

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
 Data File : BF120164.D
 Acq On : 23 Apr 2020 15:37
 Operator : MA/SJ
 Sample : PB128352BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128352BS

Quant Time: Apr 23 16:07:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 13:31:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	138340	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	546212	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	287057	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	557451	20.00	ng	0.00
76) Chrysene-d12	13.83	240	404734	20.00	ng	0.00
87) Perylene-d12	15.23	264	365271	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.27	112	920557	115.00	ng	0.01
7) Phenol-d6	6.31	99	1174567	113.87	ng	0.00
23) Nitrobenzene-d5	7.23	82	723191	68.50	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	328290	93.41	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1462917	72.36	ng	0.00
79) Terphenyl-d14	12.77	244	1668435	69.36	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.33	88	121404	34.051	ng	96
3) Pyridine	3.01	79	320211	32.734	ng	99
4) n-Nitrosodimethylamine	2.96	42	187963	37.607	ng	99
6) Aniline	6.33	93	514783	38.024	ng	# 78
8) 2-Chlorophenol	6.45	128	375112	41.939	ng	96
9) Benzaldehyde	6.21	77	144376	20.781	ng	99
10) Phenol	6.32	94	478012	40.849	ng	# 68
11) bis(2-Chloroethyl)ether	6.40	93	352890	39.057	ng	99
12) 1,3-Dichlorobenzene	6.60	146	376369	38.436	ng	98
13) 1,4-Dichlorobenzene	6.68	146	382386	38.336	ng	99
14) 1,2-Dichlorobenzene	6.83	146	357638	38.905	ng	99
15) Benzyl Alcohol	6.82	79	307983	38.443	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.95	45	620482	35.290	ng	98
17) 2-Methylphenol	6.93	107	306314	38.376	ng	97
18) Hexachloroethane	7.17	117	143795	38.574	ng	99
19) n-Nitroso-di-n-propylamine	7.09	70	261892	39.484	ng	99
20) 3+4-Methylphenols	7.09	107	386880	39.631	ng	96
22) Acetophenone	7.08	105	507368	39.667	ng	# 91
24) Nitrobenzene	7.25	77	391285	36.840	ng	100
25) Isophorone	7.49	82	735020	36.114	ng	98
26) 2-Nitrophenol	7.57	139	204724	38.581	ng	91
27) 2,4-Dimethylphenol	7.61	122	320394	40.035	ng	97
28) bis(2-Chloroethoxy)methane	7.70	93	458740	38.303	ng	99
29) 2,4-Dichlorophenol	7.81	162	314522	38.341	ng	98
30) 1,2,4-Trichlorobenzene	7.89	180	336041	36.153	ng	99
31) Naphthalene	7.97	128	1066028	37.095	ng	98
32) Benzoic acid	7.75	122	225335	32.060	ng	94
33) 4-Chloroaniline	8.02	127	431294	34.474	ng	99
34) Hexachlorobutadiene	8.09	225	189550	34.067	ng	97
35) Caprolactam	8.40	113	44230	17.626	ng	89
36) 4-Chloro-3-methylphenol	8.52	107	348222	39.208	ng	97
37) 2-Methylnaphthalene	8.66	142	742231	38.096	ng	98
38) 1-Methylnaphthalene	8.76	142	695868	37.893	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	330160	36.415	ng	99

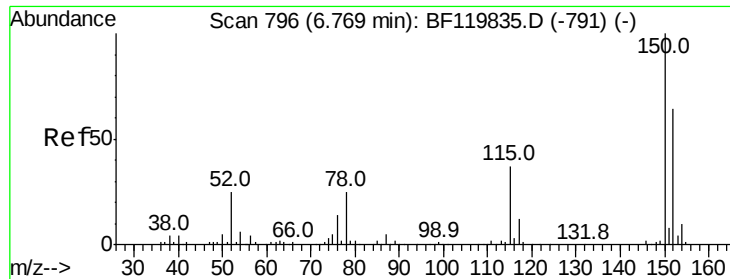
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	339781	65.906	ng	99
43) 2,4,6-Trichlorophenol	8.95	196	229887	36.718	ng	97
44) 2,4,5-Trichlorophenol	8.99	196	245408	34.802	ng	99
46) 1,1'-Biphenyl	9.13	154	897251	37.032	ng	99
47) 2-Chloronaphthalene	9.15	162	688360	36.880	ng	99
48) 2-Nitroaniline	9.25	65	246764	36.482	ng	98
49) Acenaphthylene	9.57	152	1103906	38.889	ng	98
50) Dimethylphthalate	9.44	163	830072	37.385	ng	99
51) 2,6-Dinitrotoluene	9.50	165	182831	37.603	ng	97
52) Acenaphthene	9.74	154	658797	34.792	ng	99
53) 3-Nitroaniline	9.66	138	182293	32.827	ng	100
54) 2,4-Dinitrophenol	9.77	184	196689	67.568	ng	# 86
55) Dibenzofuran	9.91	168	985575	37.930	ng	100
56) 4-Nitrophenol	9.84	139	282542	68.383	ng	98
57) 2,4-Dinitrotoluene	9.90	165	238234	37.189	ng	96
58) Fluorene	10.25	166	782659	37.663	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.03	232	204683	37.953	ng	99
60) Diethylphthalate	10.14	149	851389	36.997	ng	99
61) 4-Chlorophenyl-phenylether	10.25	204	382526	35.915	ng	99
62) 4-Nitroaniline	10.28	138	204597	38.661	ng	97
63) Azobenzene	10.41	77	803996	38.985	ng	96
65) 4,6-Dinitro-2-methylphenol	10.31	198	137313	37.389	ng	82
66) n-Nitrosodiphenylamine	10.37	169	708221	38.201	ng	99
67) 4-Bromophenyl-phenylether	10.73	248	233447	33.674	ng	98
68) Hexachlorobenzene	10.80	284	245385	34.892	ng	98
69) Atrazine	10.90	200	219034	42.463	ng	99
70) Pentachlorophenol	11.00	266	246126	60.730	ng	99
71) Phenanthrene	11.22	178	1118318	37.694	ng	97
72) Anthracene	11.26	178	1168709	38.561	ng	98
73) Carbazole	11.42	167	1072967	37.436	ng	98
74) Di-n-butylphthalate	11.76	149	1376102	36.523	ng	99
75) Fluoranthene	12.40	202	1246079	38.926	ng	99
77) Benzidine	12.53	184	1102868	80.612	ng	98
78) Pyrene	12.63	202	1242613	36.419	ng	98
80) Butylbenzylphthalate	13.25	149	575782	34.778	ng	98
81) Benzo(a)anthracene	13.82	228	1011466	37.988	ng	100
82) 3,3'-Dichlorobenzidine	13.78	252	331802	33.398	ng	99
83) Chrysene	13.85	228	1023545	37.833	ng	97
84) Bis(2-ethylhexyl)phthalate	13.82	149	780387	34.807	ng	99
85) Di-n-octyl phthalate	14.43	149	1374637	36.009	ng	98
86) Indeno(1,2,3-cd)pyrene	16.58	276	861600	36.129	ng	100
88) Benzo(b)fluoranthene	14.83	252	929486	35.373	ng	98
89) Benzo(k)fluoranthene	14.86	252	915244	40.369	ng	99
90) Benzo(a)pyrene	15.17	252	818588	37.051	ng	99
91) Dibenzo(a,h)anthracene	16.59	278	727999	37.199	ng	99
92) Benzo(g,h,i)perylene	16.99	276	686630	35.544	ng	97

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

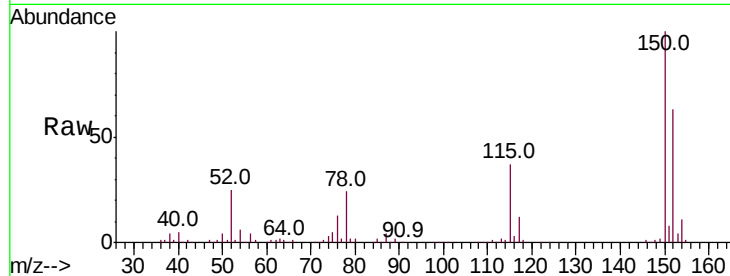


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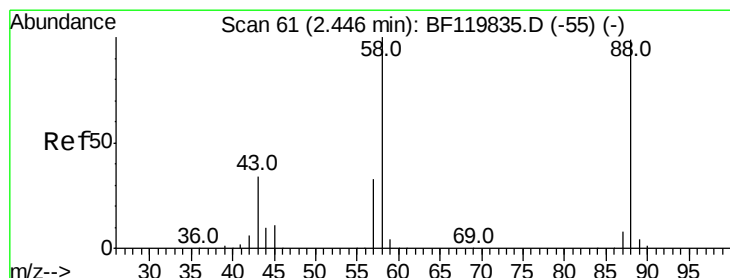
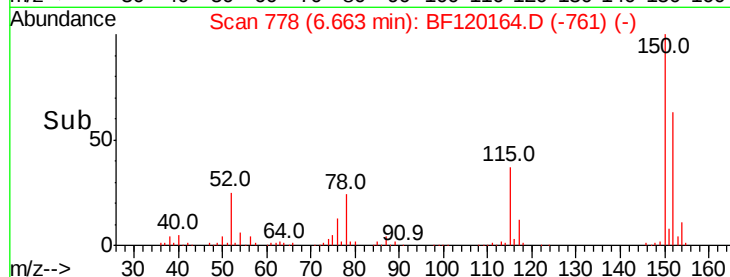
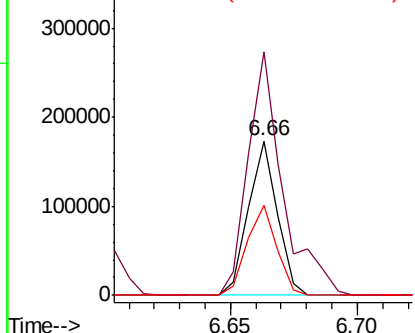
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Instrument :
BNA_F
ClientSampleId :
PB128352BS

Tot Ion:152 Resp: 138340
Ion Ratio Lower Upper
152 100
150 157.8 124.5 186.7
115 58.7 49.6 74.4



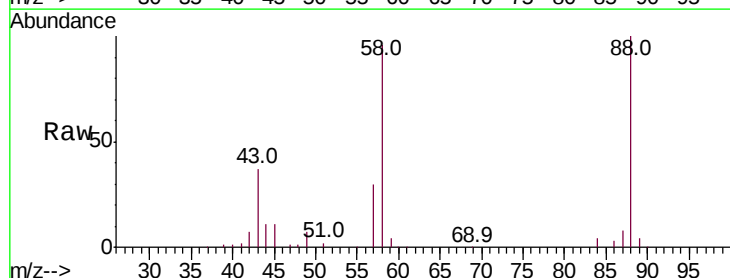
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



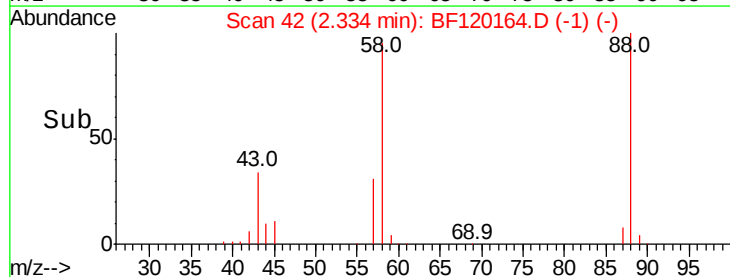
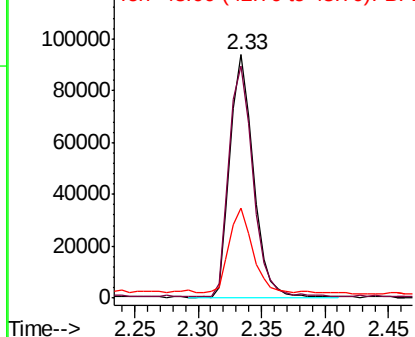
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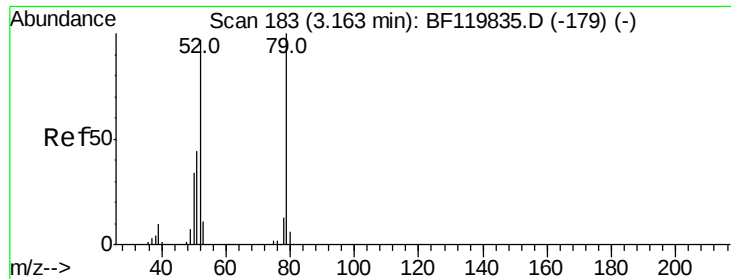
1,4-Dioxane
Concen: 34.051 ng
RT: 2.33 min Scan# 42
Delta R.T. 0.06 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Tgt Ion: 88 Resp: 121404
Ion Ratio Lower Upper
88 100
58 96.1 80.6 121.0
43 34.3 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

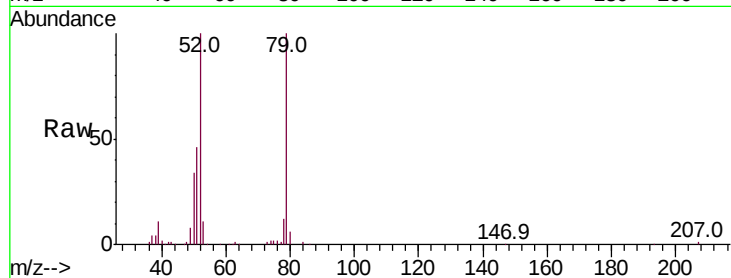




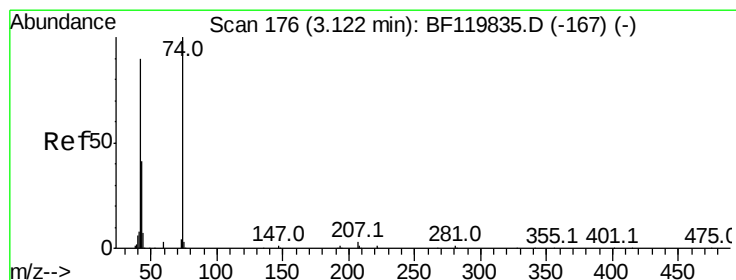
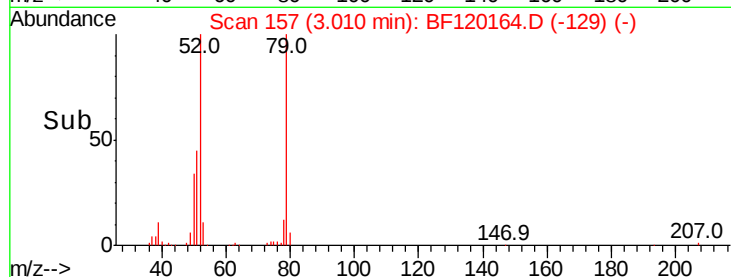
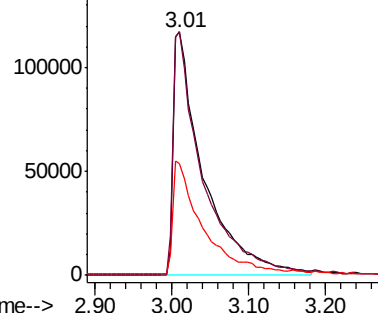
#3
 Pvridine
 Concen: 32.734 ng
 RT: 3.01 min Scan# 157
 Delta R.T. 0.06 min
 Lab File: BF120164.D
 Acq: 23 Apr 2020 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB128352BS

Tot Ion: 79 Resp: 320211
 Ion Ratio Lower Upper
 79 100
 52 100.2 80.2 120.2
 51 45.9 37.7 56.5

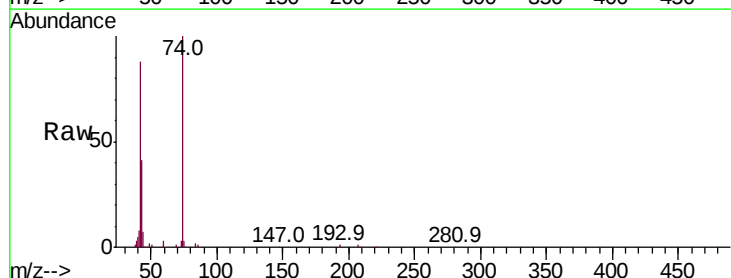


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

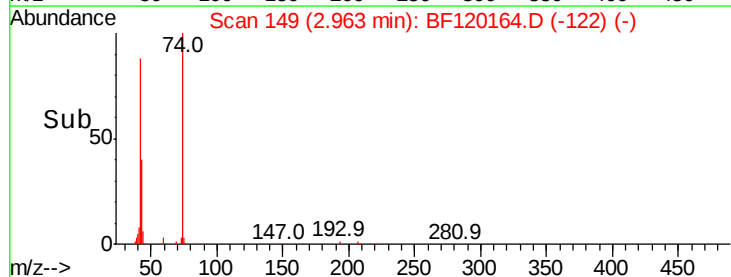
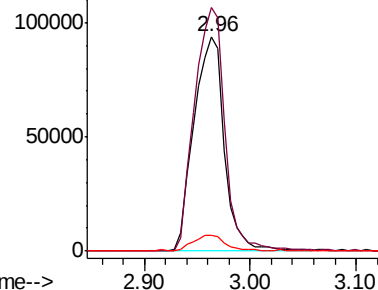


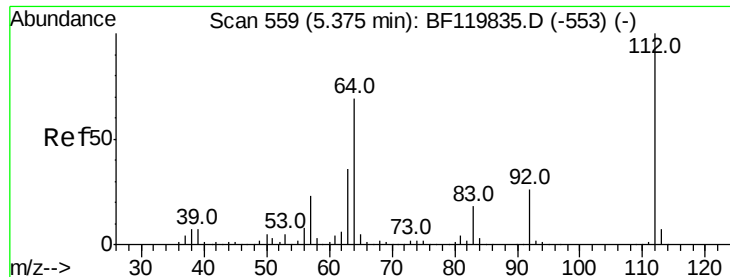
#4
 n-Nitrosodimethylamine
 Concen: 37.607 ng
 RT: 2.96 min Scan# 149
 Delta R.T. 0.06 min
 Lab File: BF120164.D
 Acq: 23 Apr 2020 15:37

Tgt Ion: 42 Resp: 187963
 Ion Ratio Lower Upper
 42 100
 74 113.4 91.5 137.3
 44 7.6 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: 114.999 ng

RT: 5.27 min Scan# 542

Delta R.T. 0.01 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

Instrument :

BNA_F

ClientSampleId :

PB128352BS

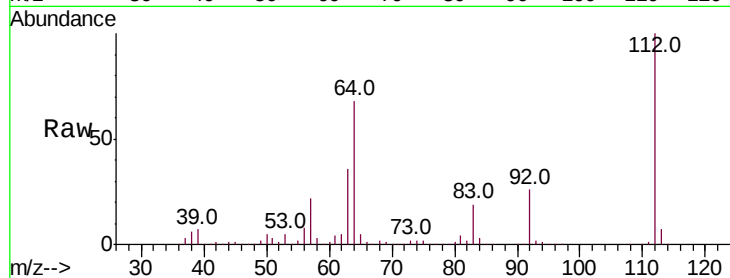
Tot Ion:112 Resp: 920557

Ion Ratio Lower Upper

112 100

64 68.3 56.7 85.1

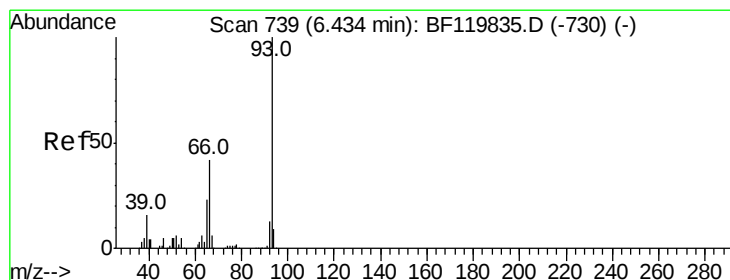
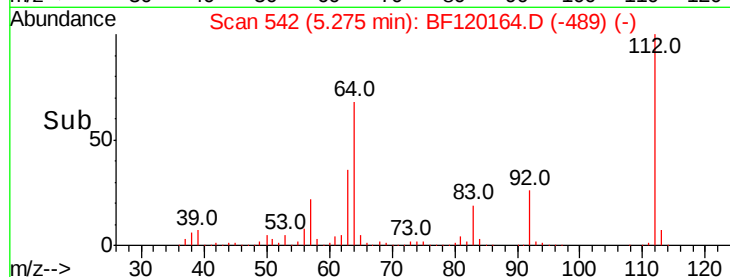
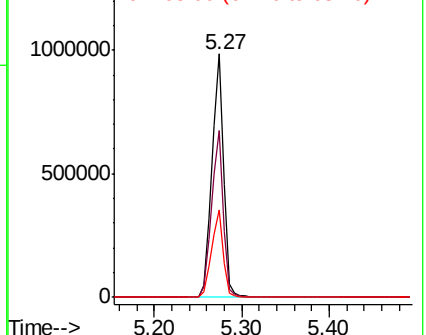
63 36.1 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.024 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

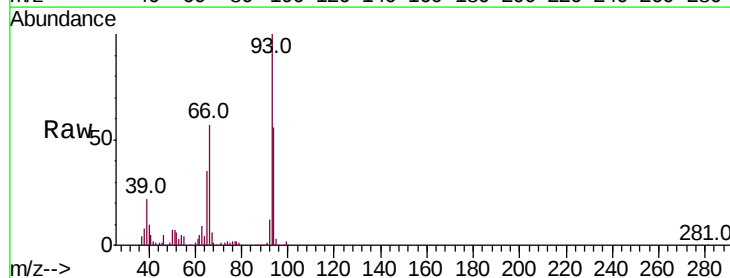
Tgt Ion: 93 Resp: 514783

Ion Ratio Lower Upper

93 100

66 57.5 34.9 52.3#

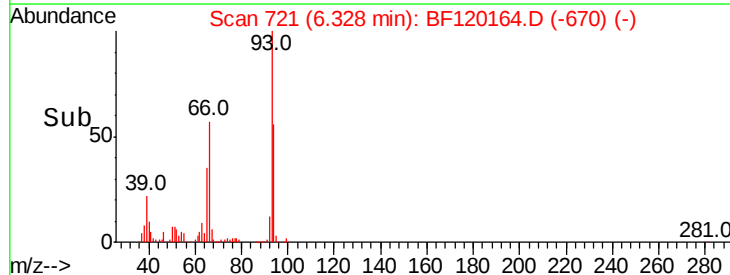
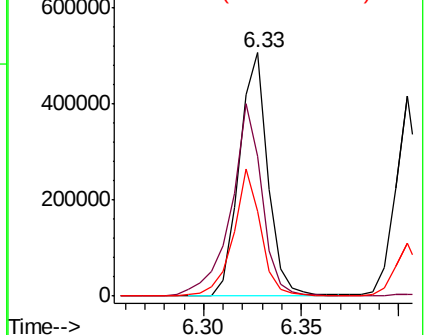
65 34.7 18.6 27.8#

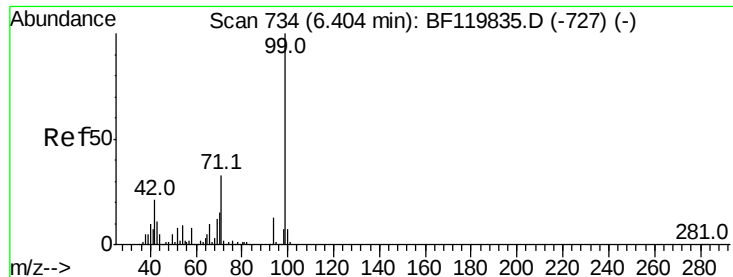


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 113.873 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

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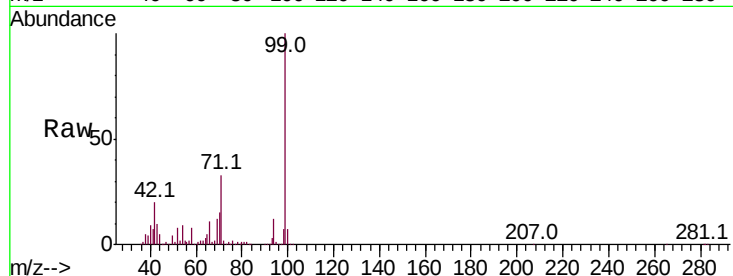
Tot Ion: 99 Resp: 1174567

Ion Ratio Lower Upper

99 100

42 20.1 16.6 24.8

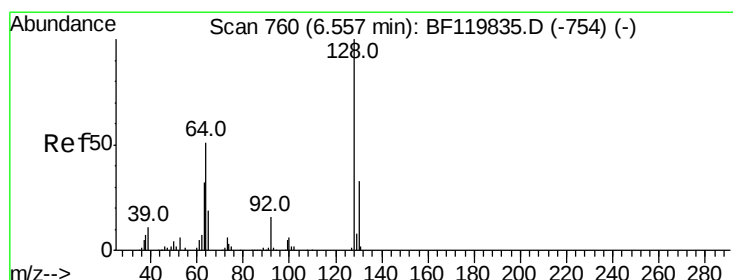
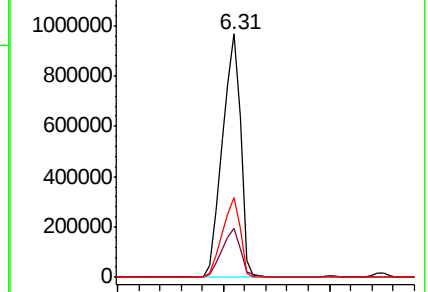
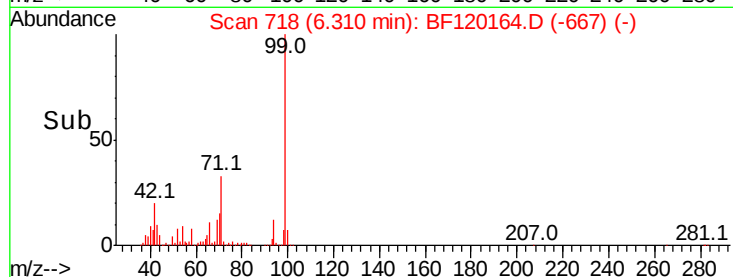
71 32.6 26.4 39.6



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: 41.939 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

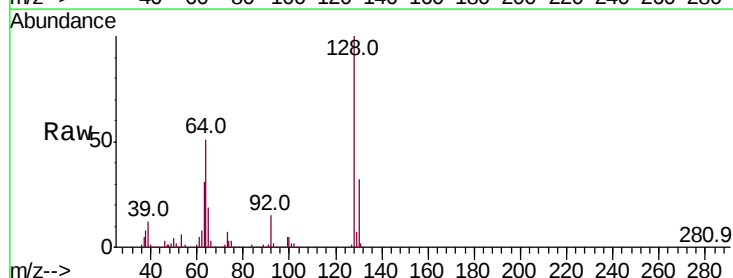
Tgt Ion:128 Resp: 375112

Ion Ratio Lower Upper

128 100

130 32.0 12.6 52.6

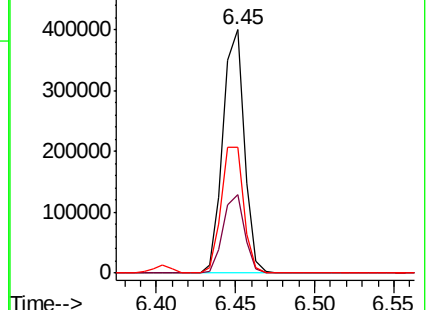
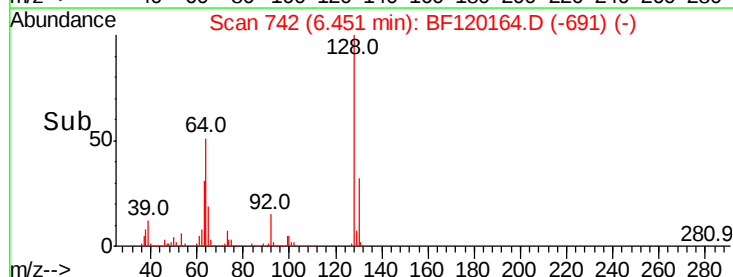
64 51.5 35.3 75.3

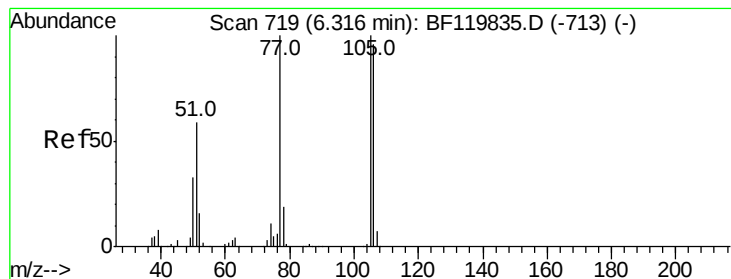


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 20.781 ng

RT: 6.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

Instrument :

BNA_F

ClientSampleId :

PB128352BS

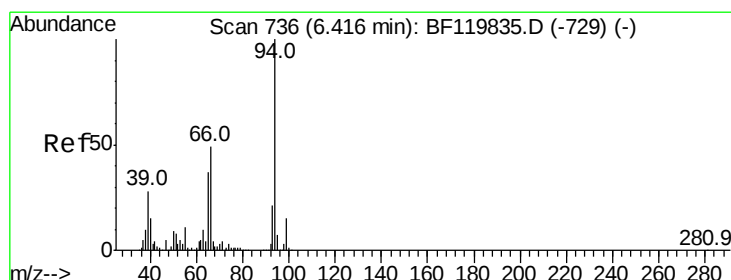
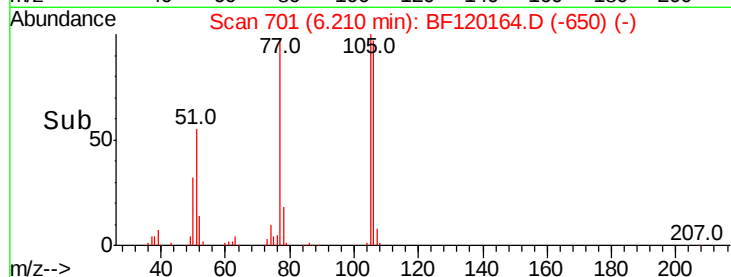
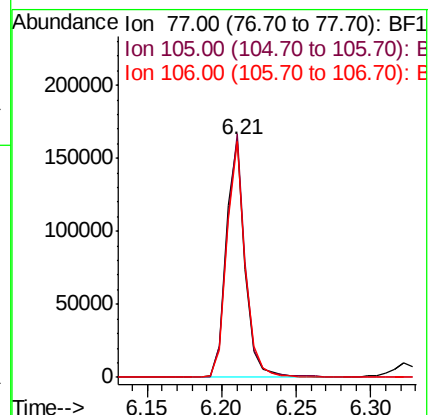
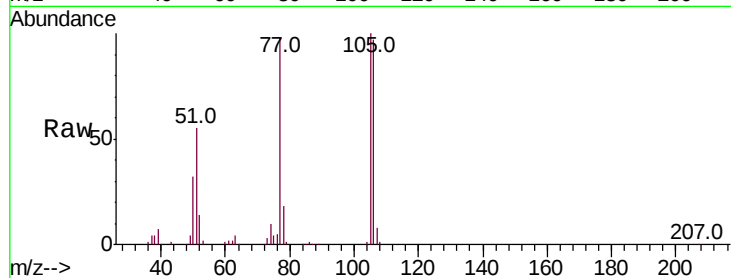
Tot Ion: 77 Resp: 144376

Ion Ratio Lower Upper

77 100

105 102.3 80.9 120.9

106 99.0 77.9 117.9



#10

Phenol

Concen: 40.849 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

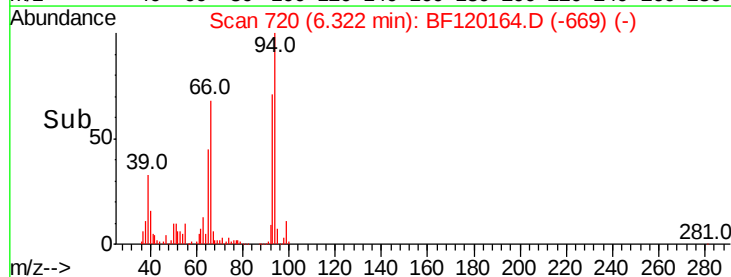
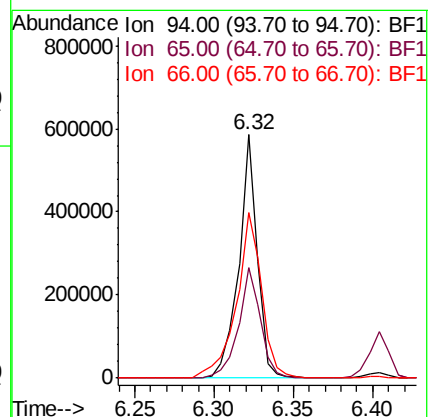
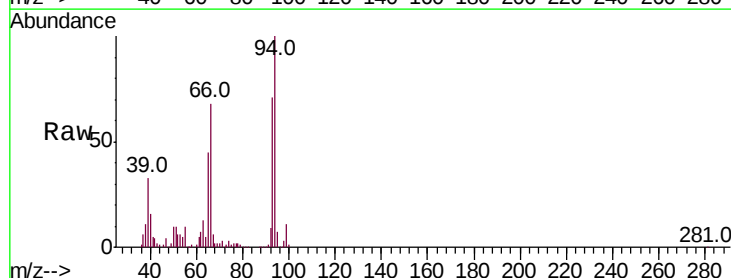
Tgt Ion: 94 Resp: 478012

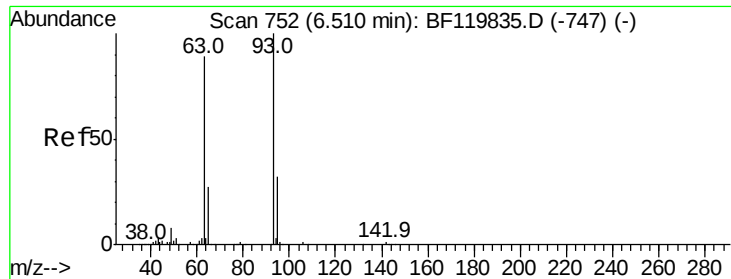
Ion Ratio Lower Upper

94 100

65 45.3 13.2 53.2

66 68.2 22.3 62.3#

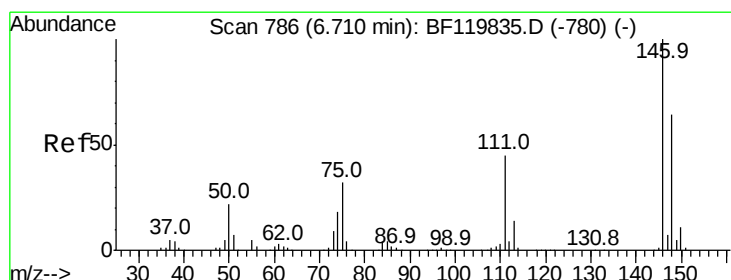
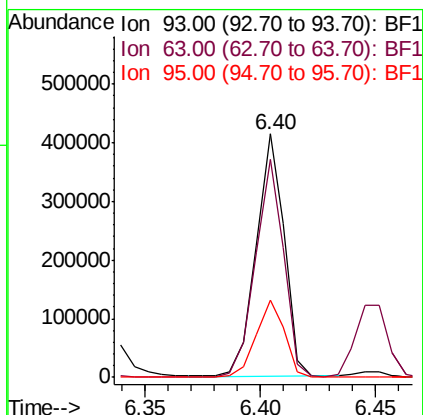
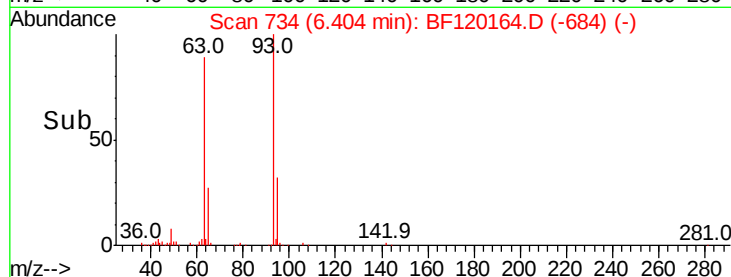
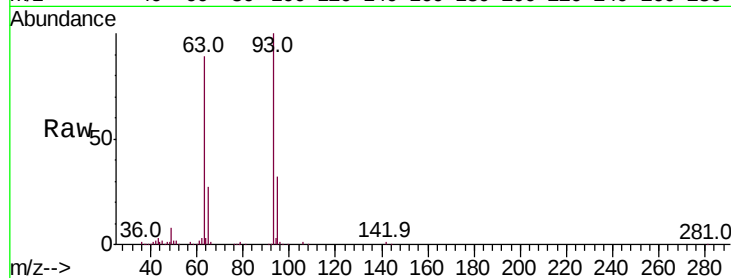




#11
bis(2-Chloroethyl)ether
Concen: 39.057 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

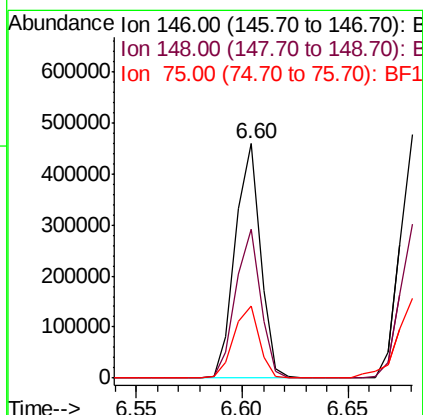
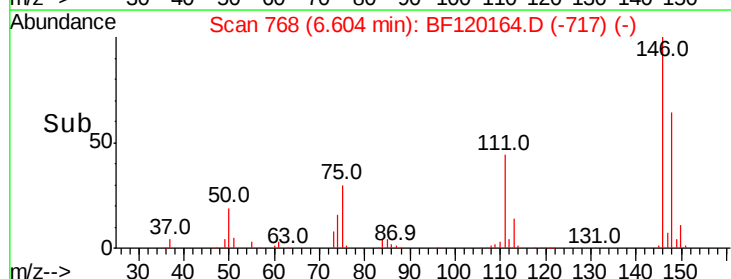
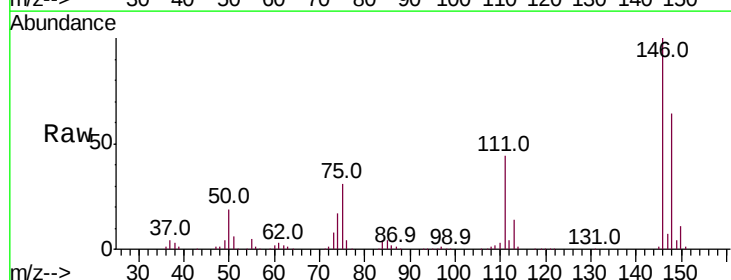
Instrument :
BNA_F
ClientSampleId :
PB128352BS

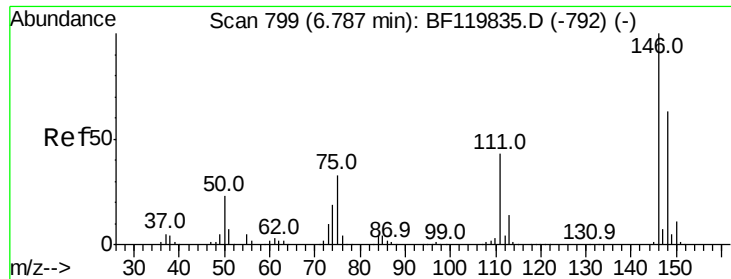
Tot Ion: 93 Resp: 352890
Ion Ratio Lower Upper
93 100
63 89.3 70.2 110.2
95 31.9 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 38.436 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Tgt Ion: 146 Resp: 376369
Ion Ratio Lower Upper
146 100
148 63.8 52.2 78.4
75 30.7 23.0 34.4

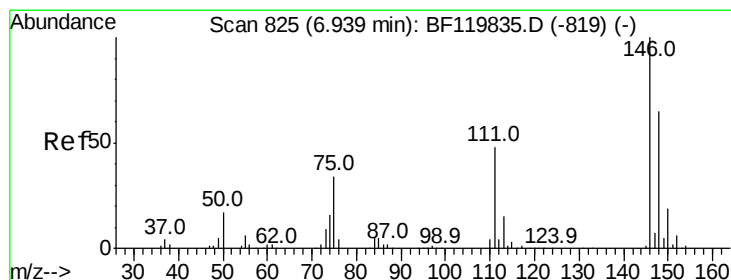
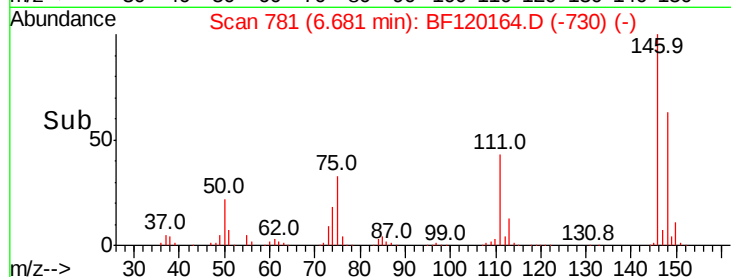
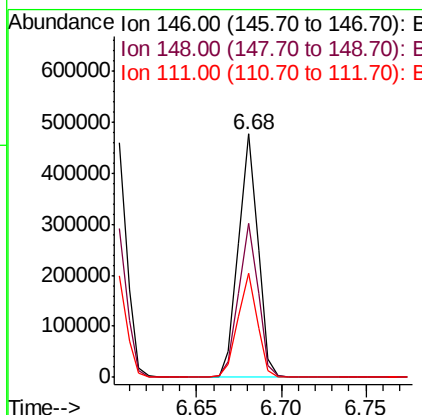
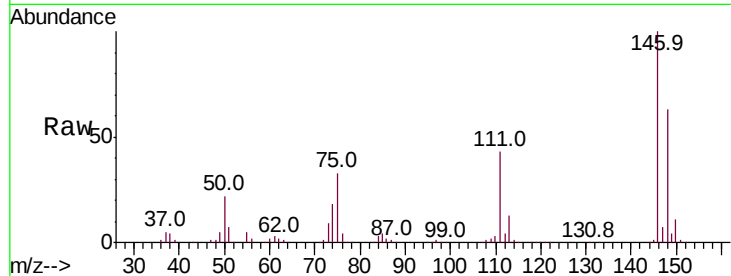




#13
 1,4-Dichlorobenzene
 Concen: 38.336 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: BF120164.D
 Acq: 23 Apr 2020 15:37

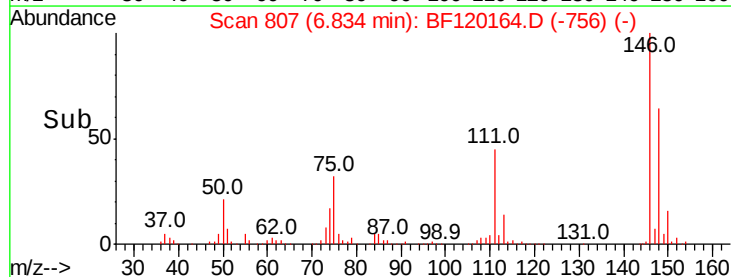
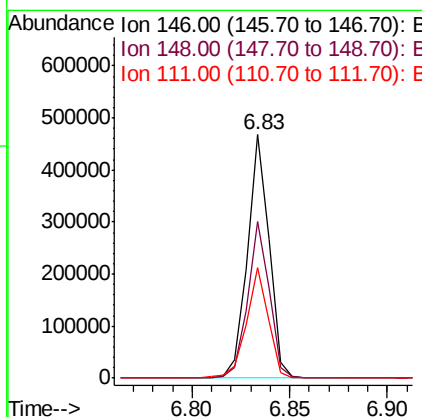
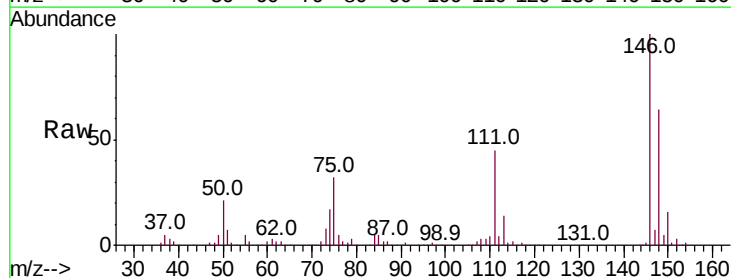
Instrument :
 BNA_F
 ClientSampleId :
 PB128352BS

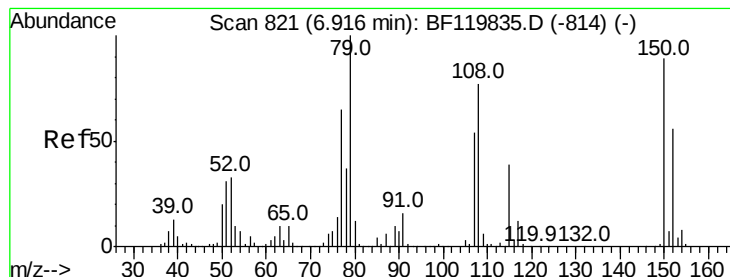
Tot Ion:146 Resp: 382386
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.5 77.3
 111 42.6 33.3 49.9



#14
 1,2-Dichlorobenzene
 Concen: 38.905 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF120164.D
 Acq: 23 Apr 2020 15:37

Tgt Ion:146 Resp: 357638
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.6 75.8
 111 45.4 36.1 54.1

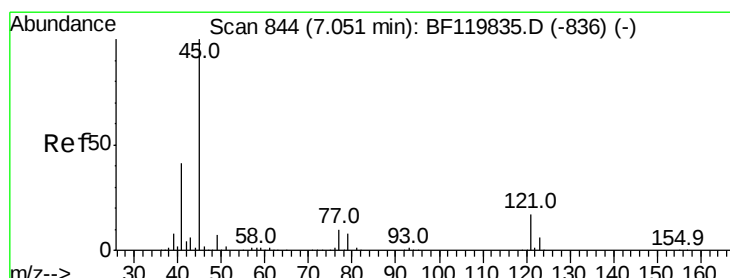
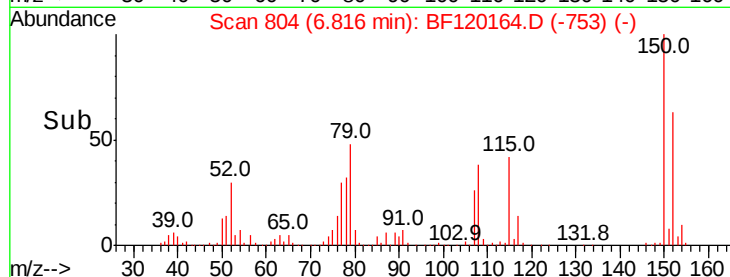
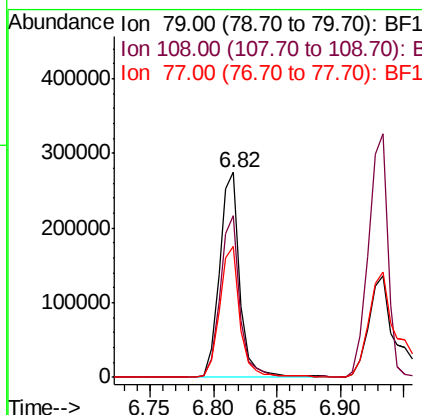
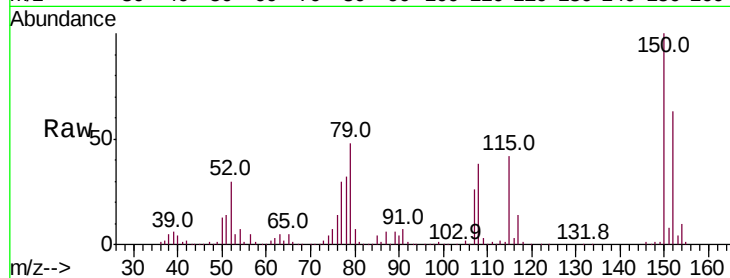




#15
Benzyl Alcohol
Concen: 38.443 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

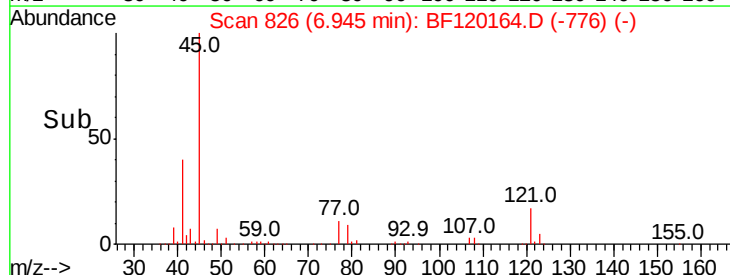
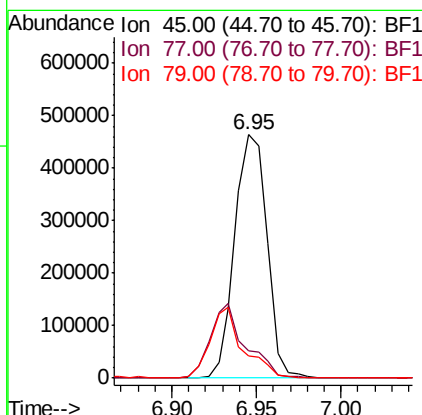
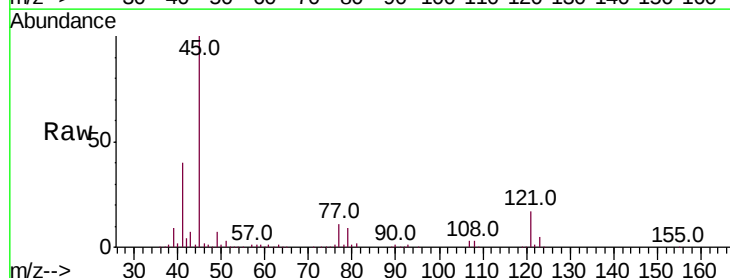
Instrument :
BNA_F
ClientSampled :
PB128352BS

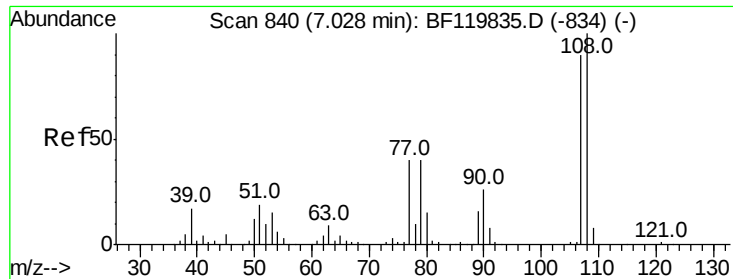
Tot Ion: 79 Resp: 307983
Ion Ratio Lower Upper
79 100
108 78.9 60.6 90.8
77 63.6 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.290 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Tgt Ion: 45 Resp: 620482
Ion Ratio Lower Upper
45 100
77 11.3 0.0 30.7
79 9.3 0.0 28.2

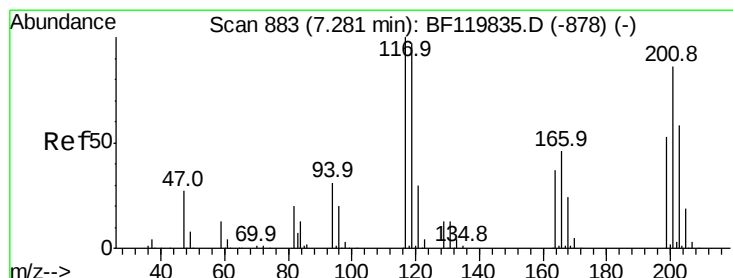
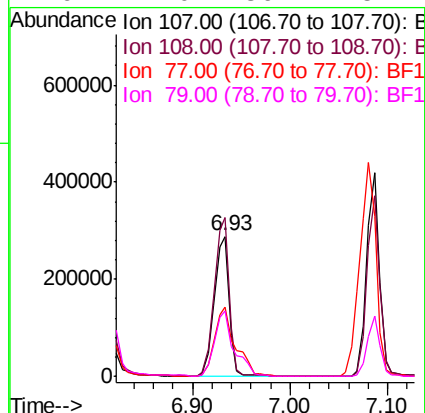
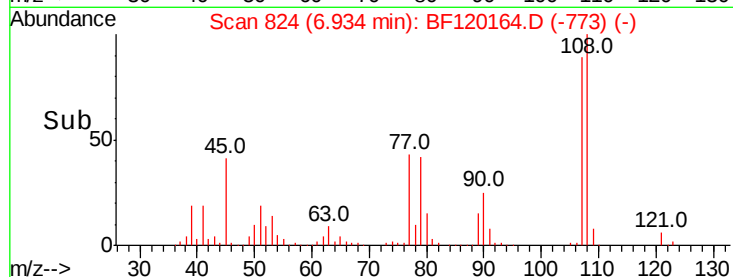
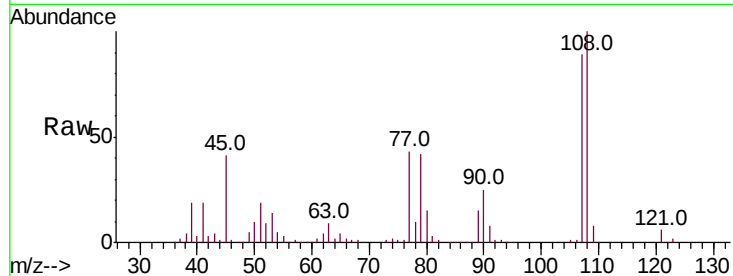




#17
2-Methylphenol
Concen: 38.376 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

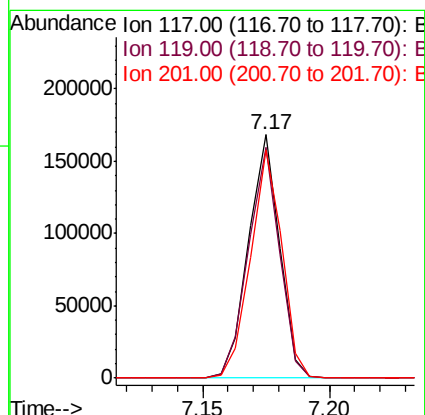
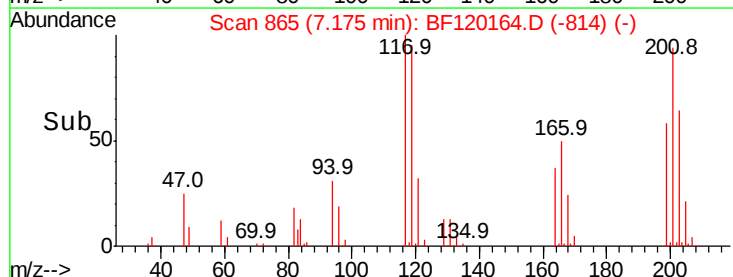
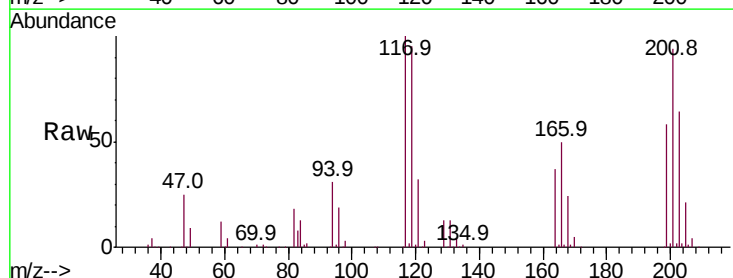
Instrument :
BNA_F
ClientSampleId :
PB128352BS

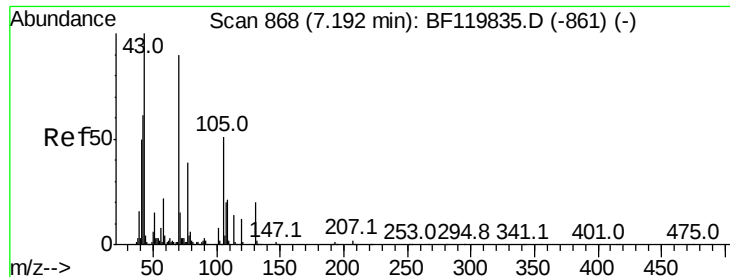
Tot Ion:107 Resp: 306314
Ion Ratio Lower Upper
107 100
108 113.0 92.2 138.4
77 49.1 36.6 54.8
79 47.0 36.2 54.4



#18
Hexachloroethane
Concen: 38.574 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Tgt Ion:117 Resp: 143795
Ion Ratio Lower Upper
117 100
119 94.8 76.1 114.1
201 93.7 73.0 109.6

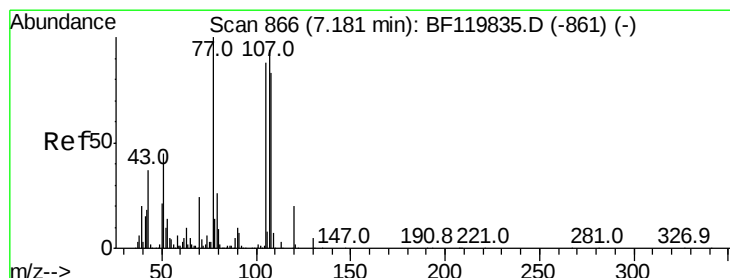
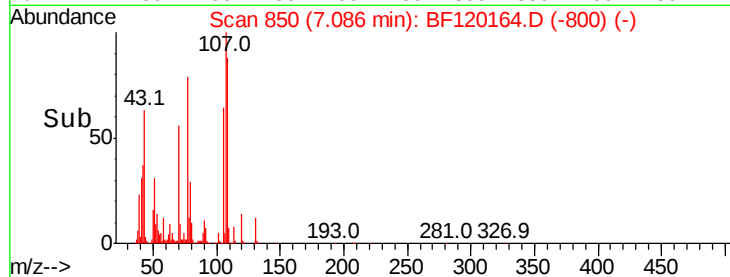
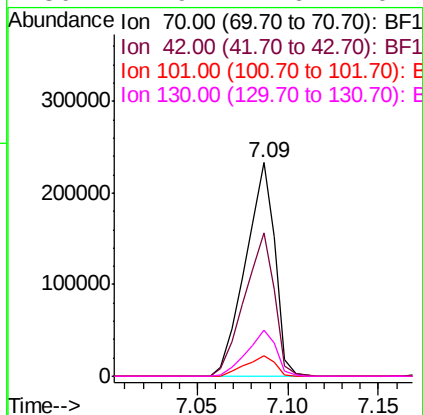
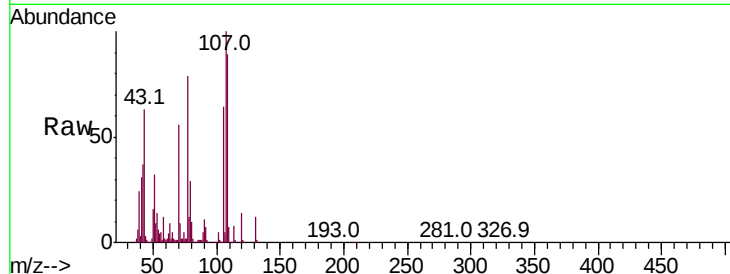




#19
n-Nitroso-di-n-propylamine
Concen: 39.484 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

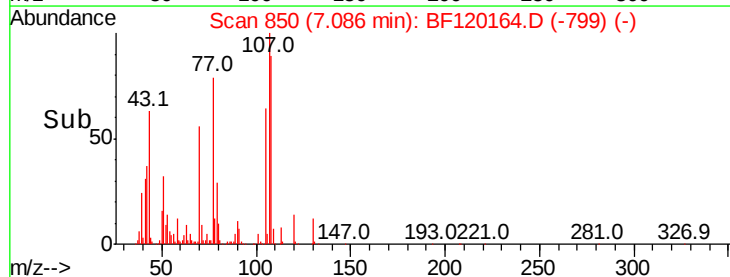
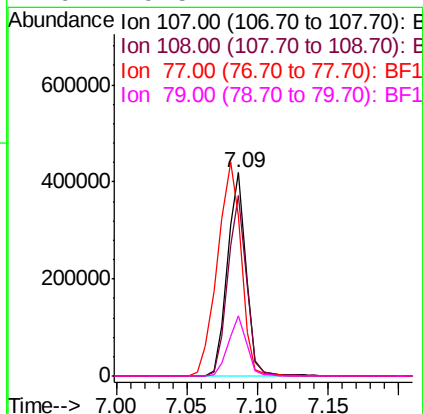
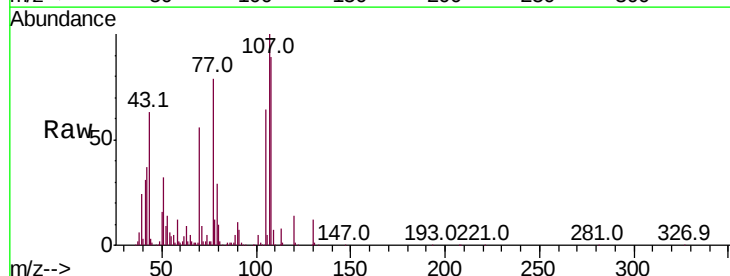
Instrument :
BNA_F
ClientSampleId :
PB128352BS

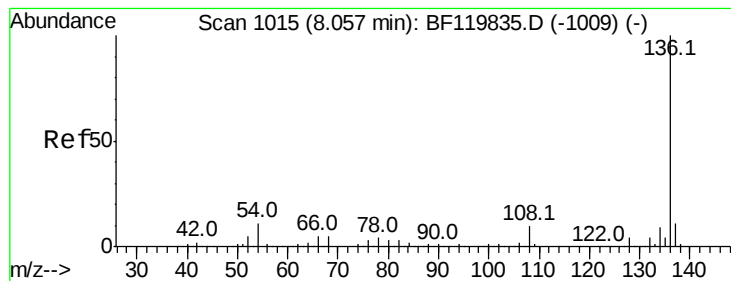
Tot Ion: 70 Resp: 261892
Ion Ratio Lower Upper
70 100
42 67.3 54.5 81.7
101 9.4 7.6 11.4
130 21.9 17.6 26.4



#20
3+4-Methylphenols
Concen: 39.631 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Tgt Ion:107 Resp: 386880
Ion Ratio Lower Upper
107 100
108 88.6 67.9 107.9
77 78.8 52.9 92.9
79 29.5 7.7 47.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

Instrument :

BNA_F

ClientSampleId :

PB128352BS

Tot Ion:136 Resp: 546212

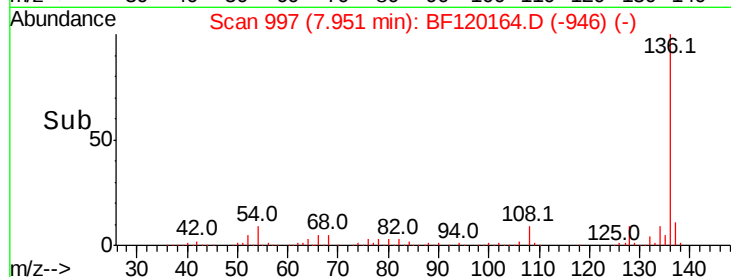
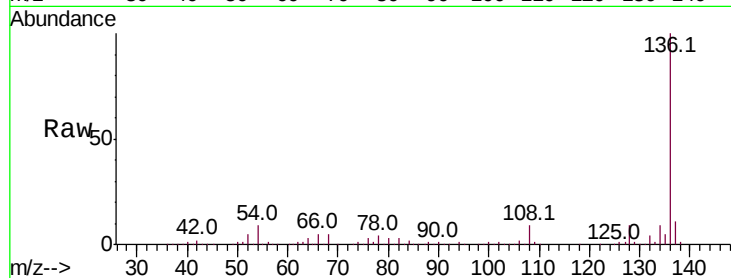
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 9.2 9.1 13.7

68 5.3 4.6 6.8



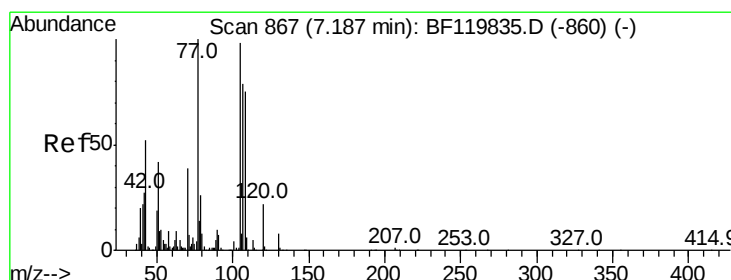
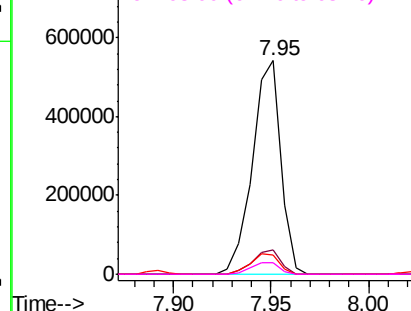
Abundance

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: 39.667 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

Tgt Ion:105 Resp: 507368

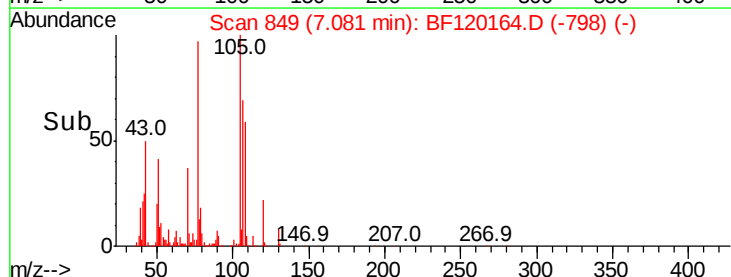
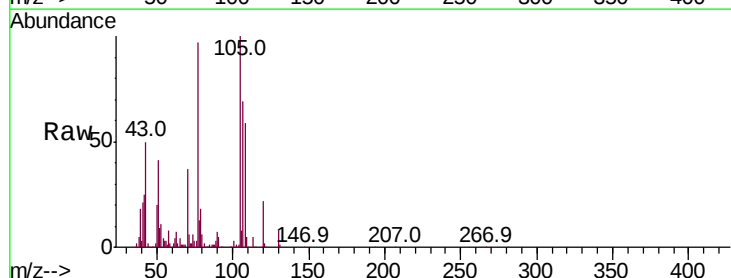
Ion Ratio Lower Upper

105 100

71 5.8 5.7 8.5

51 41.5 26.2 39.4

120 21.8 18.3 27.5



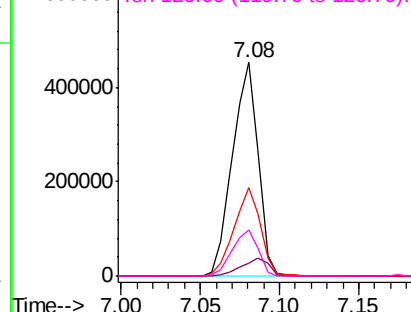
Abundance

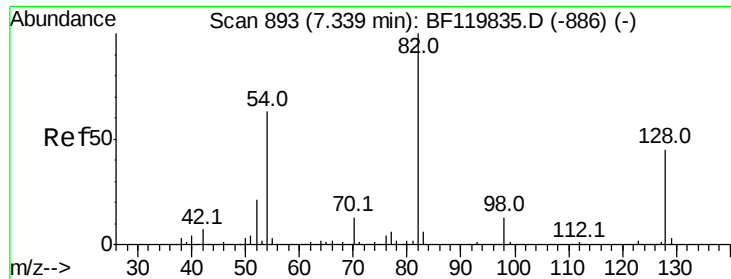
Ion 105.00 (104.70 to 105.70): E

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

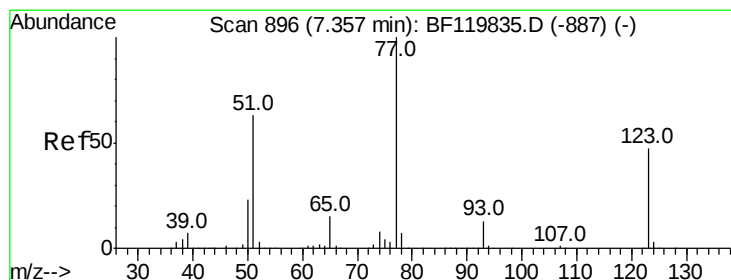
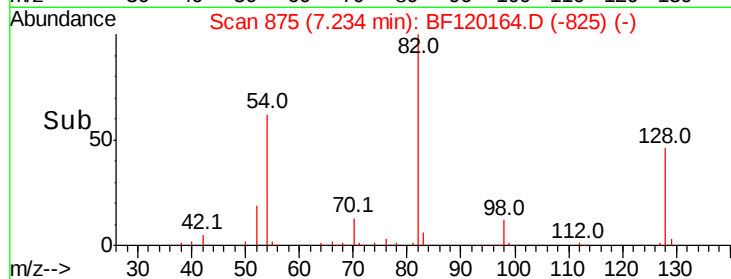
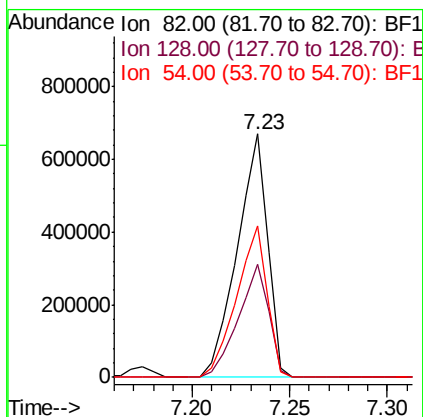
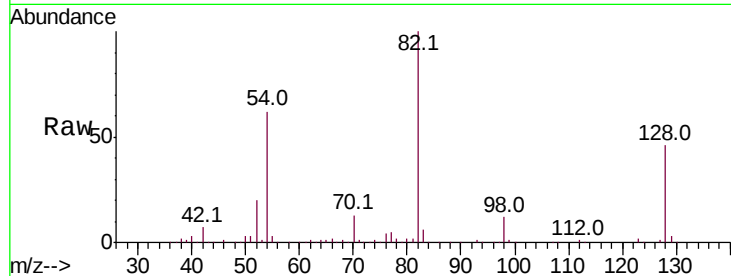




#23
 Nitrobenzene-d5
 Concen: 68.496 ng
 RT: 7.23 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF120164.D
 Acq: 23 Apr 2020 15:37

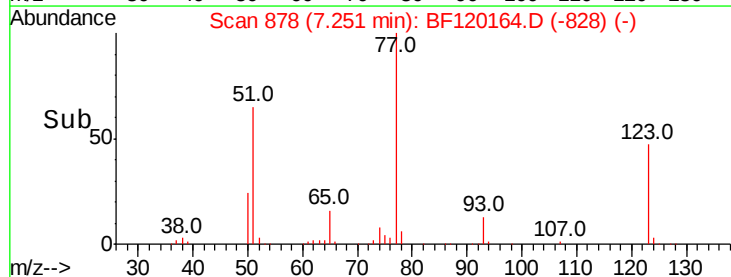
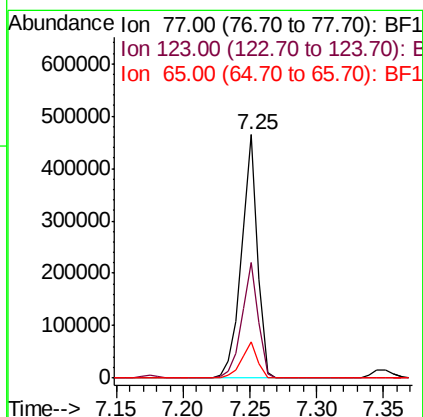
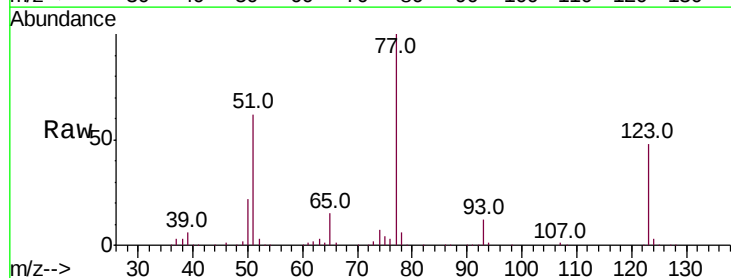
Instrument :
 BNA_F
 ClientSampleId :
 PB128352BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.3	54.5
54	62.3	50.6	75.8



#24
 Nitrobenzene
 Concen: 36.840 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF120164.D
 Acq: 23 Apr 2020 15:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.5	38.0	57.0
65	15.1	12.6	18.8

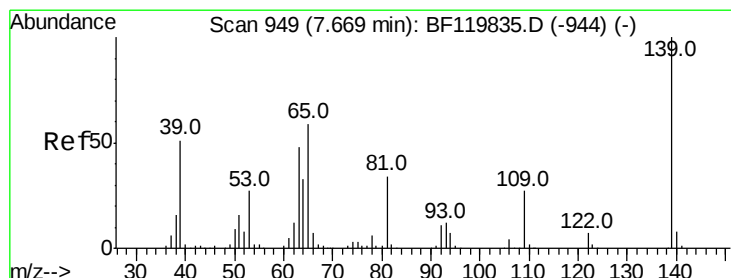
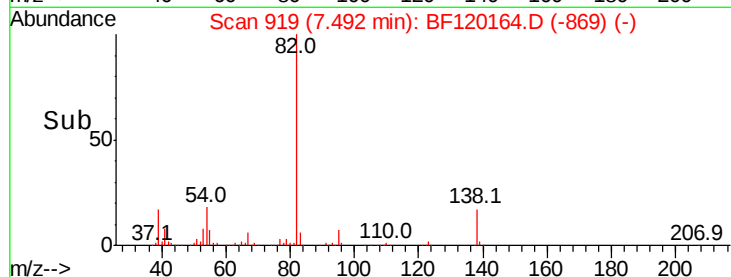
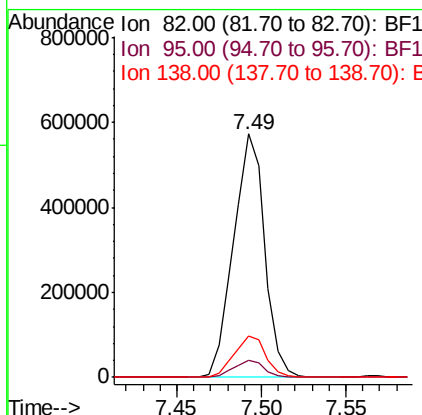
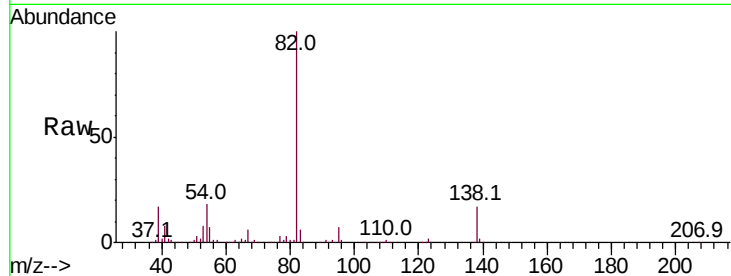




#25
Isophorone
Concen: 36.114 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

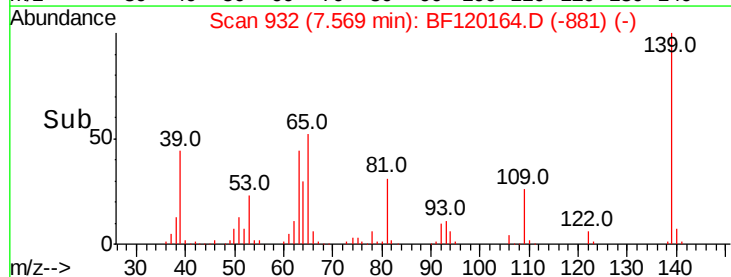
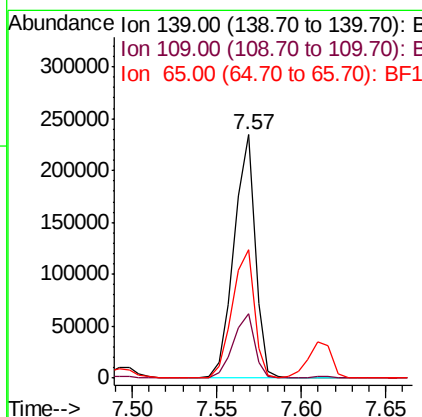
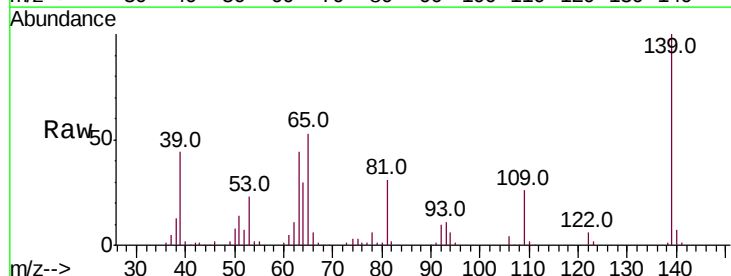
Instrument :
BNA_F
ClientSampleId :
PB128352BS

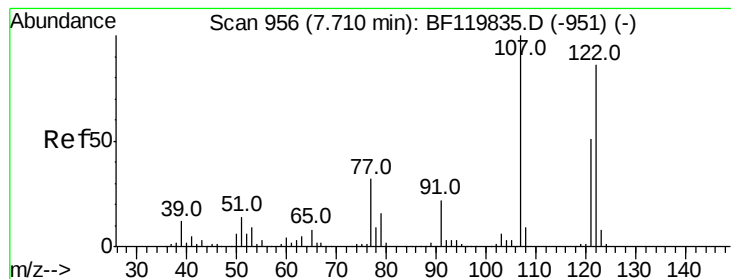
Tot Ion: 82 Resp: 735020
Ion Ratio Lower Upper
82 100
95 6.8 5.8 8.6
138 17.3 14.6 21.8



#26
2-Nitrophenol
Concen: 38.581 ng
RT: 7.57 min Scan# 932
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Tgt Ion:139 Resp: 204724
Ion Ratio Lower Upper
139 100
109 26.3 22.1 33.1
65 52.6 49.2 73.8





#27

2,4-Dimethylphenol

Concen: 40.035 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

Instrument :

BNA_F

ClientSampleId :

PB128352BS

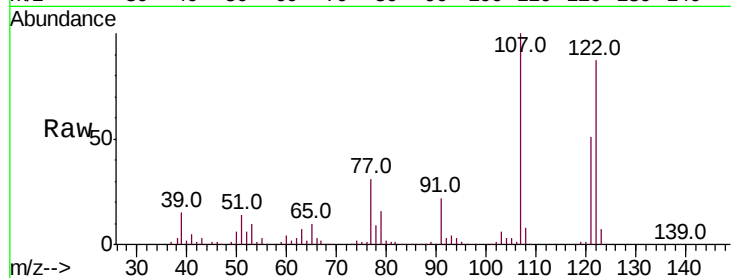
Tot Ion:122 Resp: 320394

Ion Ratio Lower Upper

122 100

107 115.0 89.0 133.6

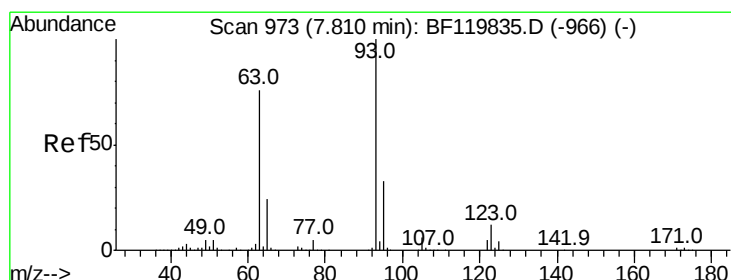
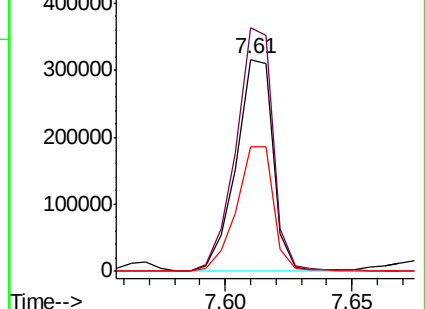
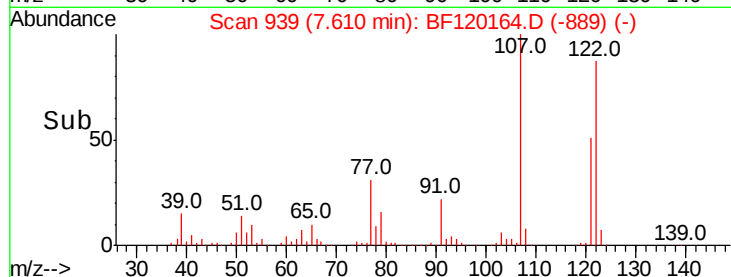
121 59.0 46.7 70.1



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: 38.303 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

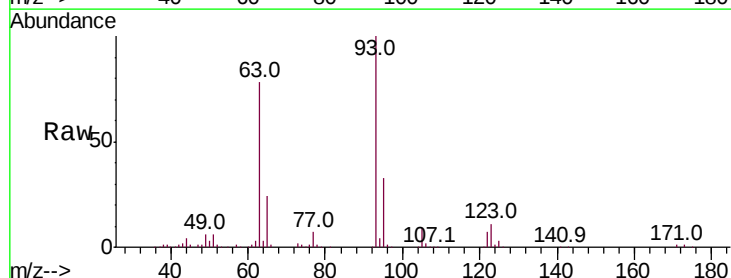
Tgt Ion: 93 Resp: 458740

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

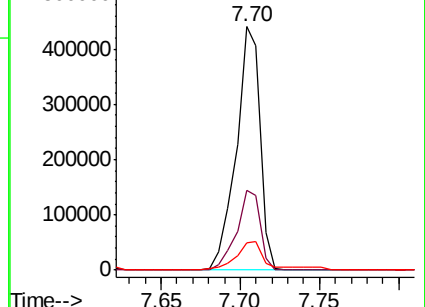
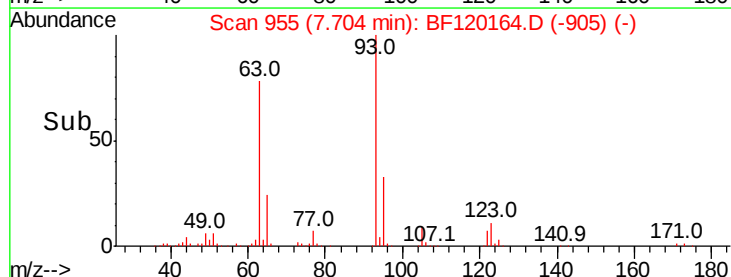
123 11.5 9.7 14.5

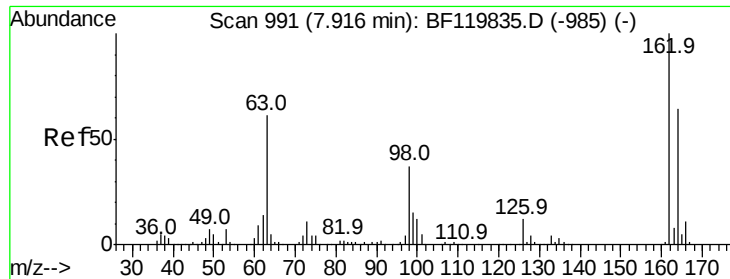


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

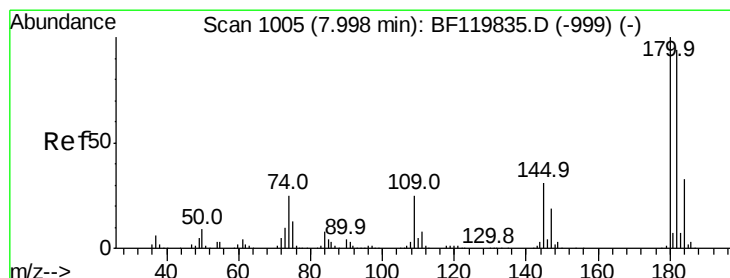
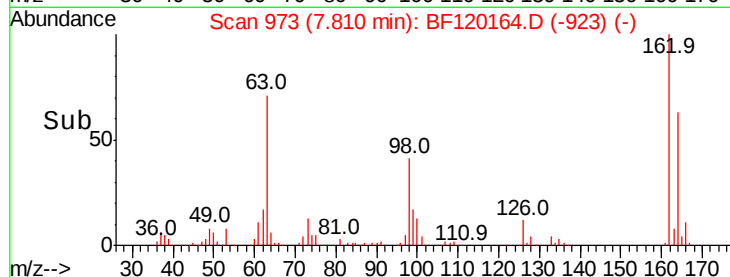
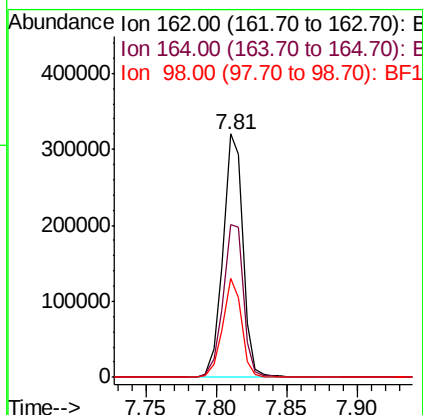
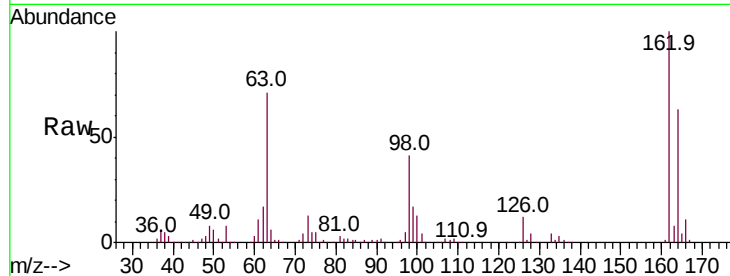




#29
 2,4-Dichlorophenol
 Concen: 38.341 ng
 RT: 7.81 min Scan# 973
 Delta R.T. -0.01 min
 Lab File: BF120164.D
 Acq: 23 Apr 2020 15:37

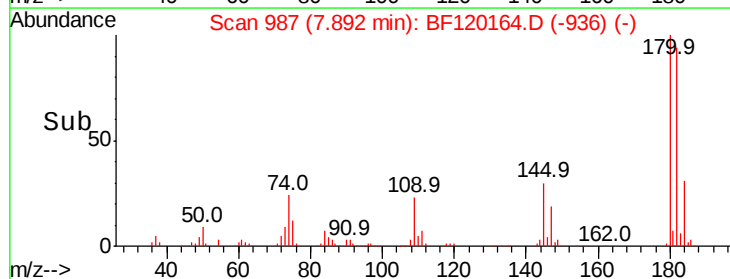
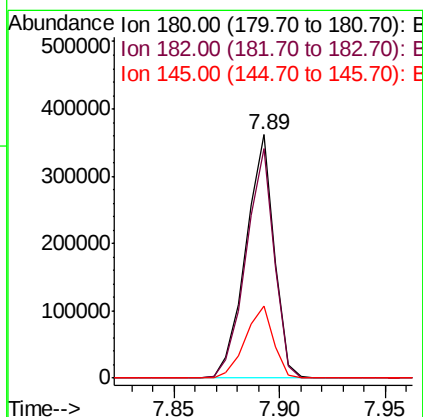
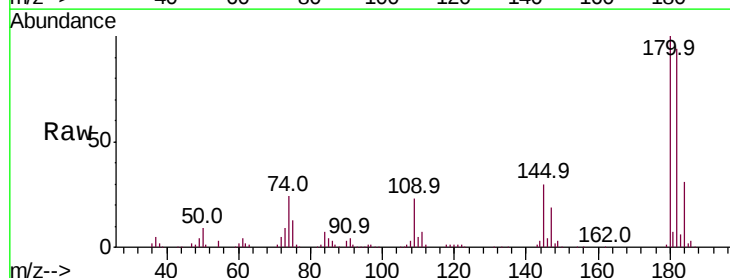
Instrument :
 BNA_F
 ClientSampleId :
 PB128352BS

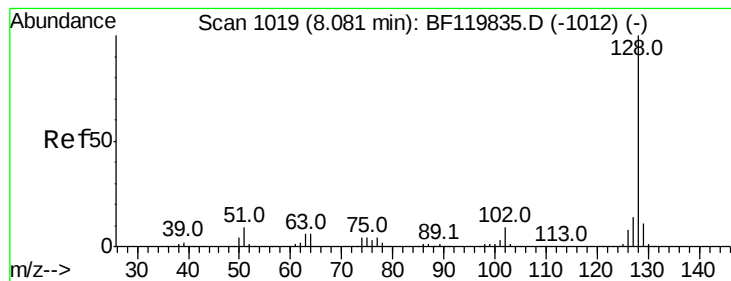
Tot Ion:162 Resp: 314522
 Ion Ratio Lower Upper
 162 100
 164 62.6 44.7 84.7
 98 40.8 20.7 60.7



#30
 1,2,4-Trichlorobenzene
 Concen: 36.153 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.00 min
 Lab File: BF120164.D
 Acq: 23 Apr 2020 15:37

Tgt Ion:180 Resp: 336041
 Ion Ratio Lower Upper
 180 100
 182 94.1 74.7 112.1
 145 29.9 24.5 36.7





#31

Naphthalene

Concen: 37.095 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

Instrument :

BNA_F

ClientSampleId :

PB128352BS

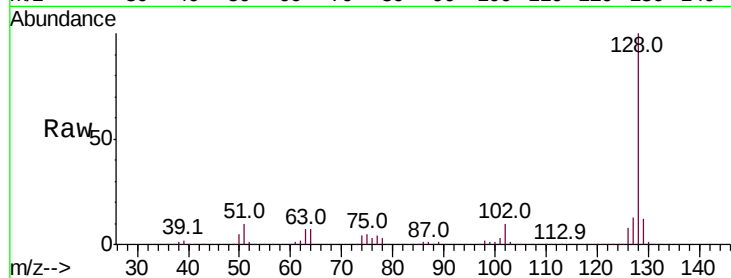
Tot Ion:128 Resp: 1066028

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

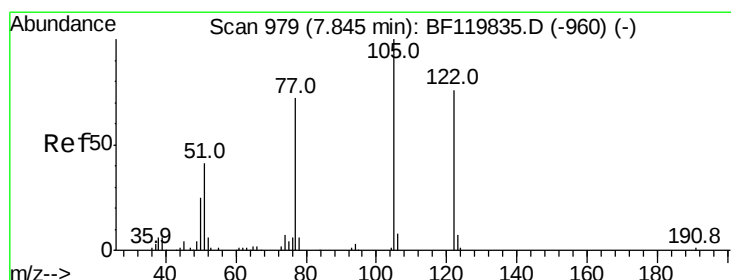
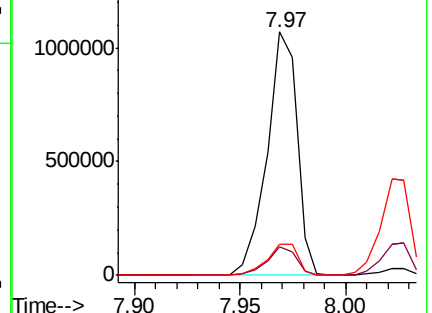
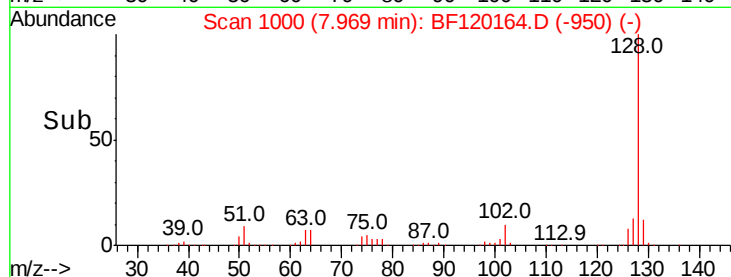
127 13.0 11.3 16.9



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: 32.060 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

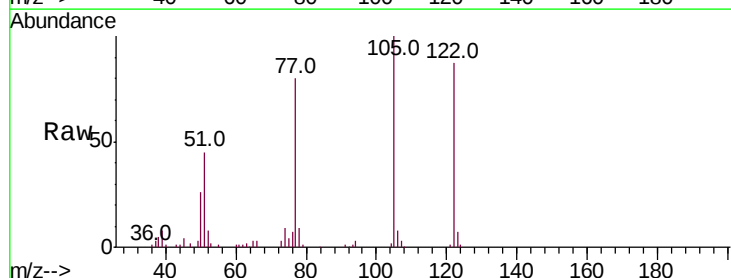
Tgt Ion:122 Resp: 225335

Ion Ratio Lower Upper

122 100

105 114.7 104.9 144.9

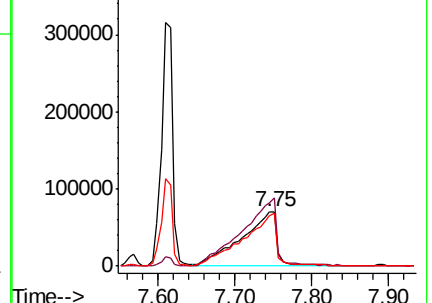
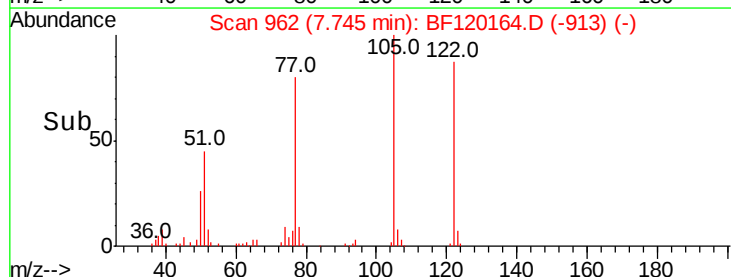
77 91.7 74.4 114.4

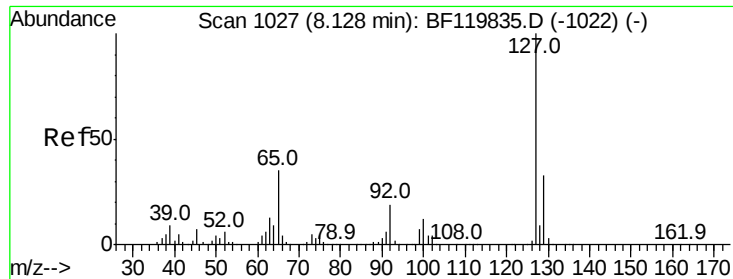


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

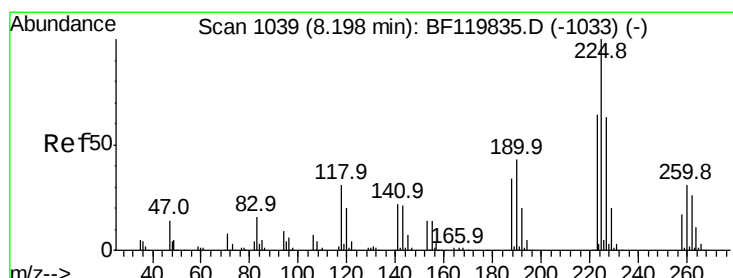
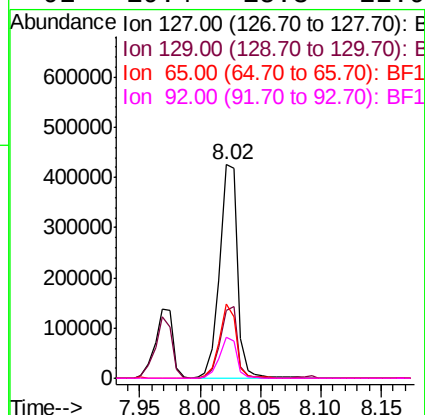
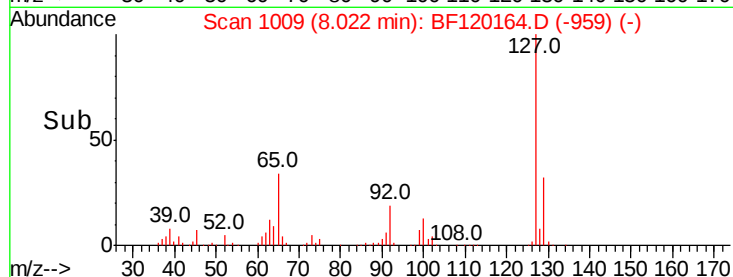
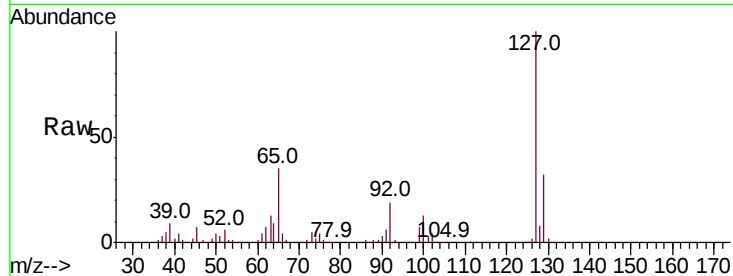




#33
4-Chloroaniline
Concen: 34.474 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

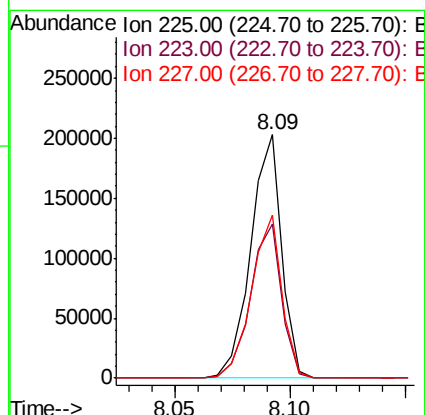
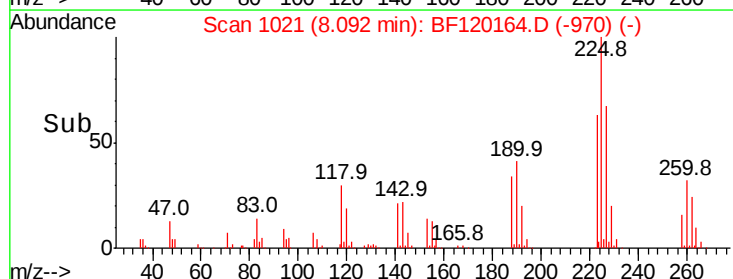
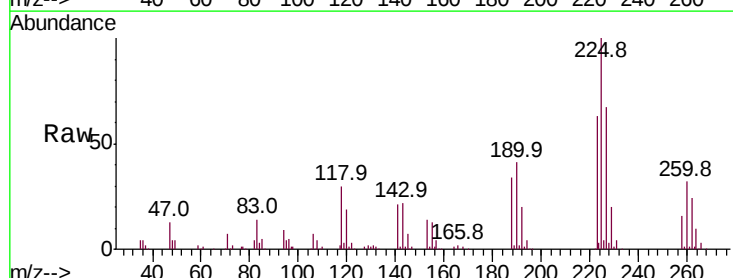
Instrument :
BNA_F
ClientSampleId :
PB128352BS

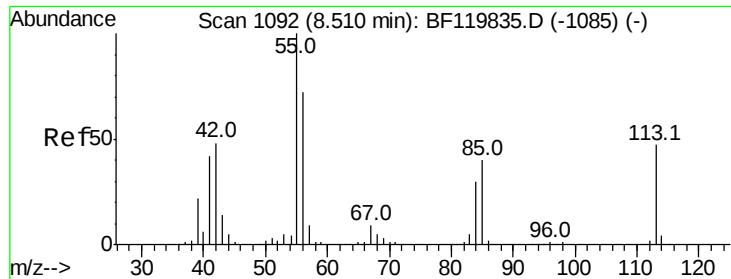
Tot Ion:	127	Resp:	431294
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.2	39.4
65	34.7	27.4	41.0
92	19.4	15.3	22.9



#34
Hexachlorobutadiene
Concen: 34.067 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Tgt Ion:	225	Resp:	189550
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.0	76.6
227	66.9	50.7	76.1

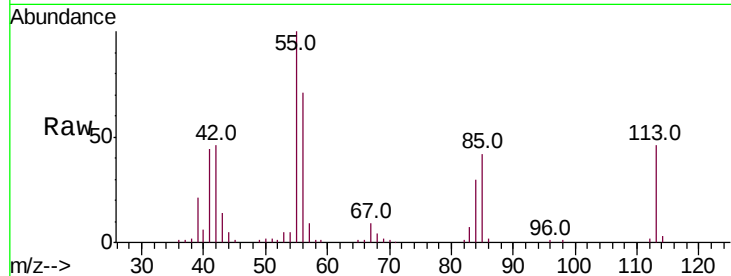




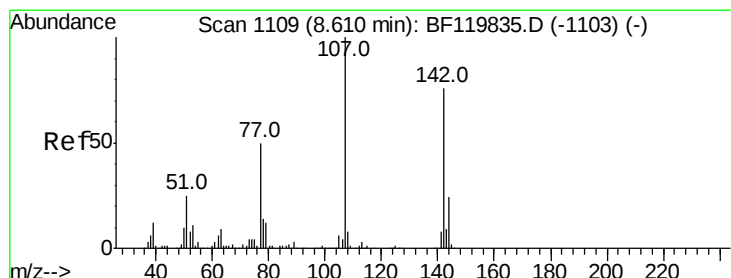
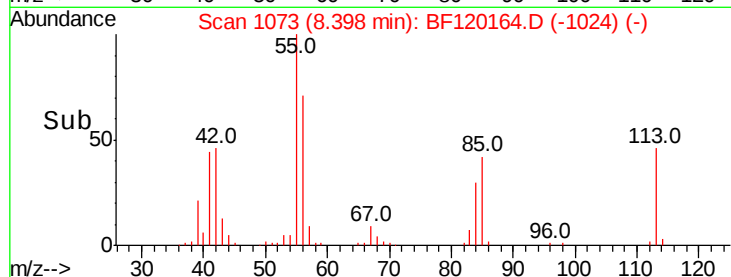
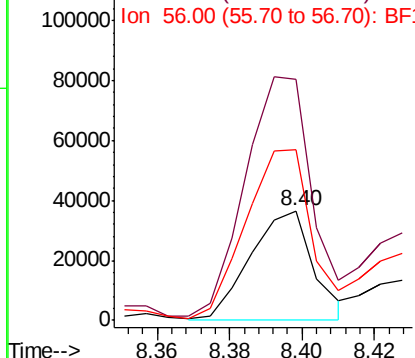
#35
Caprolactam
Concen: 17.626 ng
RT: 8.40 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Instrument :
BNA_F
ClientSampleId :
PB128352BS

Tot Ion:113 Resp: 44230
Ion Ratio Lower Upper
113 100
55 219.3 218.4 258.4
56 154.9 148.9 188.9

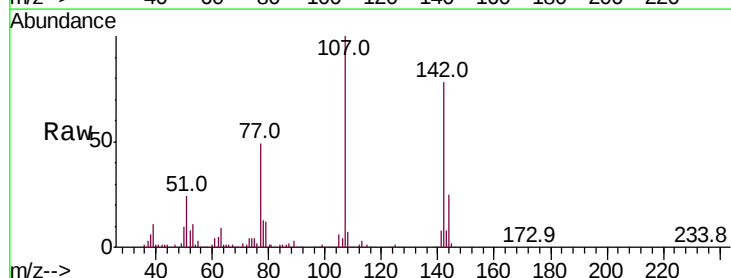


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

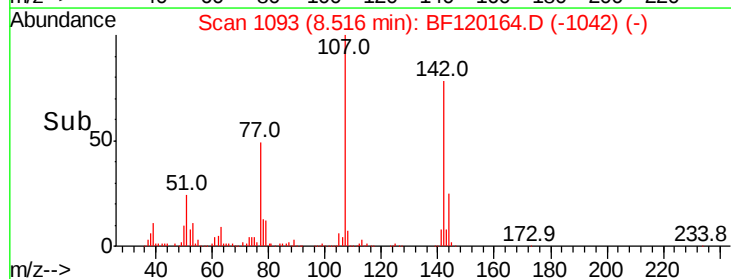
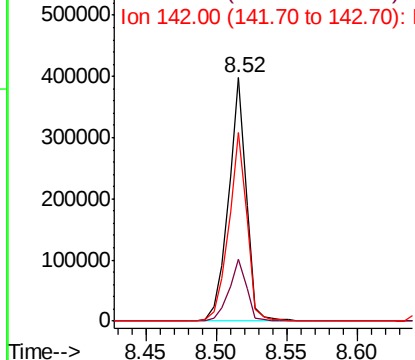


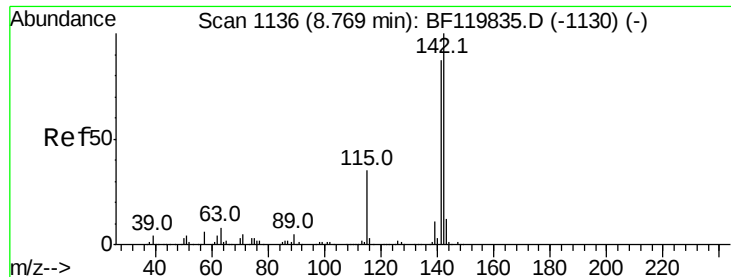
#36
4-Chloro-3-methylphenol
Concen: 39.208 ng
RT: 8.52 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Tgt Ion:107 Resp: 348222
Ion Ratio Lower Upper
107 100
144 25.1 21.0 31.6
142 77.7 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: 38.096 ng

RT: 8.66 min Scan# 1118

Delta R.T. -0.00 min

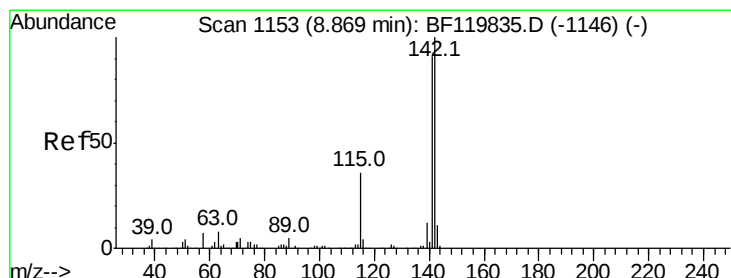
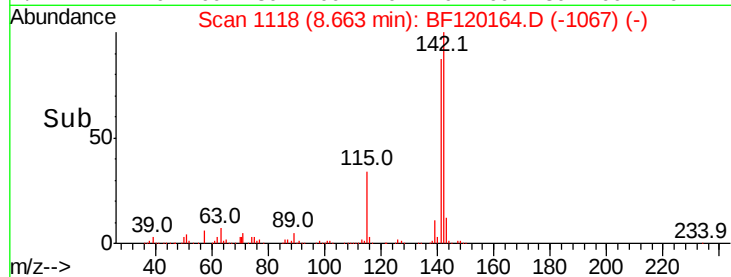
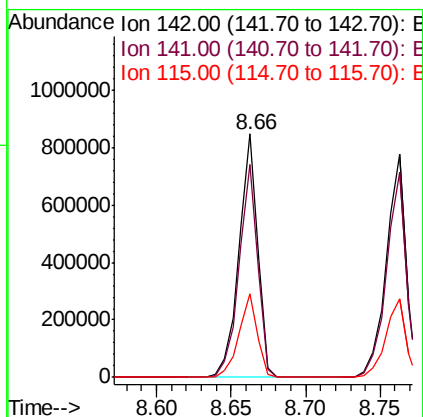
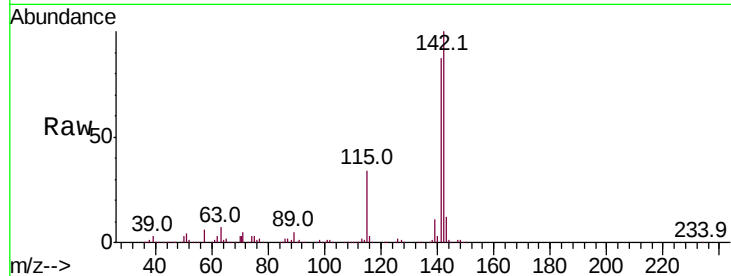
Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

Instrument :
BNA_F
ClientSampleId :
PB128352BS

Tot Ion:142 Resp: 742231

Ion	Ratio	Lower	Upper
142	100		
141	87.5	71.7	107.5
115	34.1	27.9	41.9



#38

1-Methylnaphthalene

Concen: 37.893 ng

RT: 8.76 min Scan# 1135

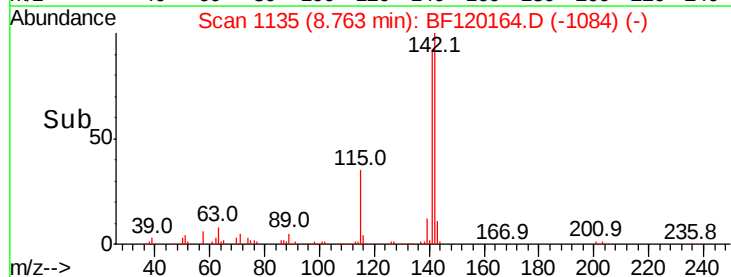
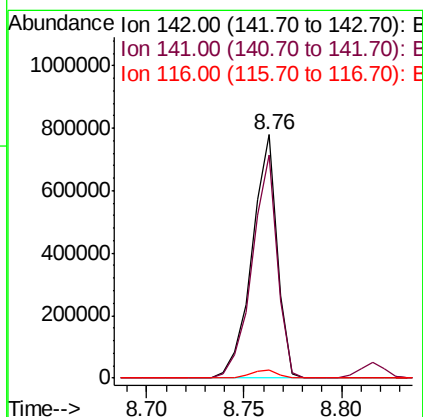
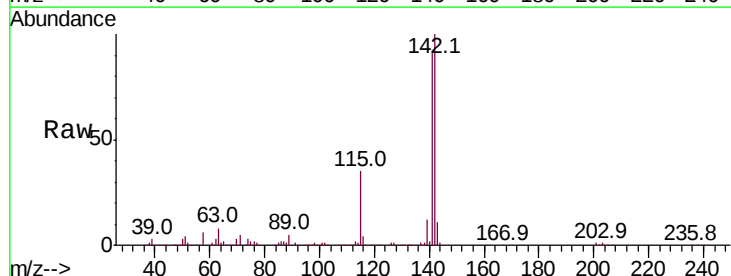
Delta R.T. -0.00 min

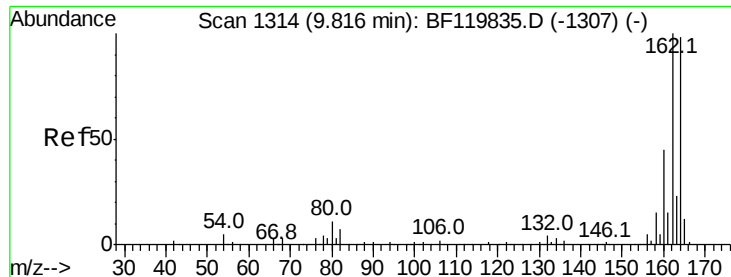
Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

Tgt Ion:142 Resp: 695868

Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.7	110.5
116	3.6	3.0	4.6

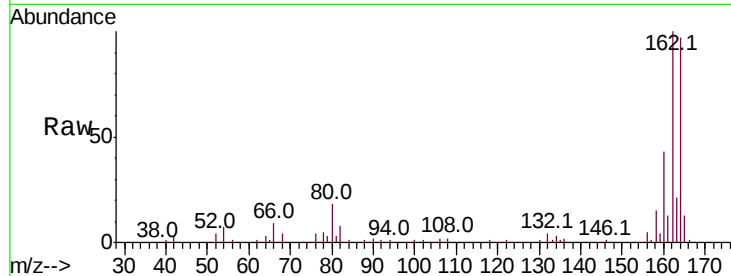




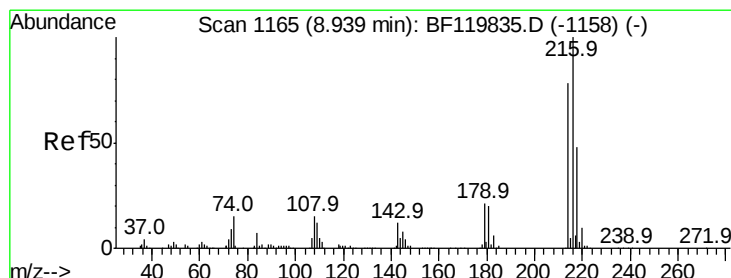
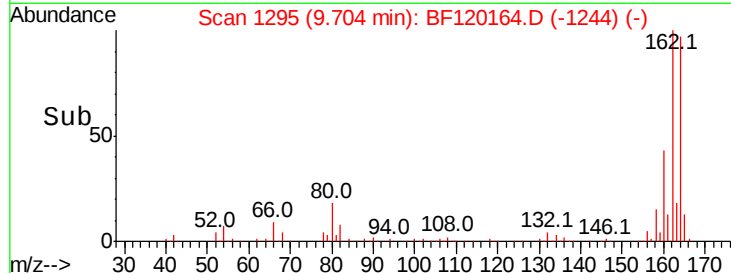
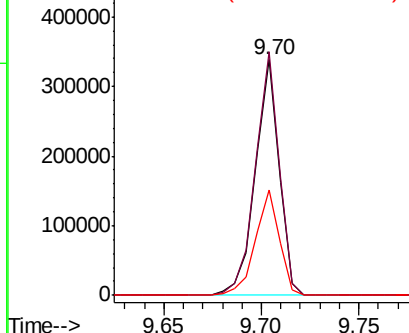
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Instrument :
BNA_F
ClientSampleId :
PB128352BS

Tot Ion:164 Resp: 287057
Ion Ratio Lower Upper
164 100
162 103.2 80.6 121.0
160 44.4 35.7 53.5

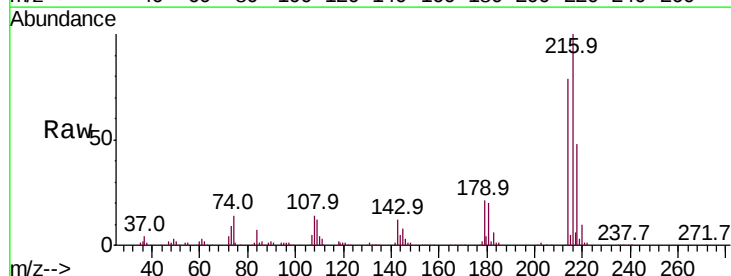


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

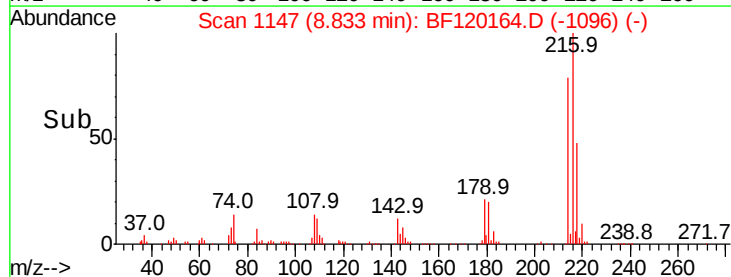
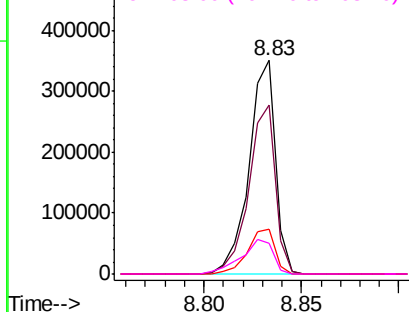


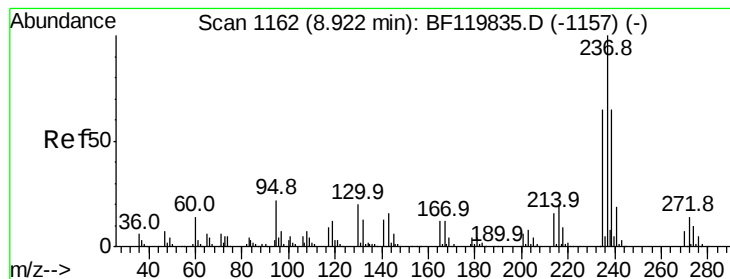
#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.415 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Tgt Ion:216 Resp: 330160
Ion Ratio Lower Upper
216 100
214 79.5 63.2 94.8
179 21.6 17.1 25.7
108 19.6 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: 65.906 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

Instrument :

BNA_F

ClientSampleId :

PB128352BS

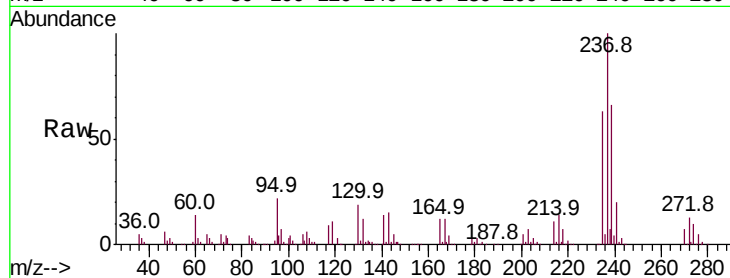
Tot Ion:237 Resp: 339781

Ion Ratio Lower Upper

237 100

235 63.2 43.2 83.2

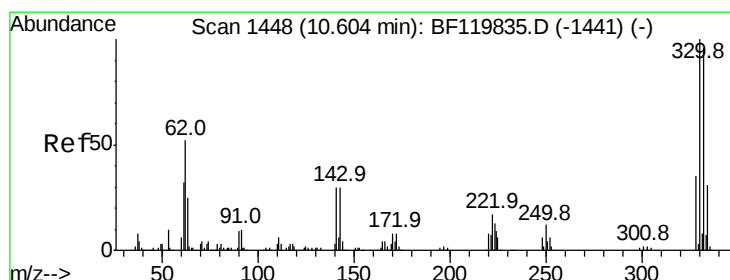
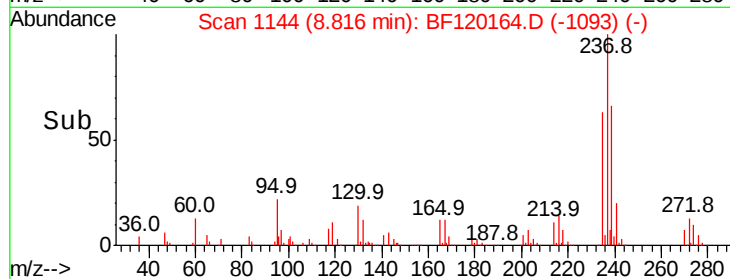
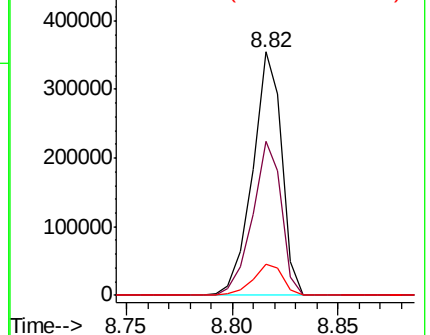
272 12.9 0.0 34.1



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: 93.409 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

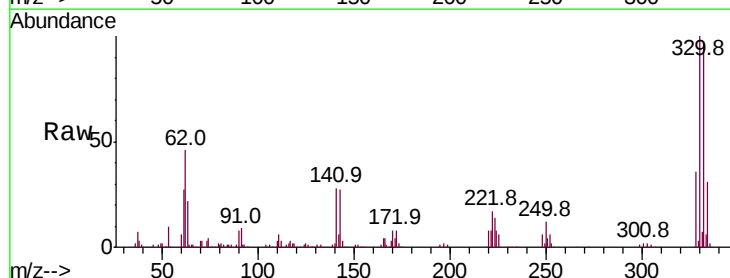
Tgt Ion:330 Resp: 328290

Ion Ratio Lower Upper

330 100

332 97.2 75.7 113.5

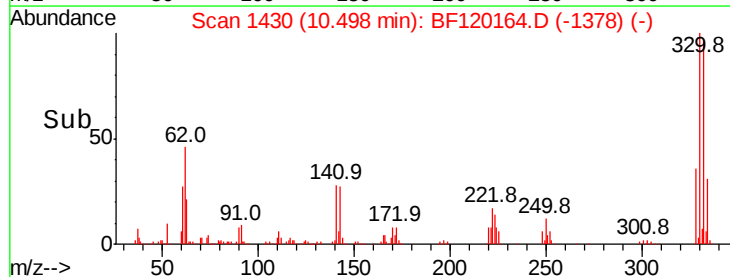
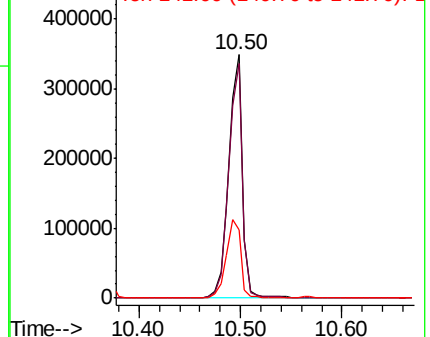
141 34.2 25.4 38.0

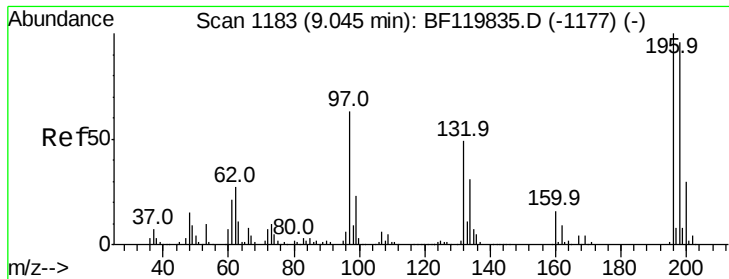


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

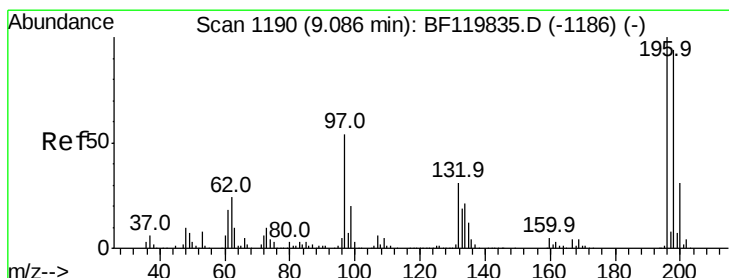
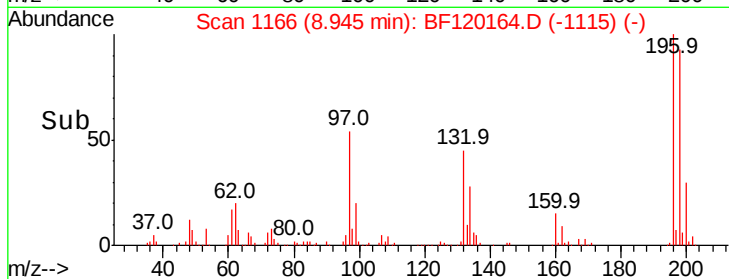
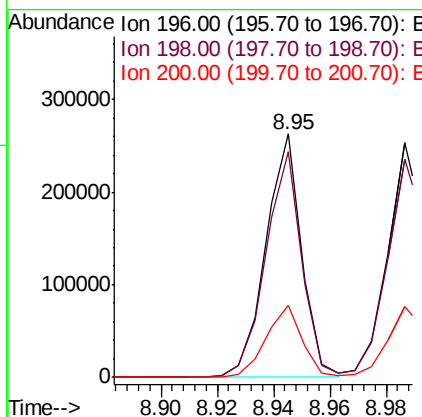
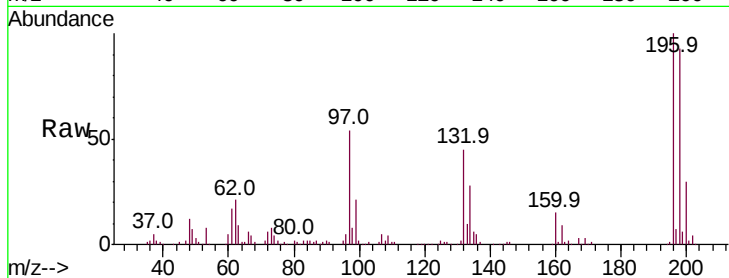




#43
 2,4,6-Trichlorophenol
 Concen: 36.718 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF120164.D
 Acq: 23 Apr 2020 15:37

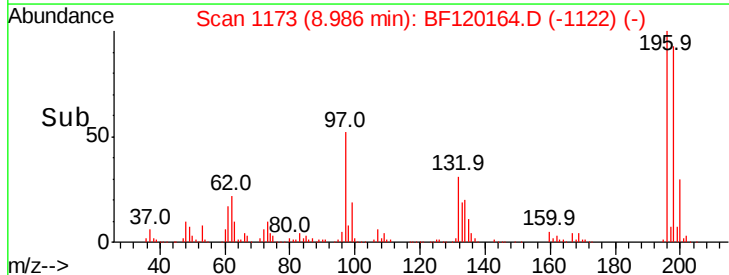
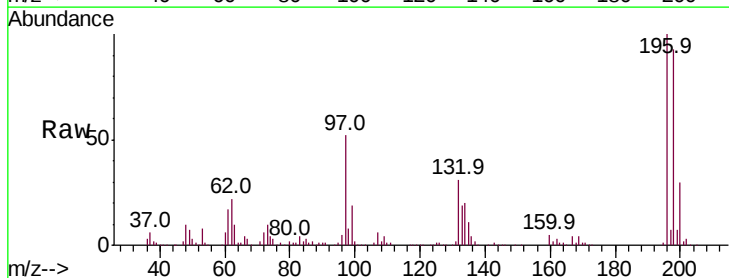
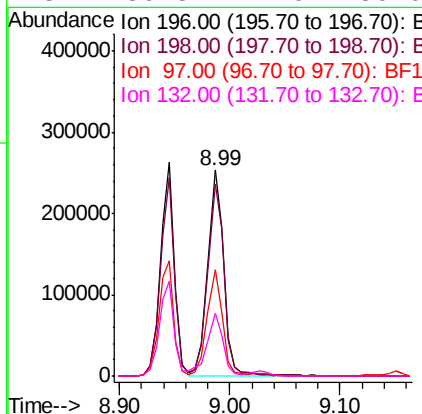
Instrument :
 BNA_F
 ClientSampleId :
 PB128352BS

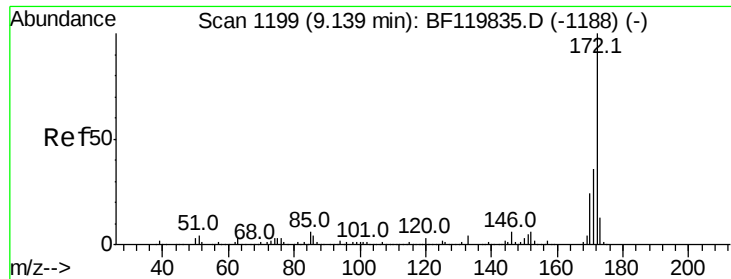
Tot Ion	Ratio	Lower	Upper
196	100		
198	92.6	76.6	115.0
200	29.8	24.6	36.8



#44
 2,4,5-Trichlorophenol
 Concen: 34.802 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: BF120164.D
 Acq: 23 Apr 2020 15:37

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.1	73.8	110.8
97	51.9	42.6	63.8
132	30.8	24.0	36.0

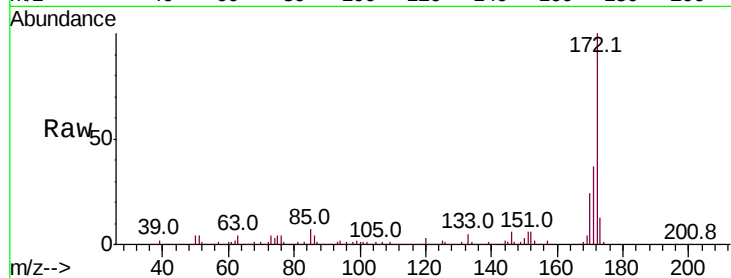




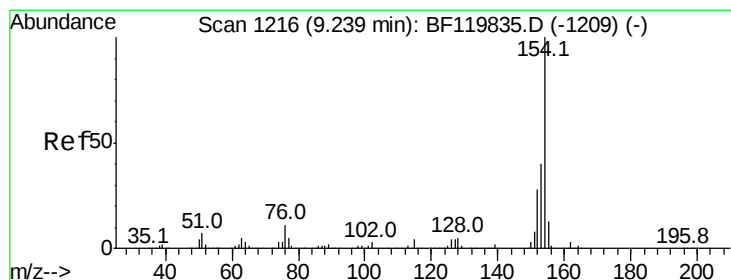
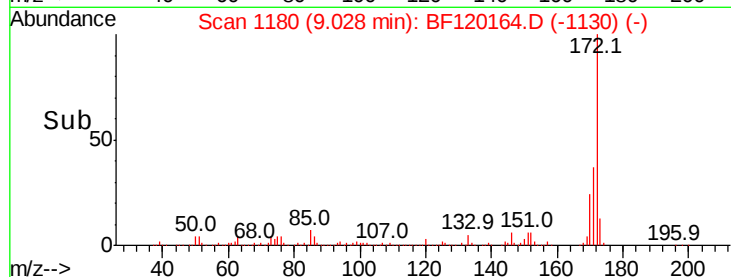
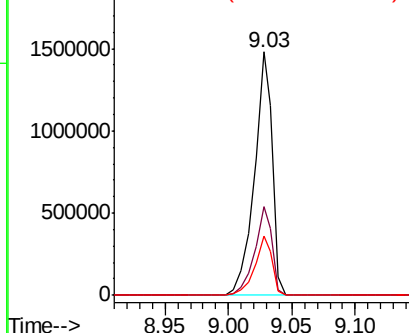
#45
2-Fluorobiphenyl
Concen: 72.356 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Instrument :
BNA_F
ClientSampleId :
PB128352BS

Tot Ion:172 Resp: 1462917
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.2 20.2 30.2

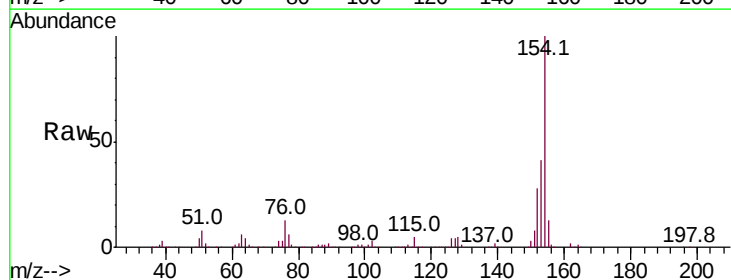


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

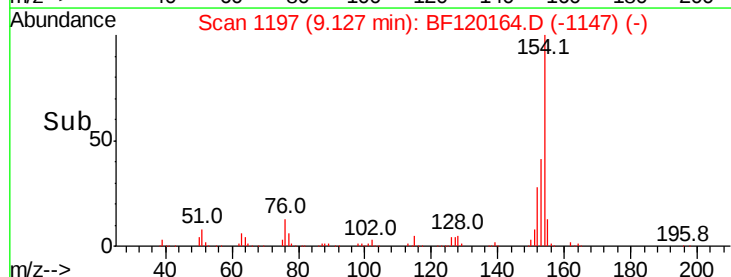
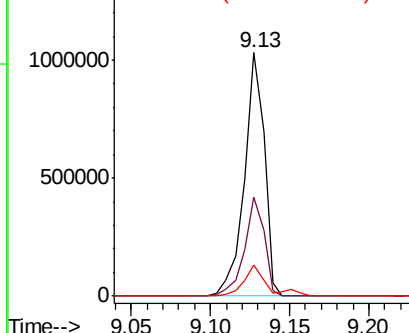


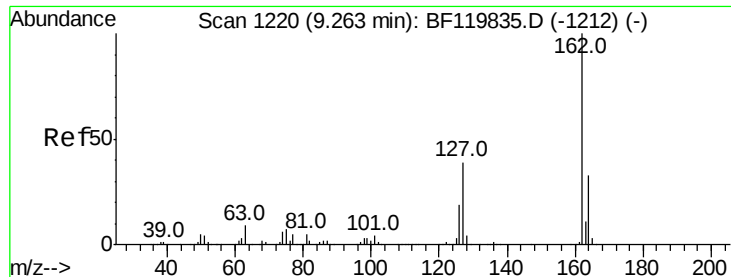
#46
1,1'-Biphenyl
Concen: 37.032 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Tgt Ion:154 Resp: 897251
Ion Ratio Lower Upper
154 100
153 40.9 21.4 61.4
76 12.9 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

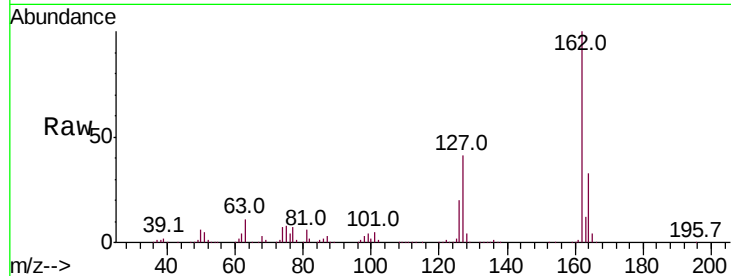




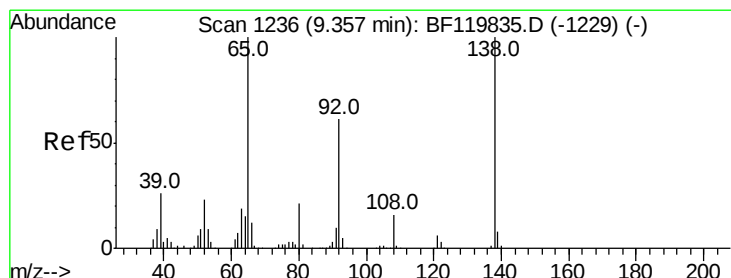
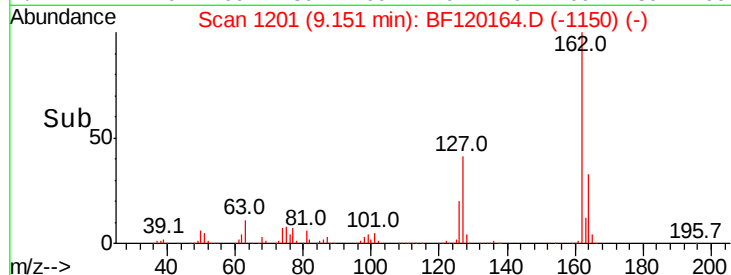
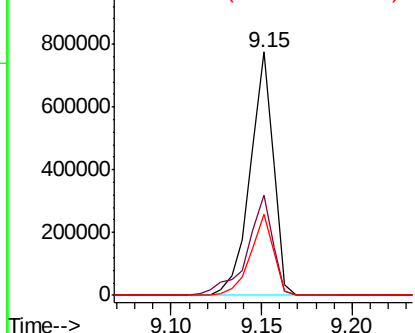
#47
 2-Chloronaphthalene
 Concen: 36.880 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF120164.D
 Acq: 23 Apr 2020 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB128352BS

Tot Ion:162 Resp: 688360
 Ion Ratio Lower Upper
 162 100
 127 41.4 33.7 50.5
 164 33.2 26.3 39.5

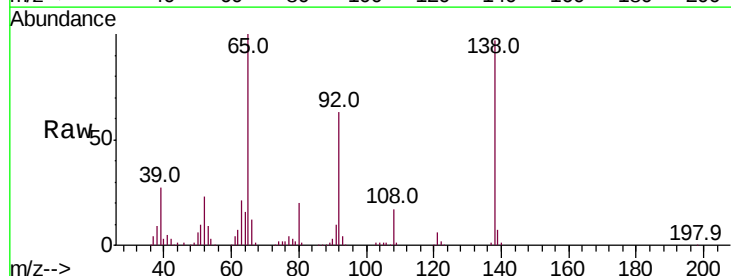


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

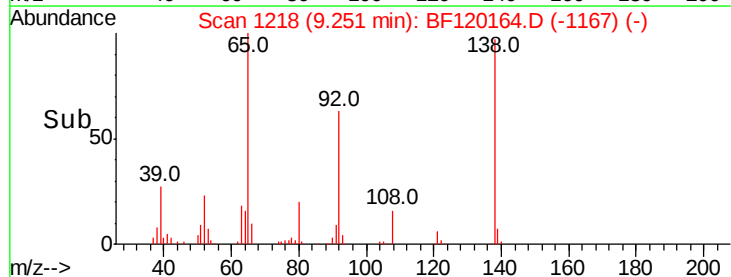
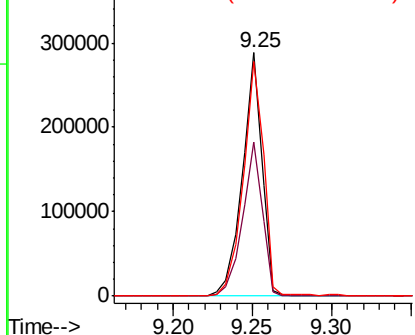


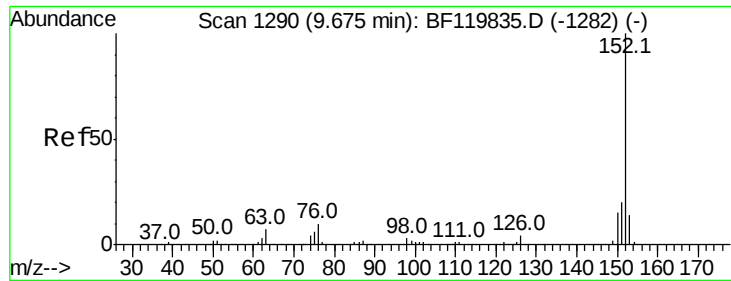
#48
 2-Nitroaniline
 Concen: 36.482 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF120164.D
 Acq: 23 Apr 2020 15:37

Tgt Ion: 65 Resp: 246764
 Ion Ratio Lower Upper
 65 100
 92 63.2 50.0 75.0
 138 96.6 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: 38.889 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

Instrument :

BNA_F

ClientSampleId :

PB128352BS

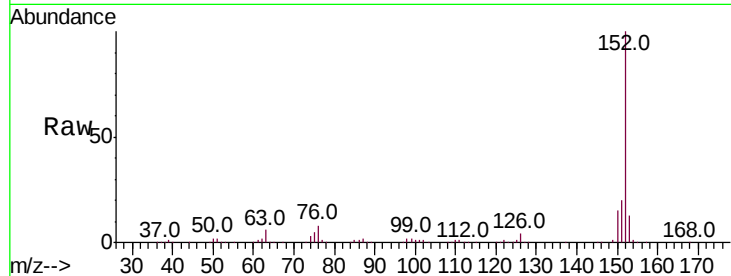
Tot Ion:152 Resp: 1103906

Ion Ratio Lower Upper

152 100

151 20.2 17.2 25.8

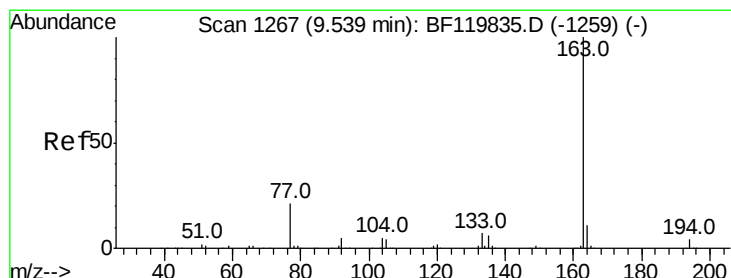
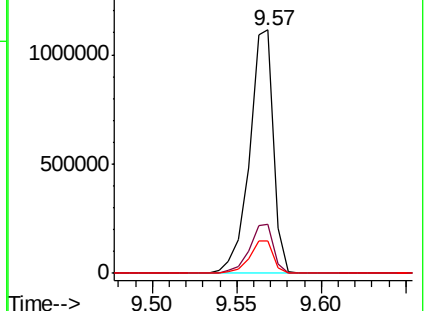
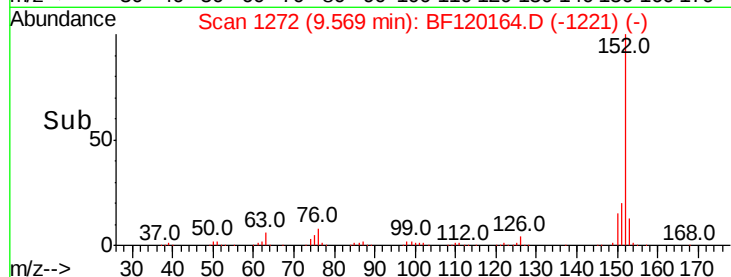
153 13.2 11.2 16.8



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: 37.385 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.00 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

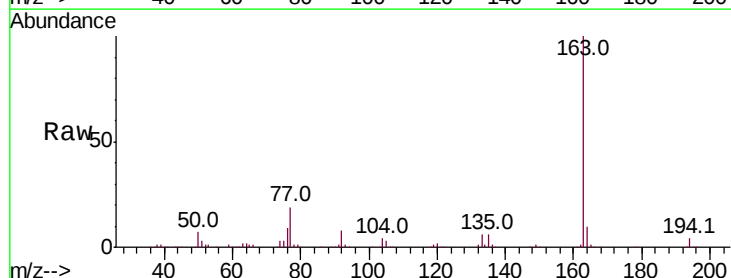
Tgt Ion:163 Resp: 830072

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

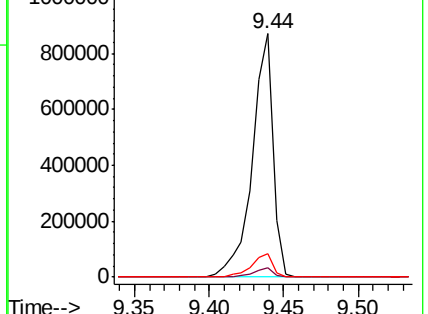
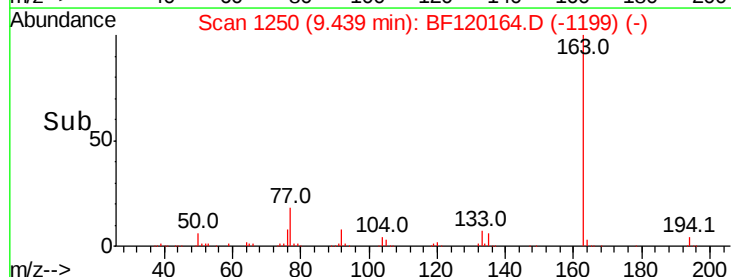
164 9.8 8.2 12.2

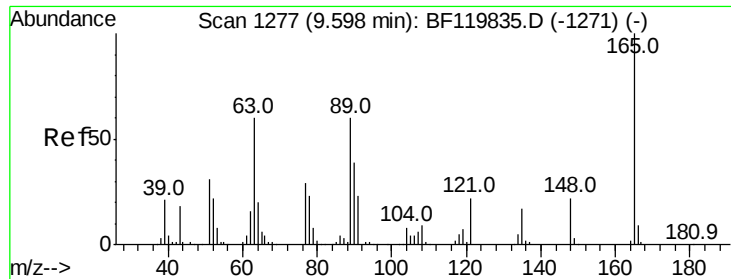


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

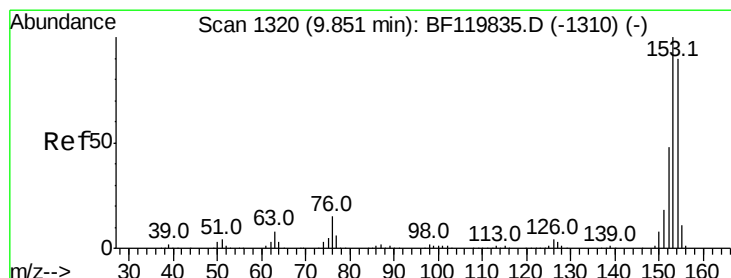
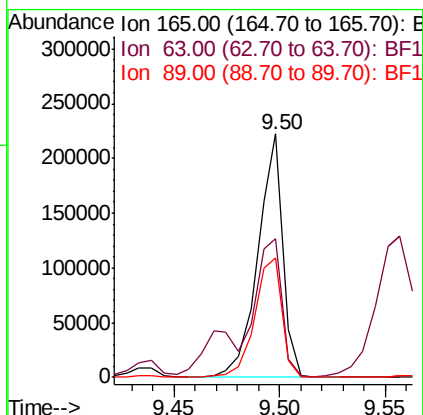
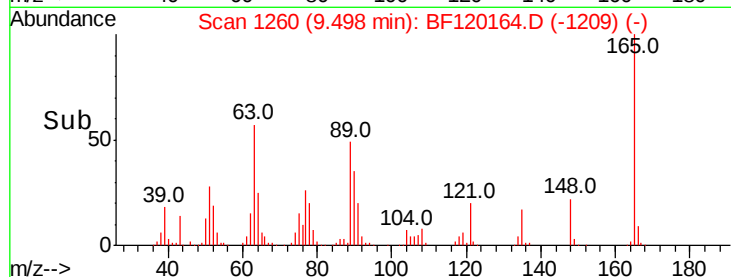
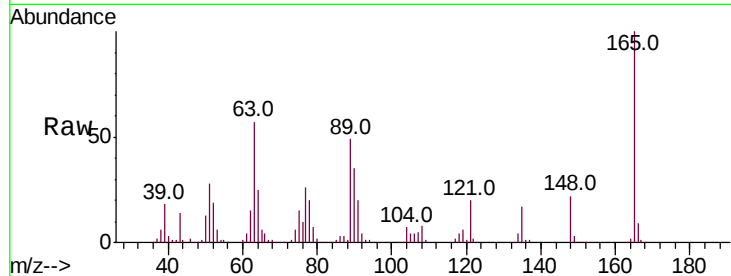




#51
2,6-Dinitrotoluene
Concen: 37.603 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

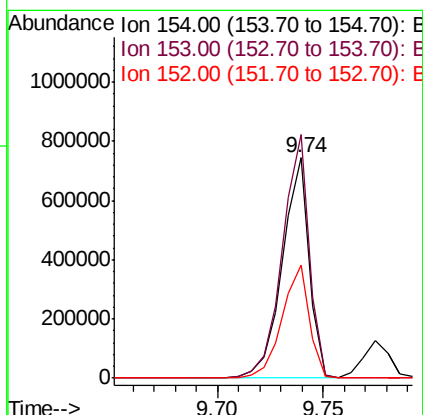
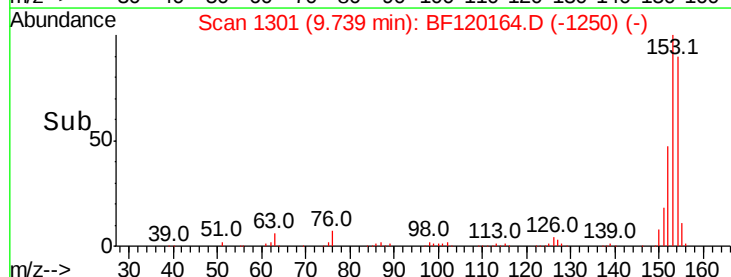
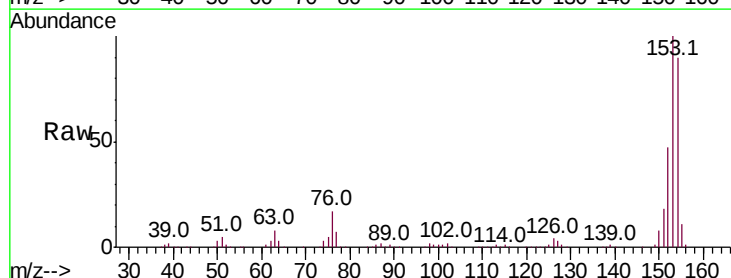
Instrument :
BNA_F
ClientSampleId :
PB128352BS

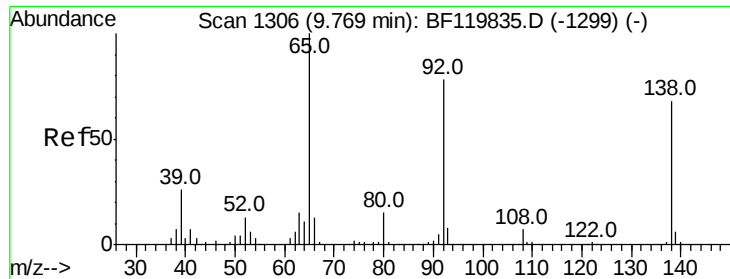
Tot Ion:165 Resp: 182831
Ion Ratio Lower Upper
165 100
63 57.1 45.0 67.4
89 48.9 41.5 62.3



#52
Acenaphthene
Concen: 34.792 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Tgt Ion:154 Resp: 658797
Ion Ratio Lower Upper
154 100
153 110.7 88.1 132.1
152 51.6 43.0 64.4

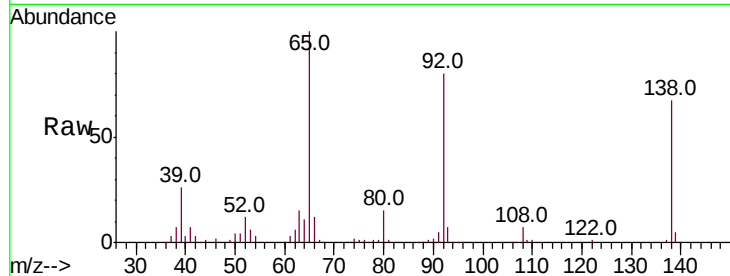




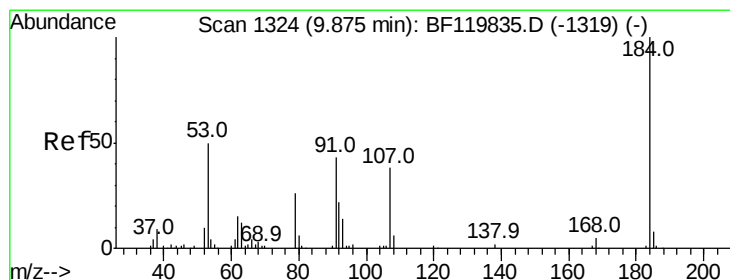
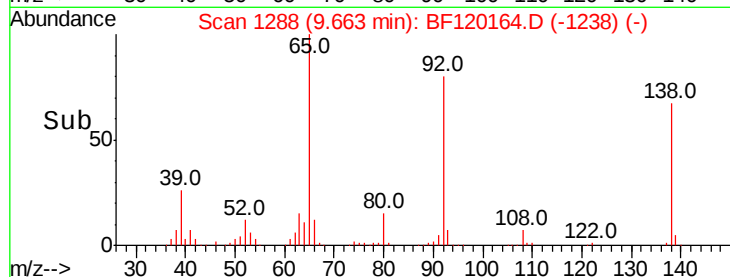
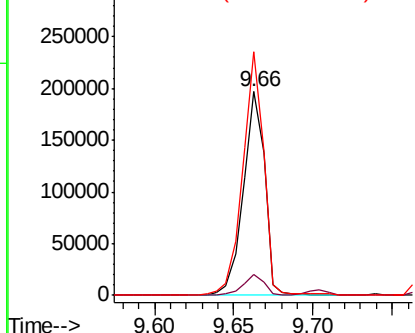
#53
 3-Nitroaniline
 Concen: 32.827 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: BF120164.D
 Acq: 23 Apr 2020 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB128352BS

Tot Ion:138 Resp: 182293
 Ion Ratio Lower Upper
 138 100
 108 10.6 8.6 13.0
 92 119.7 95.4 143.0

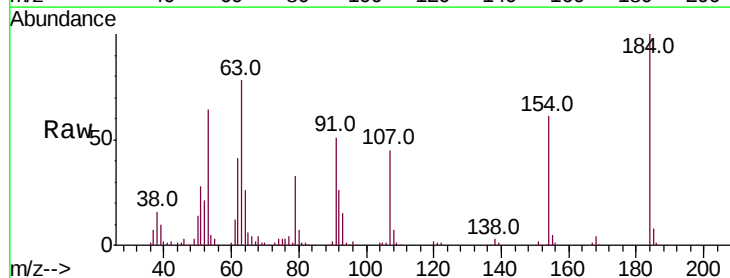


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

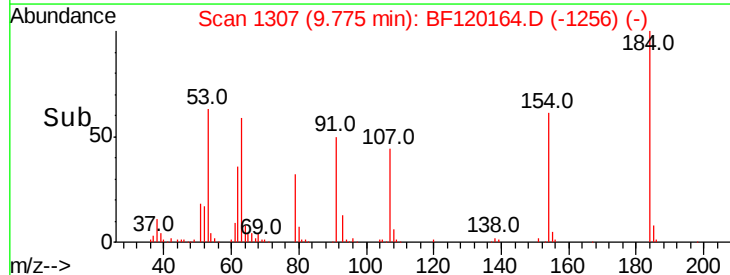
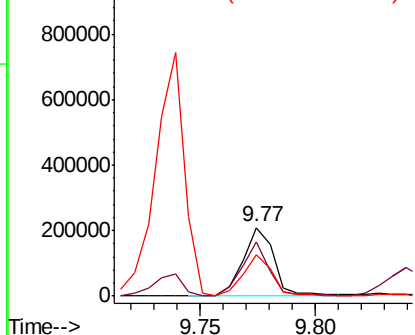


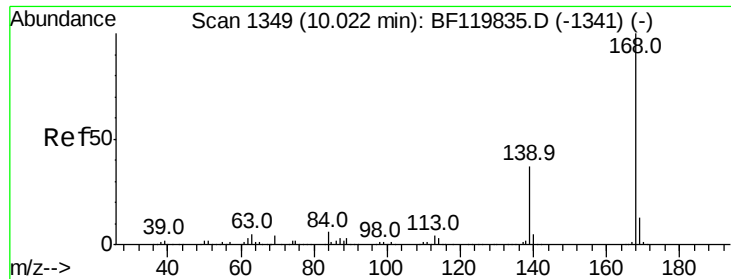
#54
 2,4-Dinitrophenol
 Concen: 67.568 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.00 min
 Lab File: BF120164.D
 Acq: 23 Apr 2020 15:37

Tgt Ion:184 Resp: 196689
 Ion Ratio Lower Upper
 184 100
 63 78.4 50.2 75.4#
 154 60.8 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

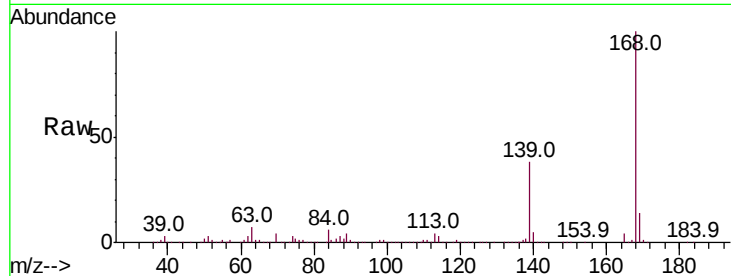




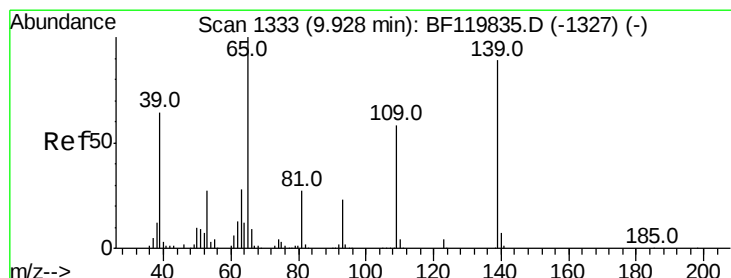
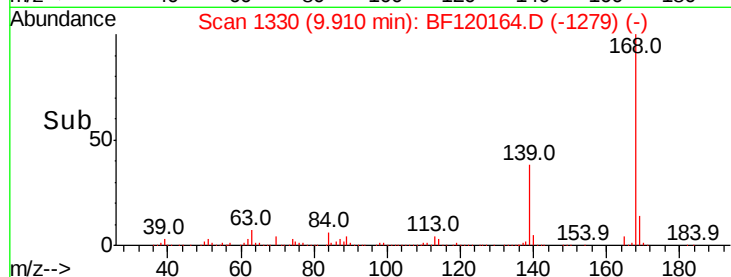
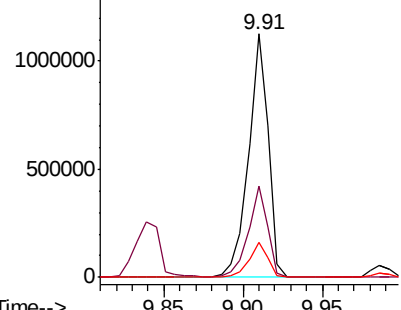
#55
Dibenzofuran
Concen: 37.930 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Instrument :
BNA_F
ClientSampleId :
PB128352BS

Tot Ion:168 Resp: 985575
Ion Ratio Lower Upper
168 100
139 37.6 30.1 45.1
169 14.2 11.0 16.6

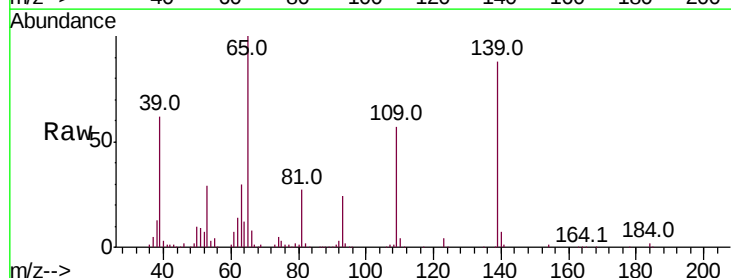


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

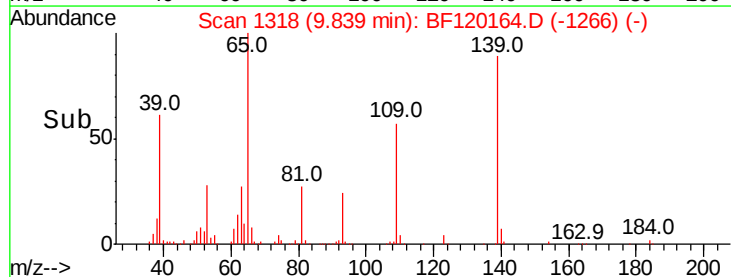
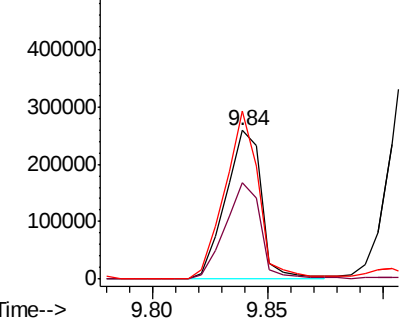


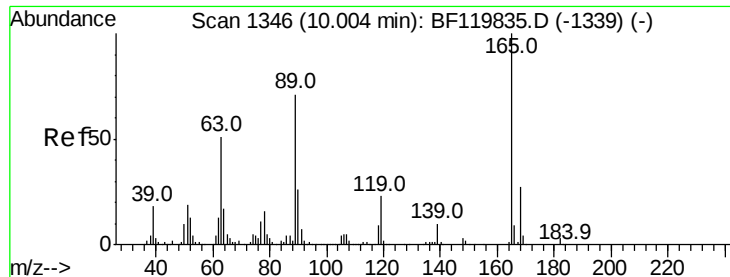
#56
4-Nitrophenol
Concen: 68.383 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Tgt Ion:139 Resp: 282542
Ion Ratio Lower Upper
139 100
109 64.8 43.3 83.3
65 113.1 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: 37.189 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

Instrument :

BNA_F

ClientSampleId :

PB128352BS

Tot Ion:165 Resp: 238234

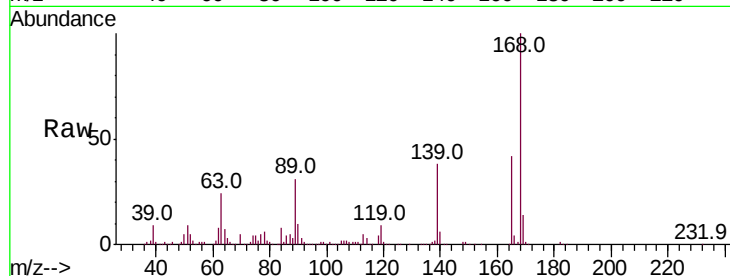
Ion Ratio Lower Upper

165 100

63 57.6 42.6 64.0

89 73.4 61.0 91.4

182 2.8 2.2 3.2

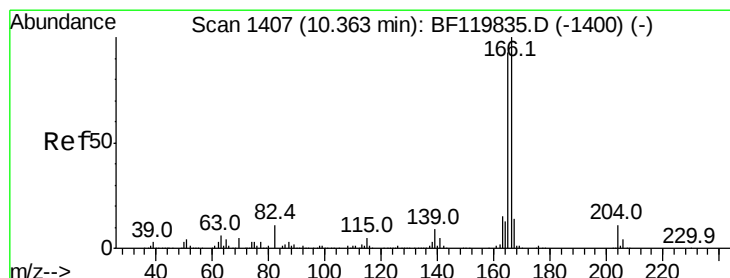
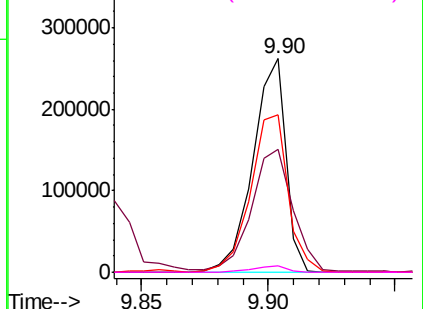
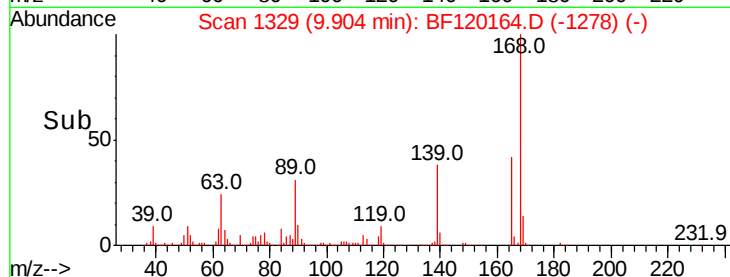


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 37.663 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

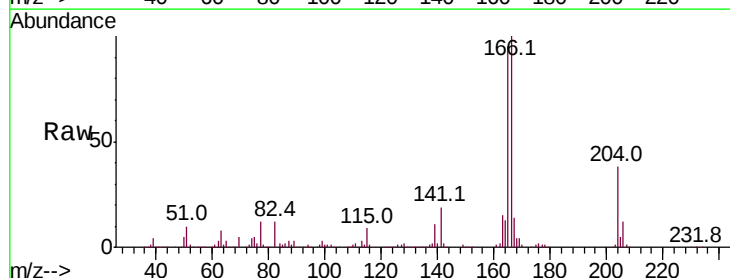
Tgt Ion:166 Resp: 782659

Ion Ratio Lower Upper

166 100

165 95.0 75.4 113.2

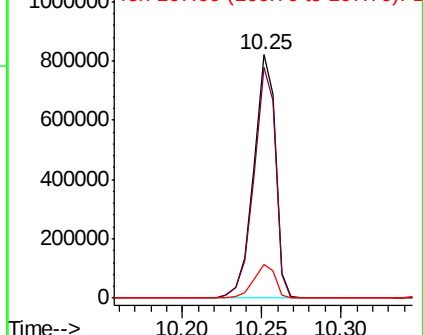
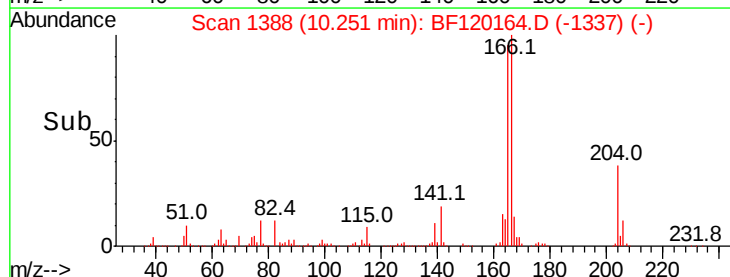
167 14.1 11.2 16.8

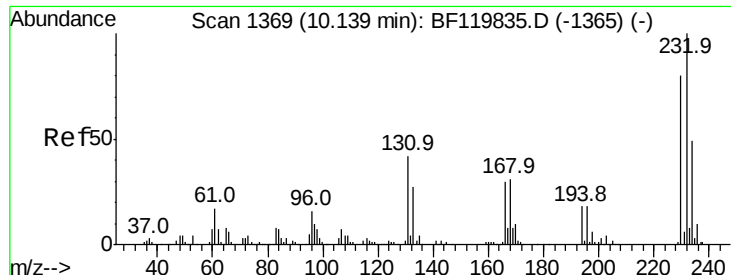


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

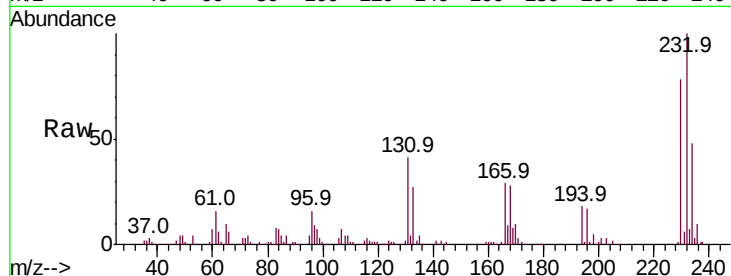




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.953 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. -0.00 min
 Lab File: BF120164.D
 Acq: 23 Apr 2020 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB128352BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.9	37.5	56.3
130	1.9	1.8	2.6
166	30.6	24.6	36.8



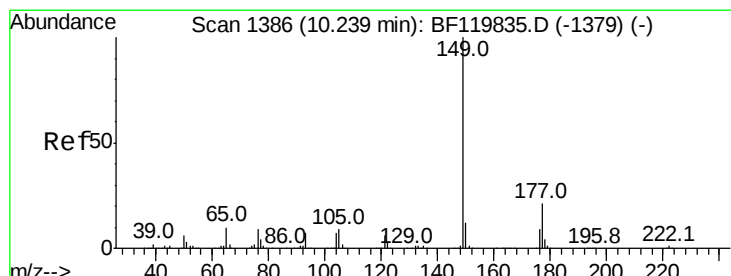
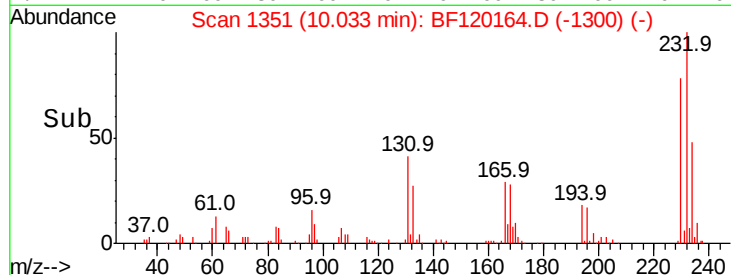
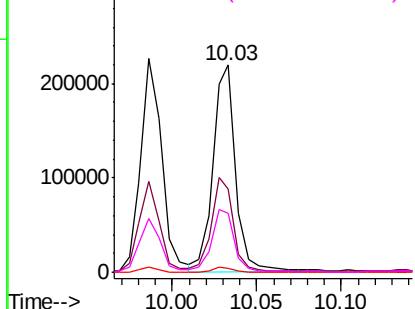
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

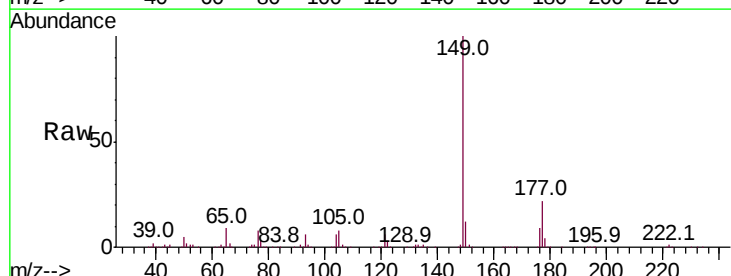
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 36.997 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: BF120164.D
 Acq: 23 Apr 2020 15:37

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.0	25.6
150	12.0	10.1	15.1

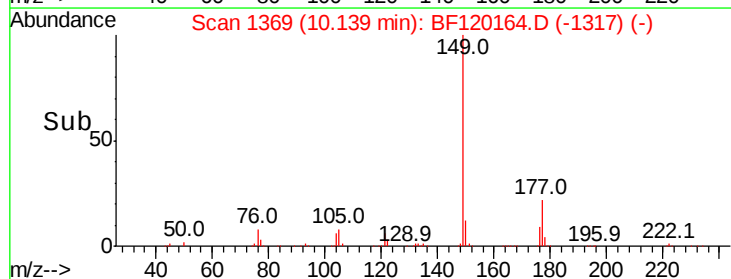
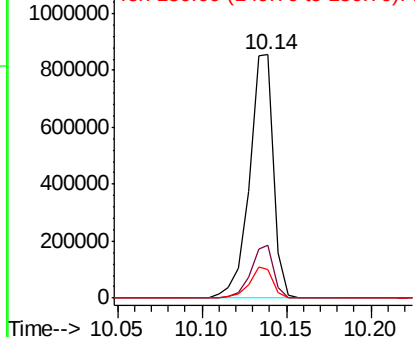


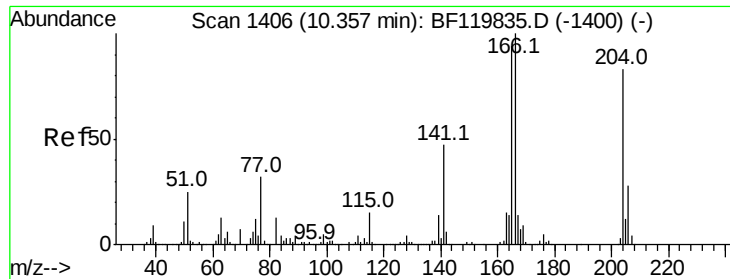
Abundance

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

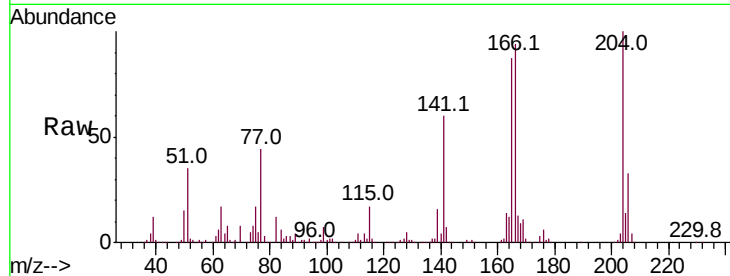




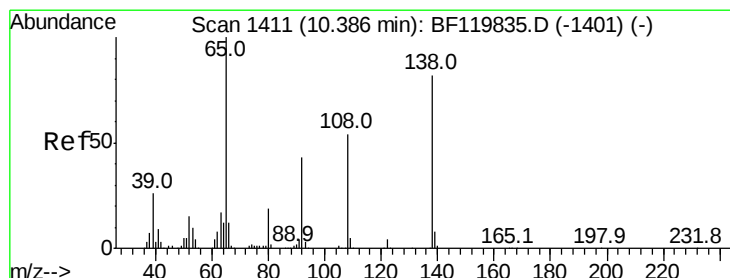
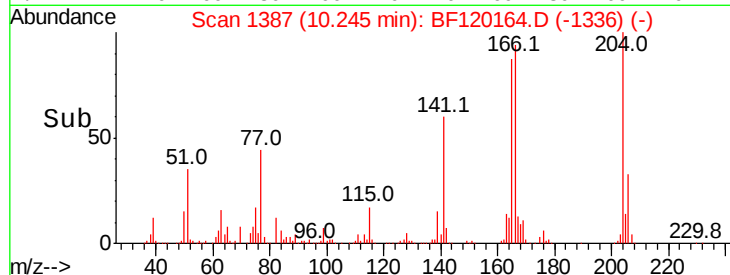
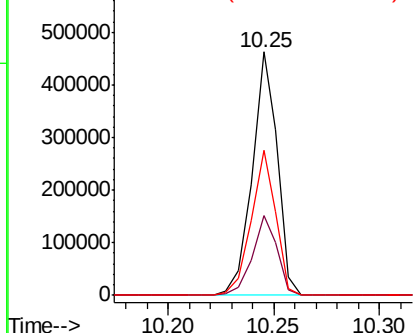
#61
 4-Chlorophenyl-phenylether
 Concen: 35.915 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: BF120164.D
 Acq: 23 Apr 2020 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB128352BS

Tot Ion:204 Resp: 382526
 Ion Ratio Lower Upper
 204 100
 206 33.0 26.7 40.1
 141 59.6 47.3 70.9

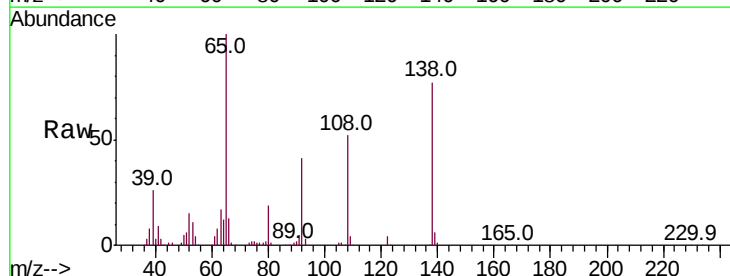


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

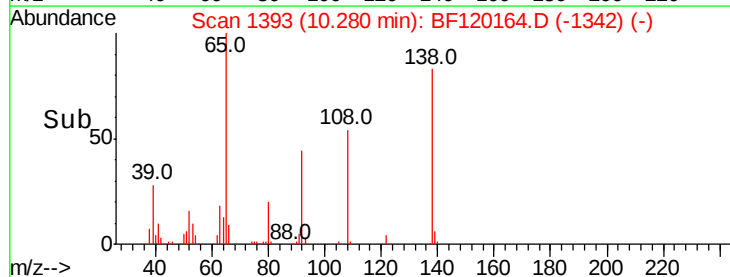
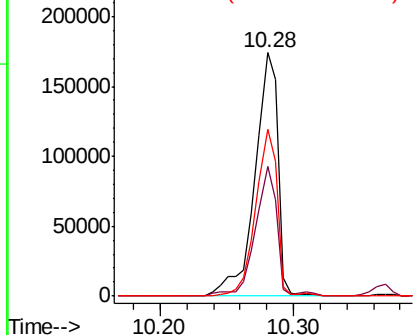


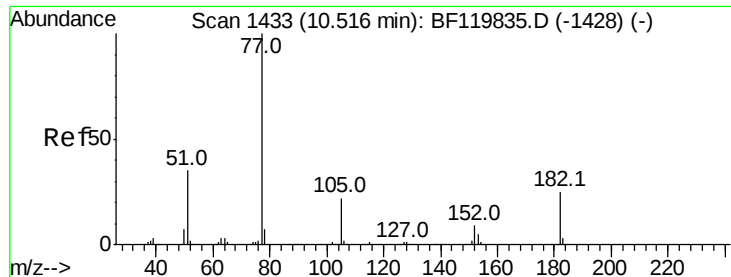
#62
 4-Nitroaniline
 Concen: 38.661 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: BF120164.D
 Acq: 23 Apr 2020 15:37

Tgt Ion:138 Resp: 204597
 Ion Ratio Lower Upper
 138 100
 92 53.3 31.5 71.5
 108 68.5 45.8 85.8



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 38.985 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.00 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

Instrument :

BNA_F

ClientSampleId :

PB128352BS

Tot Ion: 77 Resp: 803996

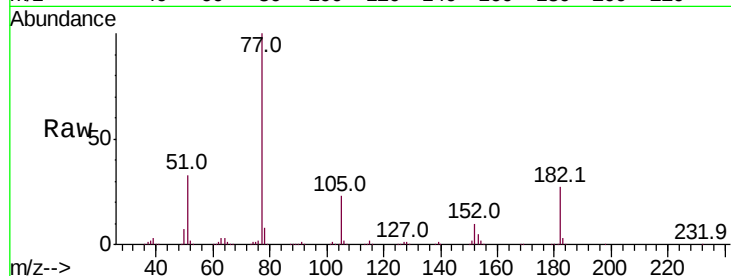
Ion Ratio Lower Upper

77 100

182 27.5 4.4 44.4

105 22.9 2.6 42.6

51 32.9 15.1 55.1

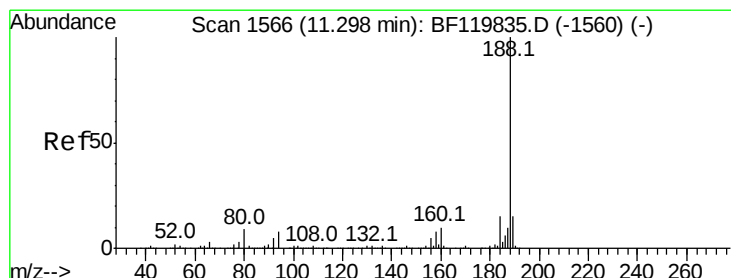
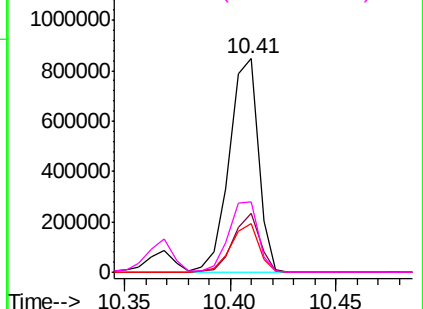
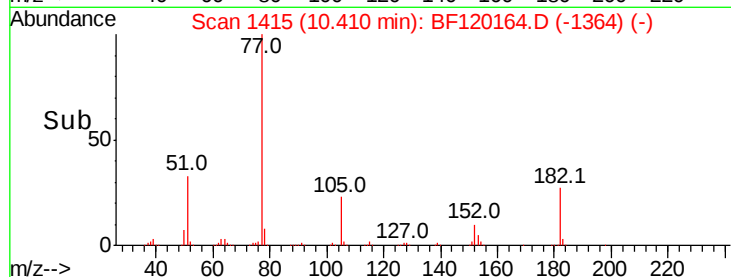


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.00 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

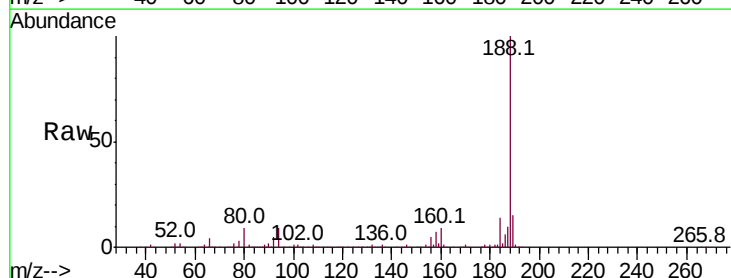
Tgt Ion: 188 Resp: 557451

Ion Ratio Lower Upper

188 100

94 8.6 7.5 11.3

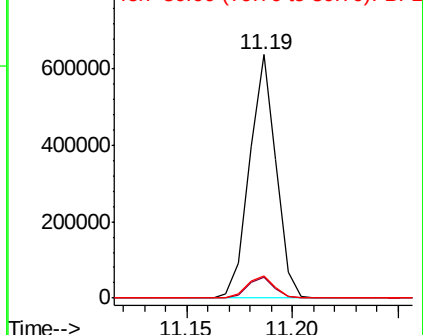
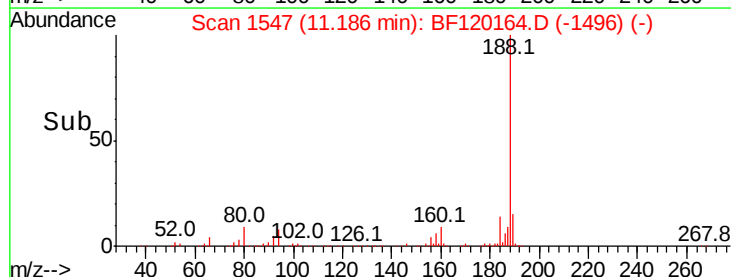
80 9.1 9.0 13.4

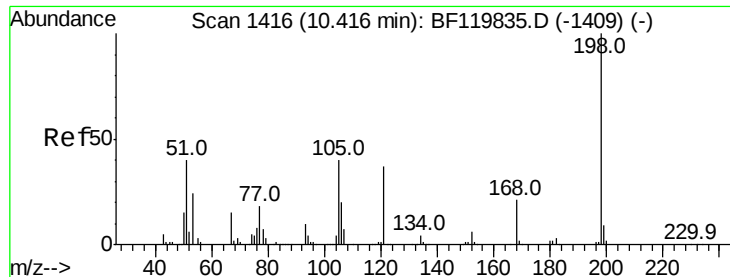


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

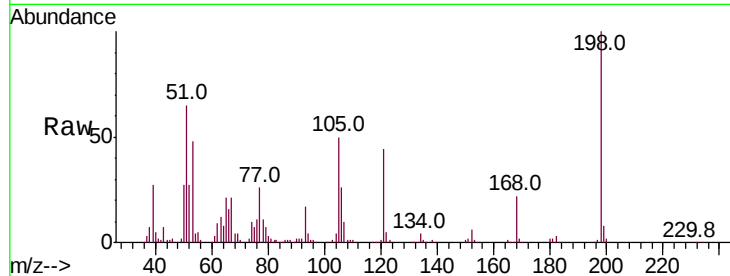




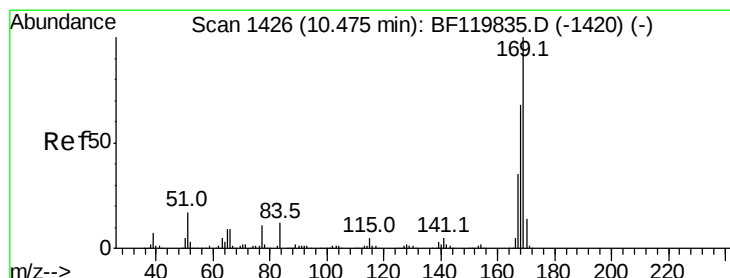
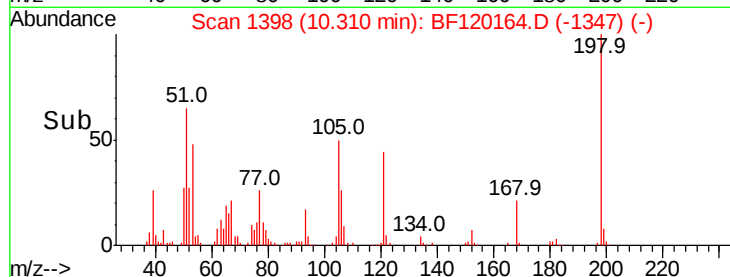
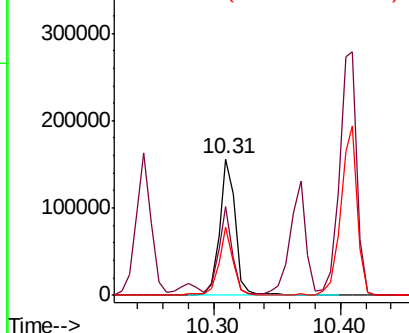
#65
4,6-Dinitro-2-methylphenol
Concen: 37.389 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Instrument :
BNA_F
ClientSampleId :
PB128352BS

Tot Ion:198 Resp: 137313
Ion Ratio Lower Upper
198 100
51 64.8 29.0 69.0
105 49.8 22.2 62.2

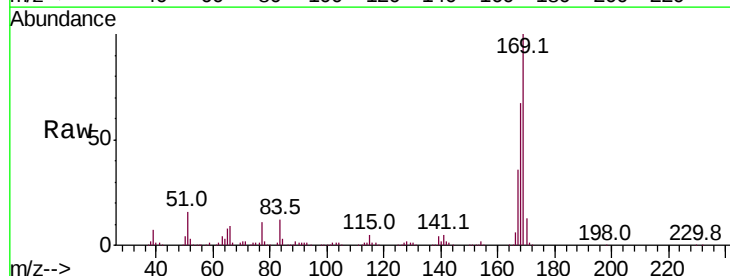


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

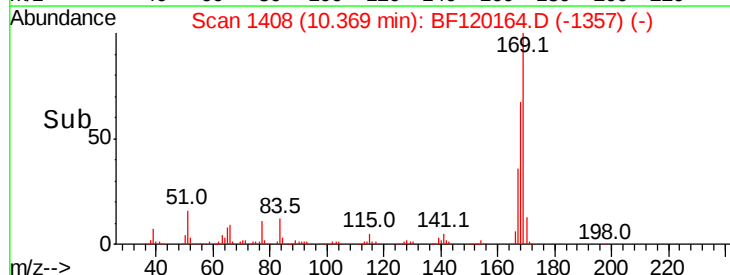
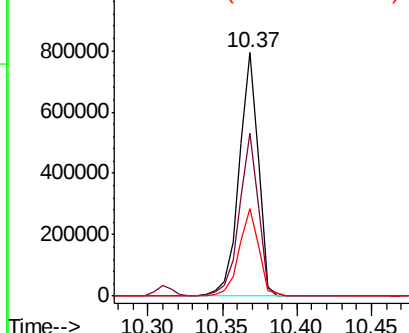


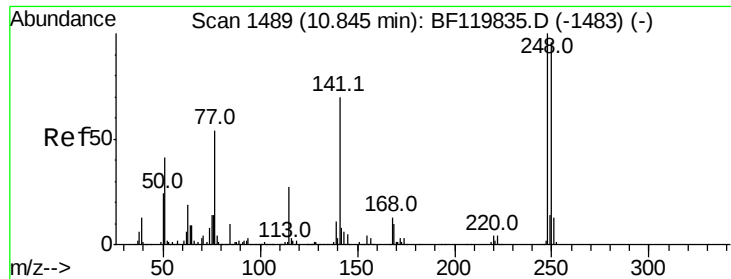
#66
n-Nitrosodiphenylamine
Concen: 38.201 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Tgt Ion:169 Resp: 708221
Ion Ratio Lower Upper
169 100
168 67.1 53.2 79.8
167 36.2 29.1 43.7



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

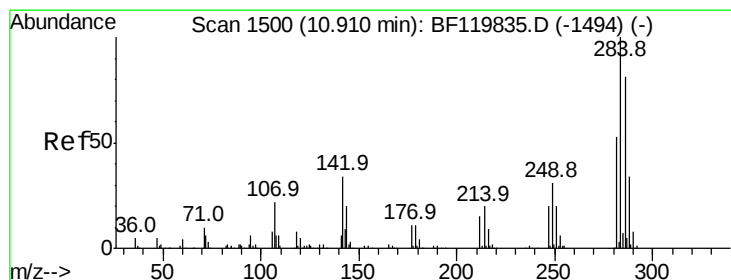
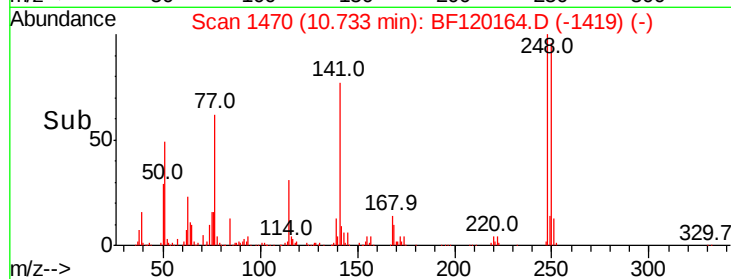
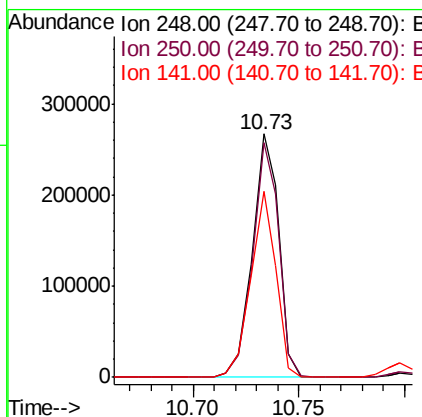
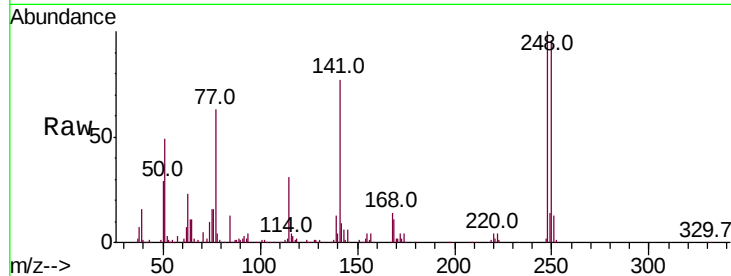




#67
 4-Bromophenyl-phenylether
 Concen: 33.674 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: BF120164.D
 Acq: 23 Apr 2020 15:37

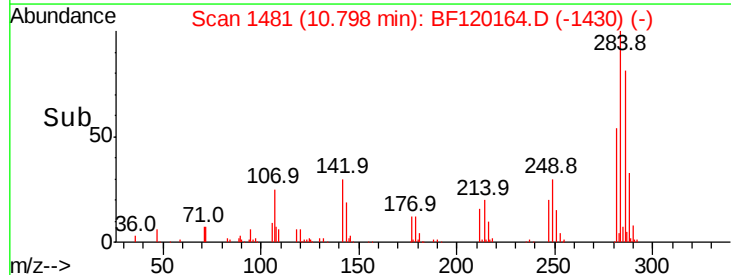
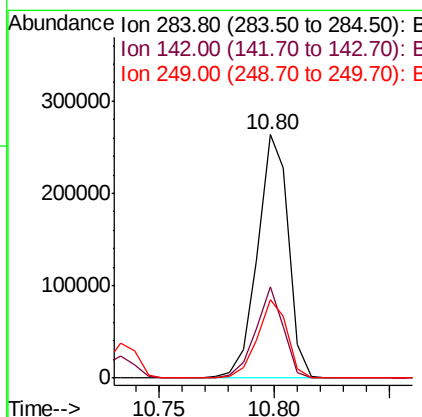
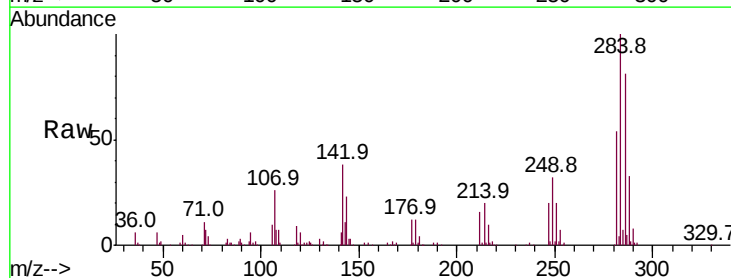
Instrument :
 BNA_F
 ClientSampleId :
 PB128352BS

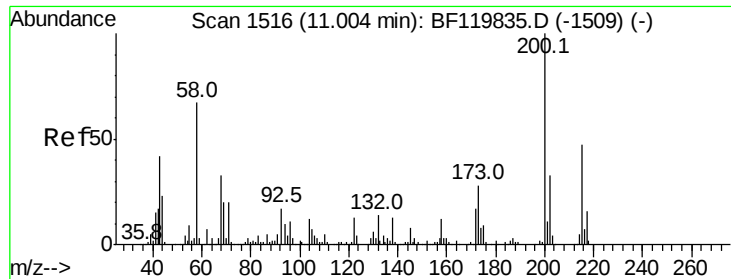
Tot	Ion:248	Resp:	233447
Ion	Ratio	Lower	Upper
248	100		
250	96.5	77.3	115.9
141	76.6	58.6	87.8



#68
 Hexachlorobenzene
 Concen: 34.892 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF120164.D
 Acq: 23 Apr 2020 15:37

Tgt	Ion:284	Resp:	245385
Ion	Ratio	Lower	Upper
284	100		
142	37.6	29.2	43.8
249	32.2	25.1	37.7





#69

Atrazine

Concen: 42.463 ng

RT: 10.90 min Scan# 1498

Delta R.T. -0.00 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

Instrument :

BNA_F

ClientSampled :

PB128352BS

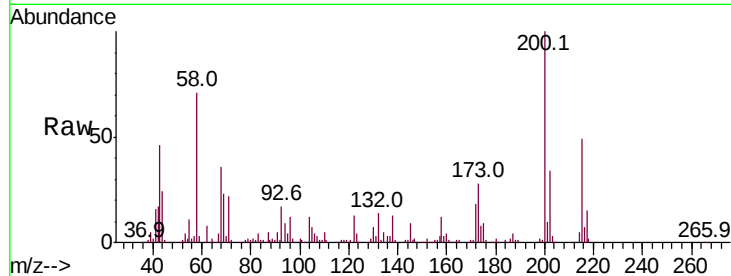
Tot Ion:200 Resp: 219034

Ion Ratio Lower Upper

200 100

173 28.4 9.3 49.3

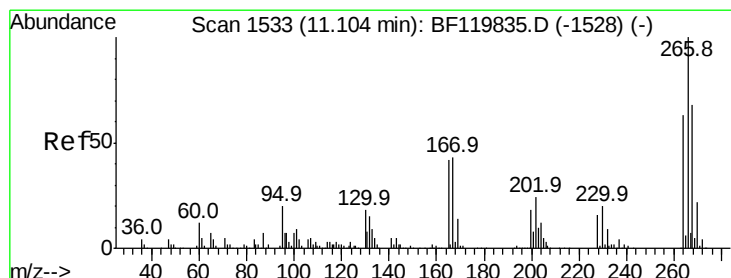
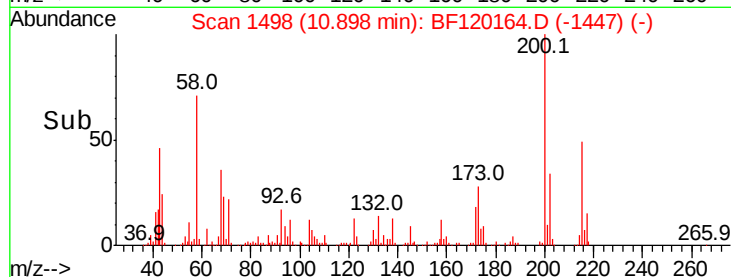
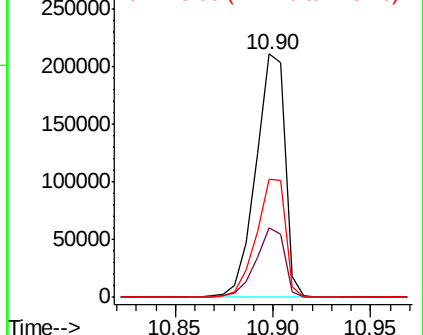
215 48.6 29.5 69.5



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: 60.730 ng

RT: 11.00 min Scan# 1515

Delta R.T. 0.01 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

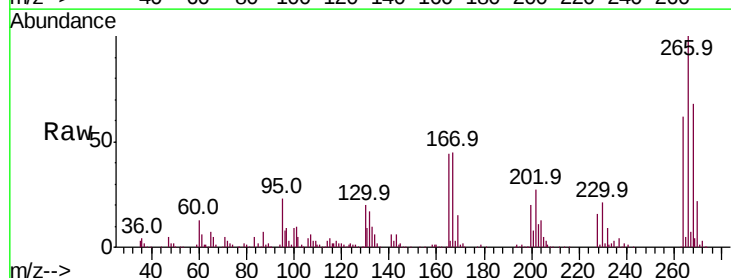
Tgt Ion:266 Resp: 246126

Ion Ratio Lower Upper

266 100

268 67.9 53.3 79.9

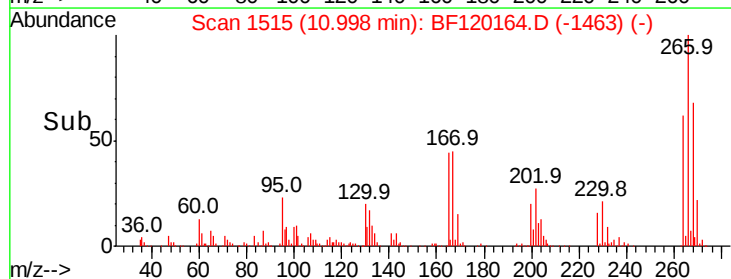
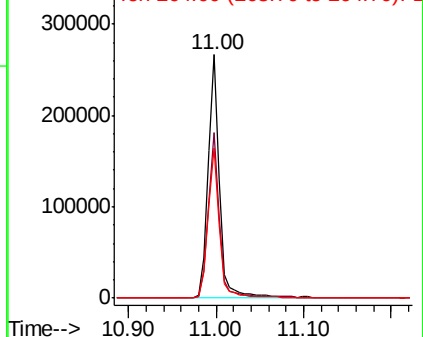
264 61.7 49.0 73.4

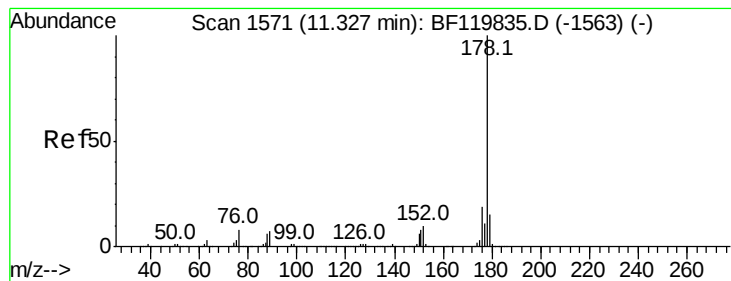


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.694 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.01 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

Instrument :

BNA_F

ClientSampleId :

PB128352BS

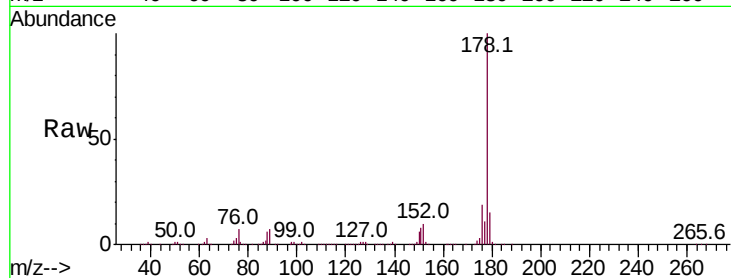
Tot Ion:178 Resp: 1118318

Ion Ratio Lower Upper

178 100

176 19.3 16.2 24.4

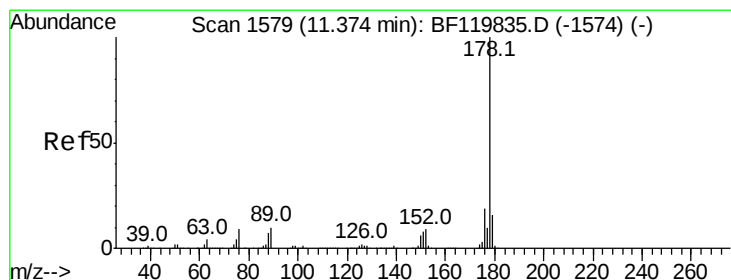
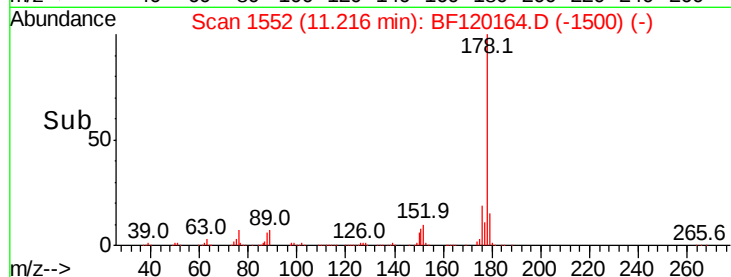
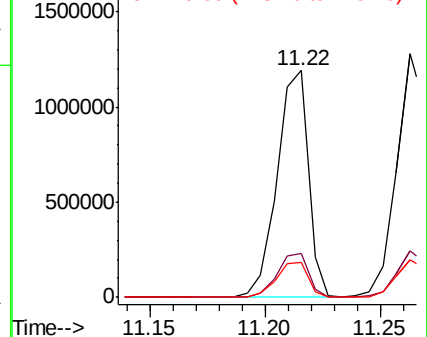
179 15.2 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.561 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

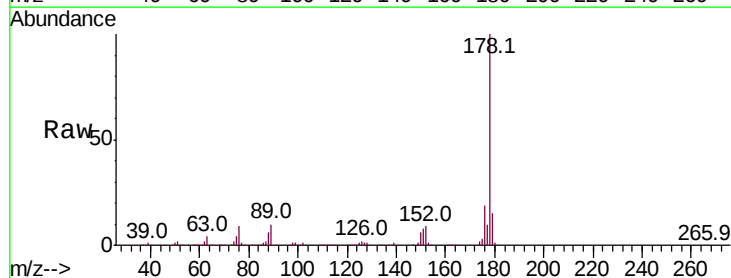
Tgt Ion:178 Resp: 1168709

Ion Ratio Lower Upper

178 100

176 19.1 16.1 24.1

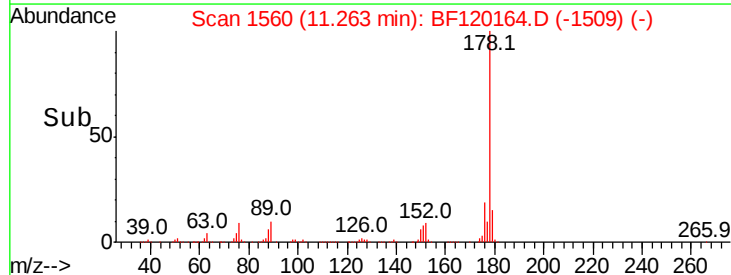
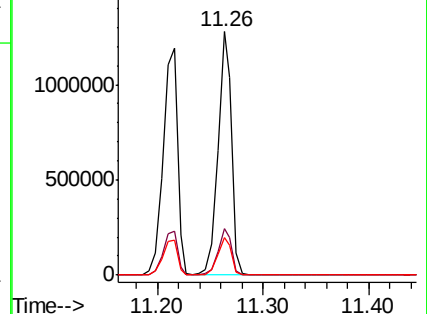
179 15.5 13.0 19.4

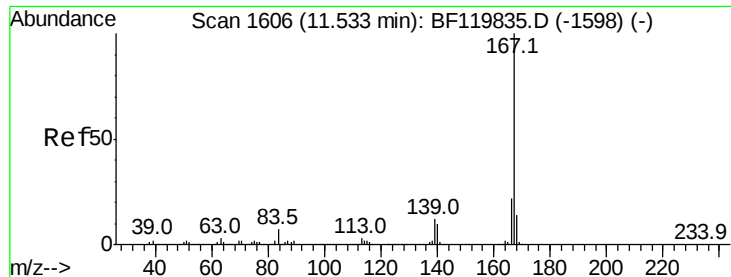


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



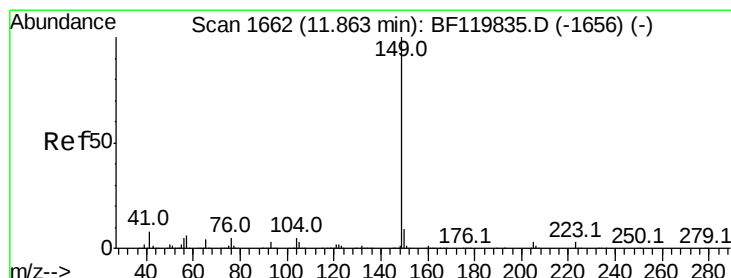
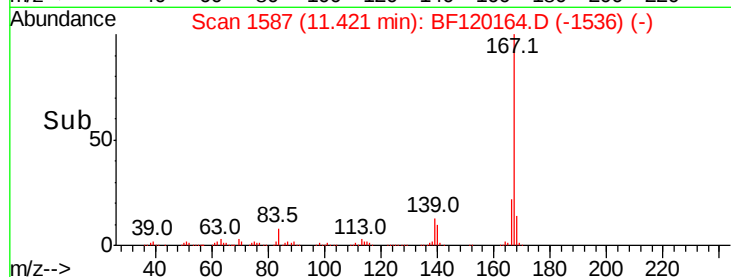
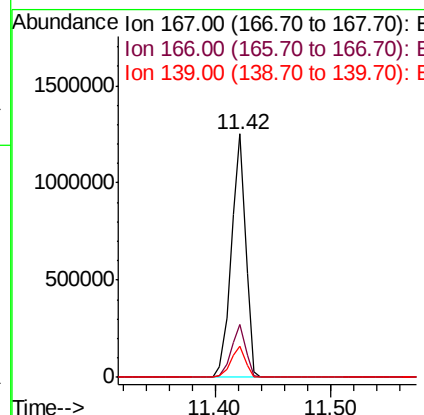
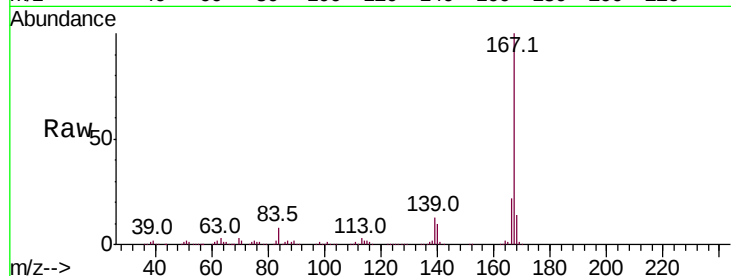


#73
 Carbazole
 Concen: 37.436 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: BF120164.D
 Acq: 23 Apr 2020 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB128352BS

Tot Ion:167 Resp: 1072967

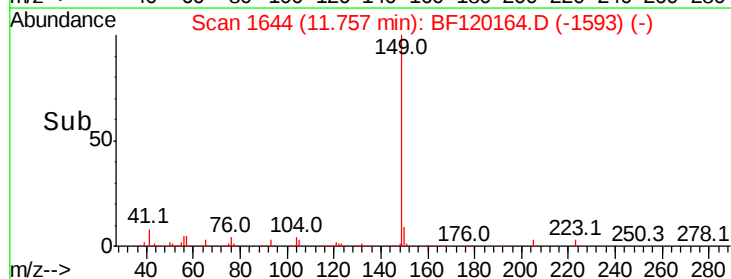
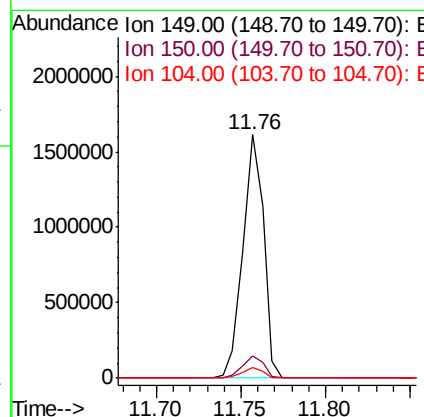
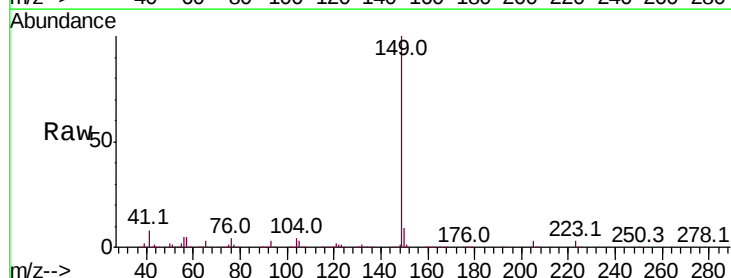
Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.2	27.4
139	12.9	10.7	16.1

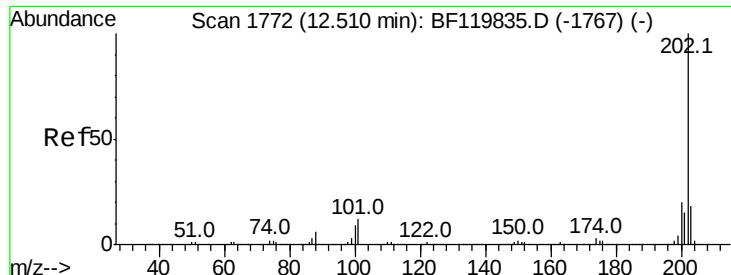


#74
 Di-n-butylphthalate
 Concen: 36.523 ng
 RT: 11.76 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BF120164.D
 Acq: 23 Apr 2020 15:37

Tgt Ion:149 Resp: 1376102

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.8
104	4.4	3.6	5.4



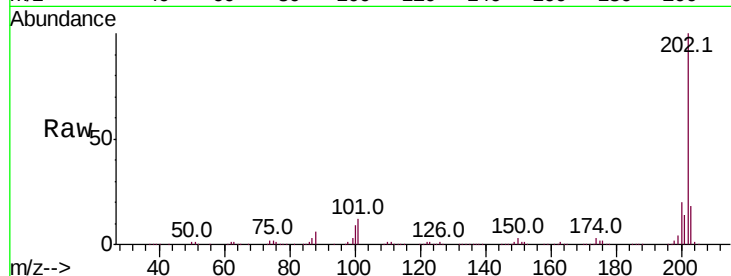


#75
 Fluoranthene
 Concen: 38.926 ng
 RT: 12.40 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BF120164.D
 Acq: 23 Apr 2020 15:37

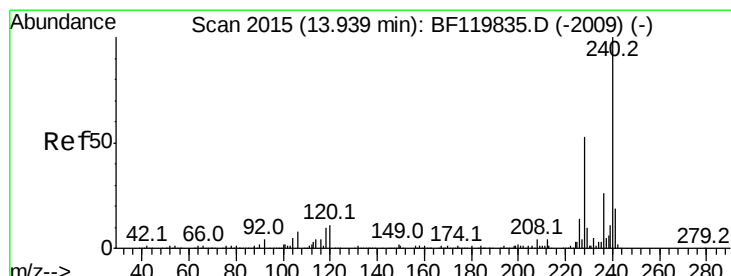
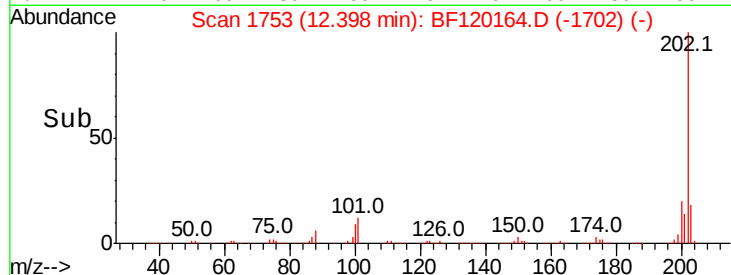
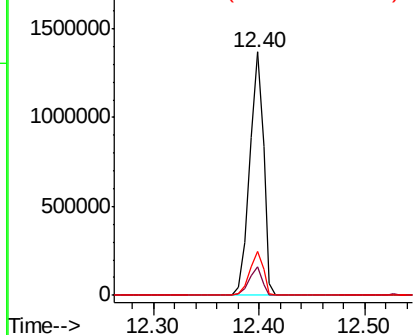
Instrument :
 BNA_F
 ClientSampleId :
 PB128352BS

Tot Ion:202 Resp: 1246079

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	32.2
203	18.1	0.0	38.8



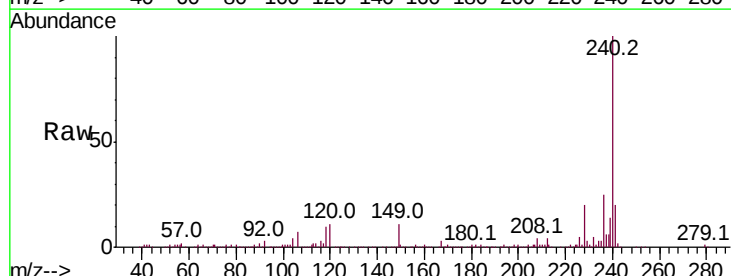
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



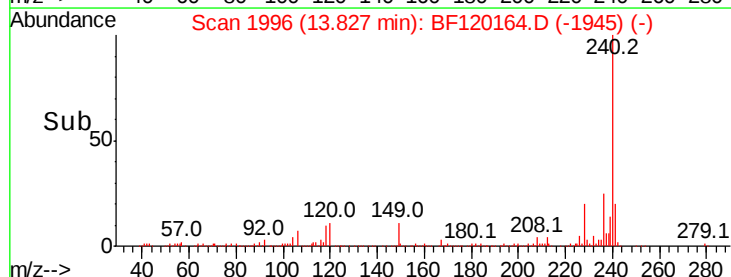
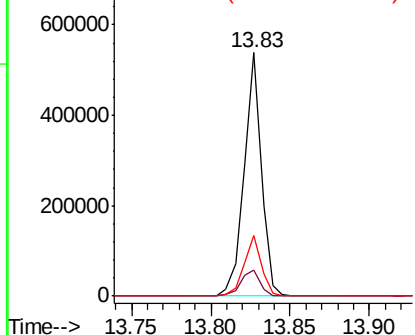
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.00 min
 Lab File: BF120164.D
 Acq: 23 Apr 2020 15:37

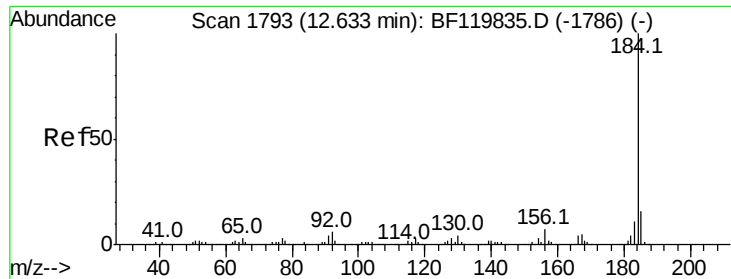
Tgt Ion:240 Resp: 404734

Ion	Ratio	Lower	Upper
240	100		
120	10.8	10.6	15.8
236	24.8	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: 80.612 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.01 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

Instrument :

BNA_F

ClientSampleId :

PB128352BS

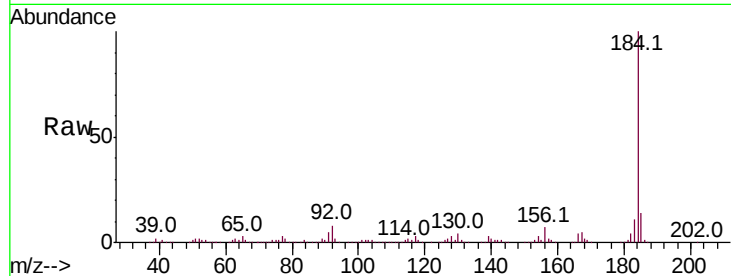
Tot Ion:184 Resp: 1102868

Ion Ratio Lower Upper

184 100

185 14.4 12.3 18.5

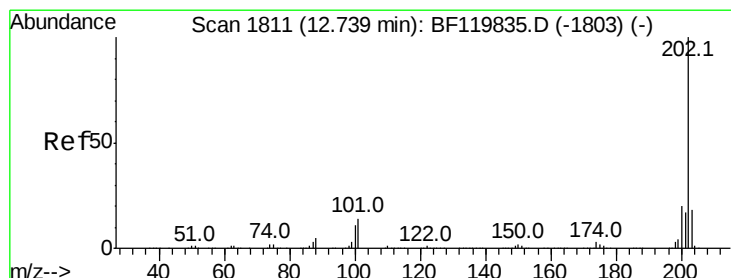
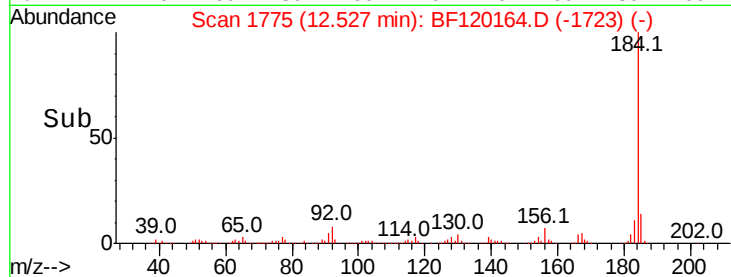
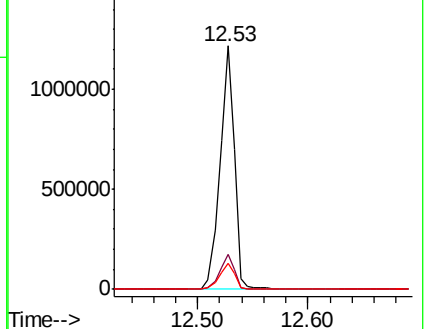
183 10.9 9.0 13.6



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: 36.419 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

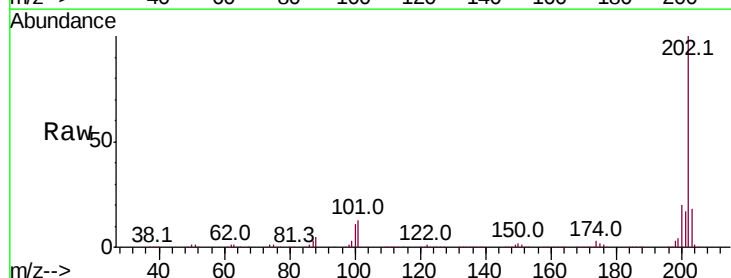
Tgt Ion:202 Resp: 1242613

Ion Ratio Lower Upper

202 100

200 20.4 16.8 25.2

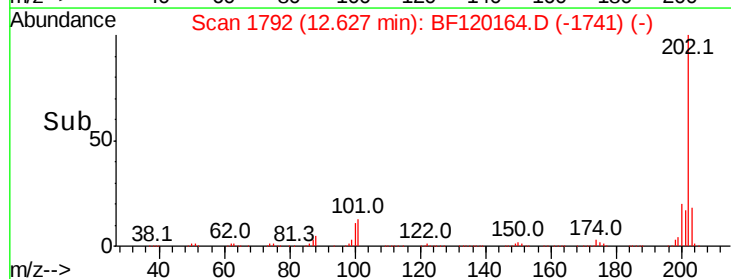
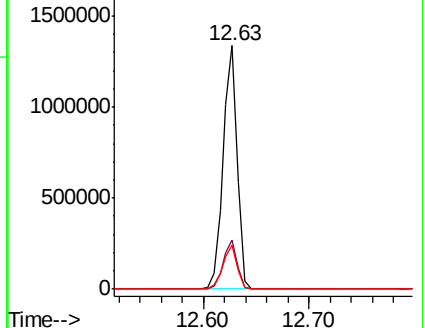
203 18.0 15.1 22.7

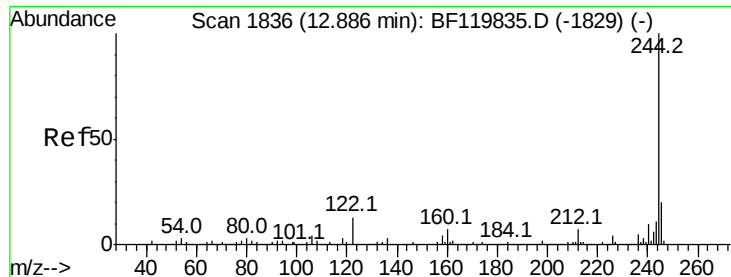


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 69.364 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

Instrument :

BNA_F

ClientSampleId :

PB128352BS

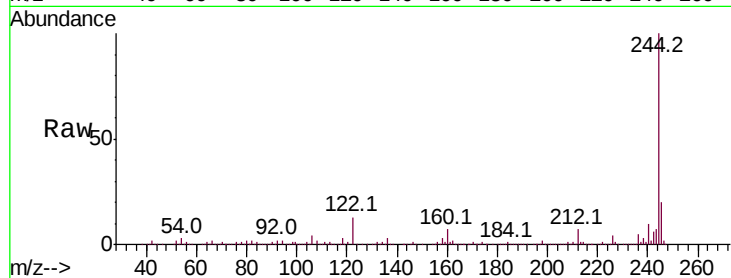
Tot Ion:244 Resp: 1668435

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

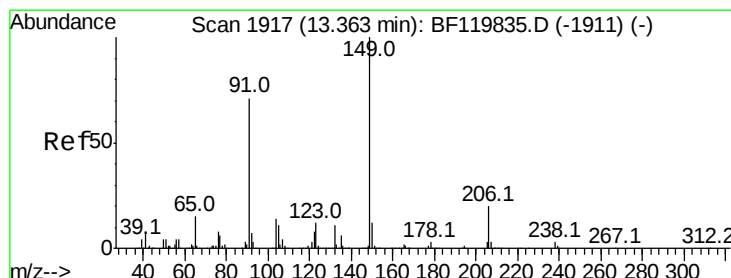
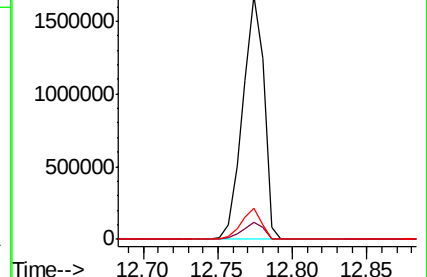
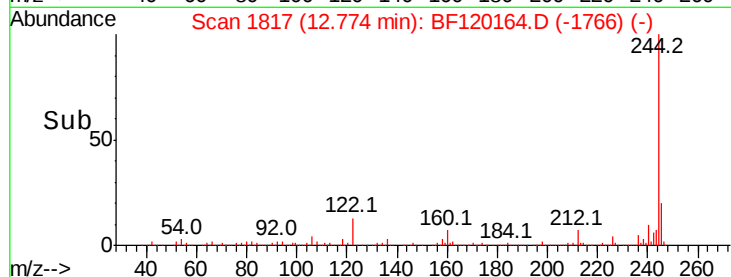
122 13.0 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 34.778 ng

RT: 13.25 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

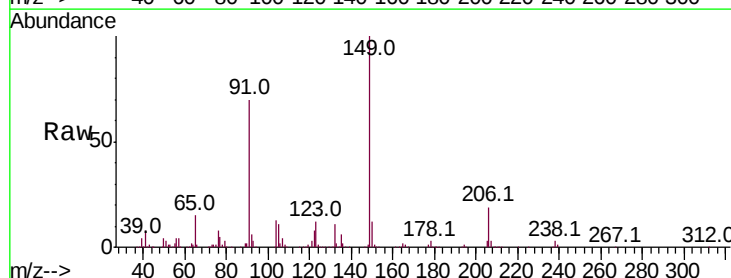
Tgt Ion:149 Resp: 575782

Ion Ratio Lower Upper

149 100

91 70.3 54.7 82.1

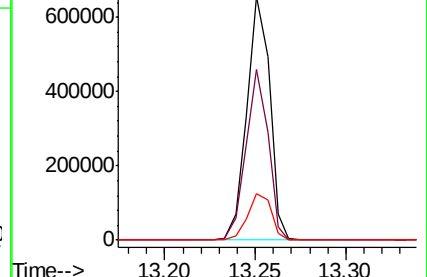
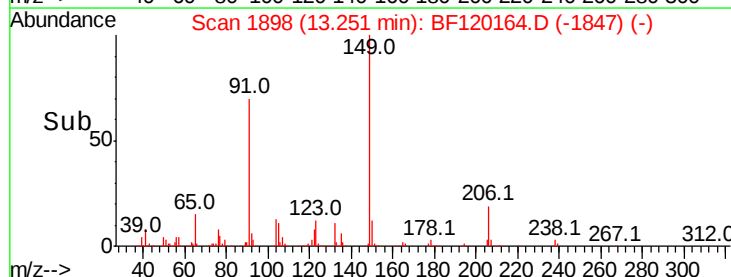
206 19.3 16.2 24.2



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: 37.988 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

Instrument :

BNA_F

ClientSampled :

PB128352BS

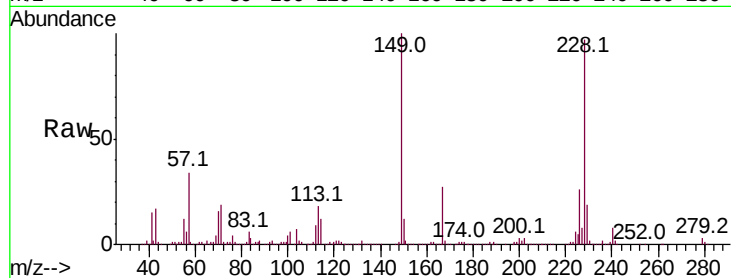
Tot Ion:228 Resp: 1011466

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

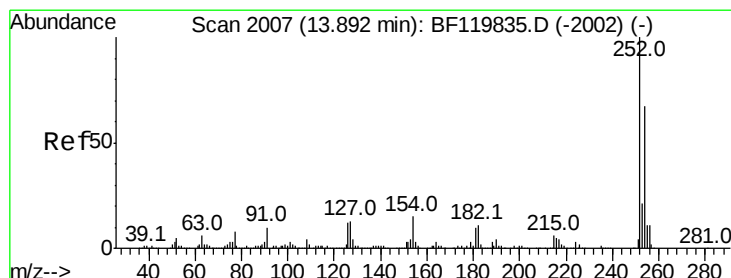
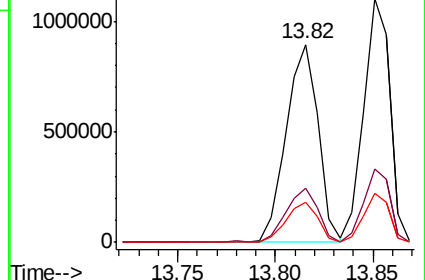
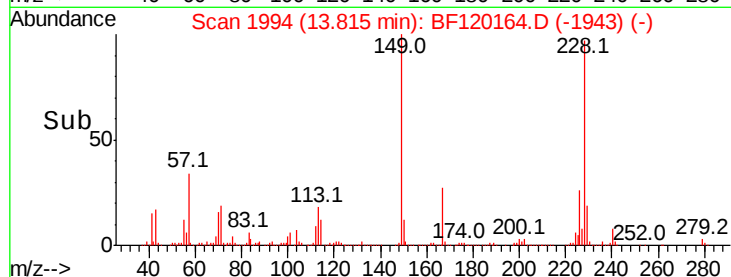
229 20.1 16.2 24.4



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: 33.398 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

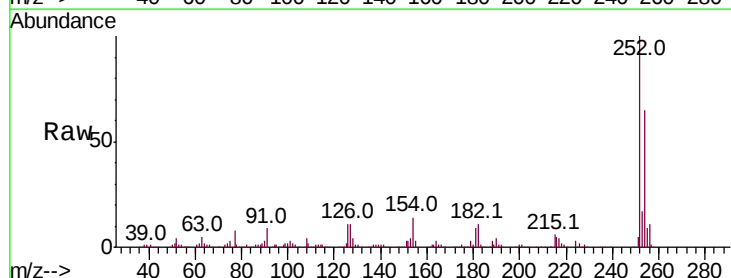
Tgt Ion:252 Resp: 331802

Ion Ratio Lower Upper

252 100

254 64.9 51.2 76.8

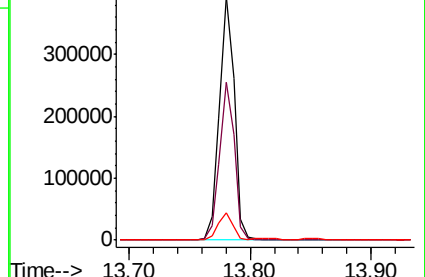
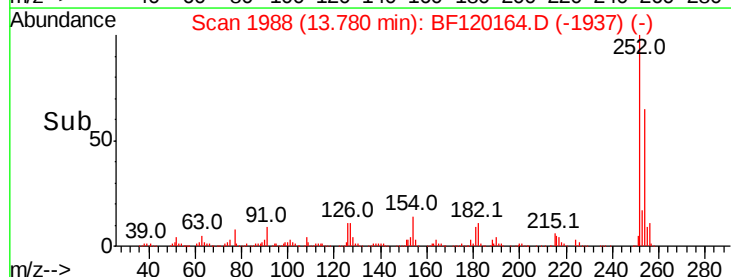
126 11.2 9.6 14.4

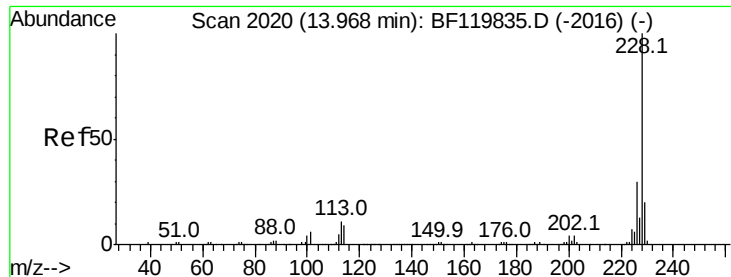


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.833 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.00 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

Instrument :

BNA_F

ClientSampleId :

PB128352BS

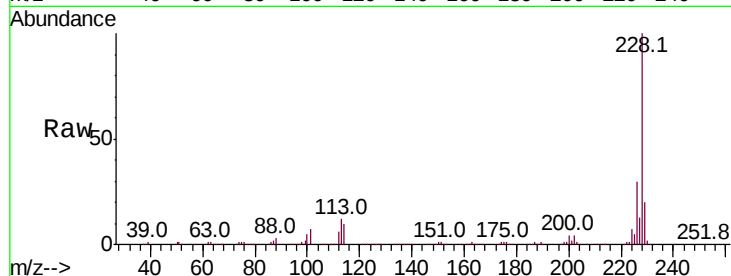
Tot Ion:228 Resp: 1023545

Ion Ratio Lower Upper

228 100

226 29.9 25.4 38.0

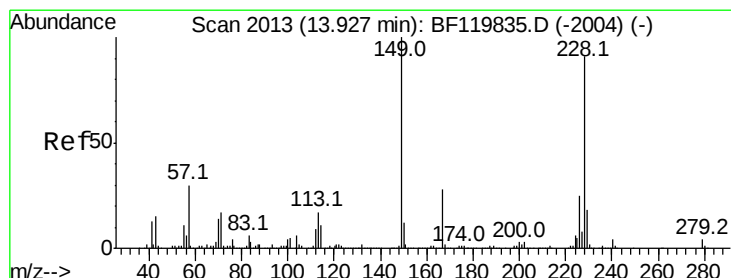
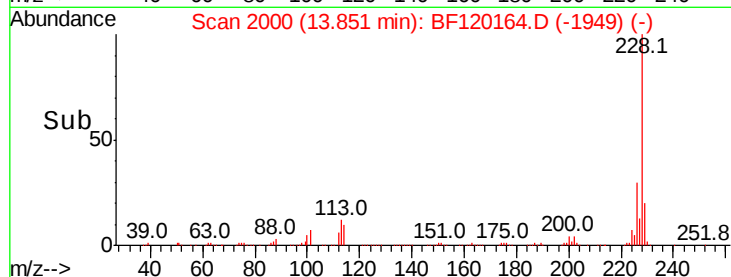
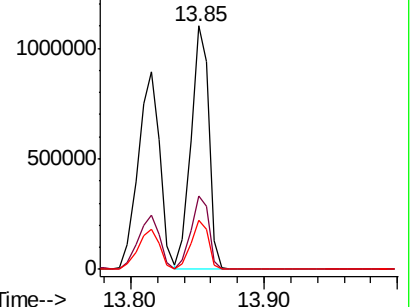
229 20.0 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

1500000 Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 34.807 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

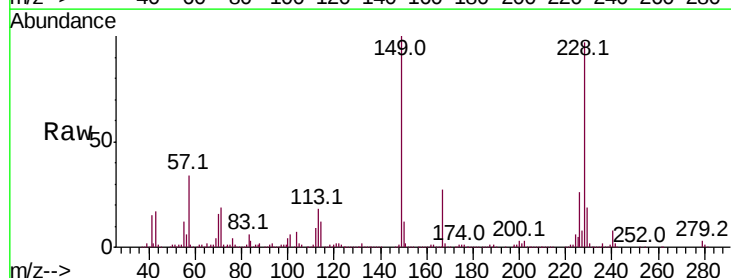
Tgt Ion:149 Resp: 780387

Ion Ratio Lower Upper

149 100

167 27.2 21.3 31.9

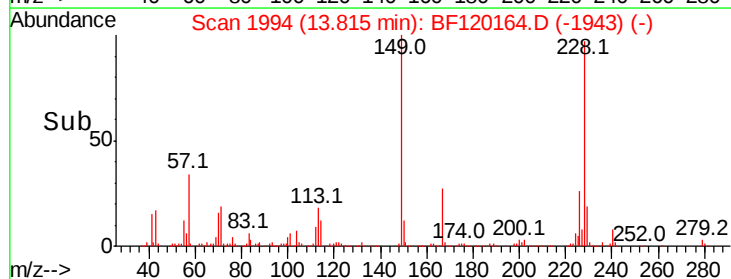
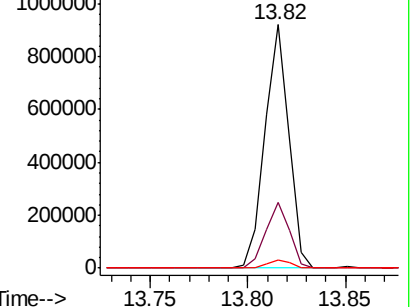
279 3.3 2.7 4.1

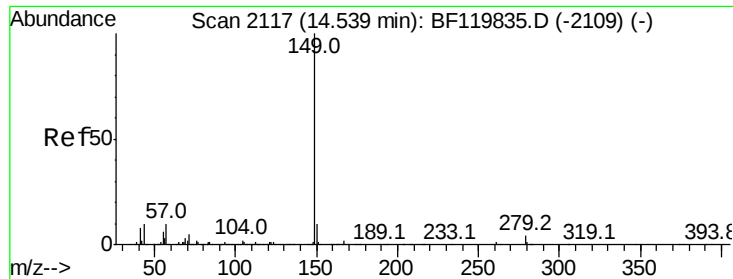


Abundance Ion 149.00 (148.70 to 149.70): E

1200000 Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 36.009 ng

RT: 14.43 min Scan# 2098

Delta R.T. -0.00 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

Instrument :

BNA_F

ClientSampleId :

PB128352BS

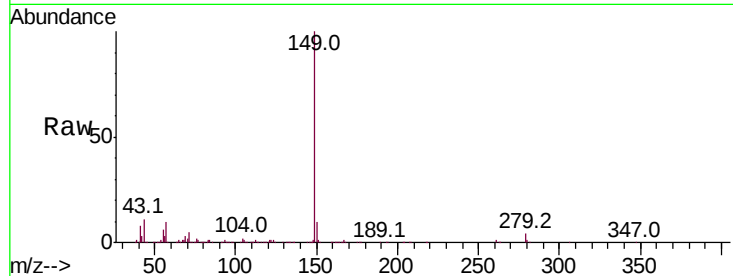
Tot Ion:149 Resp: 1374637

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

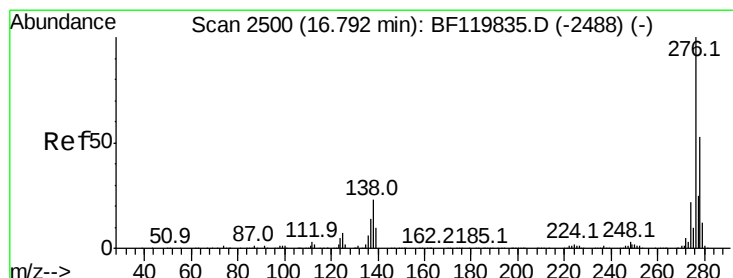
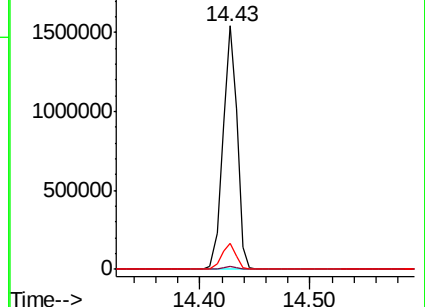
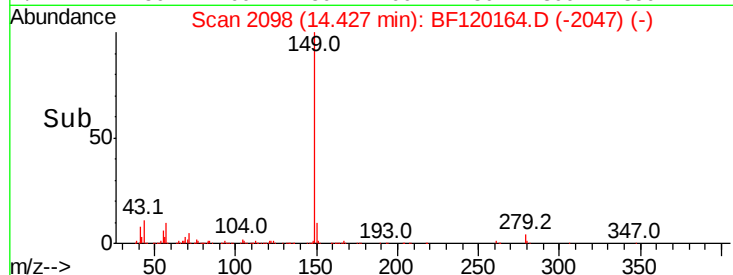
43 10.8 9.3 13.9



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: 36.129 ng

RT: 16.58 min Scan# 2464

Delta R.T. -0.00 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

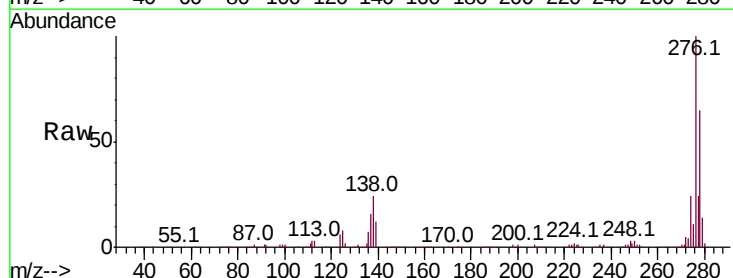
Tgt Ion:276 Resp: 861600

Ion Ratio Lower Upper

276 100

138 24.9 19.6 29.4

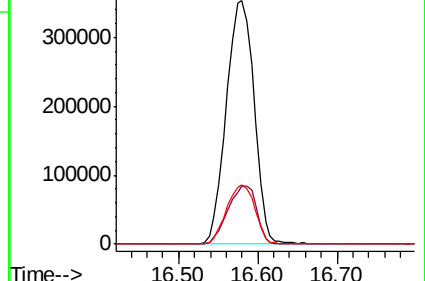
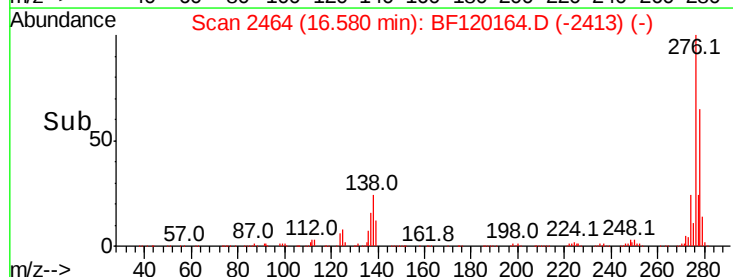
277 24.9 20.0 30.0

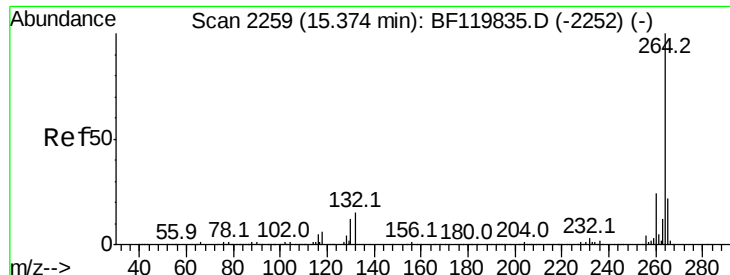


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

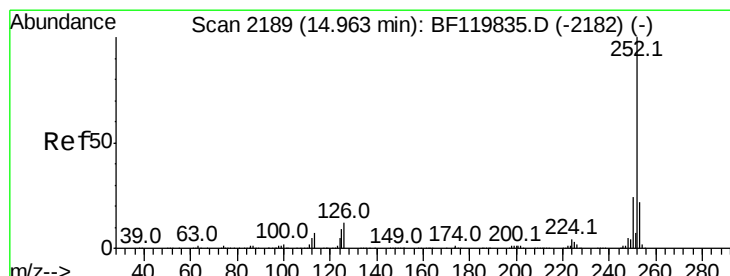
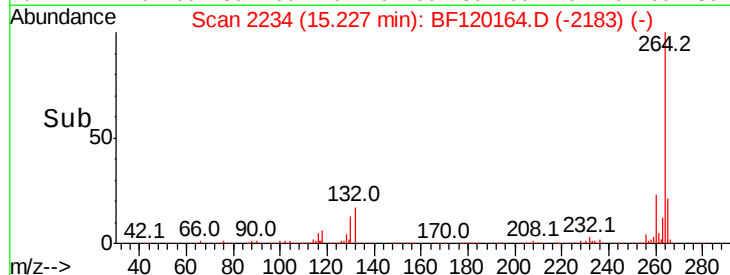
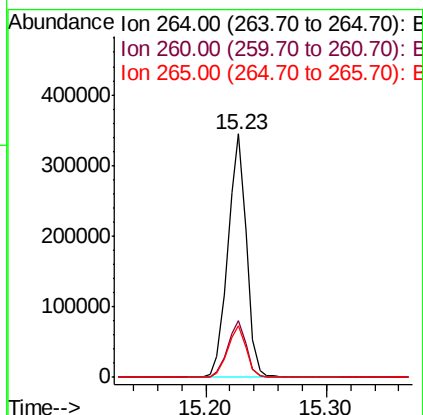
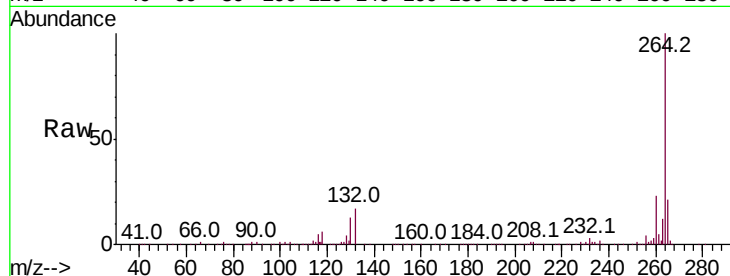




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

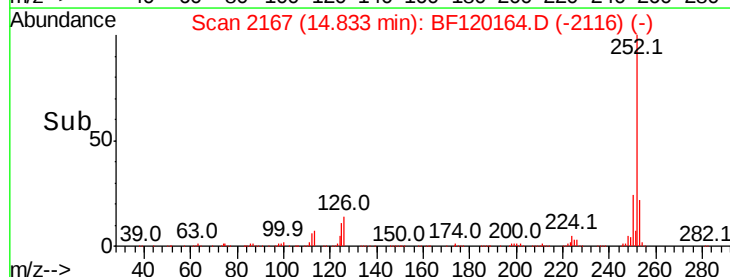
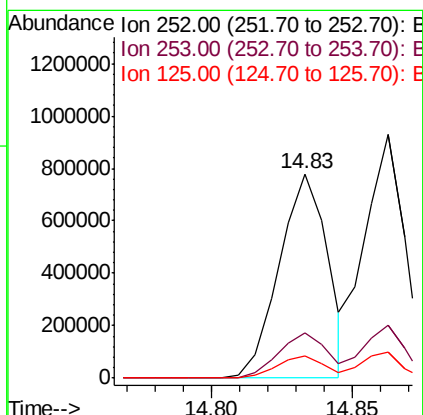
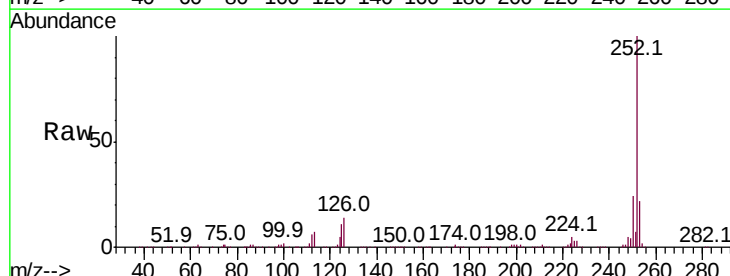
Instrument :
BNA_F
ClientSampleId :
PB128352BS

Tot Ion:264 Resp: 365271
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 21.2 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 35.373 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Tgt Ion:252 Resp: 929486
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 10.9 7.9 11.9

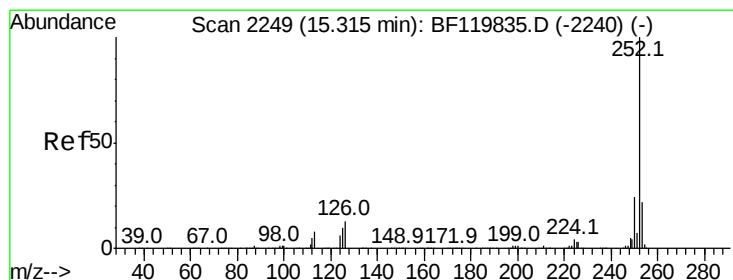
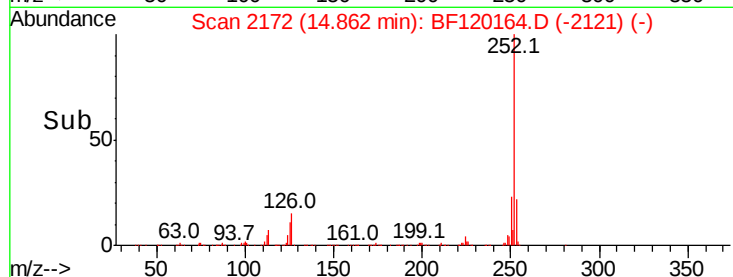
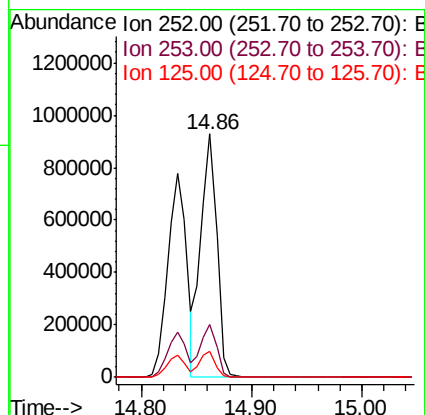
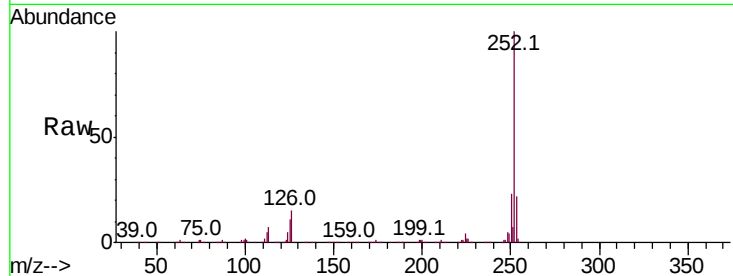




#89
Benzo(k)fluoranthene
Concen: 40.369 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

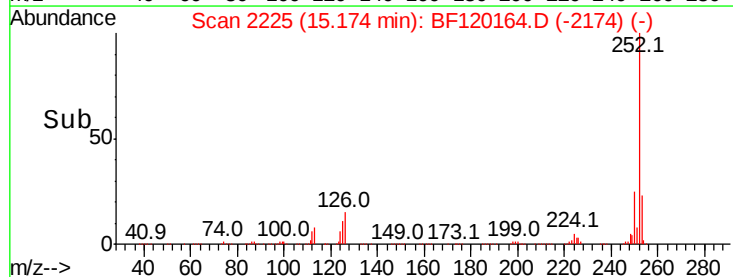
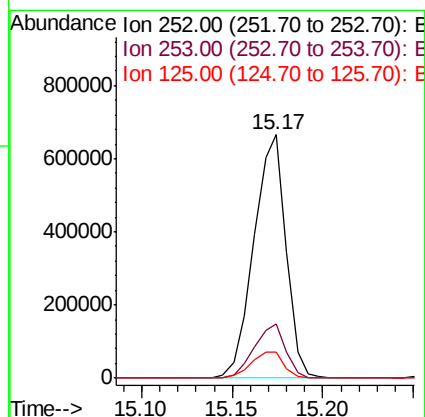
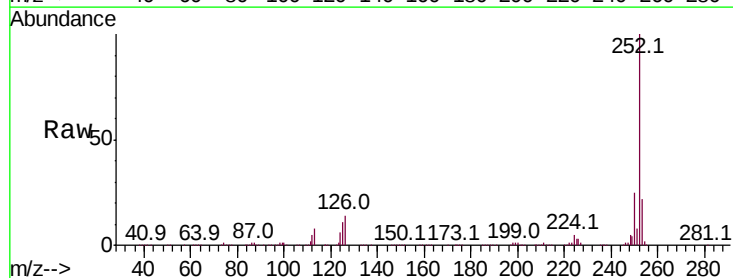
Instrument :
BNA_F
ClientSampleId :
PB128352BS

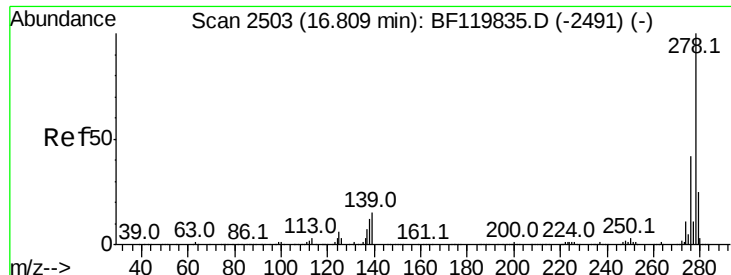
Tot Ion:252 Resp: 915244
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 10.7 8.4 12.6



#90
Benzo(a)pyrene
Concen: 37.051 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Tgt Ion:252 Resp: 818588
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 10.9 9.4 14.2

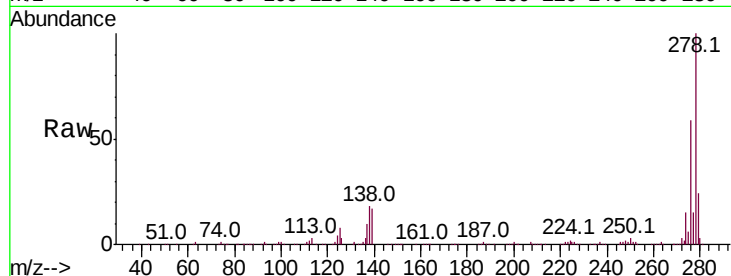




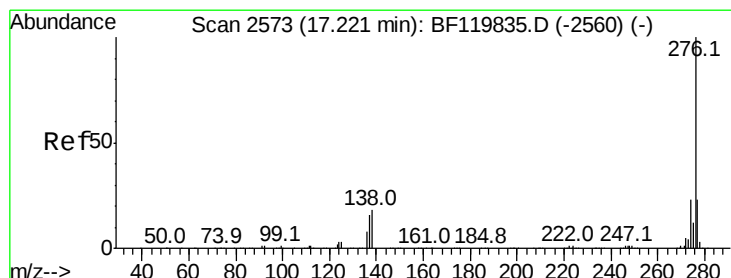
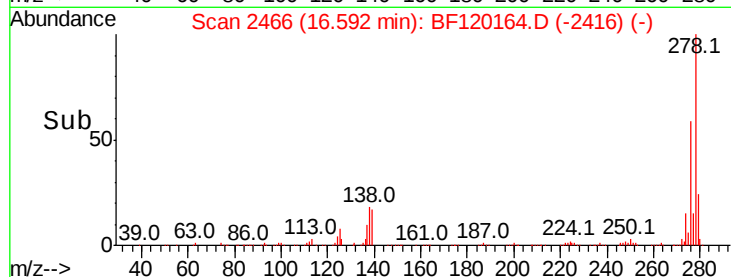
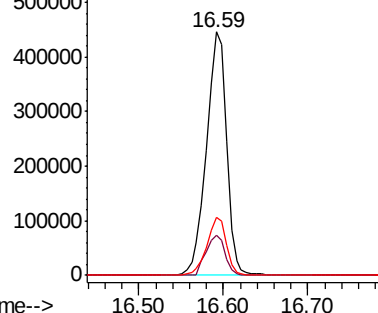
#91
Dibenzo(a,h)anthracene
Concen: 37.199 ng
RT: 16.59 min Scan# 2466
Delta R.T. -0.01 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Instrument :
BNA_F
ClientSampleId :
PB128352BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.6	12.6	19.0
279	23.9	19.0	28.6

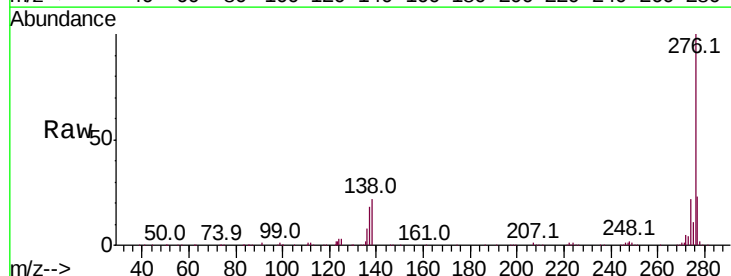


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 35.544 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.4	27.6
138	21.6	15.4	23.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

