

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF042720\
 Data File : BF120213.D
 Acq On : 27 Apr 2020 12:39
 Operator : MA/SJ
 Sample : PB128485BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128485BS

Quant Time: Apr 27 13:09:58 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	126398	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	484318	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	270885	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	530850	20.00	ng	0.00
76) Chrysene-d12	13.83	240	382569	20.00	ng	0.00
87) Perylene-d12	15.24	264	318860	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	1002953	137.13	ng	0.00
7) Phenol-d6	6.32	99	1252251	132.87	ng	0.00
23) Nitrobenzene-d5	7.23	82	785038	83.86	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	369710	111.47	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1610590	84.42	ng	0.00
79) Terphenyl-d14	12.78	244	1812087	79.70	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.35	88	131789	40.456	ng	97
3) Pyridine	3.03	79	368379	41.216	ng	91
4) n-Nitrosodimethylamine	2.99	42	208711	45.704	ng	93
6) Aniline	6.33	93	423811	34.262	ng	# 54
8) 2-Chlorophenol	6.46	128	399907	48.936	ng	97
9) Benzaldehyde	6.21	77	152949	25.758	ng	97
10) Phenol	6.33	94	499748	46.741	ng	81
11) bis(2-Chloroethyl)ether	6.40	93	379305	45.946	ng	99
12) 1,3-Dichlorobenzene	6.60	146	406982	45.490	ng	98
13) 1,4-Dichlorobenzene	6.68	146	412447	45.256	ng	97
14) 1,2-Dichlorobenzene	6.83	146	389481	46.372	ng	99
15) Benzyl Alcohol	6.82	79	328577	44.888	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	644634	40.128	ng	# 36
17) 2-Methylphenol	6.94	107	316637	43.417	ng	# 90
18) Hexachloroethane	7.17	117	155107	45.539	ng	99
19) n-Nitroso-di-n-propylamine	7.09	70	274381	45.275	ng	97
20) 3+4-Methylphenols	7.10	107	418189	46.885	ng	# 80
22) Acetophenone	7.08	105	546591	48.195	ng	# 99
24) Nitrobenzene	7.25	77	419434	44.537	ng	98
25) Isophorone	7.49	82	746976	41.391	ng	99
26) 2-Nitrophenol	7.57	139	216064	45.922	ng	95
27) 2,4-Dimethylphenol	7.62	122	331464	46.711	ng	97
28) bis(2-Chloroethoxy)methane	7.71	93	469898	44.249	ng	100
29) 2,4-Dichlorophenol	7.82	162	324801	44.654	ng	98
30) 1,2,4-Trichlorobenzene	7.89	180	347936	42.217	ng	99
31) Naphthalene	7.97	128	1123799	44.103	ng	99
32) Benzoic acid	7.76	122	223175	35.810	ng	98
33) 4-Chloroaniline	8.03	127	279787	25.222	ng	98
34) Hexachlorobutadiene	8.09	225	201996	40.944	ng	99
35) Caprolactam	8.40	113	52476	23.585	ng	96
36) 4-Chloro-3-methylphenol	8.53	107	339099	43.061	ng	97
37) 2-Methylnaphthalene	8.67	142	810467	46.914	ng	99
38) 1-Methylnaphthalene	8.76	142	759153	46.622	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	360478	42.133	ng	99

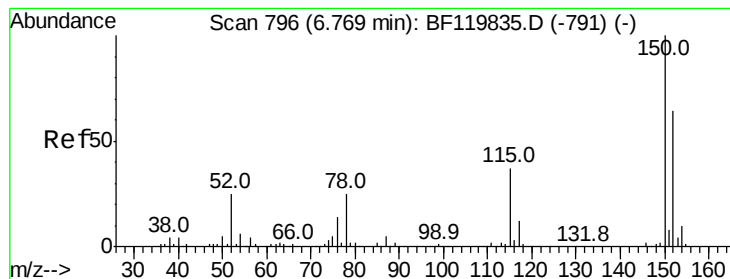
Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF042720\
 Data File : BF120213.D
 Acq On : 27 Apr 2020 12:39
 Operator : MA/SJ
 Sample : PB128485BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128485BS

Quant Time: Apr 27 13:09:58 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	339838	69.852	nq	99
43) 2,4,6-Trichlorophenol	8.95	196	249327	42.201	nq	99
44) 2,4,5-Trichlorophenol	9.00	196	261621	39.316	nq	98
46) 1,1'-Biphenyl	9.13	154	981311	42.919	nq	97
47) 2-Chloronaphthalene	9.16	162	755165	42.874	nq	98
48) 2-Nitroaniline	9.26	65	272065	42.624	nq	98
49) Acenaphthylene	9.57	152	1205272	44.995	nq	98
50) Dimethylphthalate	9.44	163	895002	42.716	nq	100
51) 2,6-Dinitrotoluene	9.50	165	200038	43.598	nq	93
52) Acenaphthene	9.74	154	716951	40.124	nq	99
53) 3-Nitroaniline	9.67	138	145761	27.816	nq	95
54) 2,4-Dinitrophenol	9.79	184	210851	76.757	nq	98
55) Dibenzofuran	9.92	168	1084181	44.216	nq	97
56) 4-Nitrophenol	9.86	139	293270	75.217	nq	92
57) 2,4-Dinitrotoluene	9.91	165	262235	43.380	nq	95
58) Fluorene	10.26	166	855796	43.641	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.04	232	224666	44.145	nq	99
60) Diethylphthalate	10.14	149	923586	42.530	nq	100
61) 4-Chlorophenyl-phenylether	10.25	204	410985	40.891	nq	97
62) 4-Nitroaniline	10.29	138	223514	44.757	nq	100
63) Azobenzene	10.41	77	859644	44.171	nq	99
65) 4,6-Dinitro-2-methylphenol	10.32	198	148712	42.522	nq	100
66) n-Nitrosodiphenylamine	10.37	169	777403	44.034	nq	100
67) 4-Bromophenyl-phenylether	10.74	248	254954	38.620	nq	97
68) Hexachlorobenzene	10.80	284	277747	41.473	nq	99
69) Atrazine	10.90	200	236388	48.124	nq	99
70) Pentachlorophenol	11.00	266	249667	64.691	nq	99
71) Phenanthrene	11.22	178	1254233	44.394	nq	98
72) Anthracene	11.27	178	1291223	44.739	nq	98
73) Carbazole	11.43	167	1201321	44.015	nq	98
74) Di-n-butylphthalate	11.76	149	1489546	41.515	nq	98
75) Fluoranthene	12.40	202	1382614	45.355	nq	99
77) Benzidine	12.53	184	756721	58.516	nq	97
78) Pyrene	12.63	202	1375401	42.646	nq	98
80) Butylbenzylphthalate	13.26	149	625466	39.967	nq	99
81) Benzo(a)anthracene	13.82	228	1094873	43.503	nq	99
82) 3,3'-Dichlorobenzidine	13.79	252	256699	27.335	nq	98
83) Chrysene	13.86	228	1099578	42.998	nq	97
84) Bis(2-ethylhexyl)phthalate	13.82	149	812761	38.351	nq	99
85) Di-n-octyl phthalate	14.43	149	1316020	36.471	nq	99
86) Indeno(1,2,3-cd)pyrene	16.61	276	930319	41.270	nq	99
88) Benzo(b)fluoranthene	14.84	252	1085338	47.316	nq	99
89) Benzo(k)fluoranthene	14.87	252	1031904	52.139	nq	99
90) Benzo(a)pyrene	15.19	252	897287	46.525	nq	99
91) Dibenzo(a,h)anthracene	16.62	278	794628	46.514	nq	98
92) Benzo(g,h,i)perylene	17.02	276	736301	43.663	nq	98

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

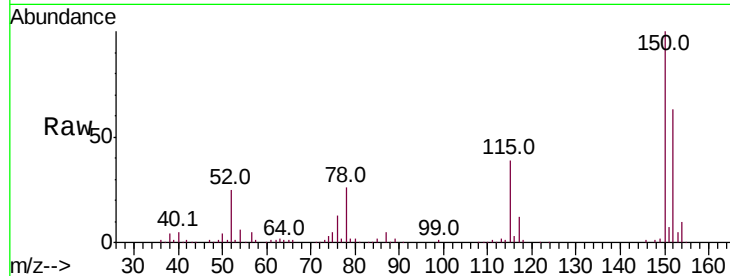


#1

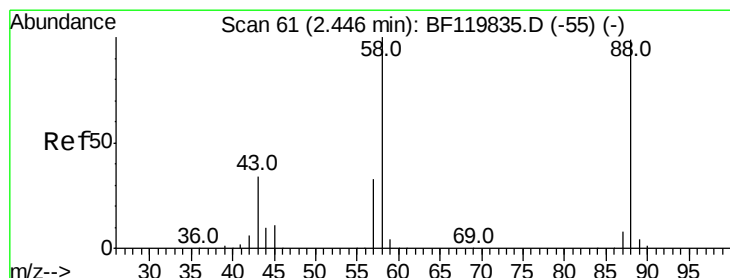
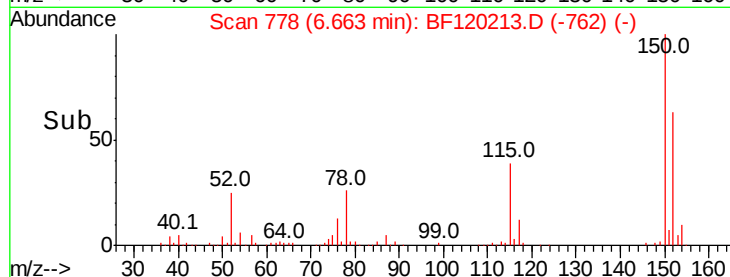
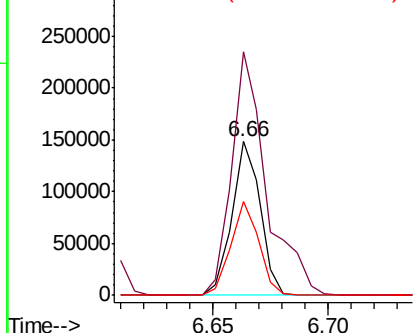
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Instrument :
BNA_F
ClientSampleId :
PB128485BS

Tot Ion:152 Resp: 126398
Ion Ratio Lower Upper
152 100
150 158.5 124.5 186.7
115 61.4 49.6 74.4



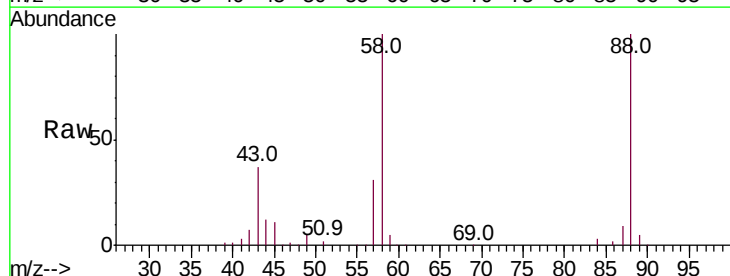
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



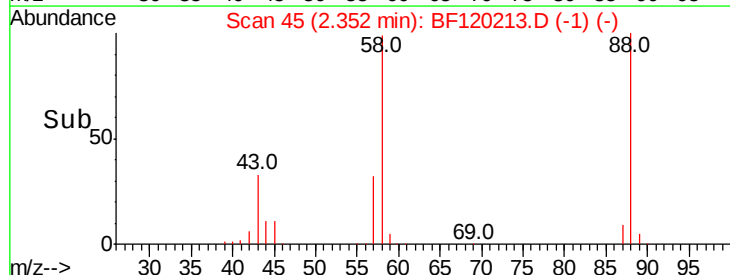
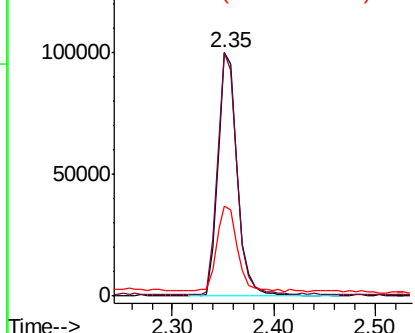
#2

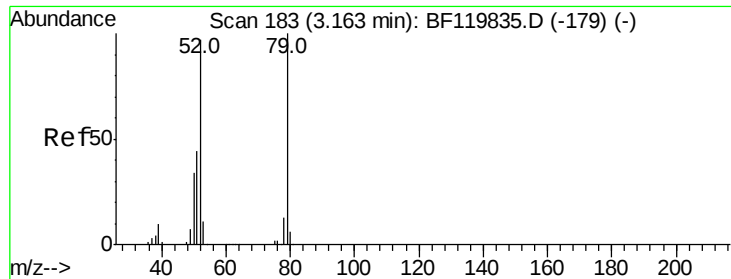
1,4-Dioxane
Concen: 40.456 ng
RT: 2.35 min Scan# 45
Delta R.T. 0.08 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Tgt Ion: 88 Resp: 131789
Ion Ratio Lower Upper
88 100
58 98.9 80.6 121.0
43 37.2 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: 41.216 ng

RT: 3.03 min Scan# 161

Delta R.T. 0.08 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Instrument :

BNA_F

ClientSampleId :

PB128485BS

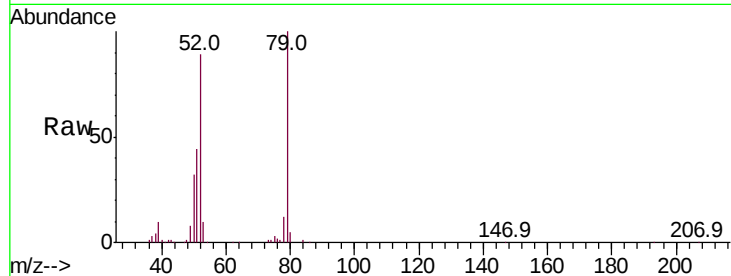
Tot Ion: 79 Resp: 368379

Ion Ratio Lower Upper

79 100

52 89.4 80.2 120.2

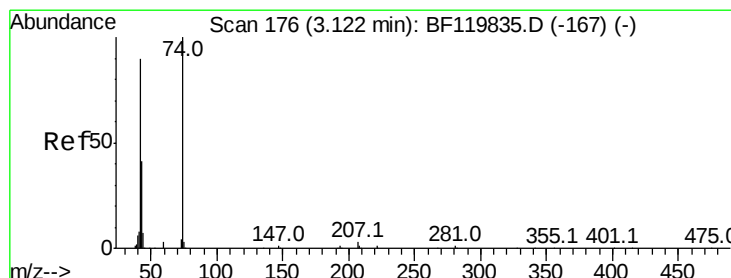
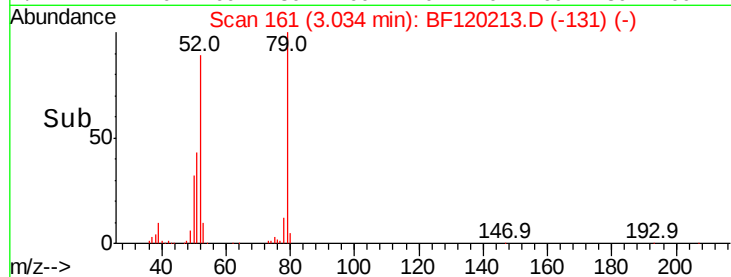
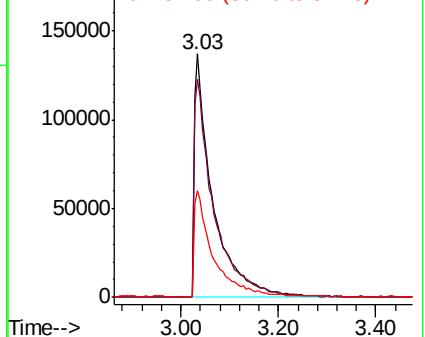
51 43.9 37.7 56.5



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: 45.704 ng

RT: 2.99 min Scan# 153

Delta R.T. 0.06 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

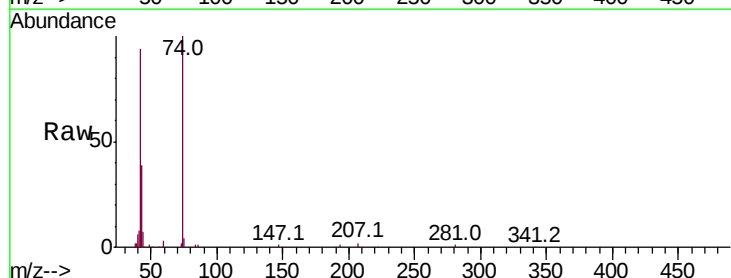
Tgt Ion: 42 Resp: 208711

Ion Ratio Lower Upper

42 100

74 106.3 91.5 137.3

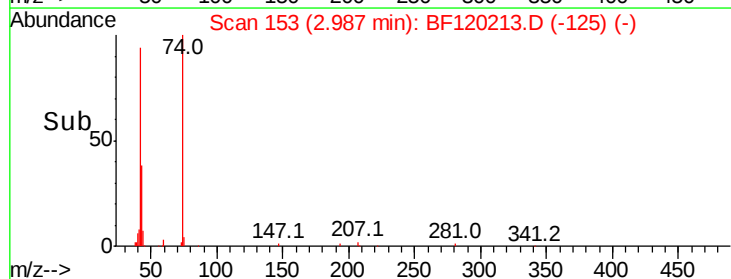
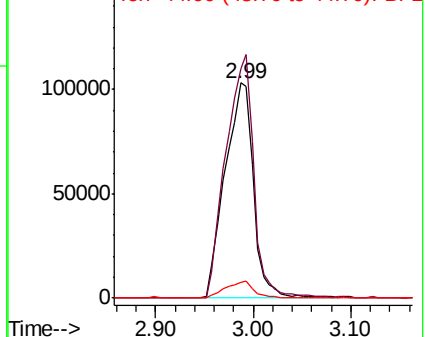
44 7.5 6.2 9.4

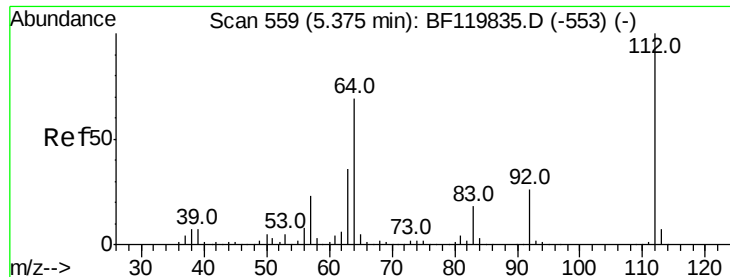


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 137.129 ng

RT: 5.29 min Scan# 544

Delta R.T. 0.01 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Instrument :

BNA_F

ClientSampleId :

PB128485BS

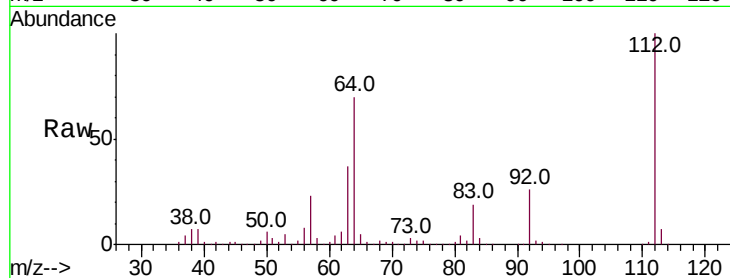
Tot Ion:112 Resp: 1002953

Ion Ratio Lower Upper

112 100

64 70.0 56.7 85.1

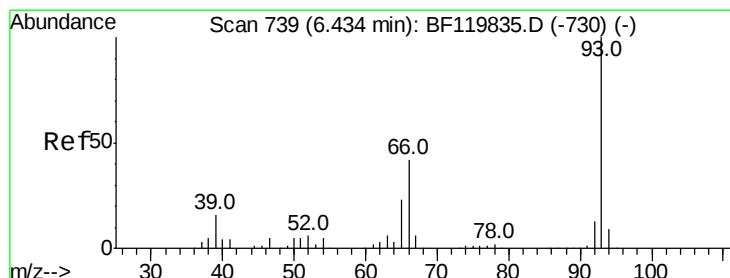
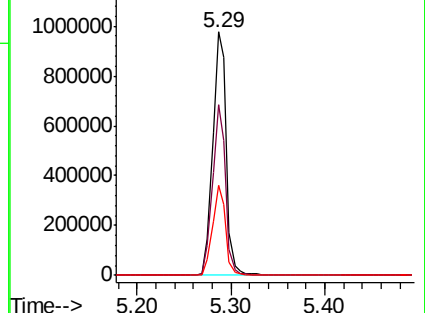
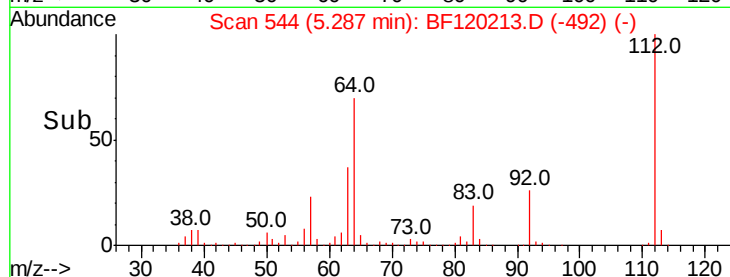
63 37.2 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 34.262 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

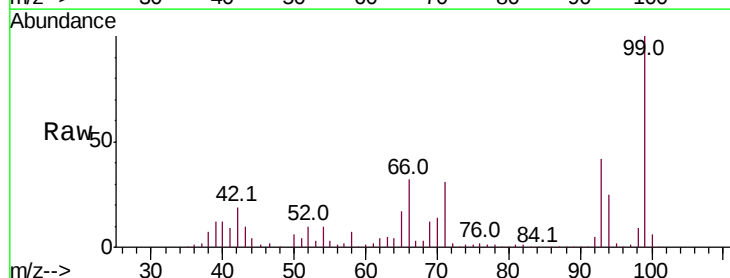
Tgt Ion: 93 Resp: 423811

Ion Ratio Lower Upper

93 100

66 75.8 34.9 52.3#

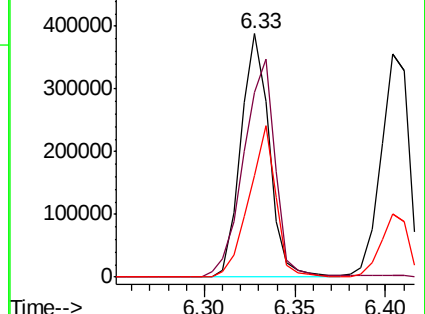
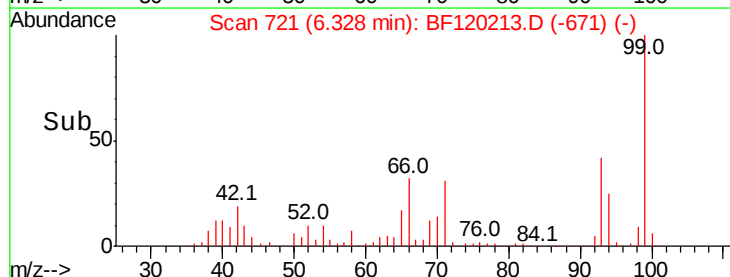
65 41.7 18.6 27.8#

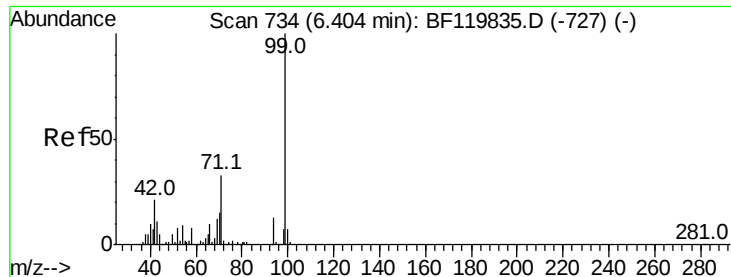


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 132.874 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Instrument :

BNA_F

ClientSampleId :

PB128485BS

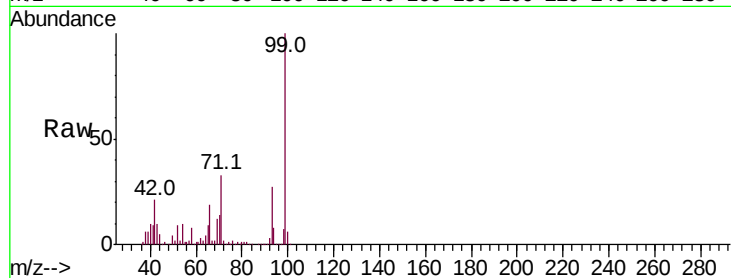
Tot Ion: 99 Resp: 1252251

Ion Ratio Lower Upper

99 100

42 21.0 16.6 24.8

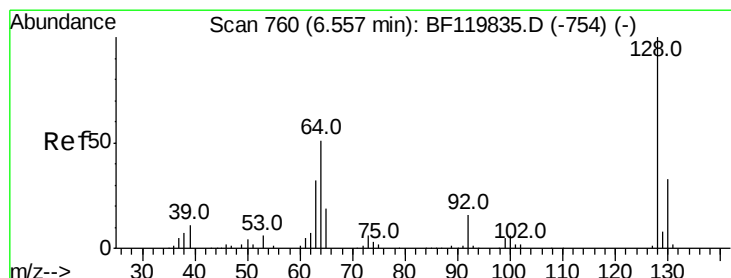
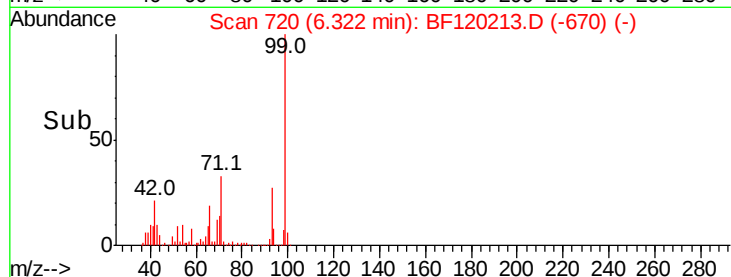
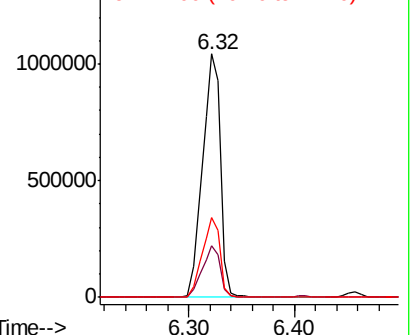
71 32.8 26.4 39.6



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: 48.936 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

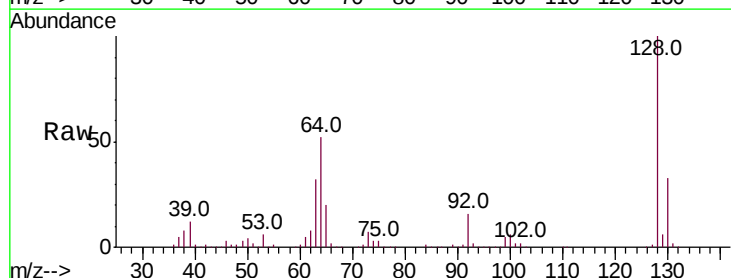
Tgt Ion:128 Resp: 399907

Ion Ratio Lower Upper

128 100

130 32.6 12.6 52.6

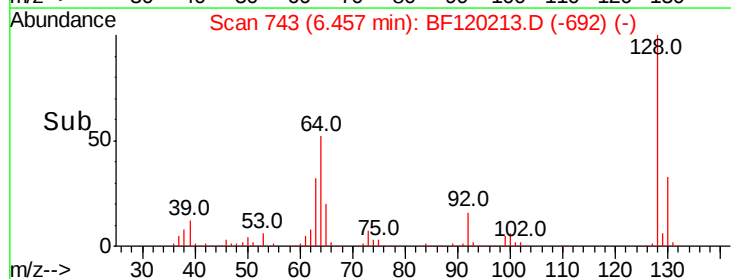
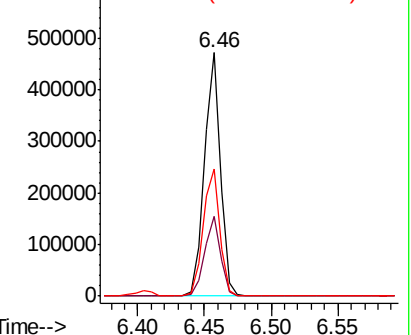
64 52.2 35.3 75.3

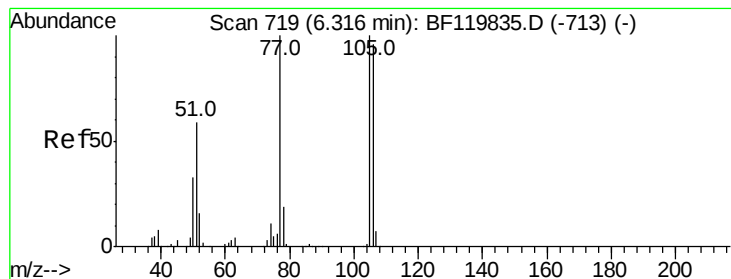


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 25.758 ng

RT: 6.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Instrument :

BNA_F

ClientSampleId :

PB128485BS

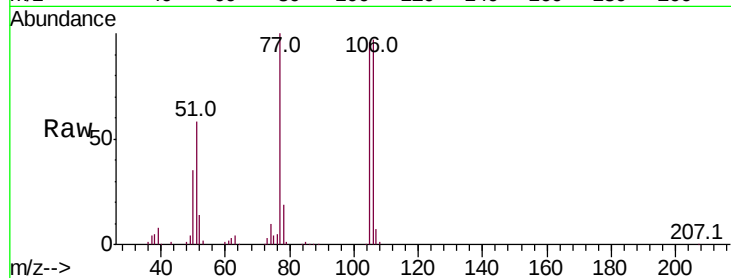
Tot Ion: 77 Resp: 152949

Ion Ratio Lower Upper

77 100

105 96.4 80.9 120.9

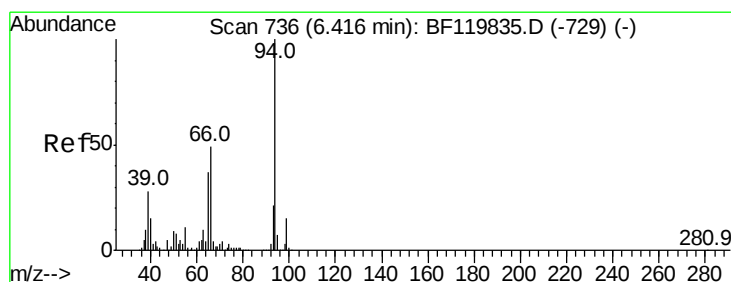
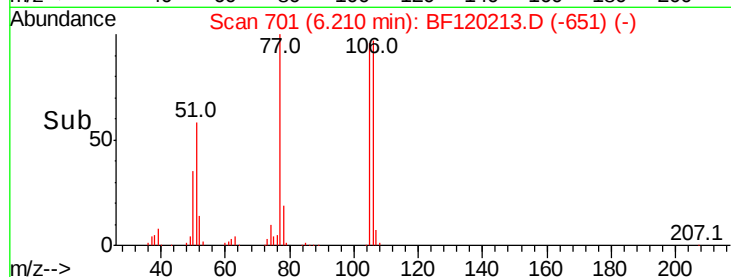
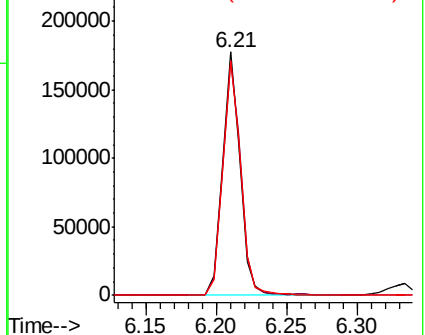
106 96.5 77.9 117.9



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: 46.741 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

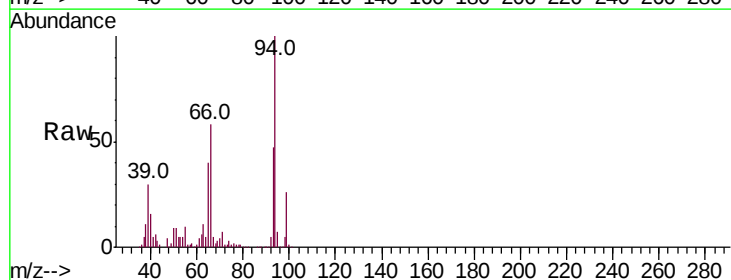
Tgt Ion: 94 Resp: 499748

Ion Ratio Lower Upper

94 100

65 40.3 13.2 53.2

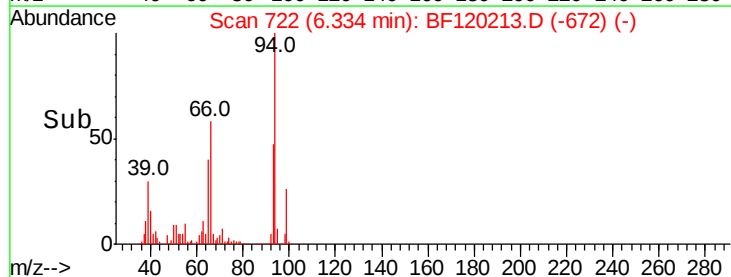
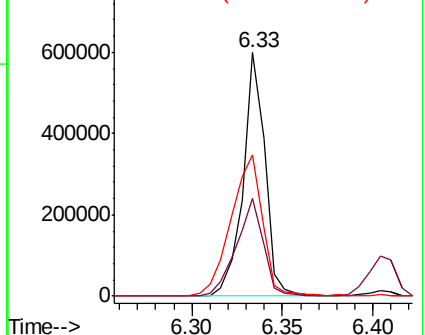
66 57.9 22.3 62.3

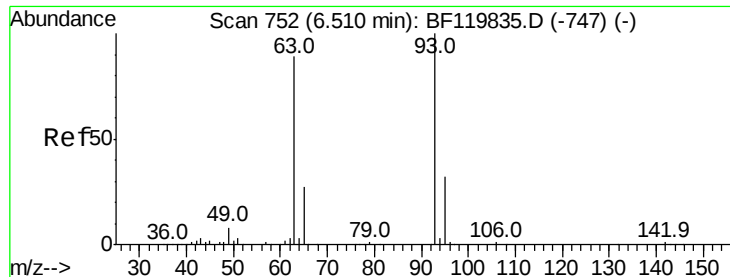


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

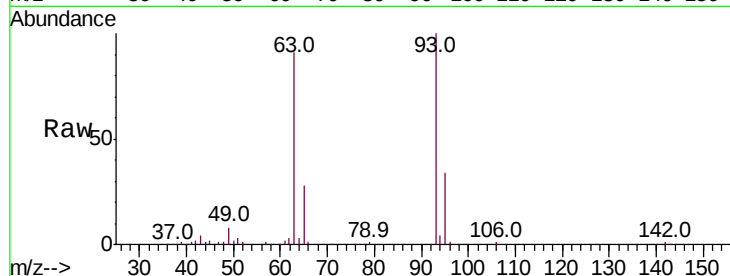




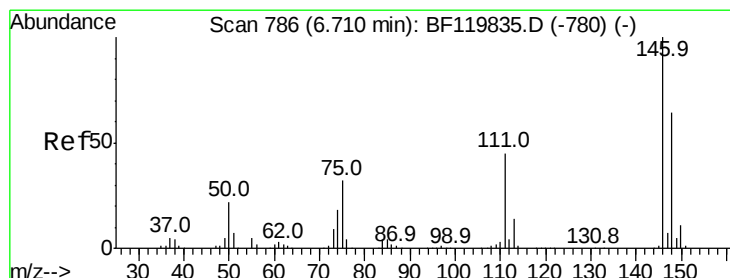
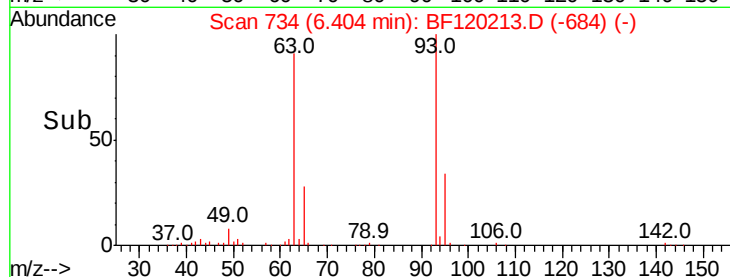
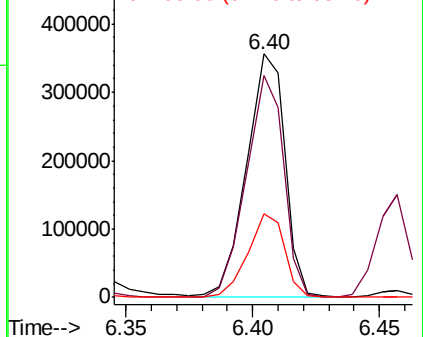
#11
bis(2-Chloroethyl)ether
Concen: 45.946 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Instrument :
BNA_F
ClientSampleId :
PB128485BS

Tot Ion: 93 Resp: 379305
Ion Ratio Lower Upper
93 100
63 91.4 70.2 110.2
95 34.3 13.4 53.4

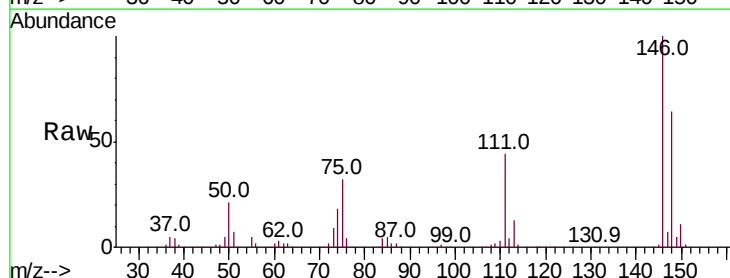


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

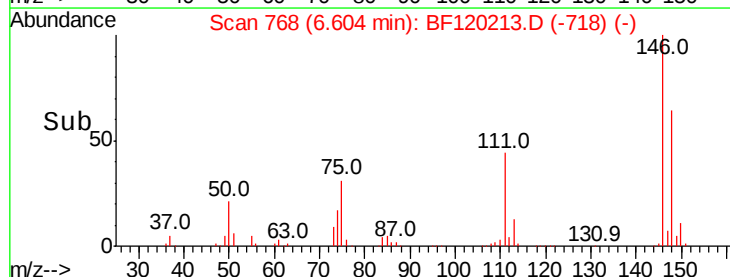
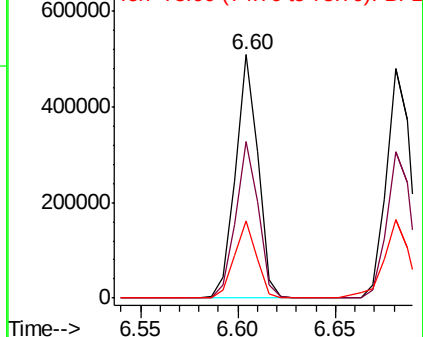


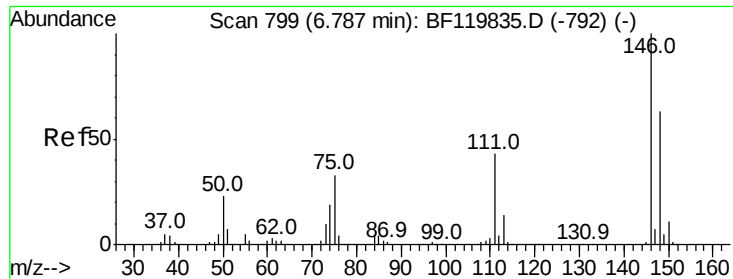
#12
1,3-Dichlorobenzene
Concen: 45.490 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Tgt Ion: 146 Resp: 406982
Ion Ratio Lower Upper
146 100
148 64.4 52.2 78.4
75 31.5 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

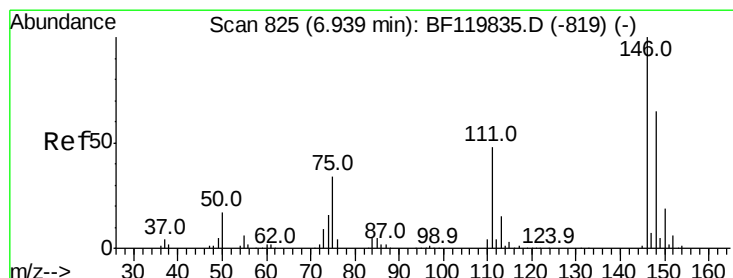
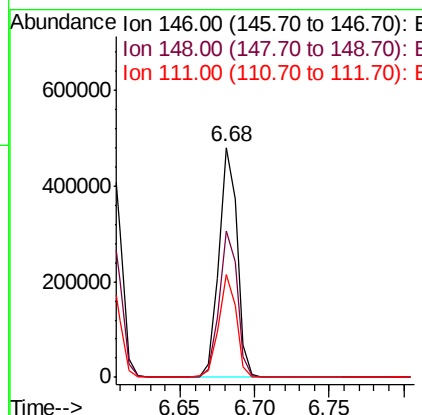
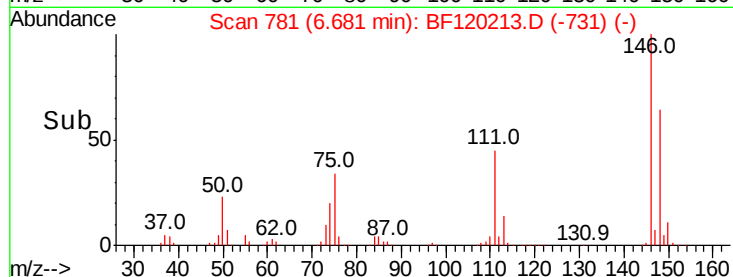
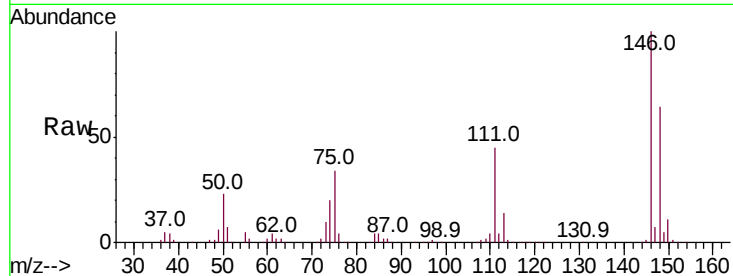




#13
 1,4-Dichlorobenzene
 Concen: 45.256 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

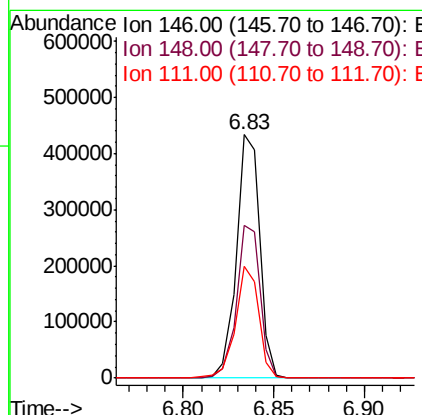
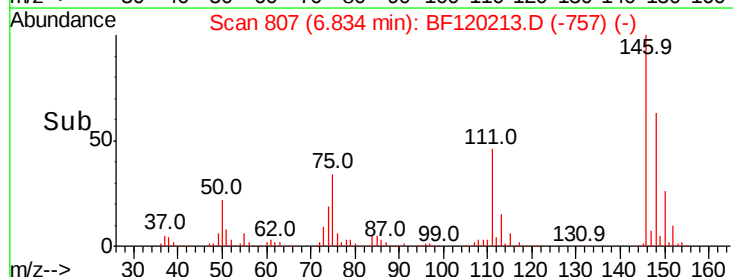
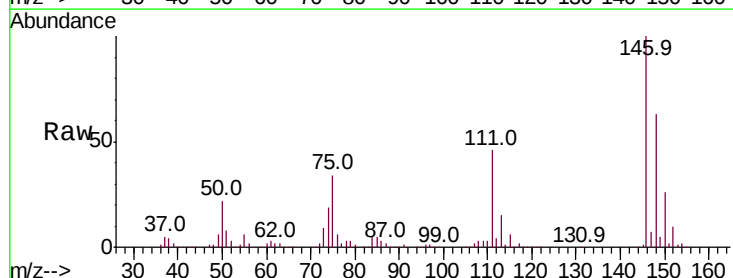
Instrument :
 BNA_F
 ClientSampleId :
 PB128485BS

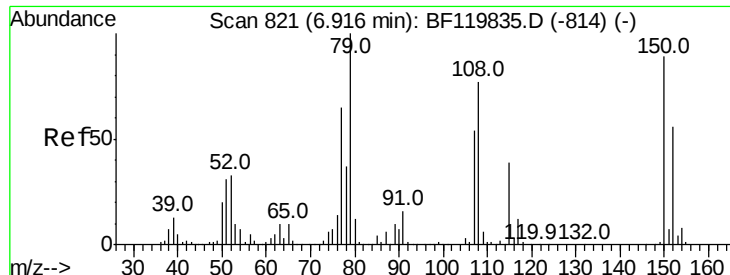
Tot Ion:146 Resp: 412447
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.5 77.3
 111 44.7 33.3 49.9



#14
 1,2-Dichlorobenzene
 Concen: 46.372 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

Tgt Ion:146 Resp: 389481
 Ion Ratio Lower Upper
 146 100
 148 62.6 50.6 75.8
 111 45.7 36.1 54.1

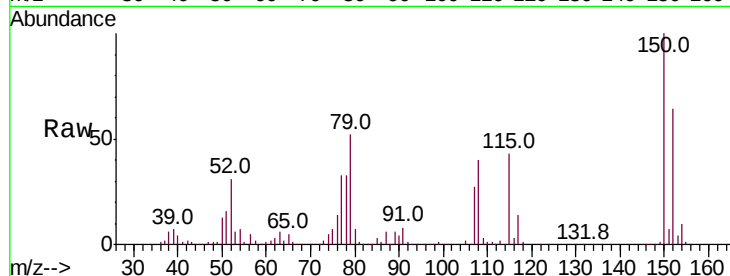




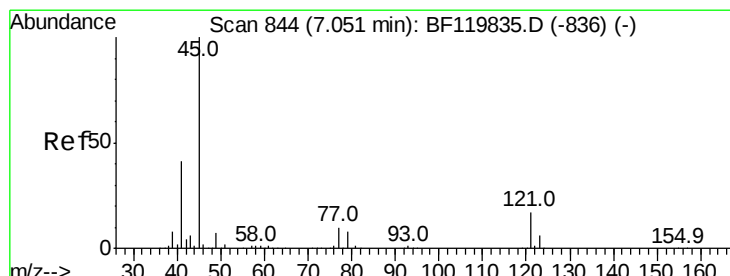
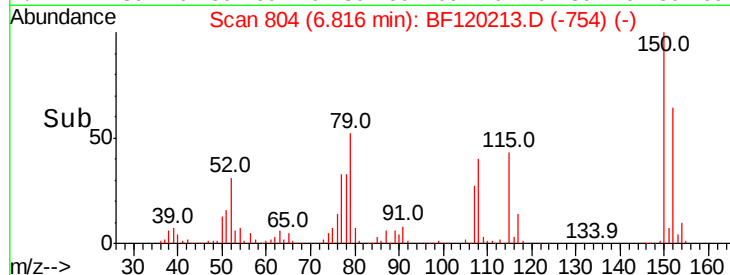
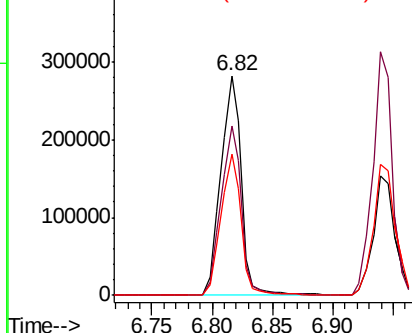
#15
Benzyl Alcohol
Concen: 44.888 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Instrument :
BNA_F
ClientSampleId :
PB128485BS

Tot Ion: 79 Resp: 328577
Ion Ratio Lower Upper
79 100
108 76.9 60.6 90.8
77 64.4 50.2 75.2

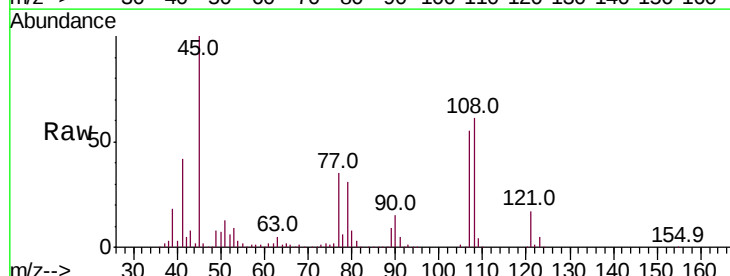


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

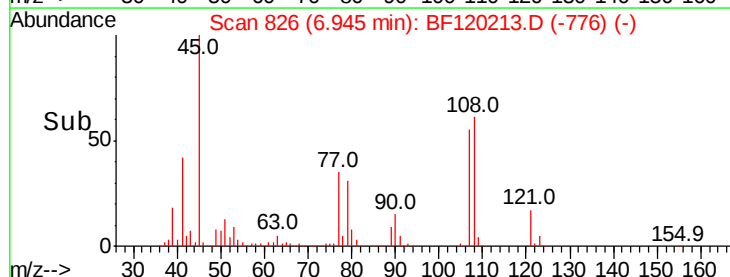
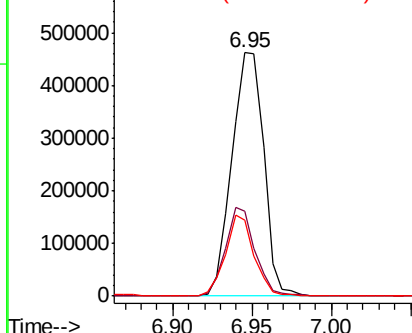


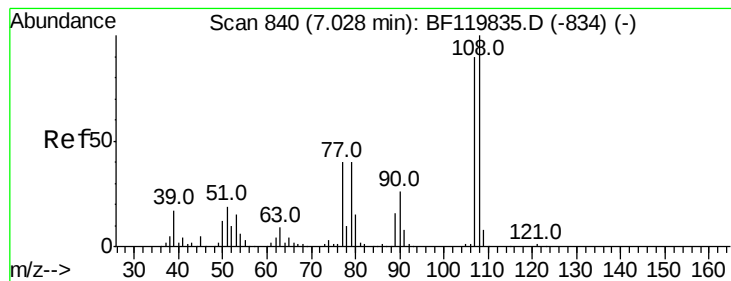
#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.128 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Tgt Ion: 45 Resp: 644634
Ion Ratio Lower Upper
45 100
77 34.8 0.0 30.7#
79 31.1 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

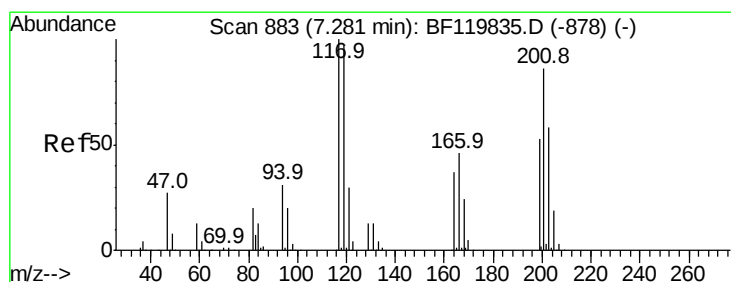
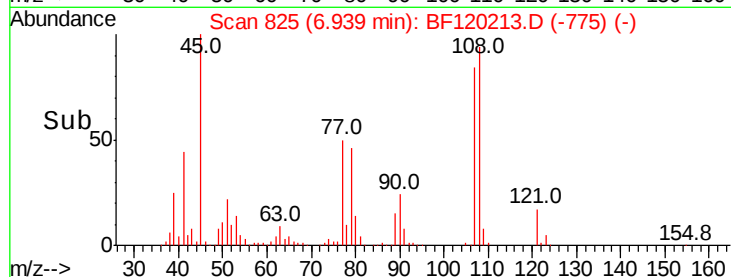
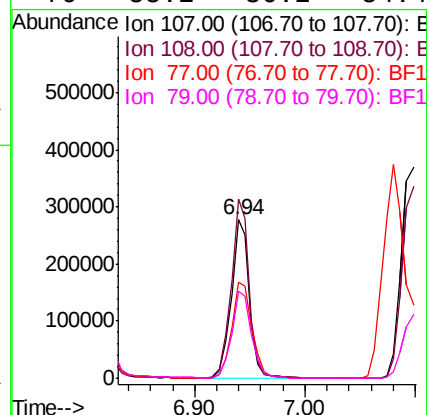
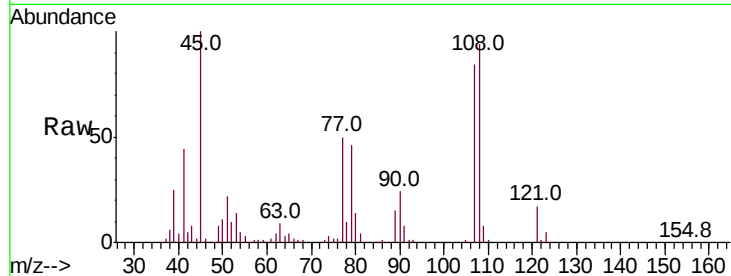




#17
2-Methylphenol
Concen: 43.417 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

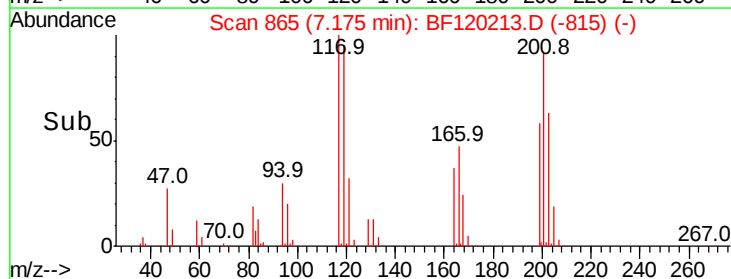
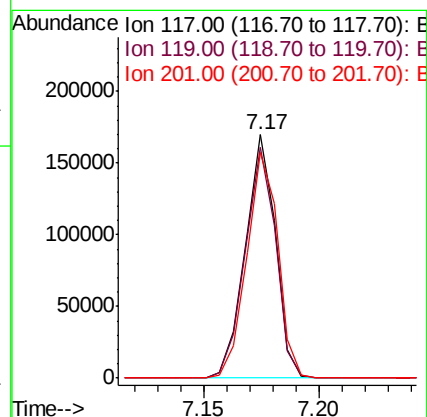
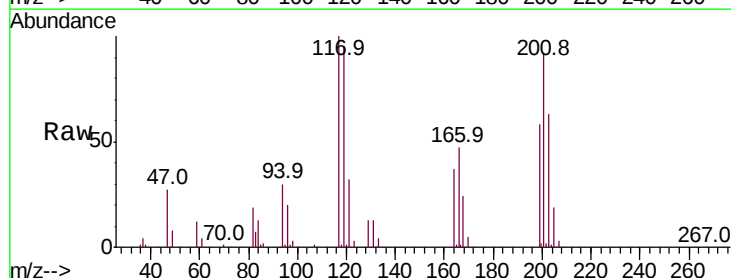
Instrument :
BNA_F
ClientSampleId :
PB128485BS

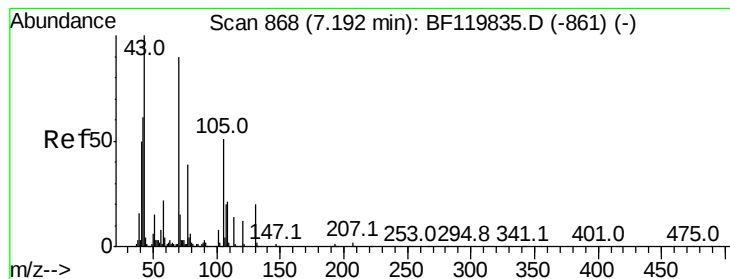
Tot Ion:	107	Resp:	316637
Ion	Ratio	Lower	Upper
107	100		
108	112.6	92.2	138.4
77	60.3	36.6	54.8#
79	55.2	36.2	54.4#



#18
Hexachloroethane
Concen: 45.539 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Tgt Ion:	117	Resp:	155107
Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.1	114.1
201	92.5	73.0	109.6





#19

n-Nitroso-di-n-propylamine

Concen: 45.275 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Instrument :

BNA_F

ClientSampleId :

PB128485BS

Tot Ion: 70 Resp: 274381

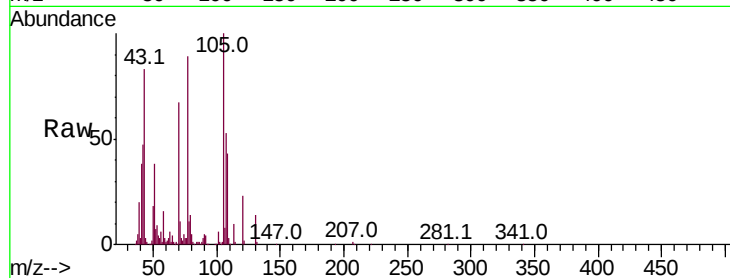
Ion Ratio Lower Upper

70 100

42 71.2 54.5 81.7

101 9.3 7.6 11.4

130 21.5 17.6 26.4

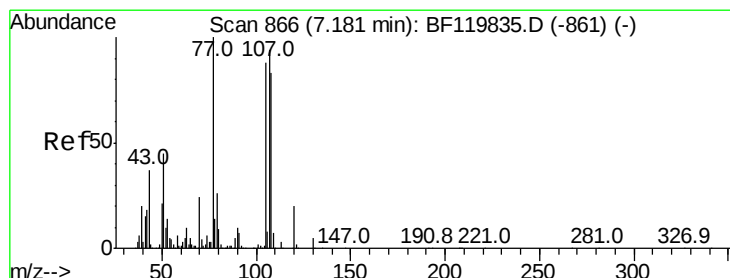
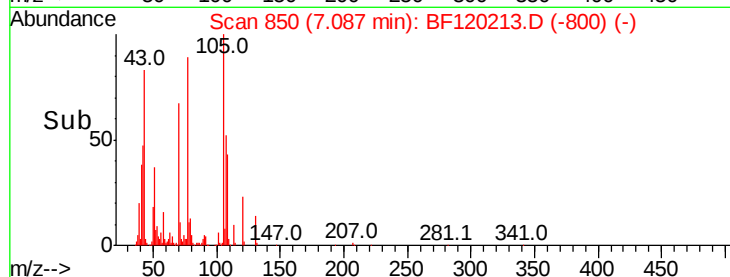
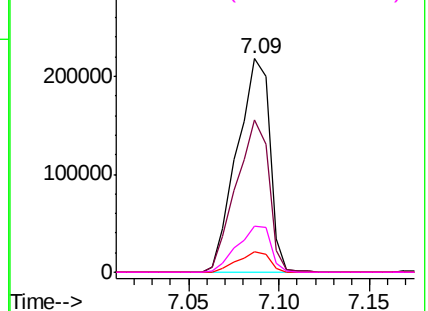


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 46.885 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Tgt Ion:107 Resp: 418189

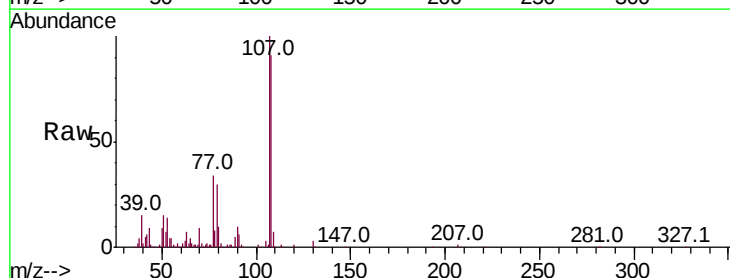
Ion Ratio Lower Upper

107 100

108 90.8 67.9 107.9

77 34.3 52.9 92.9#

79 30.2 7.7 47.7

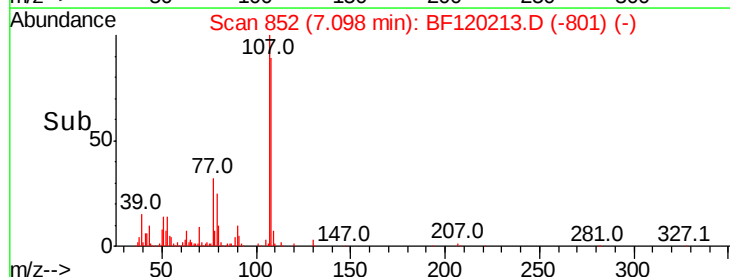
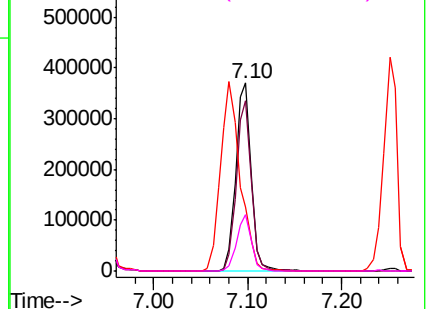


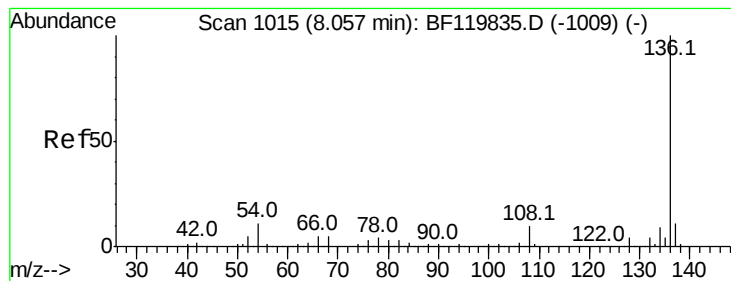
Abundance Ion 107.00 (106.70 to 107.70): BF1

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: BF120213.D

Acq: 27 Apr 2020 12:39

Instrument :

BNA_F

ClientSampleId :

PB128485BS

Tot Ion:136 Resp: 484318

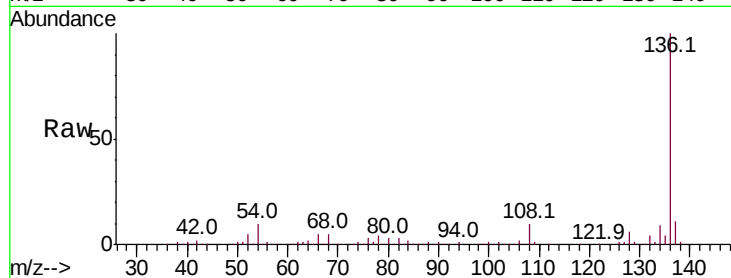
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 9.9 9.1 13.7

68 5.3 4.6 6.8

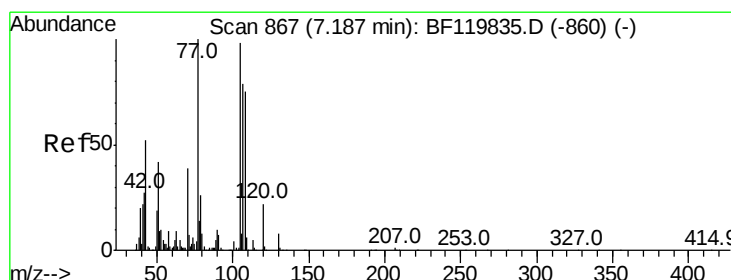
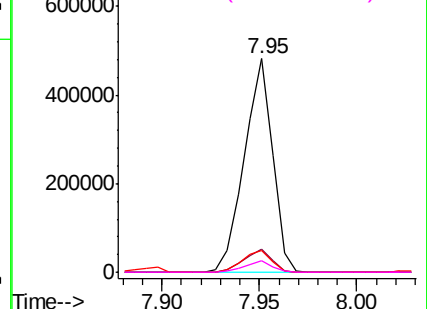
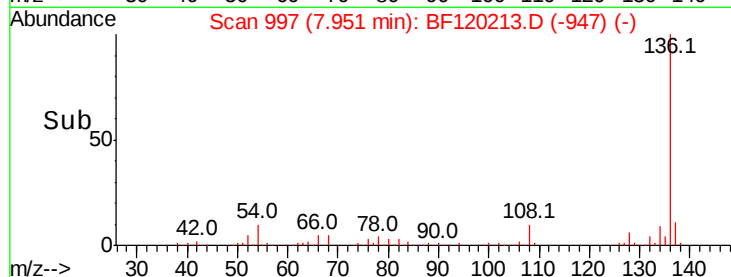


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.195 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Tgt Ion:105 Resp: 546591

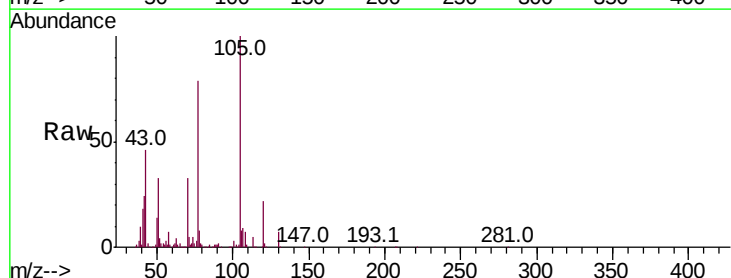
Ion Ratio Lower Upper

105 100

71 5.4 5.7 8.5#

51 33.0 26.2 39.4

120 22.2 18.3 27.5

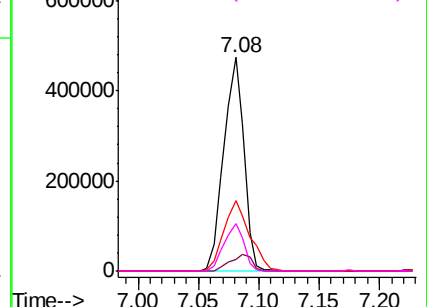
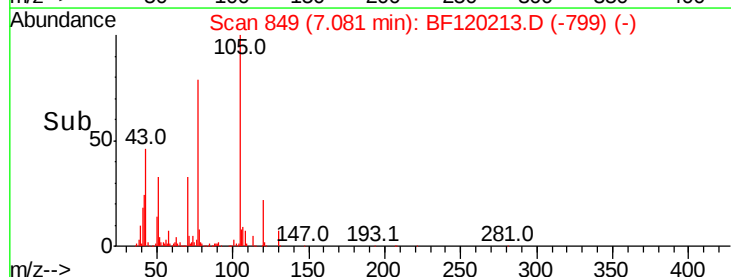


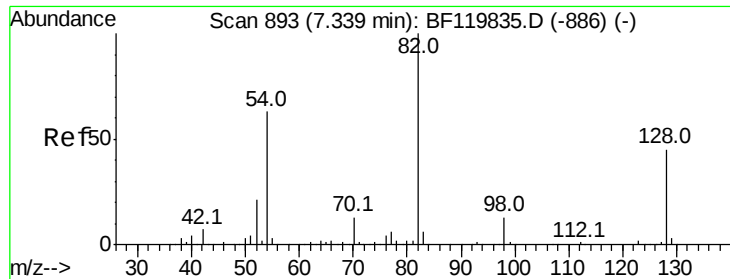
Abundance Ion 105.00 (104.70 to 105.70): E

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: 83.856 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Instrument :

BNA_F

ClientSampleId :

PB128485BS

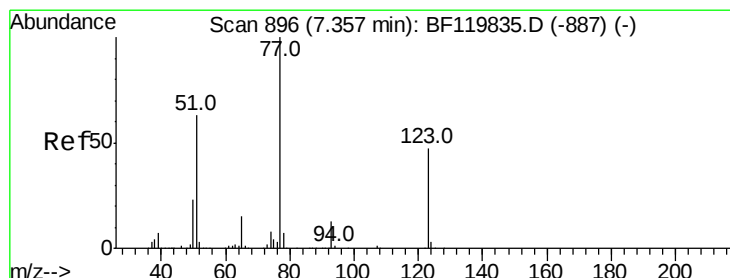
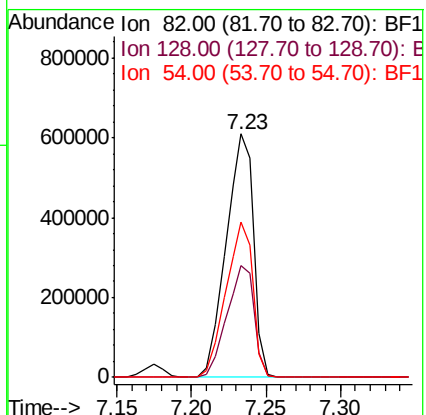
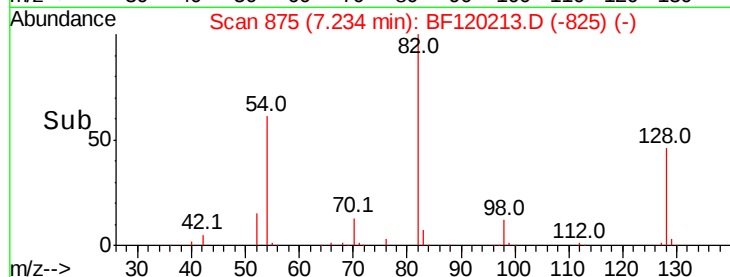
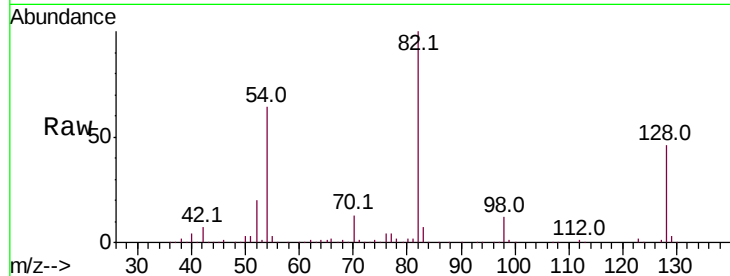
Tot Ion: 82 Resp: 785038

Ion Ratio Lower Upper

82 100

128 45.7 36.3 54.5

54 63.9 50.6 75.8



#24

Nitrobenzene

Concen: 44.537 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

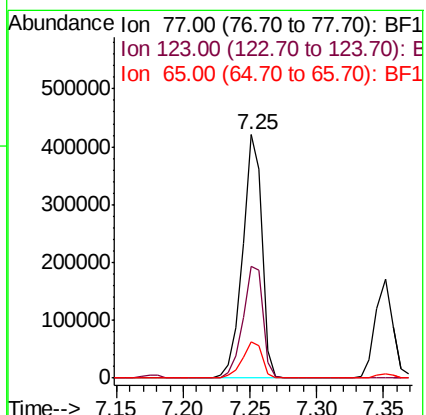
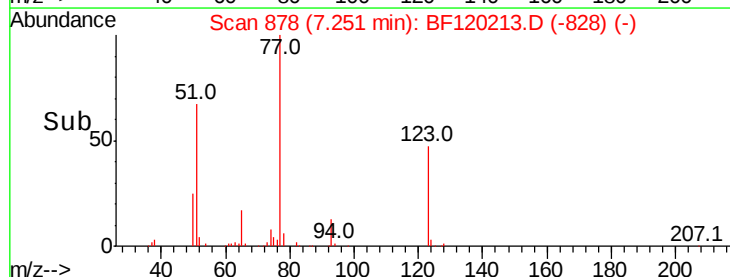
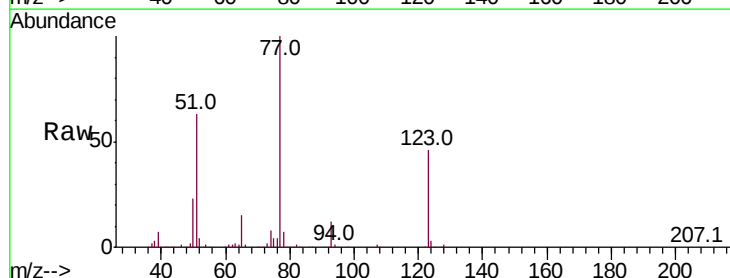
Tgt Ion: 77 Resp: 419434

Ion Ratio Lower Upper

77 100

123 45.8 38.0 57.0

65 15.1 12.6 18.8





#25

Isophorone

Concen: 41.391 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Instrument :

BNA_F

ClientSampleId :

PB128485BS

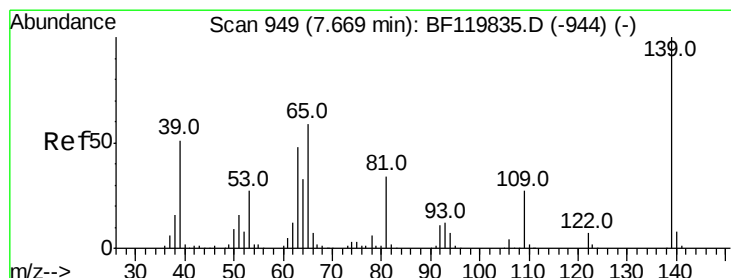
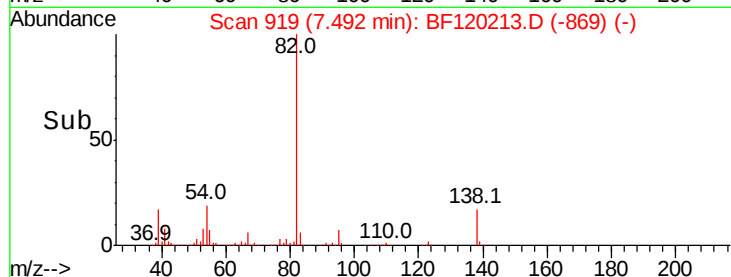
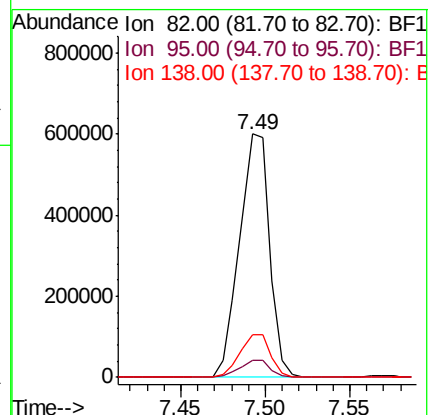
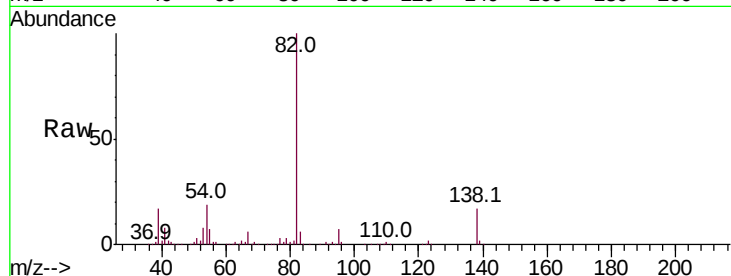
Tot Ion: 82 Resp: 746976

Ion Ratio Lower Upper

82 100

95 7.0 5.8 8.6

138 17.4 14.6 21.8



#26

2-Nitrophenol

Concen: 45.922 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

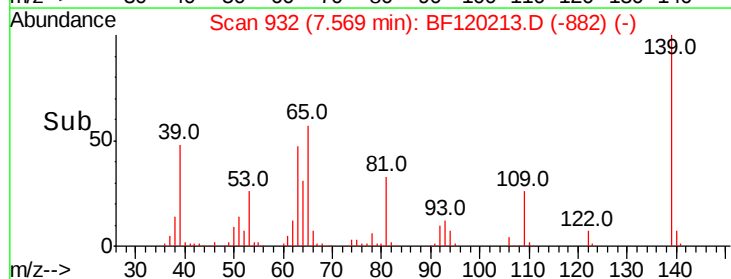
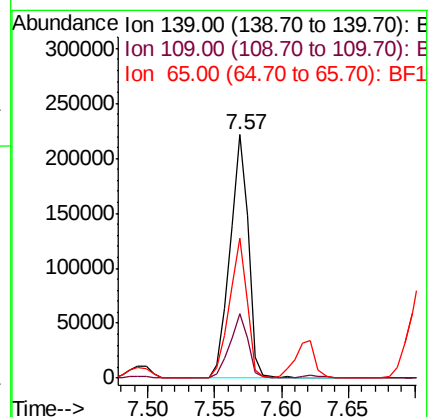
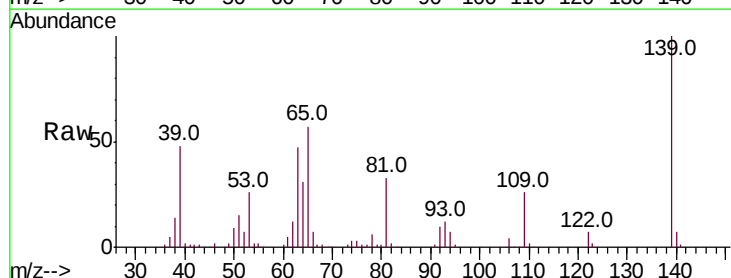
Tgt Ion:139 Resp: 216064

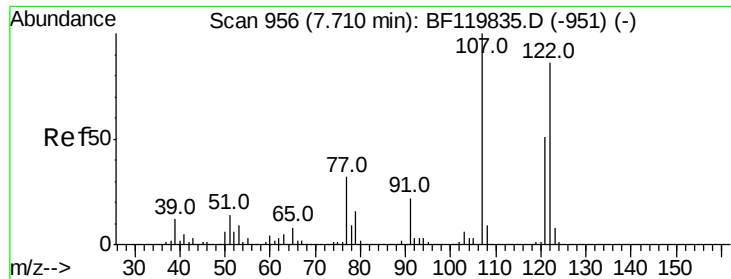
Ion Ratio Lower Upper

139 100

109 26.4 22.1 33.1

65 57.3 49.2 73.8





#27

2,4-Dimethylphenol

Concen: 46.711 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Instrument :

BNA_F

ClientSampleId :

PB128485BS

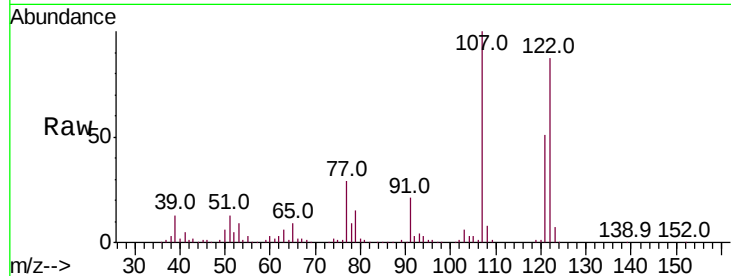
Tot Ion:122 Resp: 331464

Ion Ratio Lower Upper

122 100

107 115.4 89.0 133.6

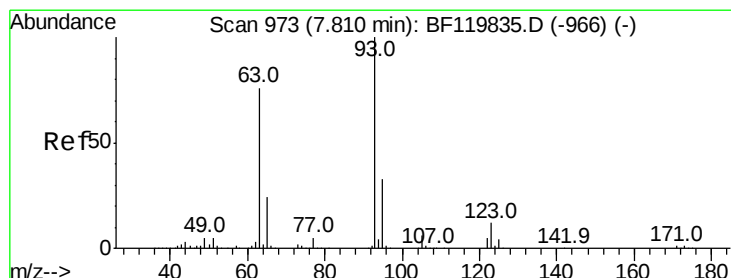
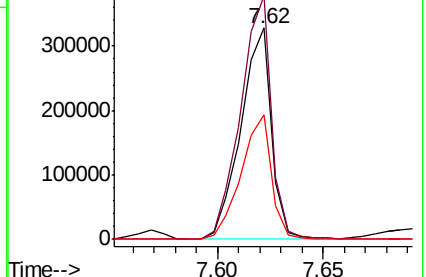
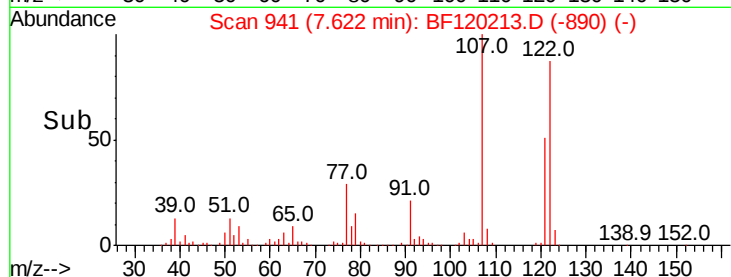
121 59.3 46.7 70.1



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: 44.249 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

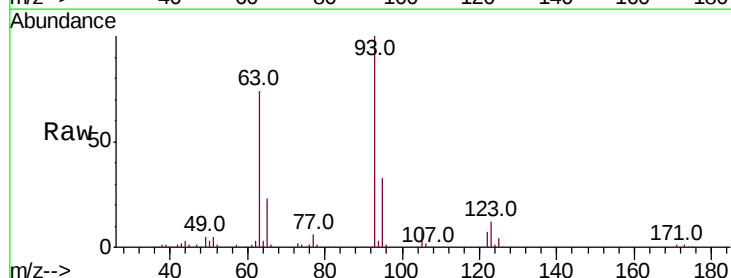
Tgt Ion: 93 Resp: 469898

Ion Ratio Lower Upper

93 100

95 33.0 26.3 39.5

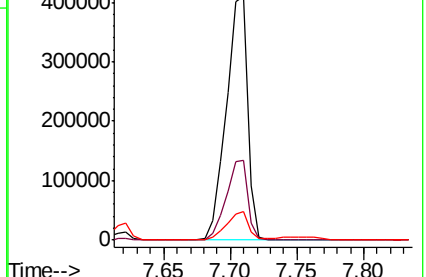
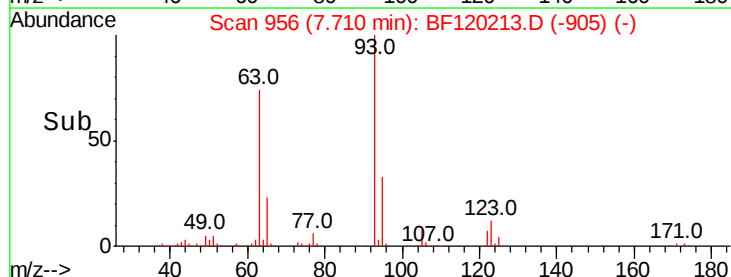
123 12.0 9.7 14.5

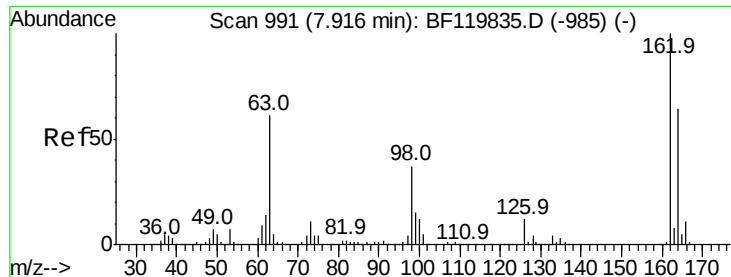


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

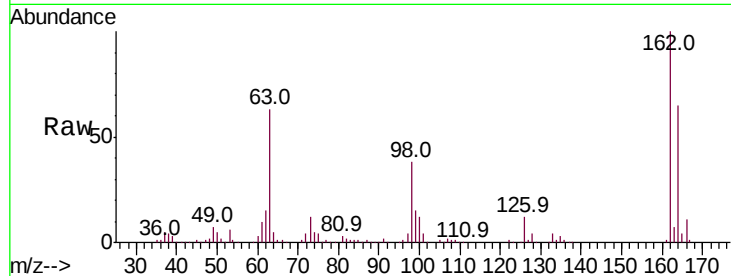




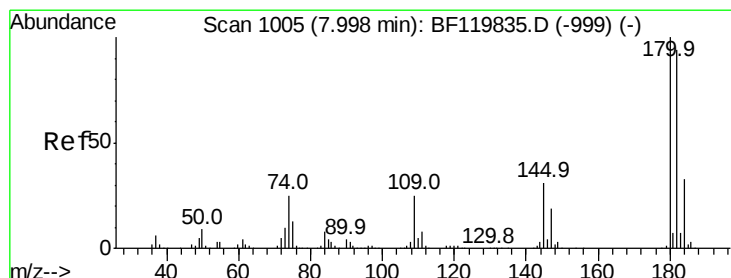
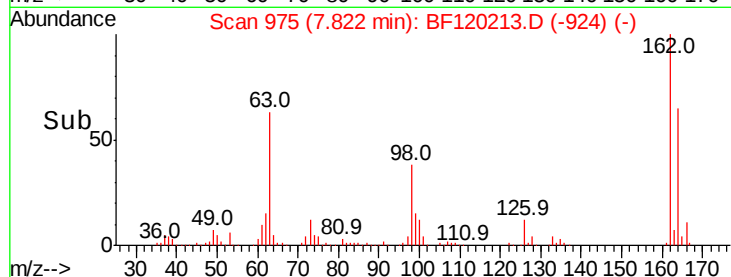
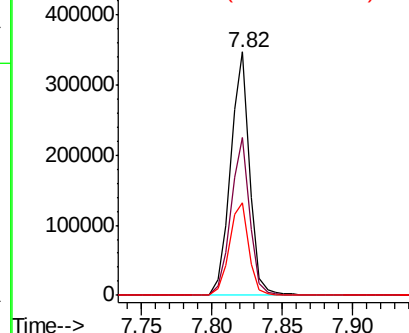
#29
 2,4-Dichlorophenol
 Concen: 44.654 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB128485BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.7	84.7
98	38.2	20.7	60.7

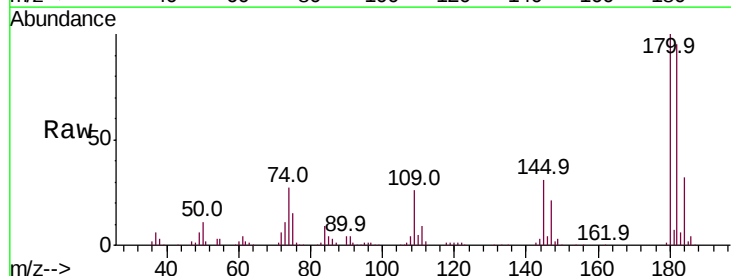


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

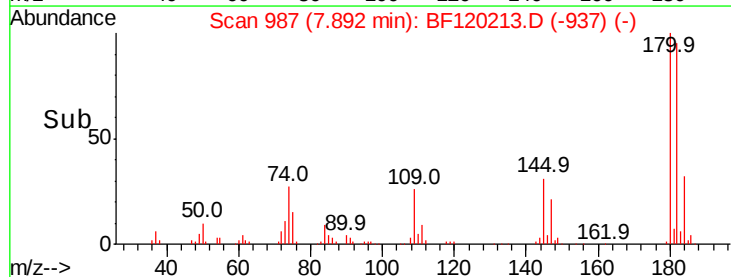
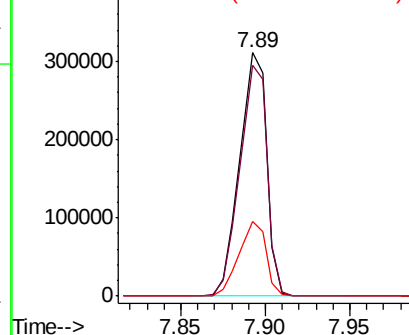


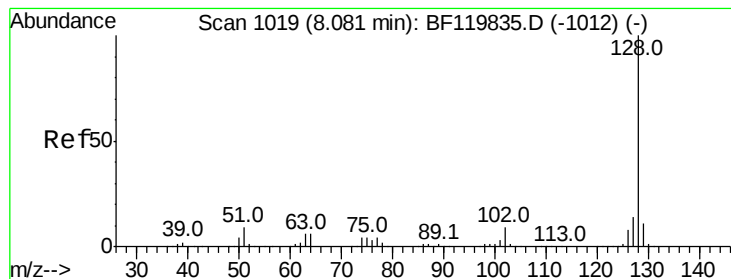
#30
 1,2,4-Trichlorobenzene
 Concen: 42.217 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	74.7	112.1
145	30.7	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: 44.103 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Instrument :

BNA_F

ClientSampleId :

PB128485BS

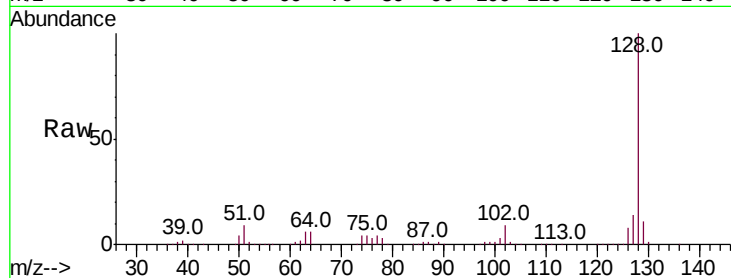
Tot Ion:128 Resp: 1123799

Ion Ratio Lower Upper

128 100

129 11.2 9.5 14.3

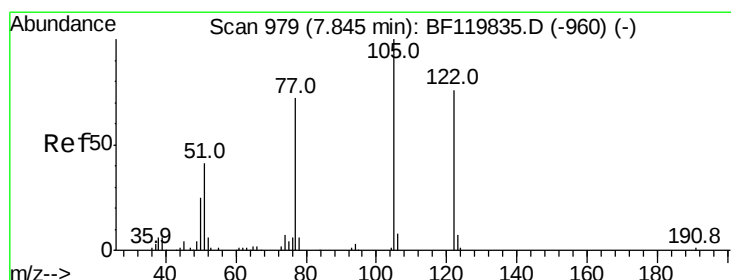
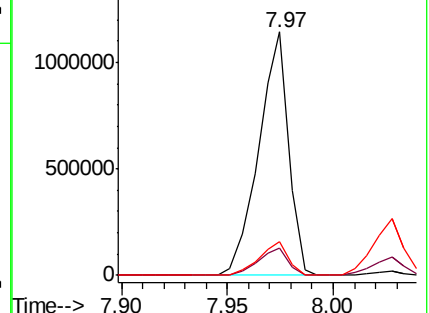
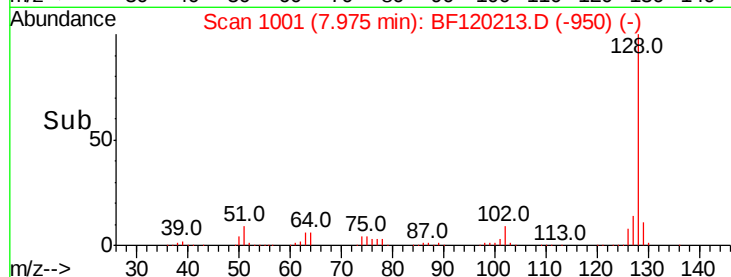
127 13.6 11.3 16.9



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: 35.810 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

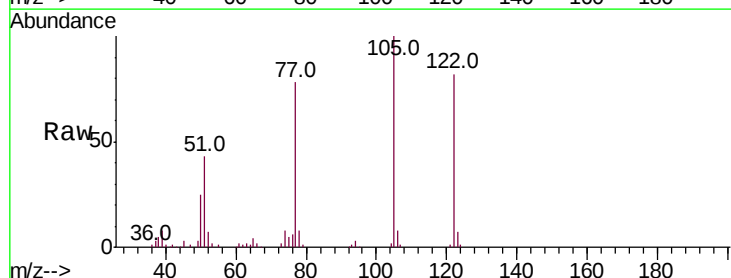
Tgt Ion:122 Resp: 223175

Ion Ratio Lower Upper

122 100

105 122.1 104.9 144.9

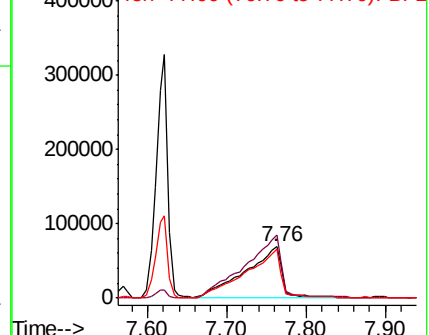
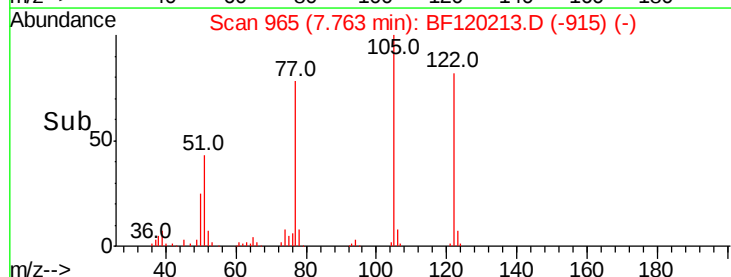
77 95.7 74.4 114.4

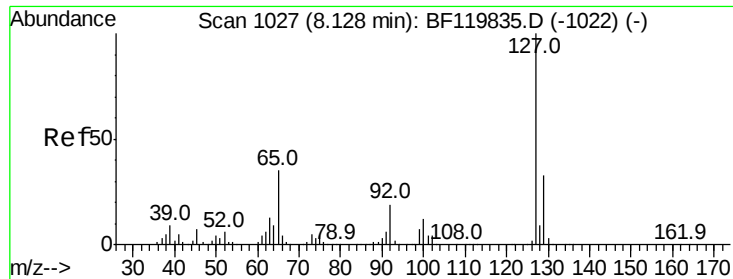


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

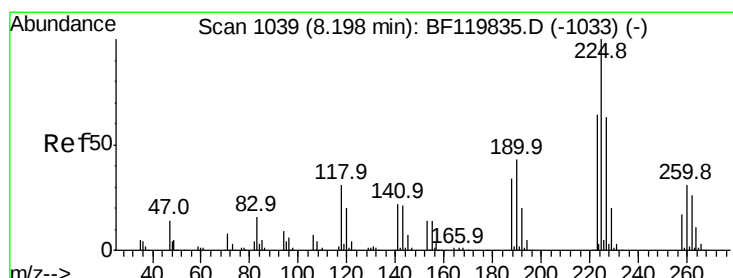
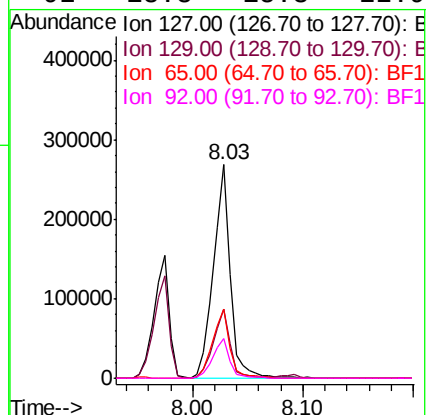
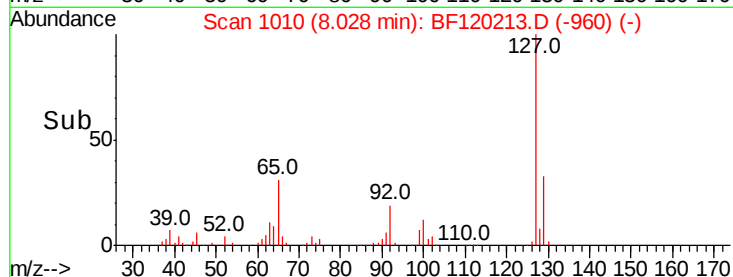
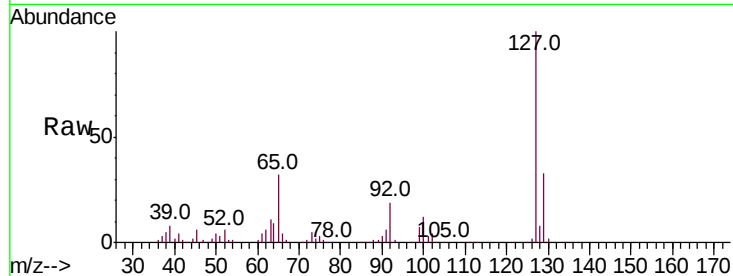




#33
4-Chloroaniline
Concen: 25.222 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

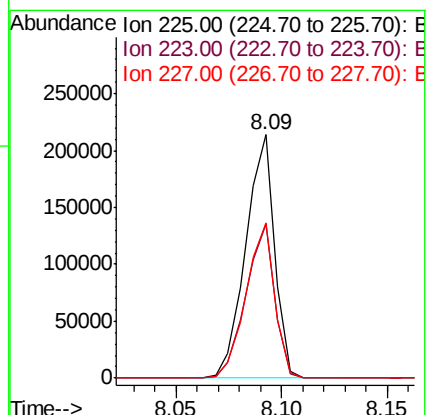
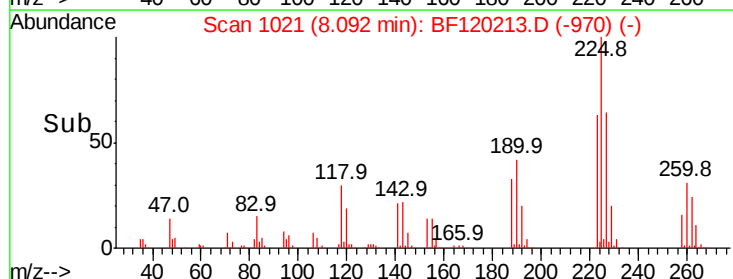
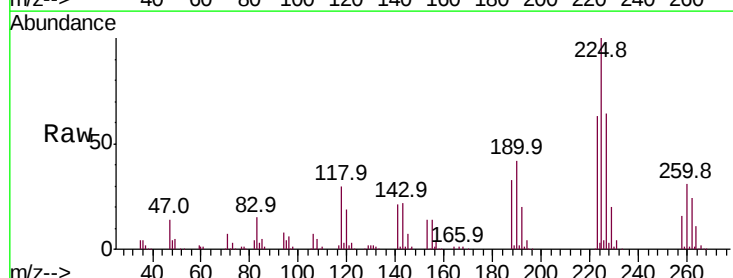
Instrument :
BNA_F
ClientSampleId :
PB128485BS

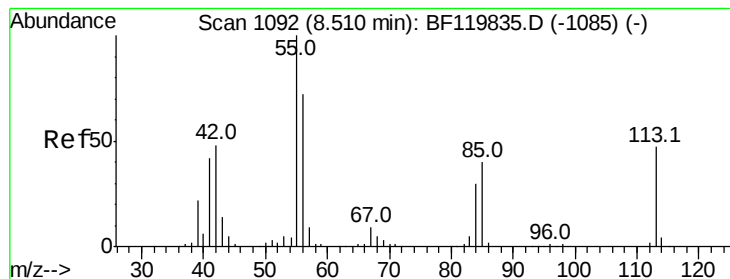
Tot Ion:	127	Resp:	279787
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.4
65	32.1	27.4	41.0
92	18.8	15.3	22.9



#34
Hexachlorobutadiene
Concen: 40.944 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Tgt Ion:	225	Resp:	201996
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.0	76.6
227	63.9	50.7	76.1





#35

Caprolactam

Concen: 23.585 ng

RT: 8.40 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Instrument :

BNA_F

ClientSampleId :

PB128485BS

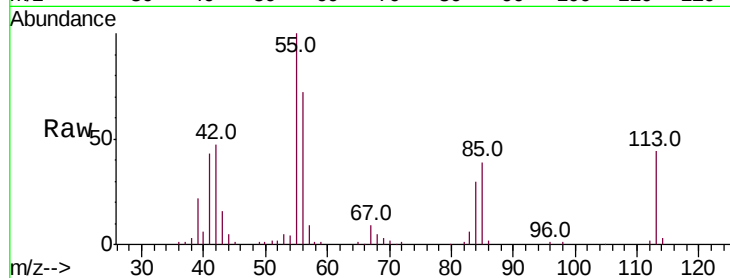
Tot Ion:113 Resp: 52476

Ion Ratio Lower Upper

113 100

55 228.8 218.4 258.4

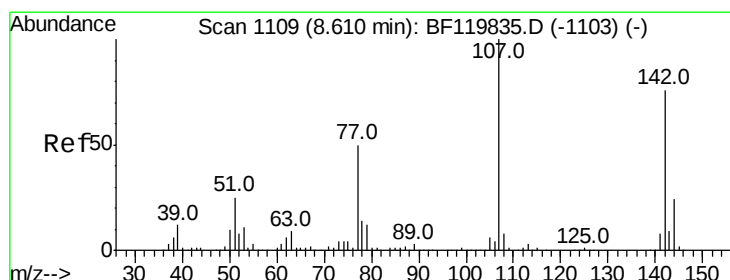
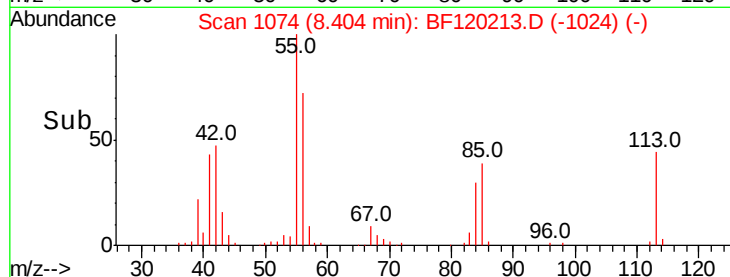
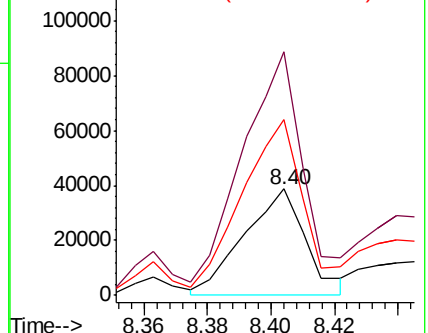
56 165.0 148.9 188.9



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: 43.061 ng

RT: 8.53 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

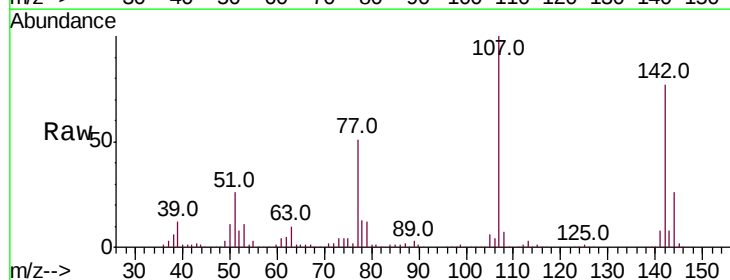
Tgt Ion:107 Resp: 339099

Ion Ratio Lower Upper

107 100

144 25.5 21.0 31.6

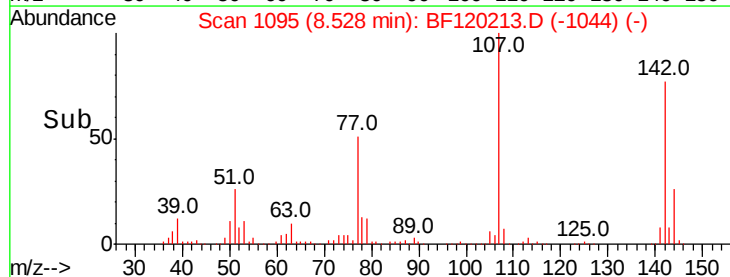
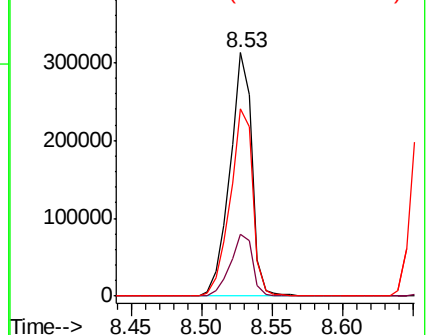
142 77.1 64.4 96.6

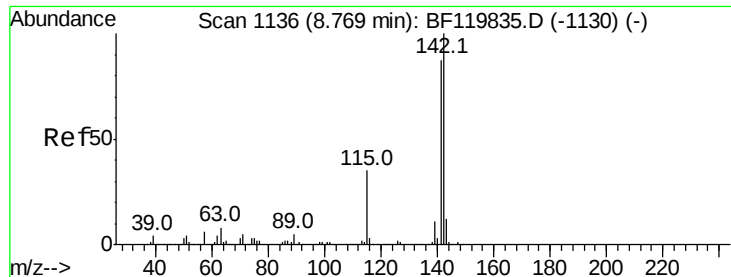


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

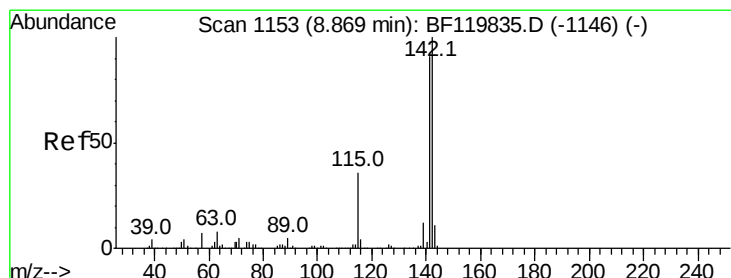
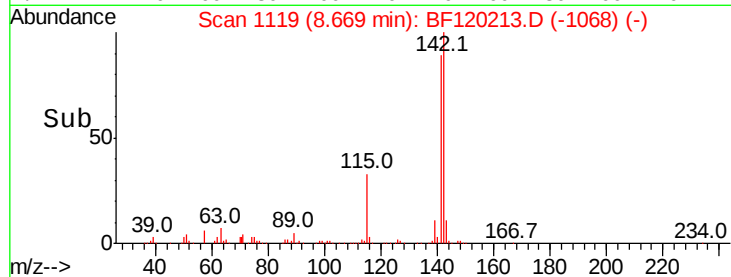
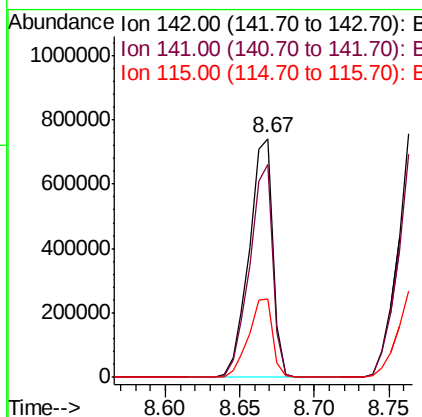
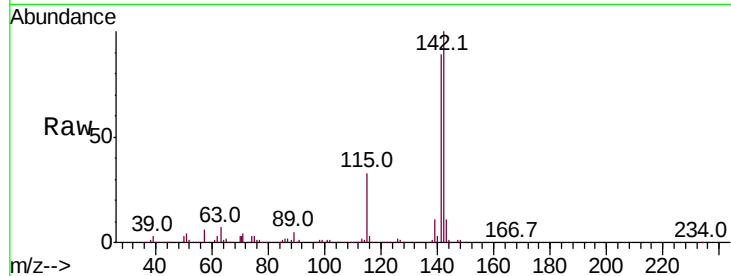




#37
2-Methylnaphthalene
Concen: 46.914 ng
RT: 8.67 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

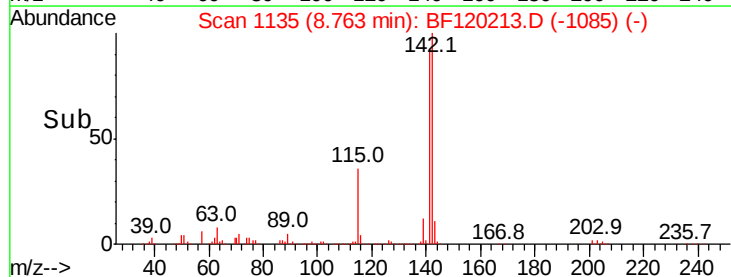
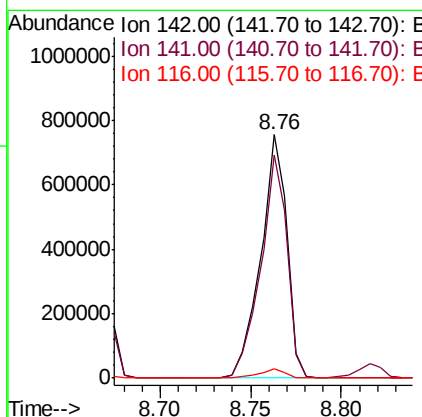
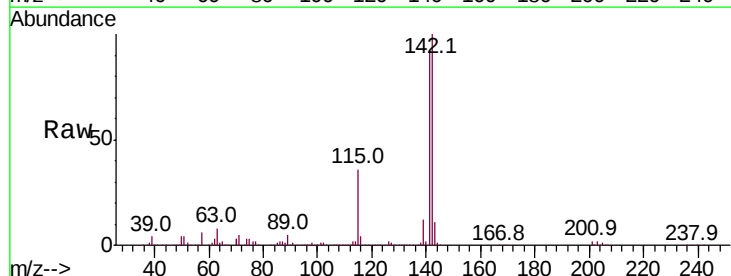
Instrument :
BNA_F
ClientSampleId :
PB128485BS

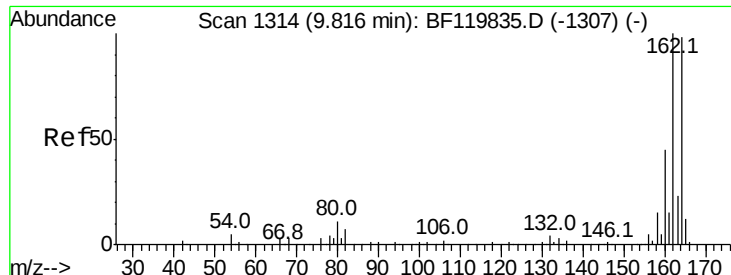
Tot Ion:142 Resp: 810467
Ion Ratio Lower Upper
142 100
141 88.9 71.7 107.5
115 33.0 27.9 41.9



#38
1-Methylnaphthalene
Concen: 46.622 ng
RT: 8.76 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Tgt Ion:142 Resp: 759153
Ion Ratio Lower Upper
142 100
141 91.5 73.7 110.5
116 3.6 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Instrument :

BNA_F

ClientSampleId :

PB128485BS

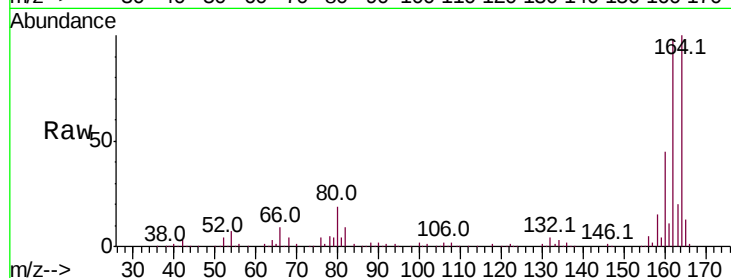
Tot Ion:164 Resp: 270885

Ion Ratio Lower Upper

164 100

162 98.2 80.6 121.0

160 44.9 35.7 53.5

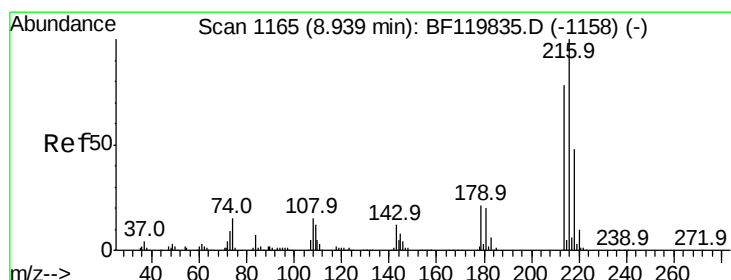
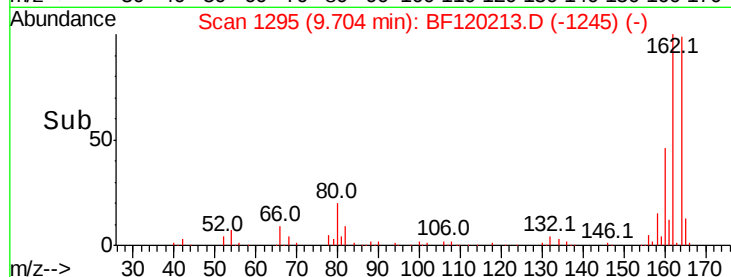
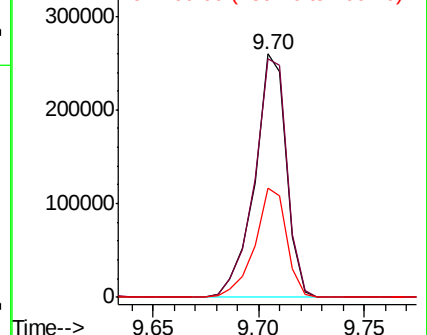


Abundance

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: 42.133 ng

RT: 8.83 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Tgt Ion:216 Resp: 360478

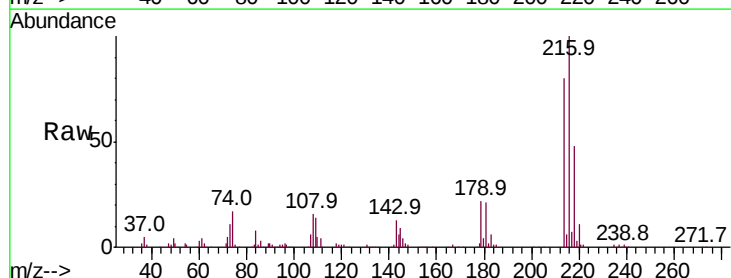
Ion Ratio Lower Upper

216 100

214 79.8 63.2 94.8

179 21.0 17.1 25.7

108 19.5 15.1 22.7



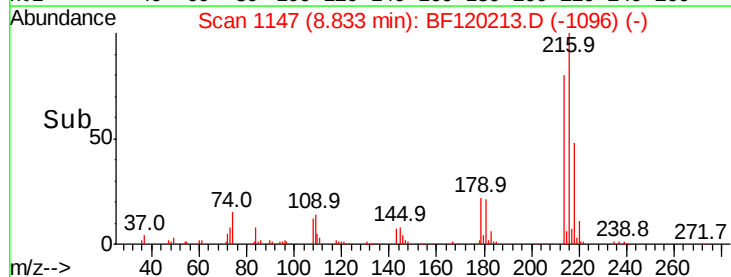
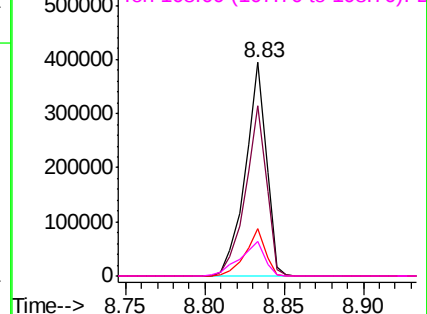
Abundance

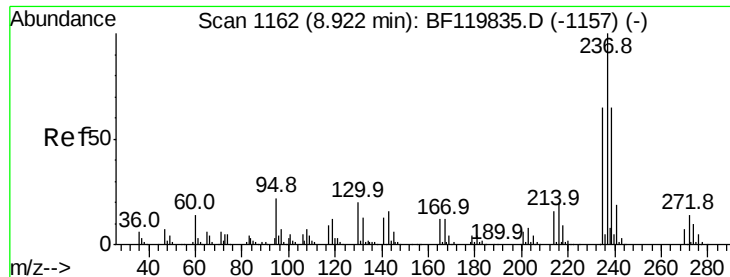
Ion 216.00 (215.70 to 216.70): E

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: 69.852 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Instrument :

BNA_F

ClientSampleId :

PB128485BS

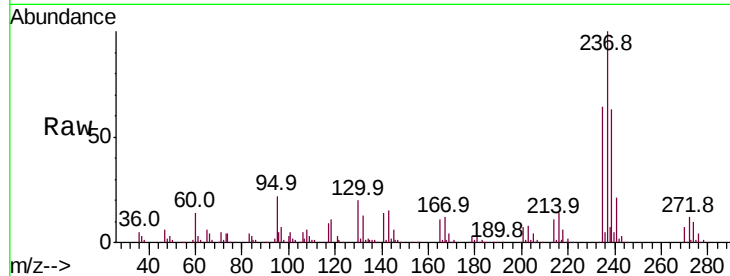
Tot Ion:237 Resp: 339838

Ion Ratio Lower Upper

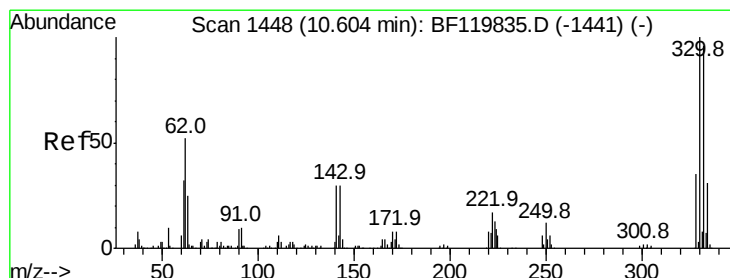
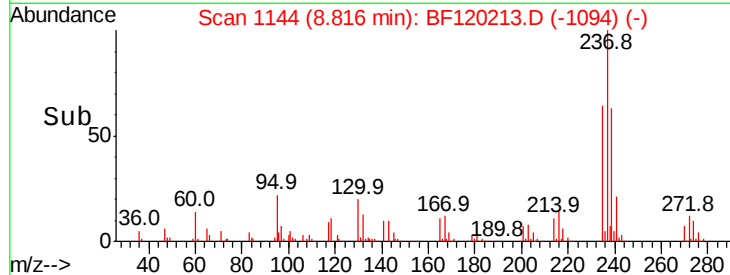
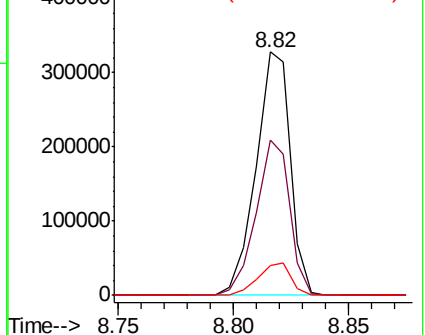
237 100

235 63.8 43.2 83.2

272 12.2 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: 111.474 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

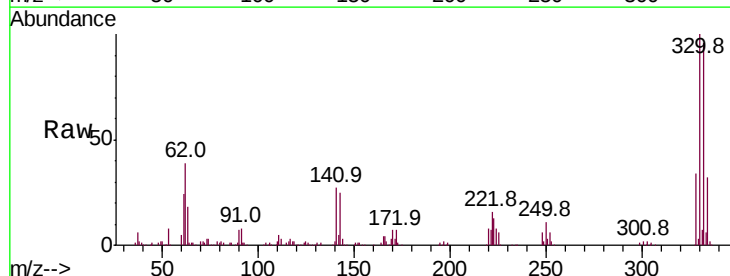
Tgt Ion:330 Resp: 369710

Ion Ratio Lower Upper

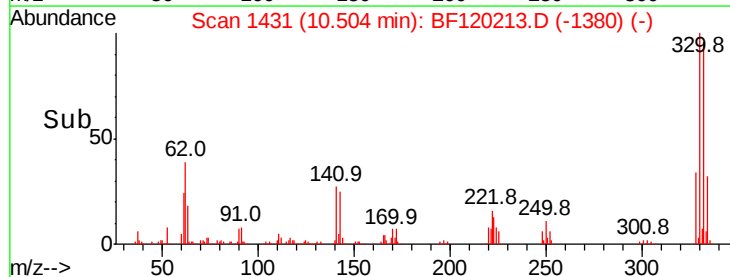
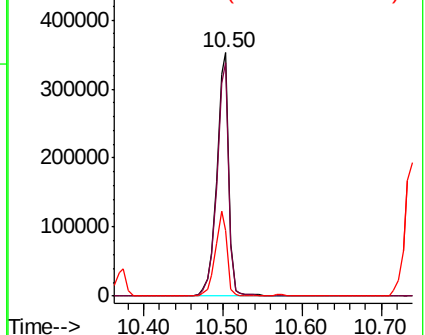
330 100

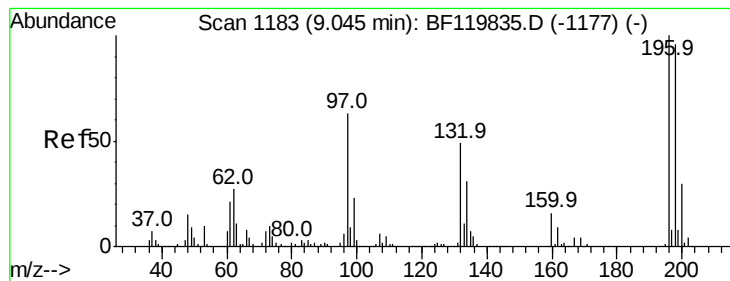
332 95.7 75.7 113.5

141 34.0 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: 42.201 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Instrument :

BNA_F

ClientSampleId :

PB128485BS

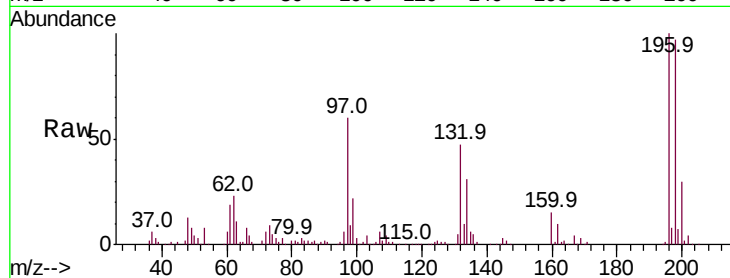
Tot Ion:196 Resp: 249327

Ion Ratio Lower Upper

196 100

198 97.1 76.6 115.0

200 30.4 24.6 36.8

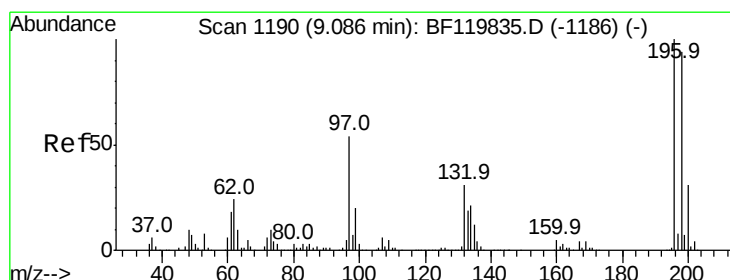
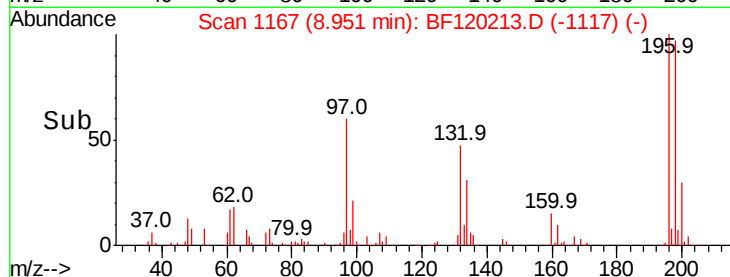
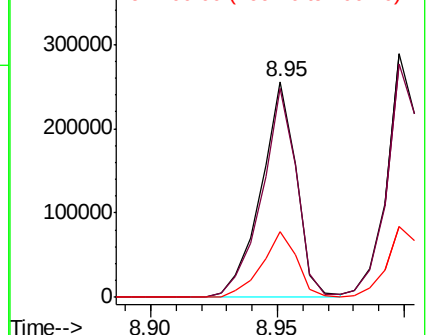


Abundance

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: 39.316 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Tgt Ion:196 Resp: 261621

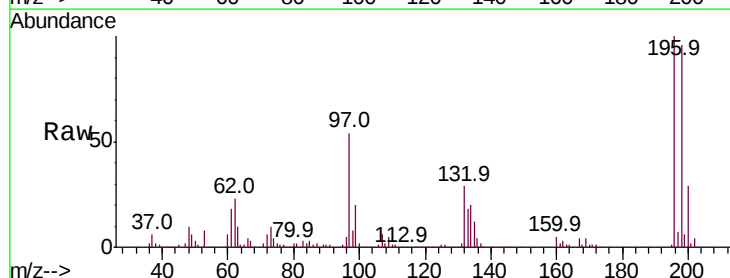
Ion Ratio Lower Upper

196 100

198 95.7 73.8 110.8

97 54.0 42.6 63.8

132 29.4 24.0 36.0



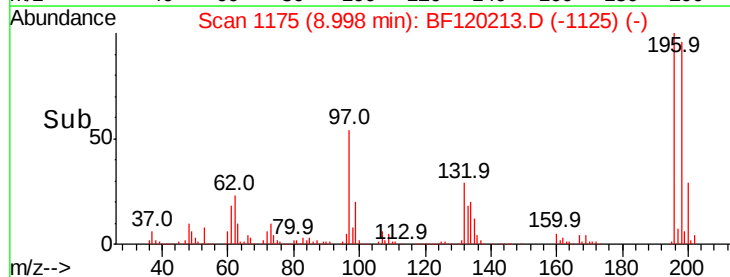
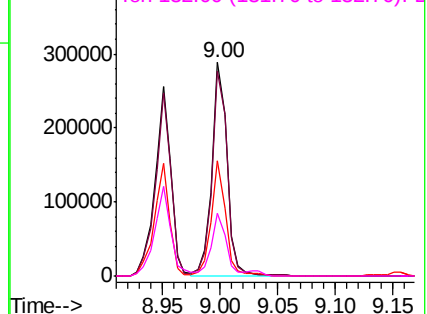
Abundance

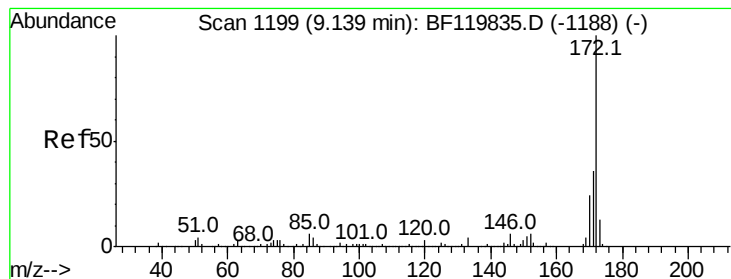
Ion 196.00 (195.70 to 196.70): E

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



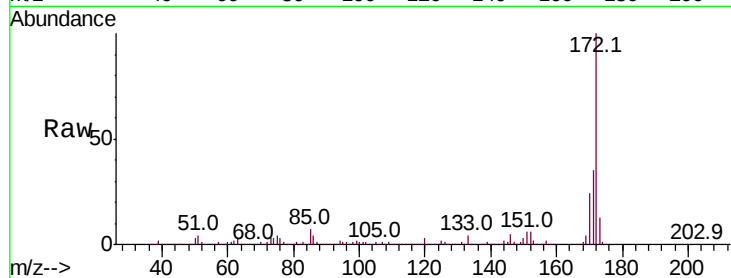


#45
 2-Fluorobiphenyl
 Concen: 84.415 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

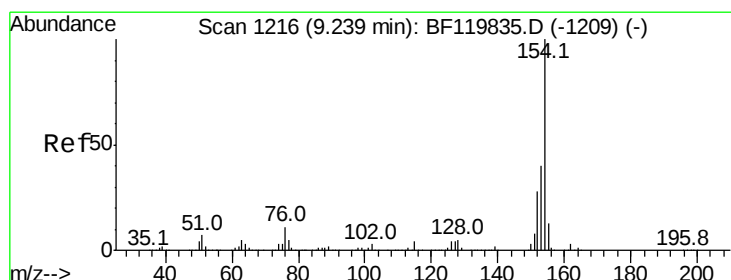
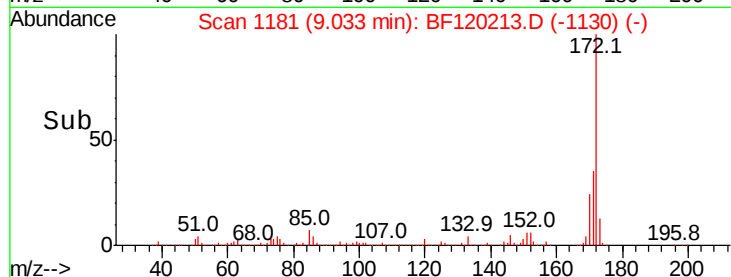
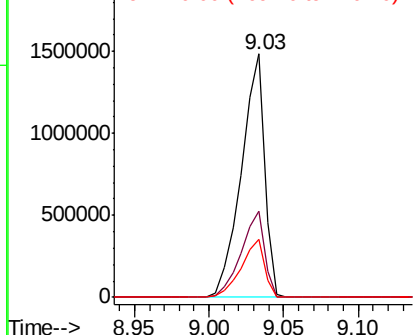
Instrument :
 BNA_F
 ClientSampleId :
 PB128485BS

Tot Ion:172 Resp: 1610590

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.6	44.4
170	24.1	20.2	30.2



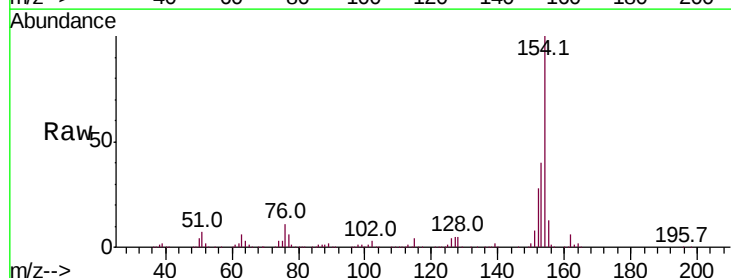
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



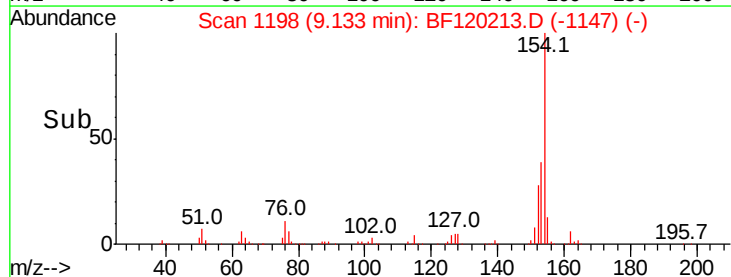
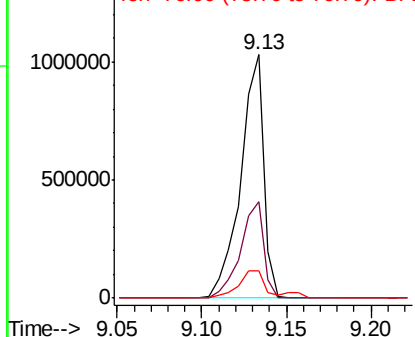
#46
 1,1'-Biphenyl
 Concen: 42.919 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

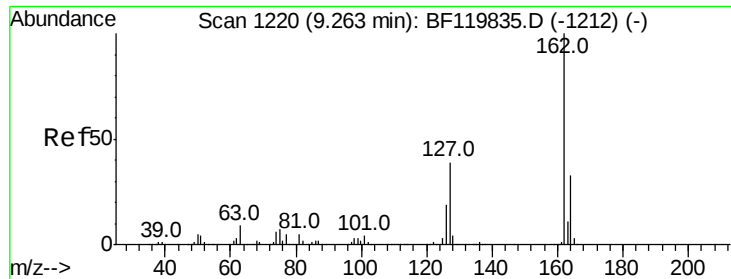
Tgt Ion:154 Resp: 981311

Ion	Ratio	Lower	Upper
154	100		
153	39.5	21.4	61.4
76	11.2	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

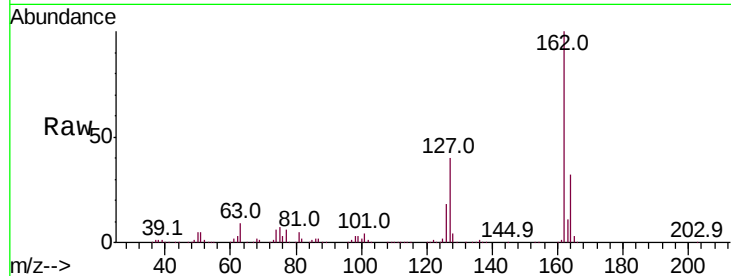




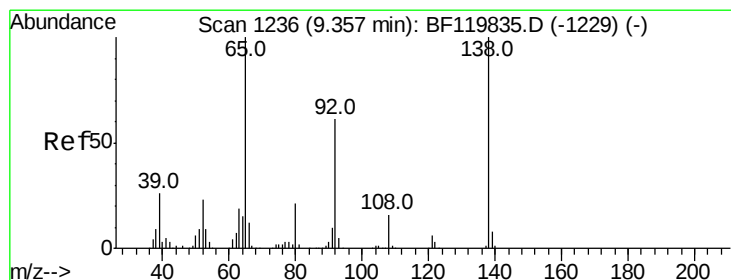
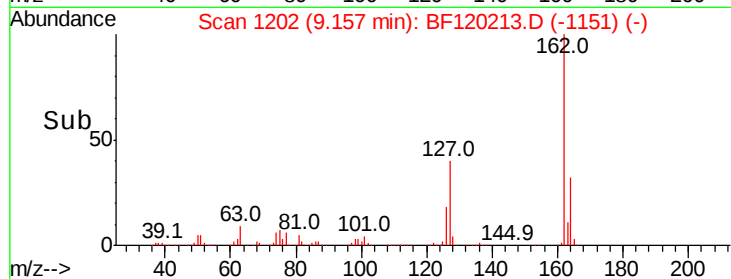
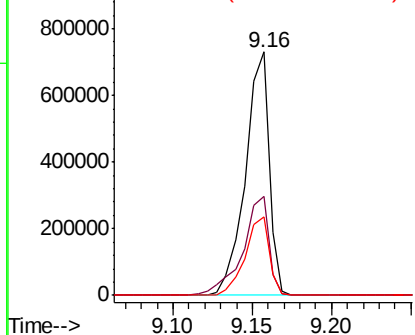
#47
 2-Chloronaphthalene
 Concen: 42.874 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB128485BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	33.7	50.5
164	32.3	26.3	39.5

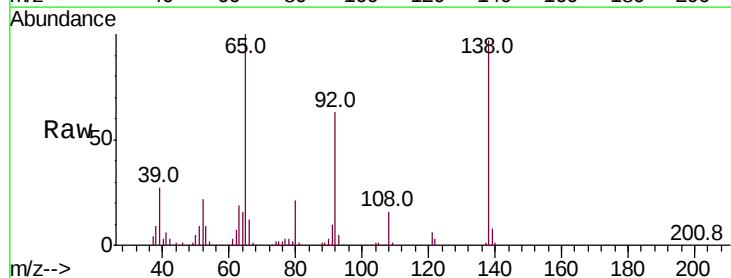


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

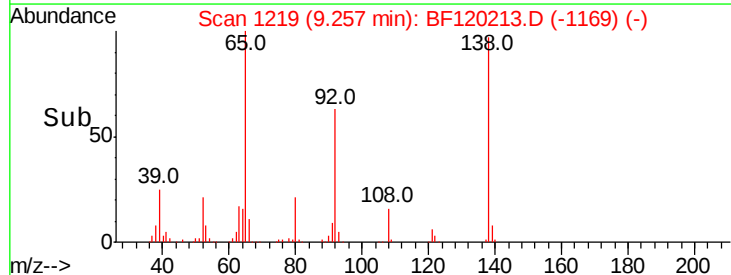
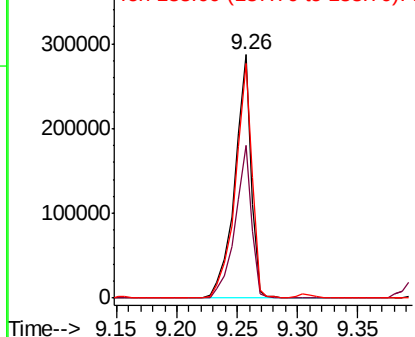


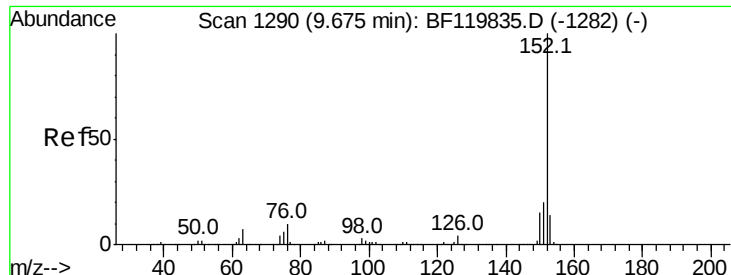
#48
 2-Nitroaniline
 Concen: 42.624 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.6	50.0	75.0
138	96.5	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: 44.995 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Instrument :

BNA_F

ClientSampleId :

PB128485BS

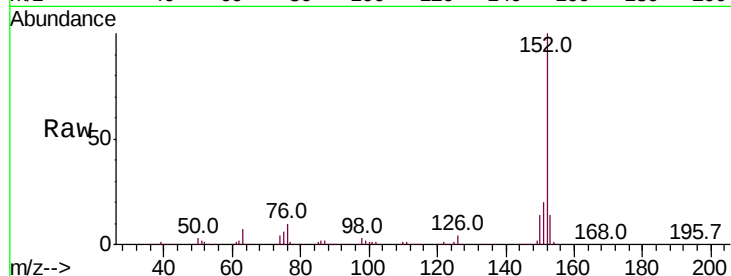
Tot Ion:152 Resp: 1205272

Ion Ratio Lower Upper

152 100

151 20.0 17.2 25.8

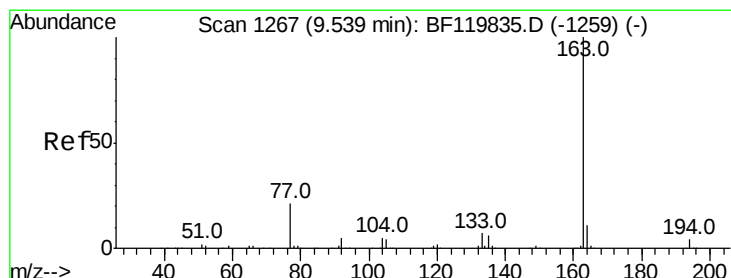
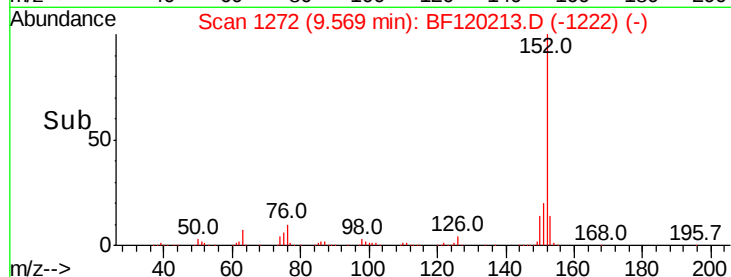
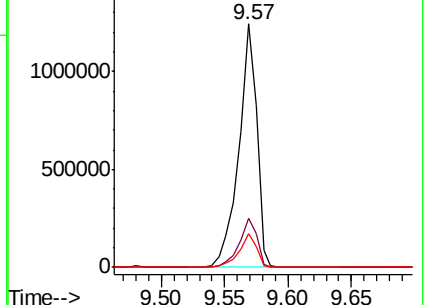
153 13.7 11.2 16.8



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: 42.716 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.00 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

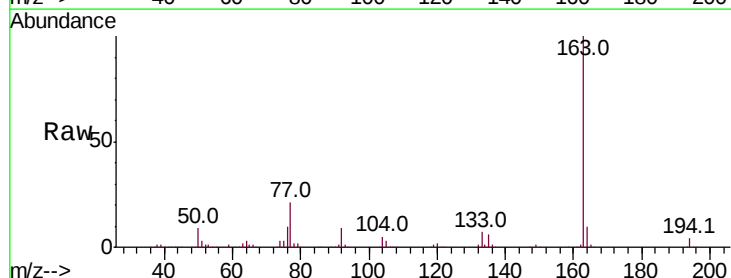
Tgt Ion:163 Resp: 895002

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

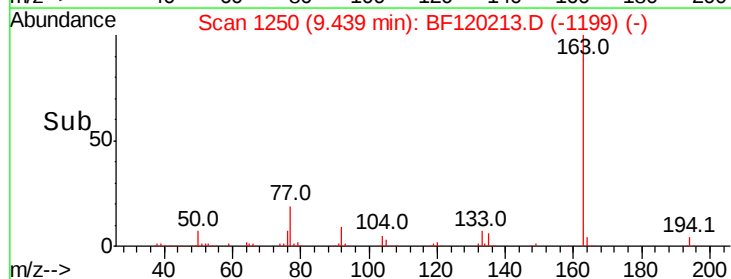
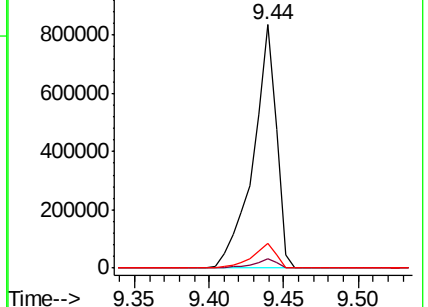
164 10.3 8.2 12.2

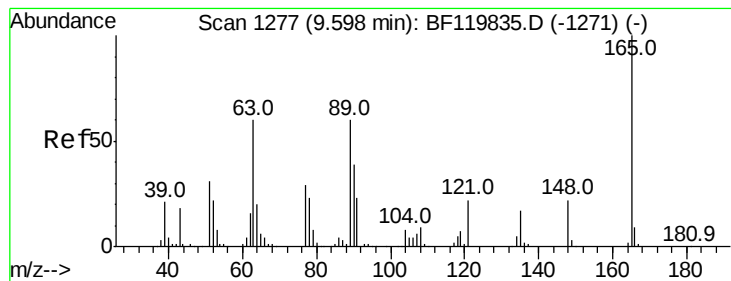


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.598 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Instrument :

BNA_F

ClientSampleID :

PB128485BS

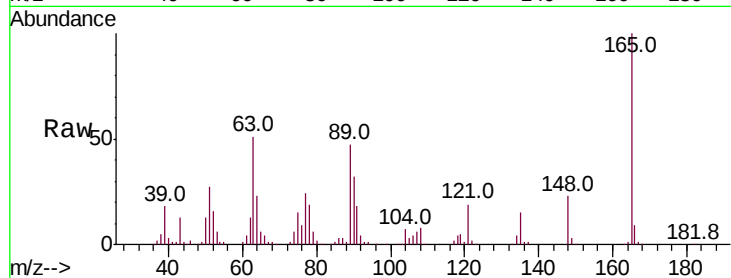
Tot Ion:165 Resp: 200038

Ion Ratio Lower Upper

165 100

63 51.4 45.0 67.4

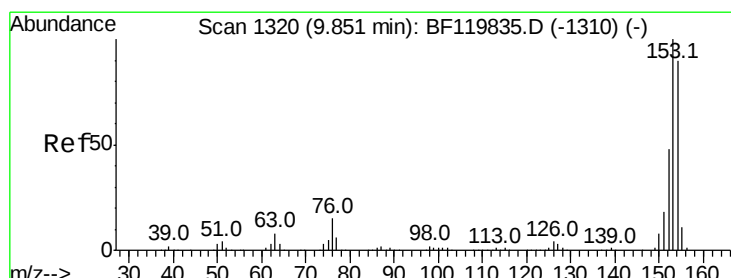
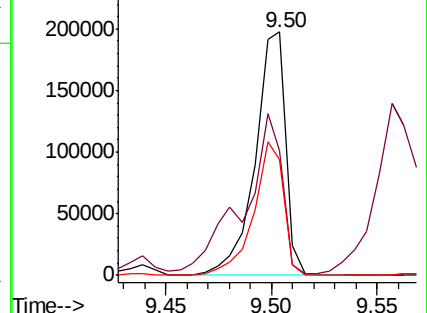
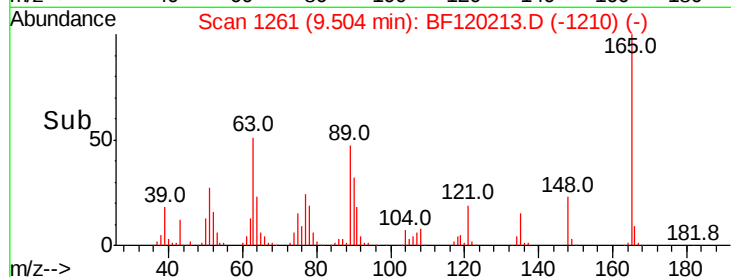
89 47.4 41.5 62.3



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: 40.124 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

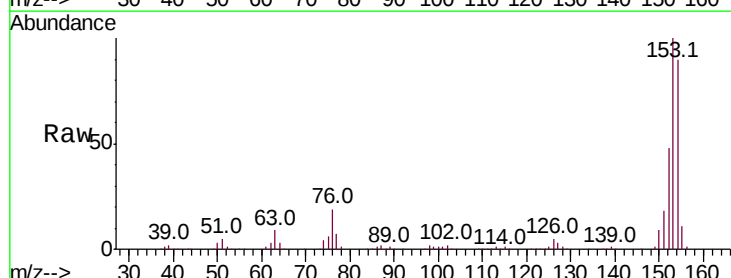
Tgt Ion:154 Resp: 716951

Ion Ratio Lower Upper

154 100

153 111.7 88.1 132.1

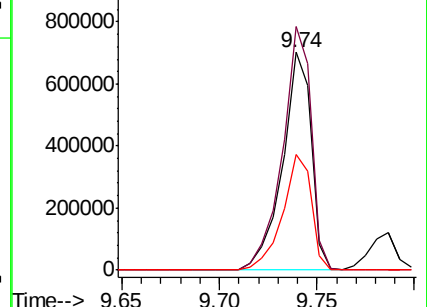
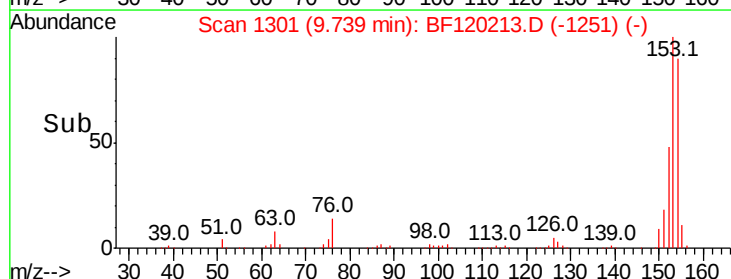
152 53.3 43.0 64.4

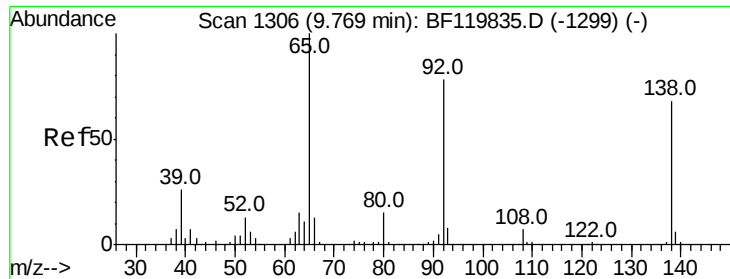


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 27.816 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Instrument :

BNA_F

ClientSampleId :

PB128485BS

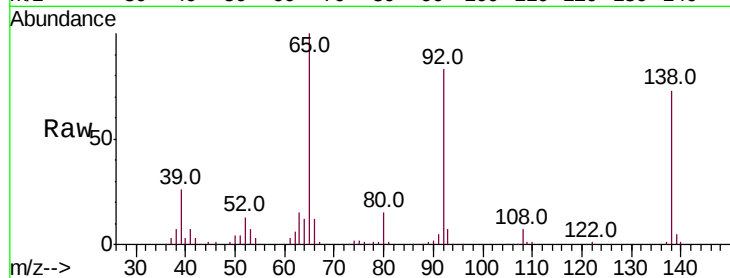
Tot Ion:138 Resp: 145761

Ion Ratio Lower Upper

138 100

108 9.9 8.6 13.0

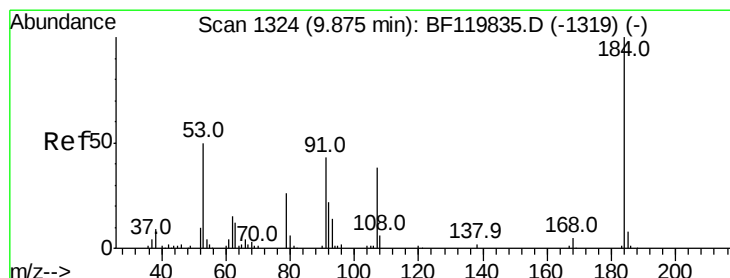
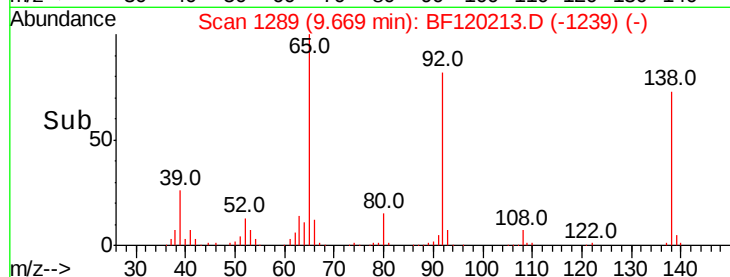
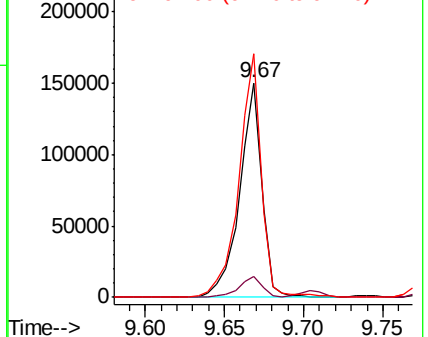
92 113.5 95.4 143.0



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: 76.757 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

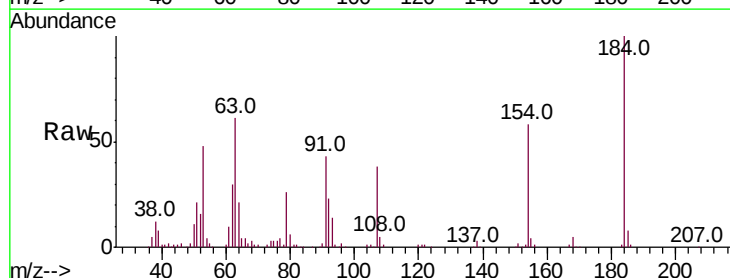
Tgt Ion:184 Resp: 210851

Ion Ratio Lower Upper

184 100

63 61.2 50.2 75.4

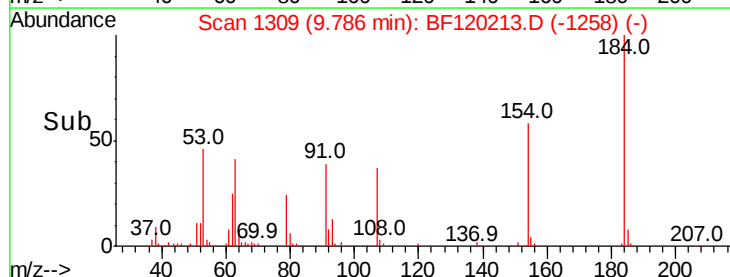
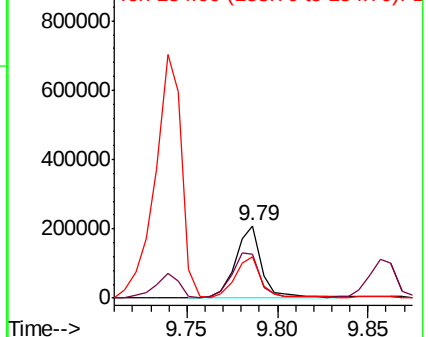
154 57.7 44.5 66.7

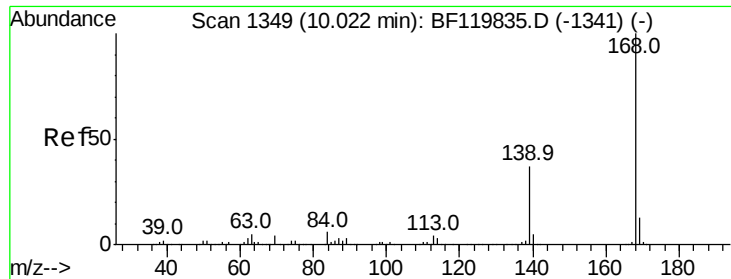


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

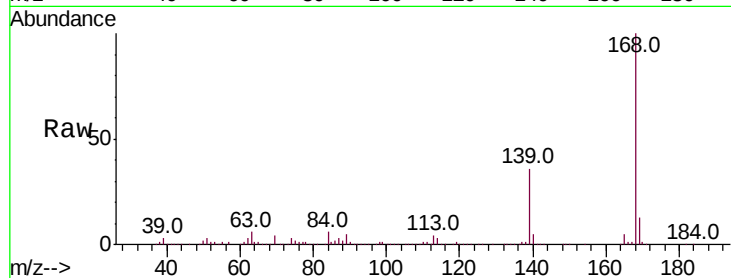




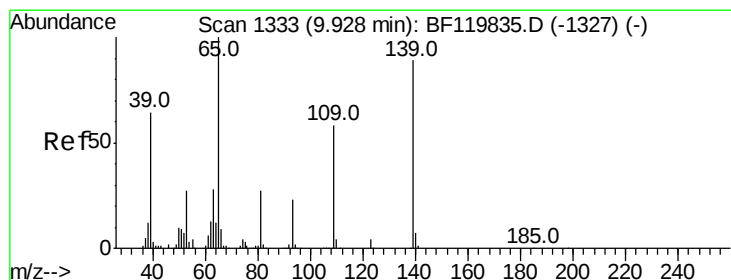
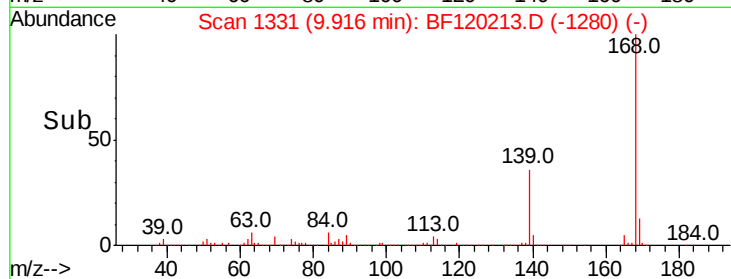
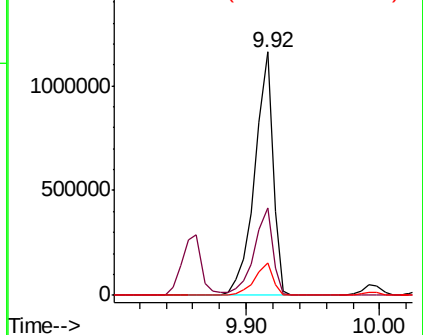
#55
Dibenzofuran
Concen: 44.216 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Instrument :
BNA_F
ClientSampleId :
PB128485BS

Tot Ion:168 Resp: 1084181
Ion Ratio Lower Upper
168 100
139 35.9 30.1 45.1
169 13.1 11.0 16.6

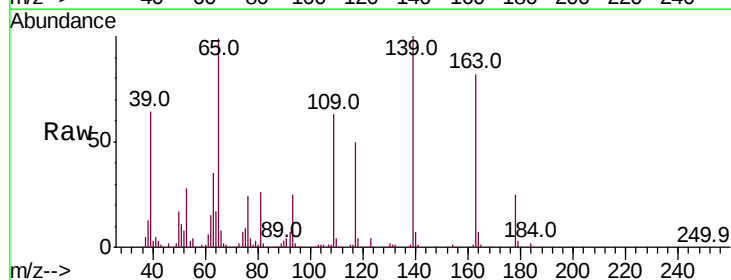


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

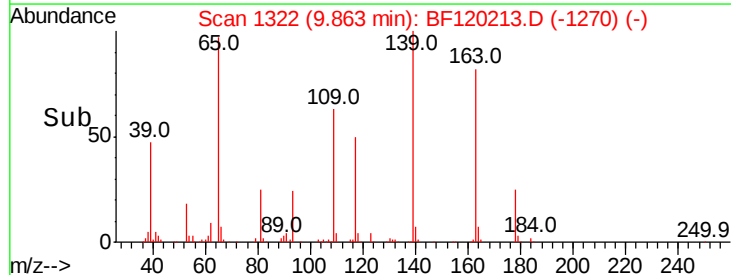
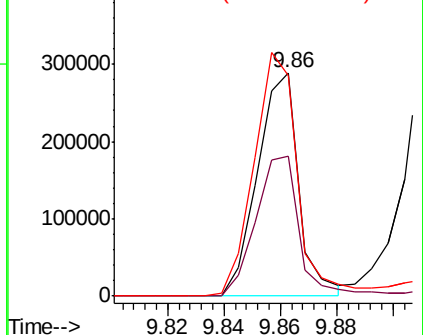


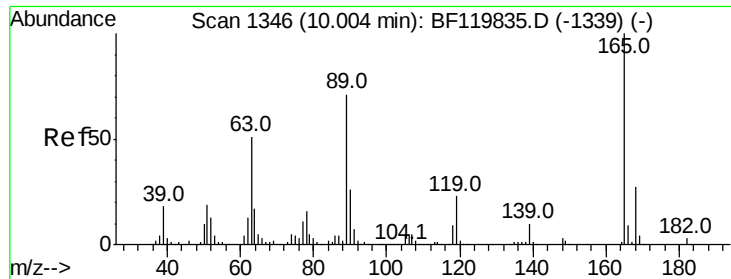
#56
4-Nitrophenol
Concen: 75.217 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Tgt Ion:139 Resp: 293270
Ion Ratio Lower Upper
139 100
109 62.9 43.3 83.3
65 98.8 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

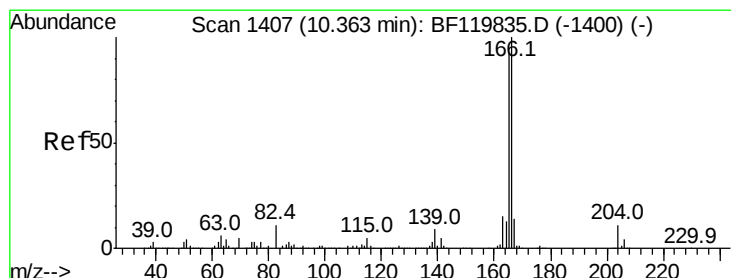
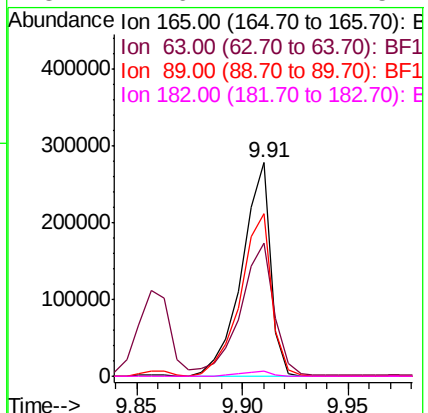
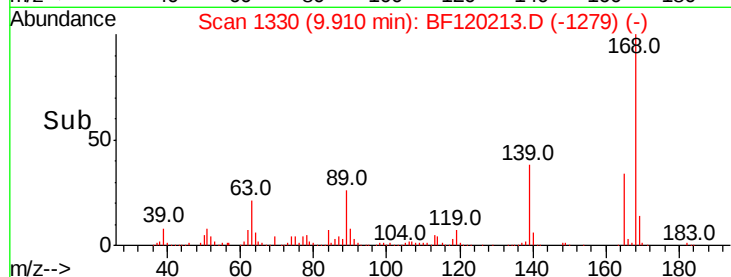
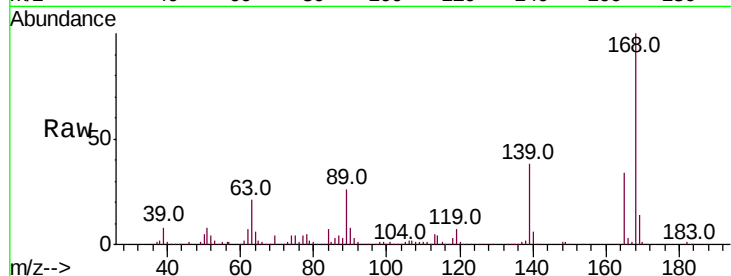




#57
 2,4-Dinitrotoluene
 Concen: 43.380 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

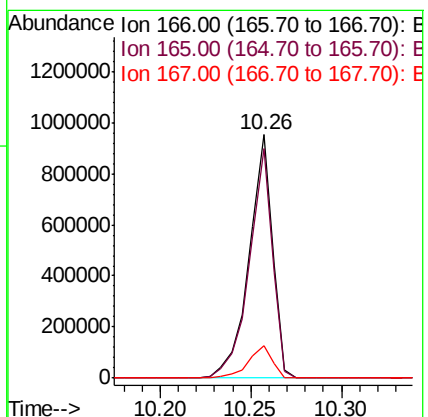
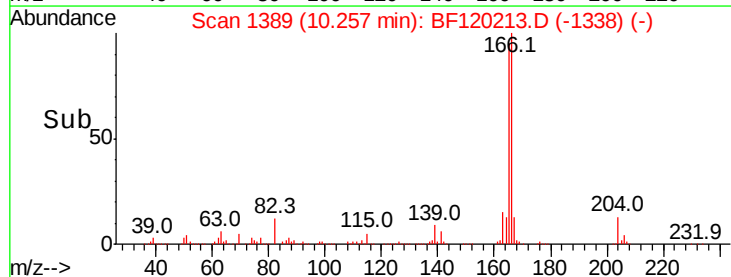
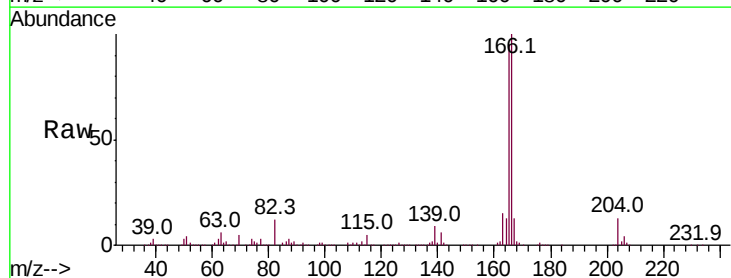
Instrument :
 BNA_F
 ClientSampleId :
 PB128485BS

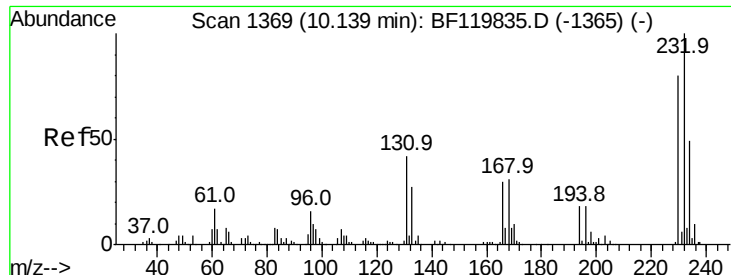
Tot Ion	Ratio	Lower	Upper
165	100		
63	62.4	42.6	64.0
89	76.2	61.0	91.4
182	2.6	2.2	3.2



#58
 Fluorene
 Concen: 43.641 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.5	75.4	113.2
167	13.5	11.2	16.8

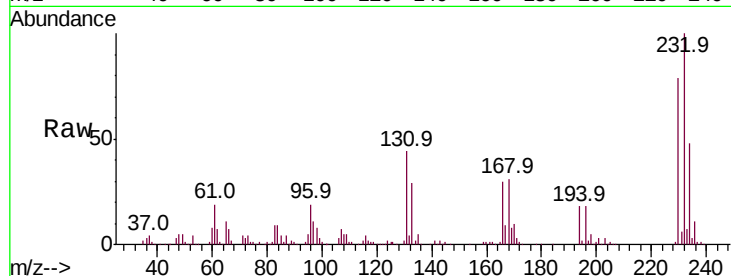




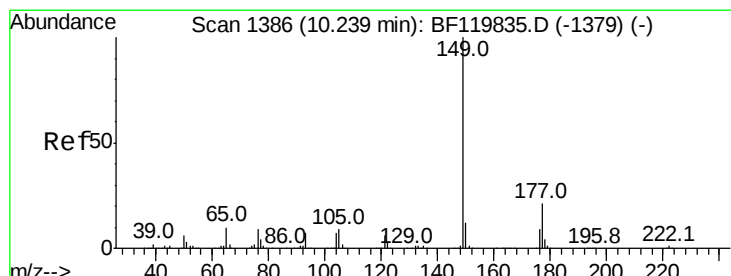
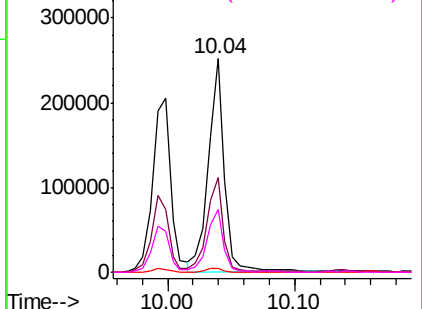
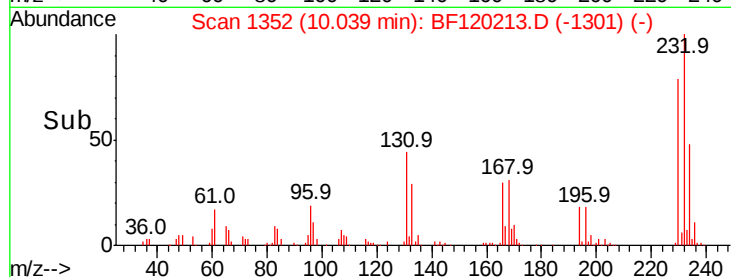
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.145 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. -0.00 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB128485BS

Tot Ion:	232	Resp:	224666
Ion	Ratio	Lower	Upper
232	100		
131	46.0	37.5	56.3
130	2.2	1.8	2.6
166	30.6	24.6	36.8

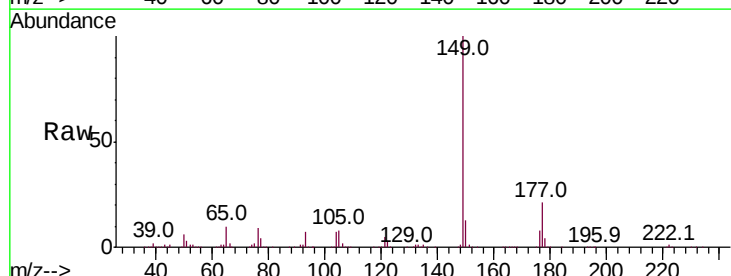


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

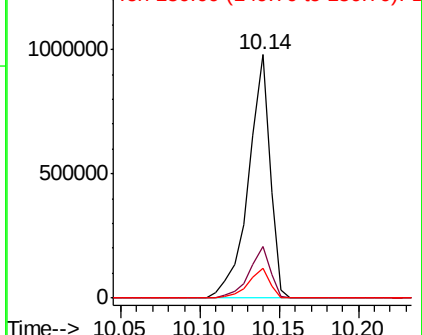
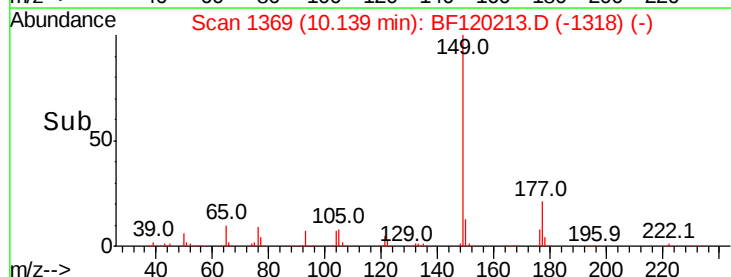


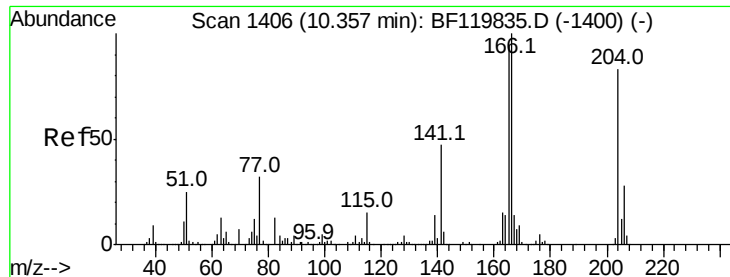
#60
 Diethylphthalate
 Concen: 42.530 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

Tgt Ion:	149	Resp:	923586
Ion	Ratio	Lower	Upper
149	100		
177	21.2	17.0	25.6
150	12.5	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

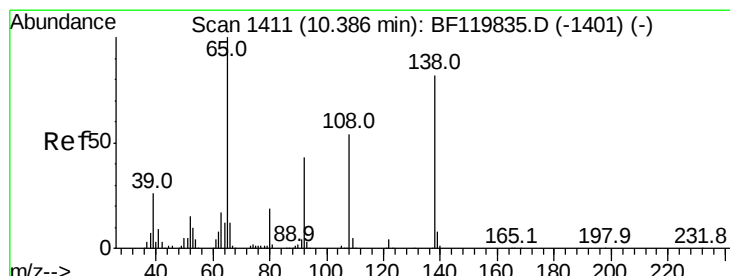
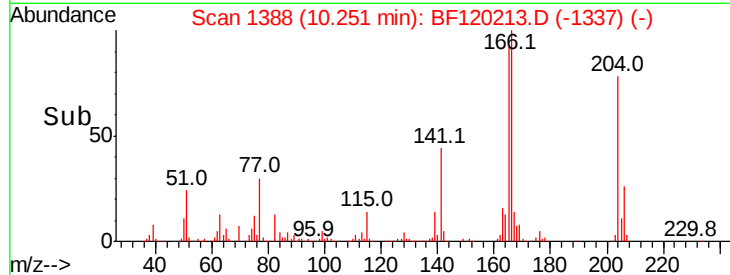
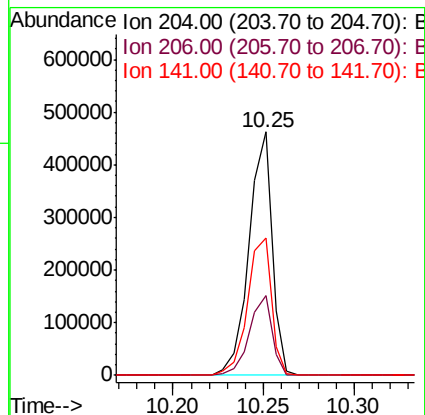
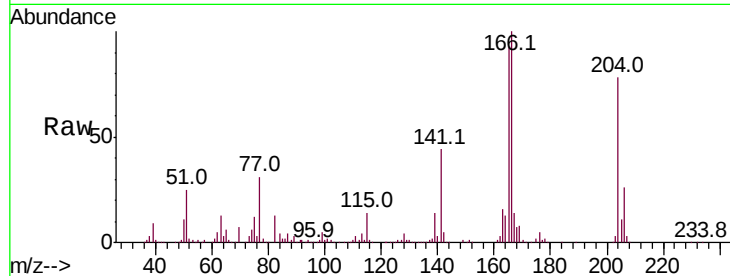




#61
 4-Chlorophenyl-phenylether
 Concen: 40.891 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

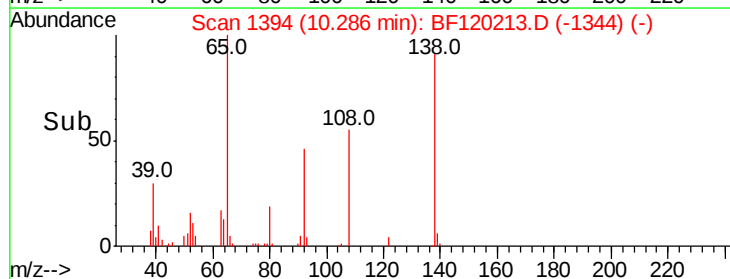
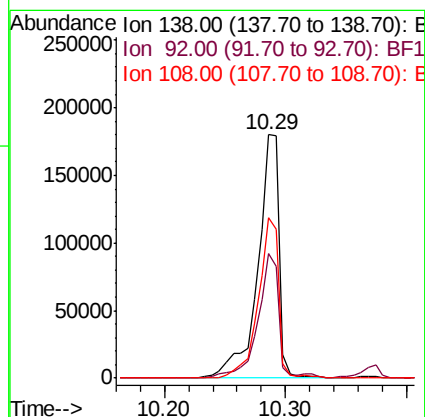
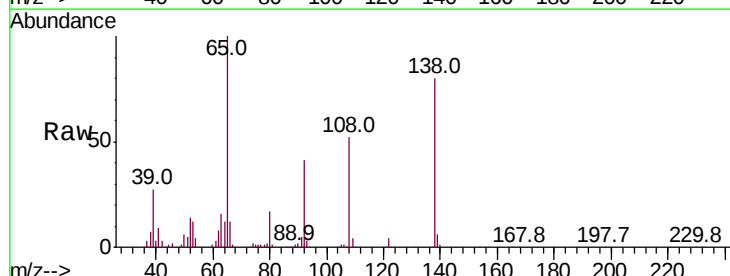
Instrument :
 BNA_F
 ClientSampleId :
 PB128485BS

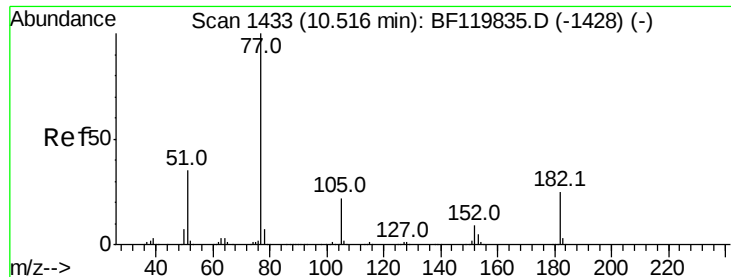
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.7	40.1
141	56.4	47.3	70.9



#62
 4-Nitroaniline
 Concen: 44.757 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.0	31.5	71.5
108	65.8	45.8	85.8





#63

Azobenzene

Concen: 44.171 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.00 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Instrument :

BNA_F

ClientSampleId :

PB128485BS

Tot Ion: 77 Resp: 859644

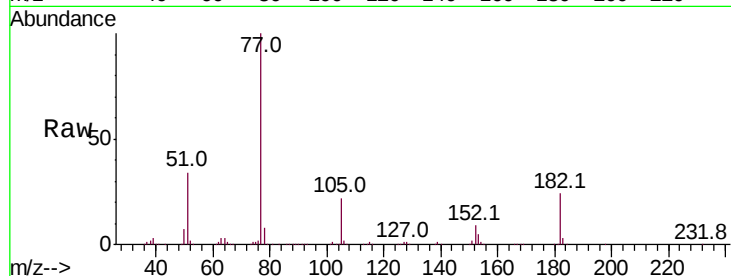
Ion Ratio Lower Upper

77 100

182 24.4 4.4 44.4

105 21.5 2.6 42.6

51 34.0 15.1 55.1

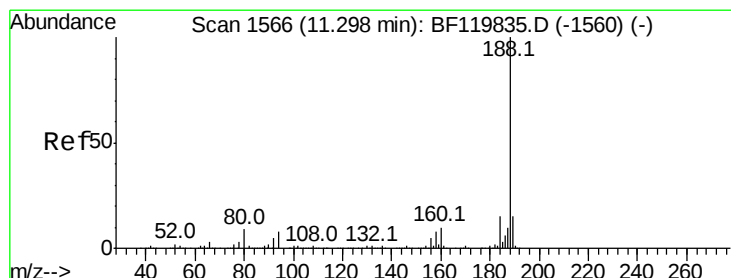
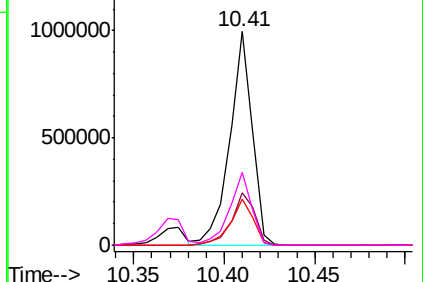
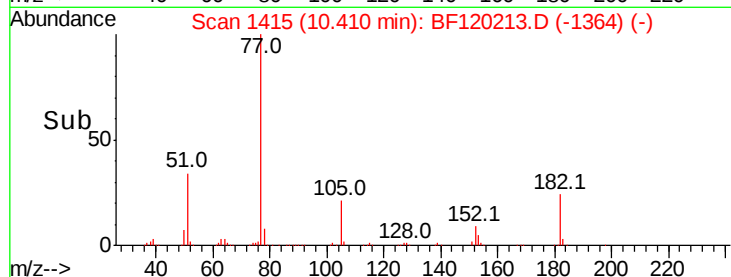


Abundance Ion 77.00 (76.70 to 77.70): BF1

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# 1548

Delta R.T. -0.00 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

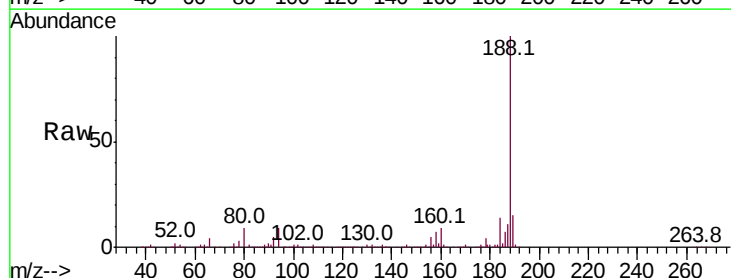
Tgt Ion: 188 Resp: 530850

Ion Ratio Lower Upper

188 100

94 8.7 7.5 11.3

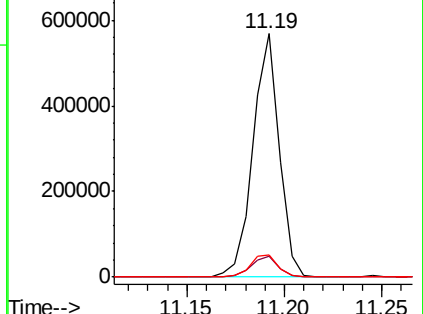
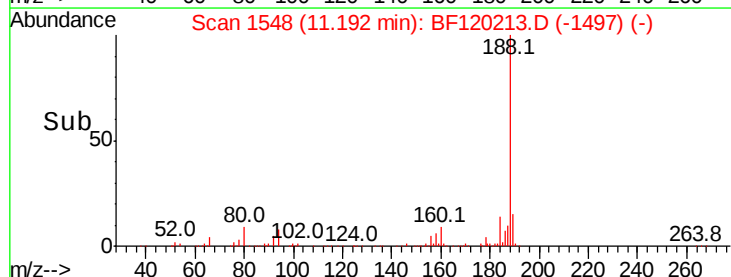
80 9.1 9.0 13.4

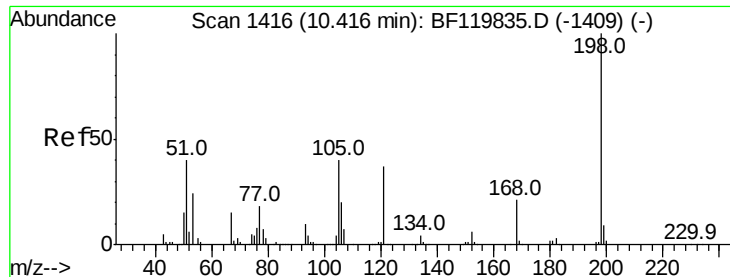


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

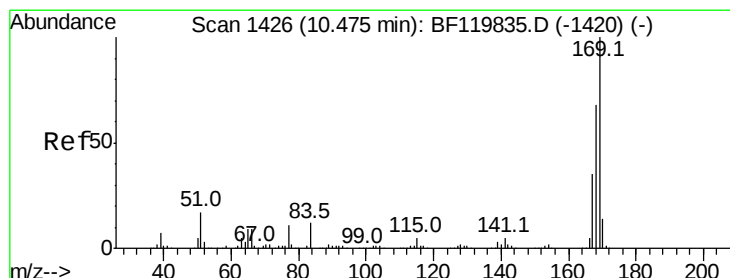
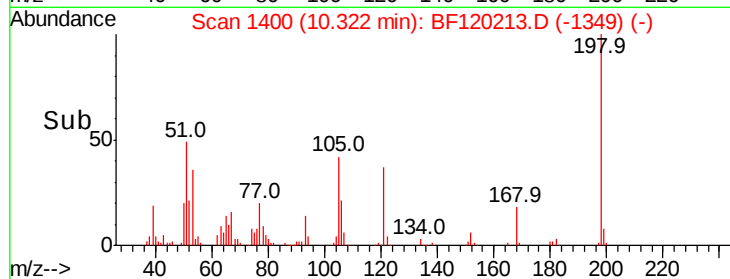
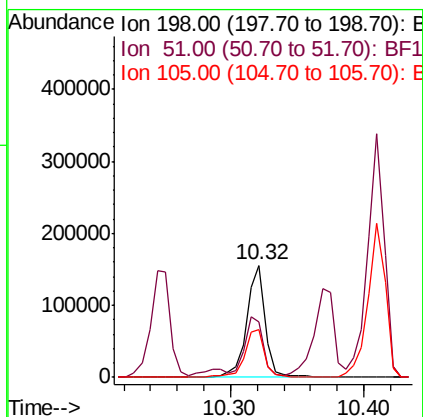
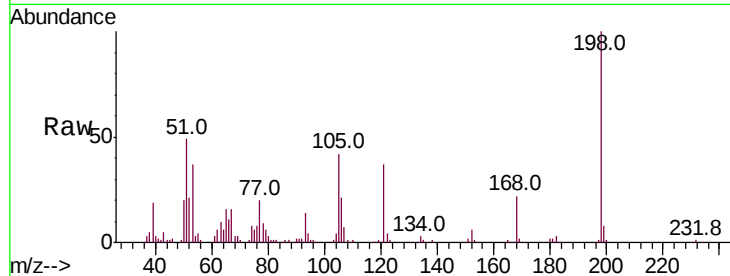




#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.522 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.00 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

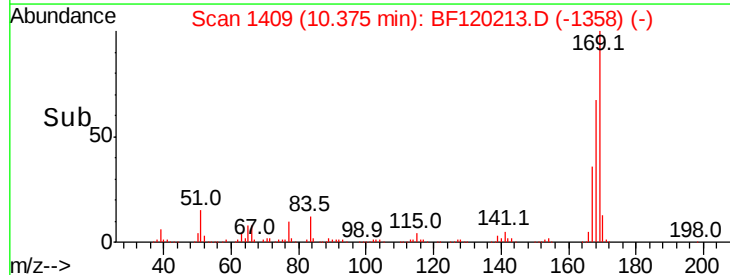
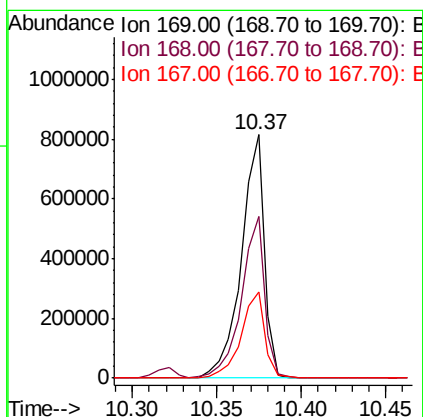
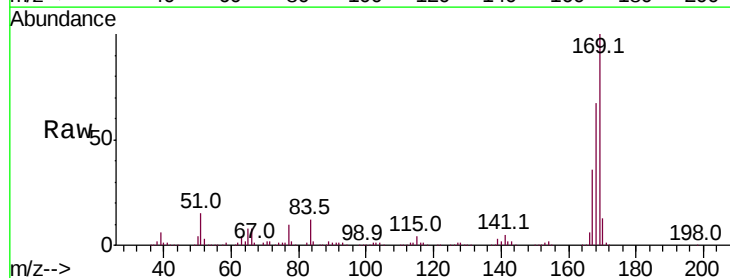
Instrument :
 BNA_F
 ClientSampleId :
 PB128485BS

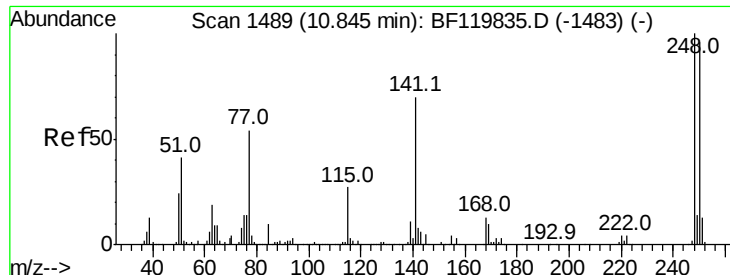
Tot Ion:198 Resp: 148712
 Ion Ratio Lower Upper
 198 100
 51 48.9 29.0 69.0
 105 42.0 22.2 62.2



#66
 n-Nitrosodiphenylamine
 Concen: 44.034 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.00 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

Tgt Ion:169 Resp: 777403
 Ion Ratio Lower Upper
 169 100
 168 66.5 53.2 79.8
 167 35.6 29.1 43.7

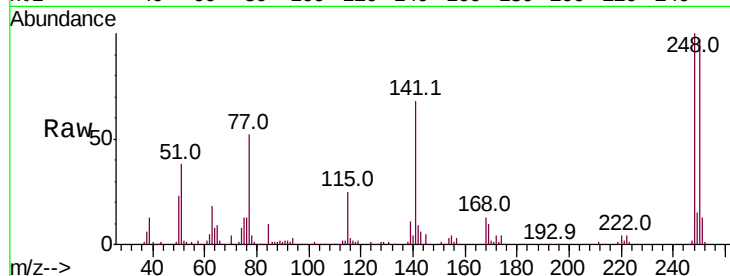




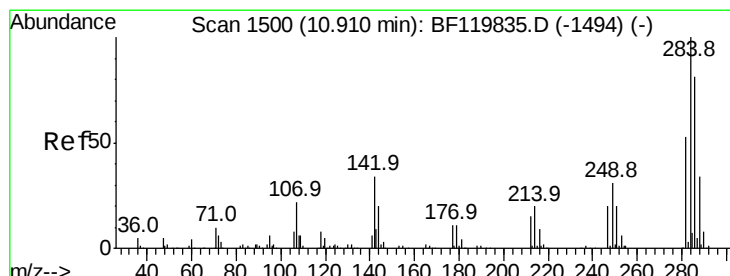
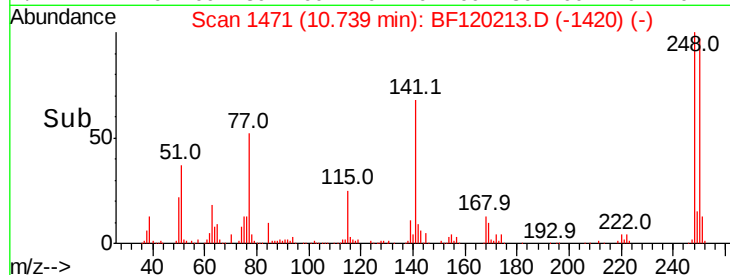
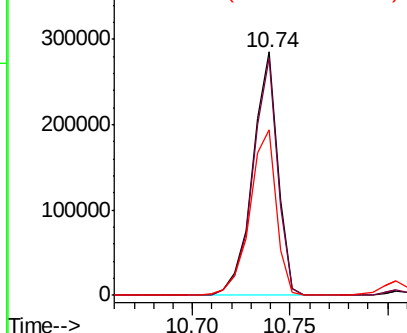
#67
 4-Bromophenyl-phenylether
 Concen: 38.620 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.00 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB128485BS

Tot Ion:248 Resp: 254954
 Ion Ratio Lower Upper
 248 100
 250 97.4 77.3 115.9
 141 68.1 58.6 87.8

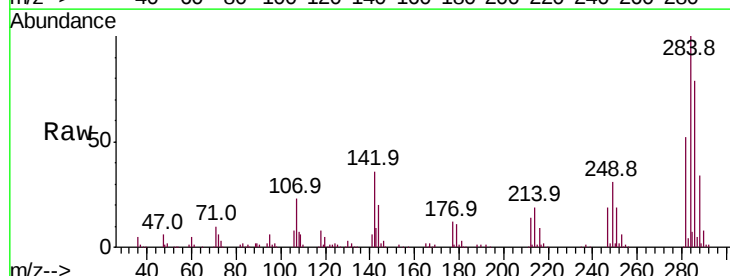


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

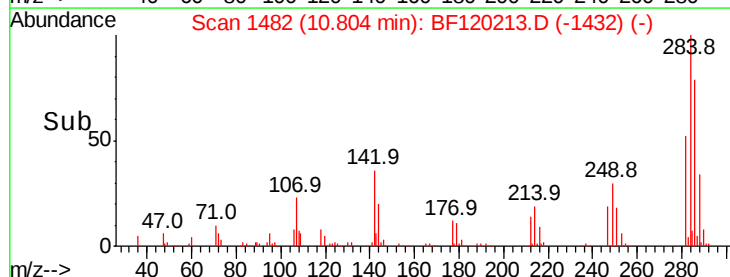
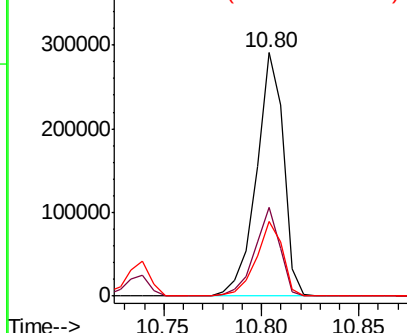


#68
 Hexachlorobenzene
 Concen: 41.473 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

Tgt Ion:284 Resp: 277747
 Ion Ratio Lower Upper
 284 100
 142 36.2 29.2 43.8
 249 30.8 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

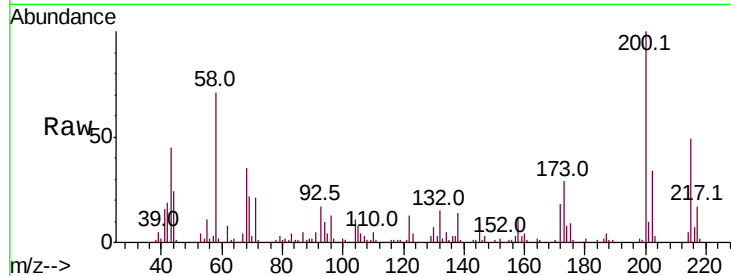




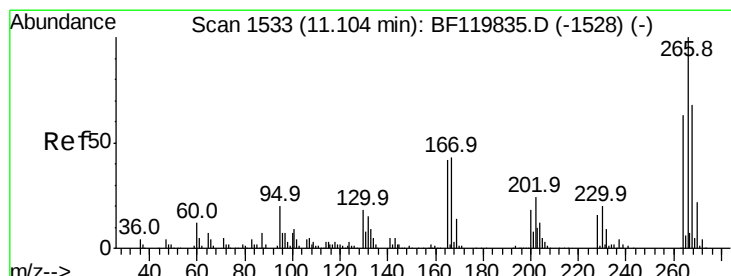
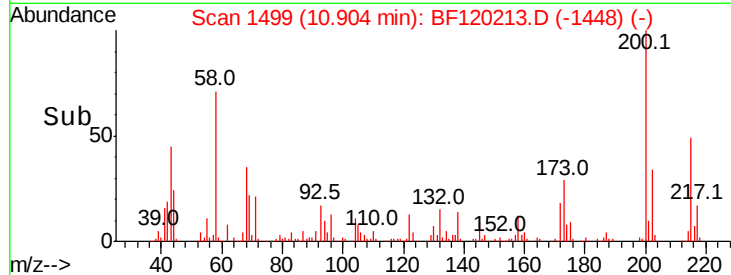
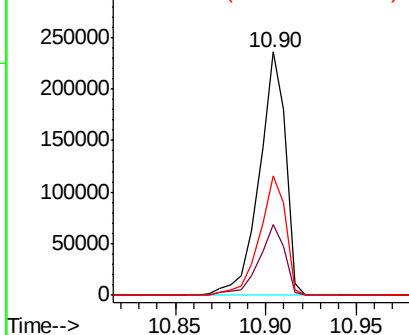
#69
 Atrazine
 Concen: 48.124 ng
 RT: 10.90 min Scan# 1499
 Delta R.T. -0.00 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB128485BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.8	9.3	49.3
215	48.8	29.5	69.5

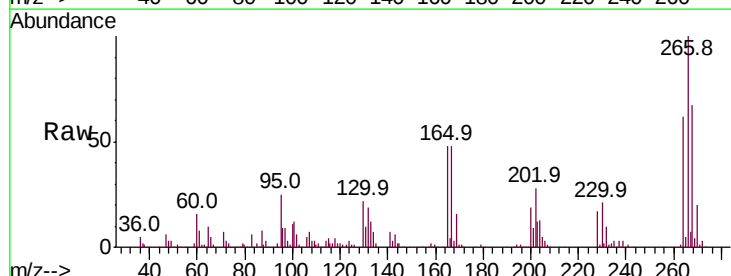


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

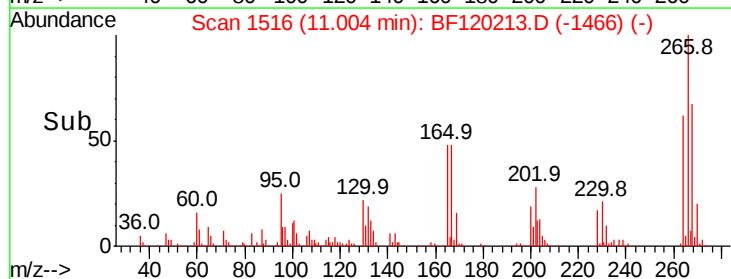
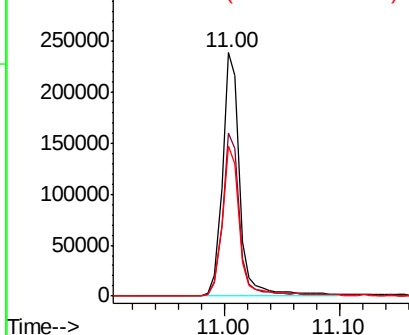


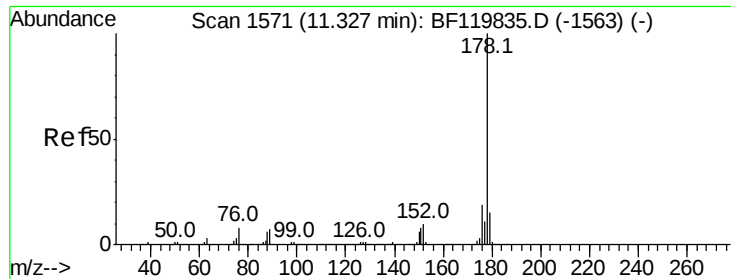
#70
 Pentachlorophenol
 Concen: 64.691 ng
 RT: 11.00 min Scan# 1516
 Delta R.T. -0.01 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.0	53.3	79.9
264	61.7	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

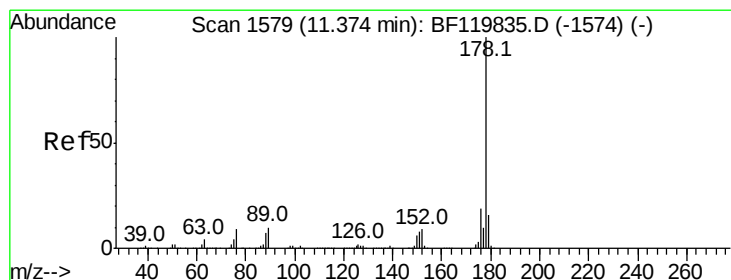
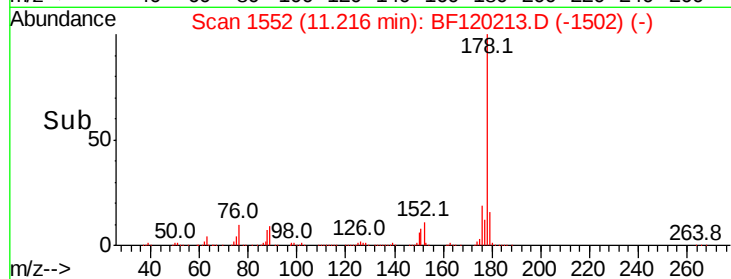
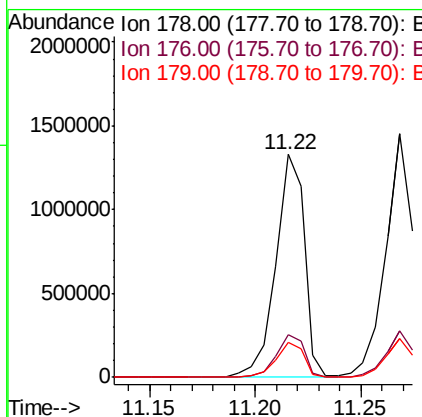
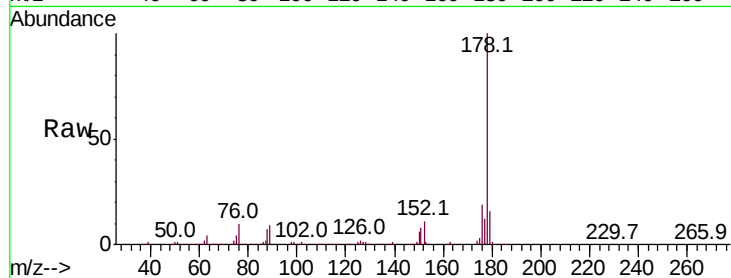




#71
Phenanthrene
Concen: 44.394 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

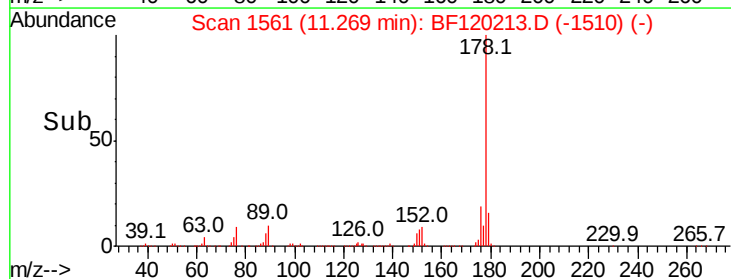
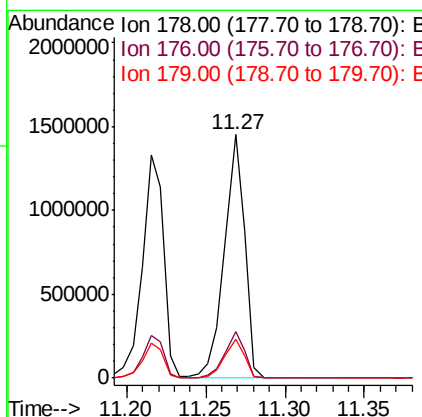
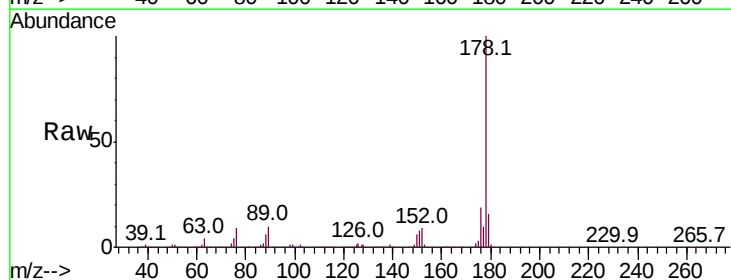
Instrument :
BNA_F
ClientSampleId :
PB128485BS

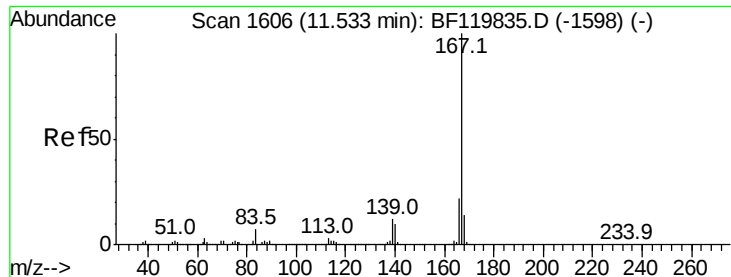
Tot Ion:178 Resp: 1254233
Ion Ratio Lower Upper
178 100
176 19.1 16.2 24.4
179 15.6 13.2 19.8



#72
Anthracene
Concen: 44.739 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Tgt Ion:178 Resp: 1291223
Ion Ratio Lower Upper
178 100
176 18.9 16.1 24.1
179 15.9 13.0 19.4





#73

Carbazole

Concen: 44.015 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Instrument :

BNA_F

ClientSampleId :

PB128485BS

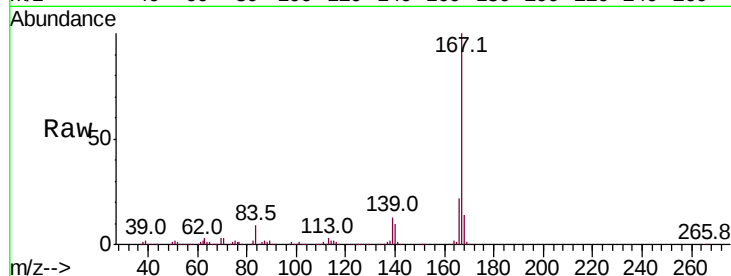
Tot Ion:167 Resp: 1201321

Ion Ratio Lower Upper

167 100

166 21.9 18.2 27.4

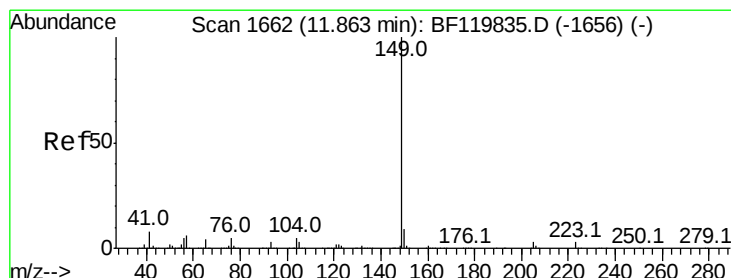
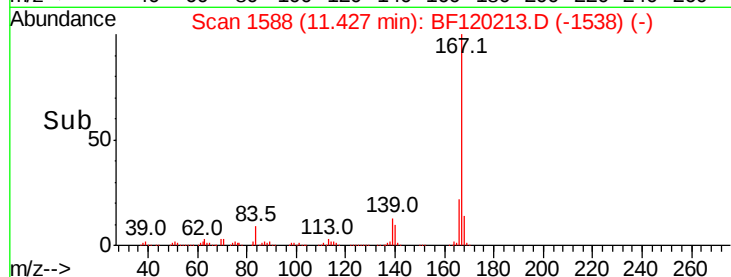
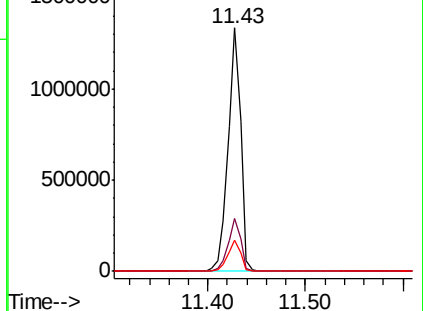
139 12.8 10.7 16.1



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: 41.515 ng

RT: 11.76 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

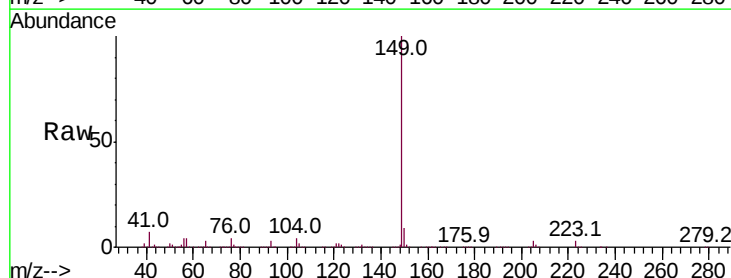
Tgt Ion:149 Resp: 1489546

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.8

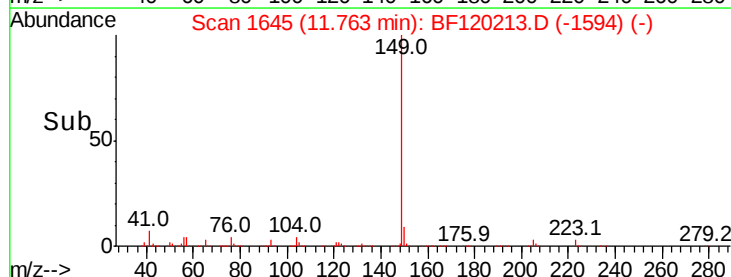
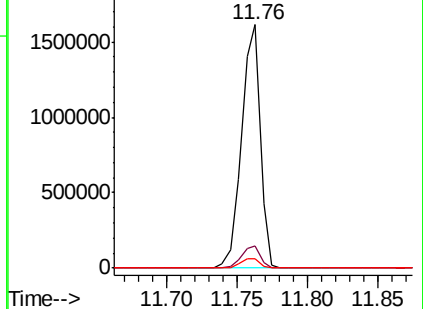
104 4.0 3.6 5.4

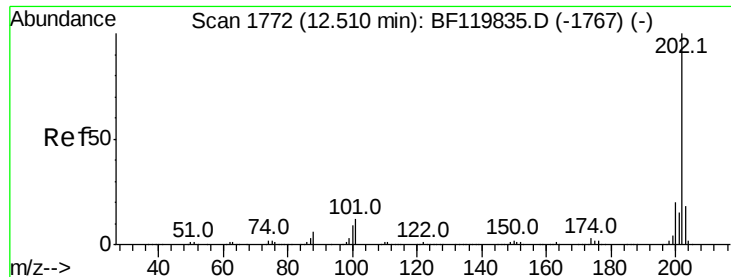


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

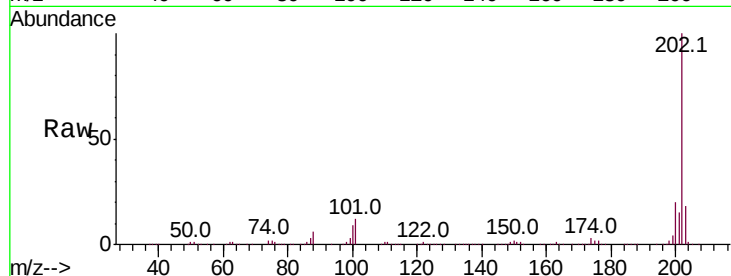




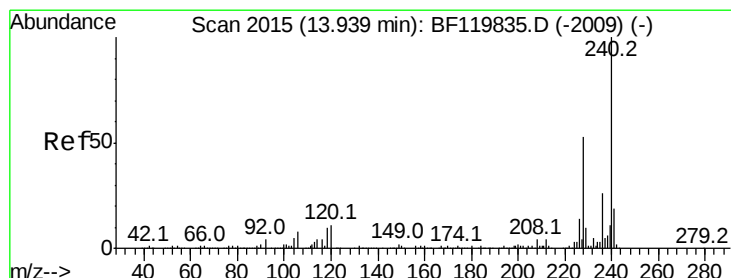
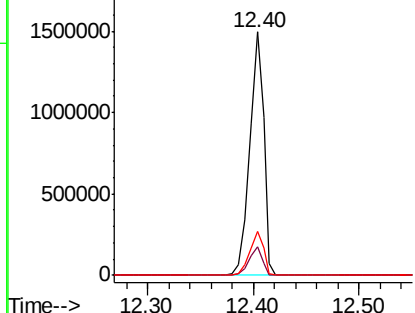
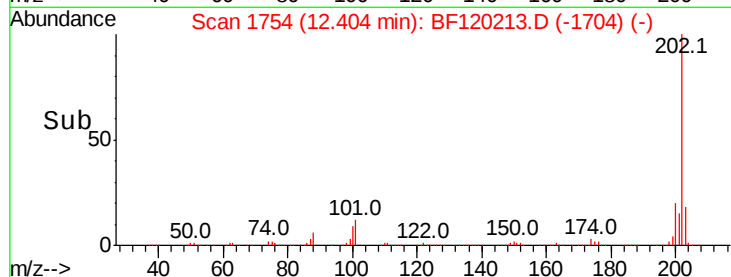
#75
 Fluoranthene
 Concen: 45.355 ng
 RT: 12.40 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB128485BS

Tot Ion:202 Resp: 1382614
 Ion Ratio Lower Upper
 202 100
 101 11.8 0.0 32.2
 203 18.0 0.0 38.8

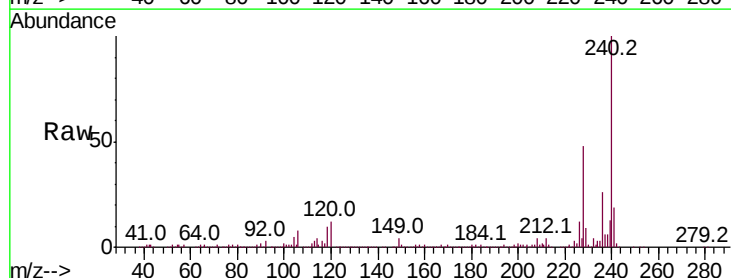


Abundance Ion 202.00 (201.70 to 202.70): E
 2000000 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

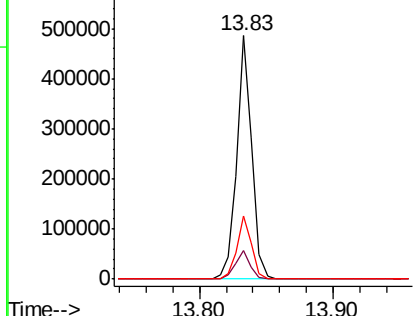
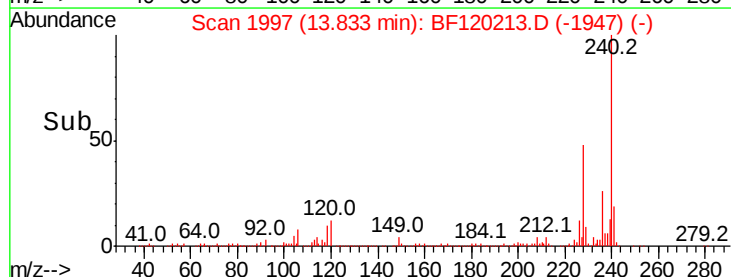


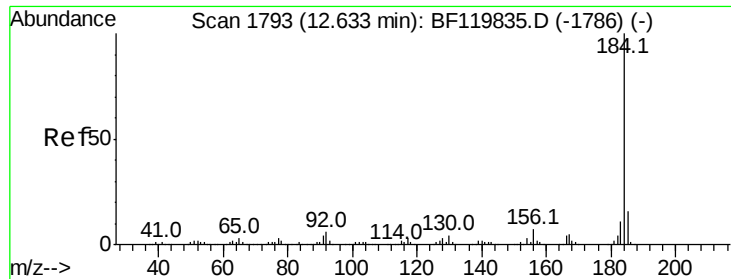
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

Tgt Ion:240 Resp: 382569
 Ion Ratio Lower Upper
 240 100
 120 11.6 10.6 15.8
 236 25.7 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: 58.516 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Instrument :

BNA_F

ClientSampleId :

PB128485BS

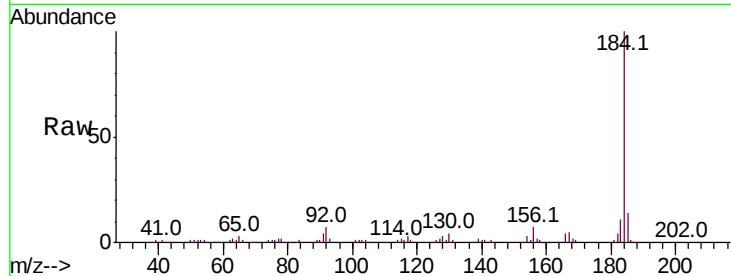
Tot Ion:184 Resp: 756721

Ion	Ratio	Lower	Upper
184	100		
185	13.8	12.3	18.5
183	10.7	9.0	13.6

184 100

185 13.8 12.3 18.5

183 10.7 9.0 13.6

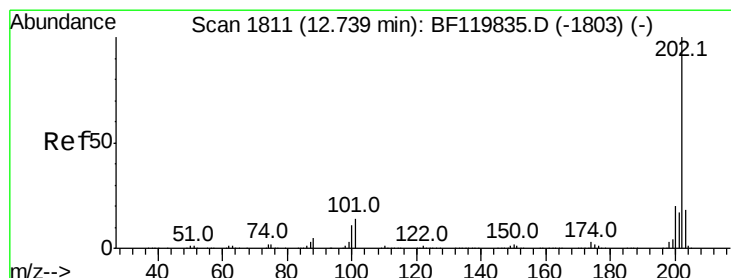
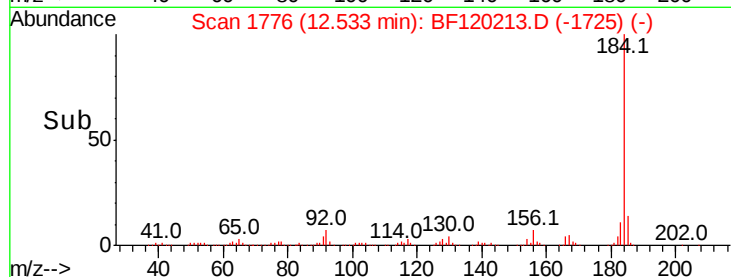
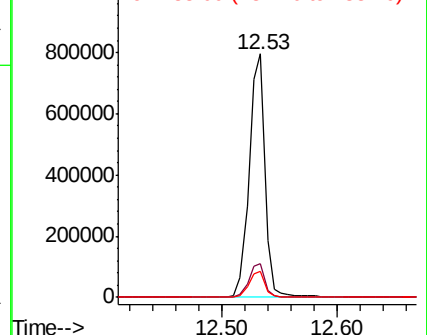


Abundance

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: 42.646 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

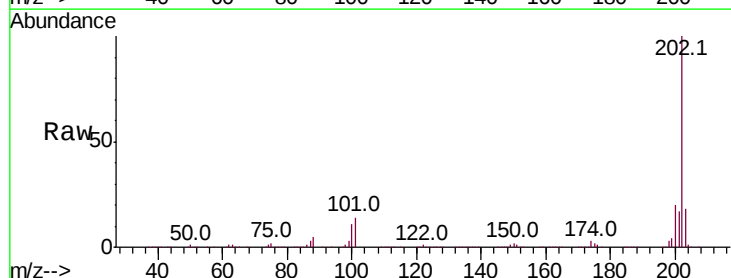
Tgt Ion:202 Resp: 1375401

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.8	25.2
203	18.2	15.1	22.7

202 100

200 20.3 16.8 25.2

203 18.2 15.1 22.7

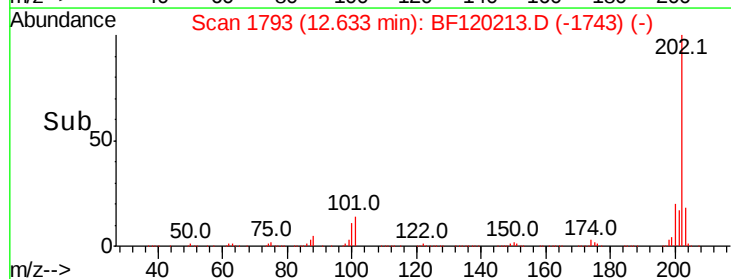
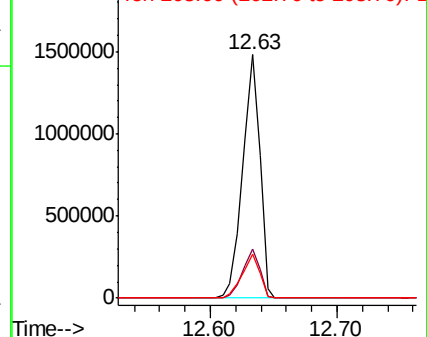


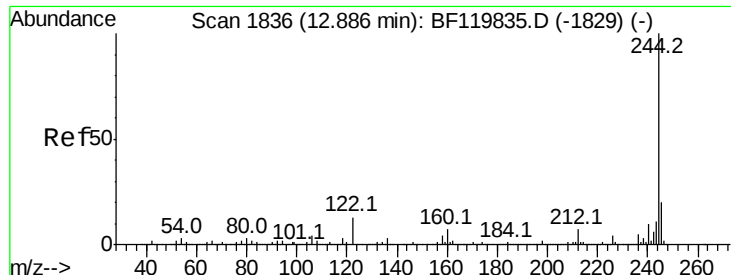
Abundance

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: 79.701 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Instrument :

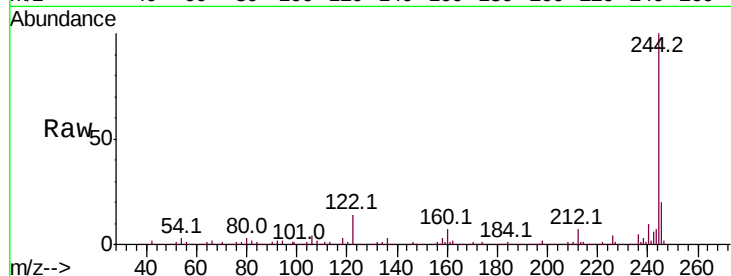
BNA_F

ClientSampleId :

PB128485BS

Tot Ion:244 Resp: 1812087

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	13.5	10.3	15.5

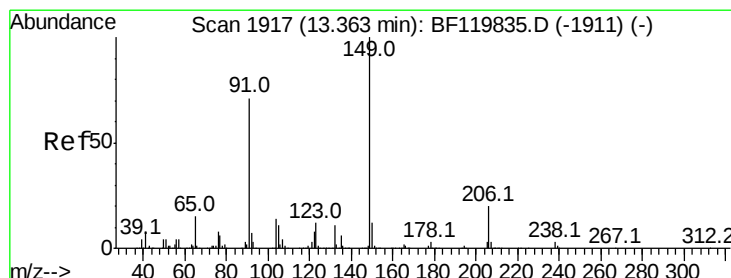
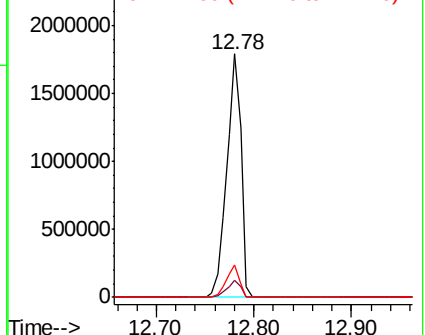
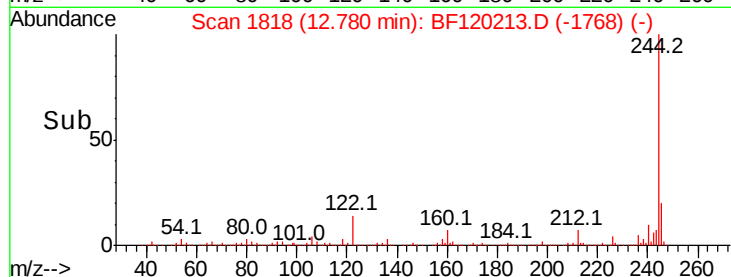


Abundance

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: 39.967 ng

RT: 13.26 min Scan# 1899

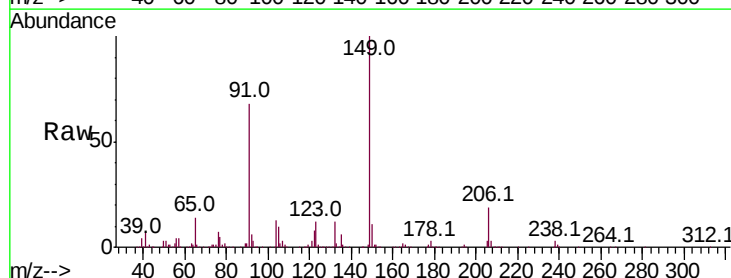
Delta R.T. -0.01 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Tgt Ion:149 Resp: 625466

Ion	Ratio	Lower	Upper
149	100		
91	68.2	54.7	82.1
206	18.8	16.2	24.2

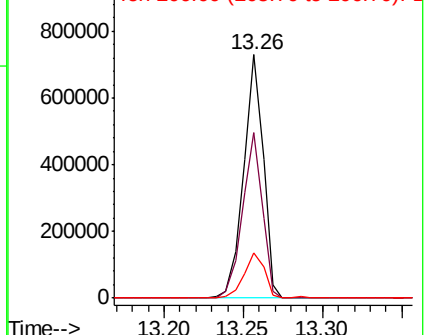
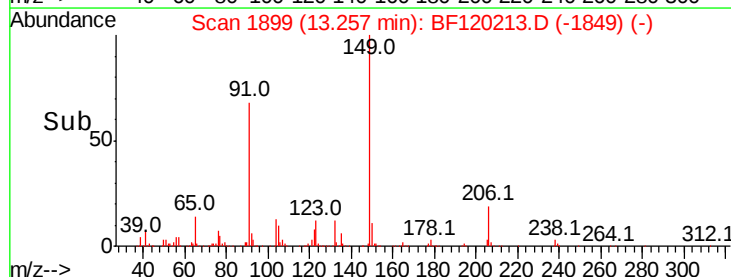


Abundance

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: 43.503 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Instrument :

BNA_F

ClientSampleId :

PB128485BS

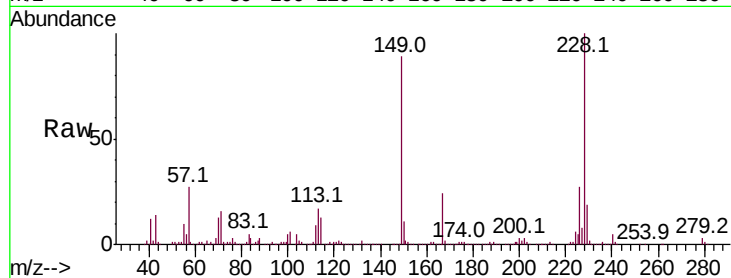
Tot Ion:228 Resp: 1094873

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

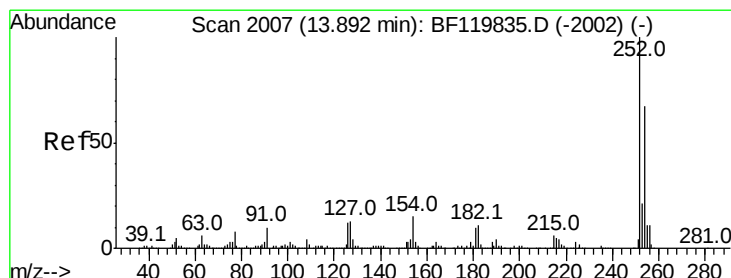
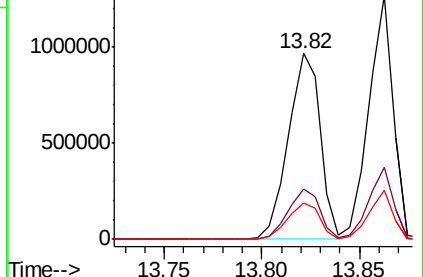
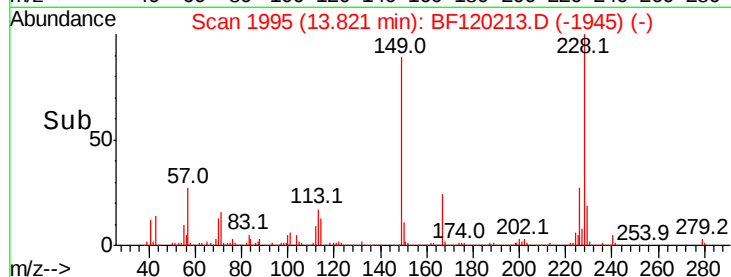
229 19.3 16.2 24.4



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: 27.335 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

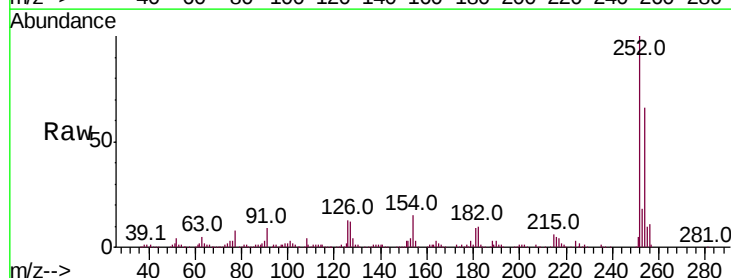
Tgt Ion:252 Resp: 256699

Ion Ratio Lower Upper

252 100

254 65.8 51.2 76.8

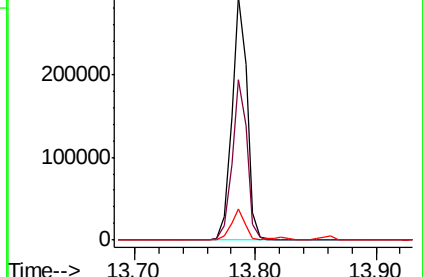
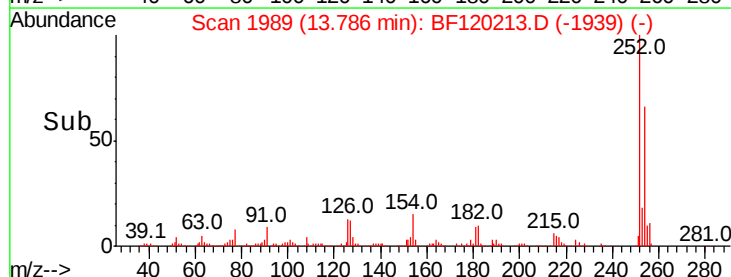
126 12.6 9.6 14.4

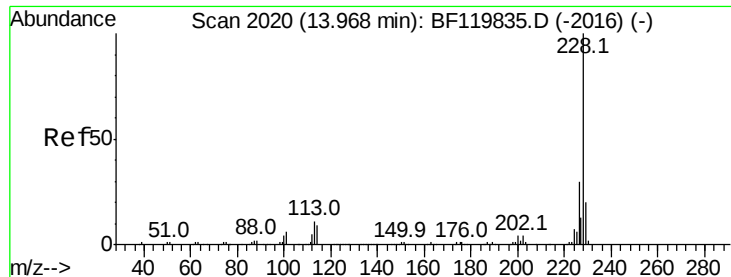


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



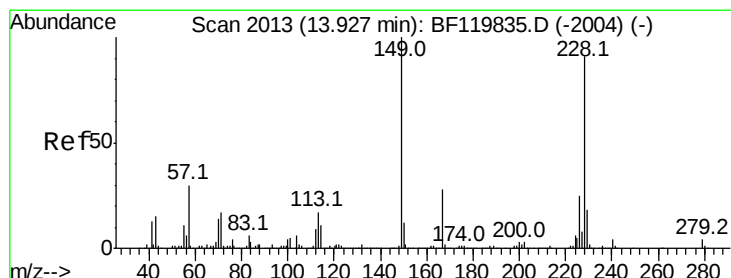
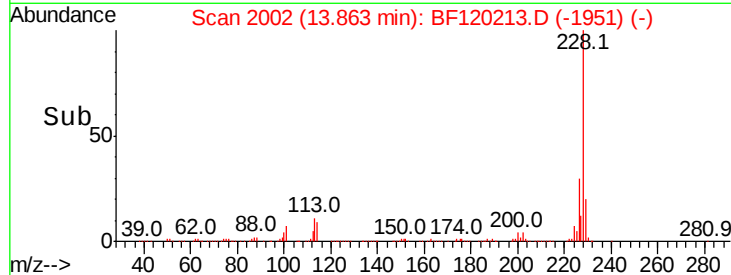
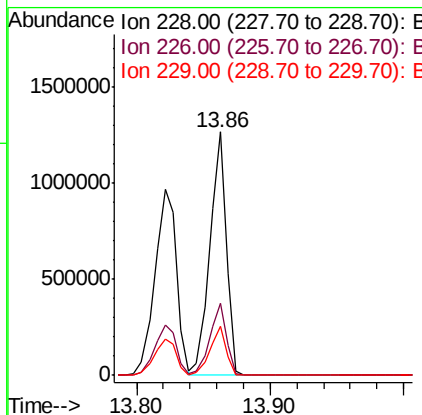
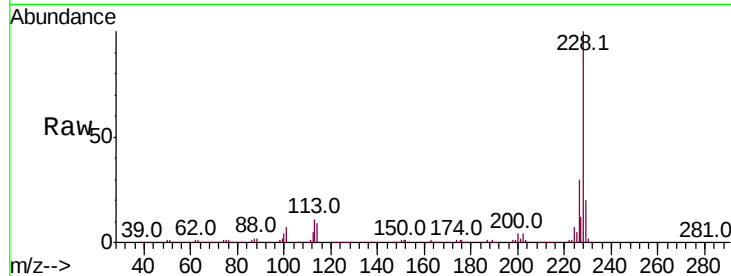


#83
 Chrvsene
 Concen: 42.998 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB128485BS

Tot Ion:228 Resp: 1099578

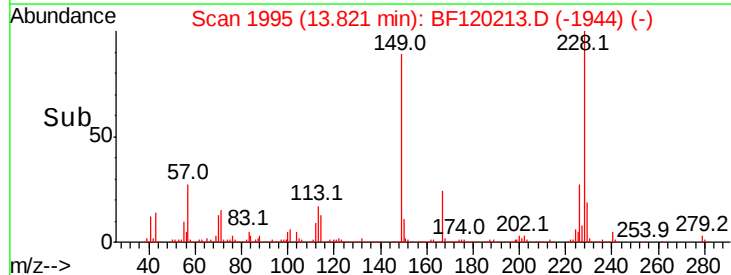
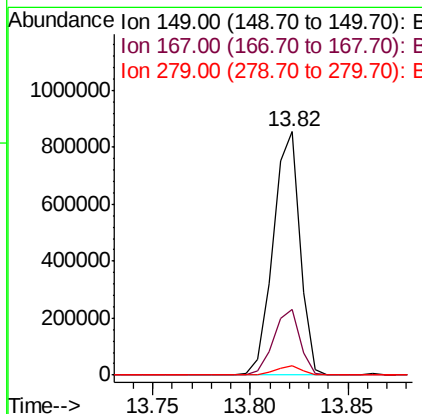
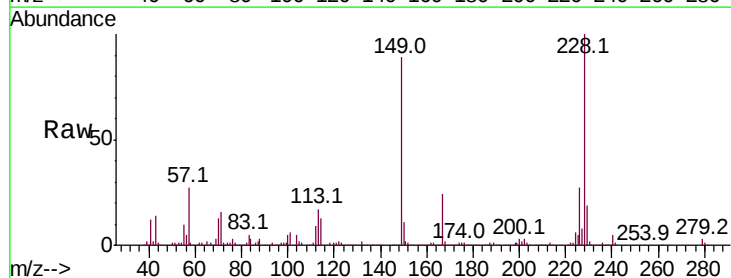
Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.4	38.0
229	19.9	16.6	24.8

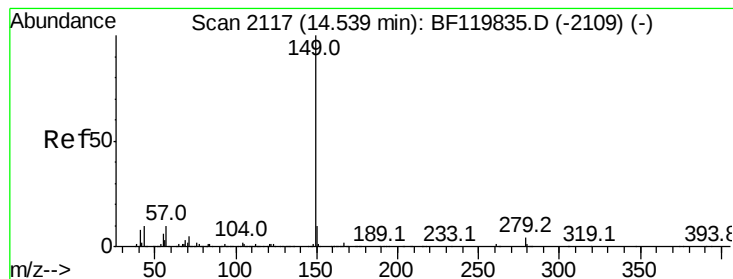


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.351 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.00 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

Tgt Ion:149 Resp: 812761

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.3	31.9
279	3.9	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 36.471 ng

RT: 14.43 min Scan# 2099

Delta R.T. -0.00 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Instrument :

BNA_F

ClientSampleId :

PB128485BS

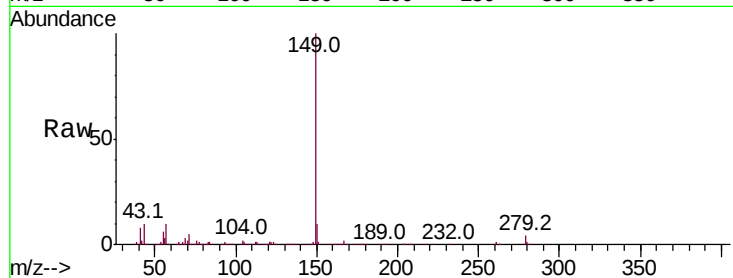
Tot Ion:149 Resp: 1316020

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

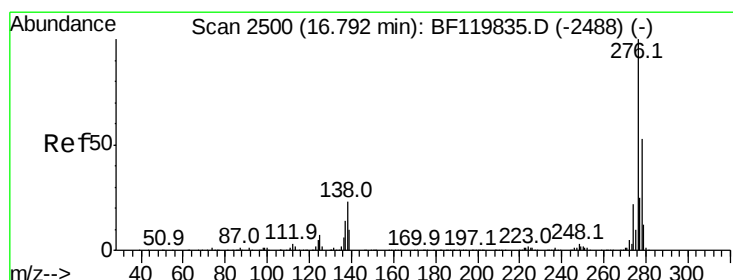
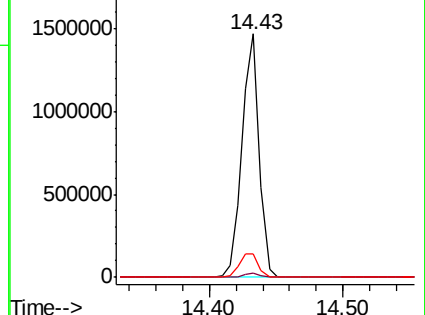
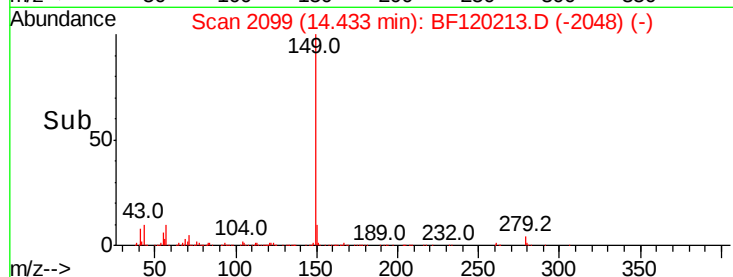
43 11.0 9.3 13.9



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: 41.270 ng

RT: 16.61 min Scan# 2469

Delta R.T. -0.00 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

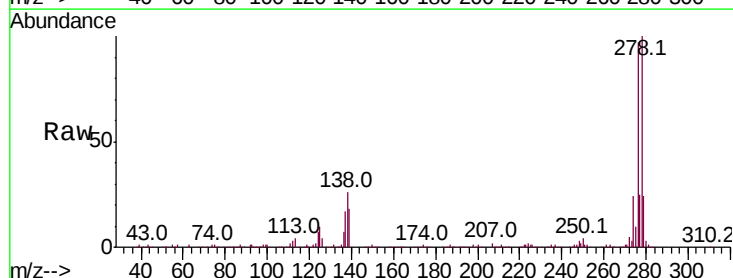
Tgt Ion:276 Resp: 930319

Ion Ratio Lower Upper

276 100

138 24.9 19.6 29.4

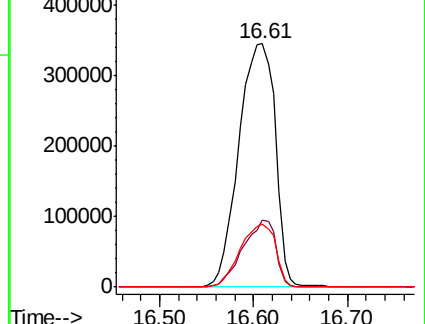
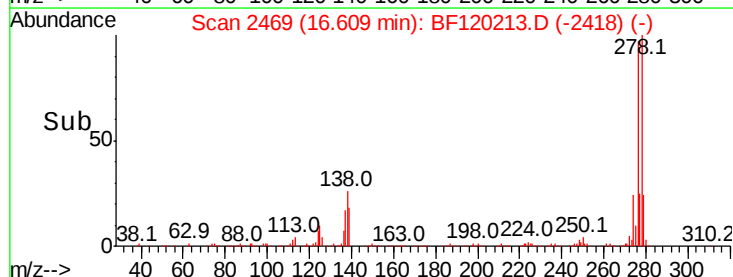
277 25.3 20.0 30.0

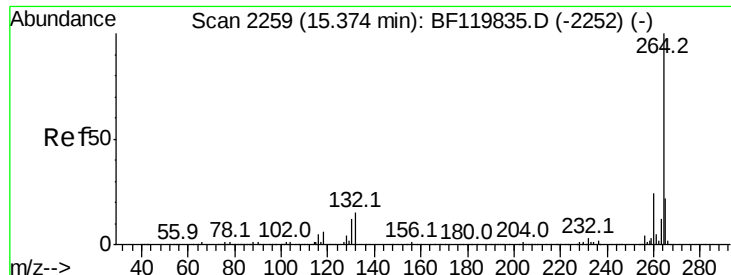


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



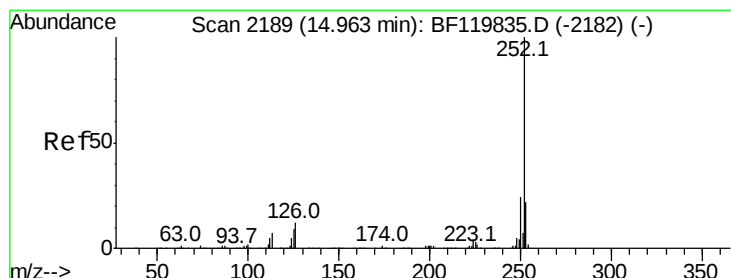
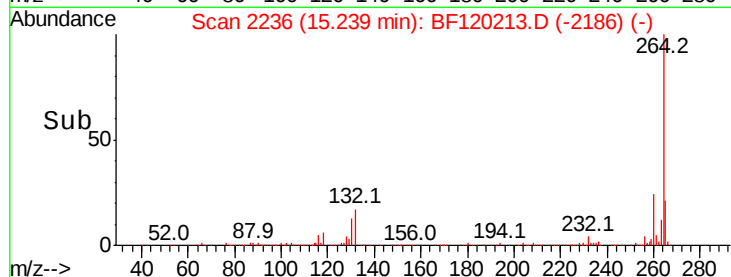
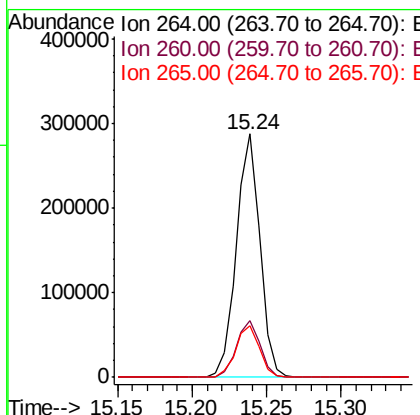
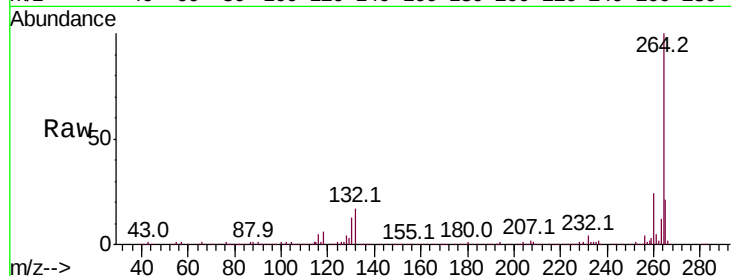


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Instrument :
BNA_F
ClientSampleId :
PB128485BS

Tot Ion:264 Resp: 318860

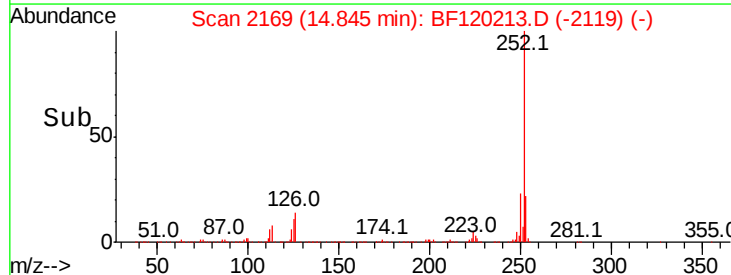
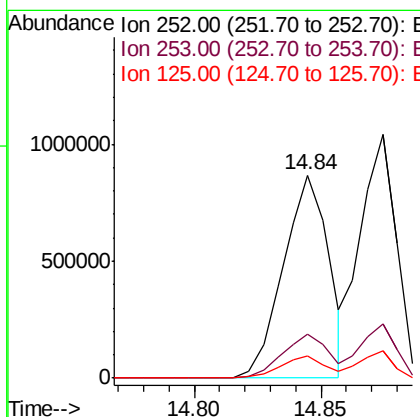
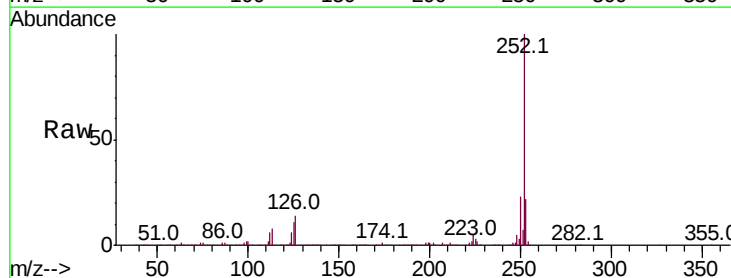
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.4	17.7	26.5



#88
Benzo(b)fluoranthene
Concen: 47.316 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Tgt Ion:252 Resp: 1085338

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	10.8	7.9	11.9

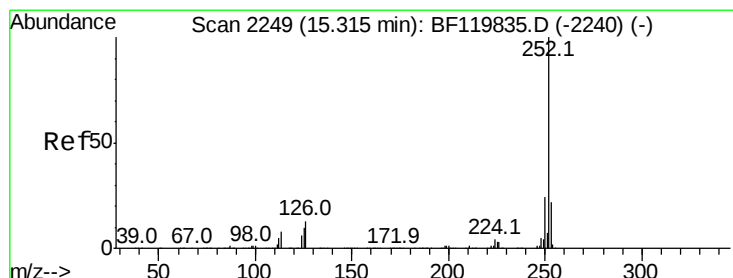
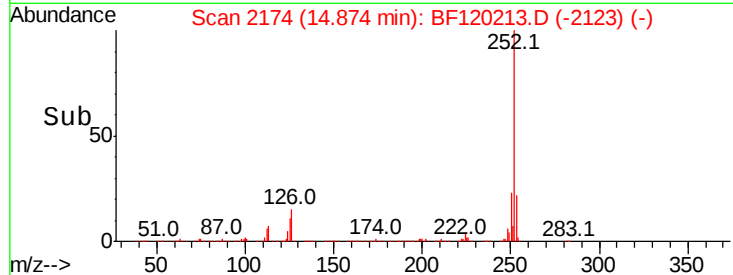
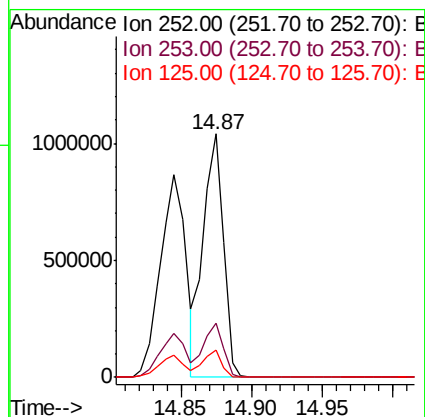
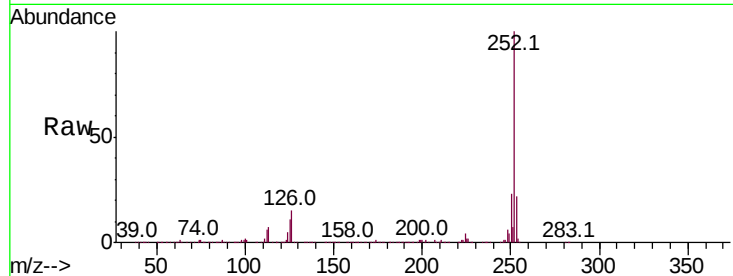




#89
Benzo(k)fluoranthene
Concen: 52.139 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

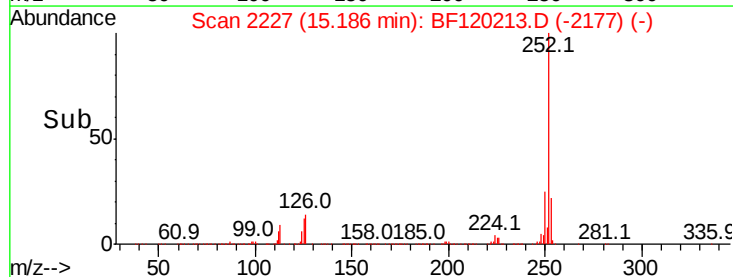
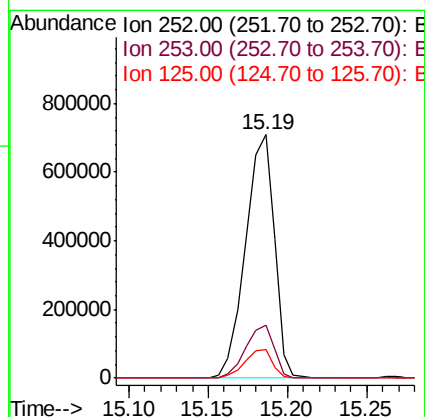
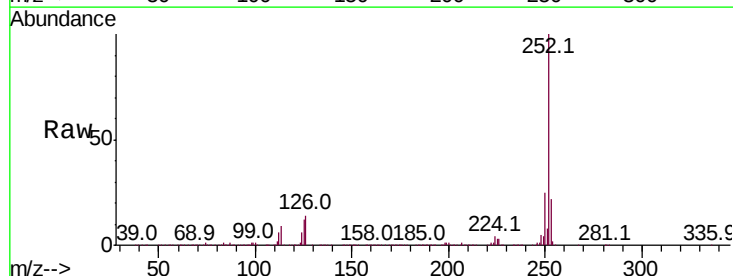
Instrument :
BNA_F
ClientSampleId :
PB128485BS

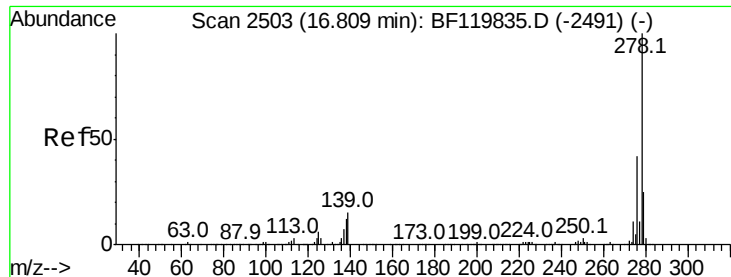
Tot Ion:252 Resp: 1031904
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 11.0 8.4 12.6



#90
Benzo(a)pyrene
Concen: 46.525 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Tgt Ion:252 Resp: 897287
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.2
125 11.6 9.4 14.2

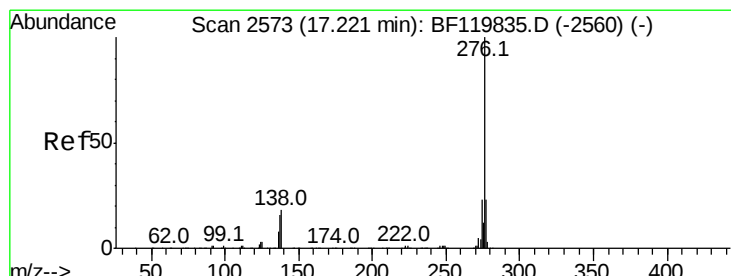
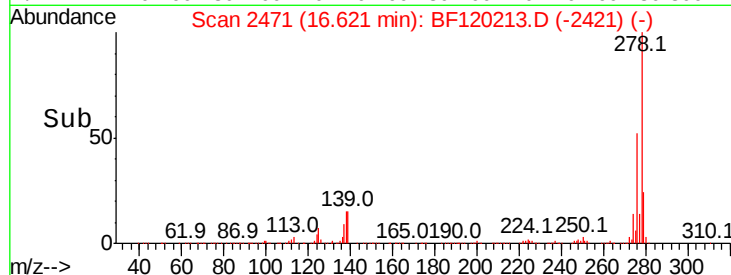
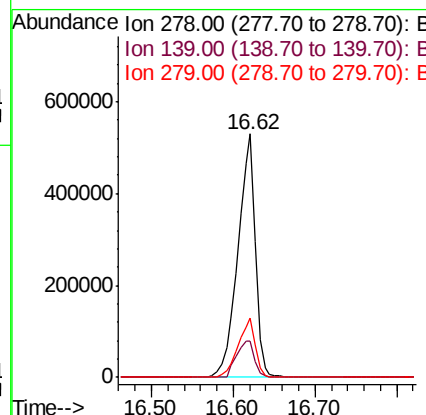
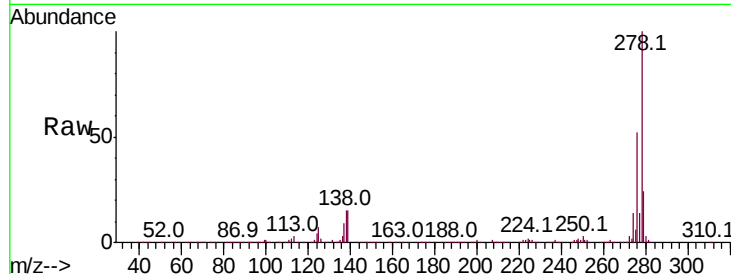




#91
Dibenzo(a,h)anthracene
Concen: 46.514 ng
RT: 16.62 min Scan# 2471
Delta R.T. -0.01 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Instrument :
BNA_F
ClientSampleId :
PB128485BS

Tot Ion:278 Resp: 794628
Ion Ratio Lower Upper
278 100
139 14.6 12.6 19.0
279 24.2 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 43.663 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Tgt Ion:276 Resp: 736301
Ion Ratio Lower Upper
276 100
277 24.3 18.4 27.6
138 20.0 15.4 23.0

