

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF042720\
 Data File : BF120217.D
 Acq On : 27 Apr 2020 14:28
 Operator : MA/SJ
 Sample : PB128487BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128487BS

Quant Time: Apr 27 15:06:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 27 12:17:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	132540	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	509775	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	259199	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	500746	20.00	ng	0.00
76) Chrysene-d12	13.83	240	363241	20.00	ng	0.00
87) Perylene-d12	15.23	264	324796	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1034604	134.90	ng	0.00
7) Phenol-d6	6.32	99	1274136	128.93	ng	0.00
23) Nitrobenzene-d5	7.23	82	800509	81.24	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	345459	108.86	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1564357	85.69	ng	0.00
79) Terphenyl-d14	12.78	244	1756887	81.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	126054	36.902	ng	97
3) Pyridine	3.02	79	345088	36.821	ng	96
4) n-Nitrosodimethylamine	2.98	42	193015	40.308	ng	94
6) Aniline	6.33	93	415835	32.060	ng	# 51
8) 2-Chlorophenol	6.46	128	410161	47.865	ng	96
9) Benzaldehyde	6.21	77	157621	25.109	ng	99
10) Phenol	6.33	94	505376	45.077	ng	84
11) bis(2-Chloroethyl)ether	6.40	93	382724	44.212	ng	98
12) 1,3-Dichlorobenzene	6.60	146	416116	44.355	ng	97
13) 1,4-Dichlorobenzene	6.68	146	424685	44.439	ng	97
14) 1,2-Dichlorobenzene	6.83	146	396224	44.989	ng	100
15) Benzyl Alcohol	6.82	79	327939	42.725	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	661430	39.266	ng	# 39
17) 2-Methylphenol	6.94	107	324705	42.460	ng	# 91
18) Hexachloroethane	7.17	117	161000	45.079	ng	99
19) n-Nitroso-di-n-propylamine	7.09	70	279783	44.027	ng	99
20) 3+4-Methylphenols	7.10	107	419037	44.803	ng	# 79
22) Acetophenone	7.08	105	554676	46.466	ng	# 98
24) Nitrobenzene	7.25	77	424333	42.807	ng	98
25) Isophorone	7.49	82	764361	40.239	ng	98
26) 2-Nitrophenol	7.57	139	220262	44.476	ng	95
27) 2,4-Dimethylphenol	7.62	122	339285	45.425	ng	98
28) bis(2-Chloroethoxy)methane	7.70	93	486589	43.532	ng	98
29) 2,4-Dichlorophenol	7.82	162	327725	42.806	ng	98
30) 1,2,4-Trichlorobenzene	7.89	180	365174	42.096	ng	98
31) Naphthalene	7.97	128	1161814	43.318	ng	97
32) Benzoic acid	7.76	122	228578	34.846	ng	95
33) 4-Chloroaniline	8.03	127	247369	21.186	ng	96
34) Hexachlorobutadiene	8.09	225	210621	40.560	ng	96
35) Caprolactam	8.40	113	53662	22.914	ng	98
36) 4-Chloro-3-methylphenol	8.53	107	357765	43.162	ng	97
37) 2-Methylnaphthalene	8.66	142	779615	42.875	ng	99
38) 1-Methylnaphthalene	8.76	142	739272	43.134	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	345350	42.185	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF042720\
 Data File : BF120217.D
 Acq On : 27 Apr 2020 14:28
 Operator : MA/SJ
 Sample : PB128487BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128487BS

Quant Time: Apr 27 15:06:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 27 12:17:15 2020
 Response via : Initial Calibration

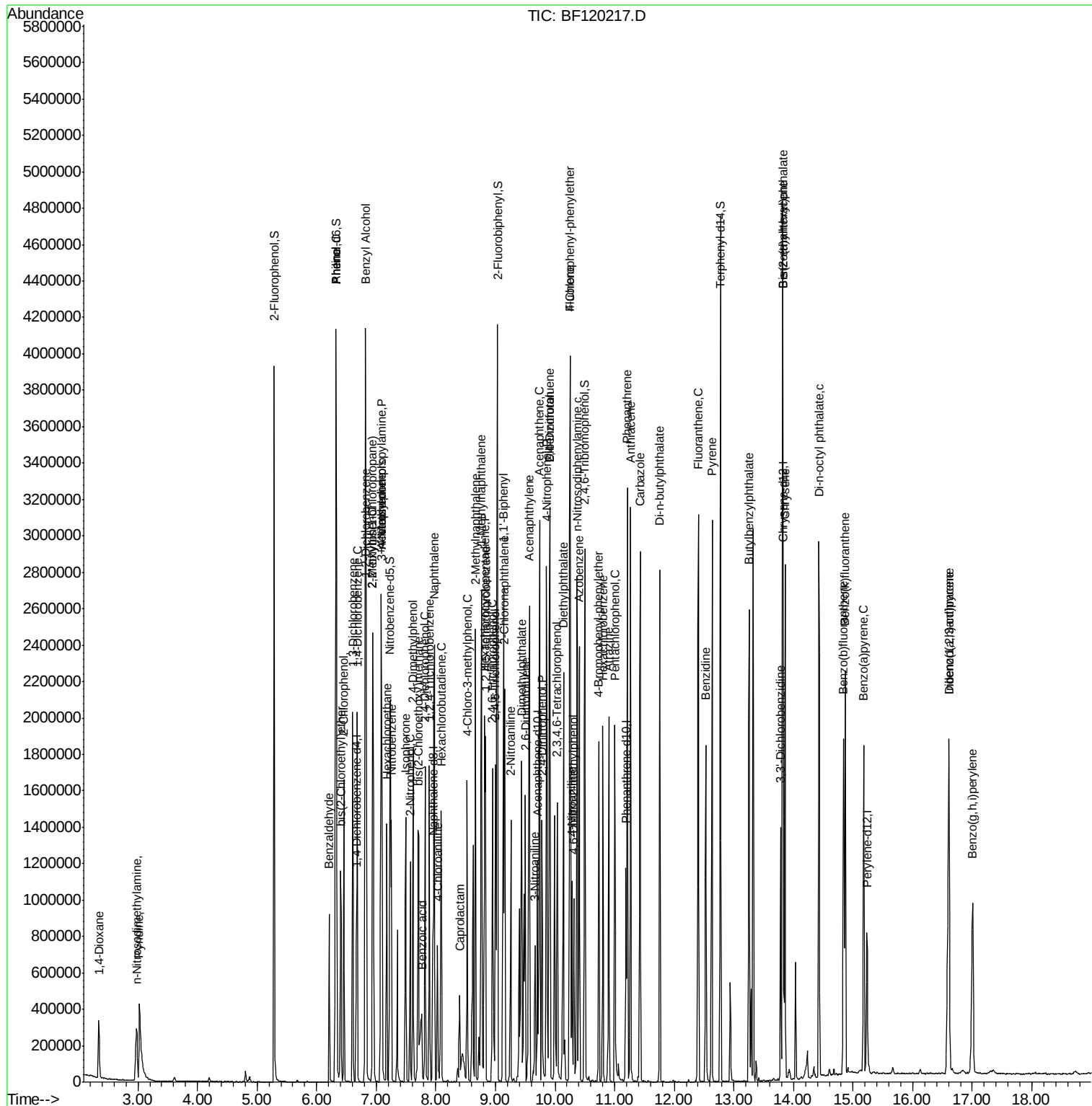
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	309362	66.455	nq	100
43) 2,4,6-Trichlorophenol	8.95	196	241225	42.670	nq	99
44) 2,4,5-Trichlorophenol	9.00	196	253609	39.830	nq	99
46) 1,1'-Biphenyl	9.13	154	938824	42.912	nq	99
47) 2-Chloronaphthalene	9.16	162	729903	43.309	nq	97
48) 2-Nitroaniline	9.26	65	260039	42.577	nq	97
49) Acenaphthylene	9.57	152	1146958	44.749	nq	98
50) Dimethylphthalate	9.44	163	852339	42.513	nq	100
51) 2,6-Dinitrotoluene	9.50	165	190515	43.394	nq	89
52) Acenaphthene	9.74	154	680994	39.830	nq	98
53) 3-Nitroaniline	9.67	138	120851	24.102	nq	88
54) 2,4-Dinitrophenol	9.78	184	189471	72.084	nq	92
55) Dibenzofuran	9.92	168	1032875	44.023	nq	96
56) 4-Nitrophenol	9.86	139	277647	74.420	nq	98
57) 2,4-Dinitrotoluene	9.90	165	247756	42.832	nq	94
58) Fluorene	10.26	166	809307	43.131	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.04	232	210410	43.208	nq	98
60) Diethylphthalate	10.14	149	878352	42.271	nq	99
61) 4-Chlorophenyl-phenylether	10.25	204	392867	40.851	nq	96
62) 4-Nitroaniline	10.29	138	202161	42.306	nq	99
63) Azobenzene	10.41	77	828135	44.471	nq	98
65) 4,6-Dinitro-2-methylphenol	10.32	198	135500	41.074	nq	87
66) n-Nitrosodiphenylamine	10.37	169	744110	44.682	nq	99
67) 4-Bromophenyl-phenylether	10.74	248	239431	38.449	nq	93
68) Hexachlorobenzene	10.80	284	256016	40.526	nq	96
69) Atrazine	10.90	200	228483	49.311	nq	99
70) Pentachlorophenol	11.00	266	227533	62.500	nq	99
71) Phenanthrene	11.22	178	1181766	44.344	nq	99
72) Anthracene	11.27	178	1218695	44.764	nq	98
73) Carbazole	11.43	167	1125737	43.725	nq	98
74) Di-n-butylphthalate	11.76	149	1428651	42.211	nq	99
75) Fluoranthene	12.40	202	1299335	45.186	nq	97
77) Benzidine	12.53	184	711799	57.971	nq	98
78) Pyrene	12.63	202	1280393	41.813	nq	98
80) Butylbenzylphthalate	13.26	149	595082	40.049	nq	100
81) Benzo(a)anthracene	13.82	228	1019118	42.648	nq	99
82) 3,3'-Dichlorobenzidine	13.79	252	266378	29.876	nq	98
83) Chrysene	13.86	228	1038284	42.762	nq	98
84) Bis(2-ethylhexyl)phthalate	13.82	149	814520	40.479	nq	99
85) Di-n-octyl phthalate	14.43	149	1396383	40.757	nq	98
86) Indeno(1,2,3-cd)pyrene	16.60	276	941656	43.996	nq	100
88) Benzo(b)fluoranthene	14.84	252	1005620	43.039	nq	98
89) Benzo(k)fluoranthene	14.87	252	837949	41.565	nq	100
90) Benzo(a)pyrene	15.18	252	825494	42.020	nq	98
91) Dibenzo(a,h)anthracene	16.62	278	786903	45.220	nq	99
92) Benzo(g,h,i)perylene	17.01	276	764428	44.503	nq	98

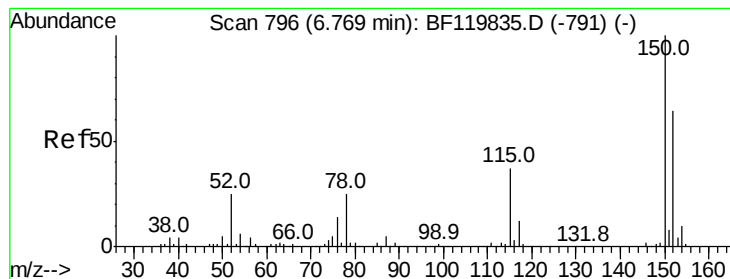
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF042720\  
Data File : BF120217.D  
Acq On    : 27 Apr 2020 14:28  
Operator  : MA/SJ  
Sample    : PB128487BS  
Misc      :  
ALS Vial  : 8      Sample Multiplier: 1
```

Instrument :
BNA_F
ClientSampleId :
PB128487BS

Quant Time: Apr 27 15:06:21 2020
Quant Method : Z:\SV0ASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 27 12:17:15 2020
Response via : Initial Calibration



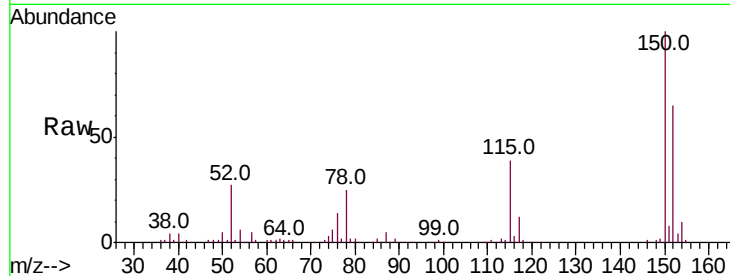


#1

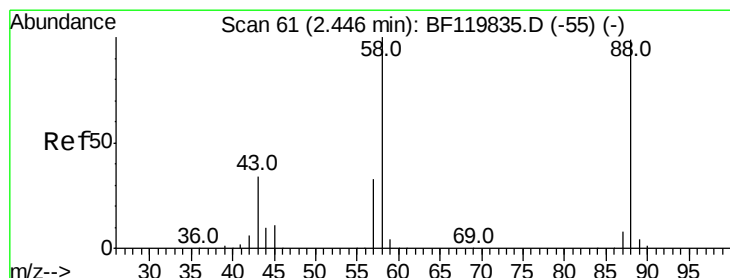
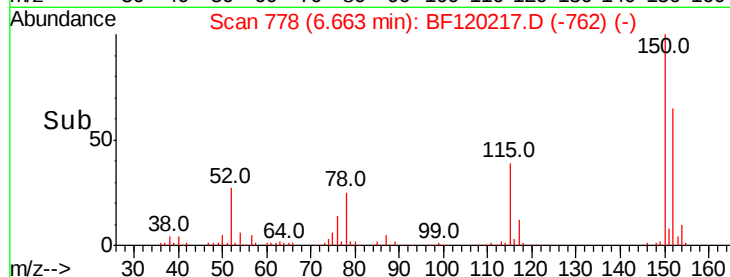
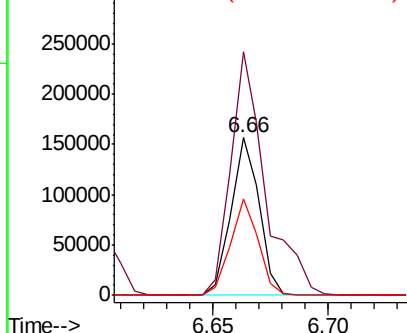
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Instrument :
BNA_F
ClientSampleId :
PB128487BS

Tot Ion:152 Resp: 132540
Ion Ratio Lower Upper
152 100
150 154.7 124.5 186.7
115 61.0 49.6 74.4



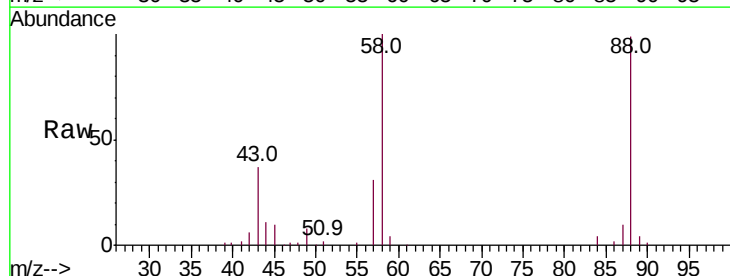
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



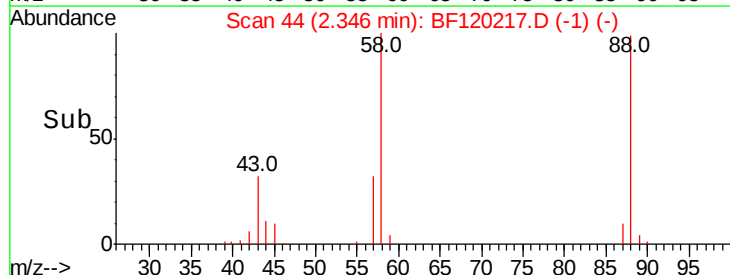
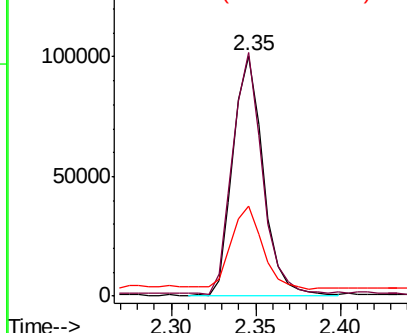
#2

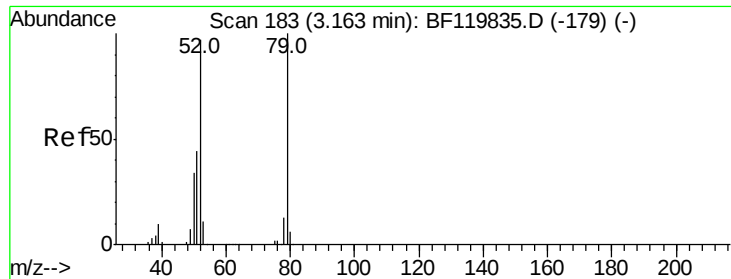
1,4-Dioxane
Concen: 36.902 ng
RT: 2.35 min Scan# 44
Delta R.T. 0.07 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Tgt Ion: 88 Resp: 126054
Ion Ratio Lower Upper
88 100
58 97.4 80.6 121.0
43 34.9 27.5 41.3



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 36.821 ng

RT: 3.02 min Scan# 159

Delta R.T. 0.06 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

Instrument :

BNA_F

ClientSampleId :

PB128487BS

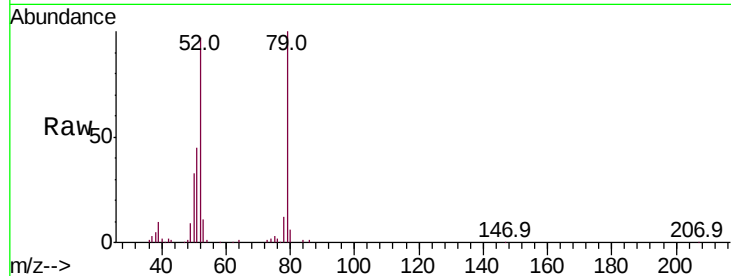
Tot Ion: 79 Resp: 345088

Ion Ratio Lower Upper

79 100

52 96.6 80.2 120.2

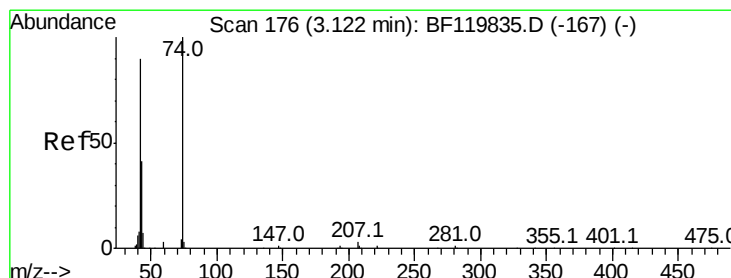
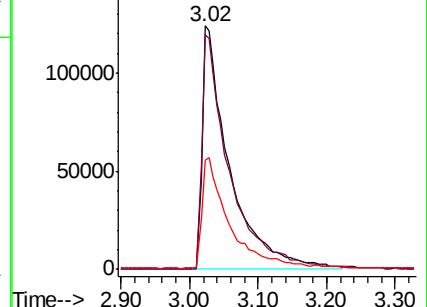
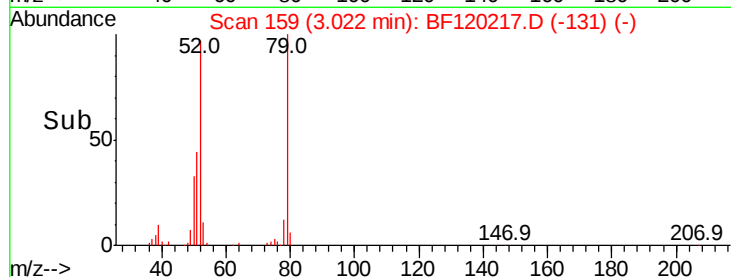
51 44.8 37.7 56.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 40.308 ng

RT: 2.98 min Scan# 152

Delta R.T. 0.06 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

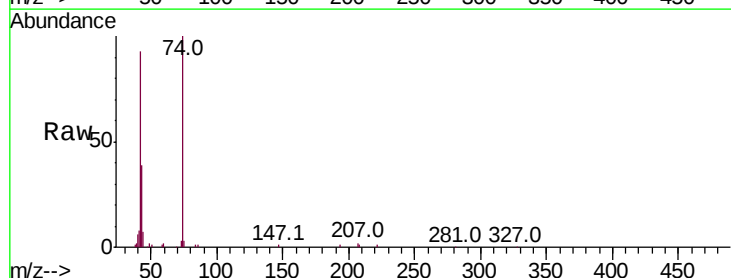
Tgt Ion: 42 Resp: 193015

Ion Ratio Lower Upper

42 100

74 107.7 91.5 137.3

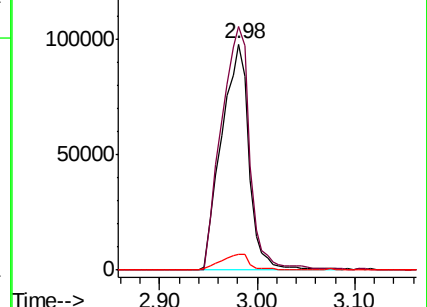
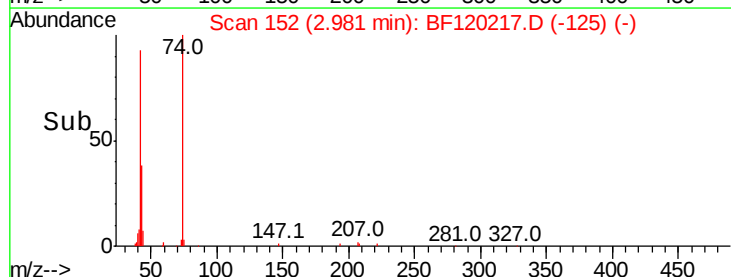
44 7.2 6.2 9.4

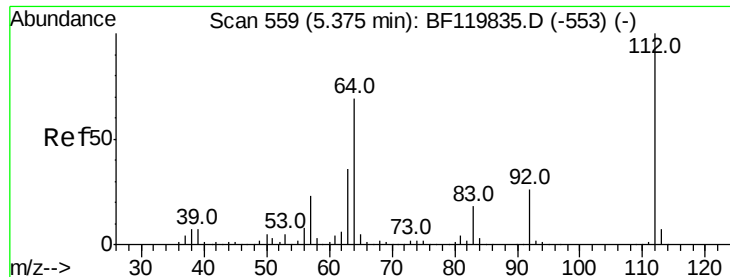


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 134.902 ng

RT: 5.29 min Scan# 544

Delta R.T. 0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

Instrument :

BNA_F

ClientSampleId :

PB128487BS

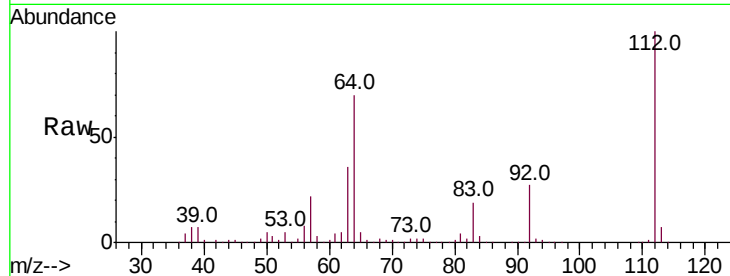
Tot Ion:112 Resp: 1034604

Ion Ratio Lower Upper

112 100

64 69.5 56.7 85.1

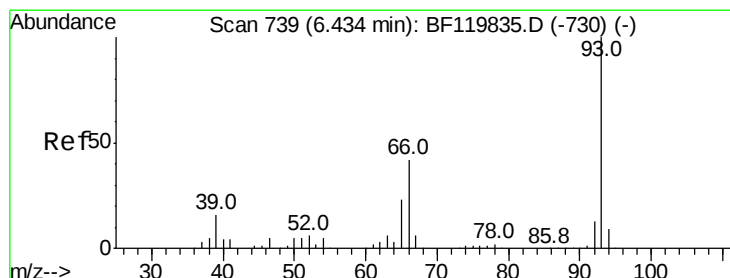
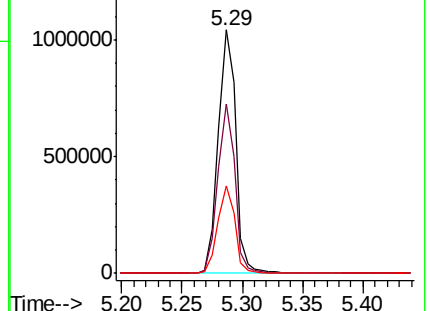
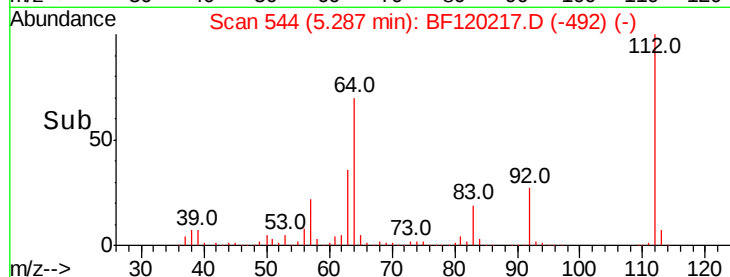
63 36.1 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 32.060 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

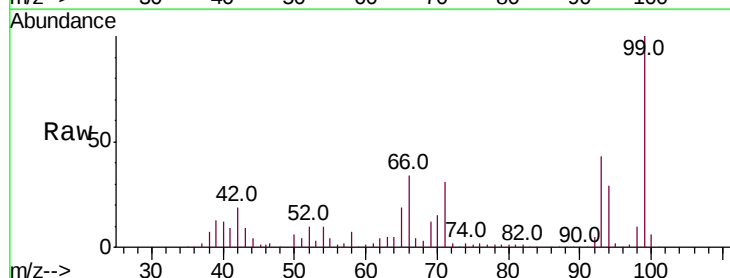
Tgt Ion: 93 Resp: 415835

Ion Ratio Lower Upper

93 100

66 77.4 34.9 52.3#

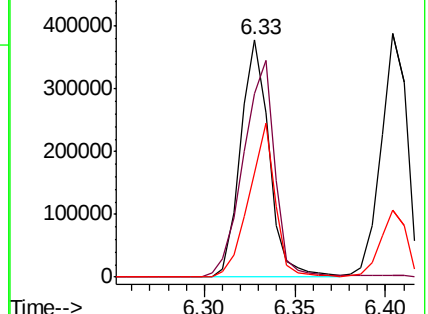
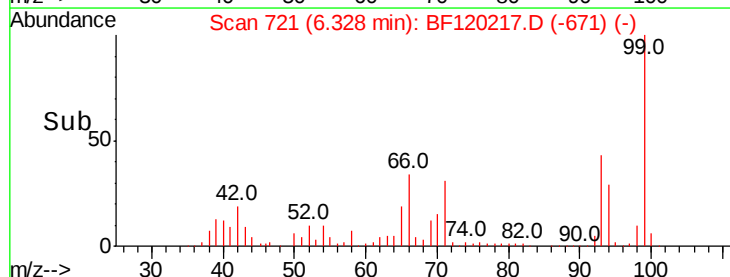
65 44.0 18.6 27.8#

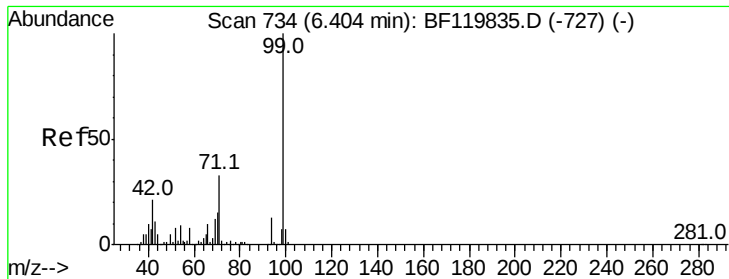


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 128.931 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

Instrument :

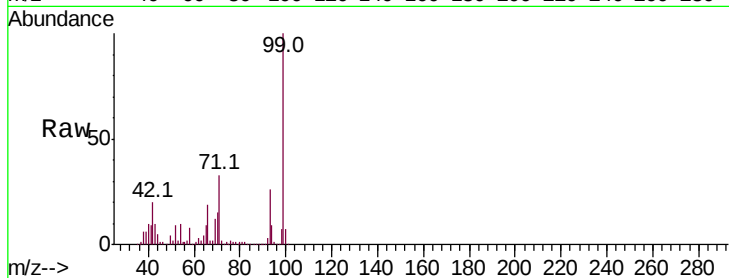
BNA_F

ClientSampleId :

PB128487BS

Tot Ion: 99 Resp: 1274136

Ion	Ratio	Lower	Upper
99	100		
42	20.3	16.6	24.8
71	33.0	26.4	39.6

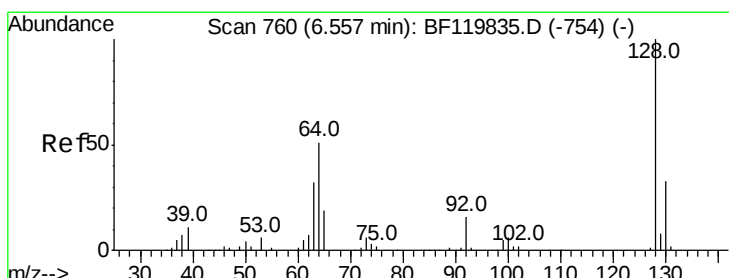
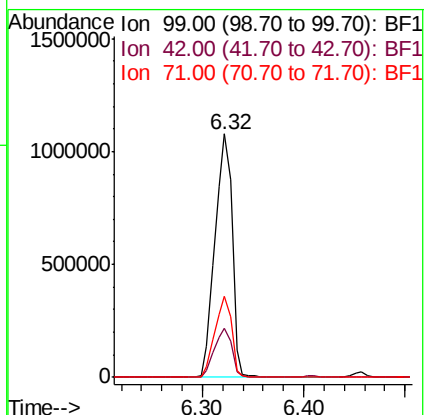
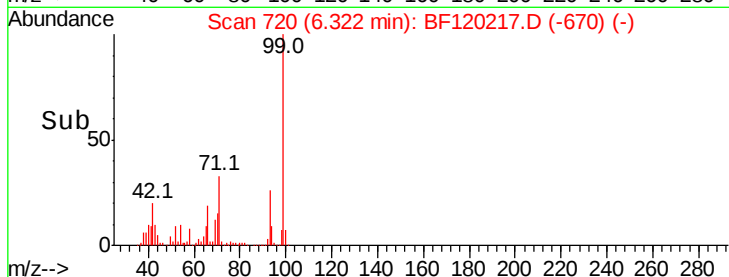


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 47.865 ng

RT: 6.46 min Scan# 743

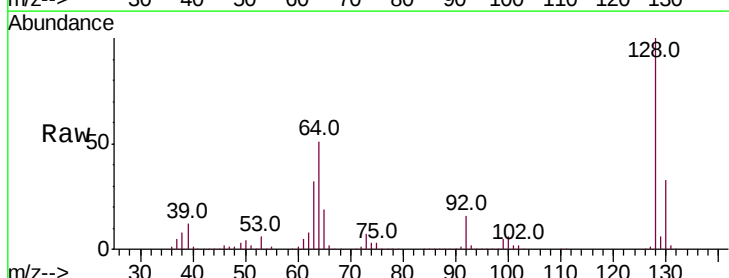
Delta R.T. -0.00 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

Tgt Ion:128 Resp: 410161

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.6	52.6
64	51.4	35.3	75.3

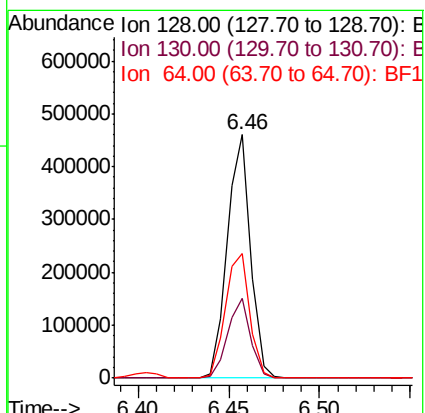
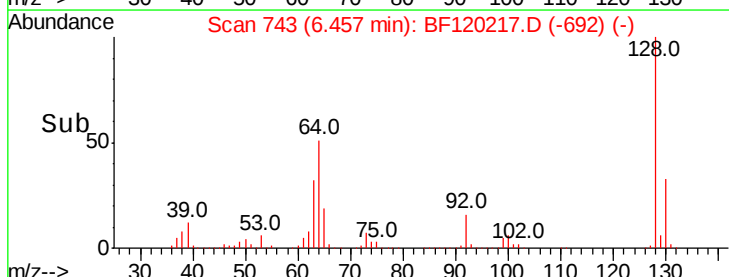


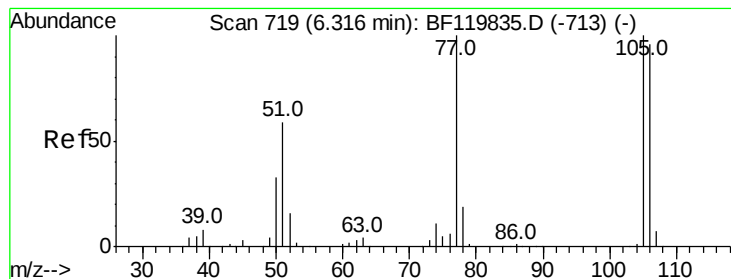
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 25.109 ng

RT: 6.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

Instrument :

BNA_F

ClientSampleId :

PB128487BS

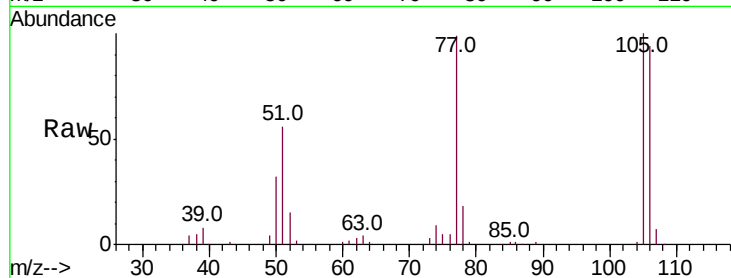
Tot Ion: 77 Resp: 157621

Ion Ratio Lower Upper

77 100

105 101.3 80.9 120.9

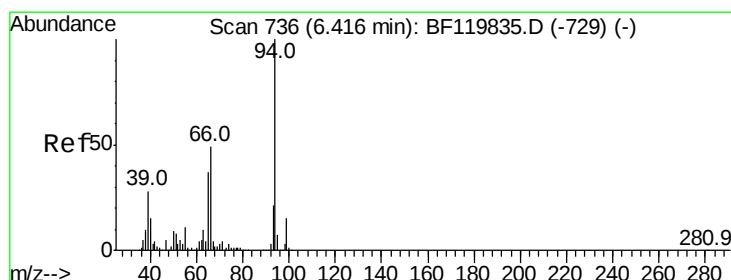
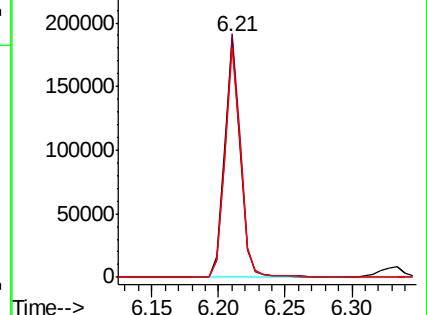
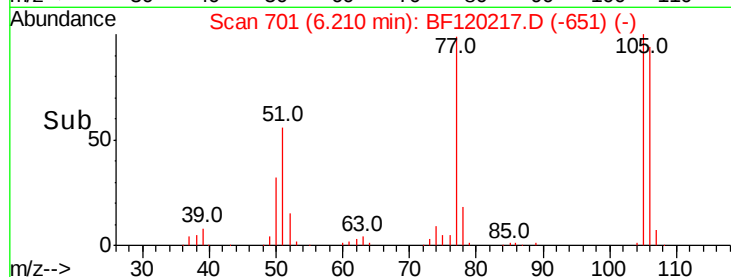
106 95.3 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 45.077 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

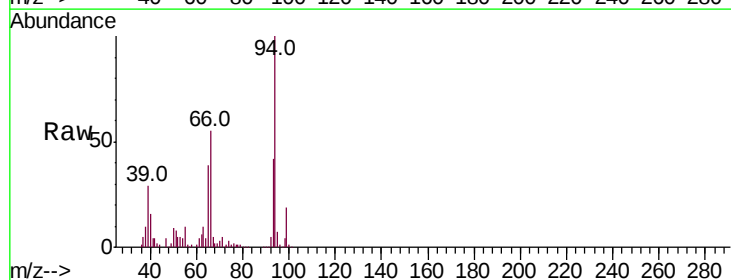
Tgt Ion: 94 Resp: 505376

Ion Ratio Lower Upper

94 100

65 39.2 13.2 53.2

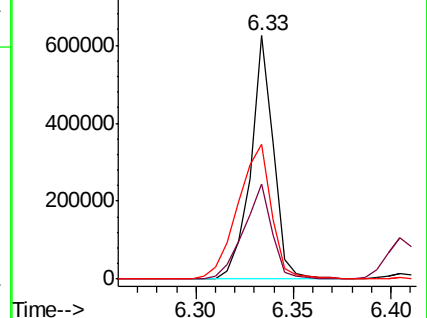
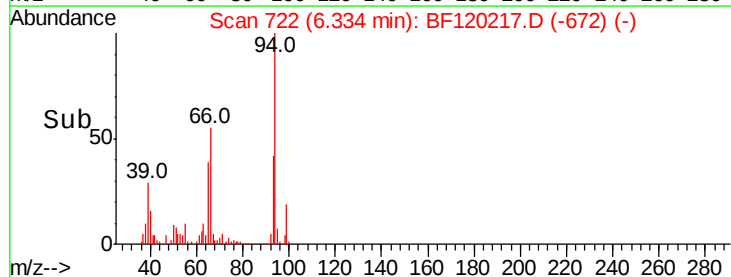
66 55.4 22.3 62.3

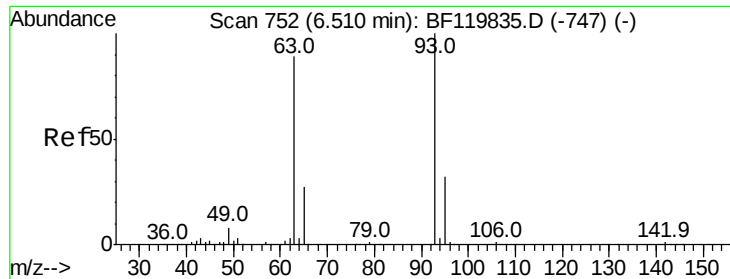


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

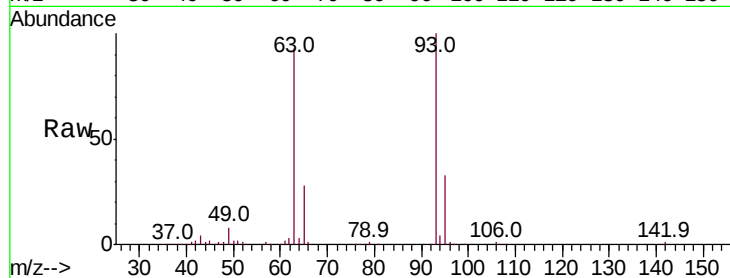




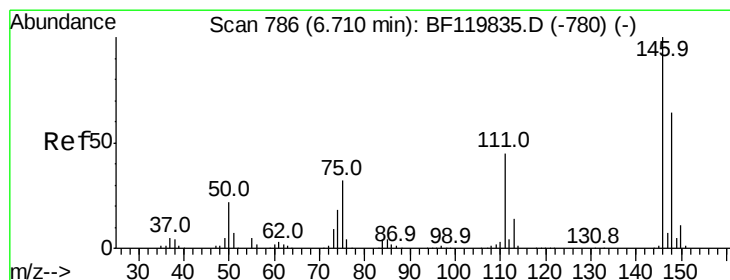
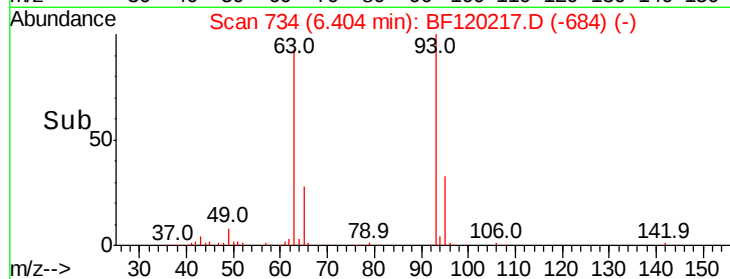
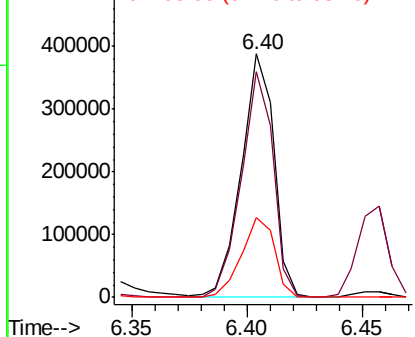
#11
bis(2-Chloroethyl)ether
Concen: 44.212 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Instrument :
BNA_F
ClientSampleId :
PB128487BS

Tot Ion: 93 Resp: 382724
Ion Ratio Lower Upper
93 100
63 92.7 70.2 110.2
95 32.8 13.4 53.4

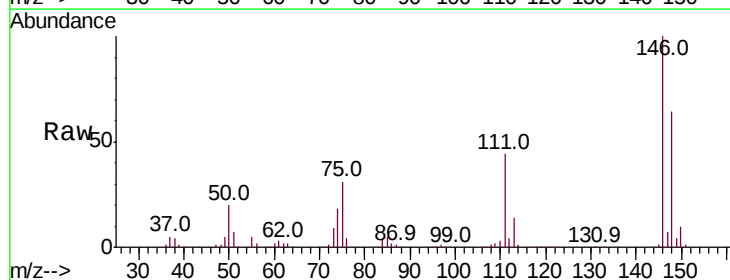


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

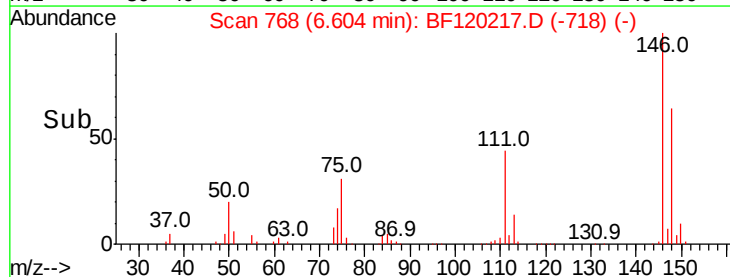
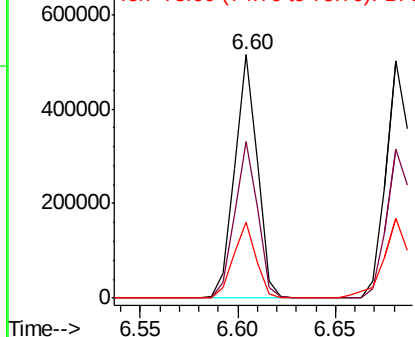


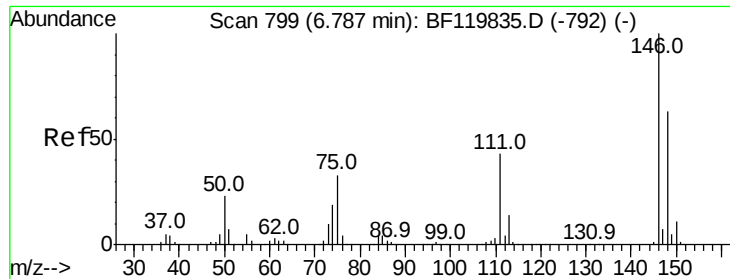
#12
1,3-Dichlorobenzene
Concen: 44.355 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Tgt Ion: 146 Resp: 416116
Ion Ratio Lower Upper
146 100
148 64.2 52.2 78.4
75 31.4 23.0 34.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

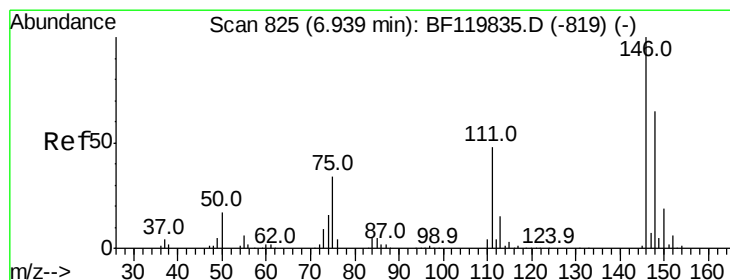
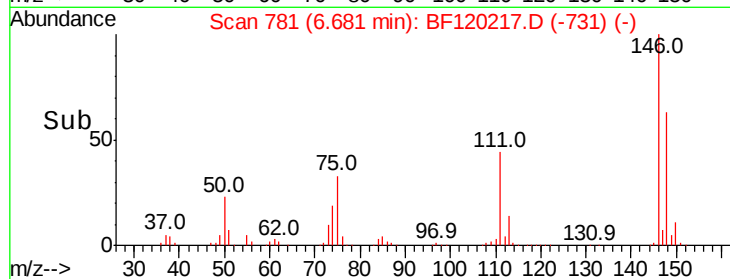
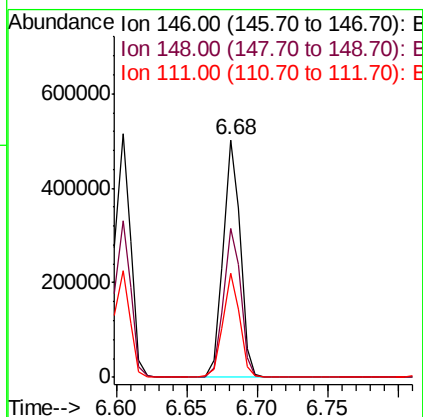
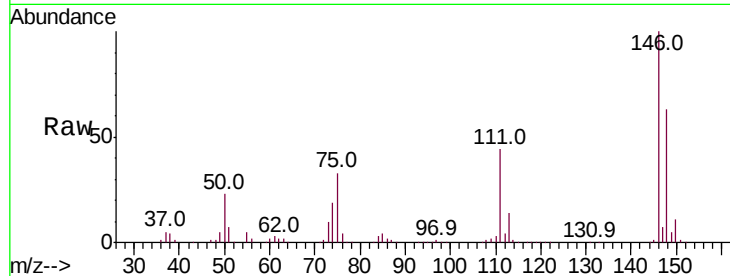




#13
 1,4-Dichlorobenzene
 Concen: 44.439 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF120217.D
 Acq: 27 Apr 2020 14:28

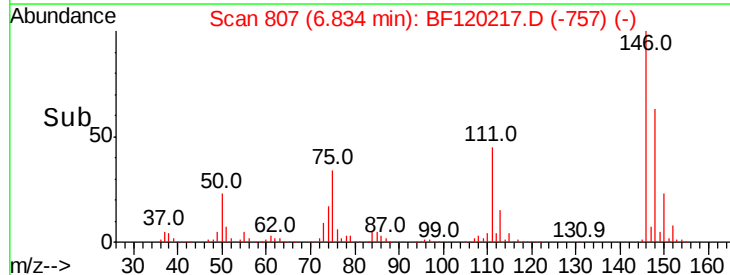
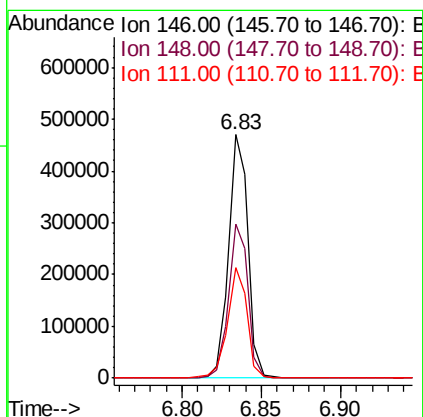
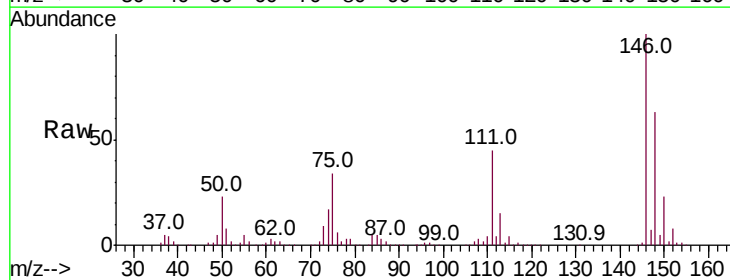
Instrument :
 BNA_F
 ClientSampleId :
 PB128487BS

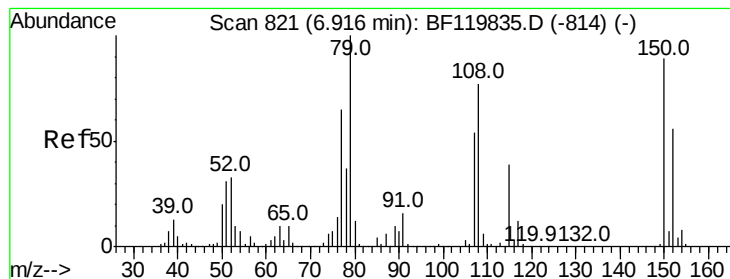
Tot Ion:146 Resp: 424685
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.5 77.3
 111 43.8 33.3 49.9



#14
 1,2-Dichlorobenzene
 Concen: 44.989 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF120217.D
 Acq: 27 Apr 2020 14:28

Tgt Ion:146 Resp: 396224
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.6 75.8
 111 45.2 36.1 54.1





#15

Benzyl Alcohol

Concen: 42.725 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

Instrument :

BNA_F

ClientSampleId :

PB128487BS

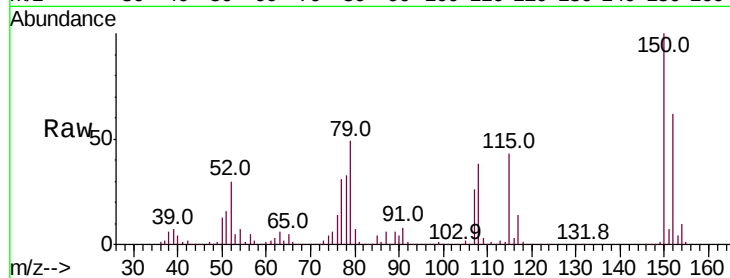
Tot Ion: 79 Resp: 327939

Ion Ratio Lower Upper

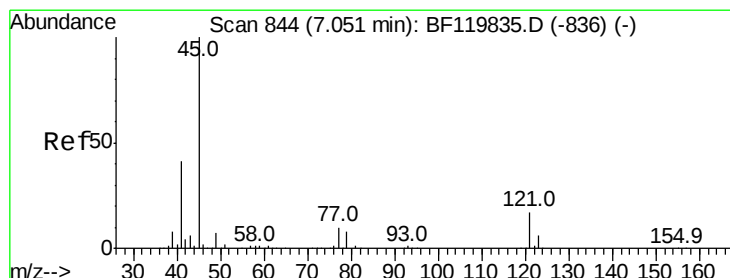
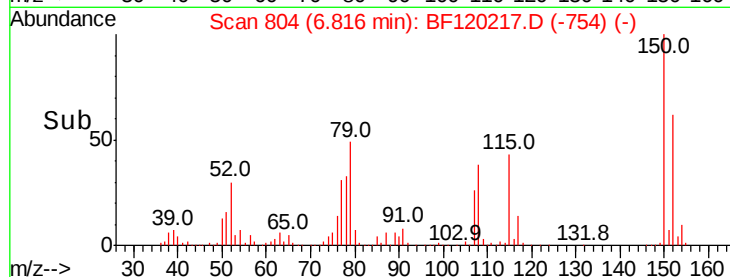
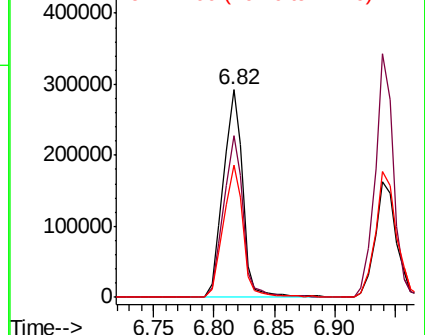
79 100

108 77.9 60.6 90.8

77 63.6 50.2 75.2



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.266 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

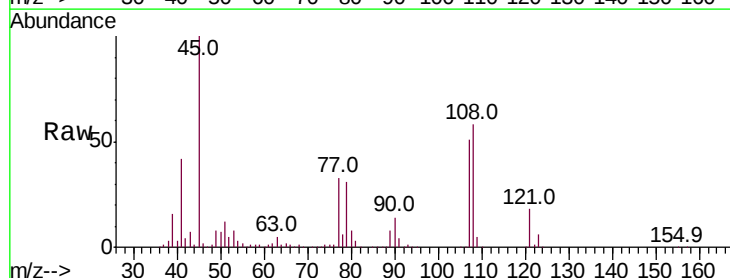
Tgt Ion: 45 Resp: 661430

Ion Ratio Lower Upper

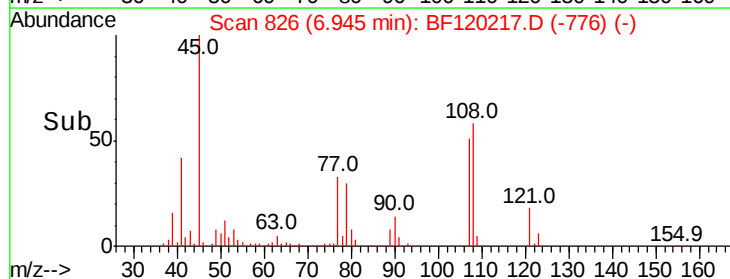
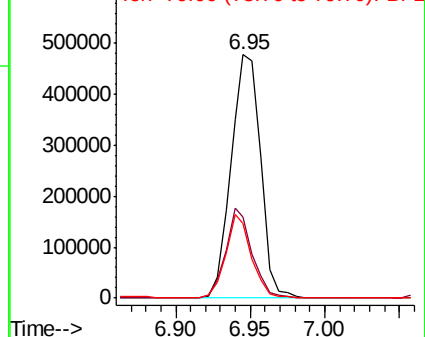
45 100

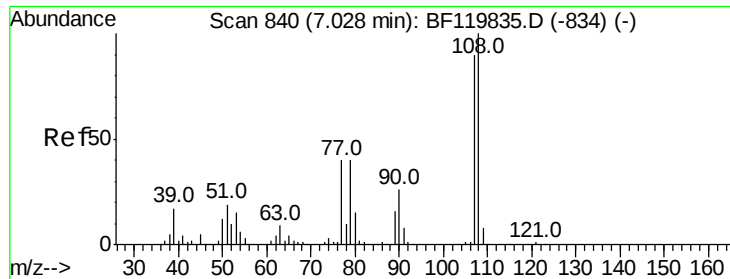
77 33.0 0.0 30.7#

79 30.5 0.0 28.2#



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

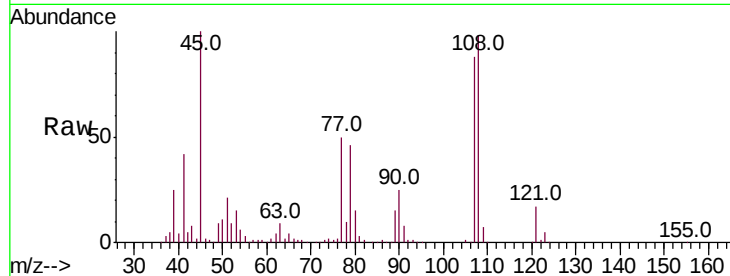




#17
2-Methylphenol
Concen: 42.460 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Instrument :
BNA_F
ClientSampleId :
PB128487BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.9	92.2	138.4
77	57.1	36.6	54.8#
79	52.7	36.2	54.4



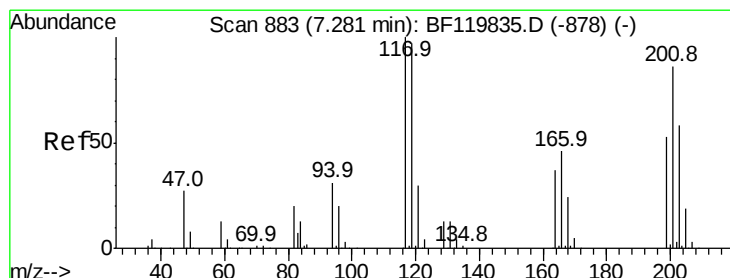
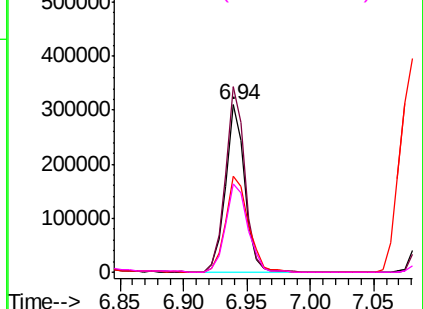
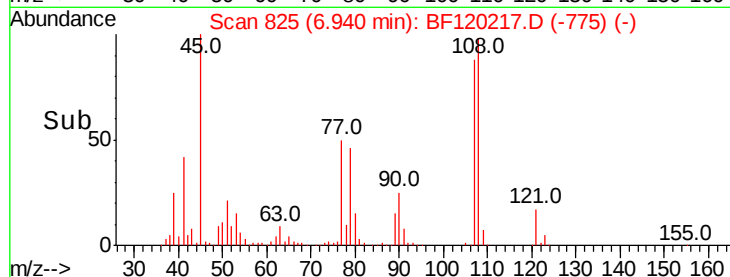
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

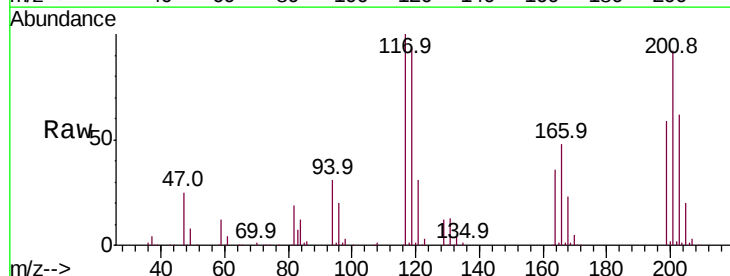
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 45.079 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	76.1	114.1
201	91.9	73.0	109.6

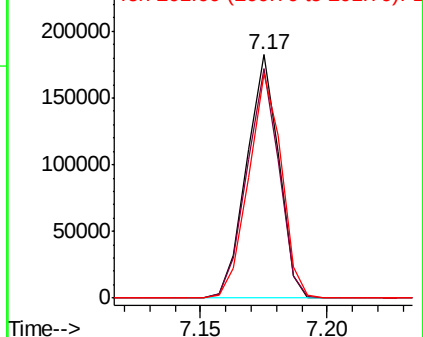
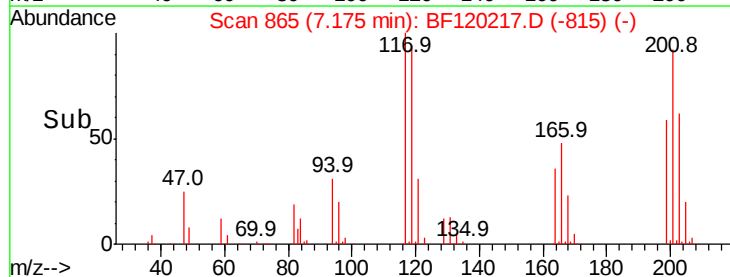


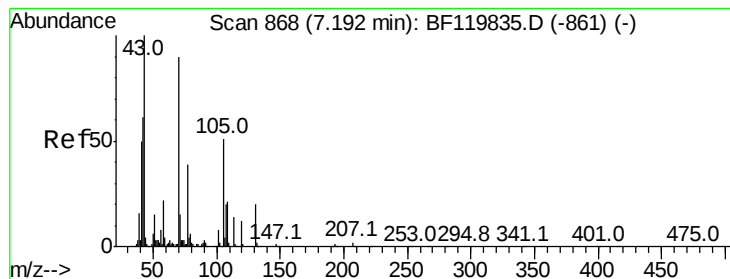
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 44.027 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

Instrument :

BNA_F

ClientSampleId :

PB128487BS

Tot Ion: 70 Resp: 279783

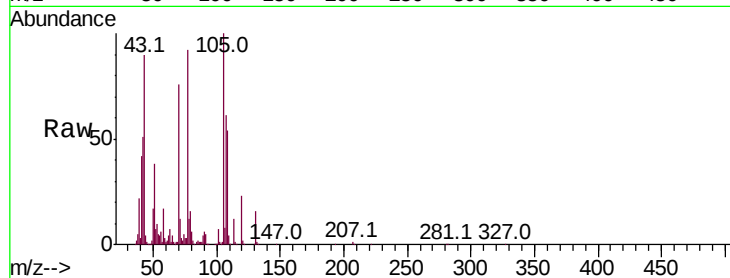
Ion Ratio Lower Upper

70 100

42 67.3 54.5 81.7

101 9.3 7.6 11.4

130 20.8 17.6 26.4

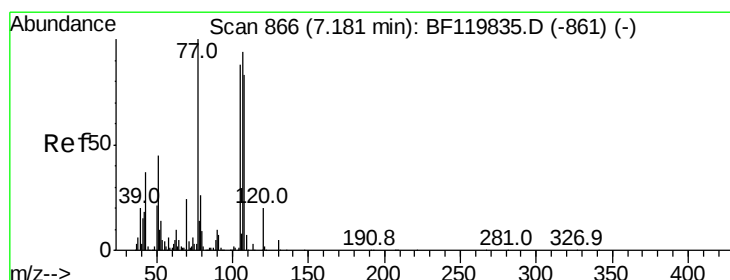
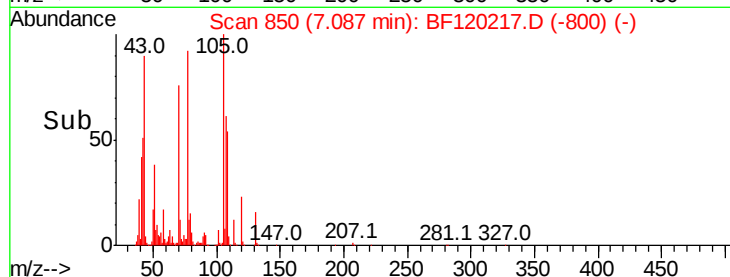
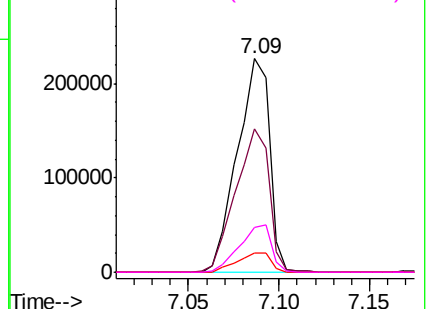


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 44.803 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

Tgt Ion: 107 Resp: 419037

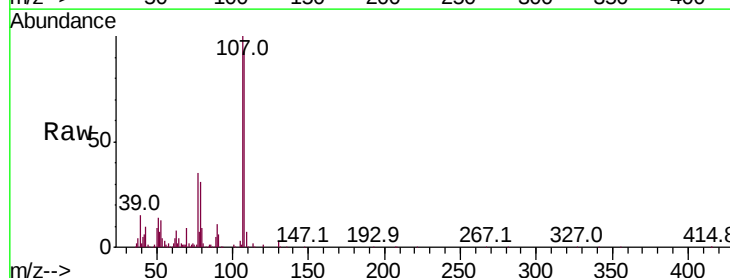
Ion Ratio Lower Upper

107 100

108 93.2 67.9 107.9

77 34.6 52.9 92.9#

79 30.8 7.7 47.7

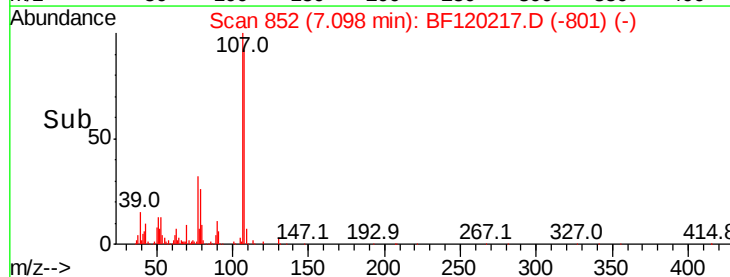
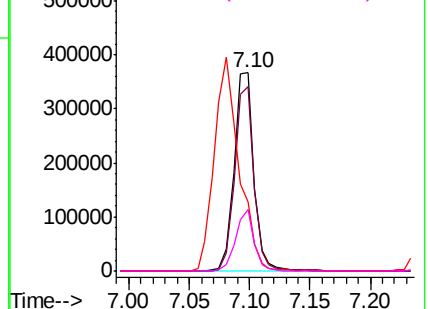


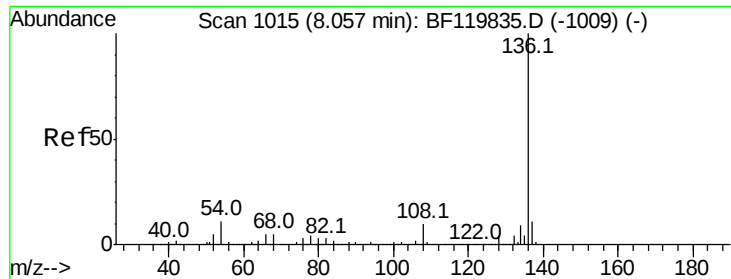
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

Instrument :

BNA_F

ClientSampleId :

PB128487BS

Tot Ion:136 Resp: 509775

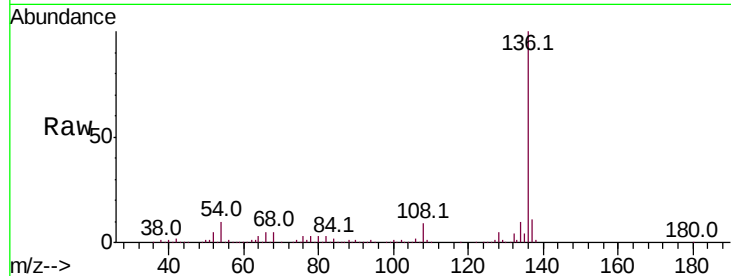
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 10.0 9.1 13.7

68 5.4 4.6 6.8

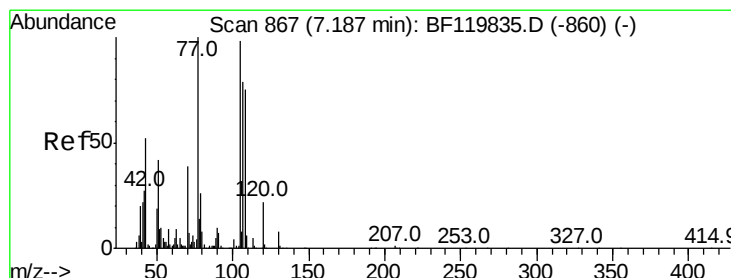
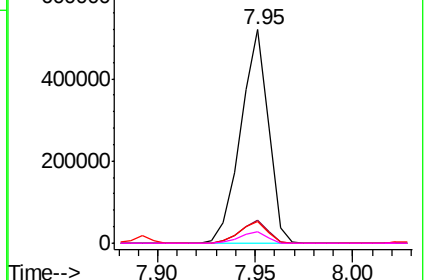
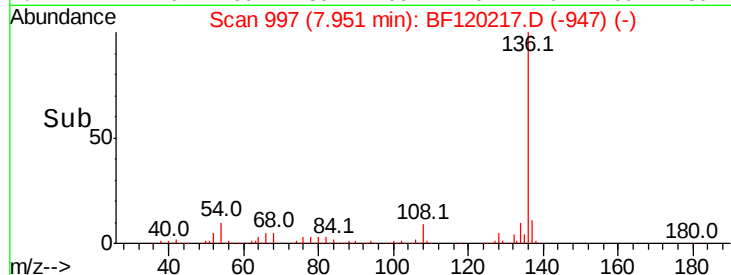


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 46.466 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

Tgt Ion:105 Resp: 554676

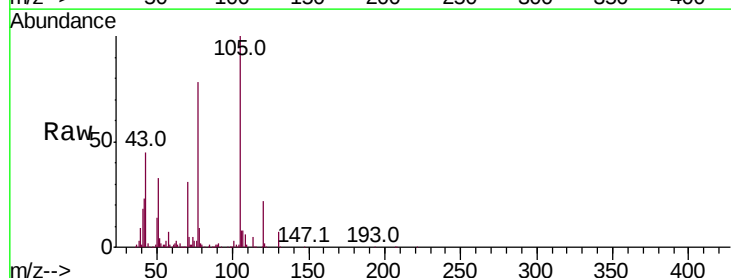
Ion Ratio Lower Upper

105 100

71 5.0 5.7 8.5#

51 32.6 26.2 39.4

120 22.0 18.3 27.5

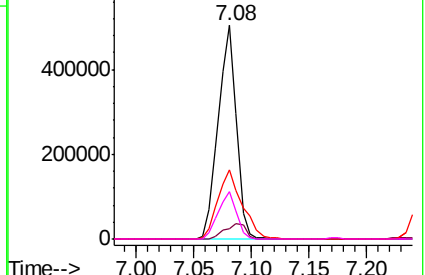
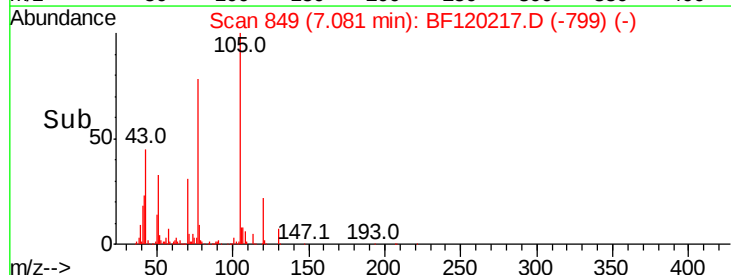


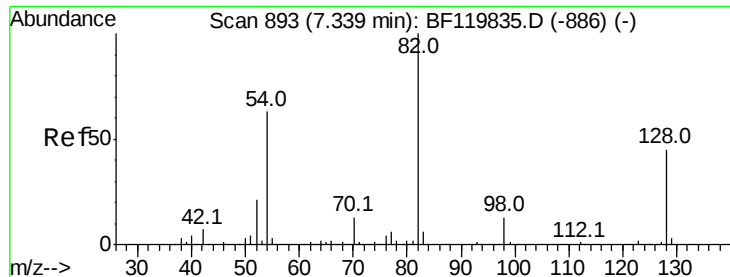
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

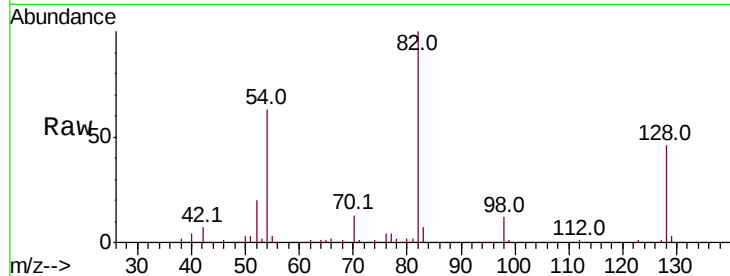




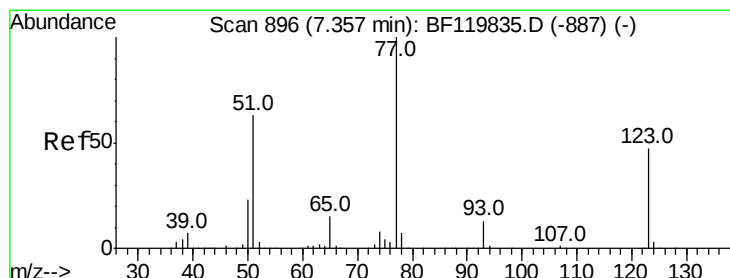
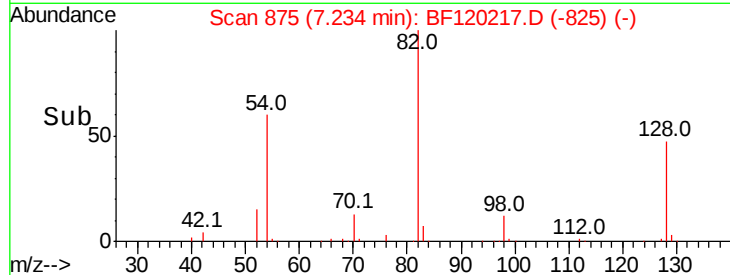
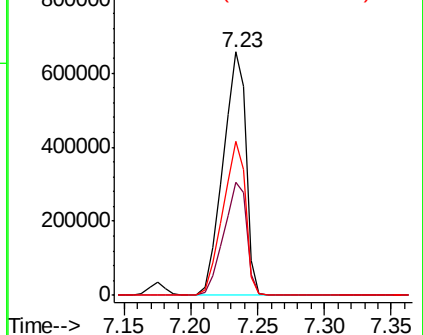
#23
Nitrobenzene-d5
Concen: 81.238 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Instrument :
BNA_F
ClientSampleId :
PB128487BS

Tot Ion: 82 Resp: 800509
Ion Ratio Lower Upper
82 100
128 46.5 36.3 54.5
54 63.2 50.6 75.8

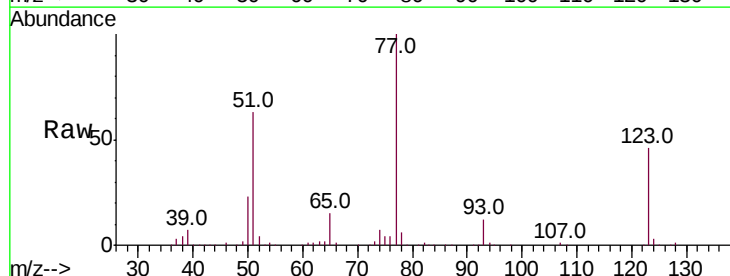


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

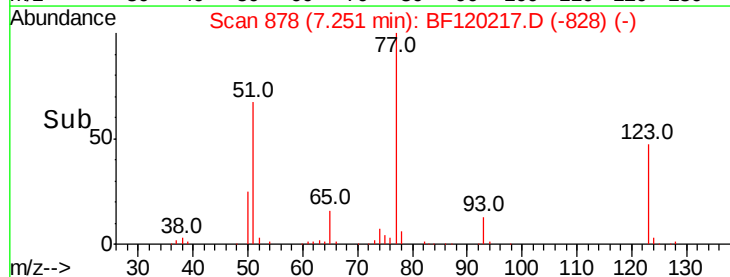
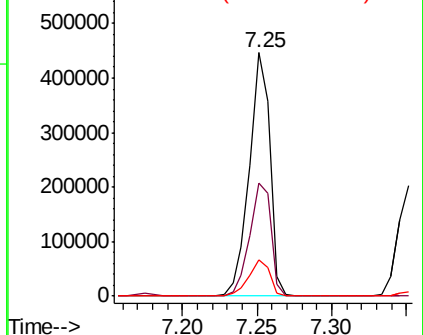


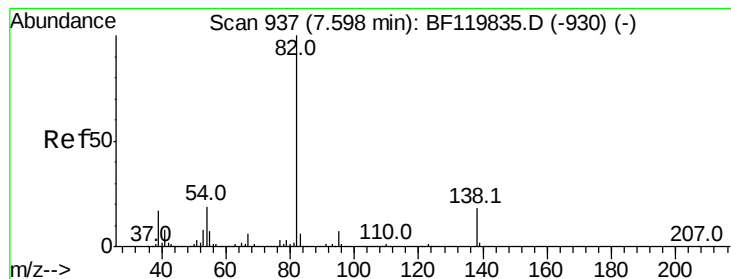
#24
Nitrobenzene
Concen: 42.807 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Tgt Ion: 77 Resp: 424333
Ion Ratio Lower Upper
77 100
123 46.4 38.0 57.0
65 14.8 12.6 18.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 40.239 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

Instrument :

BNA_F

ClientSampleId :

PB128487BS

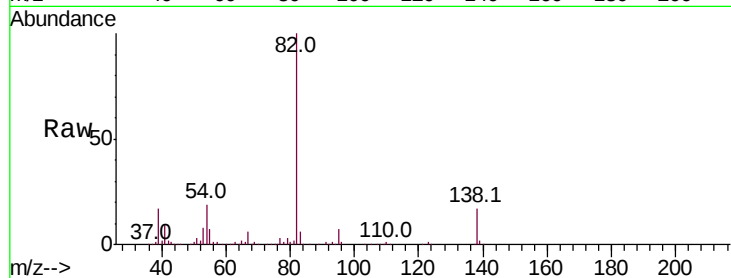
Tot Ion: 82 Resp: 764361

Ion Ratio Lower Upper

82 100

95 6.8 5.8 8.6

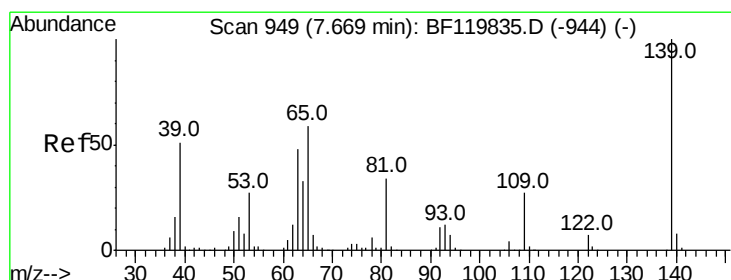
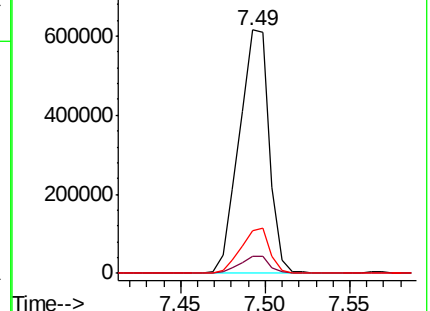
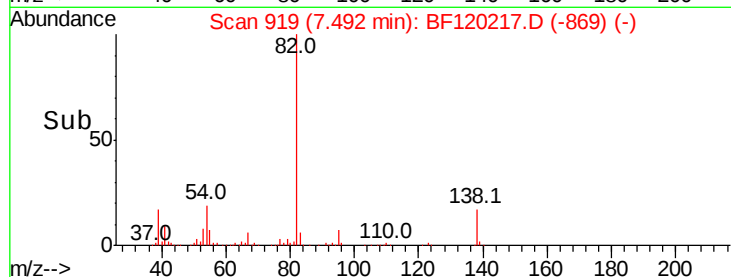
138 17.4 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.476 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

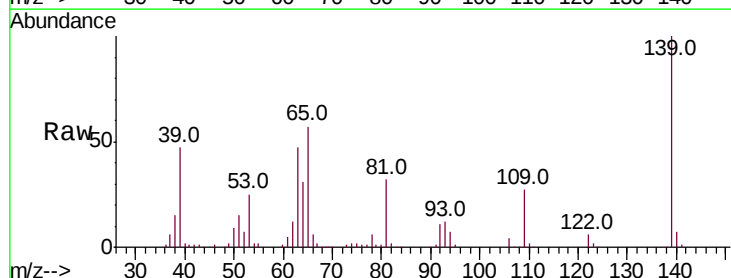
Tgt Ion: 139 Resp: 220262

Ion Ratio Lower Upper

139 100

109 26.6 22.1 33.1

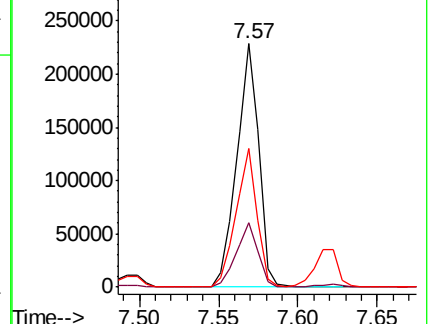
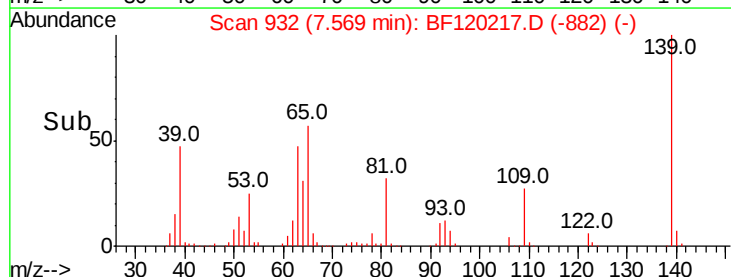
65 57.1 49.2 73.8

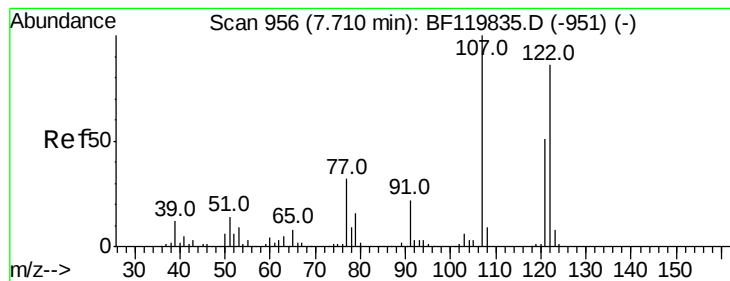


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 45.425 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

Instrument :

BNA_F

ClientSampleId :

PB128487BS

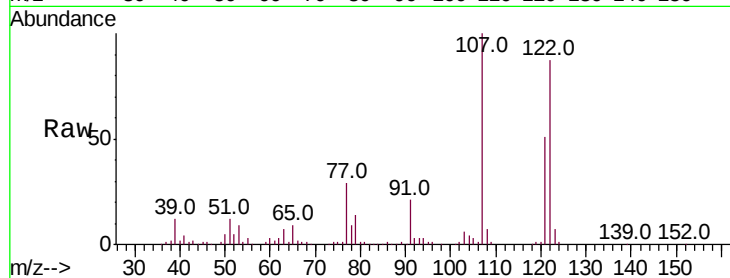
Tot Ion:122 Resp: 339285

Ion Ratio Lower Upper

122 100

107 115.1 89.0 133.6

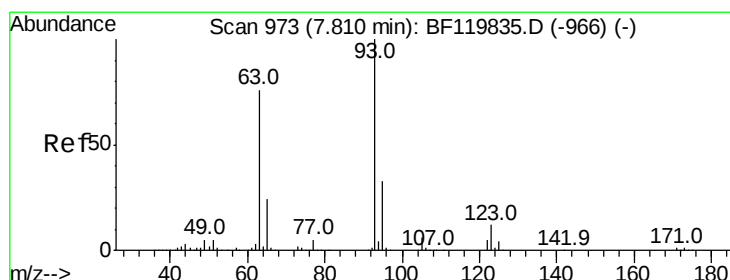
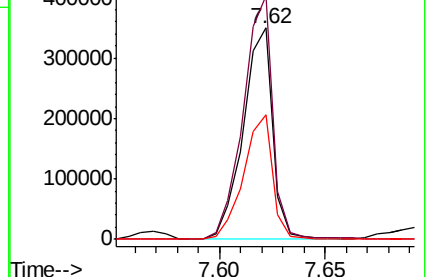
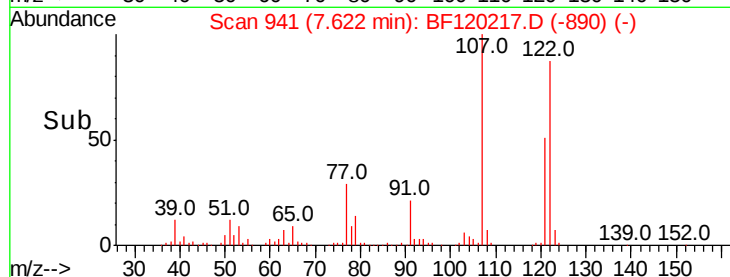
121 58.8 46.7 70.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.532 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

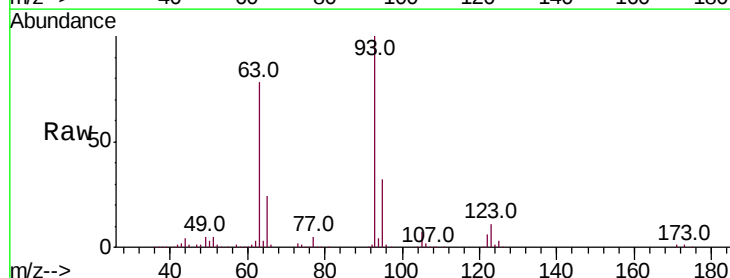
Tgt Ion: 93 Resp: 486589

Ion Ratio Lower Upper

93 100

95 32.1 26.3 39.5

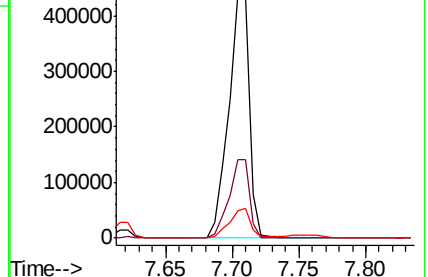
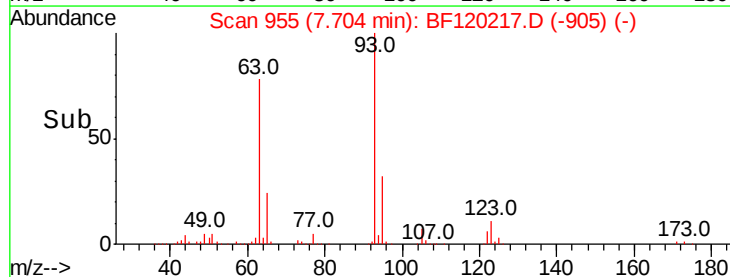
123 11.1 9.7 14.5

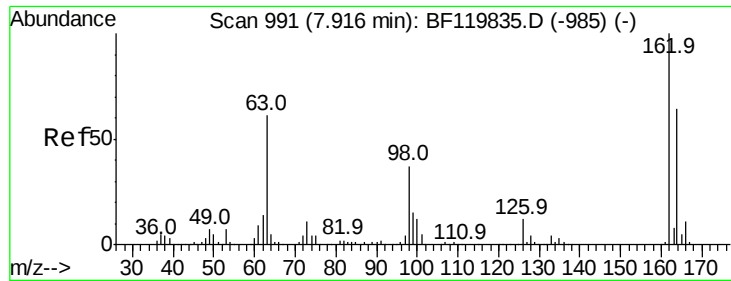


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

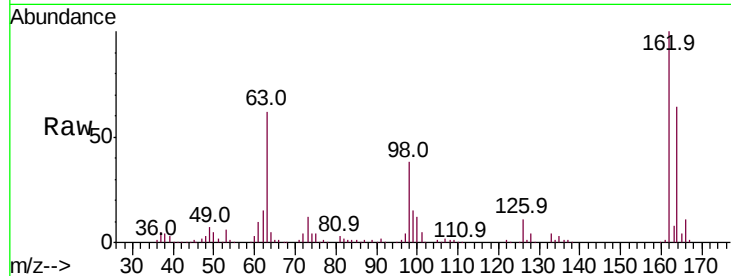




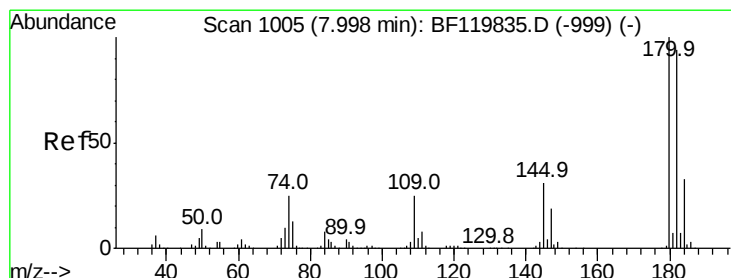
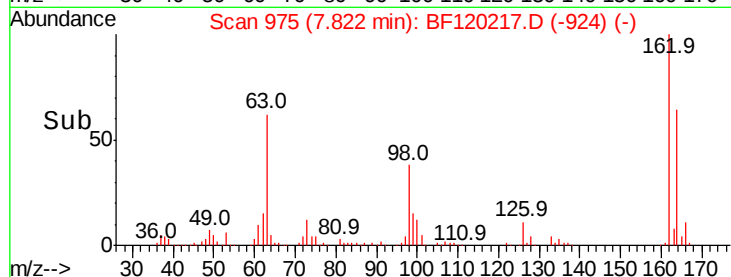
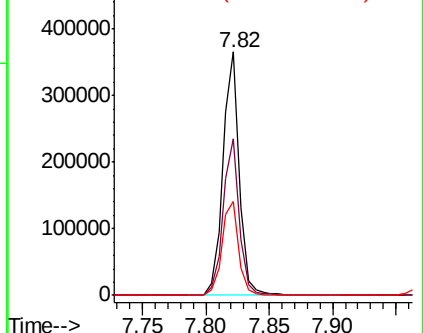
#29
 2,4-Dichlorophenol
 Concen: 42.806 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: BF120217.D
 Acq: 27 Apr 2020 14:28

Instrument :
 BNA_F
 ClientSampleId :
 PB128487BS

Tot Ion:	162	Resp:	327725
Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.7	84.7
98	38.4	20.7	60.7

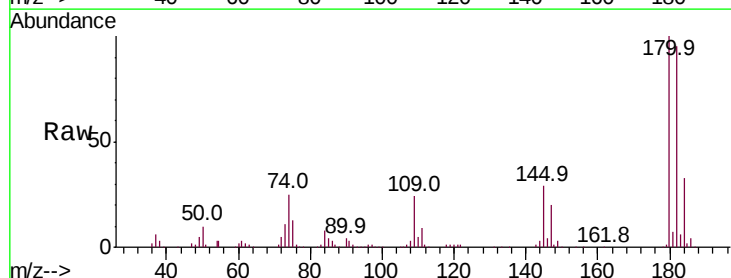


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

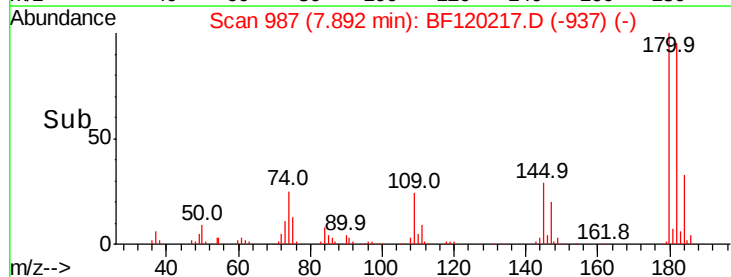
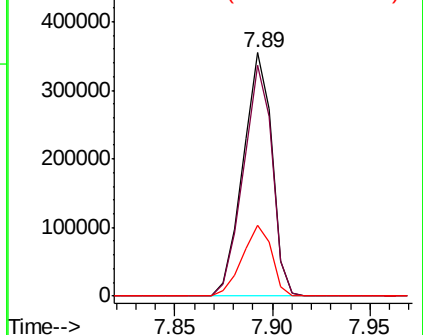


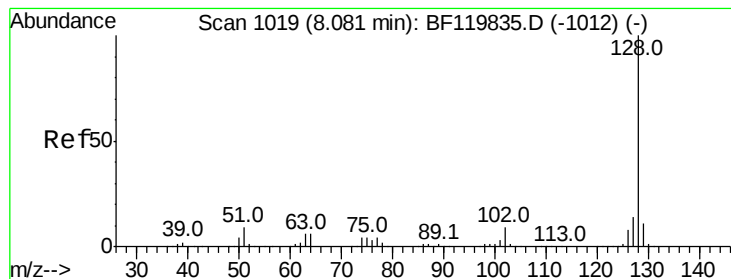
#30
 1,2,4-Trichlorobenzene
 Concen: 42.096 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF120217.D
 Acq: 27 Apr 2020 14:28

Tgt Ion:	180	Resp:	365174
Ion	Ratio	Lower	Upper
180	100		
182	94.9	74.7	112.1
145	29.2	24.5	36.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.318 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

Instrument :

BNA_F

ClientSampleId :

PB128487BS

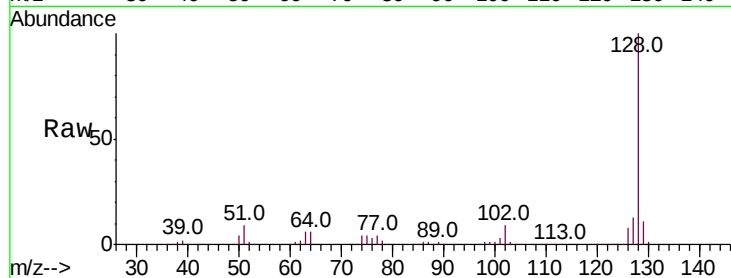
Tot Ion:128 Resp: 1161814

Ion Ratio Lower Upper

128 100

129 10.8 9.5 14.3

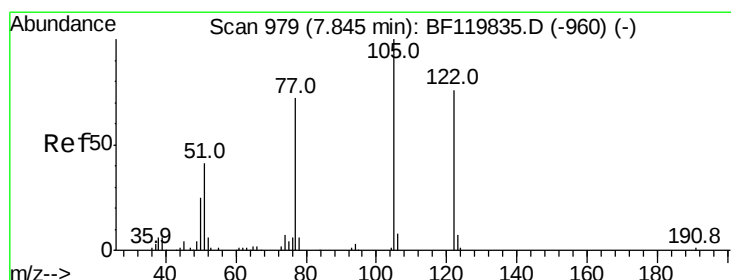
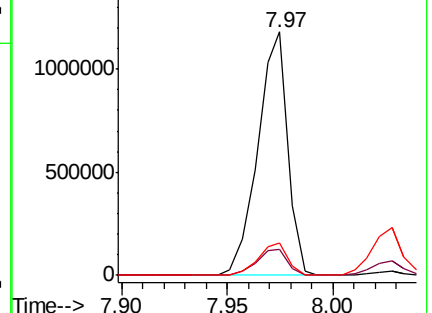
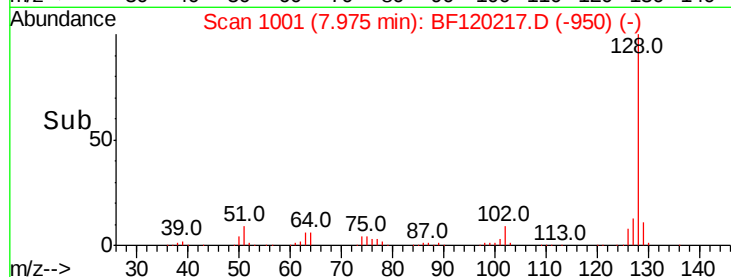
127 13.2 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.846 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

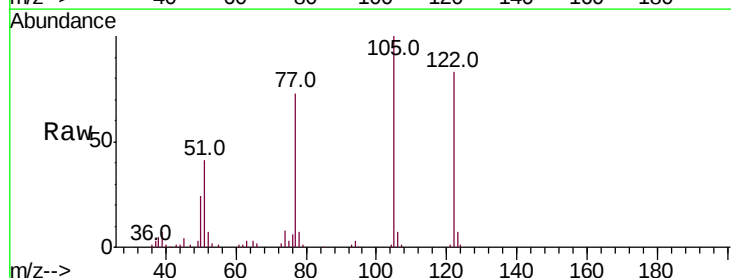
Tgt Ion:122 Resp: 228578

Ion Ratio Lower Upper

122 100

105 120.9 104.9 144.9

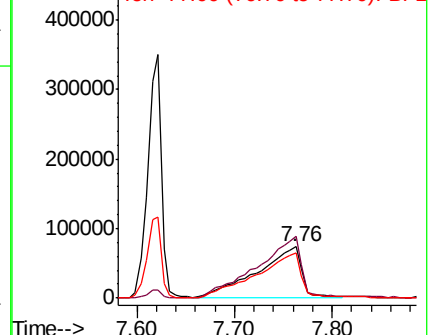
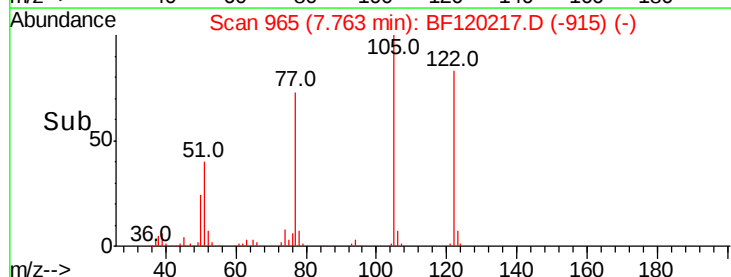
77 88.7 74.4 114.4

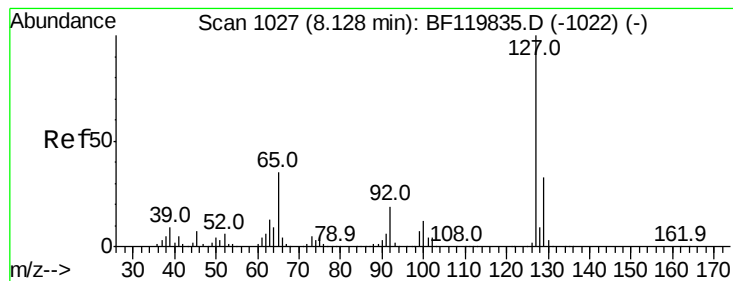


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 21.186 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

Instrument :

BNA_F

ClientSampleId :

PB128487BS

Tot Ion:127 Resp: 247369

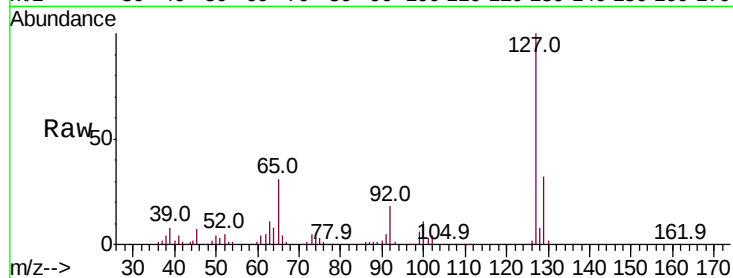
Ion Ratio Lower Upper

127 100

129 31.8 26.2 39.4

65 31.1 27.4 41.0

92 17.7 15.3 22.9

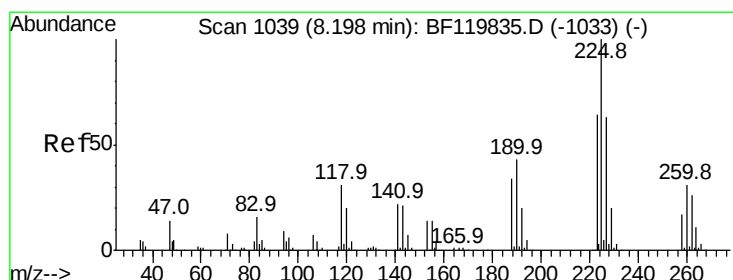
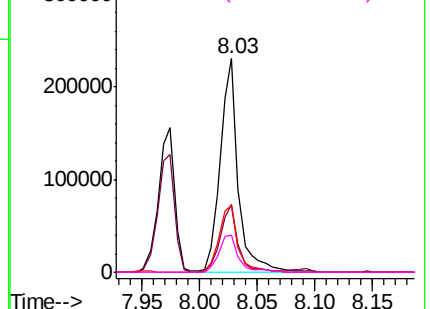
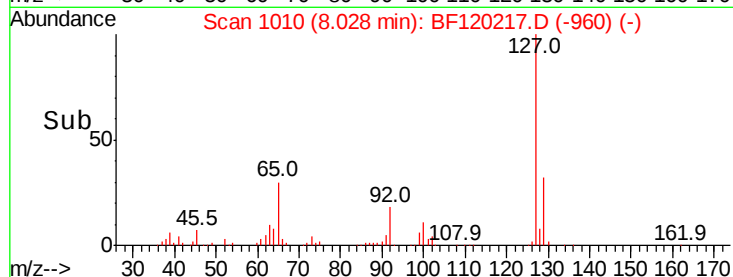


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 40.560 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

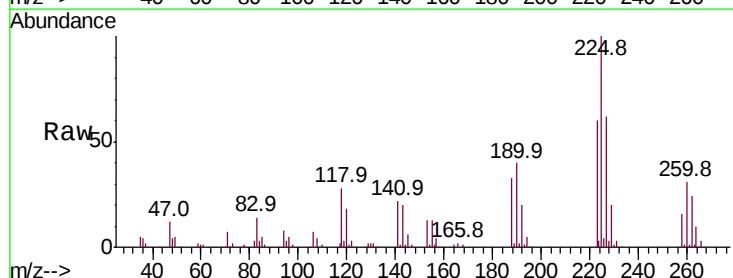
Tgt Ion:225 Resp: 210621

Ion Ratio Lower Upper

225 100

223 59.9 51.0 76.6

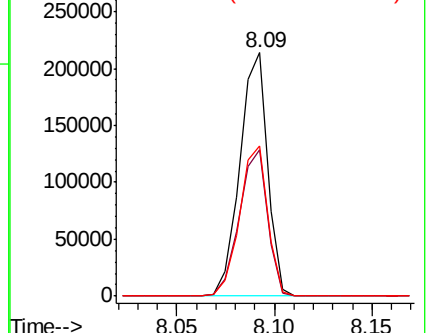
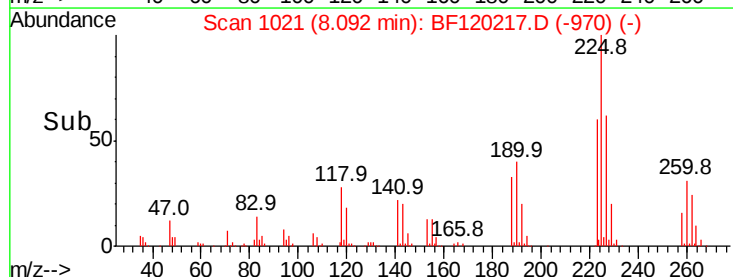
227 61.7 50.7 76.1

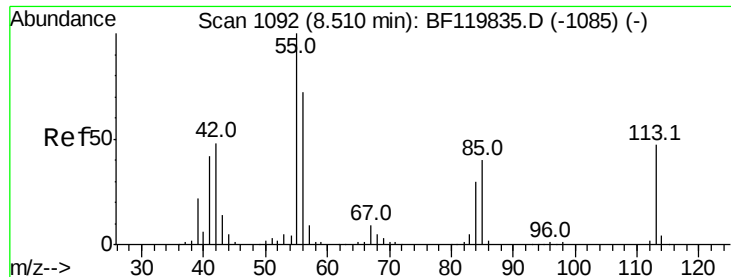


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

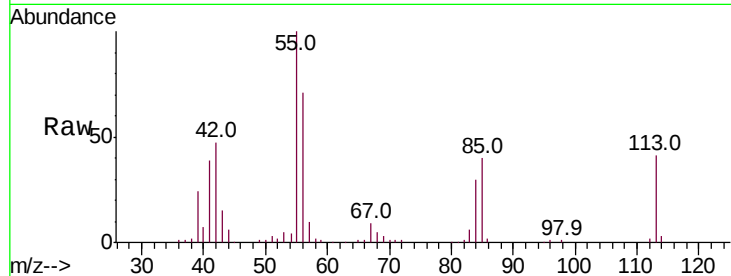




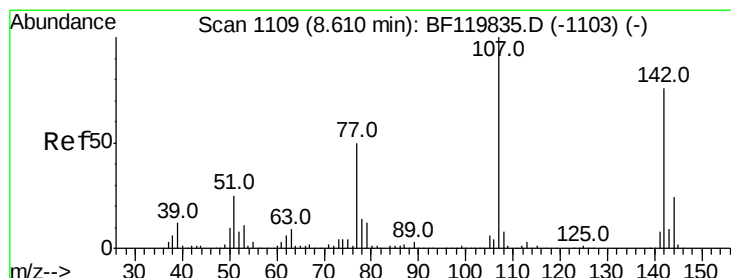
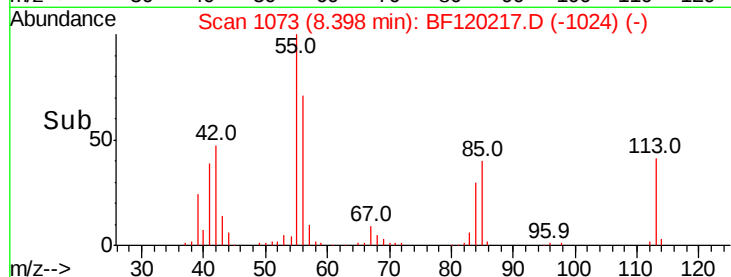
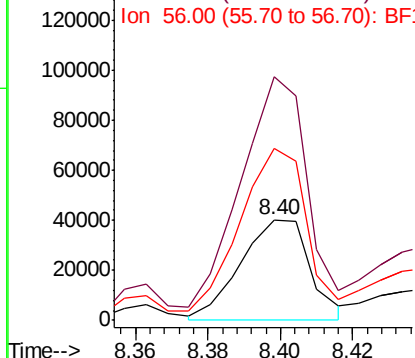
#35
 Caprolactam
 Concen: 22.914 ng
 RT: 8.40 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BF120217.D
 Acq: 27 Apr 2020 14:28

Instrument :
 BNA_F
 ClientSampleId :
 PB128487BS

Tot Ion:113 Resp: 53662
 Ion Ratio Lower Upper
 113 100
 55 242.8 218.4 258.4
 56 171.3 148.9 188.9

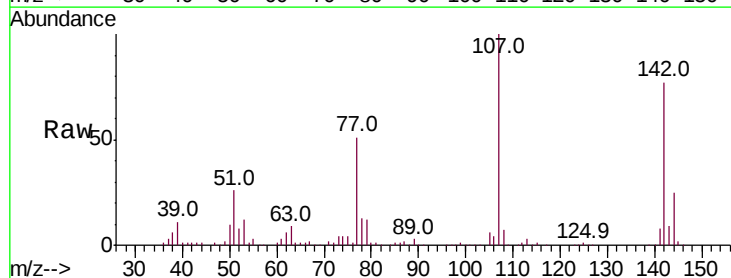


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

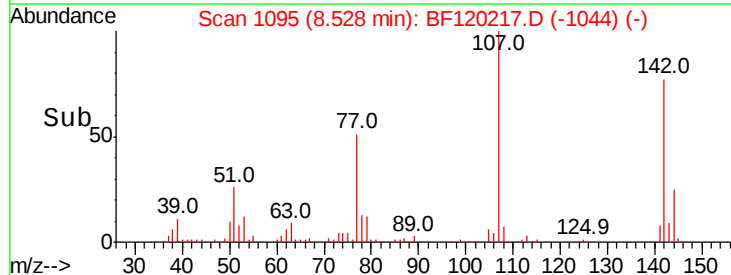
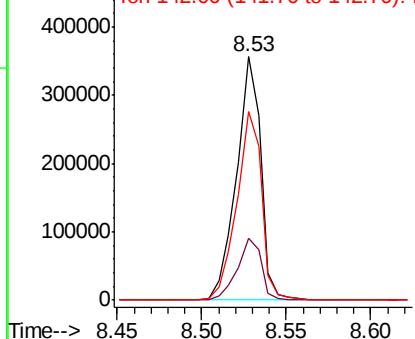


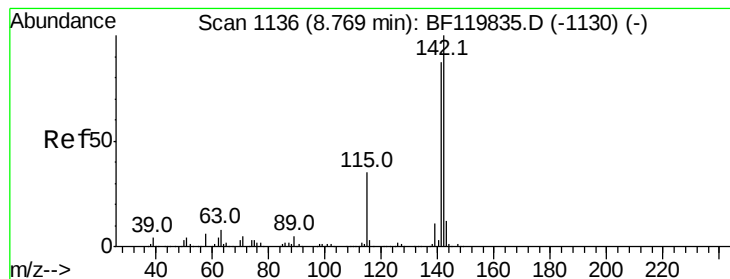
#36
 4-Chloro-3-methylphenol
 Concen: 43.162 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BF120217.D
 Acq: 27 Apr 2020 14:28

Tgt Ion:107 Resp: 357765
 Ion Ratio Lower Upper
 107 100
 144 25.3 21.0 31.6
 142 77.4 64.4 96.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.875 ng

RT: 8.66 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

Instrument :

BNA_F

ClientSampleId :

PB128487BS

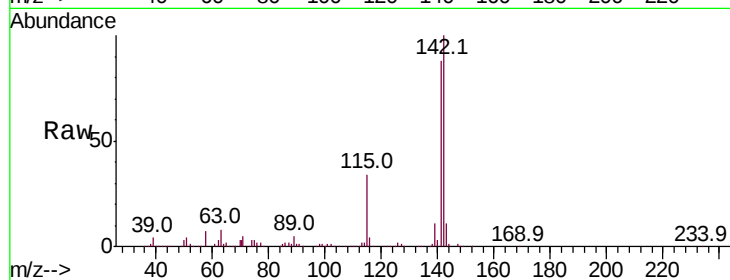
Tot Ion:142 Resp: 779615

Ion Ratio Lower Upper

142 100

141 88.3 71.7 107.5

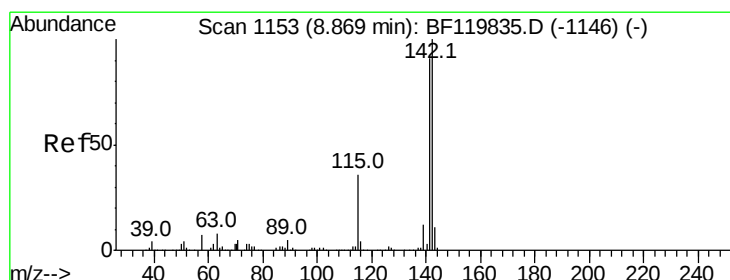
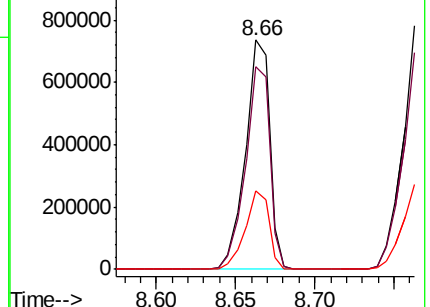
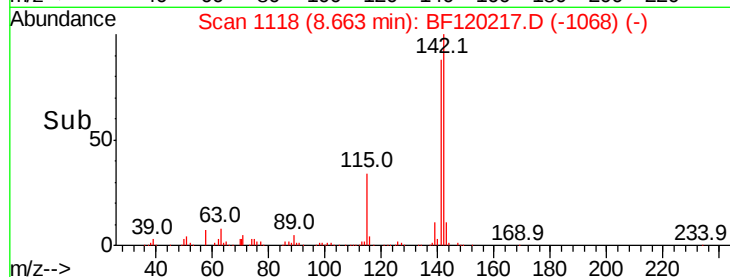
115 34.4 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.134 ng

RT: 8.76 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

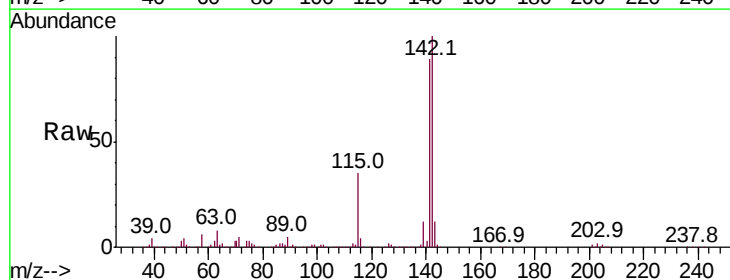
Tgt Ion:142 Resp: 739272

Ion Ratio Lower Upper

142 100

141 89.2 73.7 110.5

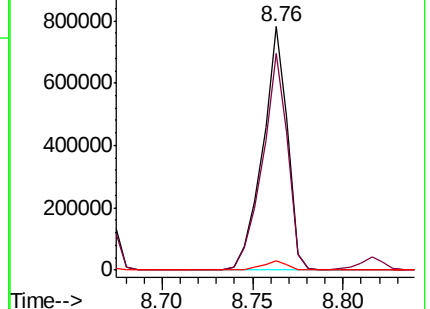
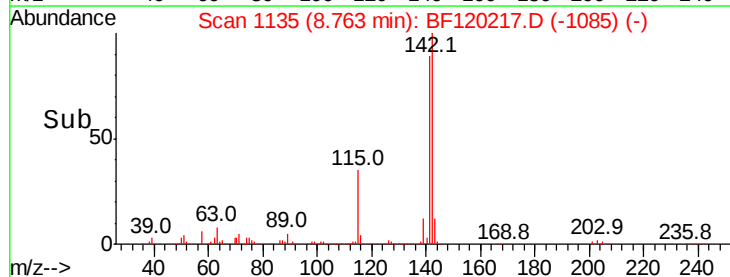
116 3.6 3.0 4.6

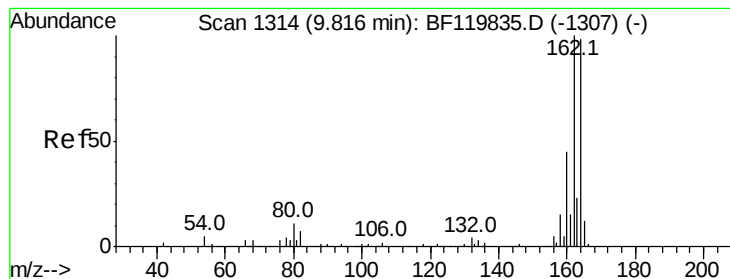


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

Instrument :

BNA_F

ClientSampleId :

PB128487BS

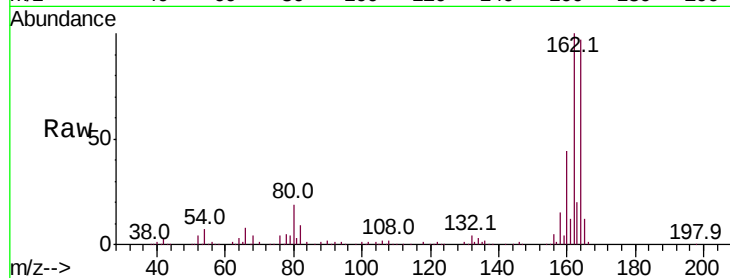
Tot Ion:164 Resp: 259199

Ion Ratio Lower Upper

164 100

162 103.1 80.6 121.0

160 45.7 35.7 53.5

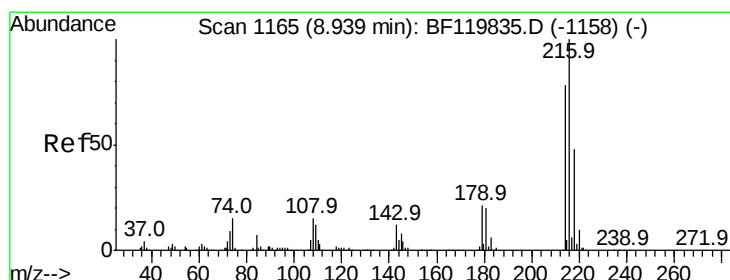
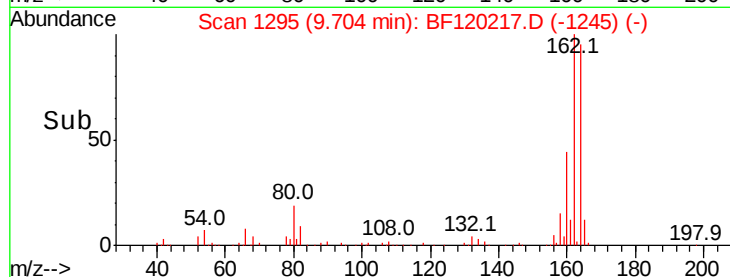
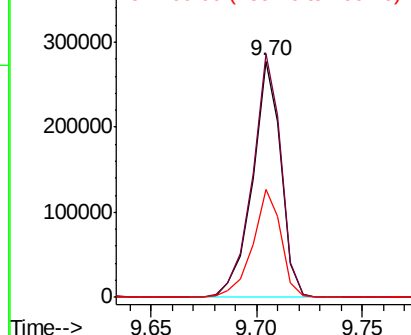


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.185 ng

RT: 8.83 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

Tgt Ion:216 Resp: 345350

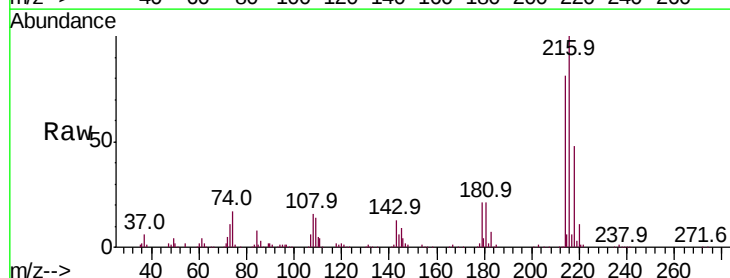
Ion Ratio Lower Upper

216 100

214 80.9 63.2 94.8

179 21.5 17.1 25.7

108 19.0 15.1 22.7



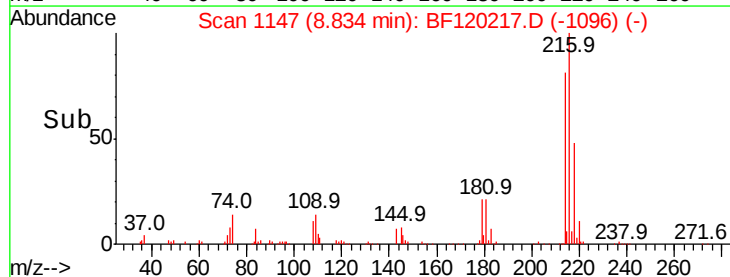
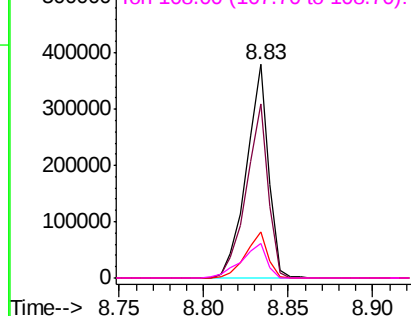
Abundance

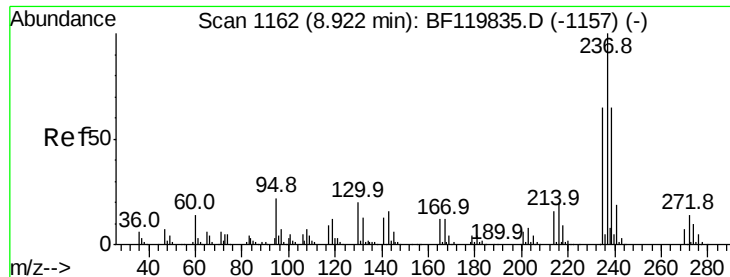
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 66.455 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

Instrument :

BNA_F

ClientSampleId :

PB128487BS

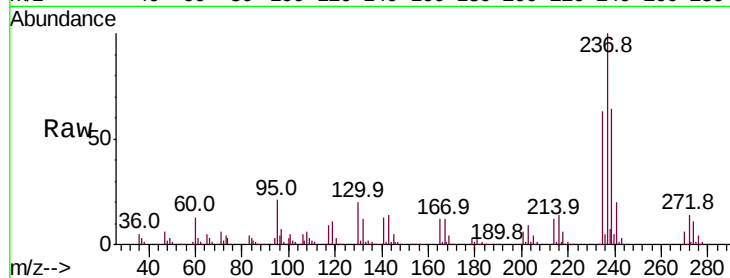
Tot Ion:237 Resp: 309362

Ion Ratio Lower Upper

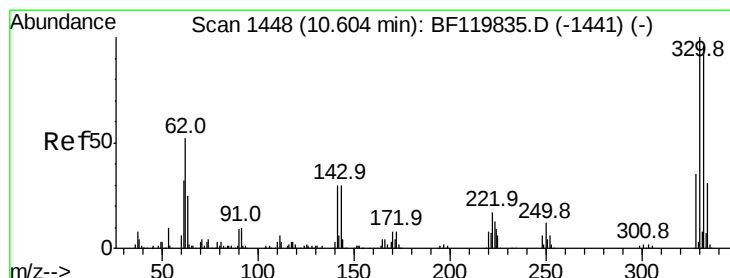
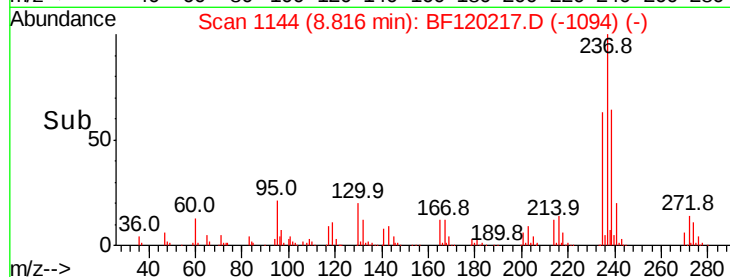
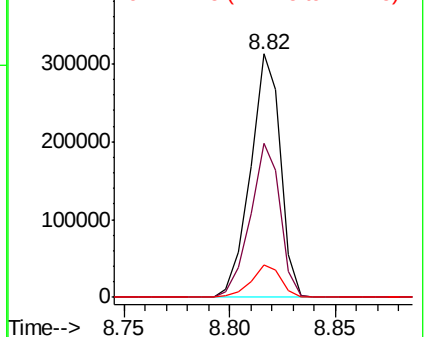
237 100

235 63.1 43.2 83.2

272 13.6 0.0 34.1



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 108.858 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

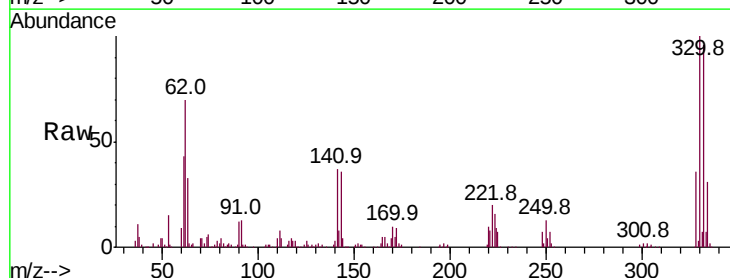
Tgt Ion:330 Resp: 345459

Ion Ratio Lower Upper

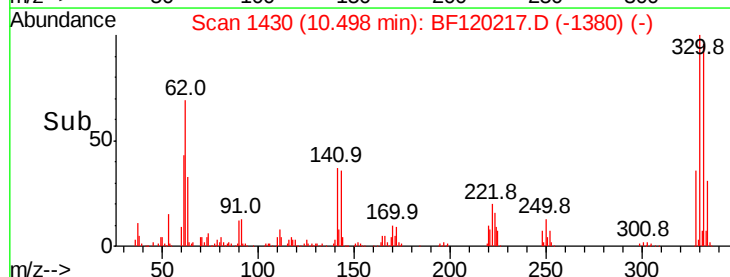
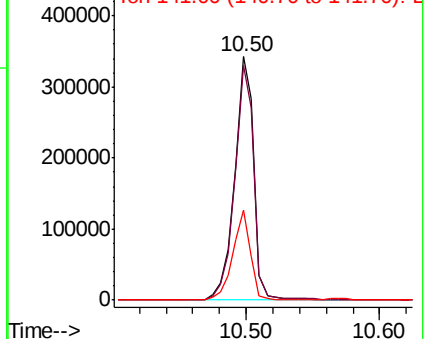
330 100

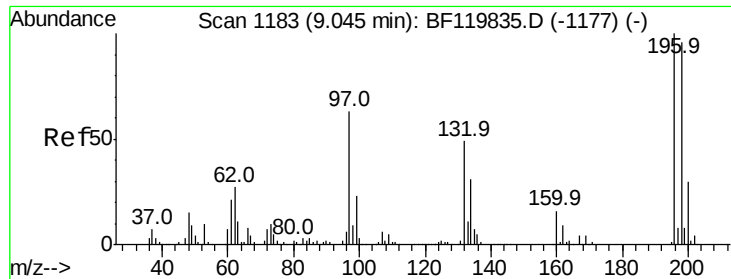
332 96.3 75.7 113.5

141 34.7 25.4 38.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

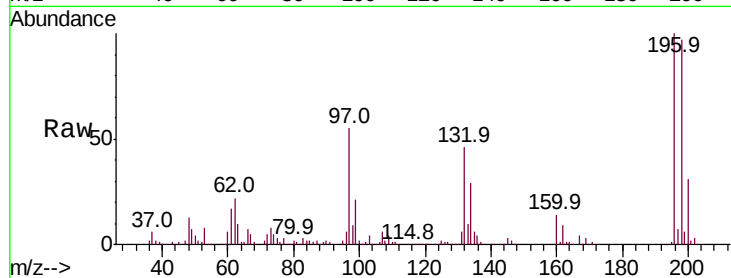




#43
 2,4,6-Trichlorophenol
 Concen: 42.670 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF120217.D
 Acq: 27 Apr 2020 14:28

Instrument :
 BNA_F
 ClientSampleId :
 PB128487BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.2	76.6	115.0
200	31.1	24.6	36.8

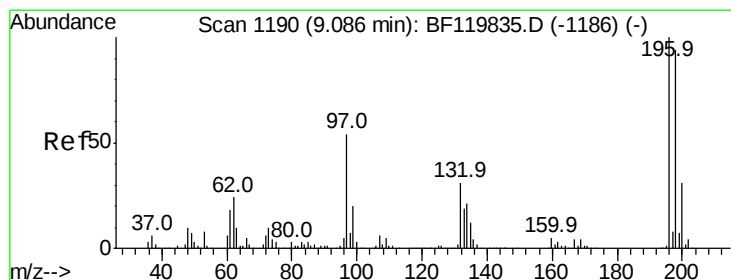
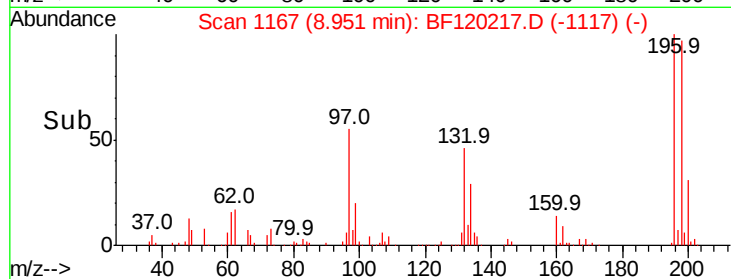
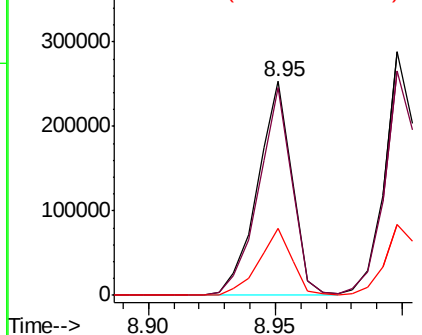


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 39.830 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF120217.D
 Acq: 27 Apr 2020 14:28

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.1	73.8	110.8
97	50.5	42.6	63.8
132	30.2	24.0	36.0

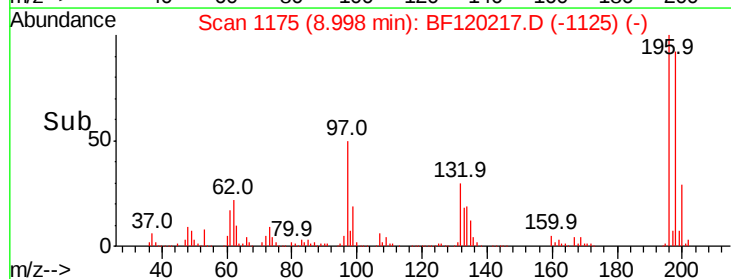
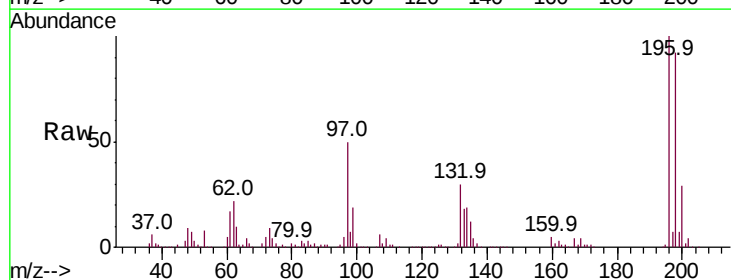
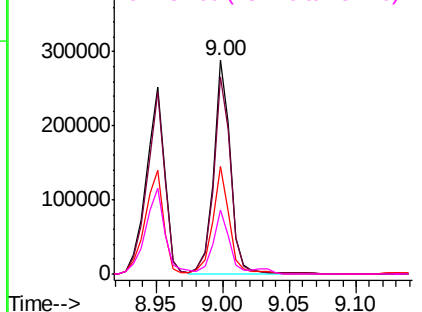
Abundance

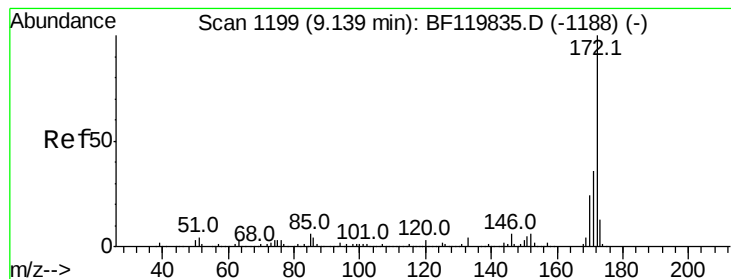
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 85.689 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

Instrument :

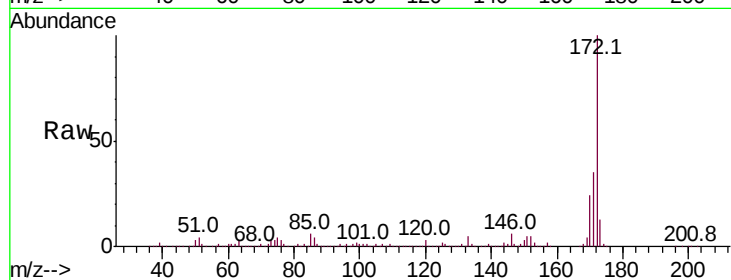
BNA_F

ClientSampleId :

PB128487BS

Tot Ion:172 Resp: 1564357

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	23.8	20.2	30.2

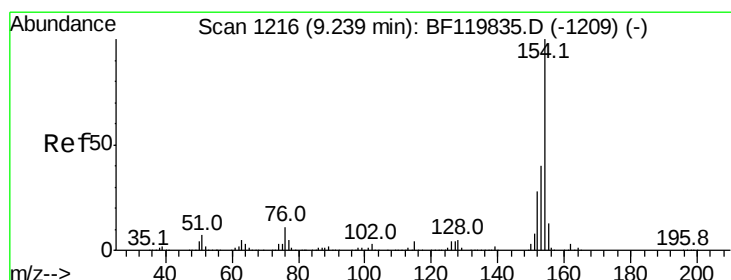
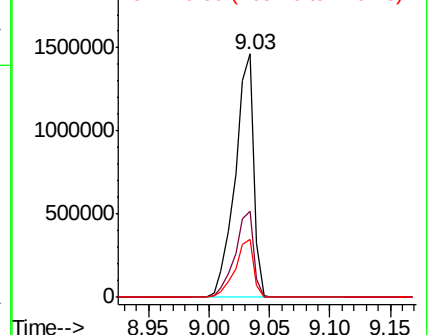
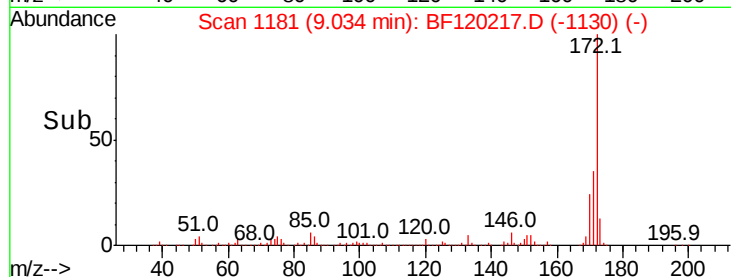


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 42.912 ng

RT: 9.13 min Scan# 1198

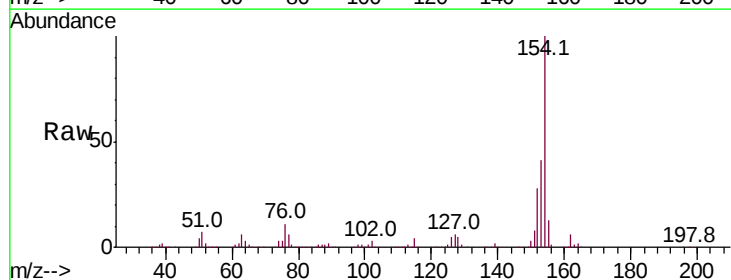
Delta R.T. -0.00 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

Tgt Ion:154 Resp: 938824

Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.4	61.4
76	11.4	0.0	33.0

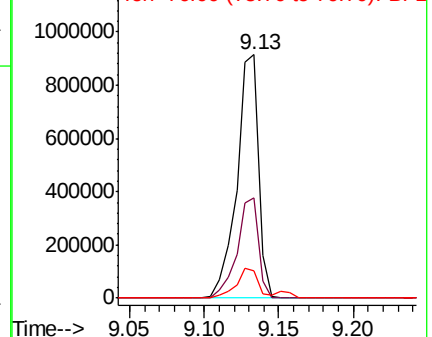
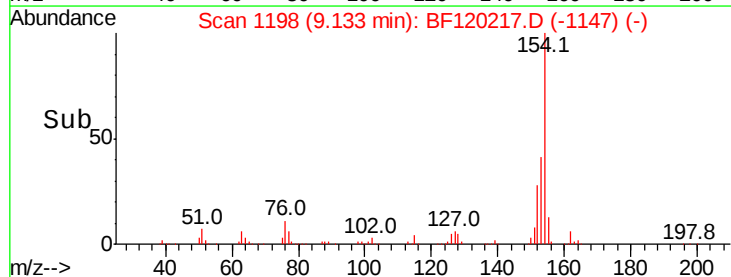


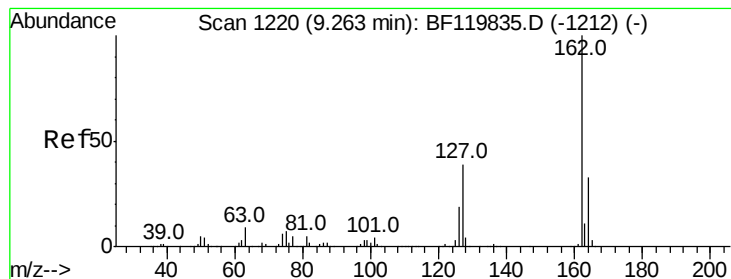
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 43.309 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

Instrument :

BNA_F

ClientSampleId :

PB128487BS

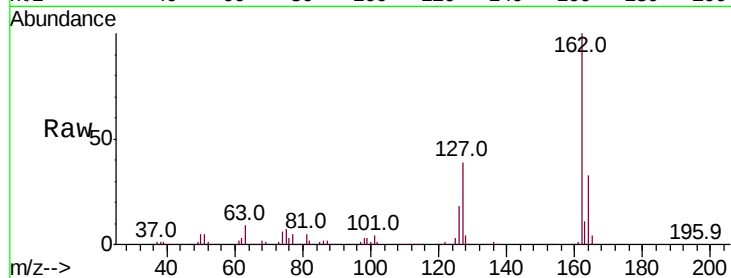
Tot Ion:162 Resp: 729903

Ion Ratio Lower Upper

162 100

127 38.8 33.7 50.5

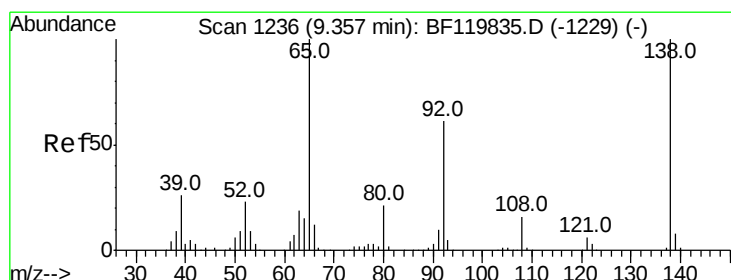
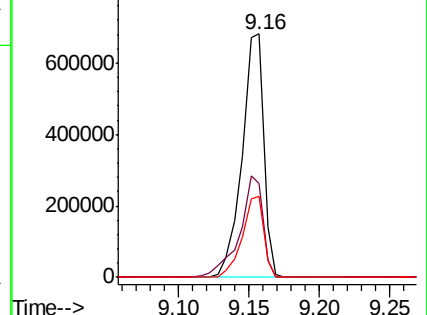
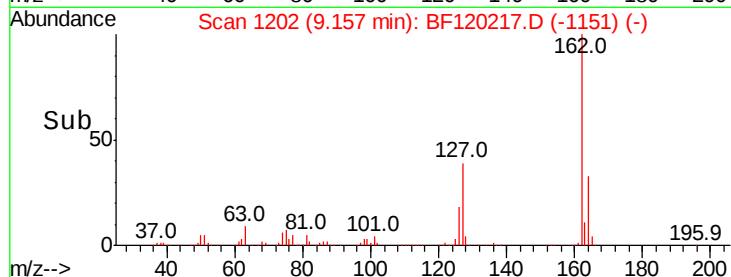
164 33.1 26.3 39.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 42.577 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

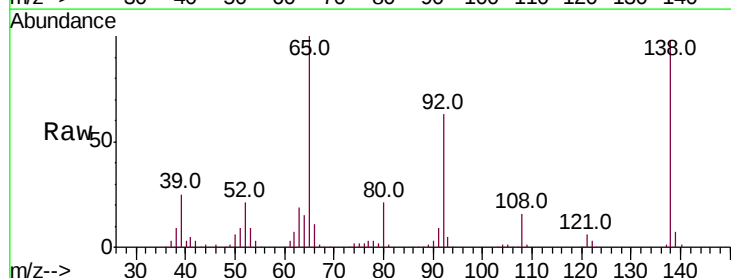
Tgt Ion: 65 Resp: 260039

Ion Ratio Lower Upper

65 100

92 63.4 50.0 75.0

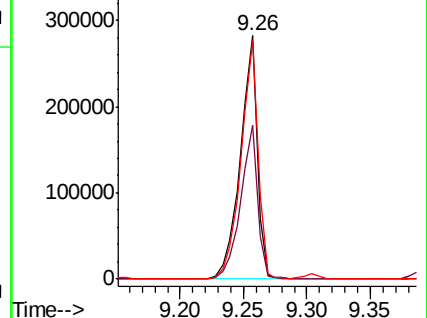
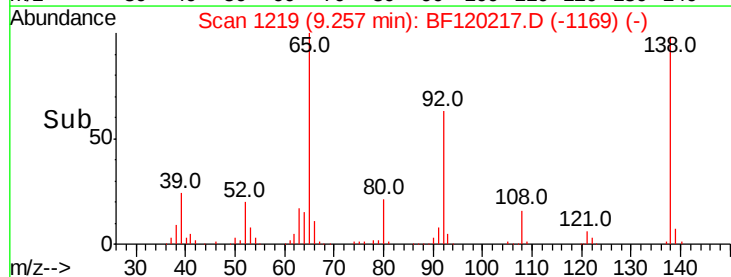
138 97.8 75.0 112.4

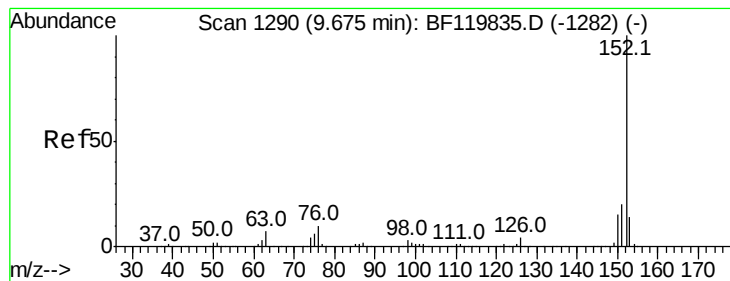


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.749 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

Instrument :

BNA_F

ClientSampleId :

PB128487BS

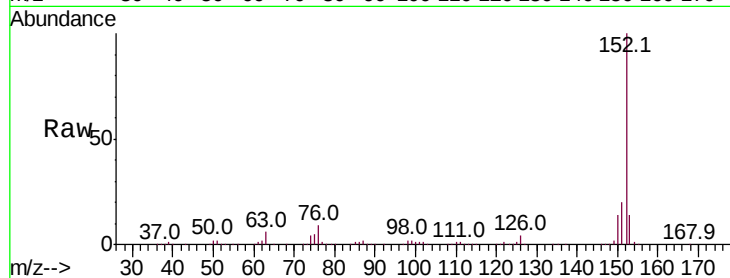
Tot Ion:152 Resp: 1146958

Ion Ratio Lower Upper

152 100

151 20.1 17.2 25.8

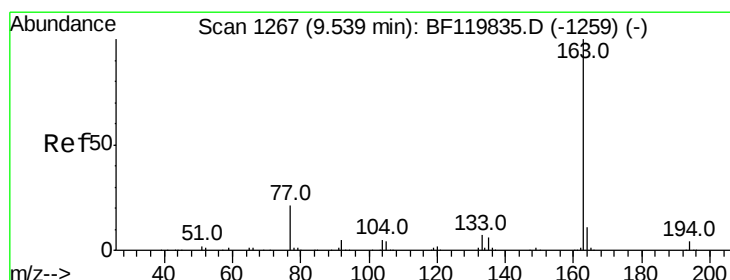
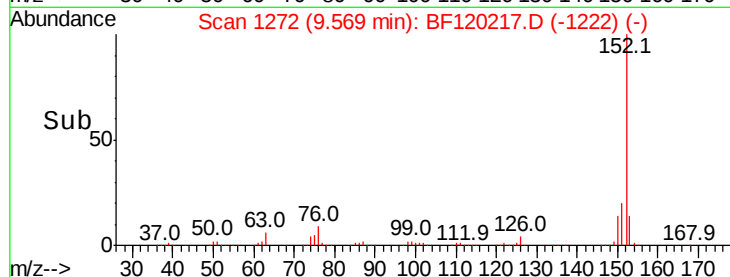
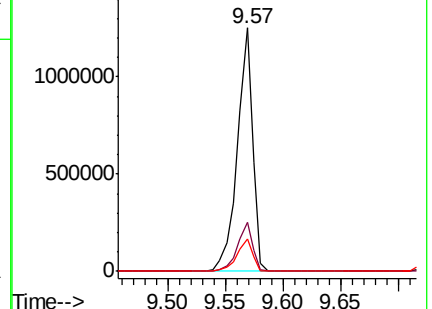
153 13.6 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.513 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.00 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

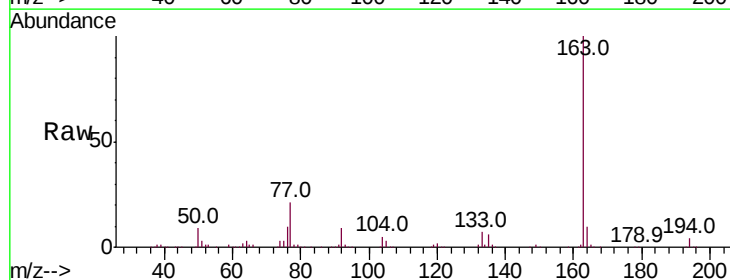
Tgt Ion:163 Resp: 852339

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

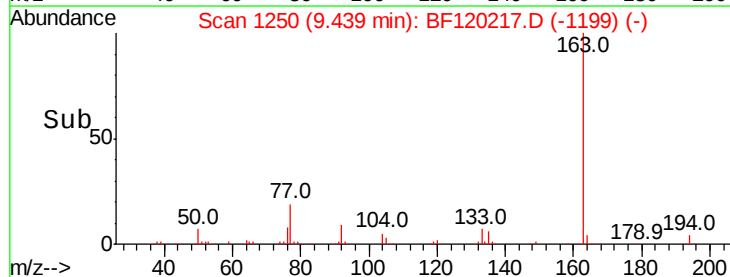
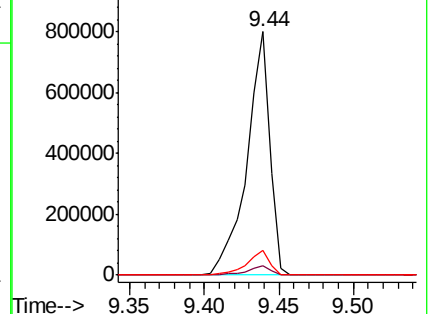
164 10.2 8.2 12.2

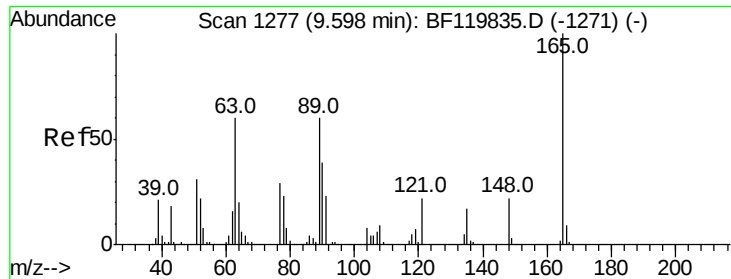


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

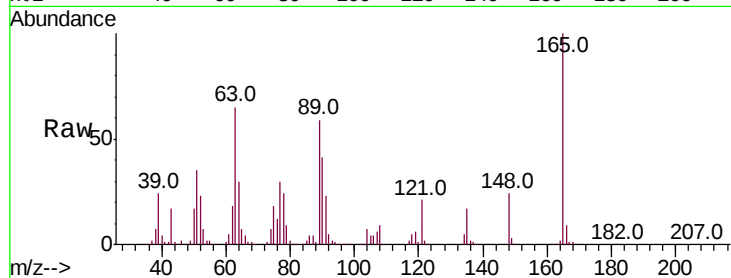




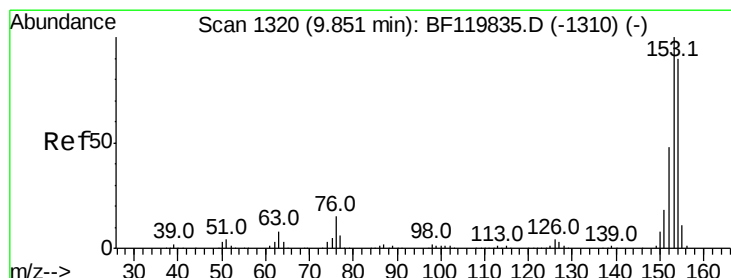
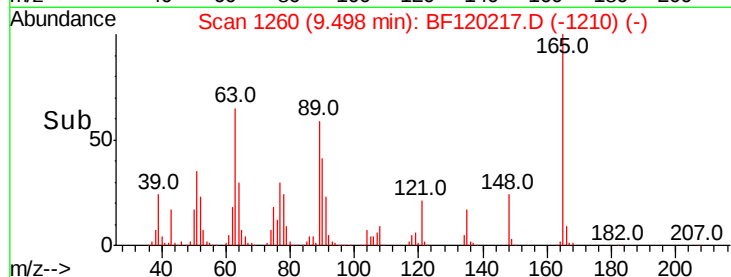
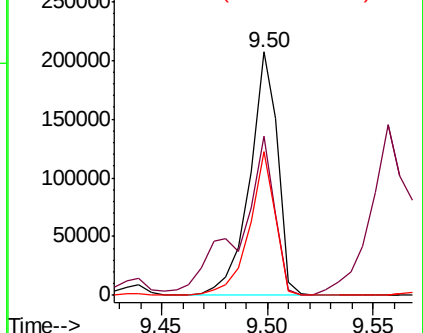
#51
2,6-Dinitrotoluene
Concen: 43.394 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Instrument :
BNA_F
ClientSampleId :
PB128487BS

Tot Ion:165 Resp: 190515
Ion Ratio Lower Upper
165 100
63 65.5 45.0 67.4
89 59.0 41.5 62.3

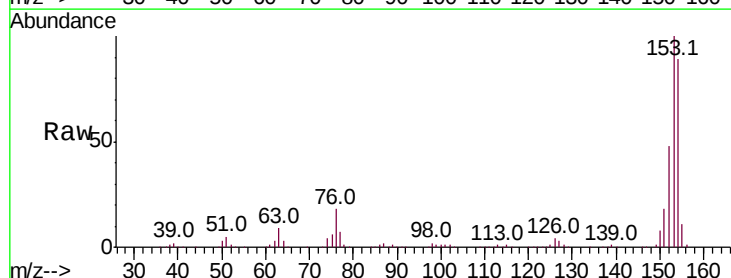


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

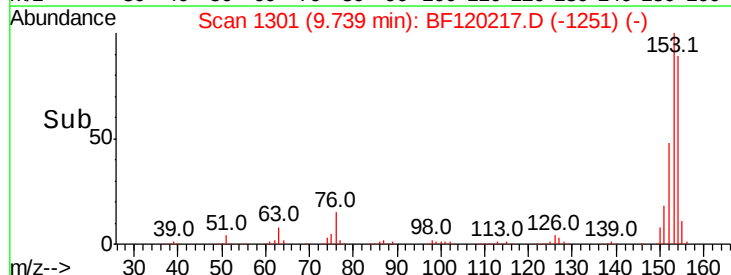
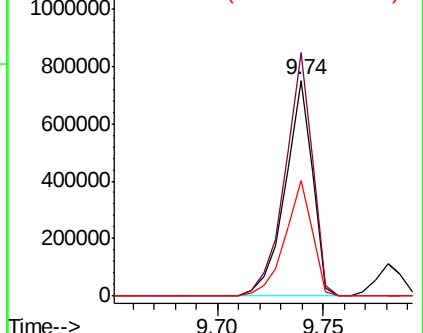


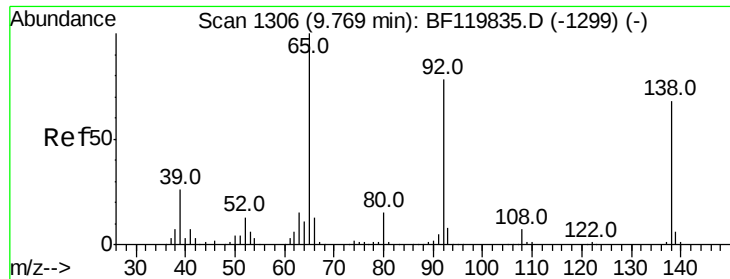
#52
Acenaphthene
Concen: 39.830 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Tgt Ion:154 Resp: 680994
Ion Ratio Lower Upper
154 100
153 112.9 88.1 132.1
152 53.7 43.0 64.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 24.102 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

Instrument :

BNA_F

ClientSampleId :

PB128487BS

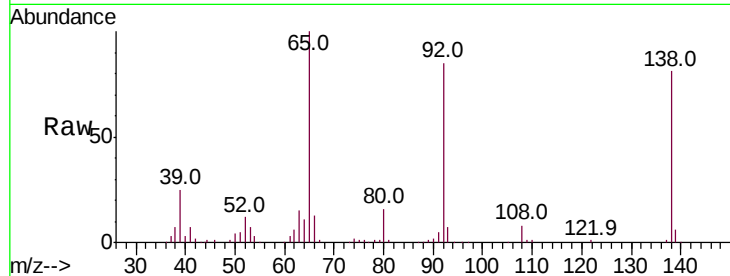
Tot Ion:138 Resp: 120851

Ion Ratio Lower Upper

138 100

108 10.2 8.6 13.0

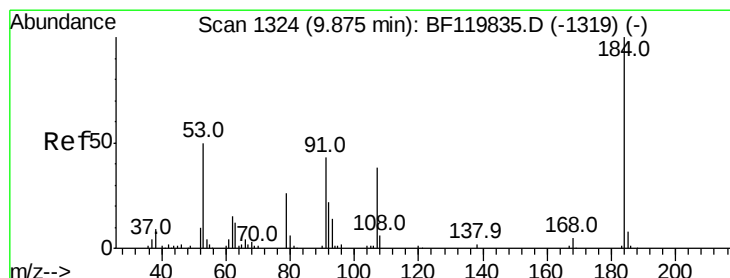
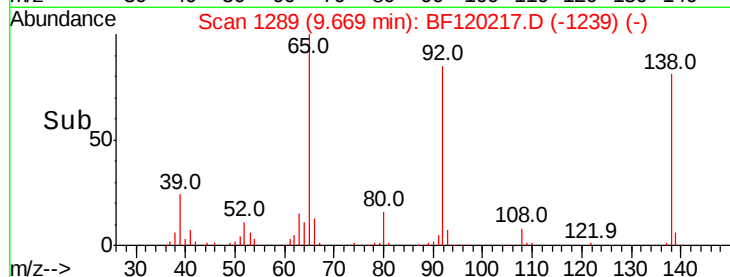
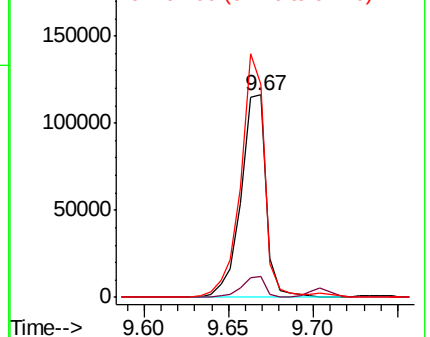
92 105.2 95.4 143.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 72.084 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

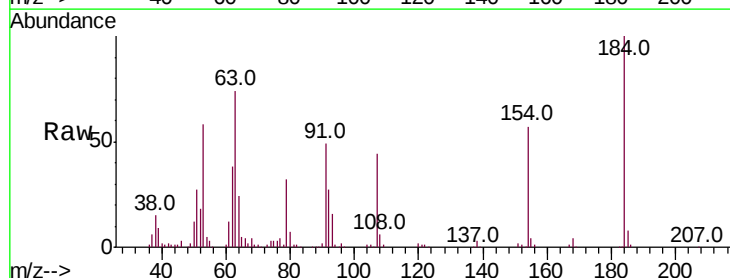
Tgt Ion:184 Resp: 189471

Ion Ratio Lower Upper

184 100

63 73.7 50.2 75.4

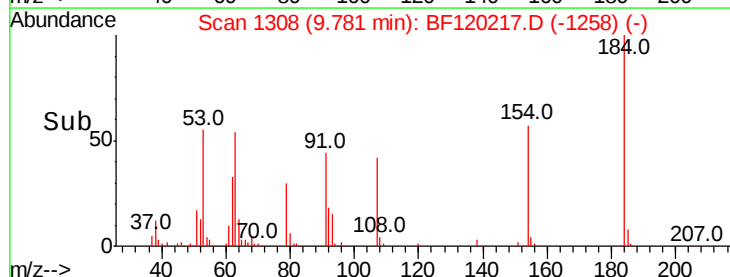
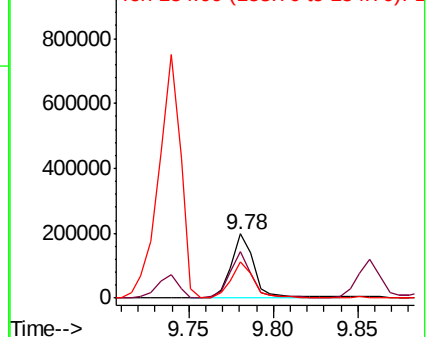
154 56.7 44.5 66.7

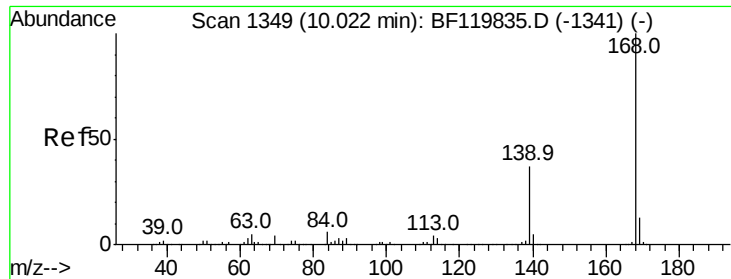


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

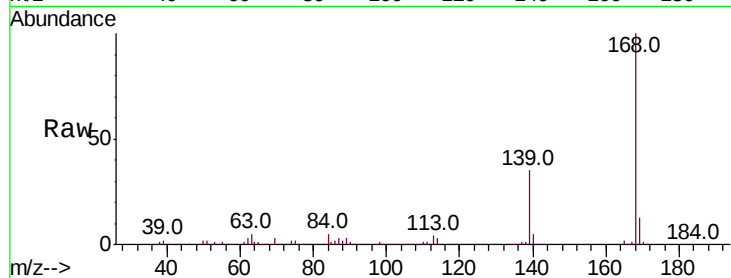




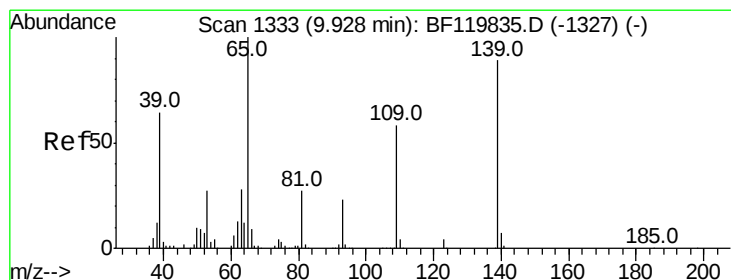
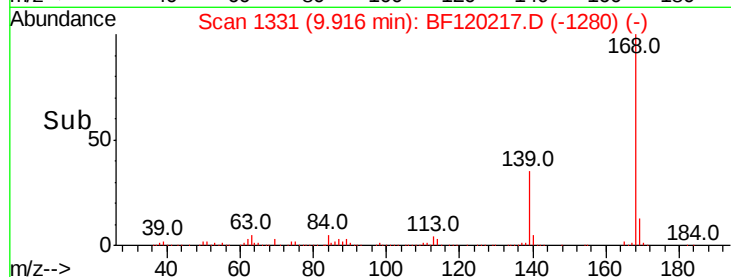
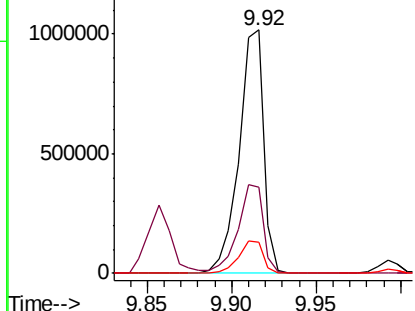
#55
Dibenzofuran
Concen: 44.023 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Instrument :
BNA_F
ClientSampleId :
PB128487BS

Tot Ion:168 Resp: 1032875
Ion Ratio Lower Upper
168 100
139 35.2 30.1 45.1
169 12.8 11.0 16.6

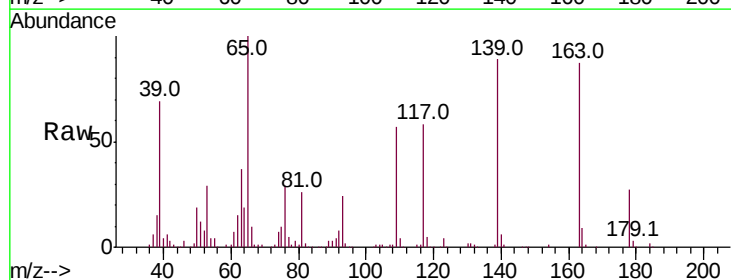


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

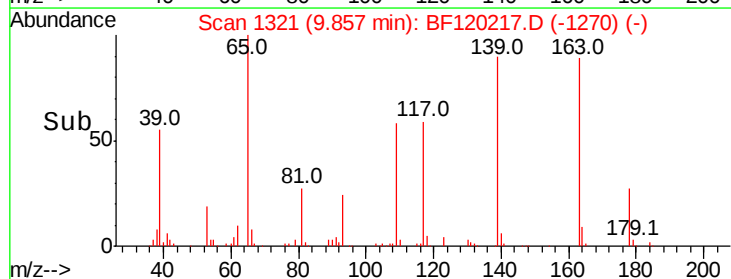
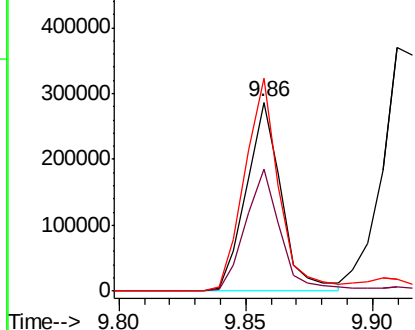


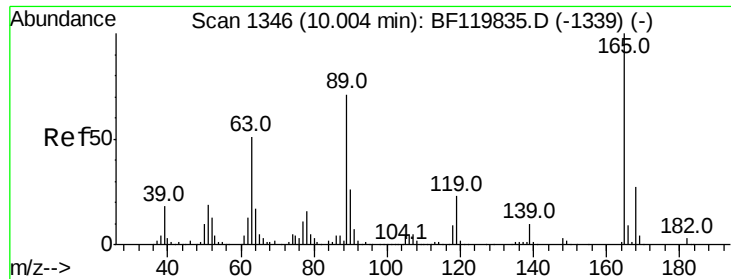
#56
4-Nitrophenol
Concen: 74.420 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Tgt Ion:139 Resp: 277647
Ion Ratio Lower Upper
139 100
109 64.7 43.3 83.3
65 112.6 91.0 131.0



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

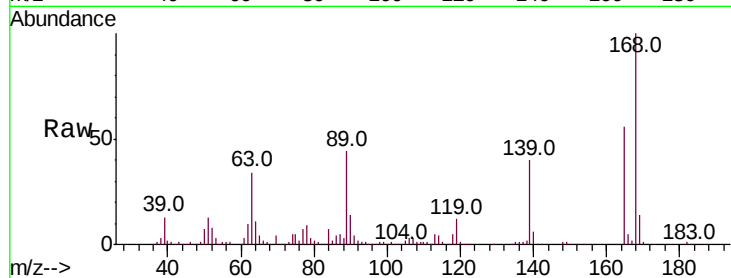




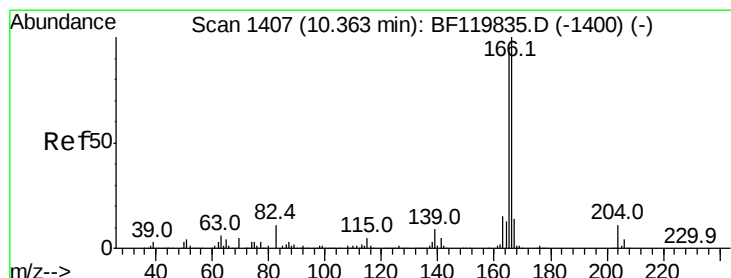
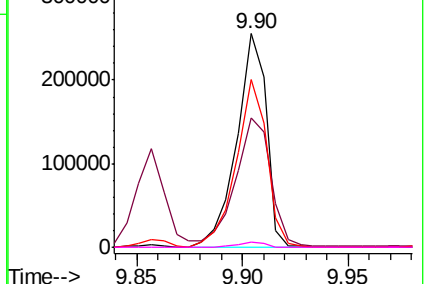
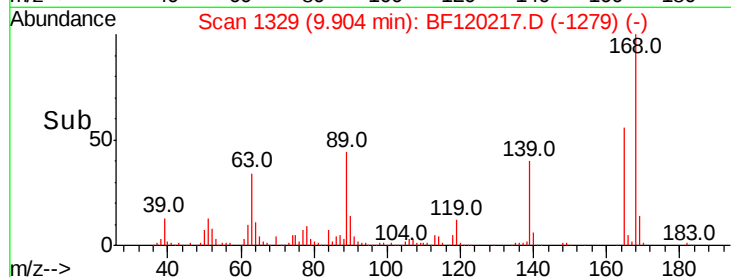
#57
 2,4-Dinitrotoluene
 Concen: 42.832 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF120217.D
 Acq: 27 Apr 2020 14:28

Instrument :
 BNA_F
 ClientSampleId :
 PB128487BS

Tot Ion:165	Resp:	247756
Ion	Ratio	Lower Upper
165	100	
63	60.7	42.6 64.0
89	78.3	61.0 91.4
182	2.4	2.2 3.2

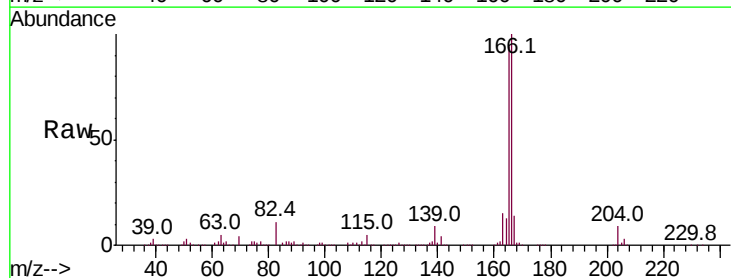


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

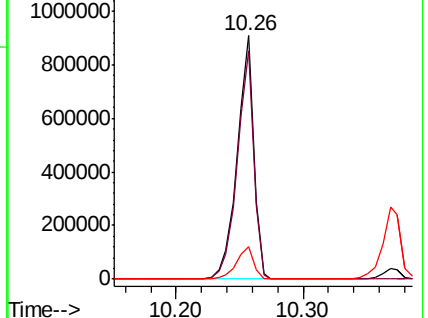
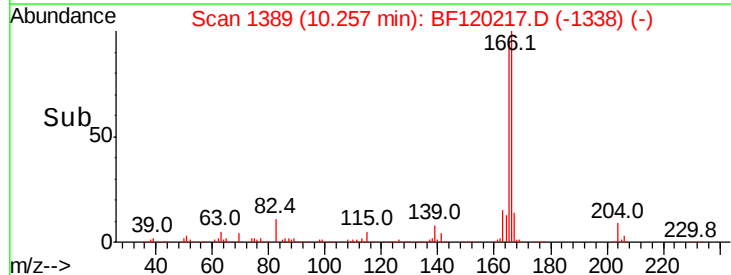


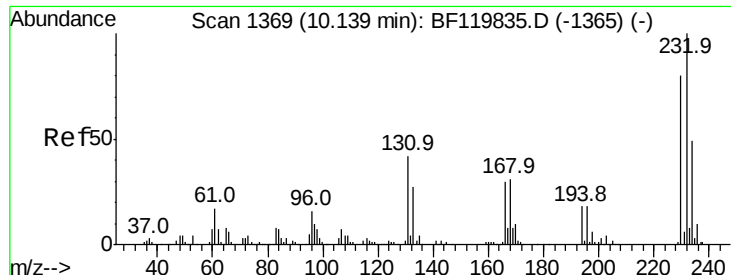
#58
 Fluorene
 Concen: 43.131 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BF120217.D
 Acq: 27 Apr 2020 14:28

Tgt Ion:166	Resp:	809307
Ion	Ratio	Lower Upper
166	100	
165	94.0	75.4 113.2
167	13.6	11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

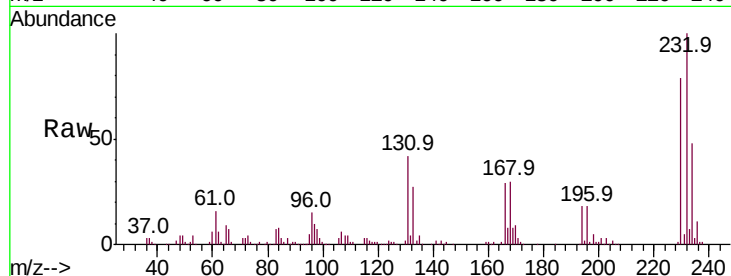




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.208 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Instrument :
BNA_F
ClientSampleId :
PB128487BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.0	37.5	56.3
130	2.2	1.8	2.6
166	31.7	24.6	36.8



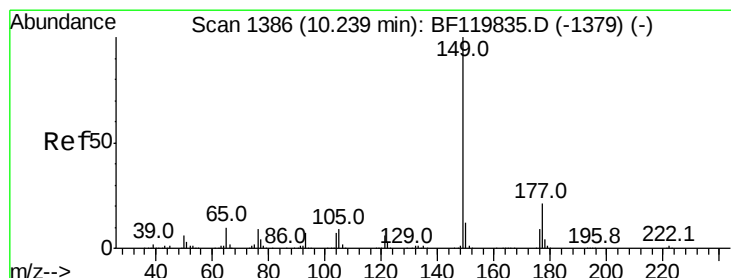
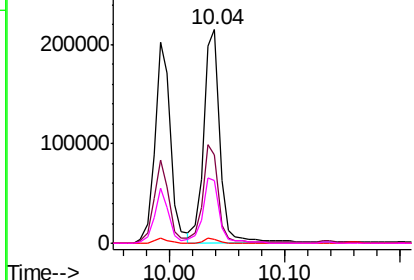
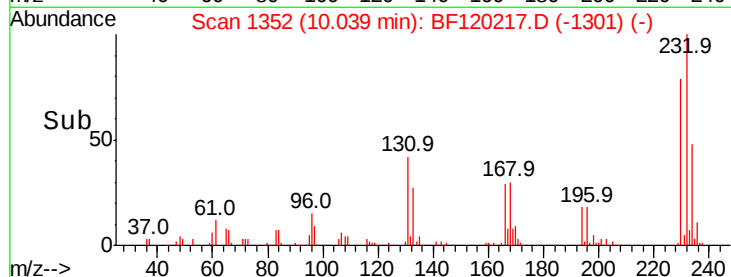
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

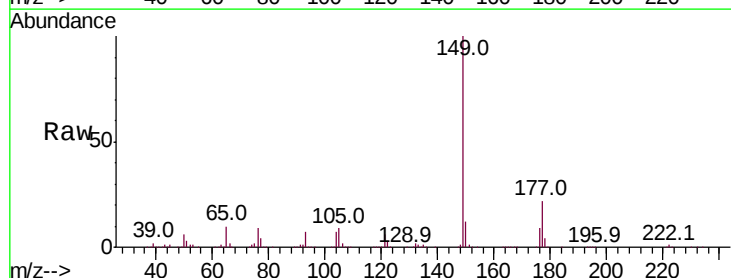
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 42.271 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.0	25.6
150	12.3	10.1	15.1

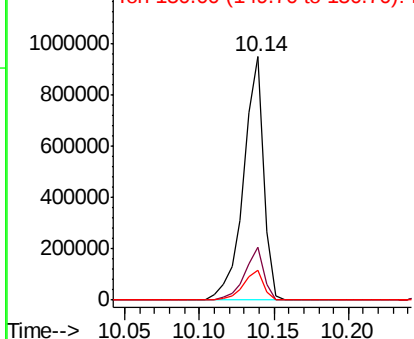
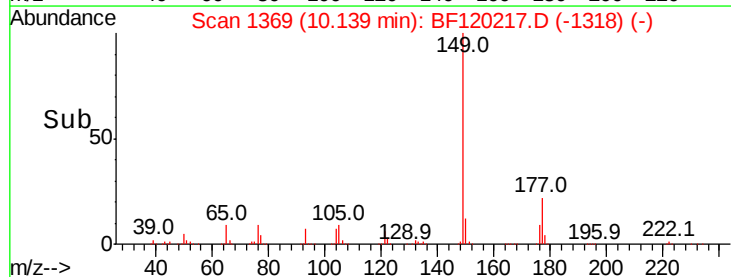


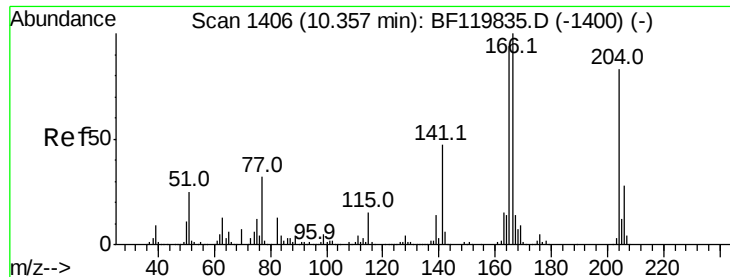
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

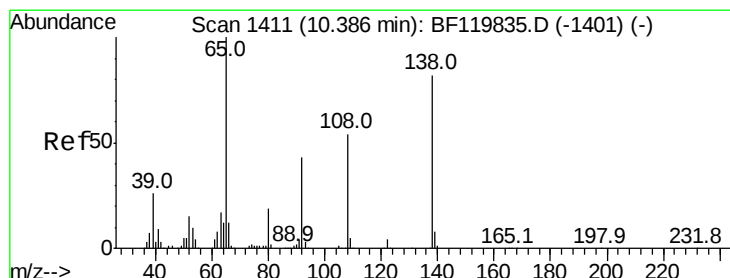
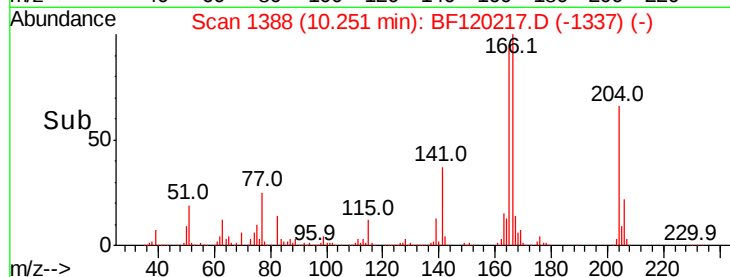
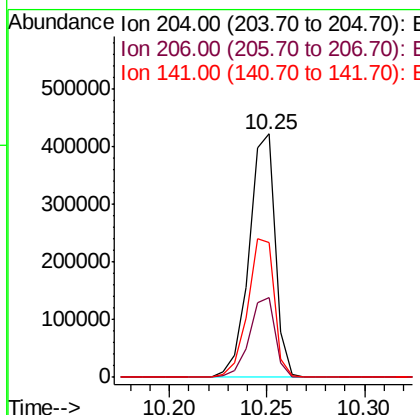
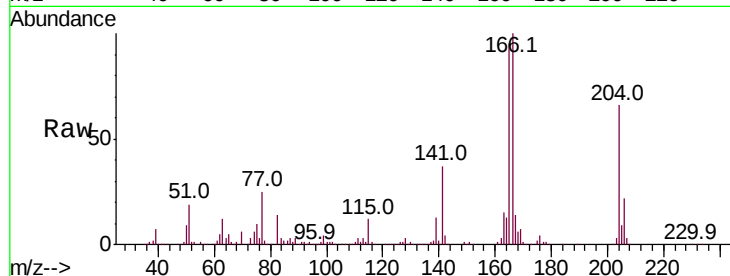




#61
 4-Chlorophenyl-phenylether
 Concen: 40.851 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: BF120217.D
 Acq: 27 Apr 2020 14:28

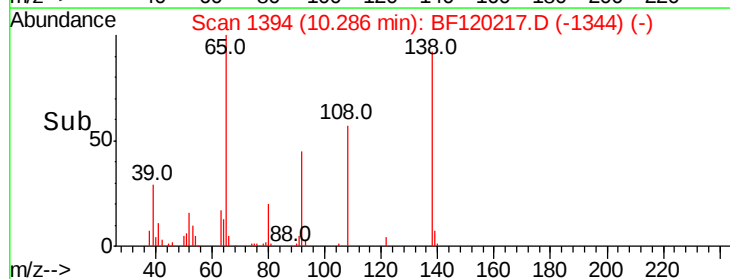
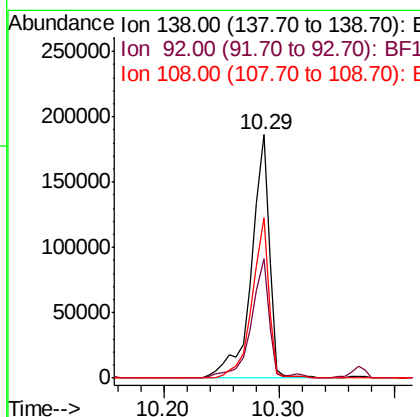
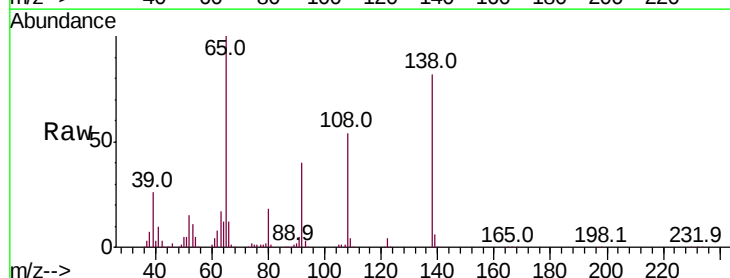
Instrument :
 BNA_F
 ClientSampleId :
 PB128487BS

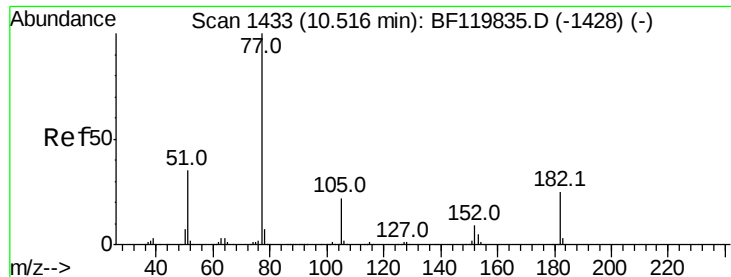
Tot Ion:204 Resp: 392867
 Ion Ratio Lower Upper
 204 100
 206 32.8 26.7 40.1
 141 55.4 47.3 70.9



#62
 4-Nitroaniline
 Concen: 42.306 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF120217.D
 Acq: 27 Apr 2020 14:28

Tgt Ion:138 Resp: 202161
 Ion Ratio Lower Upper
 138 100
 92 49.2 31.5 71.5
 108 65.8 45.8 85.8





#63

Azobenzene

Concen: 44.471 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.00 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

Instrument :

BNA_F

ClientSampleId :

PB128487BS

Tot Ion: 77 Resp: 828135

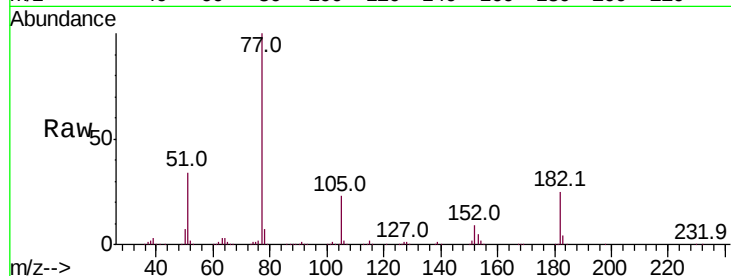
Ion Ratio Lower Upper

77 100

182 25.1 4.4 44.4

105 22.9 2.6 42.6

51 33.5 15.1 55.1

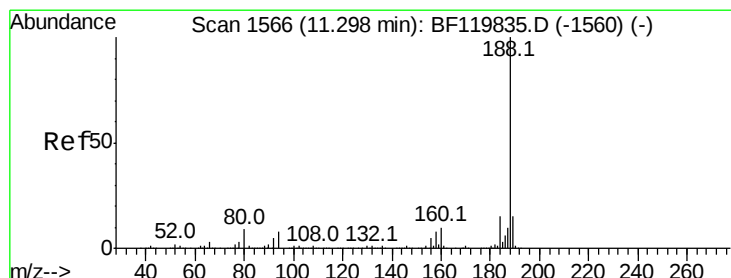
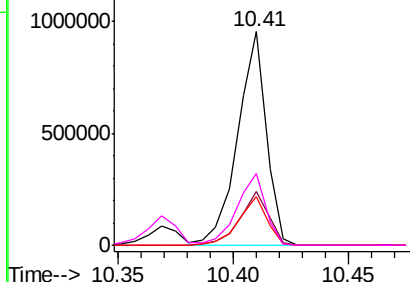
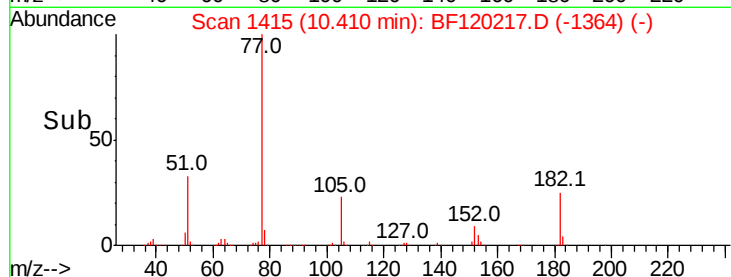


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

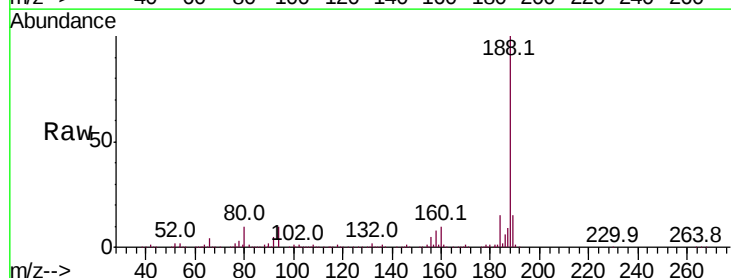
Tgt Ion: 188 Resp: 500746

Ion Ratio Lower Upper

188 100

94 9.7 7.5 11.3

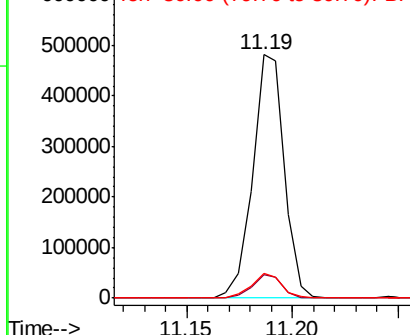
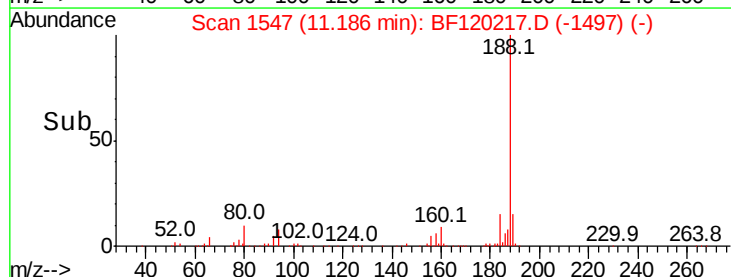
80 10.2 9.0 13.4

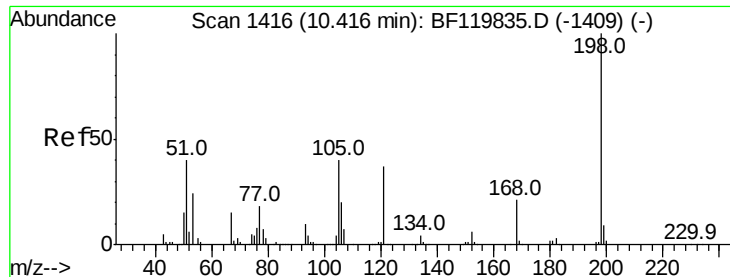


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

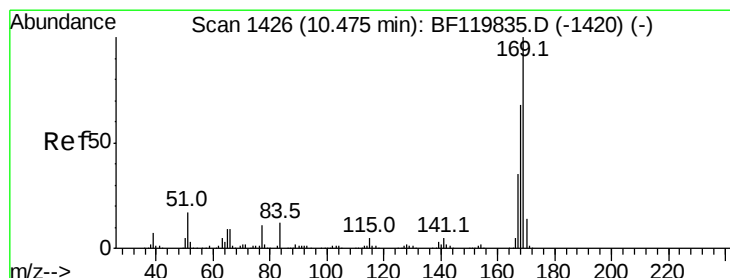
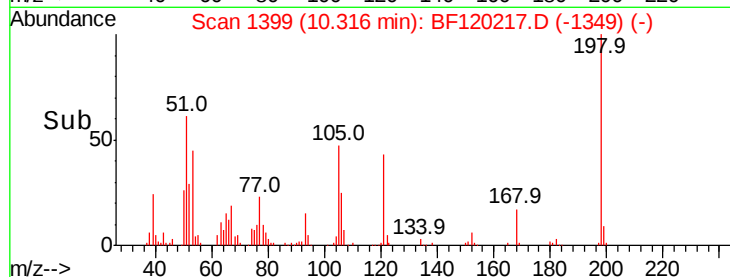
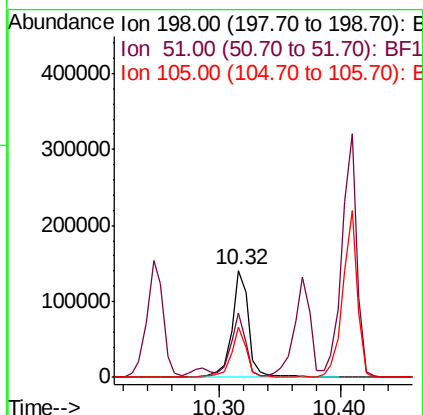
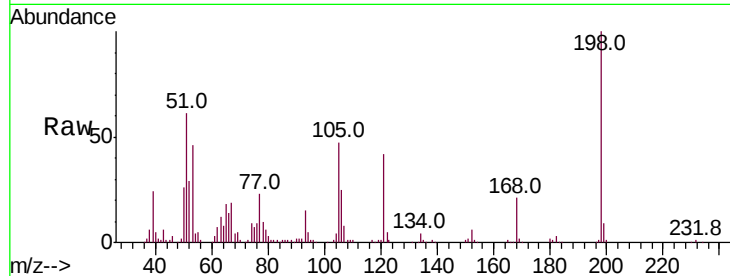




#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.074 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF120217.D
 Acq: 27 Apr 2020 14:28

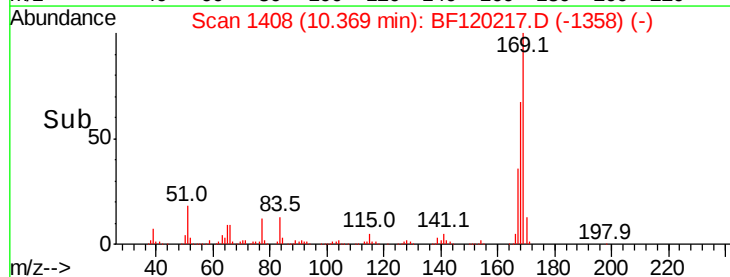
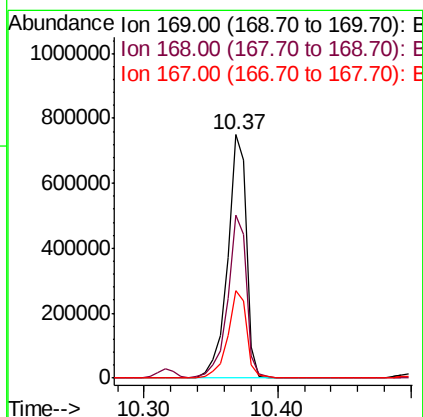
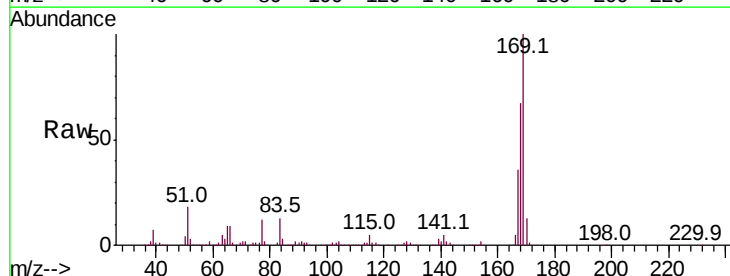
Instrument :
 BNA_F
 ClientSampleId :
 PB128487BS

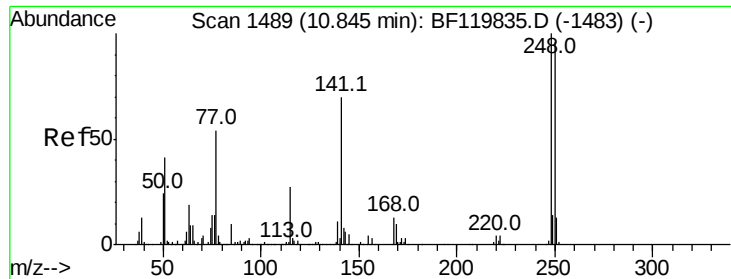
Tot Ion:198 Resp: 135500
 Ion Ratio Lower Upper
 198 100
 51 60.8 29.0 69.0
 105 47.0 22.2 62.2



#66
 n-Nitrosodiphenylamine
 Concen: 44.682 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. -0.01 min
 Lab File: BF120217.D
 Acq: 27 Apr 2020 14:28

Tgt Ion:169 Resp: 744110
 Ion Ratio Lower Upper
 169 100
 168 66.9 53.2 79.8
 167 35.9 29.1 43.7

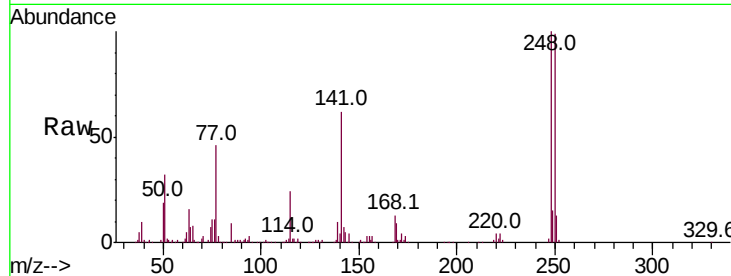




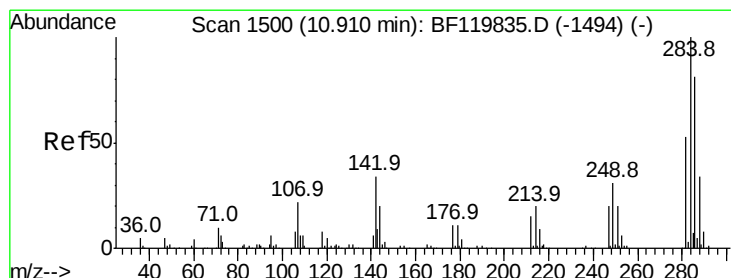
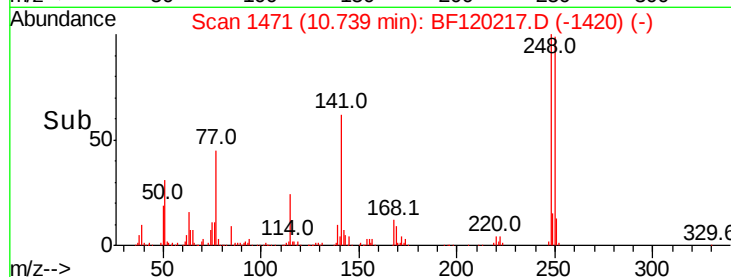
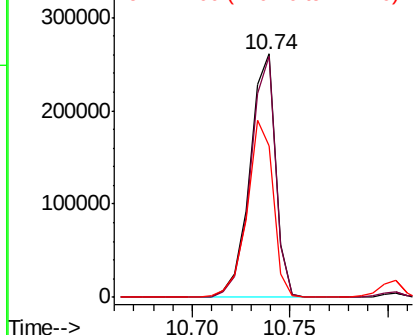
#67
4-Bromophenyl-phenylether
Concen: 38.449 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.00 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Instrument :
BNA_F
ClientSampleId :
PB128487BS

Tot Ion:248 Resp: 239431
Ion Ratio Lower Upper
248 100
250 99.1 77.3 115.9
141 62.4 58.6 87.8

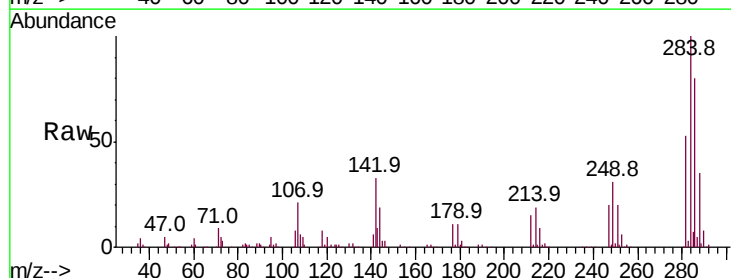


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

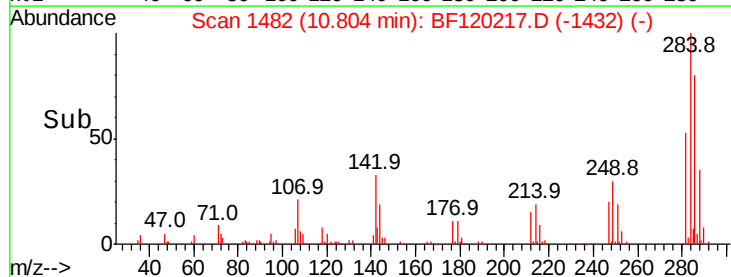
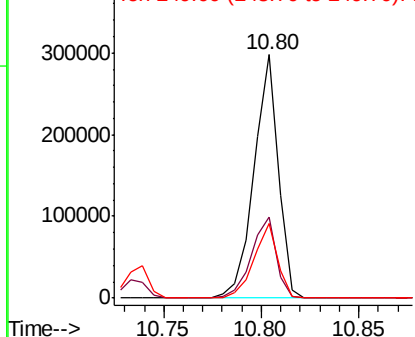


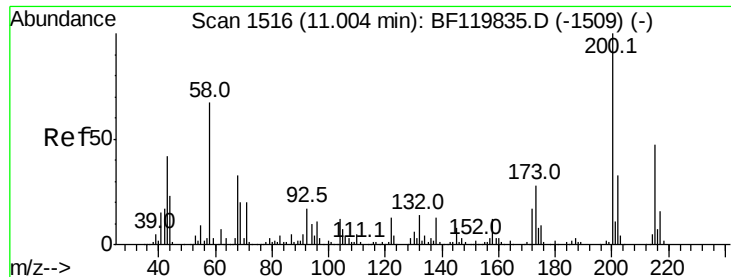
#68
Hexachlorobenzene
Concen: 40.526 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Tgt Ion:284 Resp: 256016
Ion Ratio Lower Upper
284 100
142 33.2 29.2 43.8
249 30.5 25.1 37.7



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 49.311 ng

RT: 10.90 min Scan# 1499

Delta R.T. -0.00 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

Instrument :

BNA_F

ClientSampleId :

PB128487BS

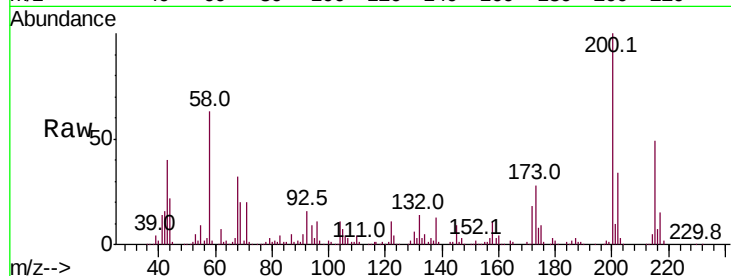
Tot Ion:200 Resp: 228483

Ion Ratio Lower Upper

200 100

173 28.0 9.3 49.3

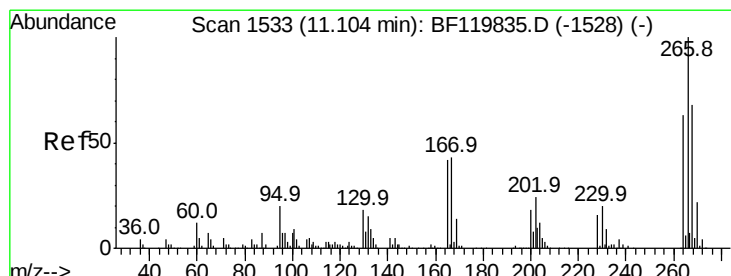
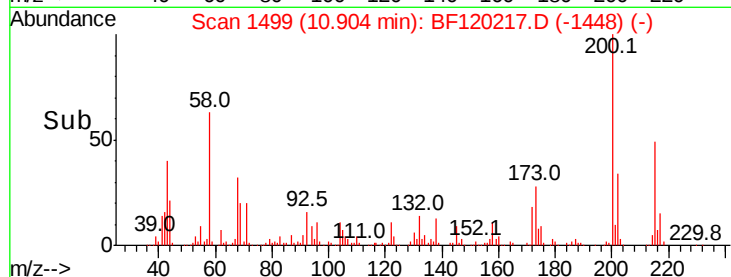
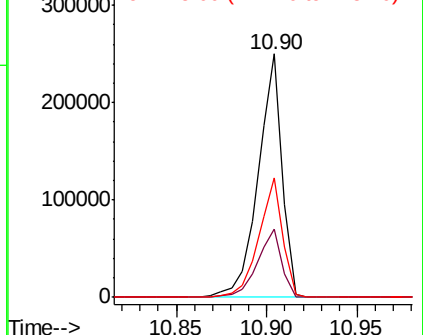
215 48.9 29.5 69.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 62.500 ng

RT: 11.00 min Scan# 1516

Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

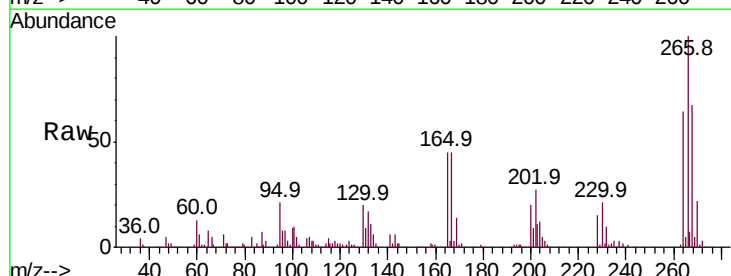
Tgt Ion:266 Resp: 227533

Ion Ratio Lower Upper

266 100

268 66.5 53.3 79.9

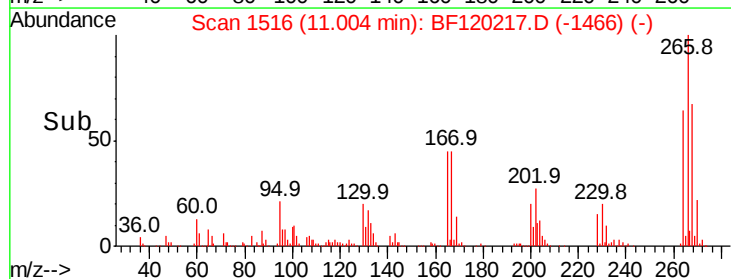
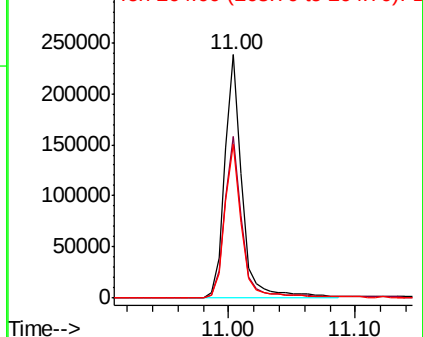
264 63.5 49.0 73.4

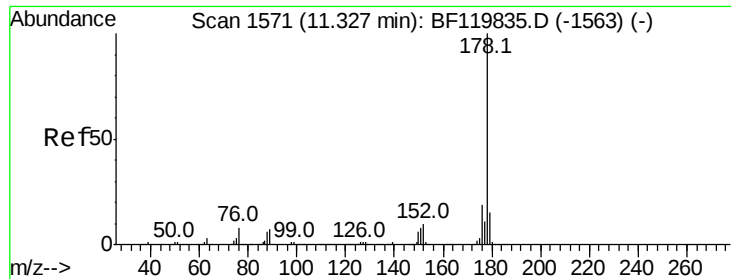


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

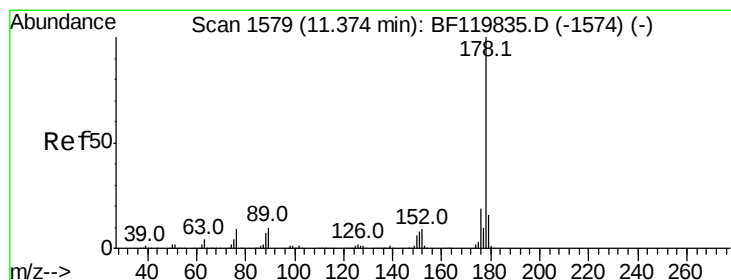
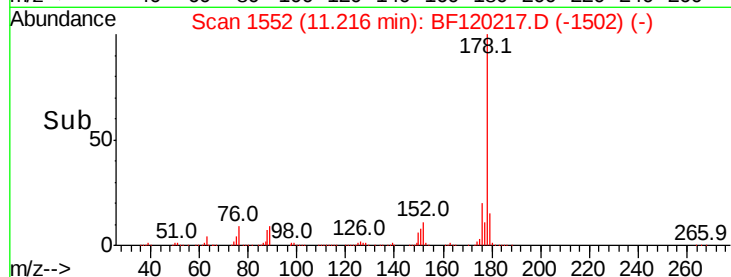
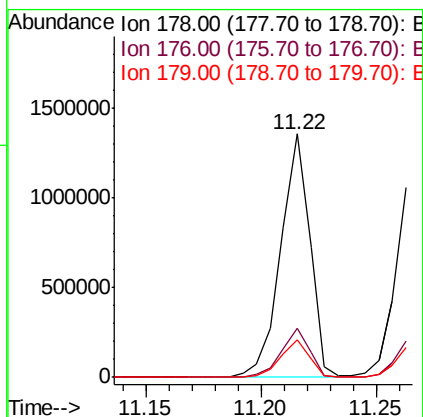
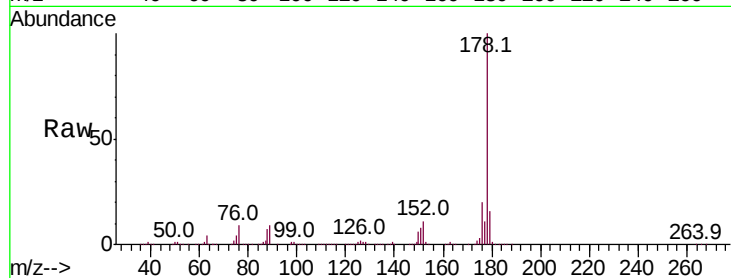




#71
Phenanthrene
Concen: 44.344 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

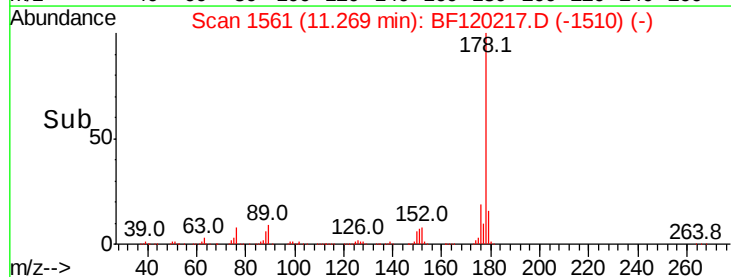
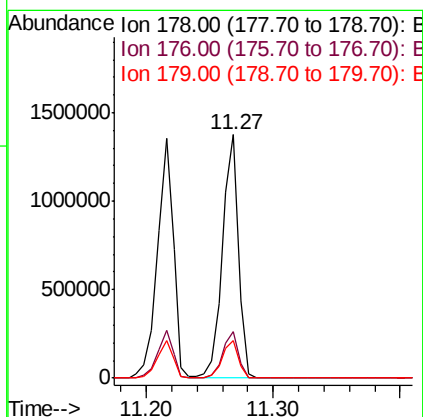
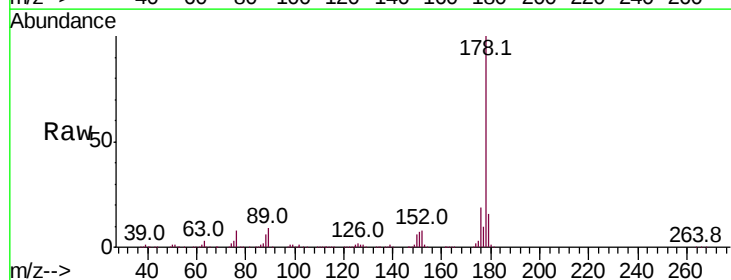
Instrument :
BNA_F
ClientSampleId :
PB128487BS

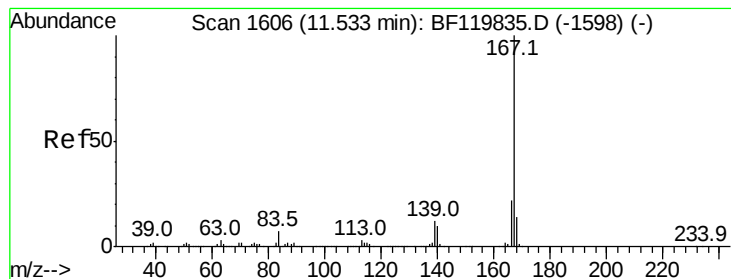
Tot Ion:178 Resp: 1181766
Ion Ratio Lower Upper
178 100
176 19.9 16.2 24.4
179 15.6 13.2 19.8



#72
Anthracene
Concen: 44.764 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Tgt Ion:178 Resp: 1218695
Ion Ratio Lower Upper
178 100
176 19.1 16.1 24.1
179 15.6 13.0 19.4





#73

Carbazole

Concen: 43.725 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

Instrument :

BNA_F

ClientSampleId :

PB128487BS

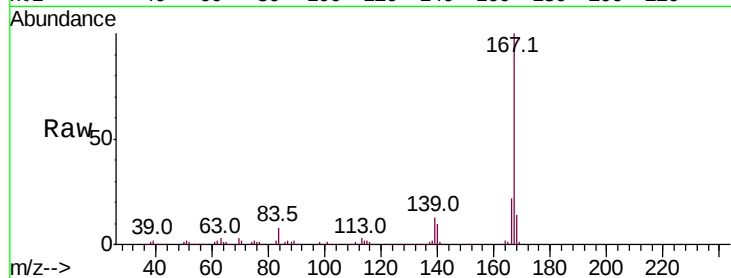
Tot Ion:167 Resp: 1125737

Ion Ratio Lower Upper

167 100

166 21.7 18.2 27.4

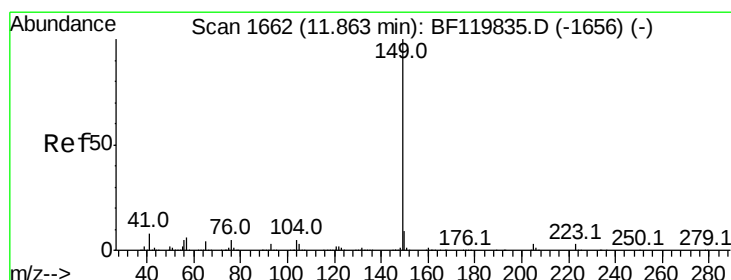
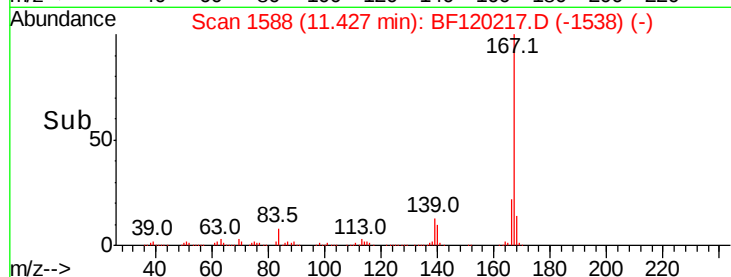
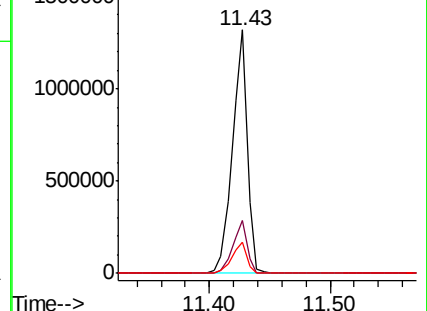
139 12.6 10.7 16.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.211 ng

RT: 11.76 min Scan# 1644

Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

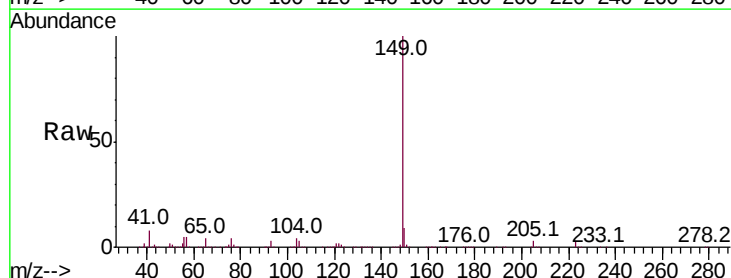
Tgt Ion:149 Resp: 1428651

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.8

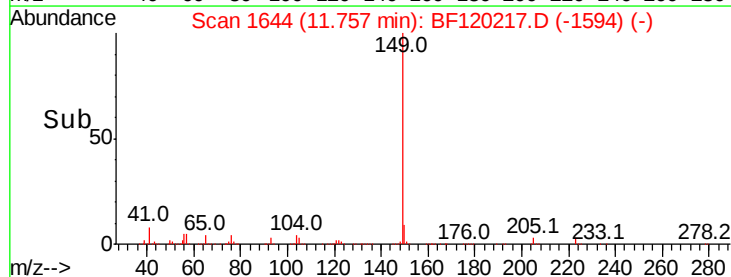
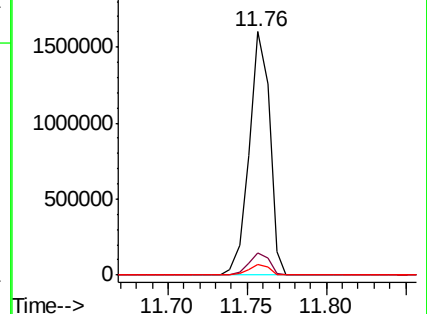
104 4.4 3.6 5.4

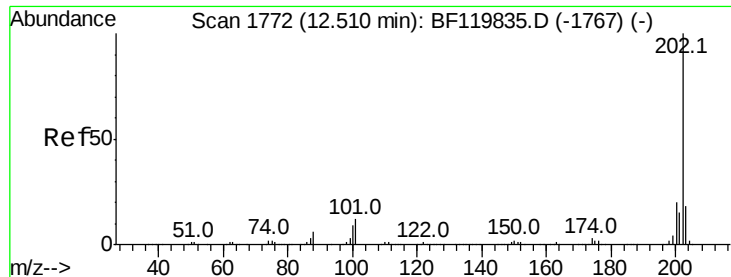


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

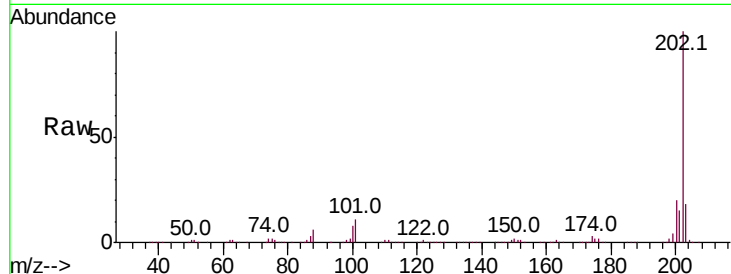




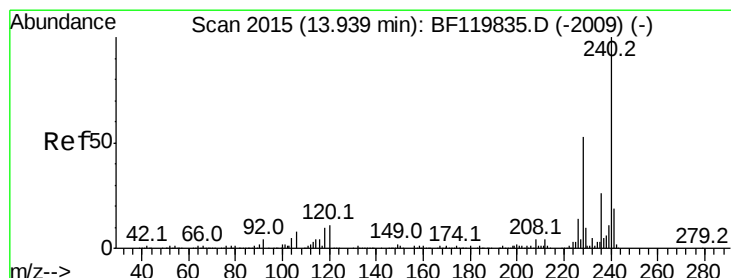
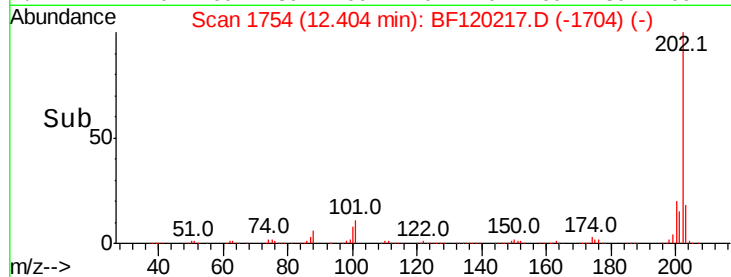
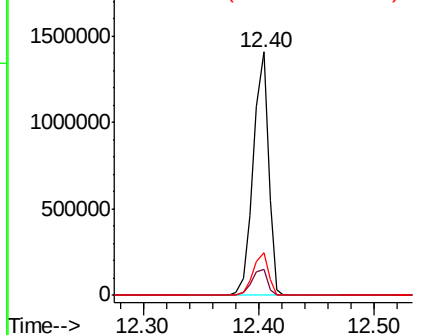
#75
 Fluoranthene
 Concen: 45.186 ng
 RT: 12.40 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BF120217.D
 Acq: 27 Apr 2020 14:28

Instrument :
 BNA_F
 ClientSampleId :
 PB128487BS

Tot Ion:202 Resp: 1299335
 Ion Ratio Lower Upper
 202 100
 101 10.9 0.0 32.2
 203 17.8 0.0 38.8

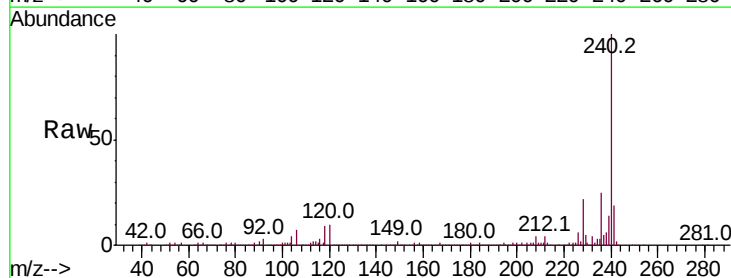


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

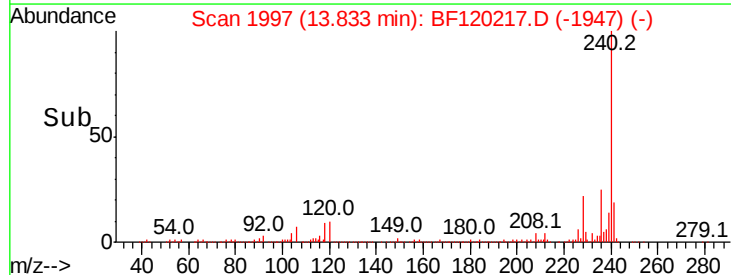
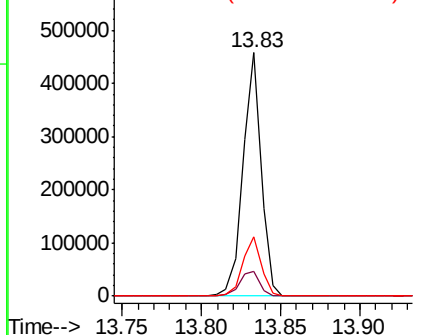


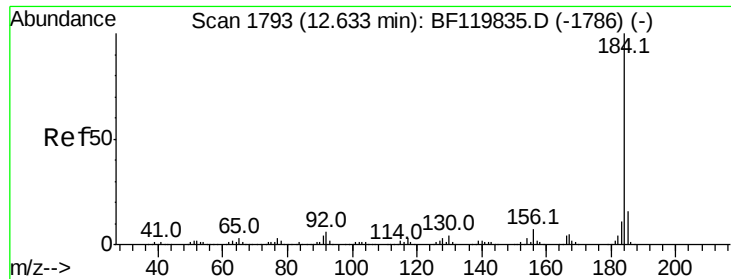
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF120217.D
 Acq: 27 Apr 2020 14:28

Tgt Ion:240 Resp: 363241
 Ion Ratio Lower Upper
 240 100
 120 10.1 10.6 15.8#
 236 24.6 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 57.971 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

Instrument :

BNA_F

ClientSampleId :

PB128487BS

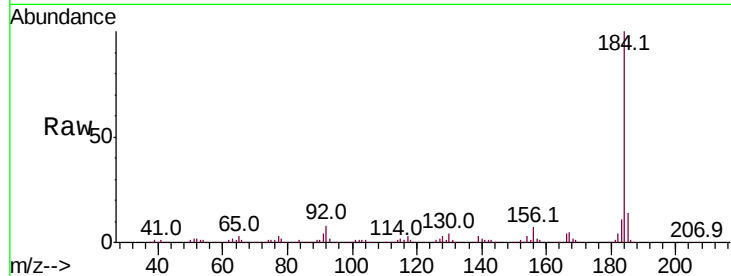
Tot Ion:184 Resp: 711799

Ion Ratio Lower Upper

184 100

185 14.3 12.3 18.5

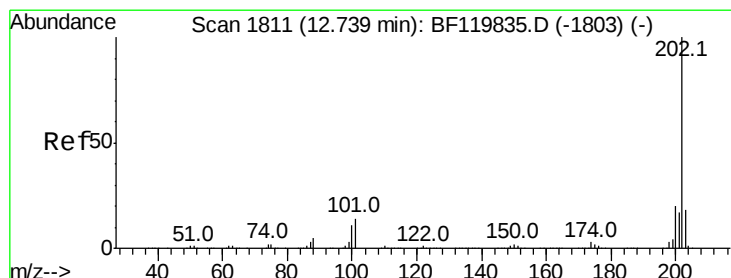
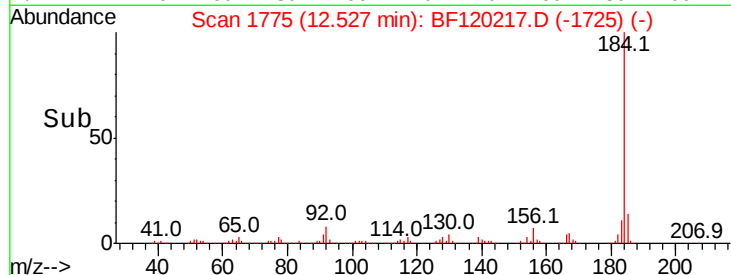
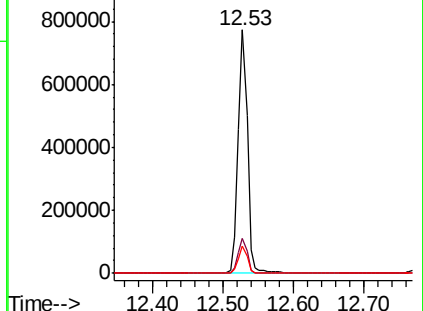
183 11.2 9.0 13.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.813 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

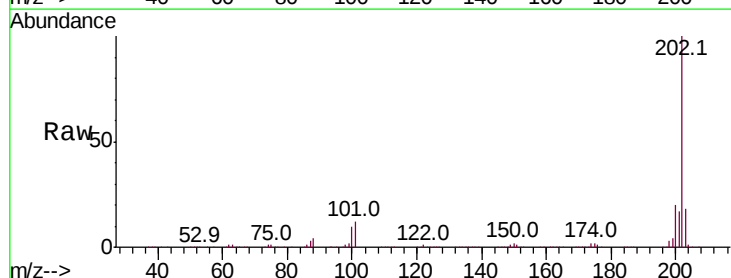
Tgt Ion:202 Resp: 1280393

Ion Ratio Lower Upper

202 100

200 20.3 16.8 25.2

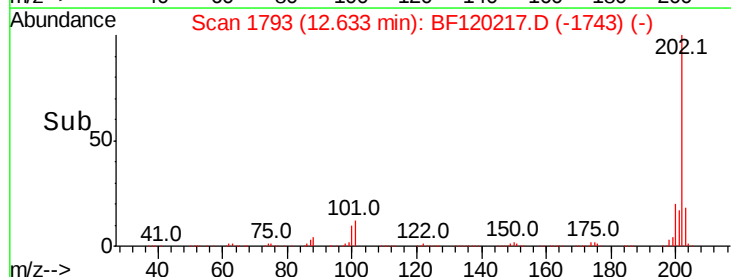
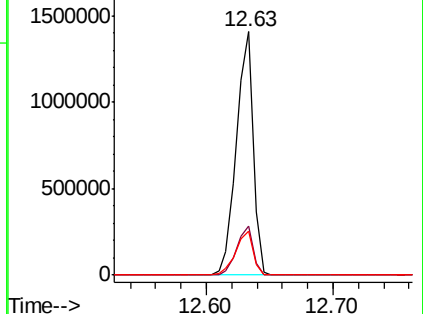
203 17.8 15.1 22.7

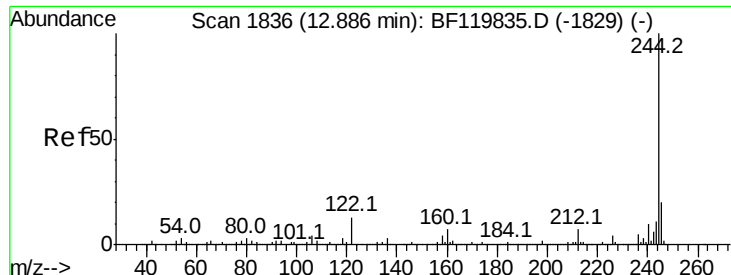


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.385 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

Instrument :

BNA_F

ClientSampleId :

PB128487BS

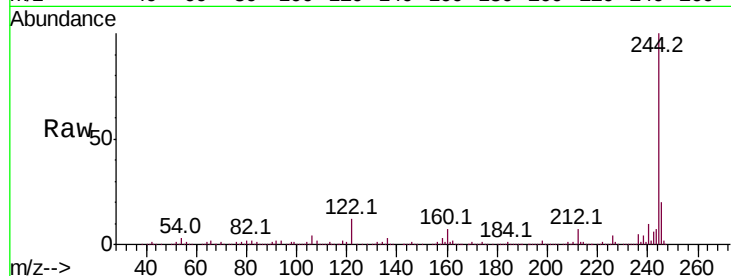
Tot Ion:244 Resp: 1756887

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

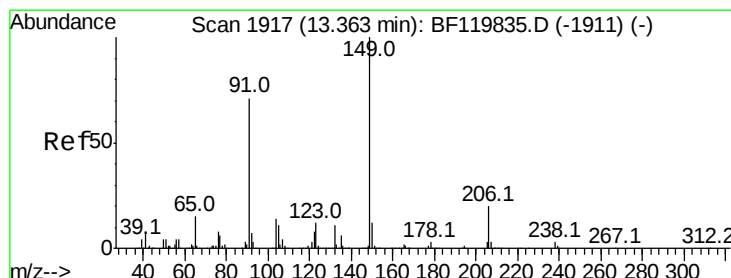
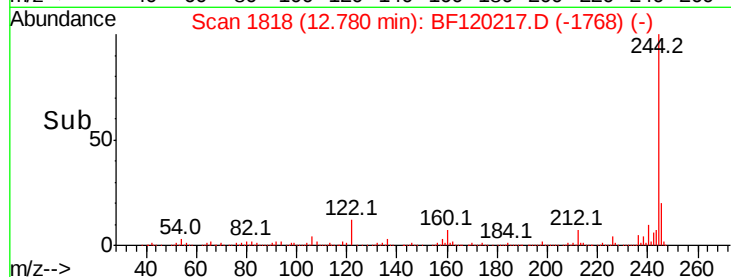
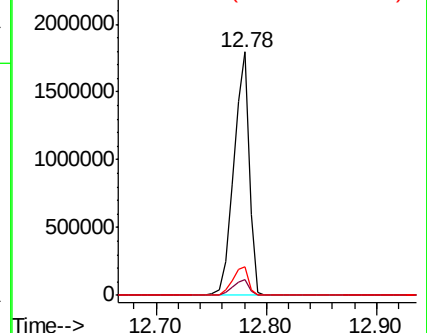
122 12.0 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.049 ng

RT: 13.26 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

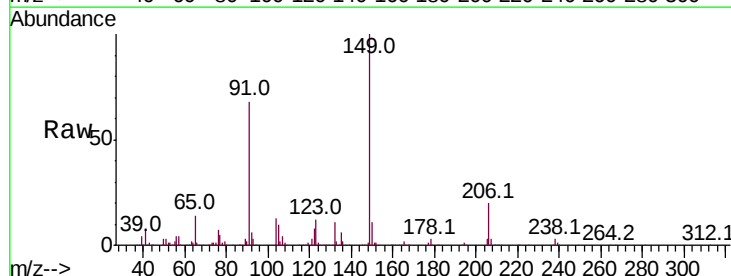
Tgt Ion:149 Resp: 595082

Ion Ratio Lower Upper

149 100

91 67.9 54.7 82.1

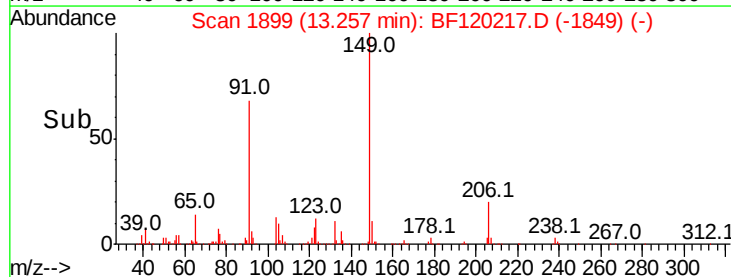
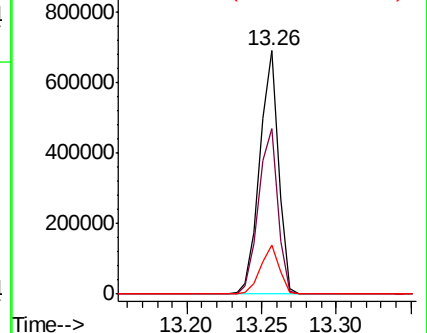
206 20.1 16.2 24.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.648 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

Instrument :

BNA_F

ClientSampleId :

PB128487BS

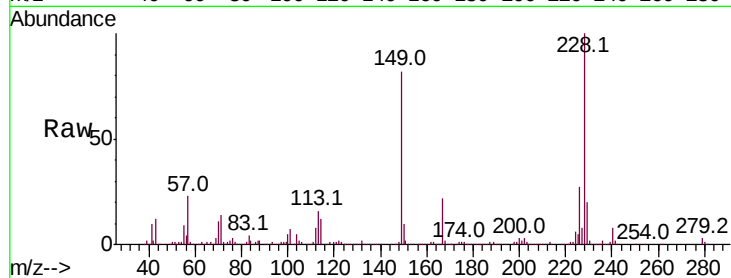
Tot Ion:228 Resp: 1019118

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

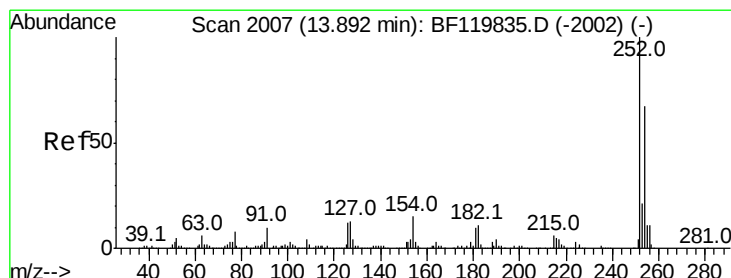
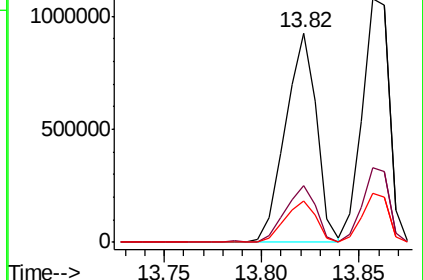
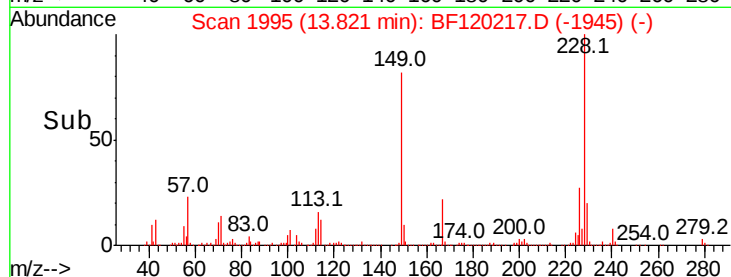
229 19.7 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.876 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

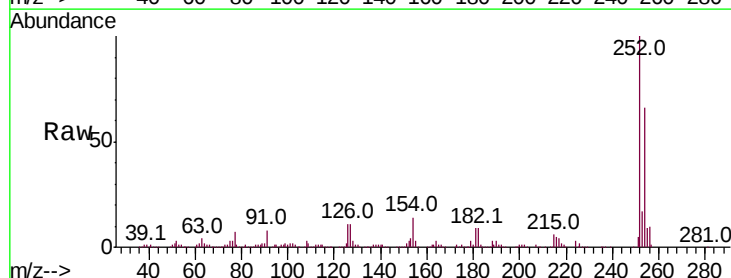
Tgt Ion:252 Resp: 266378

Ion Ratio Lower Upper

252 100

254 65.6 51.2 76.8

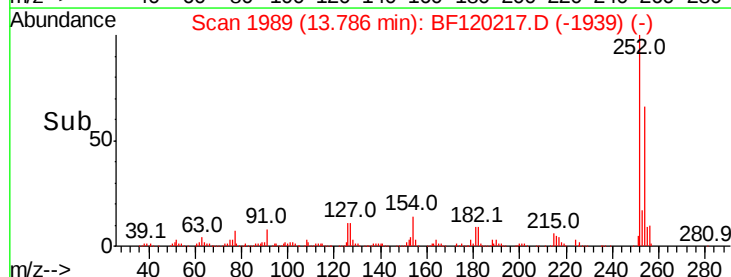
126 11.5 9.6 14.4



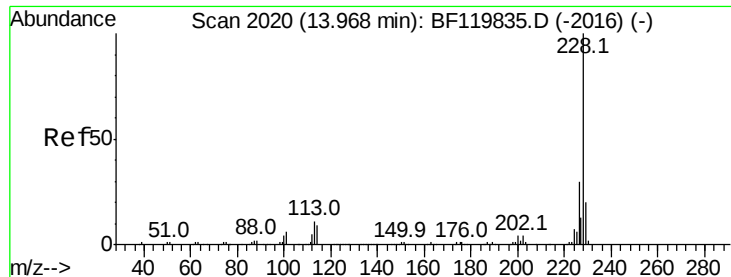
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



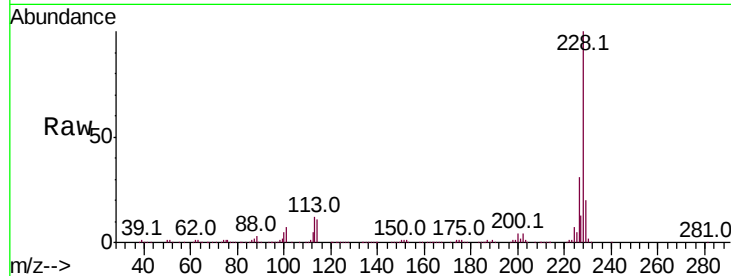
Time-->



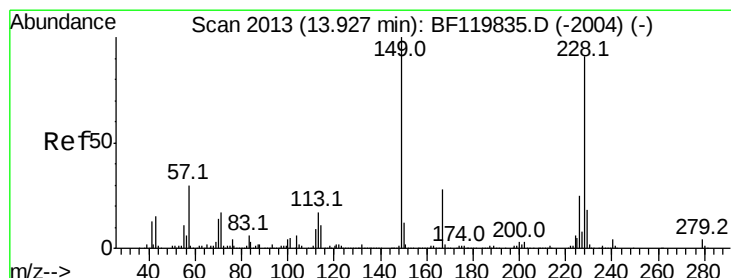
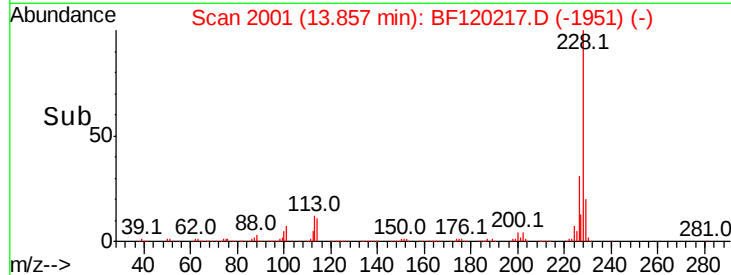
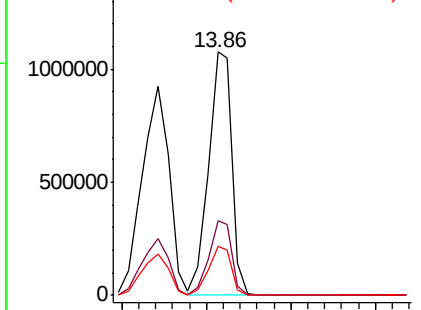
#83
 Chrvsene
 Concen: 42.762 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF120217.D
 Acq: 27 Apr 2020 14:28

Instrument :
 BNA_F
 ClientSampled :
 PB128487BS

Tot Ion:228 Resp: 1038284
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.4 38.0
 229 20.0 16.6 24.8

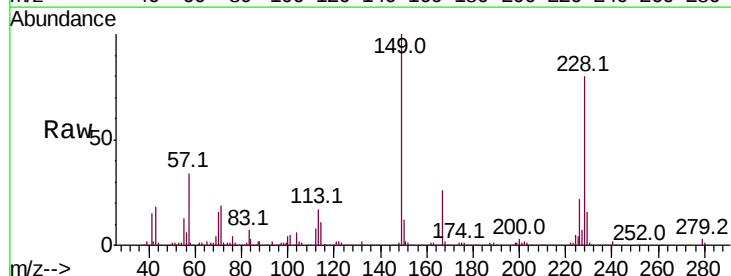


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

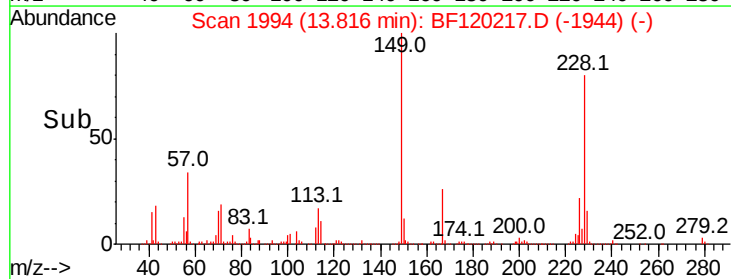
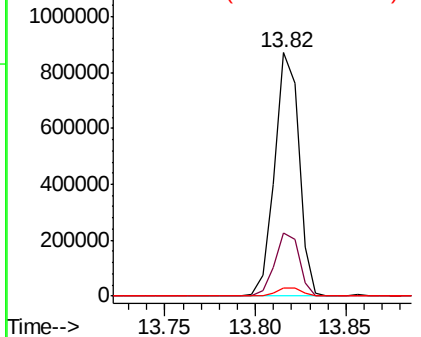


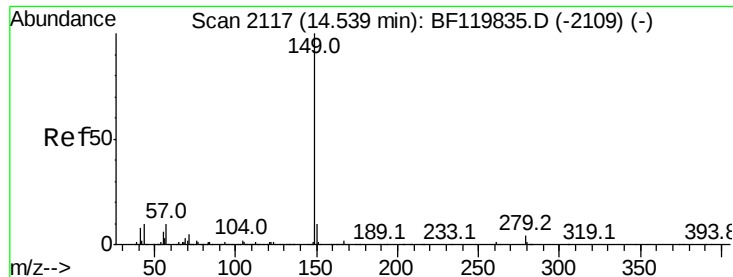
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.479 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BF120217.D
 Acq: 27 Apr 2020 14:28

Tgt Ion:149 Resp: 814520
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.3 31.9
 279 3.1 2.7 4.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.757 ng

RT: 14.43 min Scan# 2098

Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

Instrument :

BNA_F

ClientSampleId :

PB128487BS

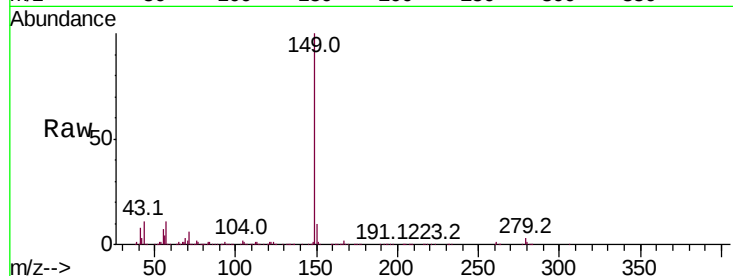
Tot Ion:149 Resp: 1396383

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

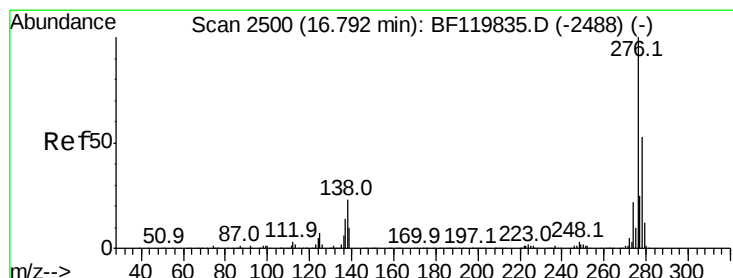
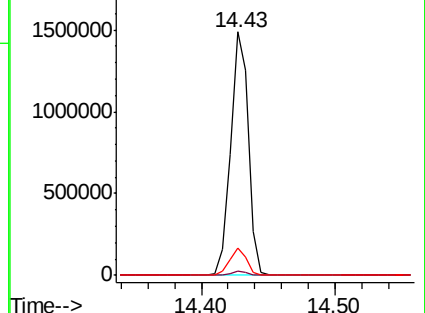
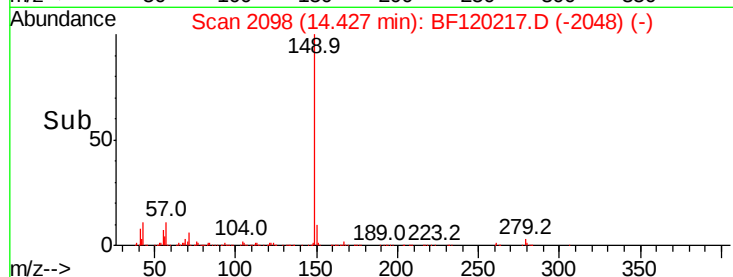
43 10.6 9.3 13.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.996 ng

RT: 16.60 min Scan# 2468

Delta R.T. -0.01 min

Lab File: BF120217.D

Acq: 27 Apr 2020 14:28

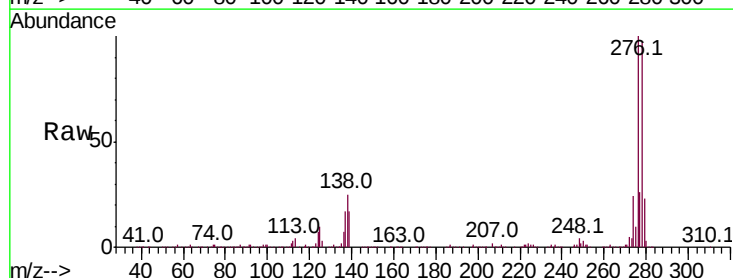
Tgt Ion:276 Resp: 941656

Ion Ratio Lower Upper

276 100

138 24.5 19.6 29.4

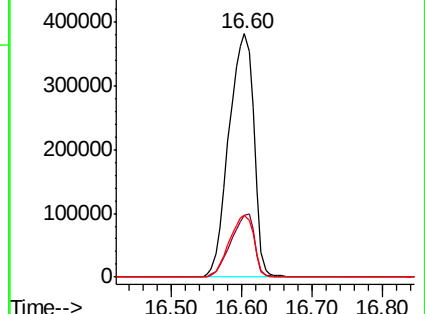
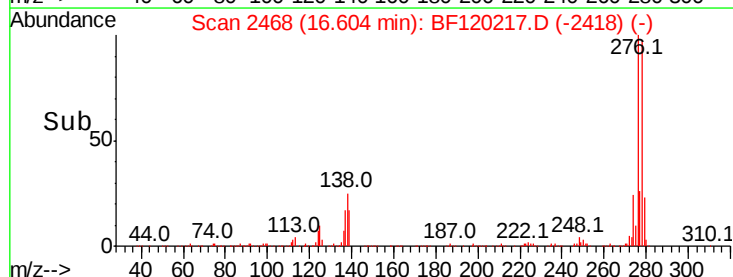
277 25.2 20.0 30.0

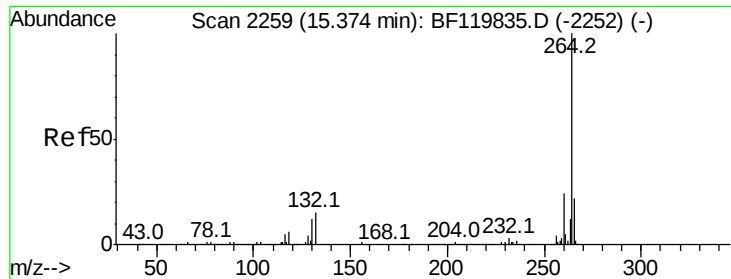


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



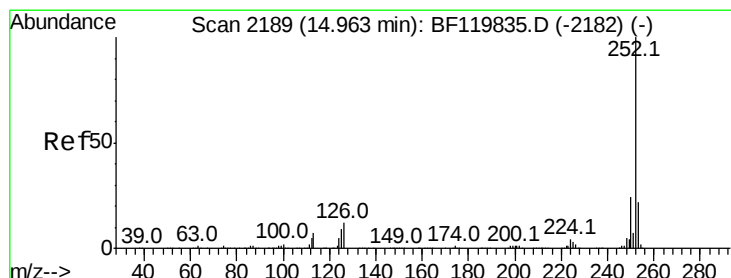
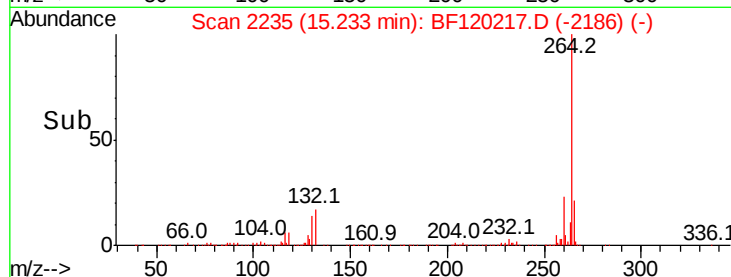
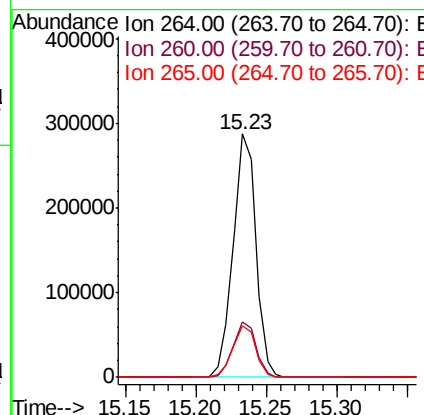
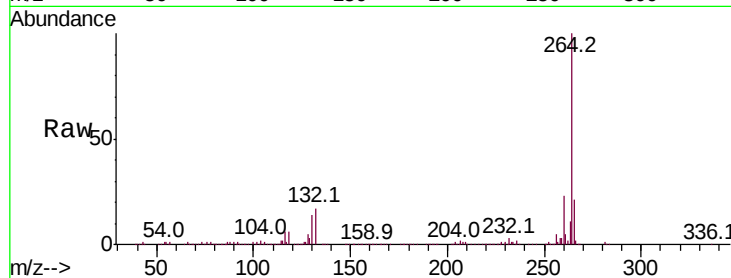


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Instrument :
BNA_F
ClientSampleId :
PB128487BS

Tot Ion:264 Resp: 324796

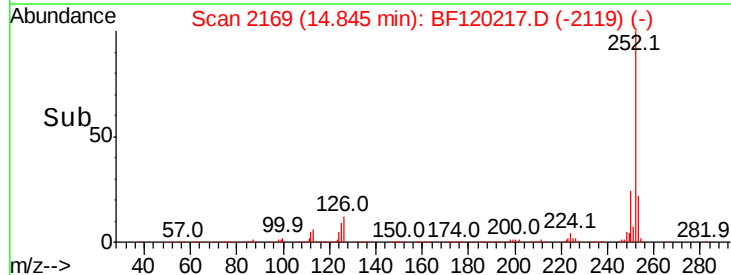
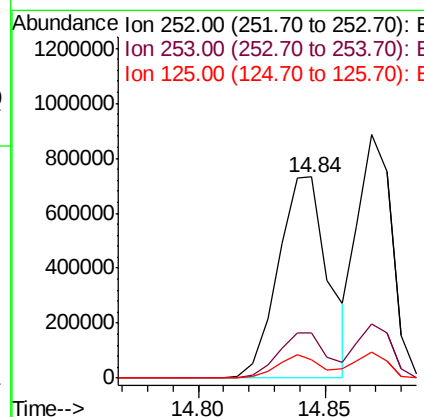
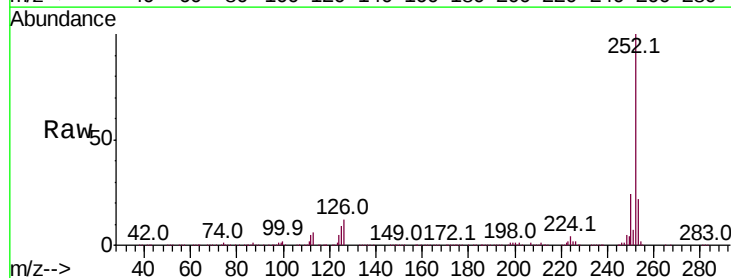
Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.7	28.1
265	21.5	17.7	26.5



#88
Benzo(b)fluoranthene
Concen: 43.039 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Tgt Ion:252 Resp: 1005620

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	8.9	7.9	11.9

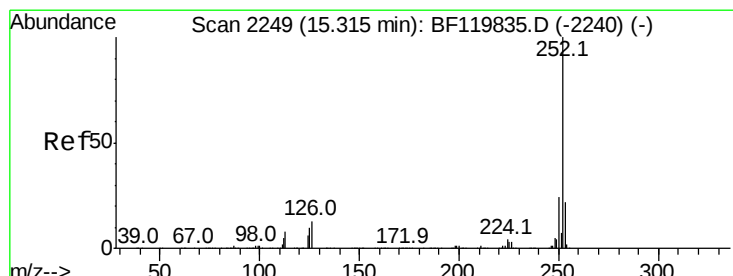
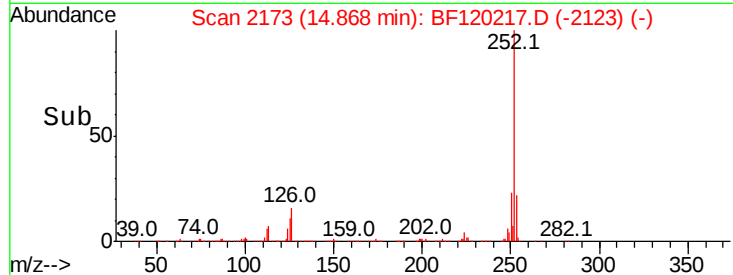
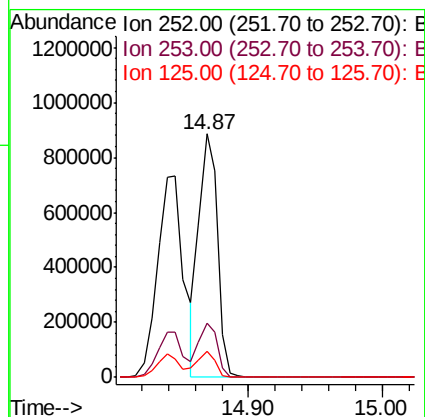
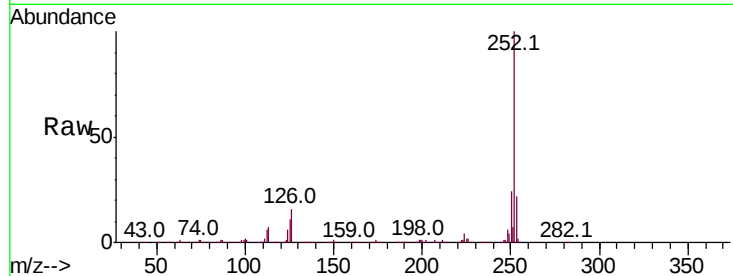




#89
Benzo(k)fluoranthene
Concen: 41.565 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

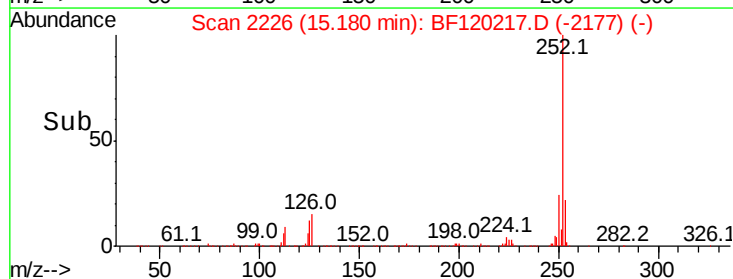
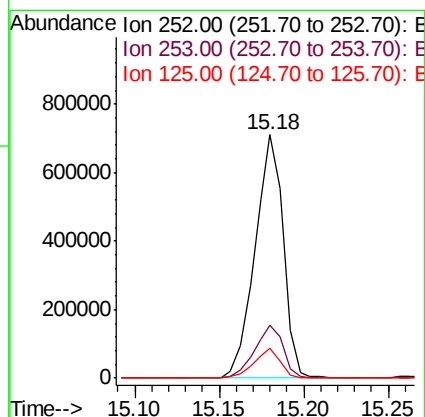
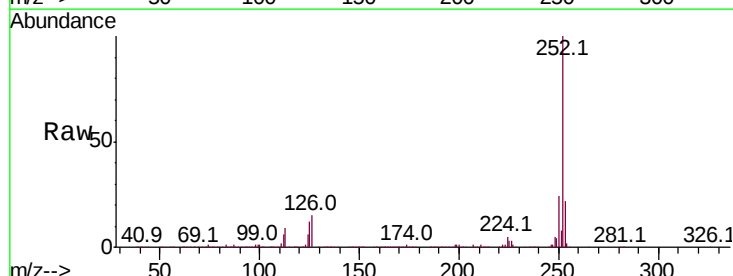
Instrument :
BNA_F
ClientSampleId :
PB128487BS

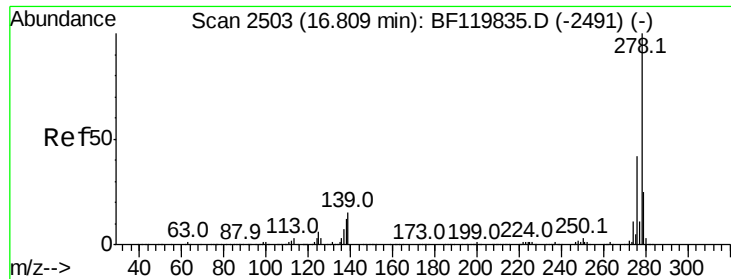
Tot Ion:252 Resp: 837949
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 10.7 8.4 12.6



#90
Benzo(a)pyrene
Concen: 42.020 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Tgt Ion:252 Resp: 825494
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.2
125 12.4 9.4 14.2

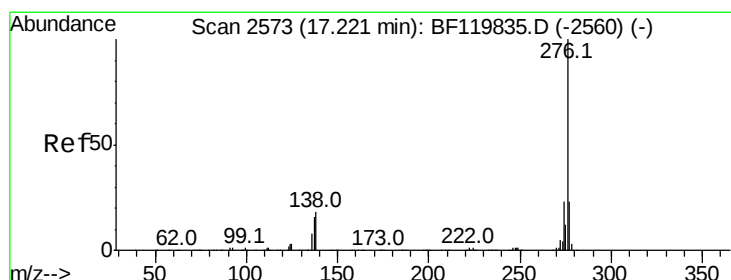
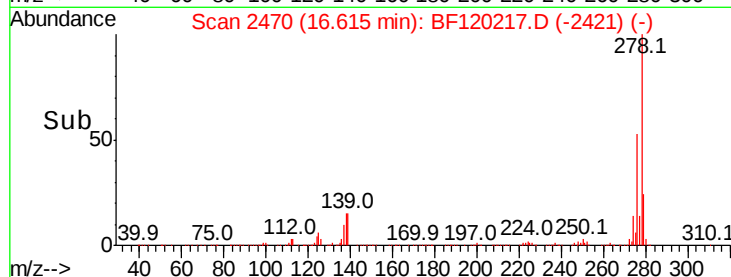
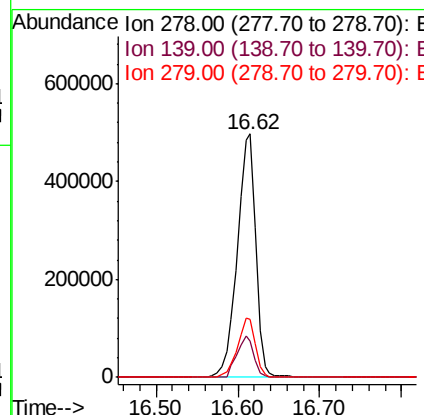
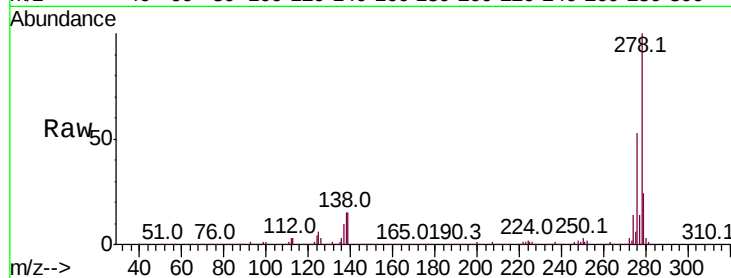




#91
Dibenzo(a,h)anthracene
Concen: 45.220 ng
RT: 16.62 min Scan# 2470
Delta R.T. -0.01 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Instrument :
BNA_F
ClientSampleId :
PB128487BS

Tot Ion:278 Resp: 786903
Ion Ratio Lower Upper
278 100
139 14.9 12.6 19.0
279 23.7 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 44.503 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BF120217.D
Acq: 27 Apr 2020 14:28

Tgt Ion:276 Resp: 764428
Ion Ratio Lower Upper
276 100
277 22.7 18.4 27.6
138 21.1 15.4 23.0

