

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
 Data File : BF120092.D
 Acq On : 20 Apr 2020 21:51
 Operator : MA/SJ
 Sample : L2314-17MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 21 01:12:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 14:10:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	146636	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	558895	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	267855	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	476547	20.00	ng	0.00
76) Chrysene-d12	13.89	240	330245	20.00	ng	0.00
87) Perylene-d12	15.32	264	294469	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	712336	83.95	ng	0.01
7) Phenol-d6	6.36	99	963444	88.12	ng	0.00
23) Nitrobenzene-d5	7.29	82	649548	60.12	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	250789	76.47	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1279790	67.84	ng	0.00
79) Terphenyl-d14	12.83	244	1255738	63.98	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.38	88	141682	37.490	ng	96
3) Pyridine	3.08	79	420661	40.570	ng	99
4) n-Nitrosodimethylamine	3.05	42	254540	48.047	ng	100
6) Aniline	6.38	93	353994	24.668	ng	# 1
8) 2-Chlorophenol	6.50	128	499823	52.721	ng	97
9) Benzaldehyde	6.26	77	210976	33.534	ng	96
10) Phenol	6.38	94	635931	51.269	ng	93
11) bis(2-Chloroethyl)ether	6.45	93	484198	50.558	ng	99
12) 1,3-Dichlorobenzene	6.66	146	495784	47.767	ng	99
13) 1,4-Dichlorobenzene	6.73	146	500480	47.336	ng	99
14) 1,2-Dichlorobenzene	6.89	146	474658	48.713	ng	97
15) Benzyl Alcohol	6.87	79	413502	48.694	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	816346	43.804	ng	87
17) 2-Methylphenol	6.99	107	399860	47.262	ng	95
18) Hexachloroethane	7.23	117	185082	46.840	ng	95
19) n-Nitroso-di-n-propylamine	7.14	70	345830	49.189	ng	99
20) 3+4-Methylphenols	7.14	107	511263	49.409	ng	# 82
22) Acetophenone	7.13	105	700506	53.525	ng	# 94
24) Nitrobenzene	7.30	77	529148	48.690	ng	99
25) Isophorone	7.55	82	957589	45.981	ng	99
26) 2-Nitrophenol	7.62	139	271577	50.018	ng	98
27) 2,4-Dimethylphenol	7.67	122	427669	52.226	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	600564	49.007	ng	99
29) 2,4-Dichlorophenol	7.87	162	414563	49.390	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	440753	46.343	ng	98
31) Naphthalene	8.03	128	1514120	51.492	ng	100
32) Benzoic acid	7.82	122	355441	49.423	ng	94
33) 4-Chloroaniline	8.08	127	176967	13.824	ng	99
34) Hexachlorobutadiene	8.14	225	256506	45.055	ng	98
35) Caprolactam	8.52	113	52975	20.632	ng	93
36) 4-Chloro-3-methylphenol	8.57	107	455249	50.096	ng	98
37) 2-Methylnaphthalene	8.72	142	974653	48.890	ng	100
38) 1-Methylnaphthalene	8.82	142	913250	48.602	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	424806	50.213	ng	100

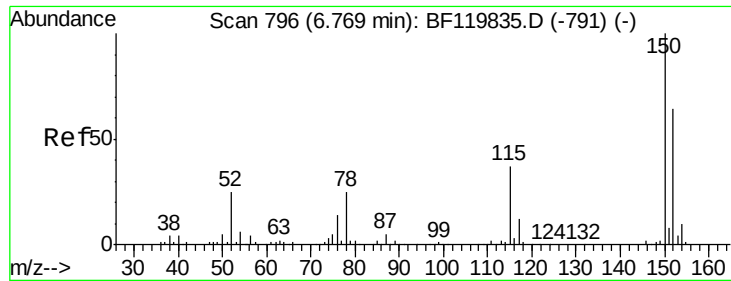
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
 Data File : BF120092.D
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 Operator : MA/SJ
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	163142	33.912	ng	98
43) 2,4,6-Trichlorophenol	9.00	196	297262	50.883	ng	99
44) 2,4,5-Trichlorophenol	9.05	196	318736	48.441	ng	100
46) 1,1'-Biphenyl	9.19	154	1138924	50.376	ng	99
47) 2-Chloronaphthalene	9.21	162	876219	50.310	ng	99
48) 2-Nitroaniline	9.31	65	314668	49.857	ng	98
49) Acenaphthylene	9.62	152	1371959	51.797	ng	99
50) Dimethylphthalate	9.49	163	1296767	62.591	ng	100
51) 2,6-Dinitrotoluene	9.56	165	234173	51.615	ng #	80
52) Acenaphthene	9.80	154	828950	46.917	ng	100
53) 3-Nitroaniline	9.72	138	133567	25.777	ng	97
54) 2,4-Dinitrophenol	9.83	184	218992	80.622	ng	93
55) Dibenzofuran	9.97	168	1224911	50.521	ng	99
56) 4-Nitrophenol	9.90	139	371604	96.386	ng	95
57) 2,4-Dinitrotoluene	9.96	165	290337	48.572	ng	94
58) Fluorene	10.31	166	968330	49.938	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.09	232	252094	50.094	ng	99
60) Diethylphthalate	10.19	149	1056707	49.211	ng	100
61) 4-Chlorophenyl-phenylether	10.30	204	458061	46.090	ng	97
62) 4-Nitroaniline	10.34	138	231232	46.826	ng	97
63) Azobenzene	10.46	77	959671	49.869	ng	99
65) 4,6-Dinitro-2-methylphenol	10.37	198	147771	47.068	ng	77
66) n-Nitrosodiphenylamine	10.43	169	862175	54.401	ng	98
67) 4-Bromophenyl-phenylether	10.79	248	275703	46.522	ng	96
68) Hexachlorobenzene	10.86	284	287199	47.771	ng	97
69) Atrazine	10.96	200	237755	53.918	ng	96
70) Pentachlorophenol	11.06	266	307696	88.811	ng	98
71) Phenanthrene	11.27	178	1418144	55.915	ng	99
72) Anthracene	11.33	178	1351830	52.176	ng	100
73) Carbazole	11.49	167	1209130	49.349	ng	99
74) Di-n-butylphthalate	11.82	149	1527221	47.415	ng	100
75) Fluoranthene	12.46	202	1551924	56.711	ng	99
77) Benzidine	12.59	184	451691	40.462	ng	96
78) Pyrene	12.69	202	1529163	54.926	ng	99
80) Butylbenzylphthalate	13.32	149	649397	48.071	ng	99
81) Benzo(a)anthracene	13.89	228	1202193	55.335	ng	98
82) 3,3'-Dichlorobenzidine	13.84	252	241058	29.737	ng	97
83) Chrysene	13.92	228	1200735	54.393	ng	99
84) Bis(2-ethylhexyl)phthalate	13.87	149	875828	47.875	ng #	98
85) Di-n-octyl phthalate	14.49	149	1474035	47.323	ng	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	915231	47.034	ng	99
88) Benzo(b)fluoranthene	14.92	252	1175308	55.483	ng #	98
89) Benzo(k)fluoranthene	14.94	252	1057082	57.835	ng	98
90) Benzo(a)pyrene	15.26	252	1046389	58.750	ng	98
91) Dibenzo(a,h)anthracene	16.73	278	716164	45.393	ng	99
92) Benzo(g,h,i)perylene	17.14	276	780643	50.127	ng	98

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

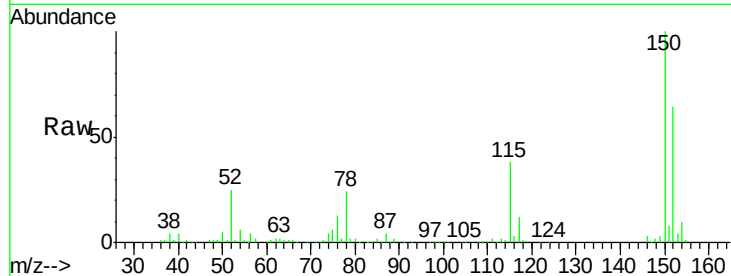


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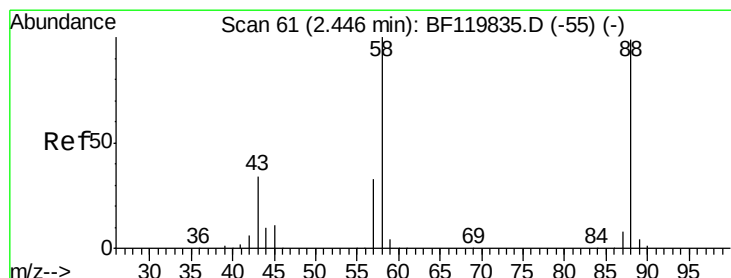
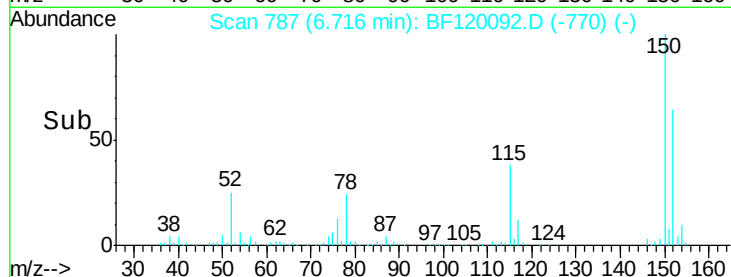
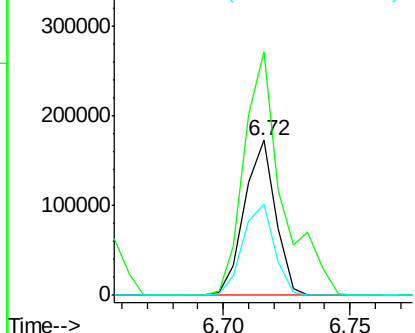
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 146636
Ion Ratio Lower Upper
152 100
150 157.3 124.8 187.2
115 59.0 46.5 69.7



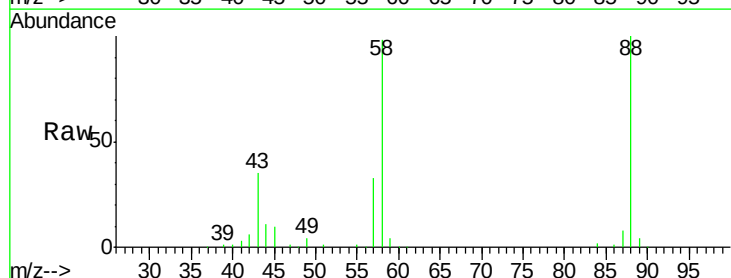
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



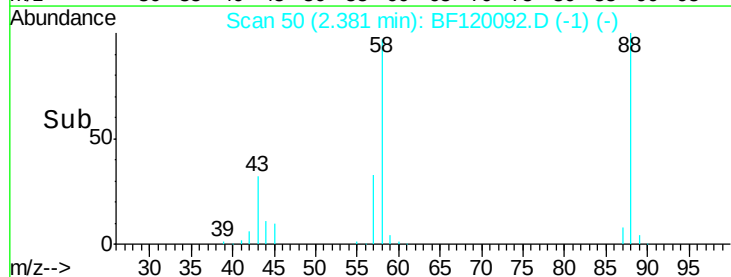
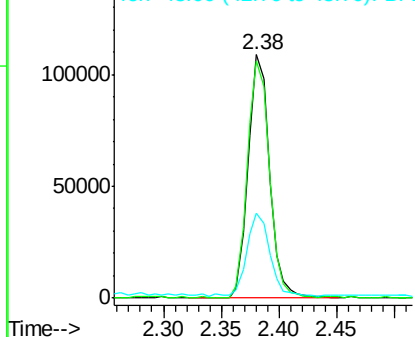
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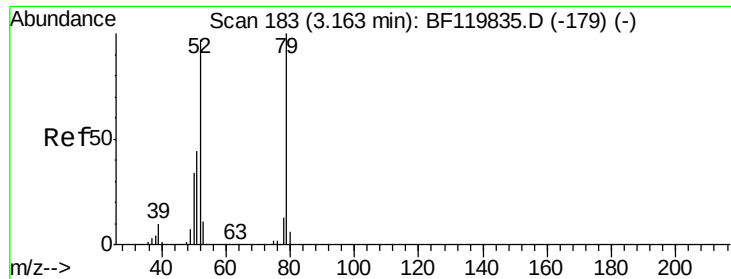
1,4-Dioxane
Concen: 37.490 ng
RT: 2.38 min Scan# 50
Delta R.T. 0.05 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Tgt Ion: 88 Resp: 141682
Ion Ratio Lower Upper
88 100
58 98.0 82.6 123.8
43 36.1 28.6 42.8



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: 40.570 ng

RT: 3.08 min Scan# 169

Delta R.T. 0.05 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

Instrument :

BNA_F

ClientSampleId :

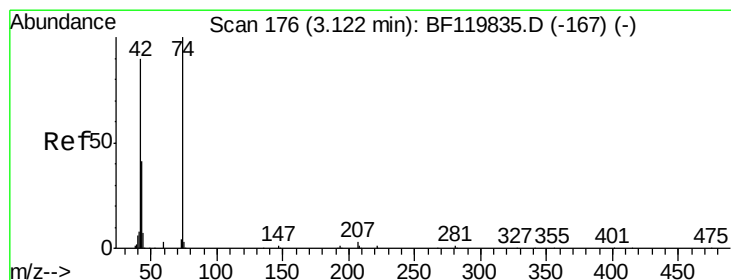
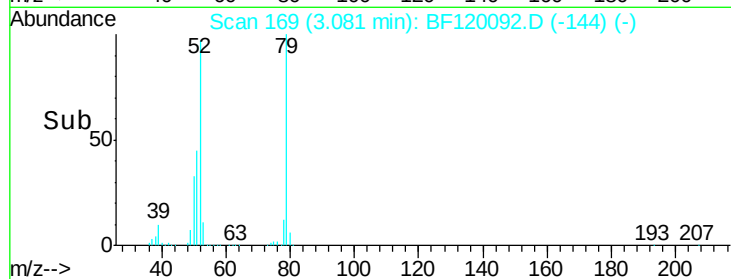
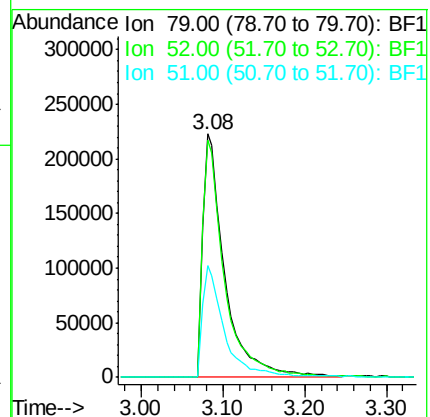
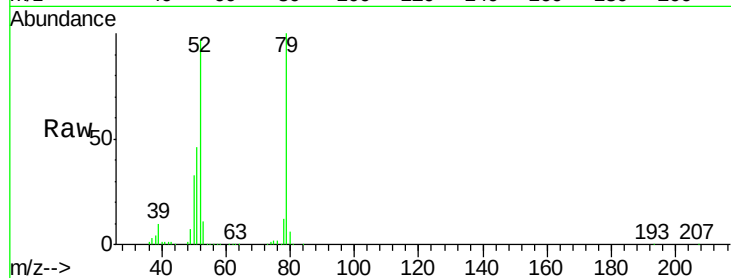
Tot Ion: 79 Resp: 420661

Ion Ratio Lower Upper

79 100

52 97.4 77.4 116.0

51 45.7 35.3 52.9



#4

n-Nitrosodimethylamine

Concen: 48.047 ng

RT: 3.05 min Scan# 163

Delta R.T. 0.05 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

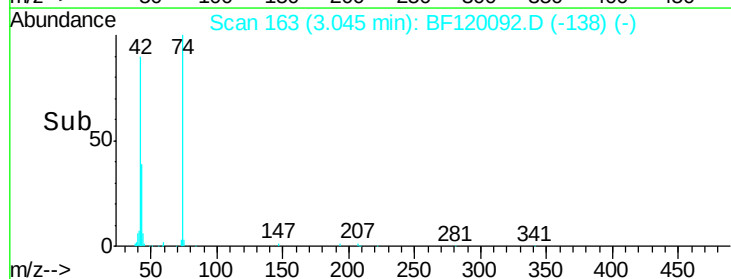
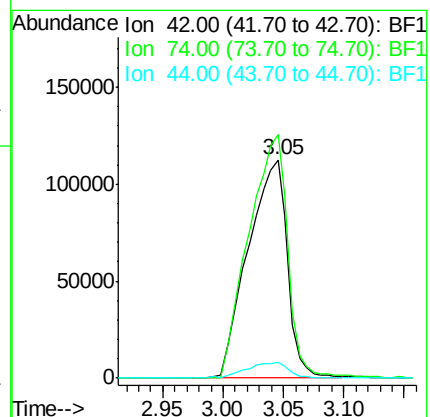
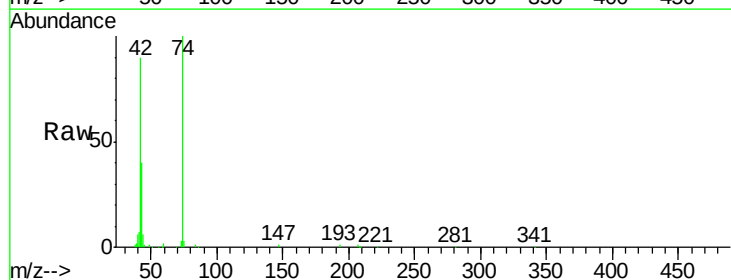
Tgt Ion: 42 Resp: 254540

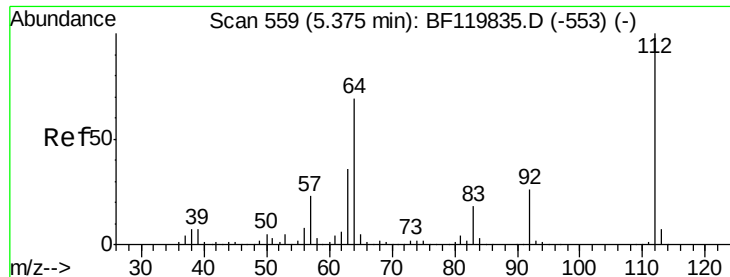
Ion Ratio Lower Upper

42 100

74 111.5 89.0 133.4

44 7.0 6.2 9.4





#5

2-Fluorophenol

Concen: 83.953 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

Instrument :

BNA_F

ClientSampleId :

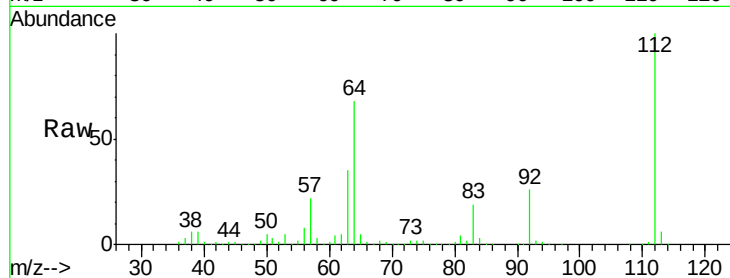
Tot Ion: 112 Resp: 712336

Ion Ratio Lower Upper

112 100

64 68.0 55.5 83.3

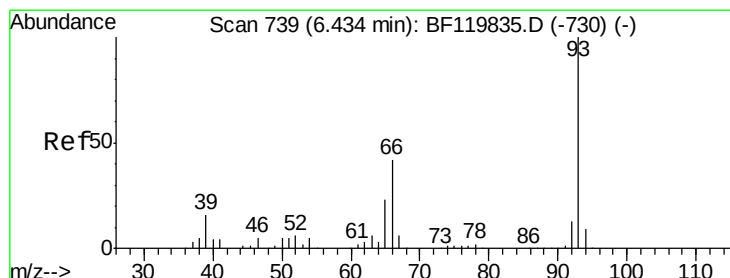
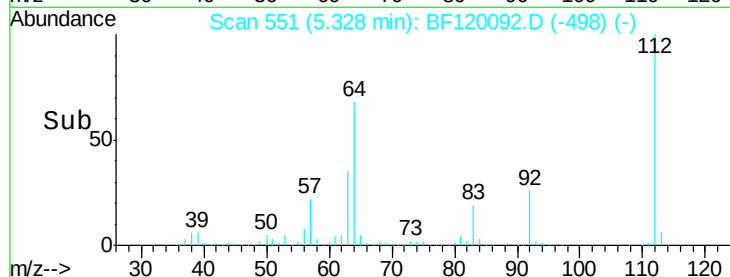
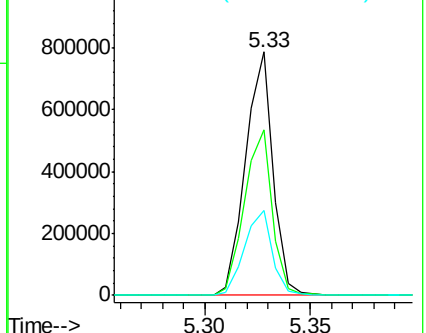
63 34.6 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.668 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

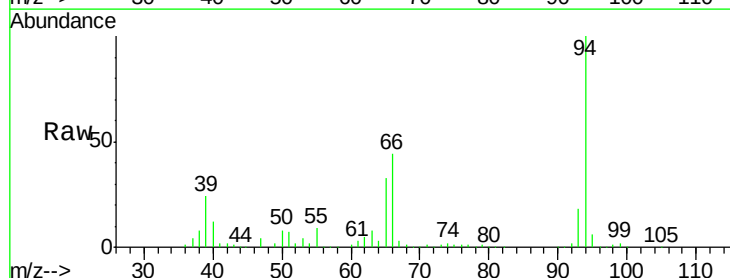
Tgt Ion: 93 Resp: 353994

Ion Ratio Lower Upper

93 100

66 244.8 34.2 51.2#

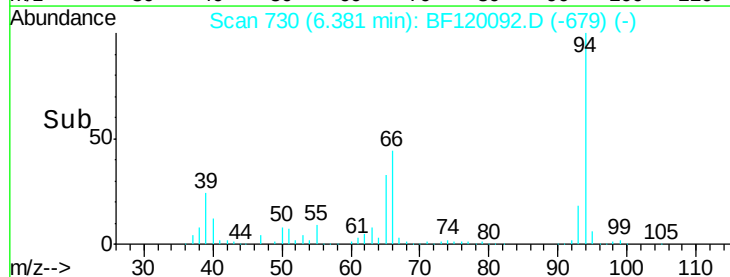
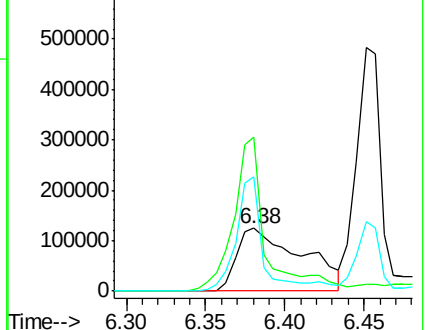
65 182.2 18.3 27.5#

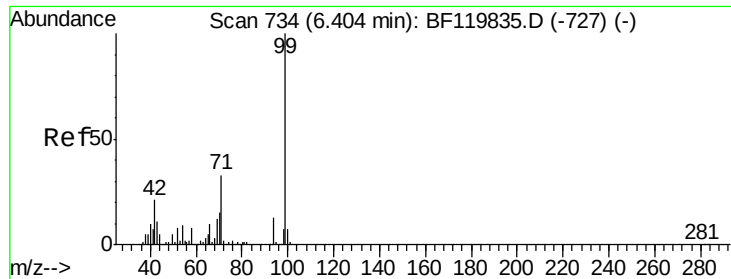


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 88.120 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

Instrument :

BNA_F

ClientSampleId :

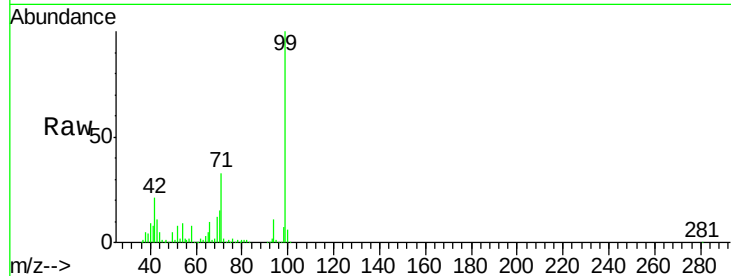
Tot Ion: 99 Resp: 963444

Ion Ratio Lower Upper

99 100

42 20.7 16.9 25.3

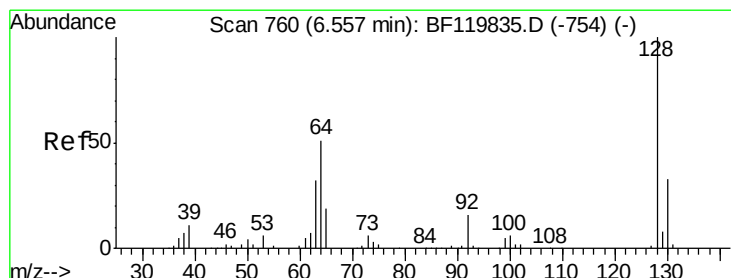
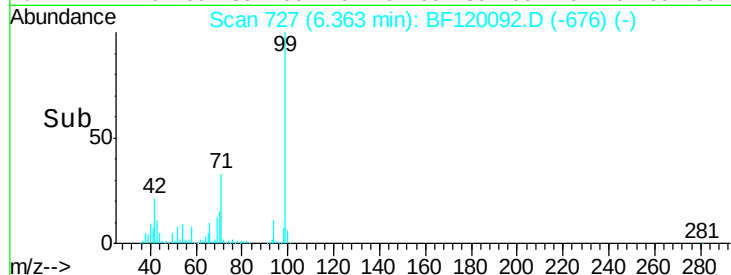
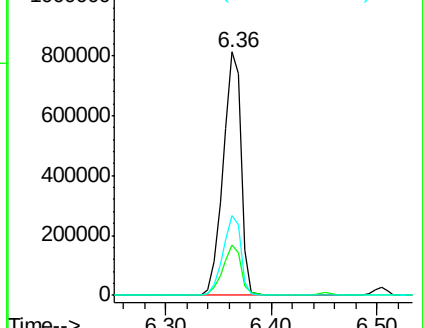
71 32.8 26.3 39.5



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: 52.721 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

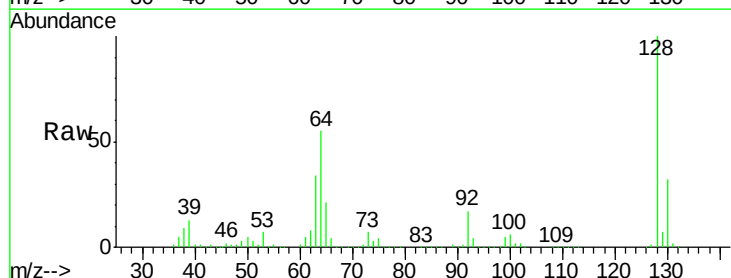
Tgt Ion: 128 Resp: 499823

Ion Ratio Lower Upper

128 100

130 32.4 12.6 52.6

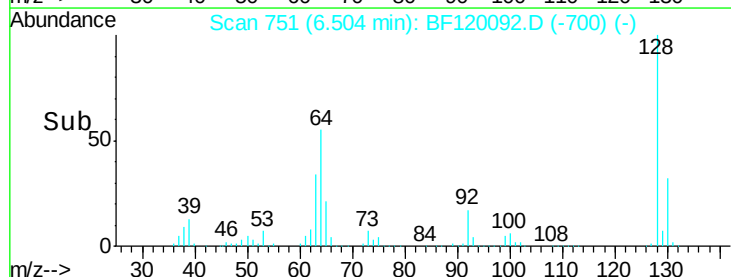
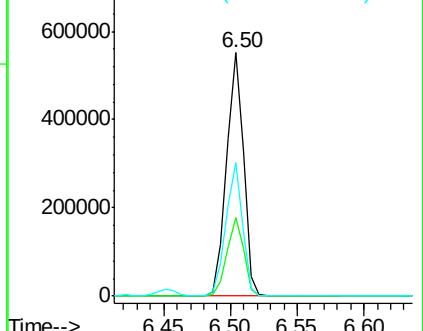
64 54.8 32.0 72.0

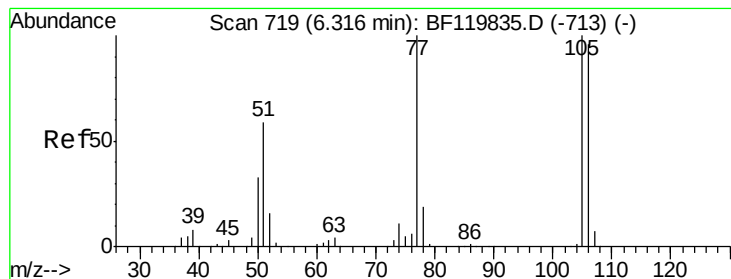


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 33.534 ng

RT: 6.26 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

Instrument :

BNA_F

ClientSampleId :

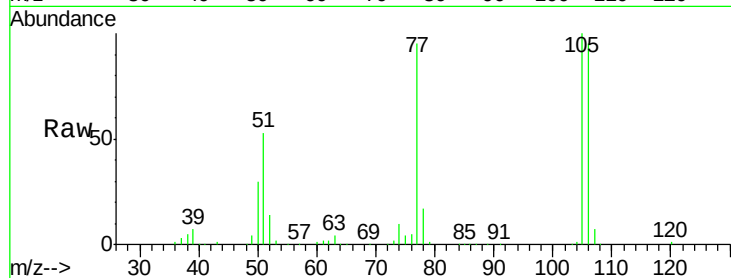
Tot Ion: 77 Resp: 210976

Ion Ratio Lower Upper

77 100

105 105.0 79.9 119.9

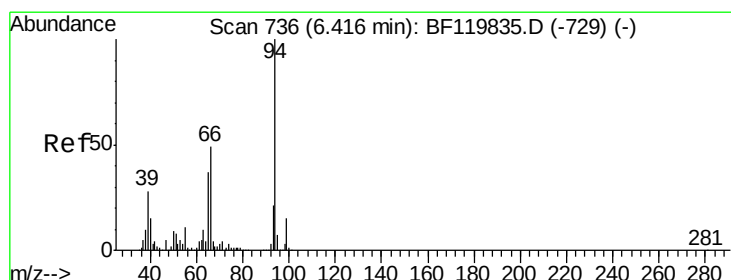
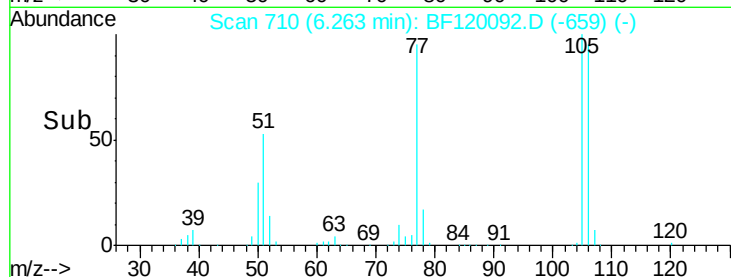
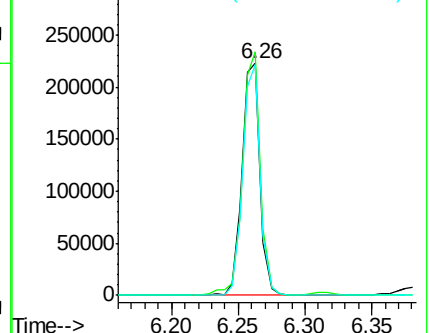
106 99.7 76.4 116.4



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 51.269 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

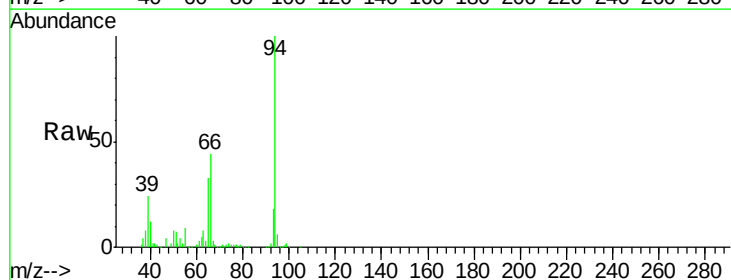
Tgt Ion: 94 Resp: 635931

Ion Ratio Lower Upper

94 100

65 32.7 16.6 56.6

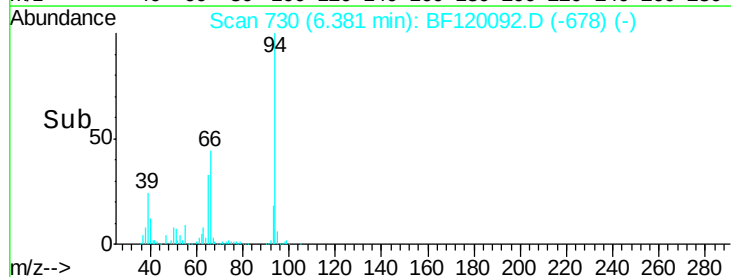
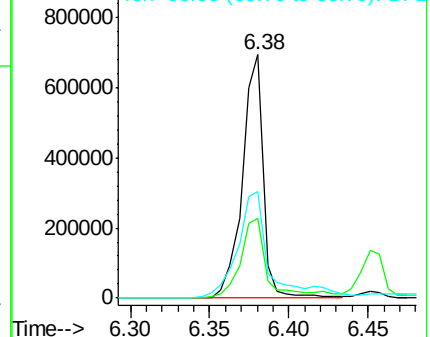
66 43.9 29.3 69.3

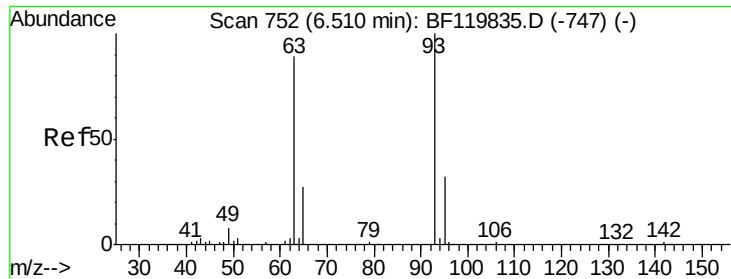


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

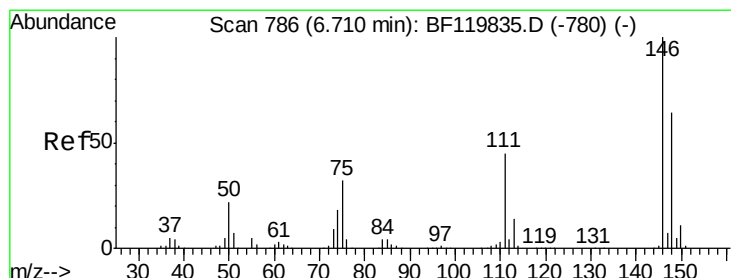
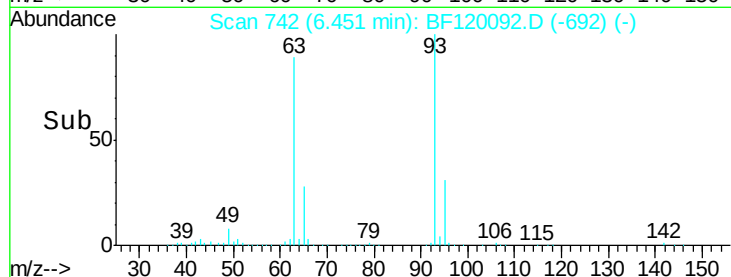
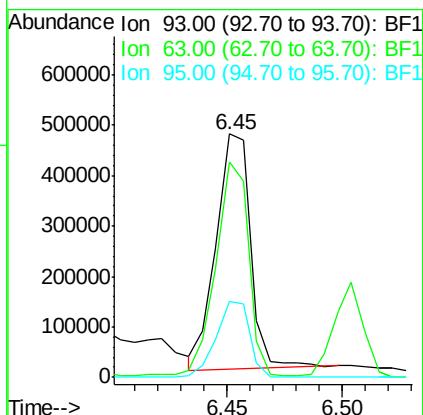
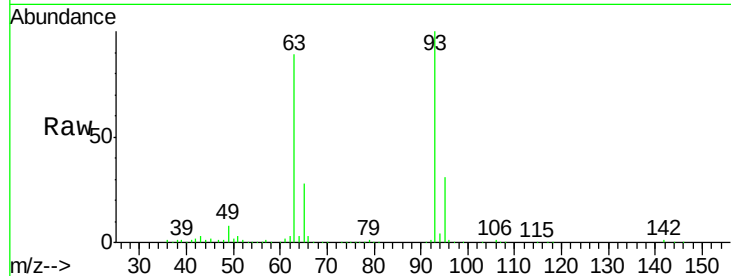




#11
bis(2-Chloroethyl)ether
Concen: 50.558 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

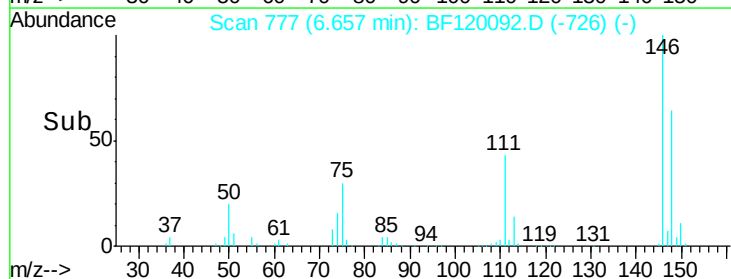
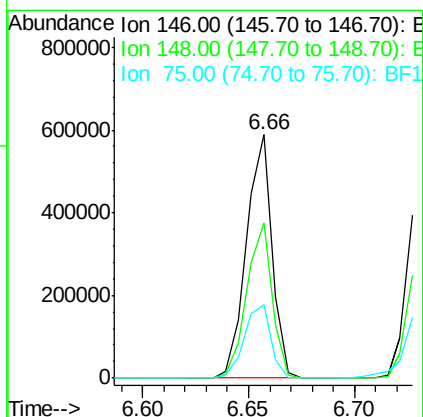
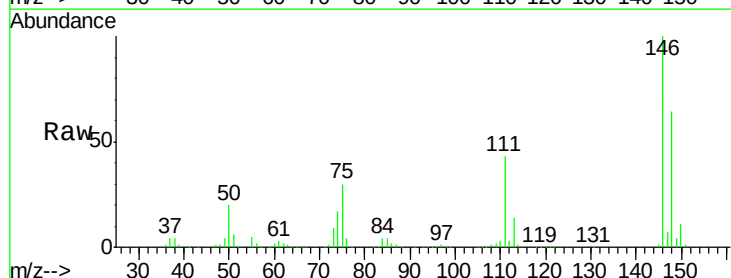
Instrument :
BNA_F
ClientSampleId :

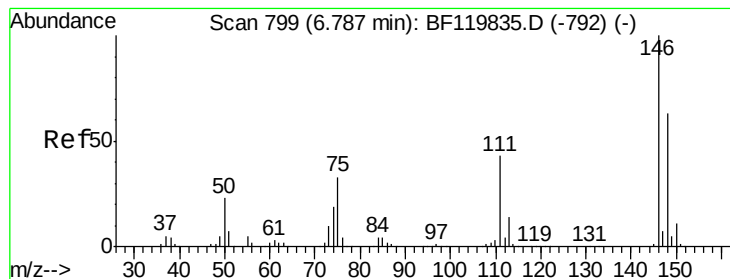
Tot Ion: 93 Resp: 484198
Ion Ratio Lower Upper
93 100
63 88.7 69.1 109.1
95 31.2 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 47.767 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Tgt Ion: 146 Resp: 495784
Ion Ratio Lower Upper
146 100
148 64.0 51.3 76.9
75 30.1 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 47.336 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

Instrument :

BNA_F

ClientSampleId :

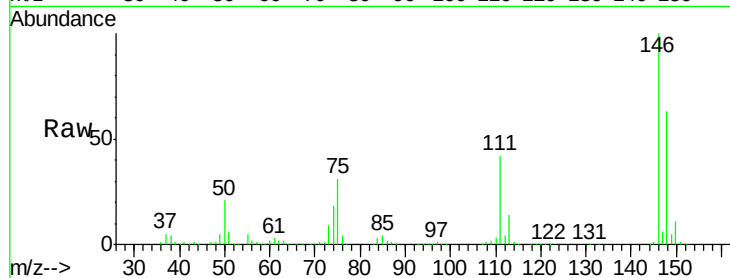
Tot Ion:146 Resp: 500480

Ion Ratio Lower Upper

146 100

148 63.0 50.5 75.7

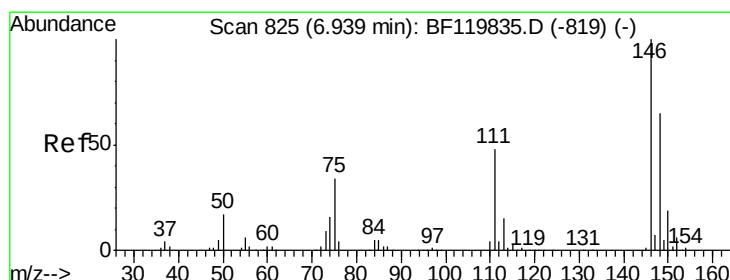
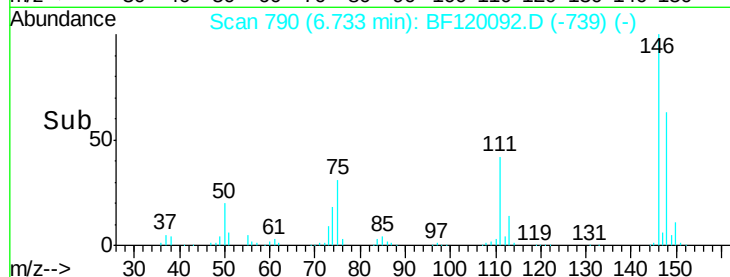
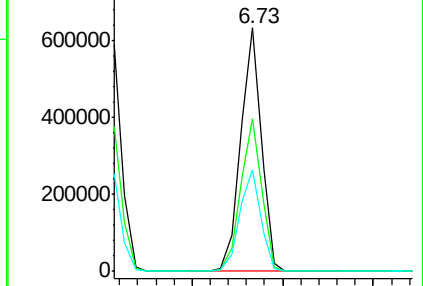
111 41.9 34.7 52.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 48.713 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

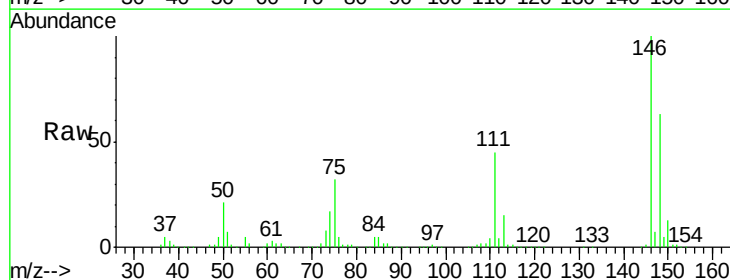
Tgt Ion:146 Resp: 474658

Ion Ratio Lower Upper

146 100

148 63.4 51.8 77.8

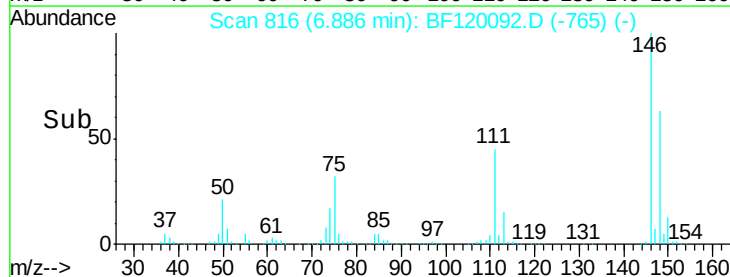
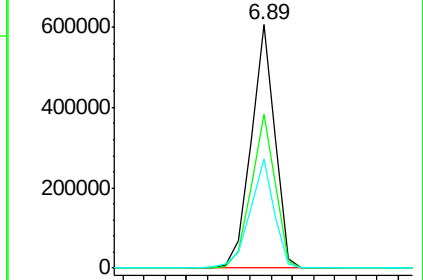
111 45.0 38.0 57.0

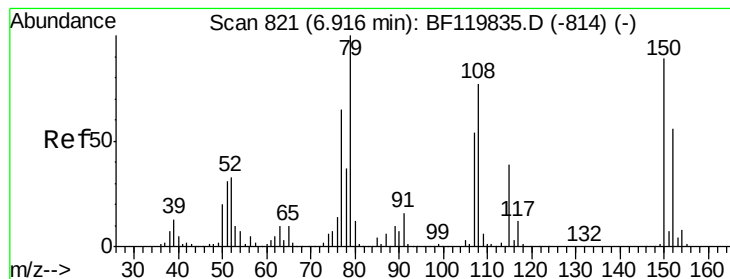


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.694 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

Instrument :

BNA_F

ClientSampleId :

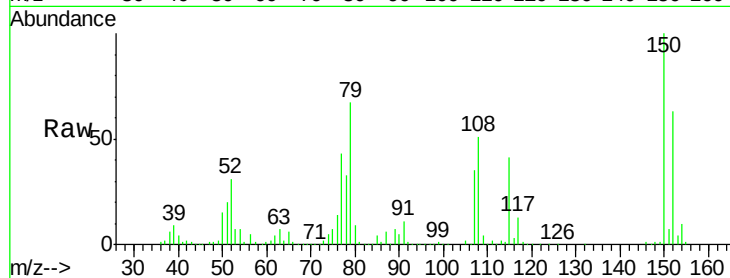
Tot Ion: 79 Resp: 413502

Ion Ratio Lower Upper

79 100

108 75.9 62.0 93.0

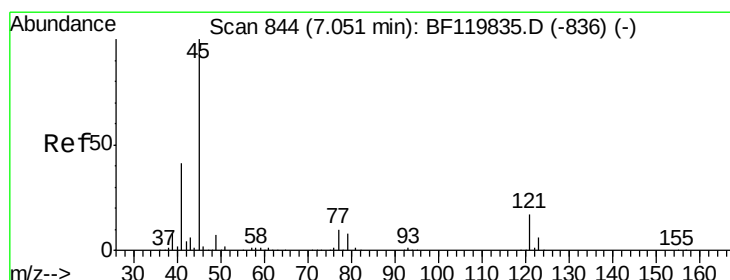
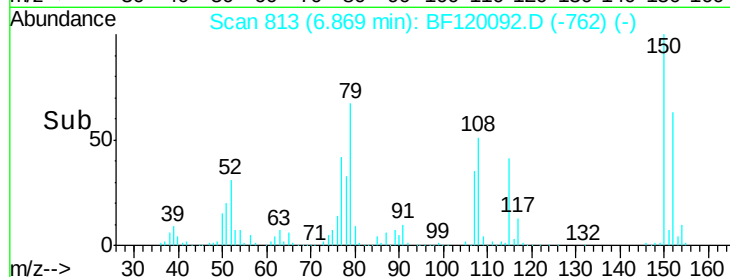
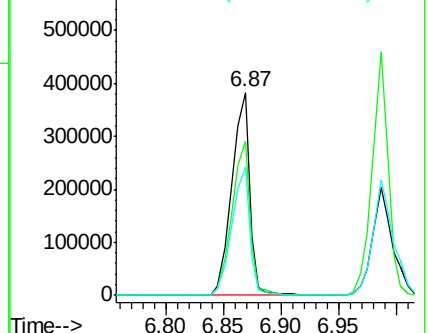
77 63.4 51.8 77.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.804 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

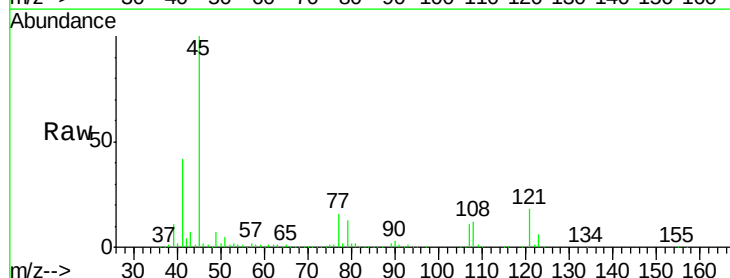
Tgt Ion: 45 Resp: 816346

Ion Ratio Lower Upper

45 100

77 15.6 0.0 30.7

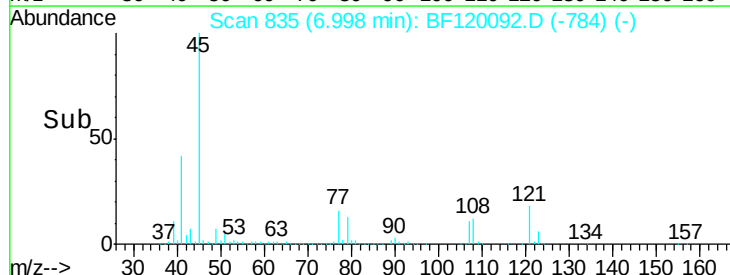
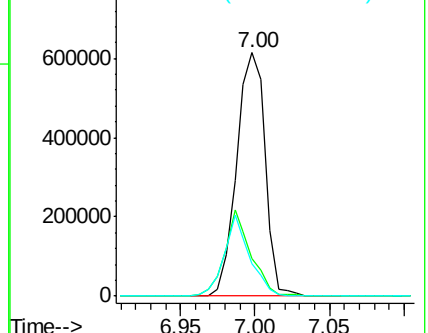
79 13.1 0.0 28.6

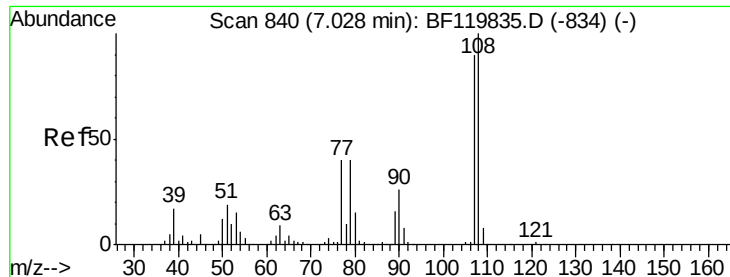


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

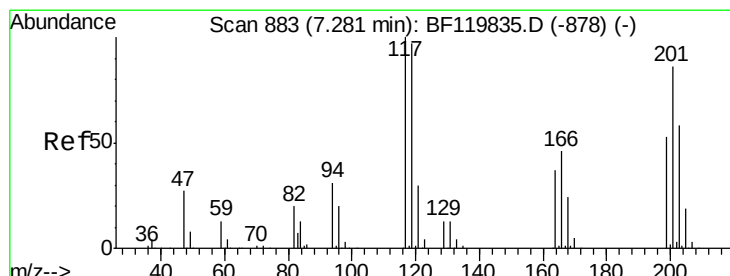
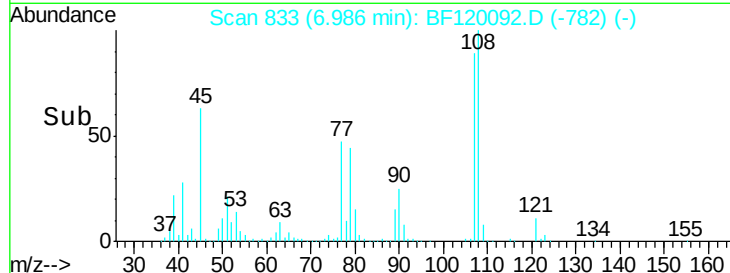
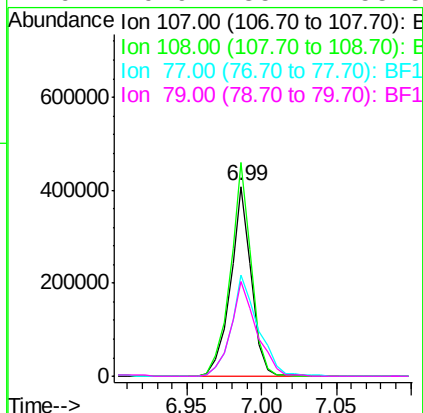
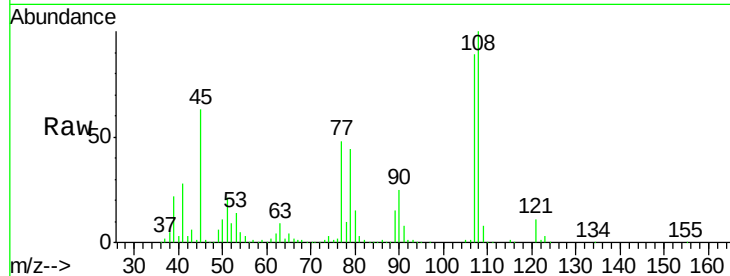




#17
2-Methylphenol
Concen: 47.262 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

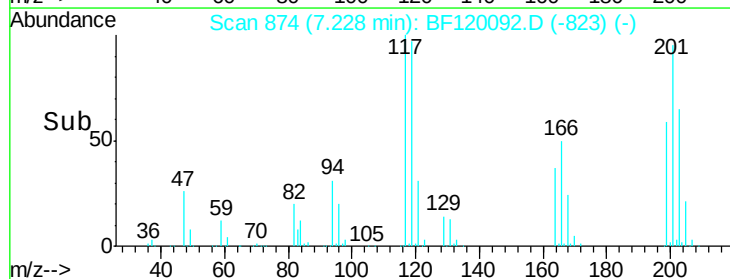
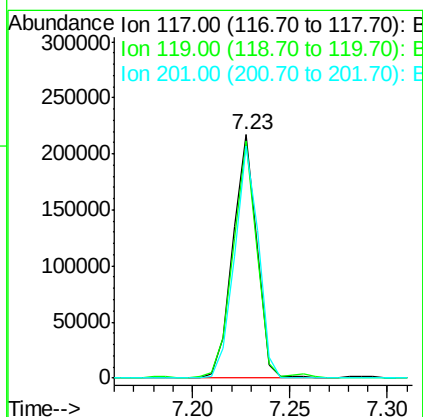
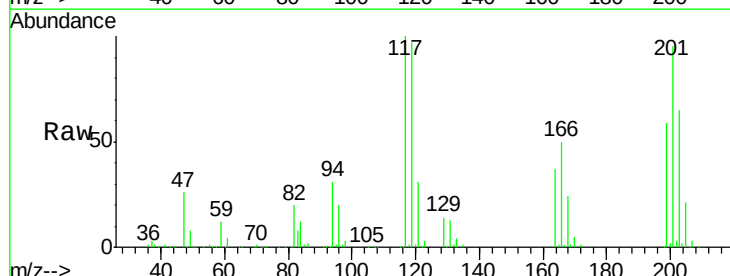
Instrument :
BNA_F
ClientSampleId :

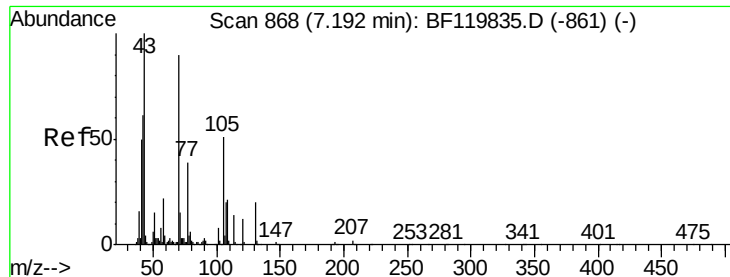
Tot Ion:	107	Resp:	399860
Ion	Ratio	Lower	Upper
107	100		
108	112.3	88.8	133.2
77	53.5	36.0	54.0
79	49.9	35.7	53.5



#18
Hexachloroethane
Concen: 46.840 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Tgt Ion:	117	Resp:	185082
Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.4	116.0
201	95.3	68.4	102.6

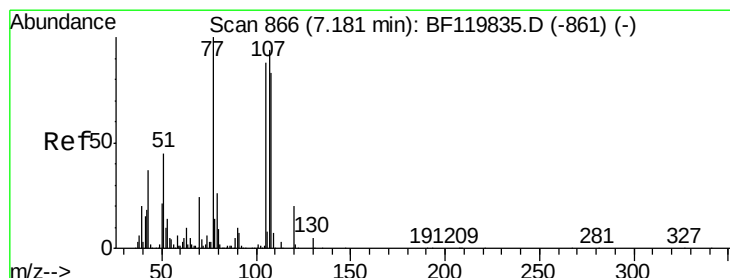
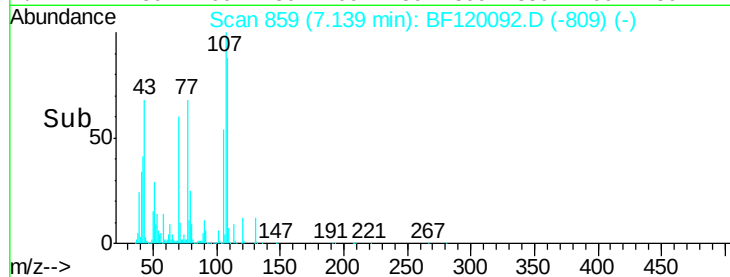
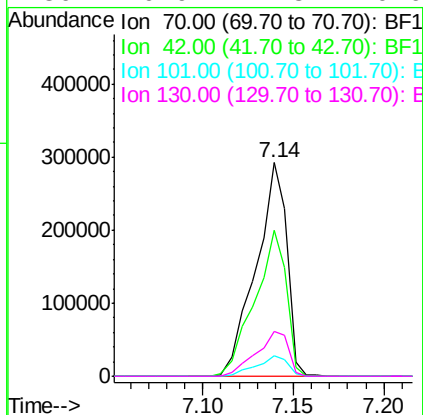
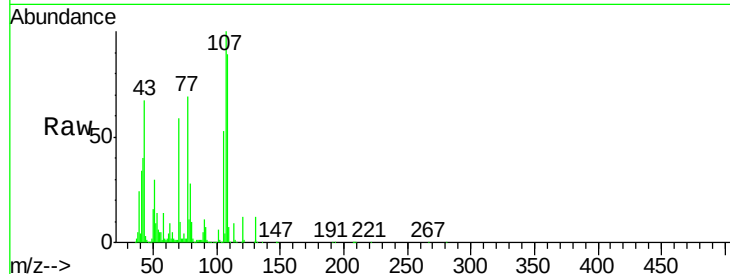




#19
 n-Nitroso-di-n-propylamine
 Concen: 49.189 ng
 RT: 7.14 min Scan# 859
 Delta R.T. -0.01 min
 Lab File: BF120092.D
 Acq: 20 Apr 2020 21:51

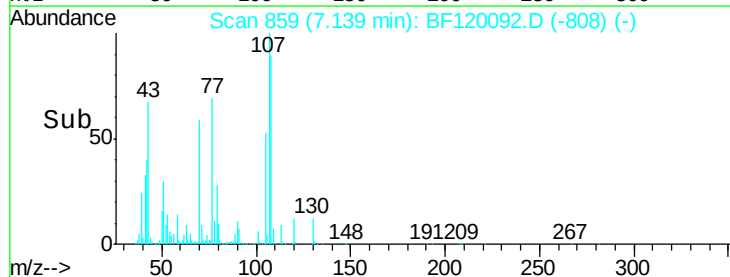
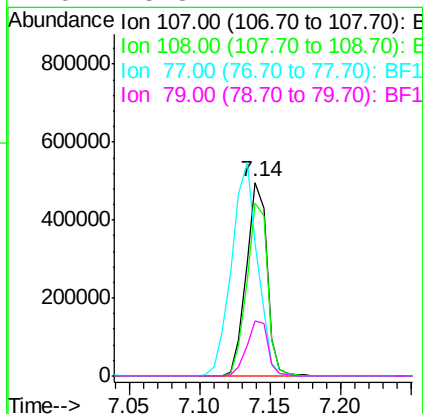
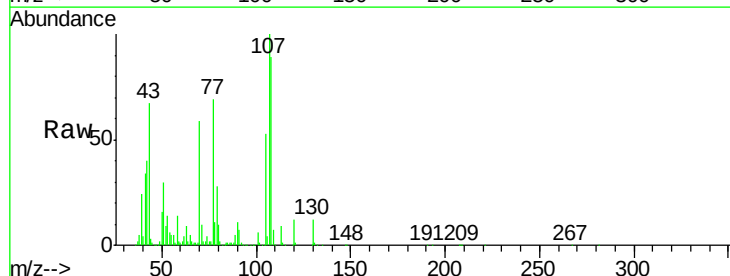
Instrument :
 BNA_F
 ClientSampleId :

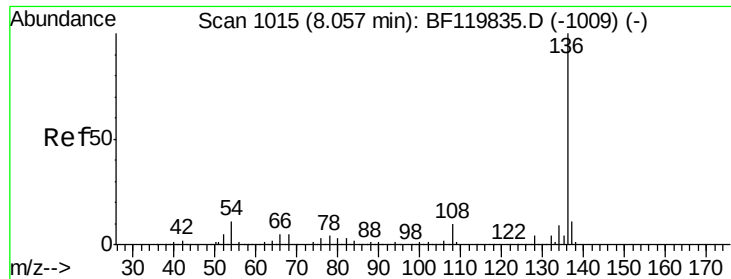
Tot Ion:	70	Resp:	345830
Ion	Ratio	Lower	Upper
70	100		
42	68.5	54.2	81.4
101	9.4	7.4	11.2
130	20.9	17.8	26.6



#20
 3+4-Methylphenols
 Concen: 49.409 ng
 RT: 7.14 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF120092.D
 Acq: 20 Apr 2020 21:51

Tgt Ion:	107	Resp:	511263
Ion	Ratio	Lower	Upper
107	100		
108	89.0	68.2	108.2
77	69.0	86.6	126.6#
79	28.3	7.7	47.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 558895

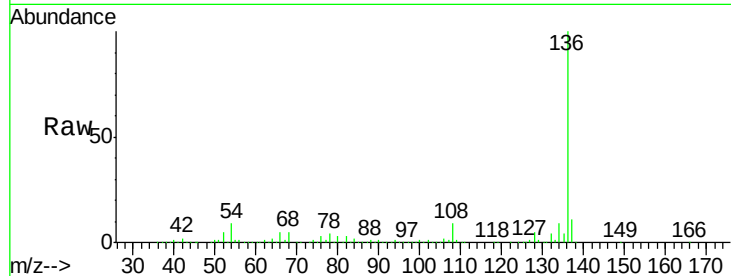
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 9.4 8.5 12.7

68 5.0 3.9 5.9

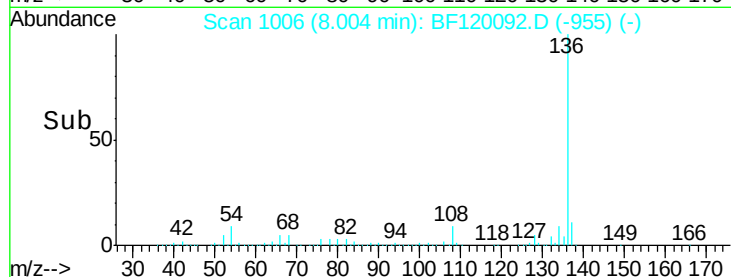


Abundance Ion 136.00 (135.70 to 136.70): E

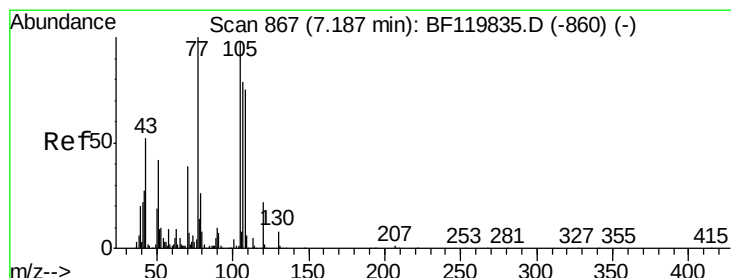
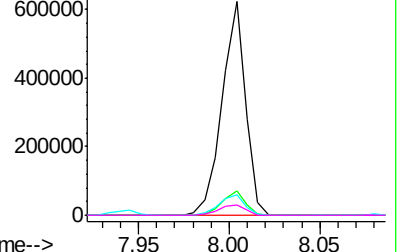
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 53.525 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

Tgt Ion:105 Resp: 700506

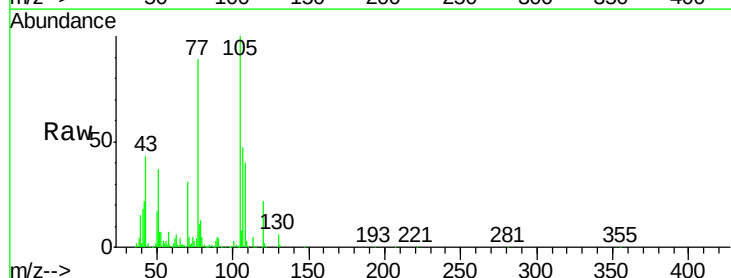
Ion Ratio Lower Upper

105 100

71 5.4 5.6 8.4#

51 36.7 33.9 50.9

120 21.6 17.8 26.8

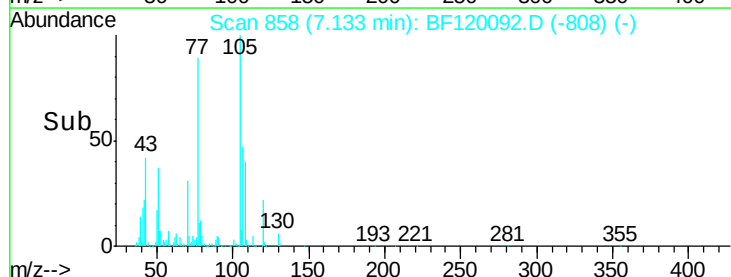


Abundance Ion 105.00 (104.70 to 105.70): E

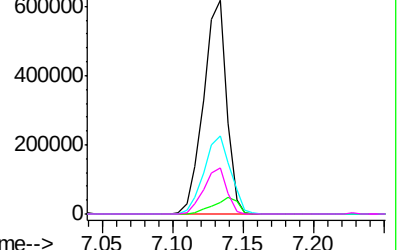
Ion 71.00 (70.70 to 71.70): BF1

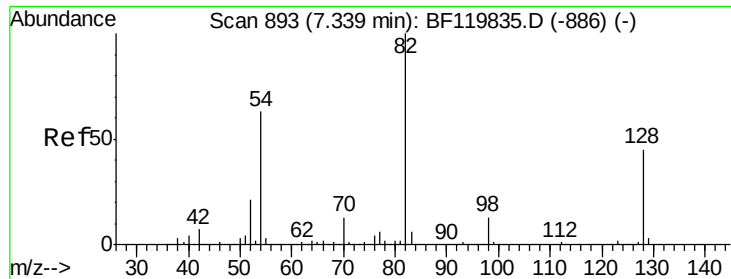
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

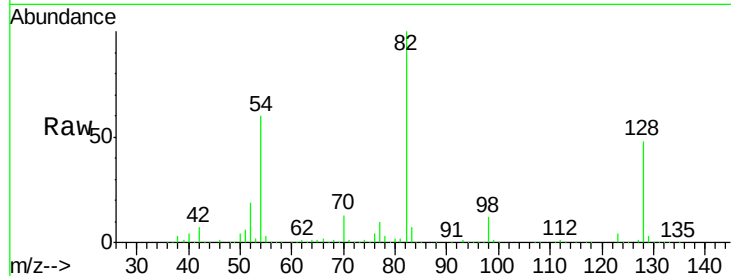




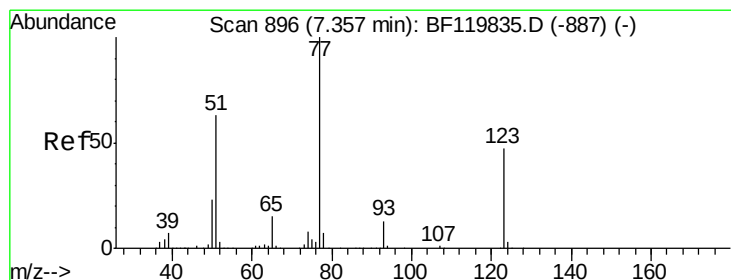
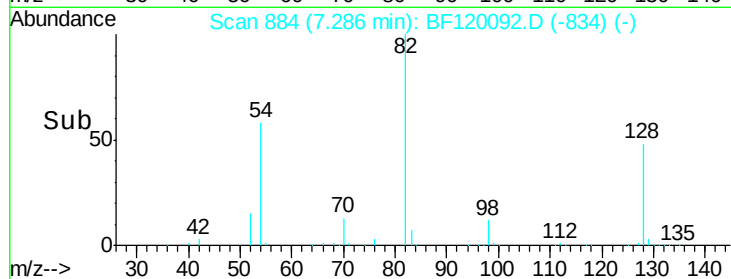
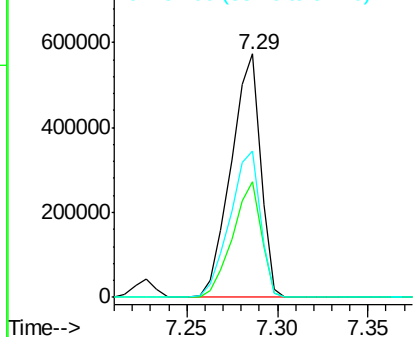
#23
Nitrobenzene-d5
Concen: 60.125 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 649548
Ion Ratio Lower Upper
82 100
128 47.7 36.2 54.4
54 60.2 50.4 75.6

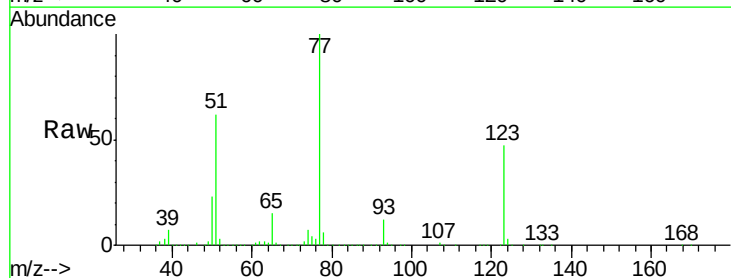


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

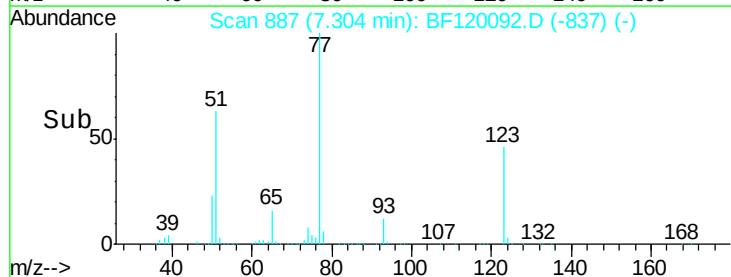
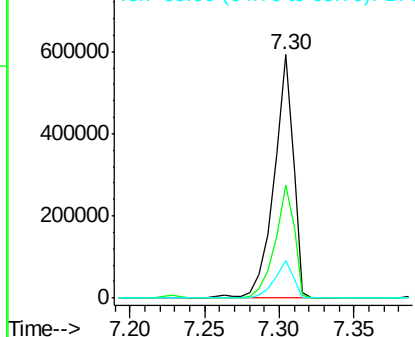


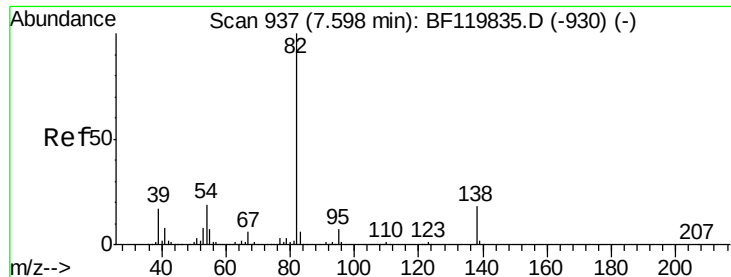
#24
Nitrobenzene
Concen: 48.690 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Tgt Ion: 77 Resp: 529148
Ion Ratio Lower Upper
77 100
123 46.6 37.8 56.8
65 15.3 12.2 18.2



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





#25

Isophorone

Concen: 45.981 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

Instrument :

BNA_F

ClientSampleId :

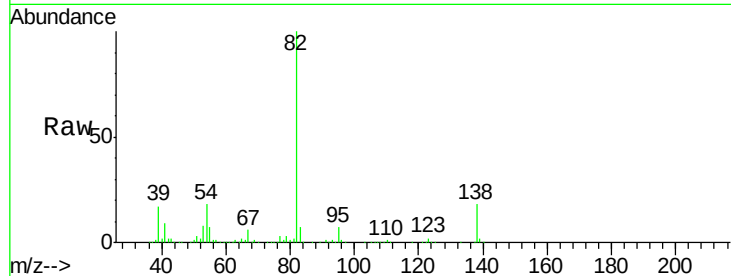
Tot Ion: 82 Resp: 957589

Ion Ratio Lower Upper

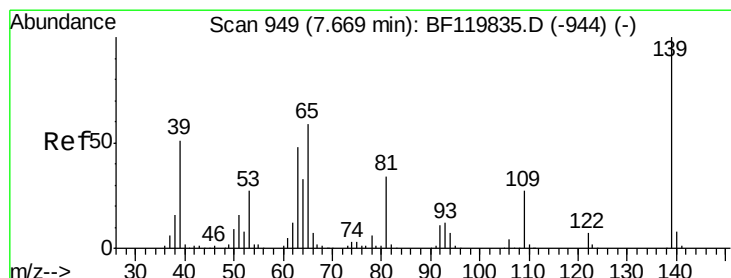
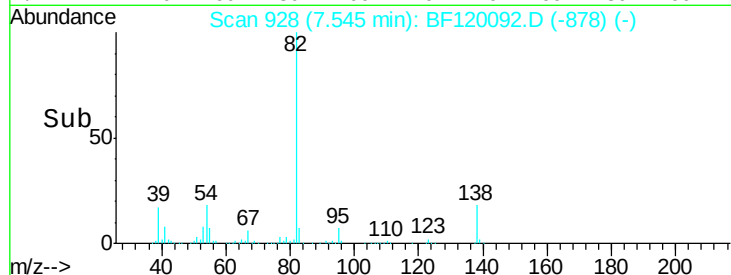
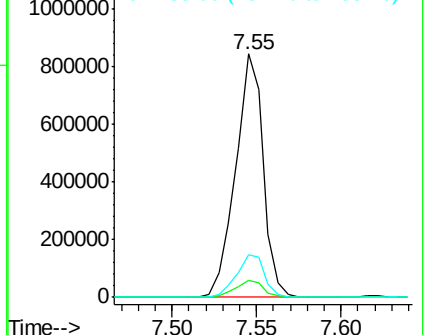
82 100

95 7.1 5.8 8.6

138 17.5 14.5 21.7



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 50.018 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

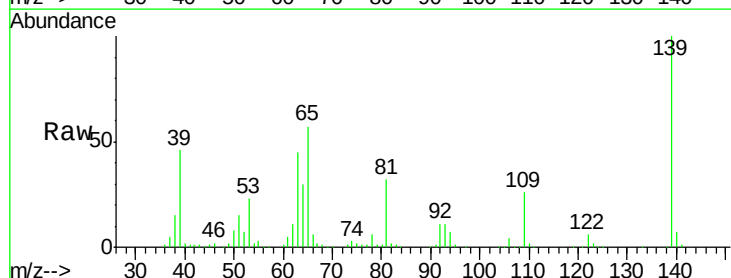
Tgt Ion: 139 Resp: 271577

Ion Ratio Lower Upper

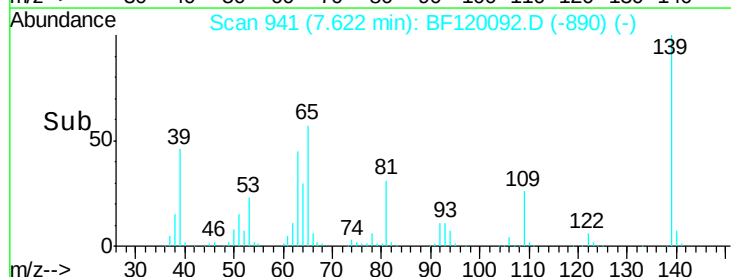
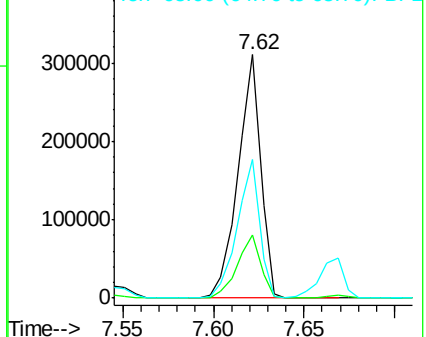
139 100

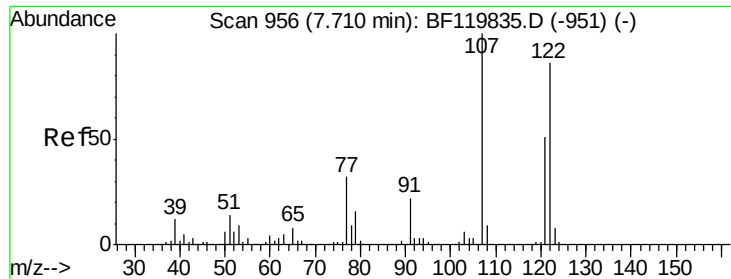
109 26.2 21.8 32.6

65 56.7 47.0 70.4



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





#27

2,4-Dimethylphenol

Concen: 52.226 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

Instrument :

BNA_F

ClientSampleId :

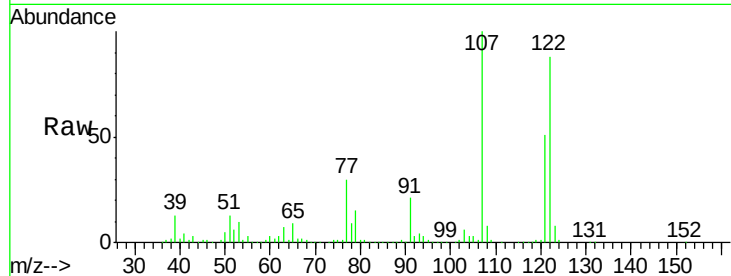
Tot Ion:122 Resp: 427669

Ion Ratio Lower Upper

122 100

107 113.1 92.3 138.5

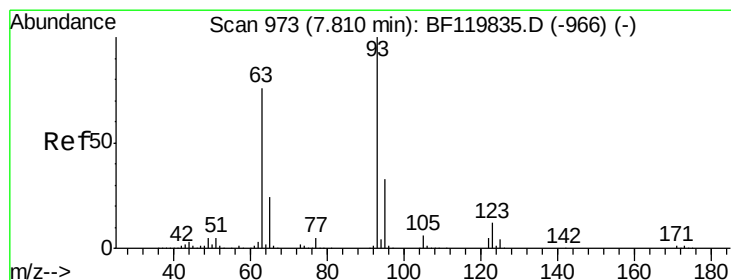
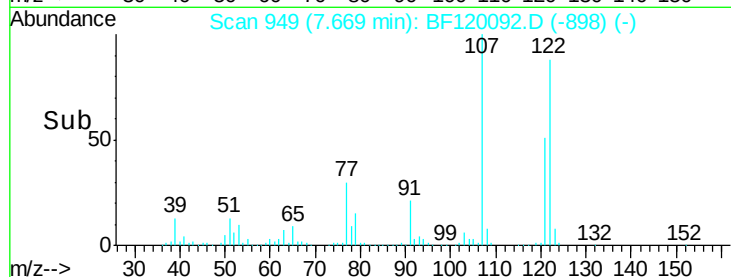
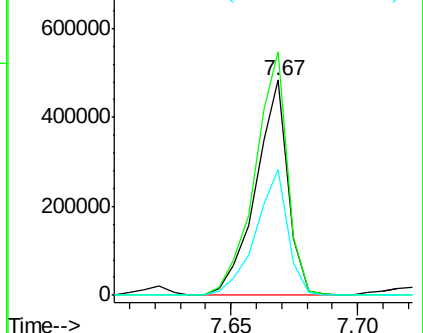
121 58.2 46.6 70.0



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: 49.007 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

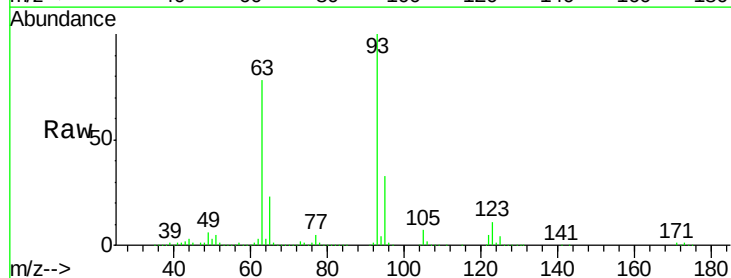
Tgt Ion: 93 Resp: 600564

Ion Ratio Lower Upper

93 100

95 32.7 26.4 39.6

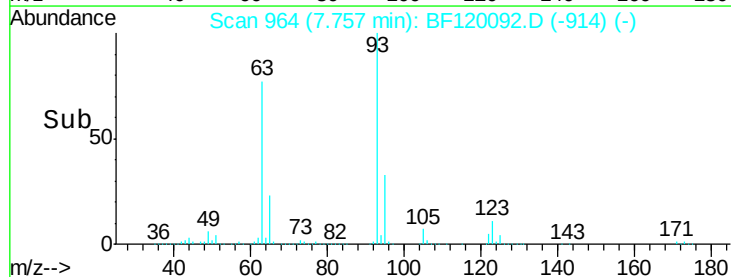
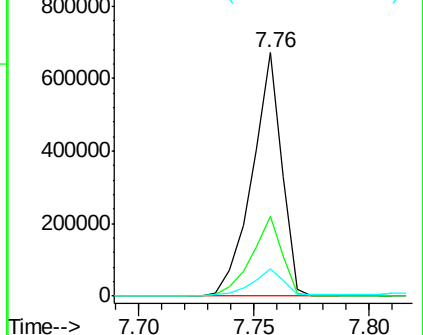
123 11.1 9.7 14.5

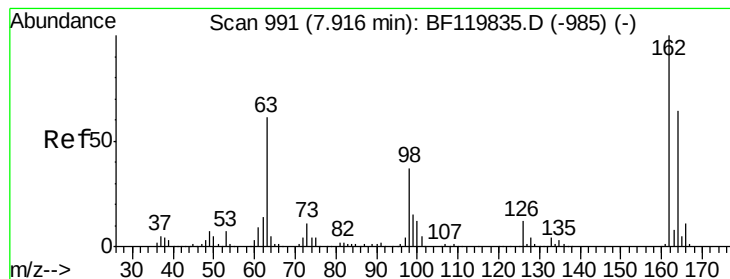


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

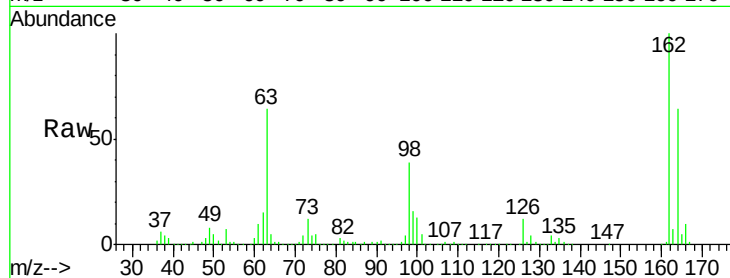




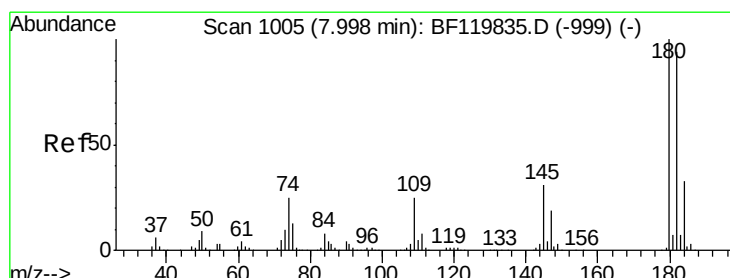
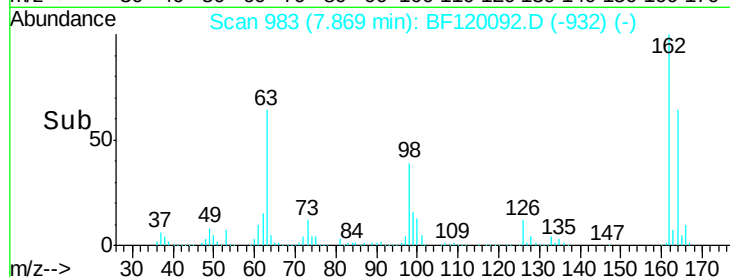
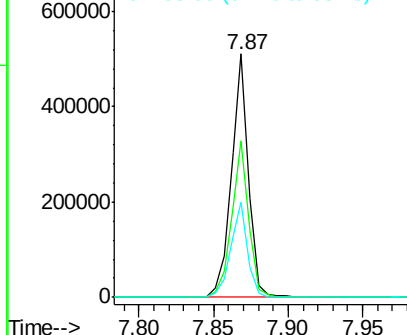
#29
2,4-Dichlorophenol
Concen: 49.390 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 414563
Ion Ratio Lower Upper
162 100
164 64.2 44.4 84.4
98 39.0 17.3 57.3

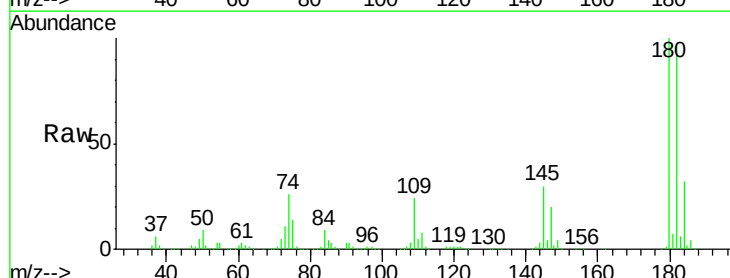


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

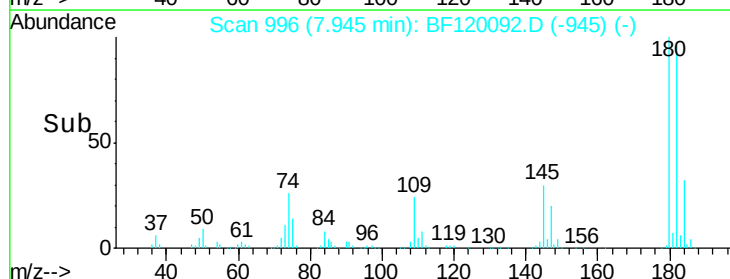
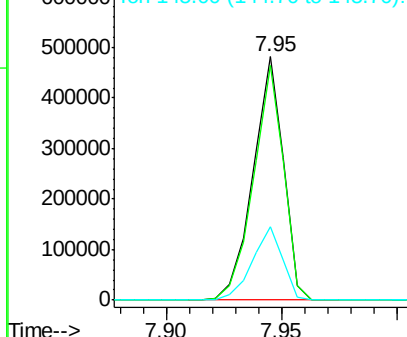


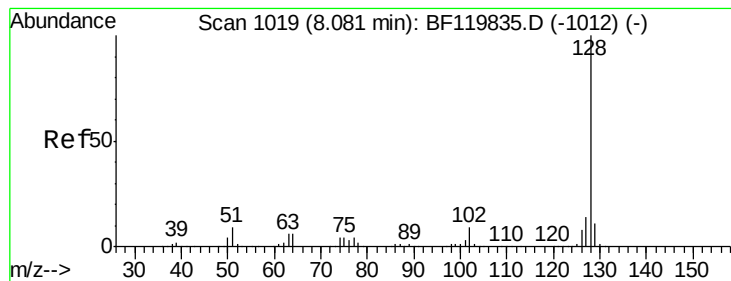
#30
1,2,4-Trichlorobenzene
Concen: 46.343 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Tgt Ion:180 Resp: 440753
Ion Ratio Lower Upper
180 100
182 96.5 75.4 113.0
145 30.3 24.6 37.0



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





#31

Naphthalene

Concen: 51.492 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

Instrument :

BNA_F

ClientSampleId :

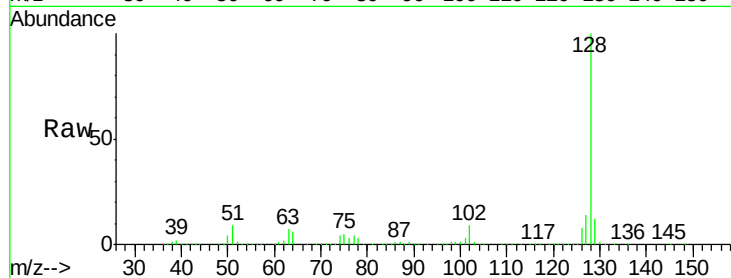
Tot Ion:128 Resp: 1514120

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.6

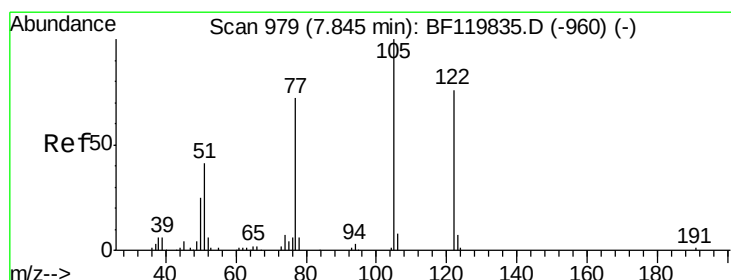
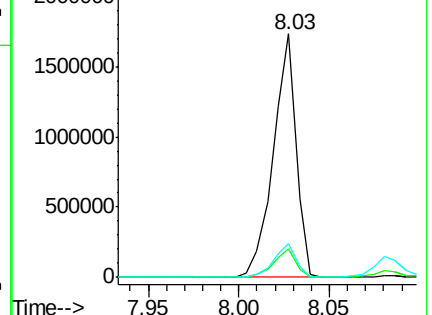
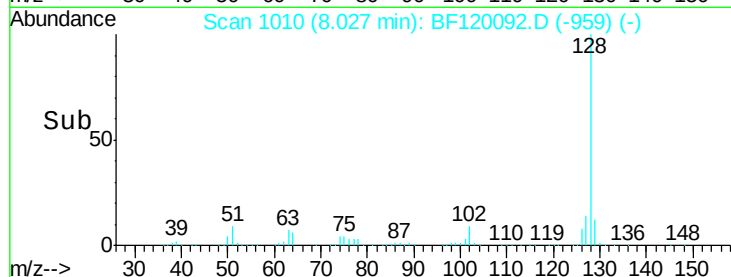
127 13.8 11.0 16.4



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: 49.423 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.00 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

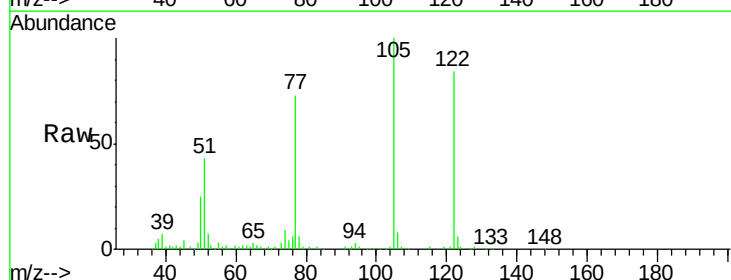
Tgt Ion:122 Resp: 355441

Ion Ratio Lower Upper

122 100

105 119.3 106.7 146.7

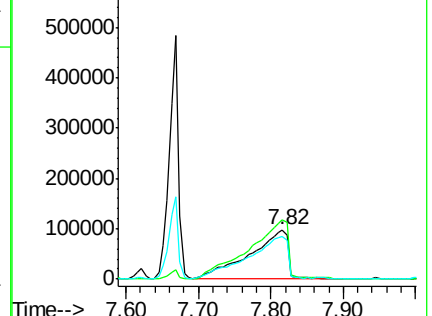
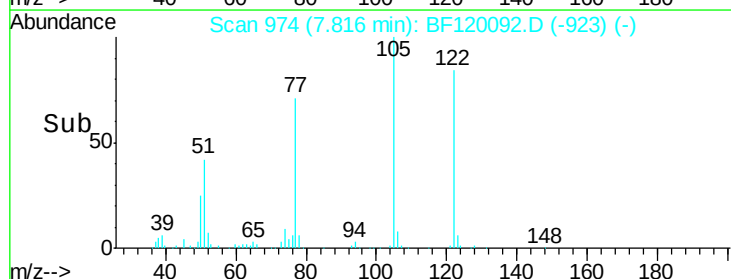
77 86.5 72.1 112.1

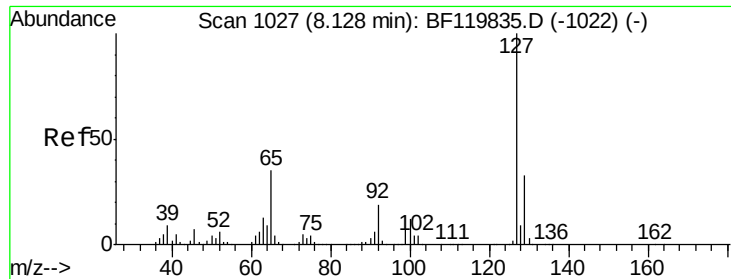


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

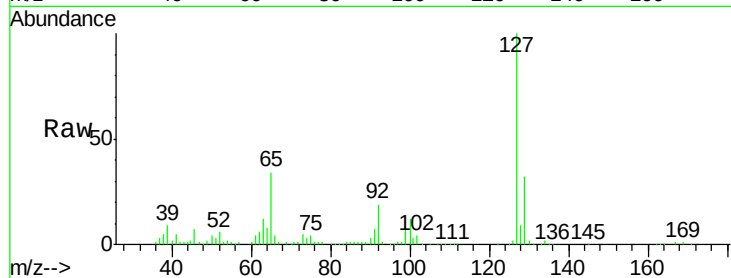




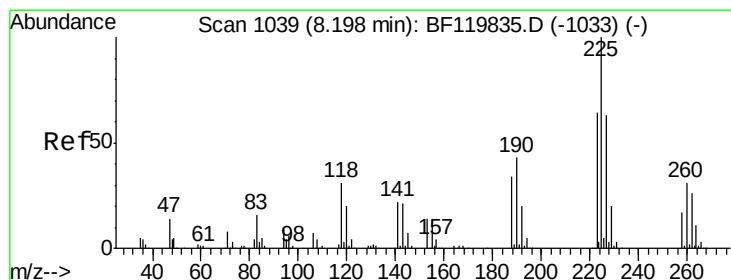
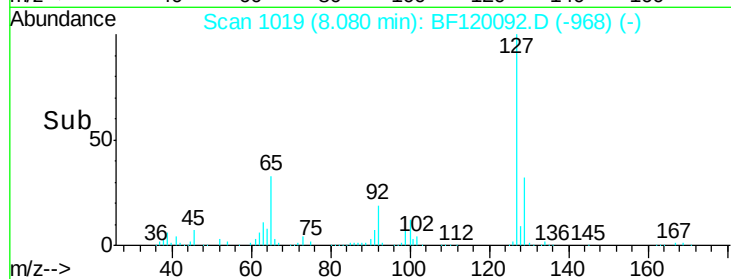
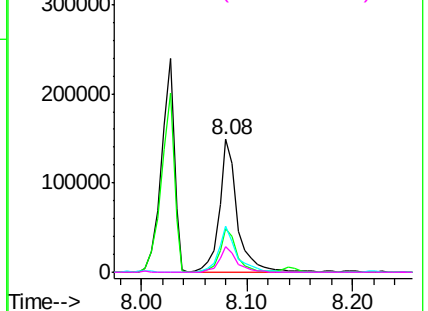
#33
4-Chloroaniline
Concen: 13.824 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	176967
Ion Ratio	Lower	Upper
127	100	
129	32.4	26.2 39.2
65	34.3	28.3 42.5
92	18.9	15.4 23.2

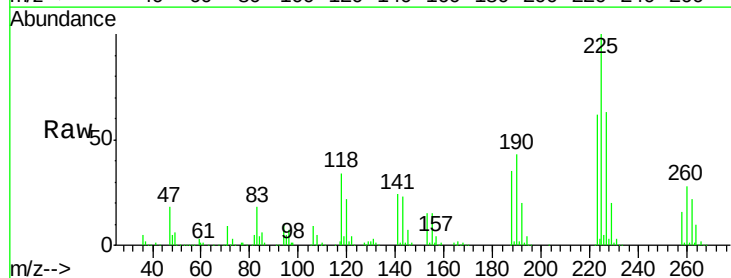


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

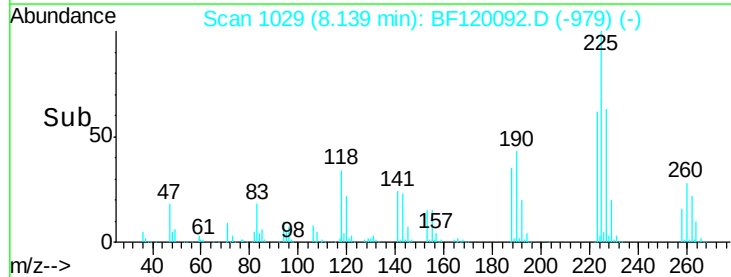
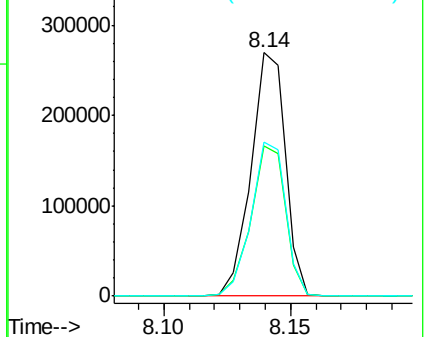


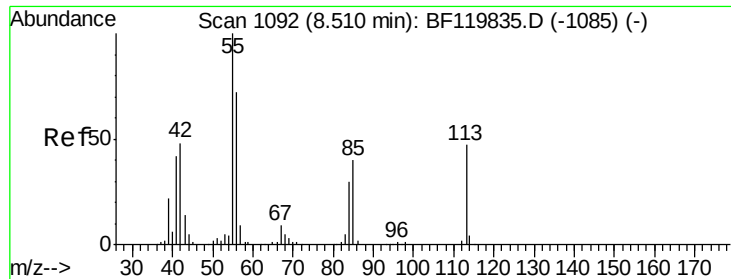
#34
Hexachlorobutadiene
Concen: 45.055 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Tgt Ion:225	Resp:	256506
Ion Ratio	Lower	Upper
225	100	
223	61.8	51.0 76.6
227	63.4	50.4 75.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 20.632 ng

RT: 8.52 min Scan# 1094

Delta R.T. 0.05 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

Instrument :

BNA_F

ClientSampleId :

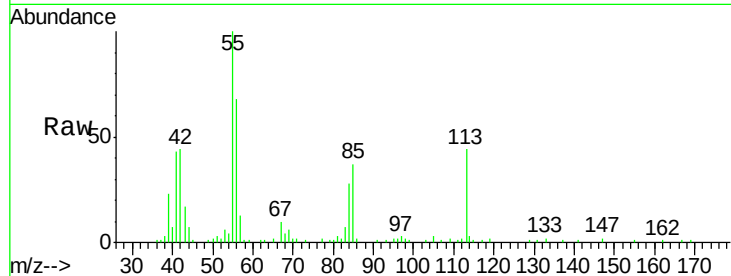
Tot Ion:113 Resp: 52975

Ion Ratio Lower Upper

113 100

55 228.8 192.7 232.7

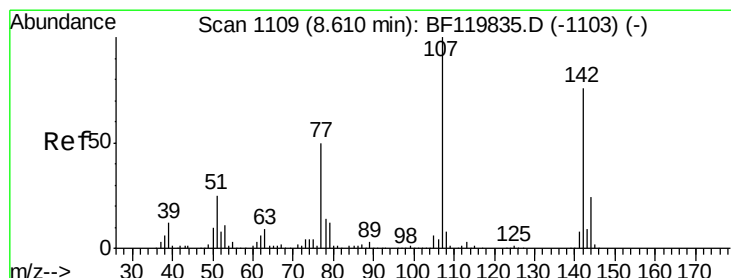
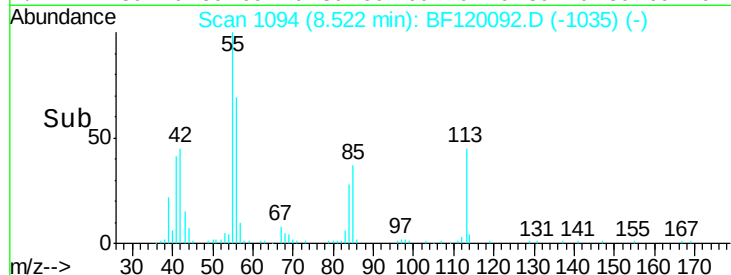
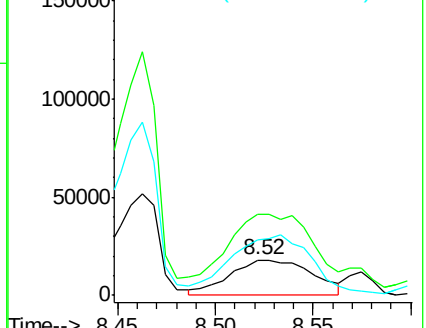
56 155.4 133.3 173.3



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: 50.096 ng

RT: 8.57 min Scan# 1103

Delta R.T. 0.01 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

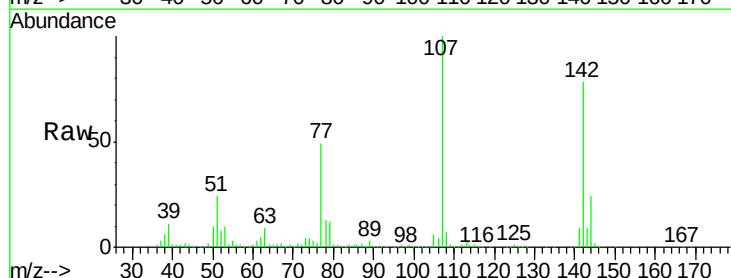
Tgt Ion:107 Resp: 455249

Ion Ratio Lower Upper

107 100

144 24.3 19.5 29.3

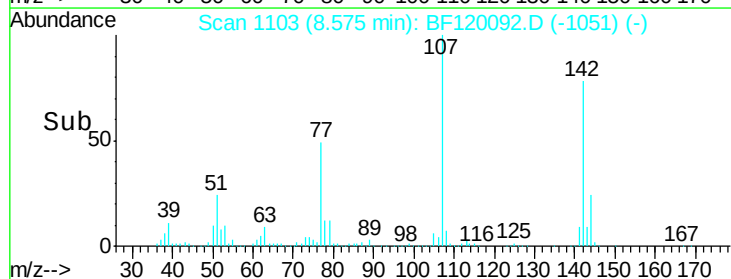
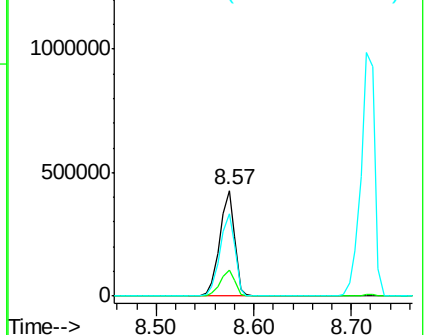
142 77.7 60.5 90.7

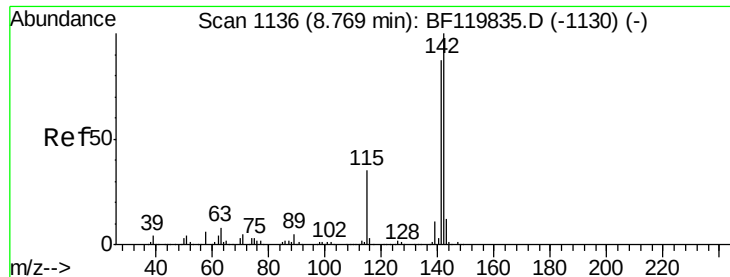


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 48.890 ng

RT: 8.72 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

Instrument :

BNA_F

ClientSampleId :

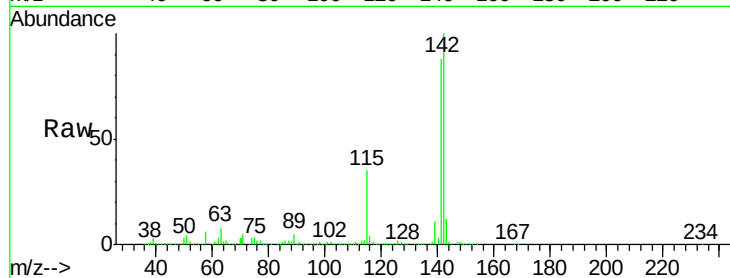
Tot Ion:142 Resp: 974653

Ion Ratio Lower Upper

142 100

141 87.7 69.9 104.9

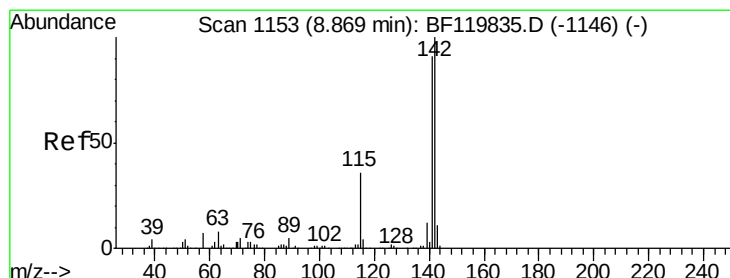
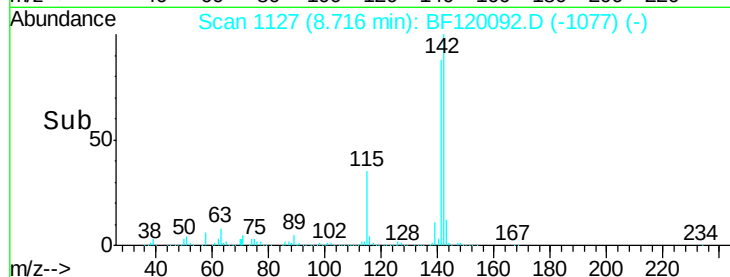
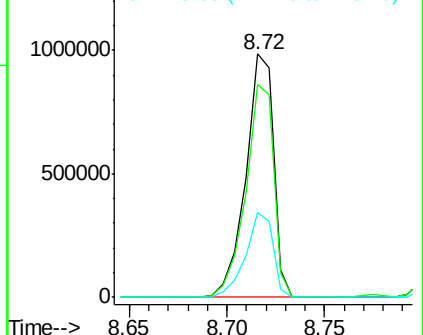
115 34.8 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 48.602 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

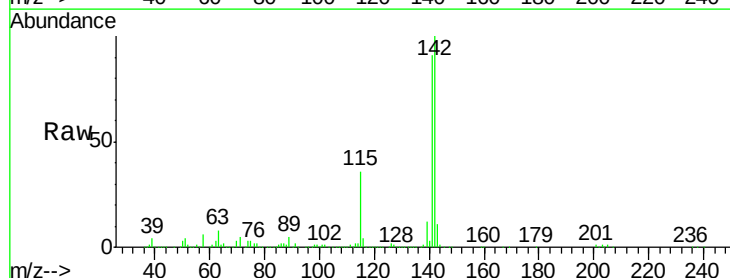
Tgt Ion:142 Resp: 913250

Ion Ratio Lower Upper

142 100

141 91.1 72.9 109.3

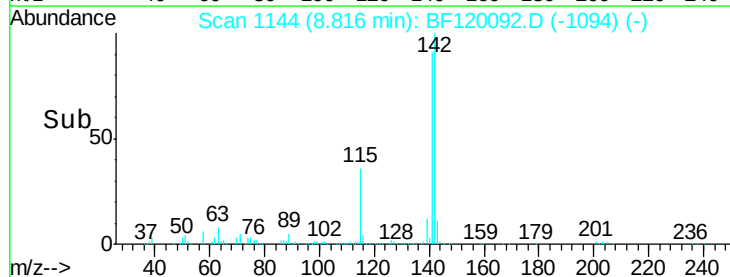
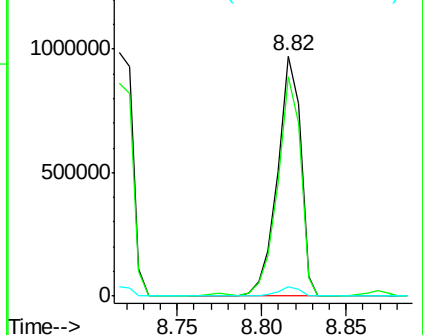
116 3.7 3.0 4.6

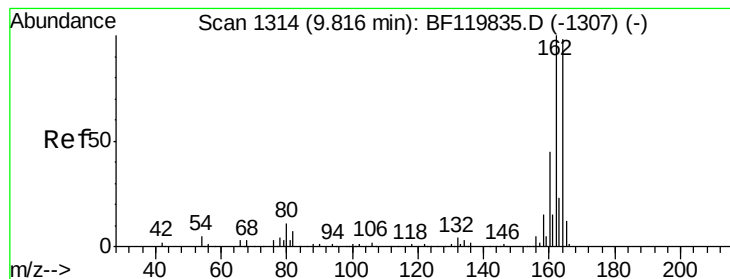


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

Instrument :

BNA_F

ClientSampleId :

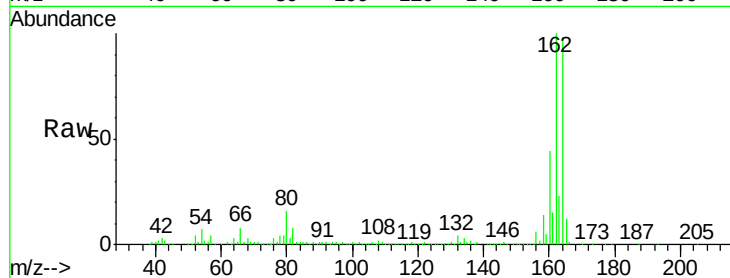
Tot Ion:164 Resp: 267855

Ion Ratio Lower Upper

164 100

162 101.7 81.9 122.9

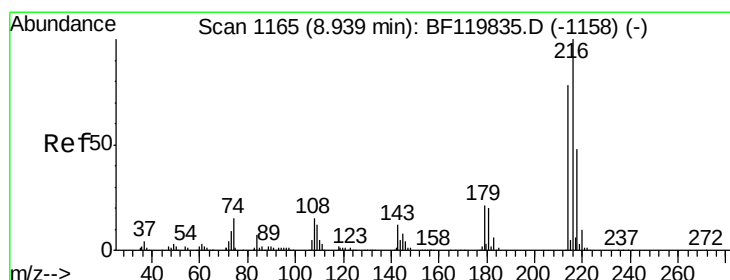
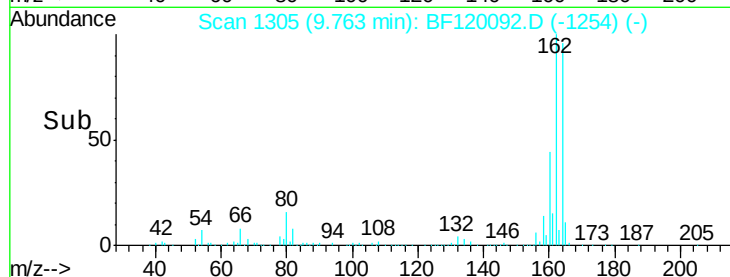
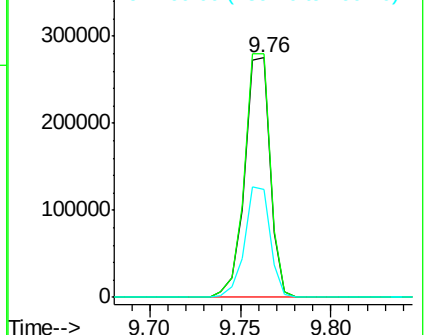
160 44.9 36.6 54.8



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: 50.213 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

Tgt Ion:216 Resp: 424806

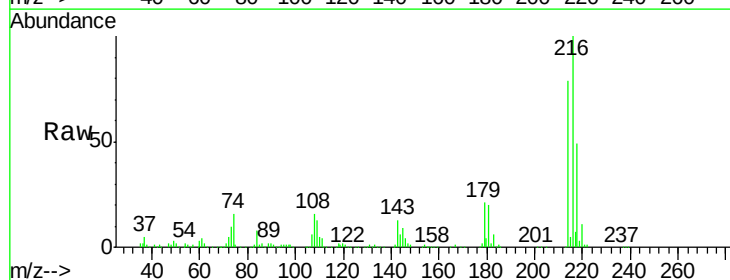
Ion Ratio Lower Upper

216 100

214 78.9 63.1 94.7

179 20.8 17.0 25.4

108 17.8 14.8 22.2

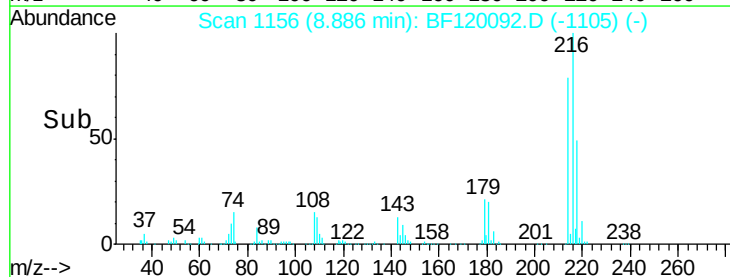
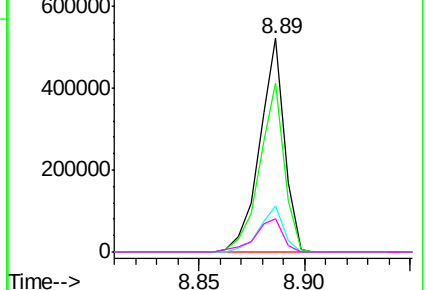


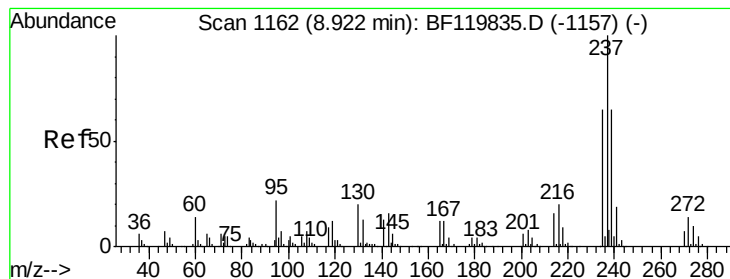
Abundance Ion 216.00 (215.70 to 216.70): E

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: 33.912 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

Instrument :

BNA_F

ClientSampleId :

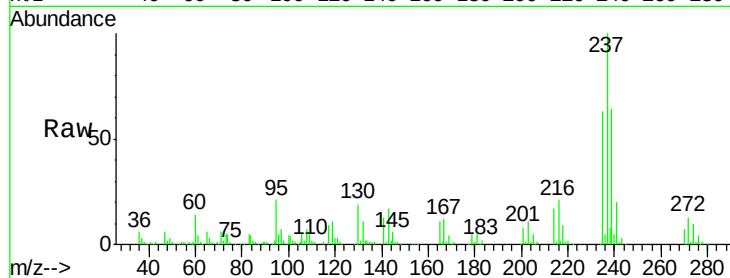
Tot Ion:237 Resp: 163142

Ion Ratio Lower Upper

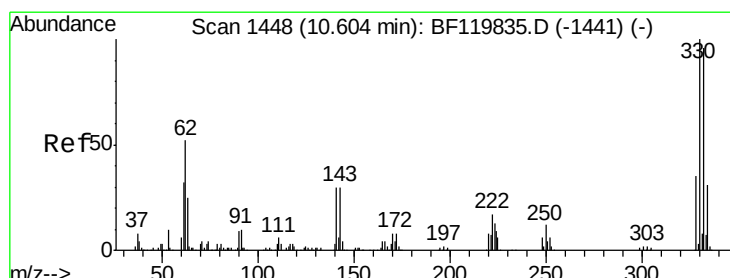
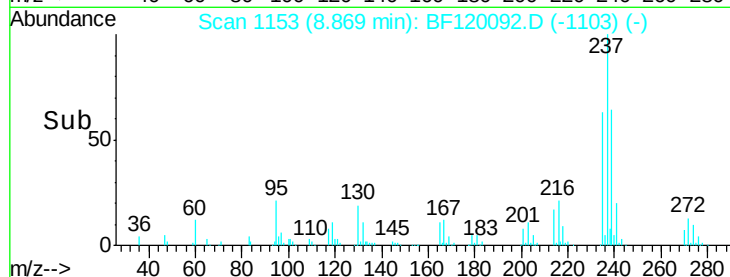
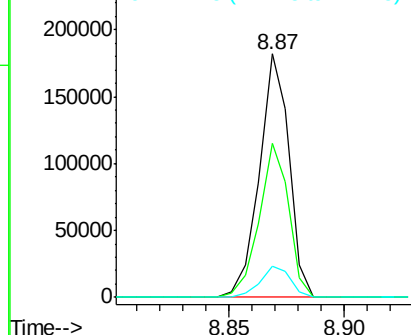
237 100

235 63.2 44.9 84.9

272 12.9 0.0 33.6



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: 76.473 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

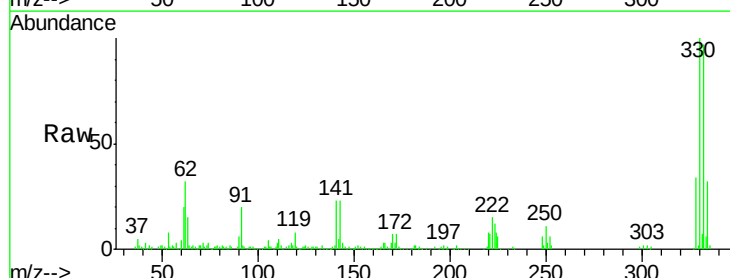
Tgt Ion:330 Resp: 250789

Ion Ratio Lower Upper

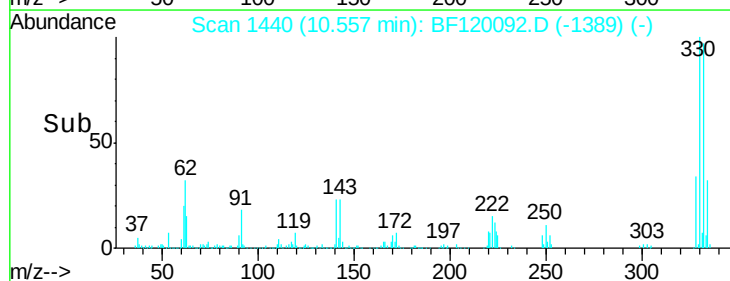
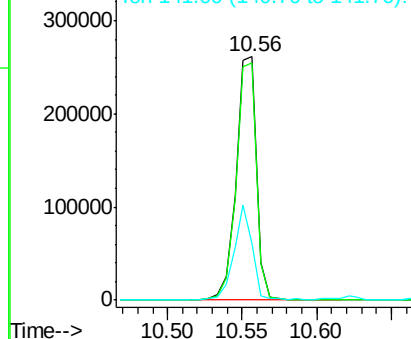
330 100

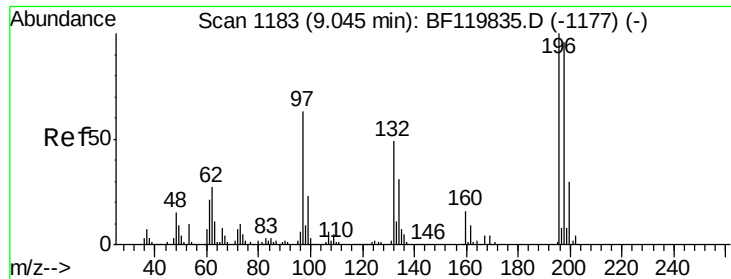
332 97.5 76.8 115.2

141 35.0 25.1 37.7



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

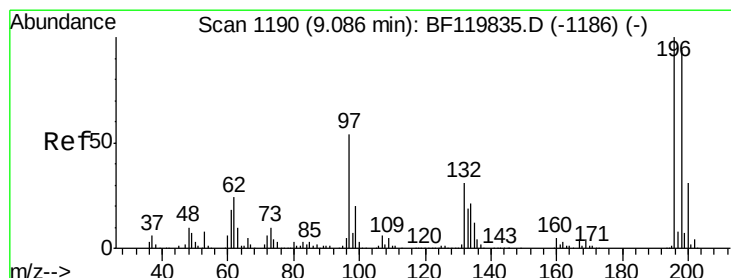
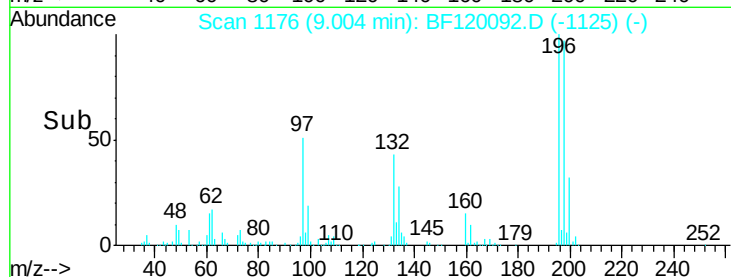
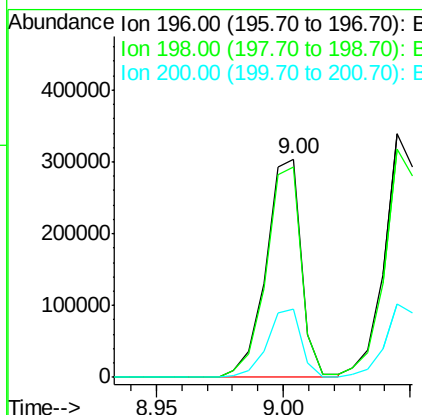
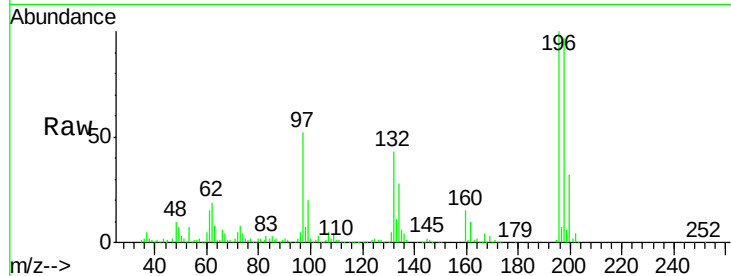




#43
 2,4,6-Trichlorophenol
 Concen: 50.883 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BF120092.D
 Acq: 20 Apr 2020 21:51

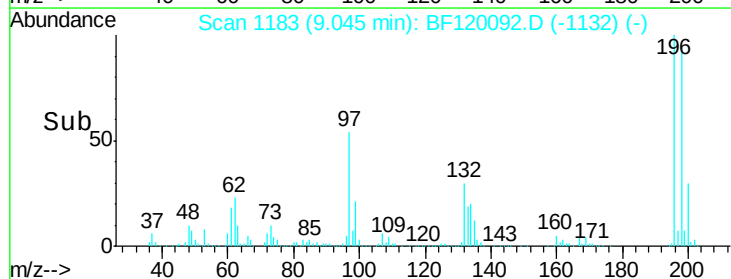
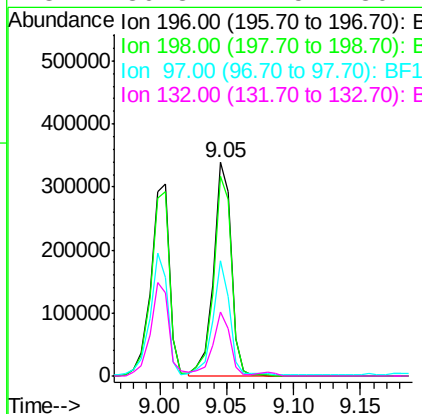
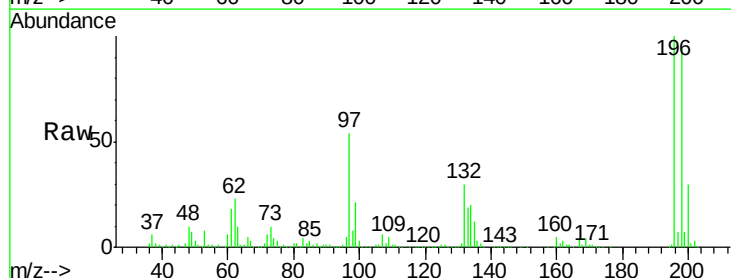
Instrument :
 BNA_F
 ClientSampleId :

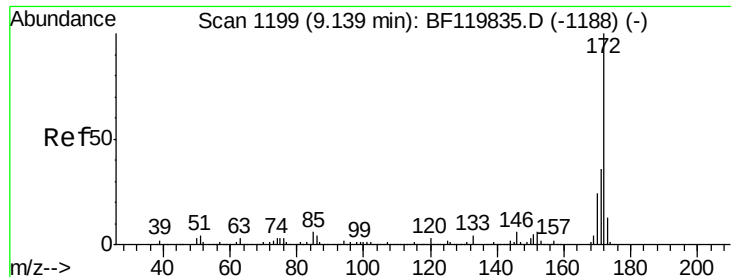
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.6	76.6	115.0
200	31.5	24.2	36.2



#44
 2,4,5-Trichlorophenol
 Concen: 48.441 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF120092.D
 Acq: 20 Apr 2020 21:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.6	75.1	112.7
97	54.0	43.4	65.2
132	30.3	24.5	36.7



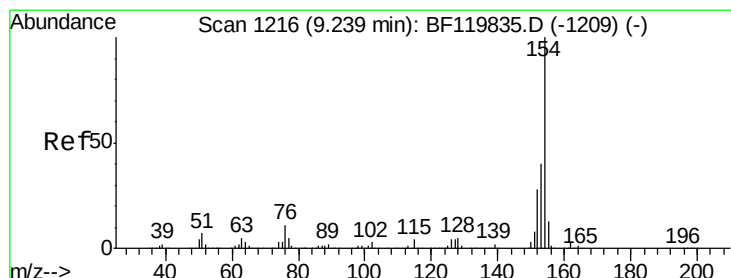
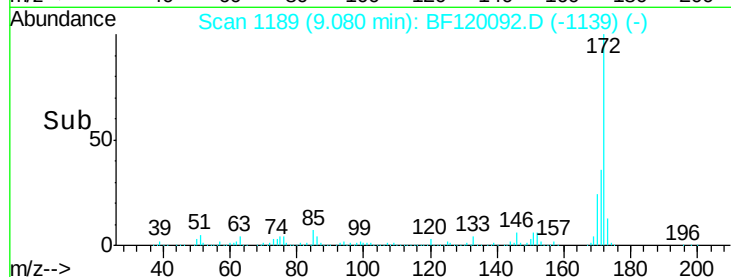
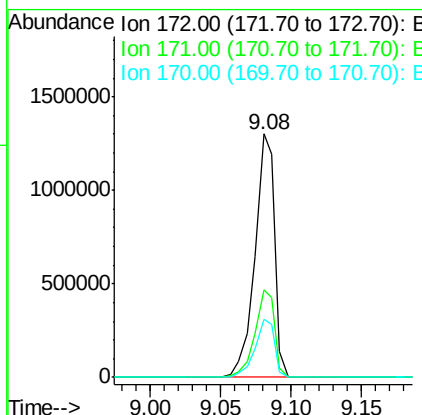
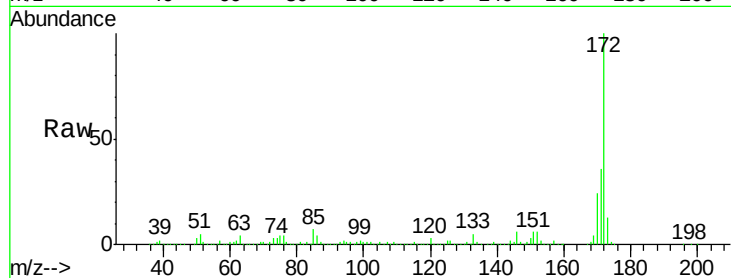


#45
 2-Fluorobiphenyl
 Concen: 67.836 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF120092.D
 Acq: 20 Apr 2020 21:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1279790

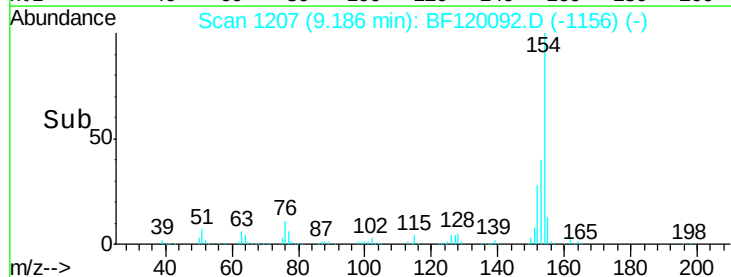
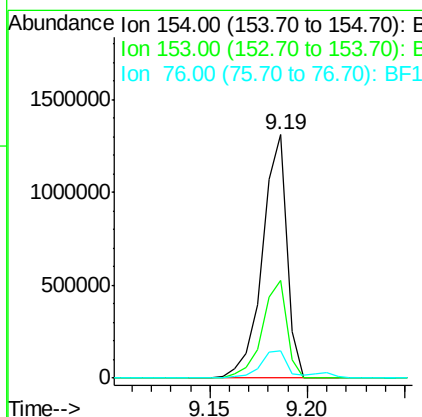
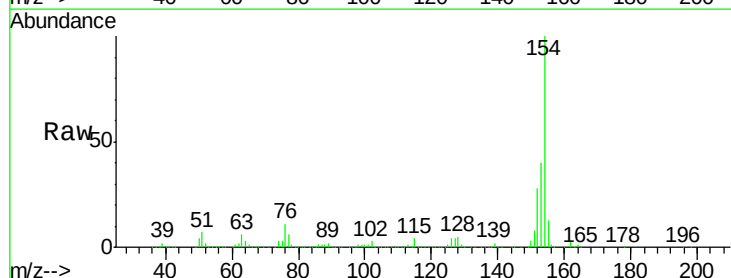
Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	23.6	19.4	29.2

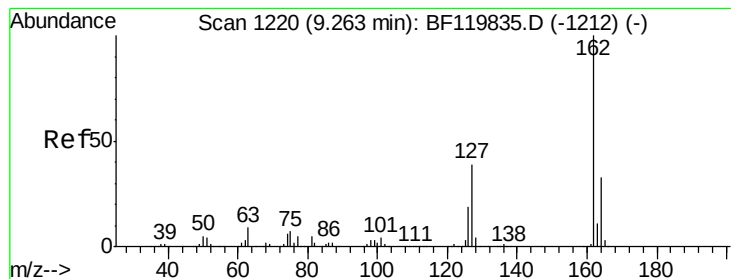


#46
 1,1'-Biphenyl
 Concen: 50.376 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF120092.D
 Acq: 20 Apr 2020 21:51

Tgt Ion:154 Resp: 1138924

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.5	60.5
76	11.1	0.0	30.6





#47

2-Chloronaphthalene

Concen: 50.310 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.00 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

Instrument :

BNA_F

ClientSampleId :

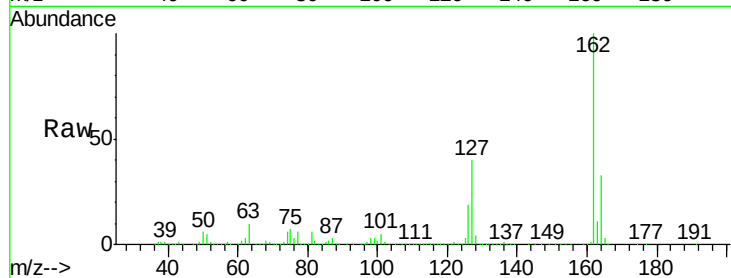
Tot Ion:162 Resp: 876219

Ion Ratio Lower Upper

162 100

127 39.6 31.2 46.8

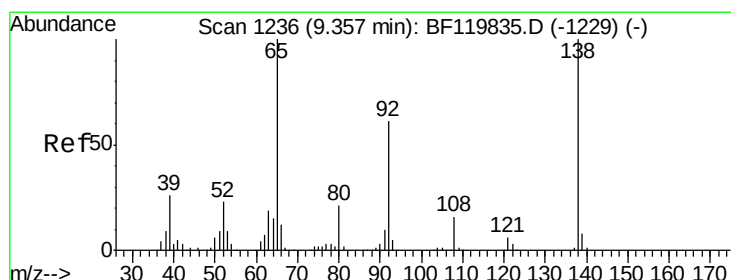
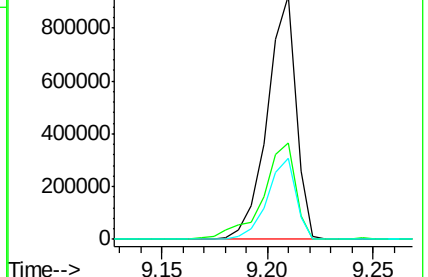
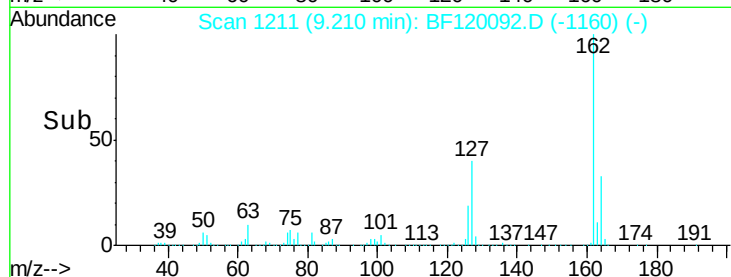
164 33.4 26.3 39.5



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: 49.857 ng

RT: 9.31 min Scan# 1228

Delta R.T. -0.00 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

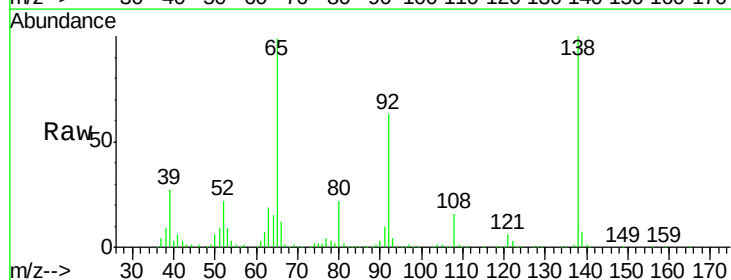
Tgt Ion: 65 Resp: 314668

Ion Ratio Lower Upper

65 100

92 64.0 49.0 73.6

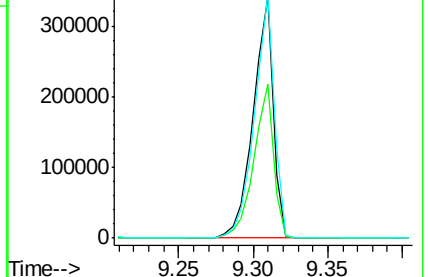
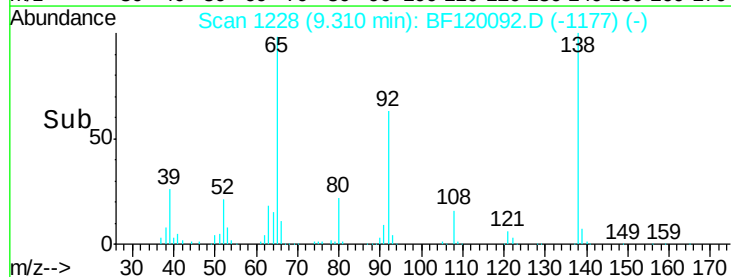
138 101.1 79.7 119.5

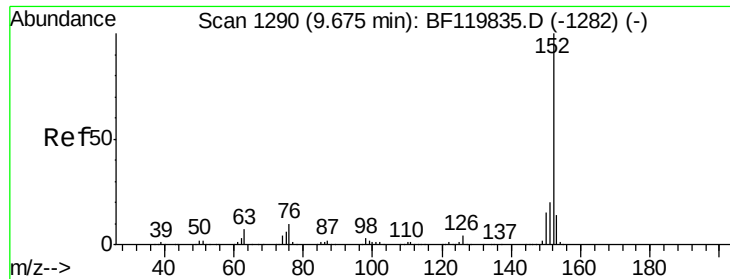


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 51.797 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

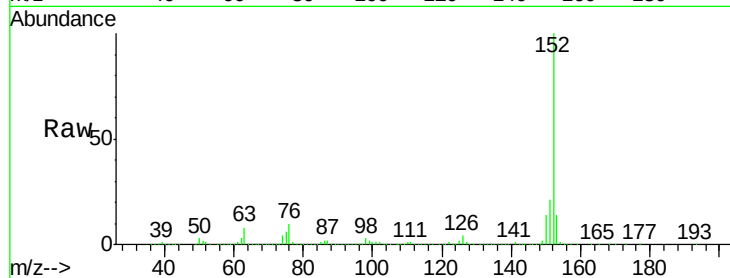
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 1371959

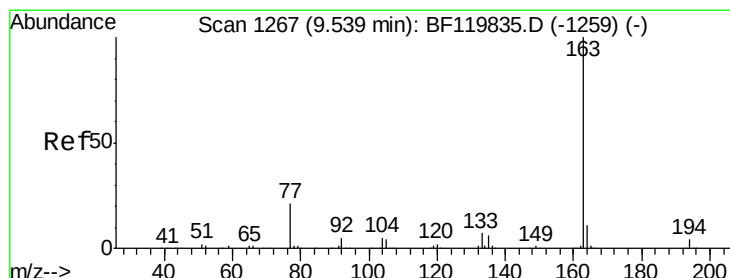
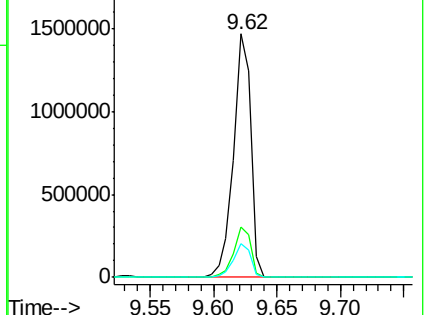
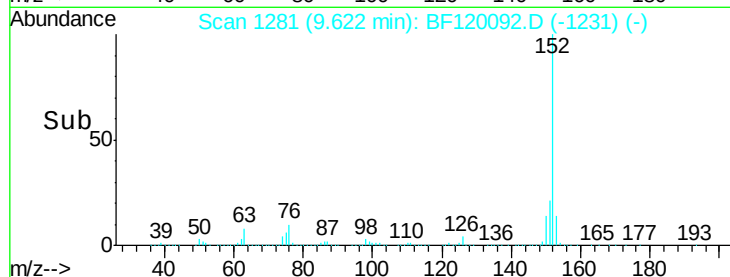
Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.2	24.4
153	13.6	10.9	16.3



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: 62.591 ng

RT: 9.49 min Scan# 1259

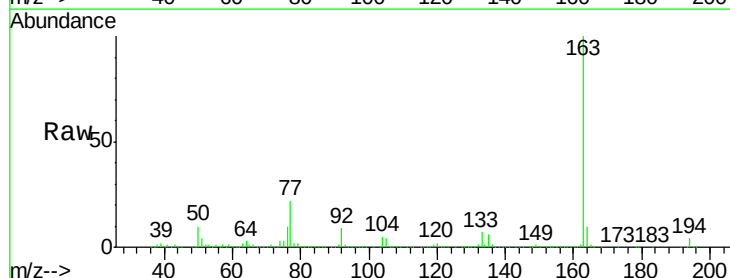
Delta R.T. -0.01 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

Tgt Ion:163 Resp: 1296767

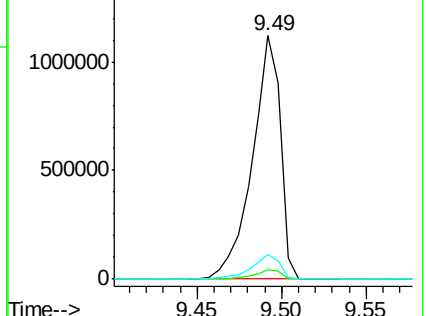
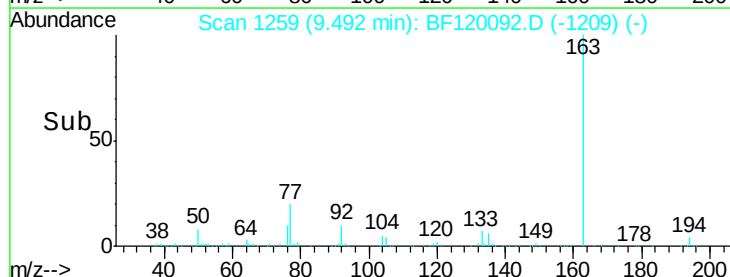
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	10.3	8.4	12.6

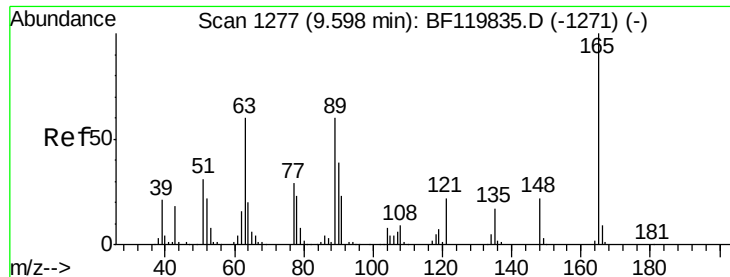


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

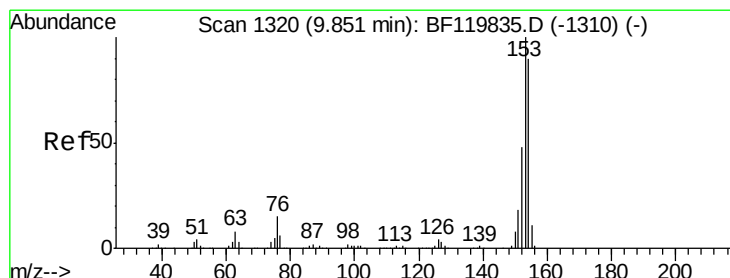
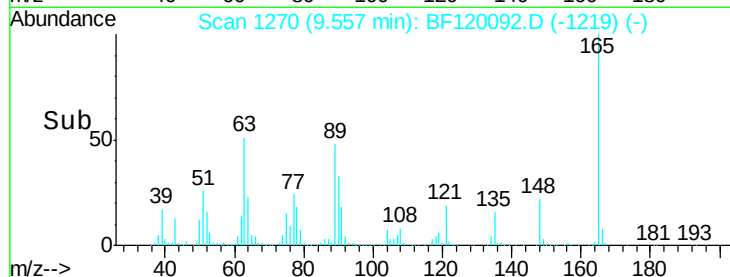
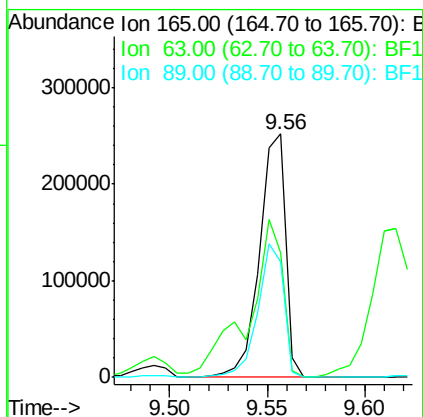
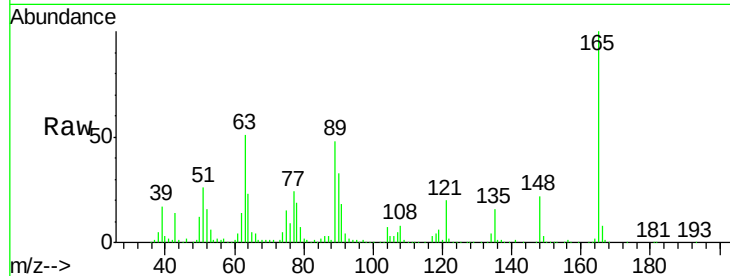




#51
2,6-Dinitrotoluene
Concen: 51.615 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

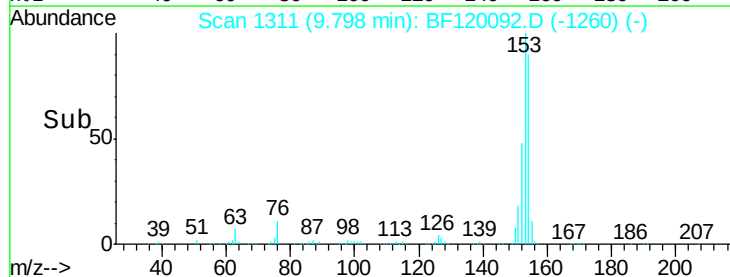
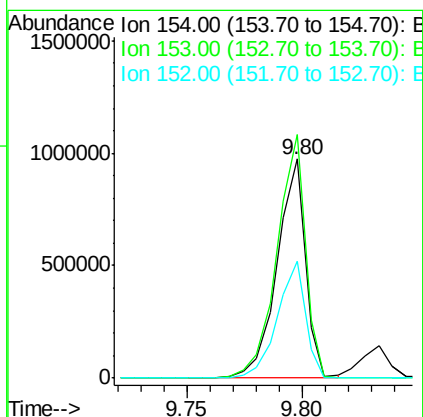
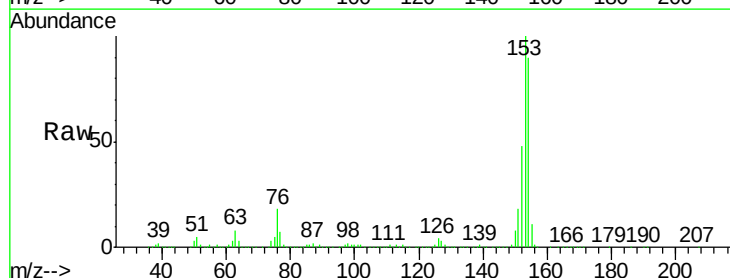
Instrument :
BNA_F
ClientSampleId :

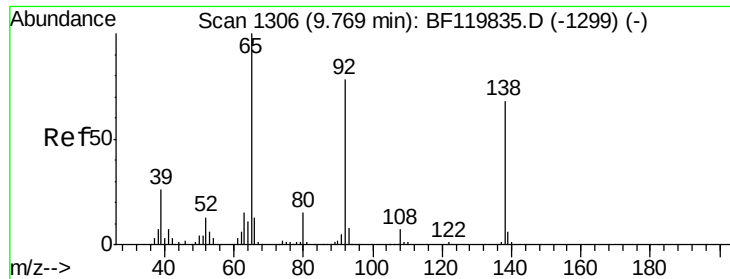
Tot Ion:165 Resp: 234173
Ion Ratio Lower Upper
165 100
63 51.1 55.6 83.4#
89 47.6 47.9 71.9#



#52
Acenaphthene
Concen: 46.917 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Tgt Ion:154 Resp: 828950
Ion Ratio Lower Upper
154 100
153 111.1 88.8 133.2
152 53.6 42.4 63.6

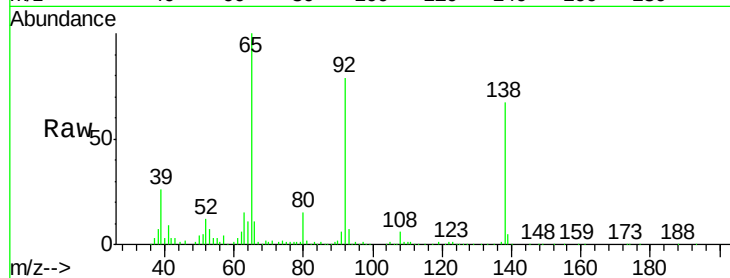




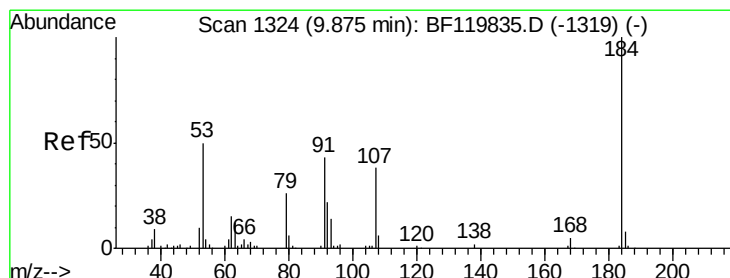
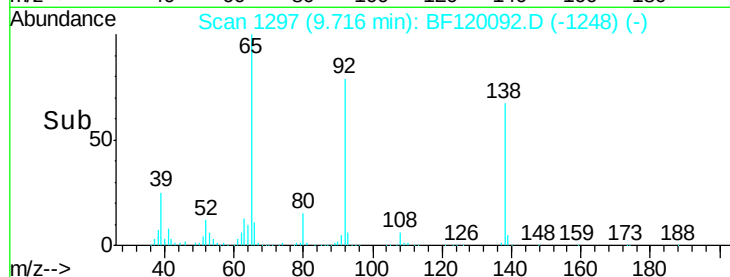
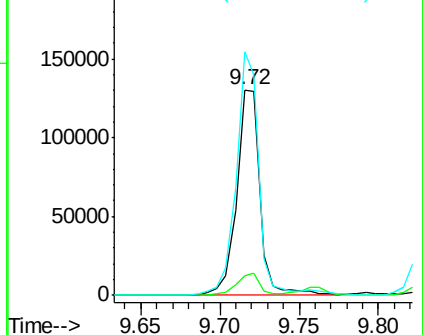
#53
3-Nitroaniline
Concen: 25.777 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 133567
Ion Ratio Lower Upper
138 100
108 9.7 8.0 12.0
92 118.5 92.1 138.1

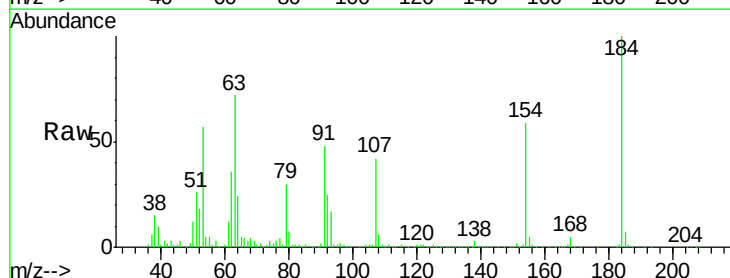


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

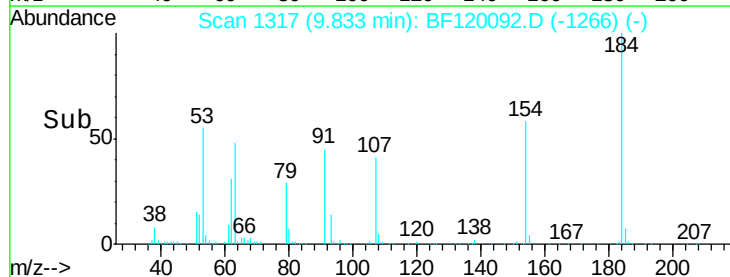
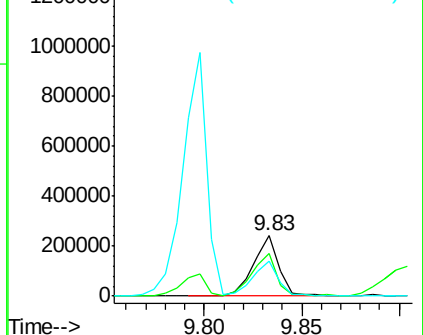


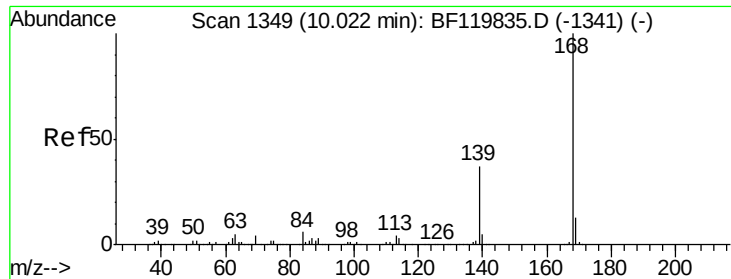
#54
2,4-Dinitrophenol
Concen: 80.622 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Tgt Ion:184 Resp: 218992
Ion Ratio Lower Upper
184 100
63 71.6 49.8 74.6
154 58.7 46.5 69.7



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

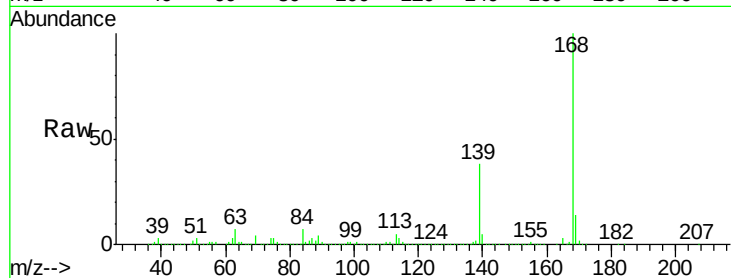




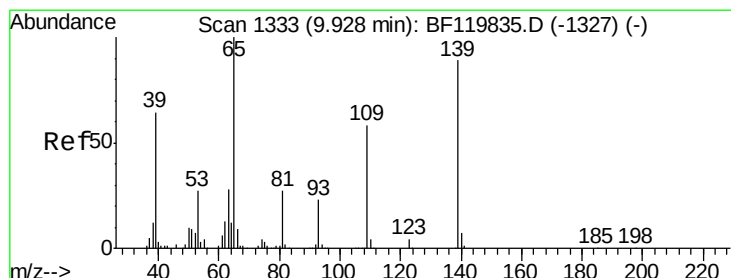
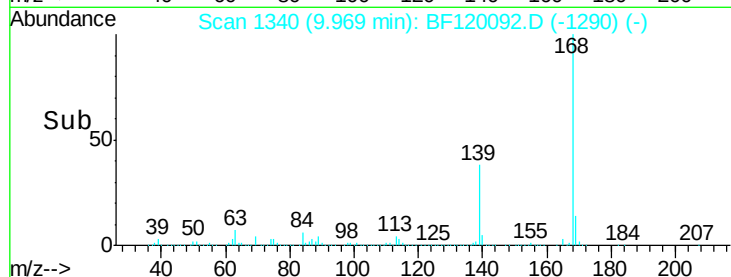
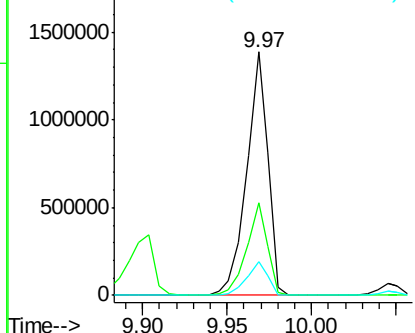
#55
Dibenzofuran
Concen: 50.521 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1224911
Ion Ratio Lower Upper
168 100
139 37.9 29.8 44.6
169 13.8 10.6 15.8

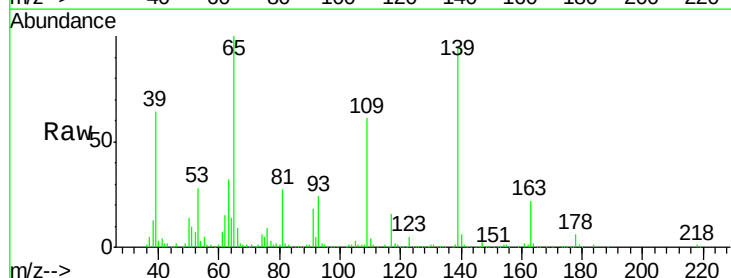


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

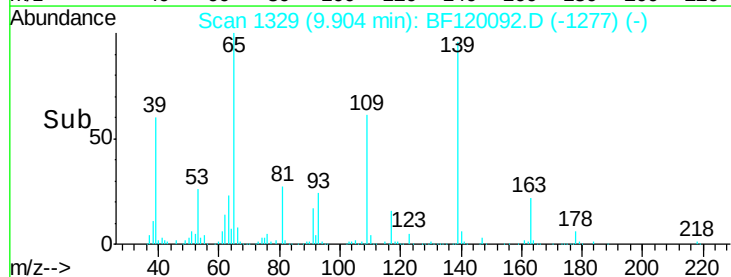
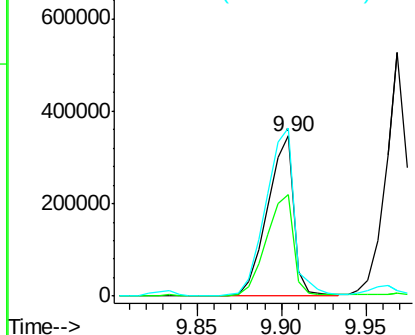


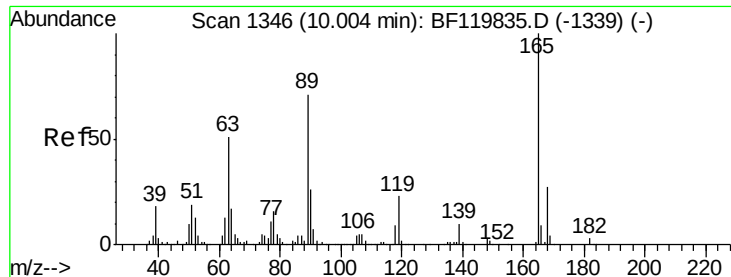
#56
4-Nitrophenol
Concen: 96.386 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Tgt Ion:139 Resp: 371604
Ion Ratio Lower Upper
139 100
109 63.8 45.5 85.5
65 105.1 92.3 132.3



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: 48.572 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 290337

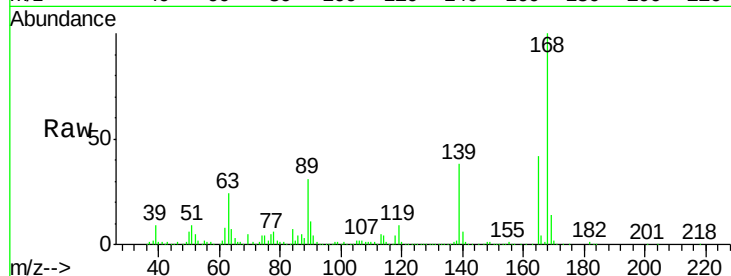
Ion Ratio Lower Upper

165 100

63 58.3 40.8 61.2

89 74.0 56.9 85.3

182 2.3 2.0 3.0

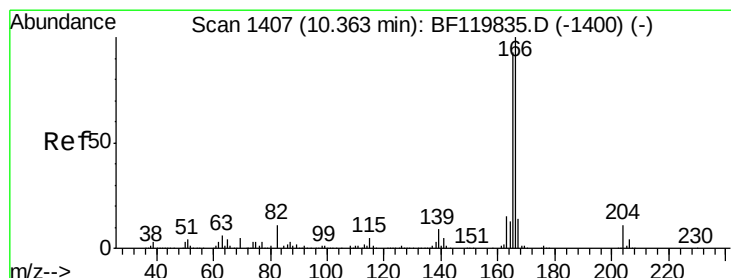
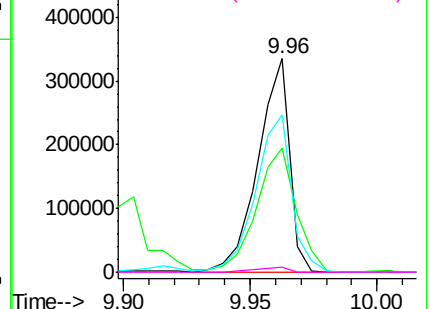
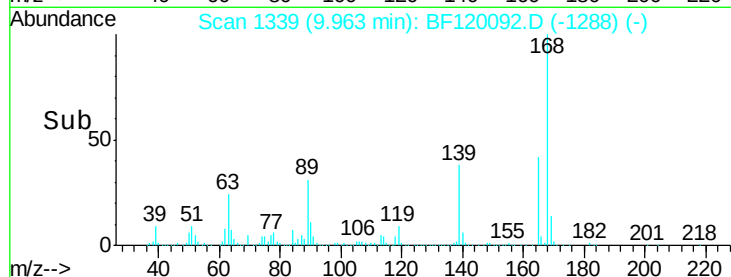


Abundance Ion 165.00 (164.70 to 165.70): E

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: 49.938 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.01 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

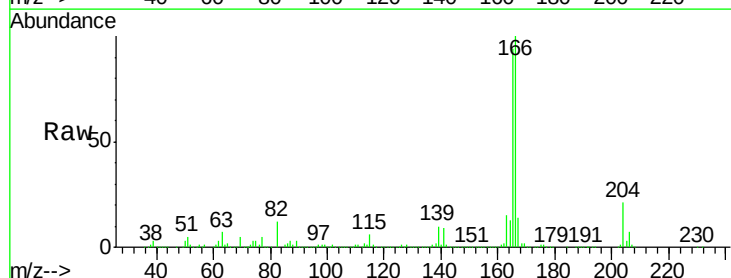
Tgt Ion:166 Resp: 968330

Ion Ratio Lower Upper

166 100

165 93.9 74.2 111.2

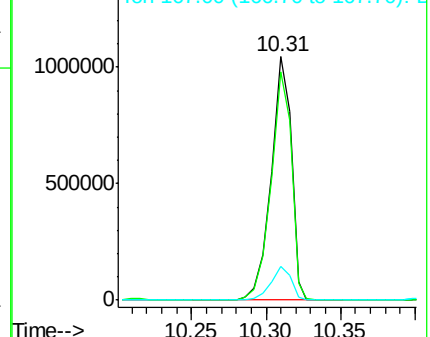
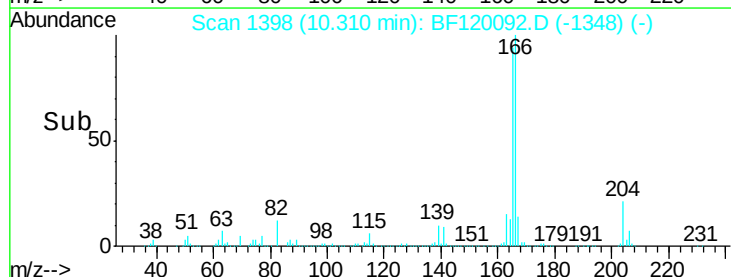
167 13.8 10.8 16.2

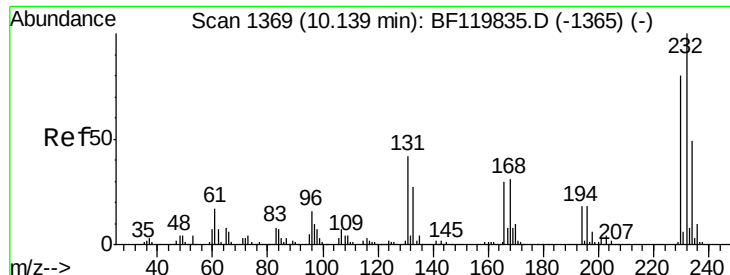


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

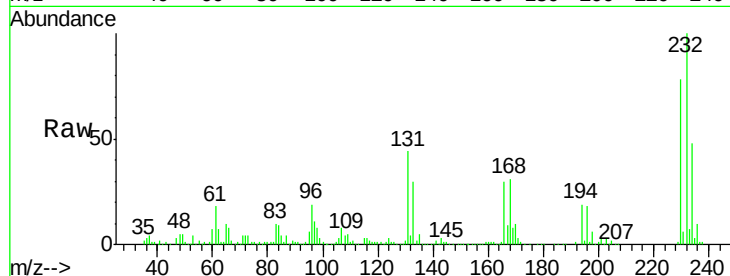




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.094 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.8	37.9	56.9
130	2.1	1.8	2.6
166	32.2	25.4	38.0



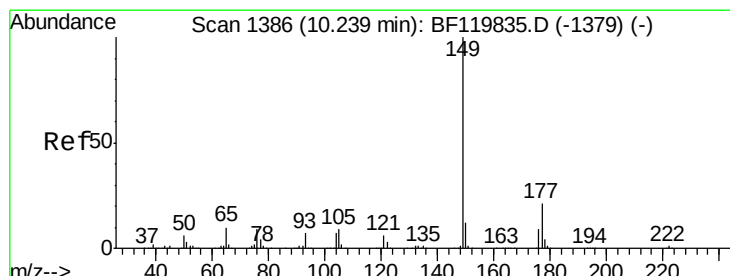
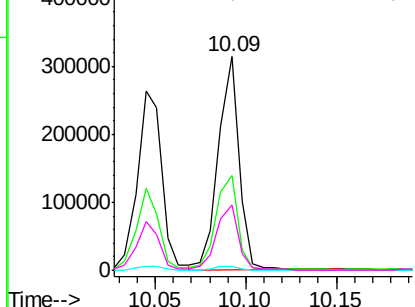
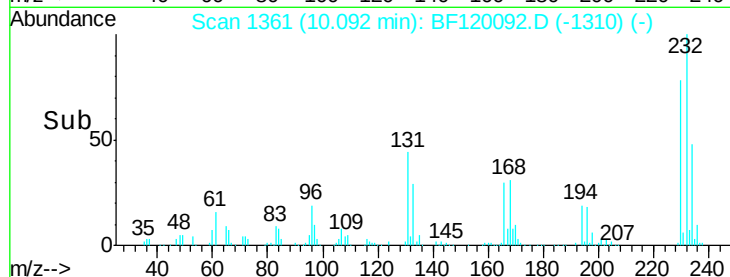
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

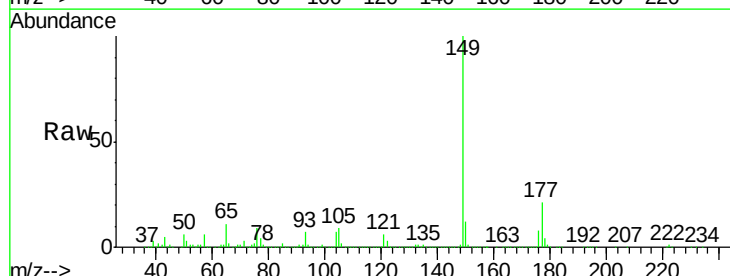
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 49.211 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.8	25.2
150	12.5	9.8	14.6

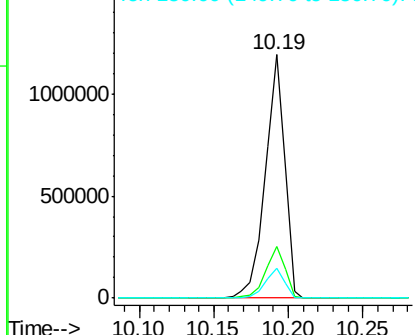
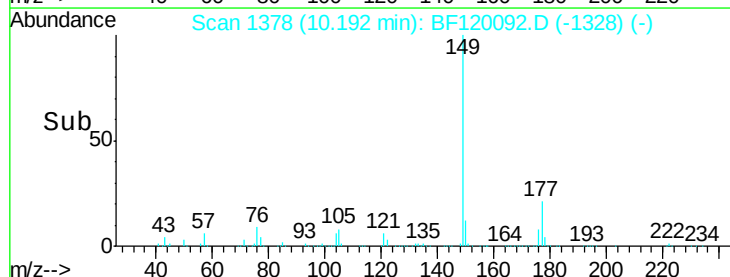


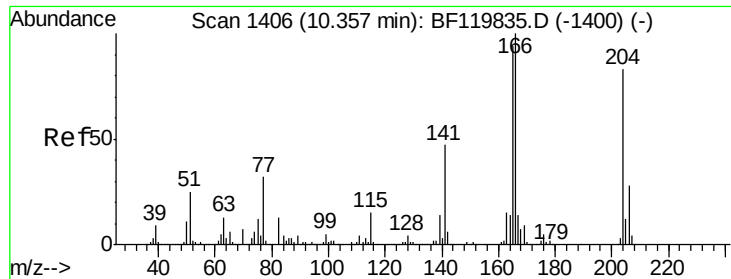
Abundance

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

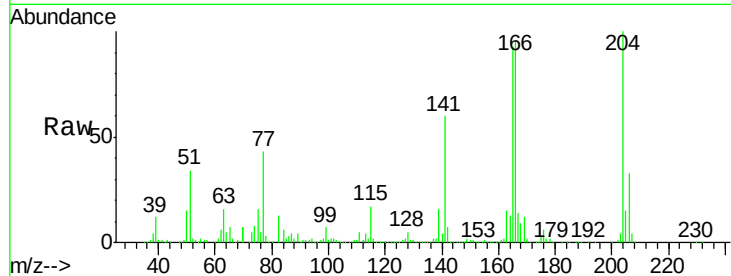




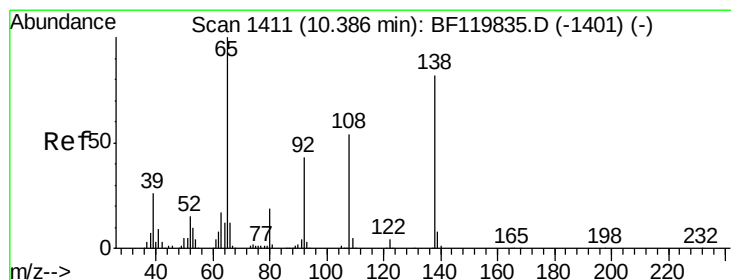
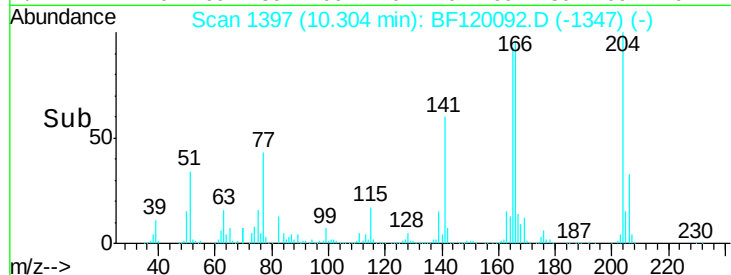
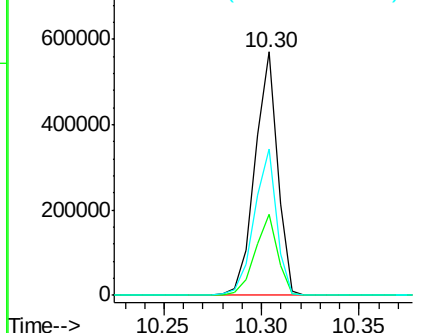
#61
 4-Chlorophenyl-phenylether
 Concen: 46.090 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF120092.D
 Acq: 20 Apr 2020 21:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 458061
 Ion Ratio Lower Upper
 204 100
 206 33.4 26.7 40.1
 141 60.2 45.8 68.8

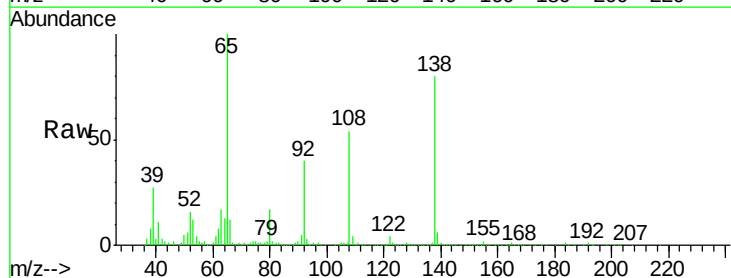


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

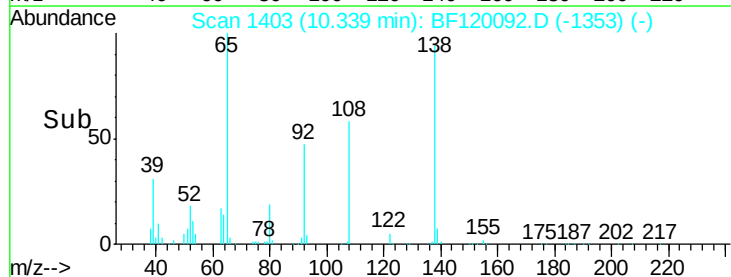
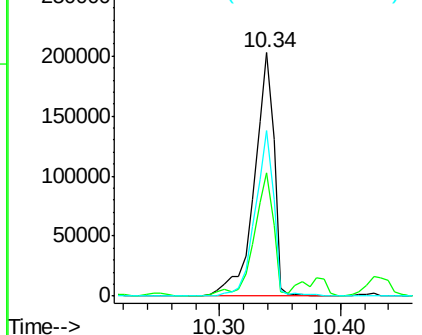


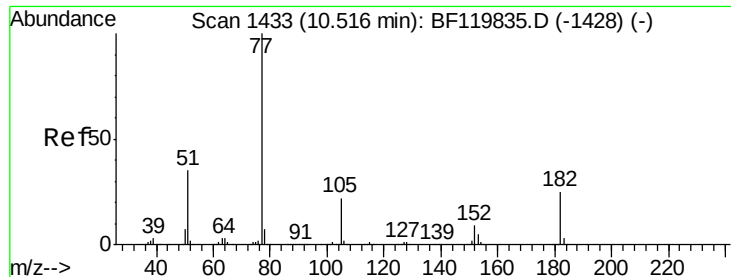
#62
 4-Nitroaniline
 Concen: 46.826 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF120092.D
 Acq: 20 Apr 2020 21:51

Tgt Ion:138 Resp: 231232
 Ion Ratio Lower Upper
 138 100
 92 50.5 31.6 71.6
 108 67.9 45.2 85.2



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

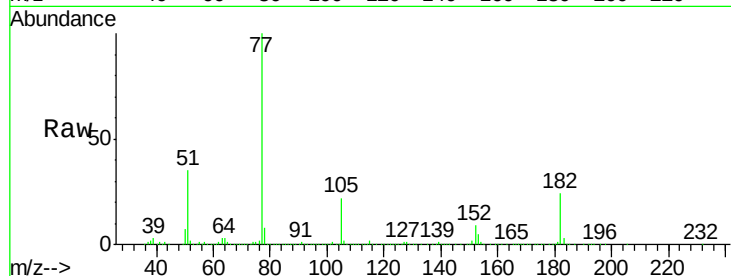




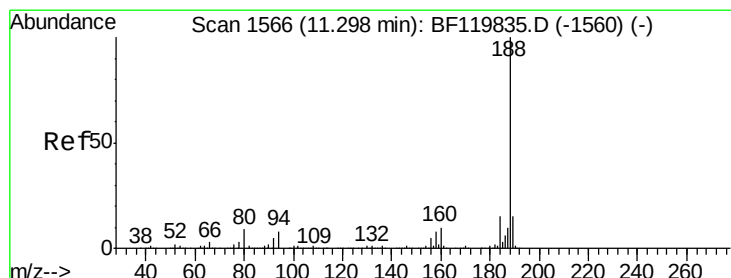
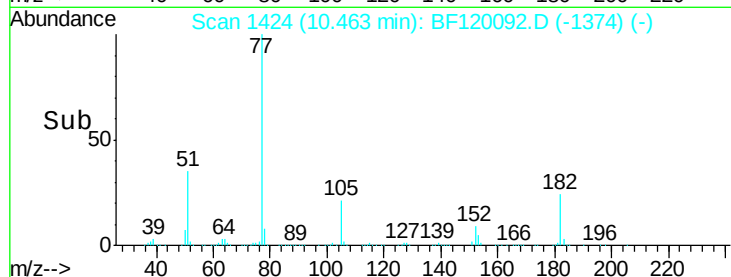
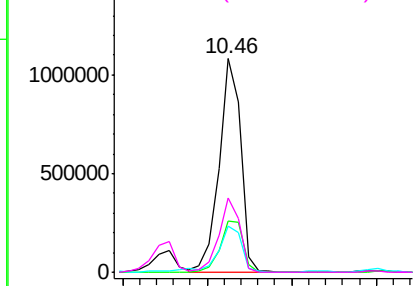
#63
Azobenzene
Concen: 49.869 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 959671
Ion Ratio Lower Upper
77 100
182 23.7 4.5 44.5
105 21.9 2.2 42.2
51 34.7 15.1 55.1

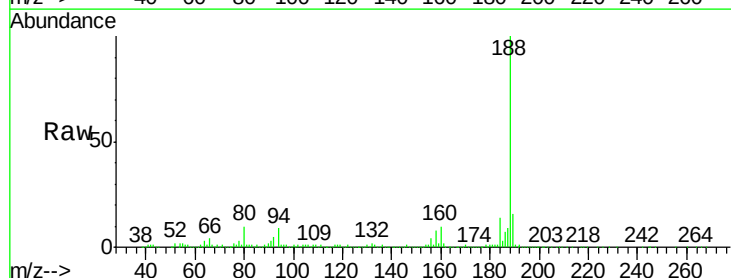


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

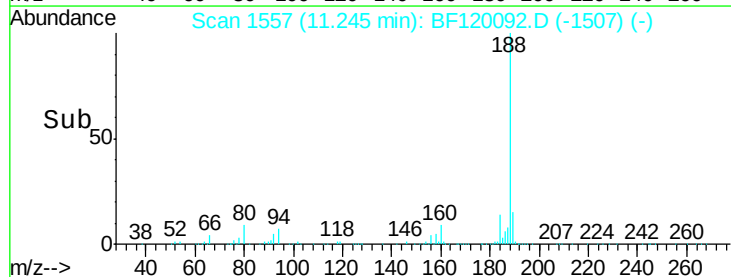
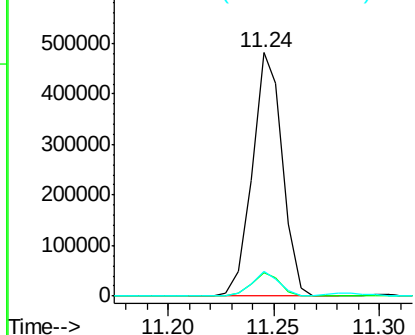


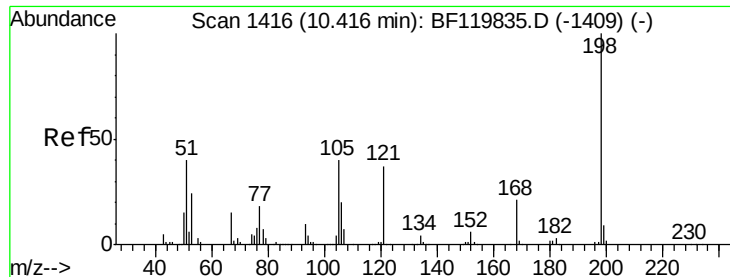
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Tgt Ion: 188 Resp: 476547
Ion Ratio Lower Upper
188 100
94 9.5 6.7 10.1
80 9.9 7.4 11.2



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

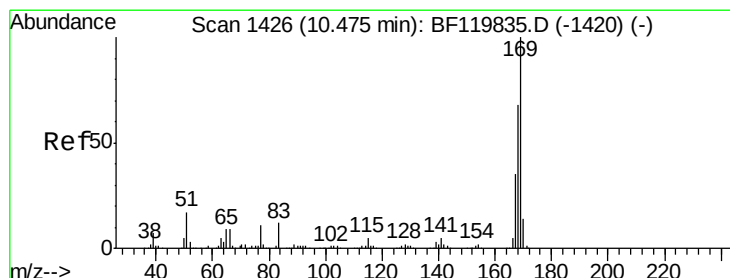
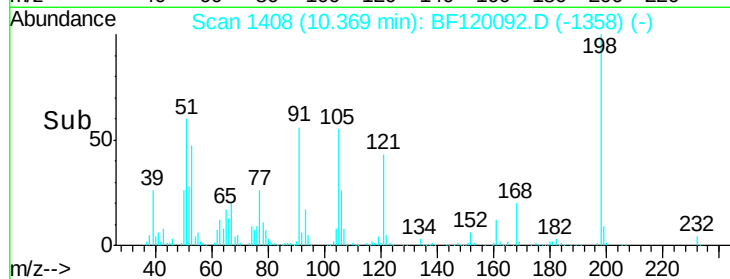
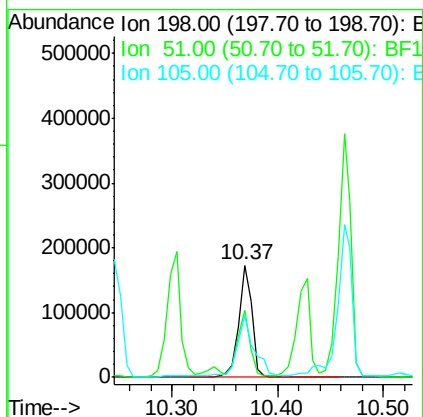
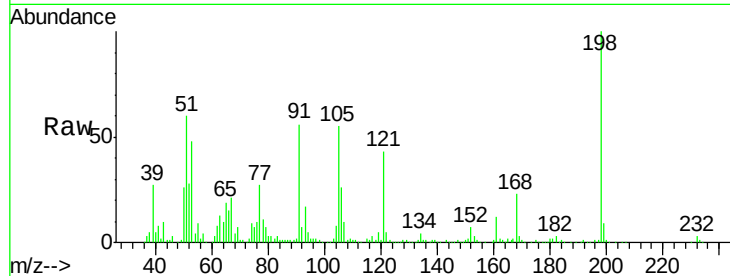




#65
4,6-Dinitro-2-methylphenol
Concen: 47.068 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

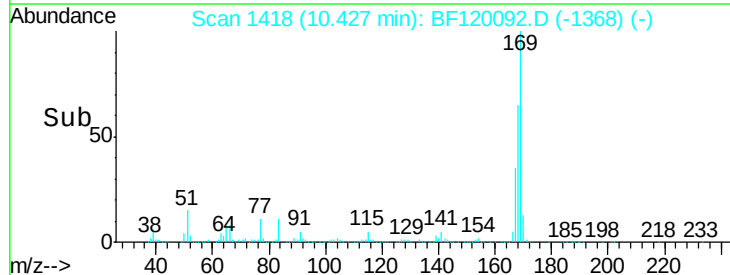
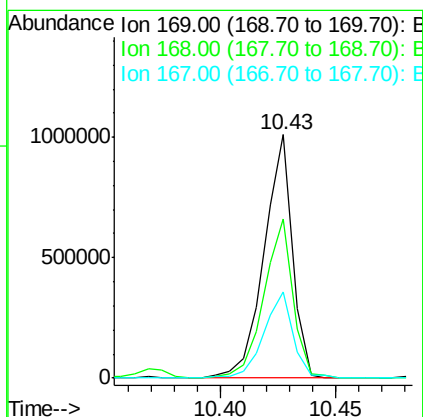
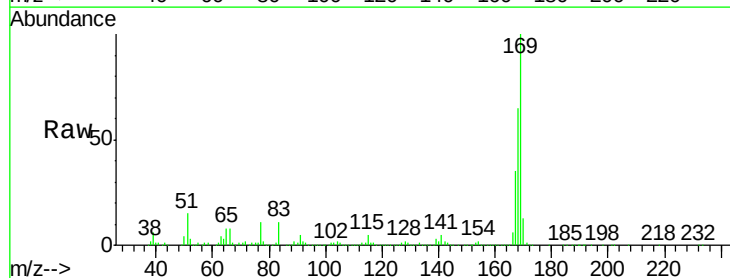
Instrument :
BNA_F
ClientSampled :

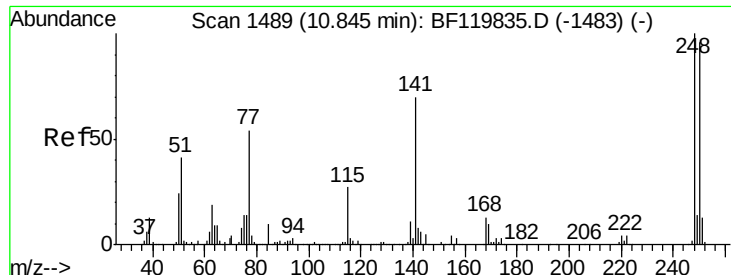
Tot Ion:198 Resp: 147771
Ion Ratio Lower Upper
198 100
51 59.9 25.2 65.2
105 55.4 20.8 60.8



#66
n-Nitrosodiphenylamine
Concen: 54.401 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Tgt Ion:169 Resp: 862175
Ion Ratio Lower Upper
169 100
168 65.4 54.2 81.4
167 35.3 28.3 42.5

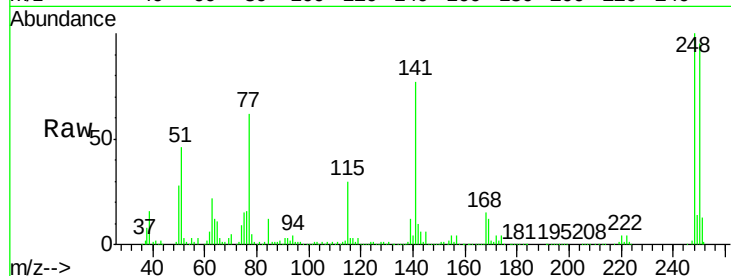




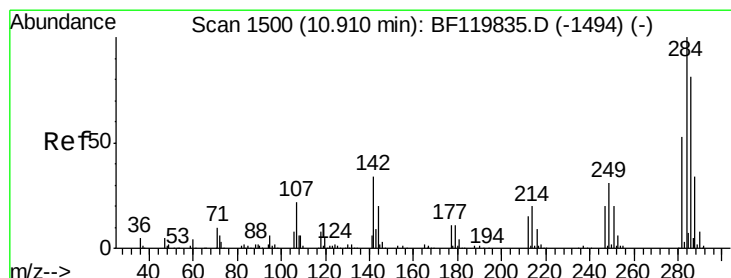
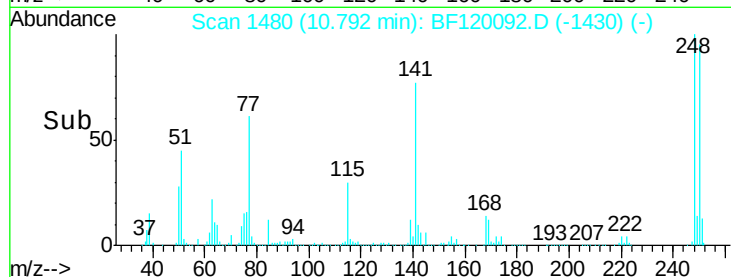
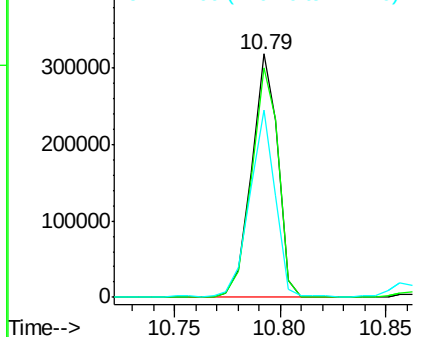
#67
4-Bromophenyl-phenylether
Concen: 46.522 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 275703
Ion Ratio Lower Upper
248 100
250 94.5 76.6 114.8
141 77.0 55.9 83.9

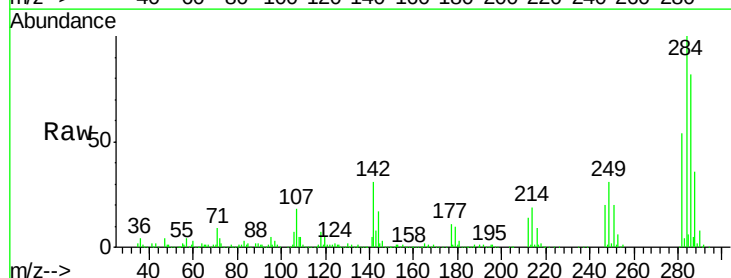


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

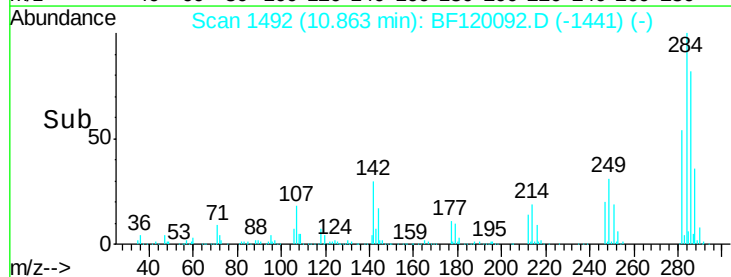
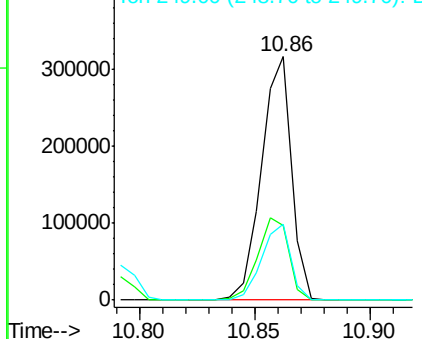


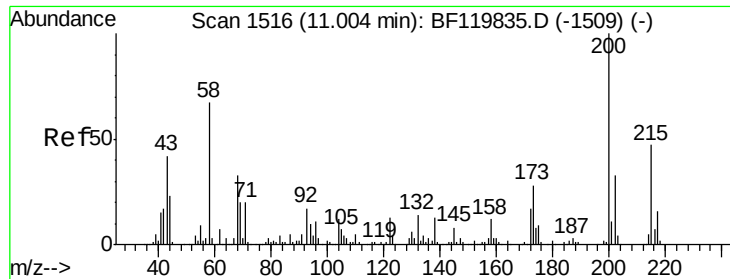
#68
Hexachlorobenzene
Concen: 47.771 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Tgt Ion:284 Resp: 287199
Ion Ratio Lower Upper
284 100
142 30.6 26.9 40.3
249 31.2 24.6 37.0



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

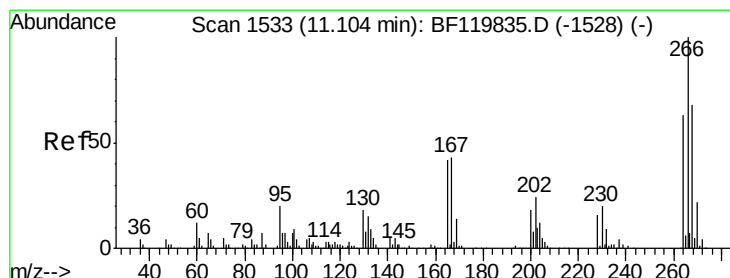
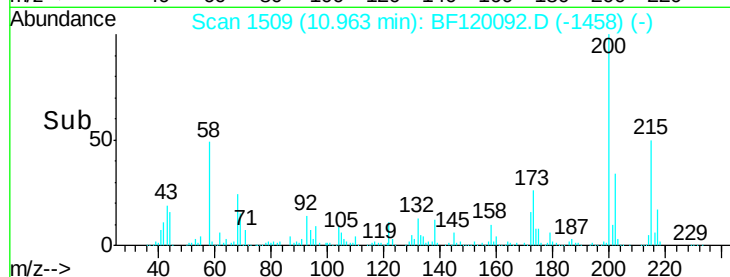
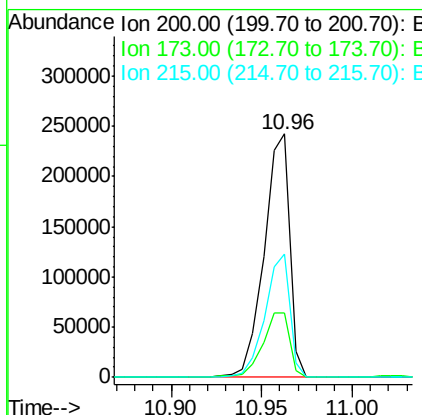
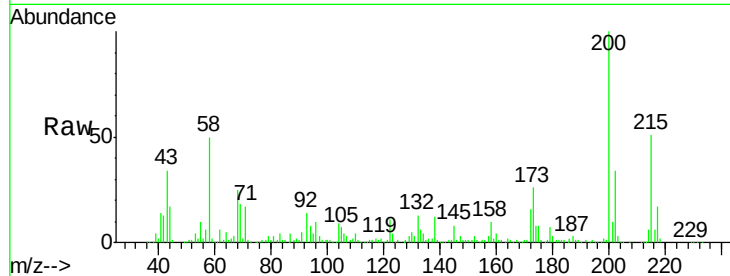




#69
 Atrazine
 Concen: 53.918 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: BF120092.D
 Acq: 20 Apr 2020 21:51

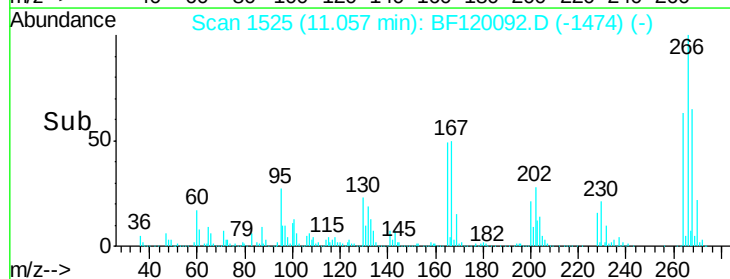
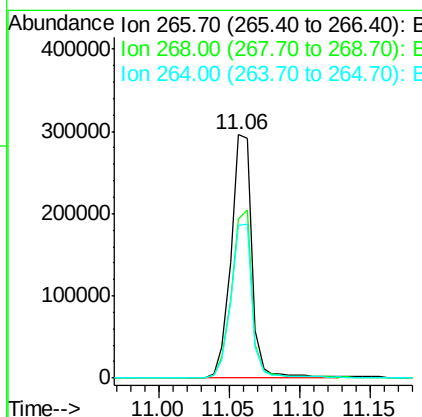
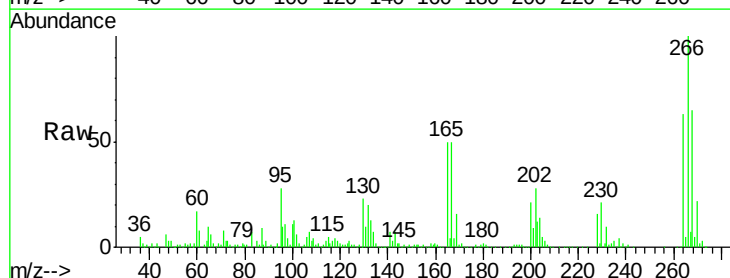
Instrument :
 BNA_F
 ClientSampleId :

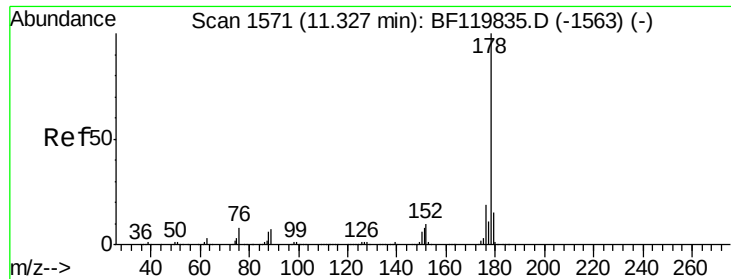
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.4	8.0	48.0
215	50.6	27.1	67.1



#70
 Pentachlorophenol
 Concen: 88.811 ng
 RT: 11.06 min Scan# 1525
 Delta R.T. -0.00 min
 Lab File: BF120092.D
 Acq: 20 Apr 2020 21:51

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.4	54.2	81.4
264	62.5	50.6	76.0





#71

Phenanthrene

Concen: 55.915 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.01 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

Instrument :

BNA_F

ClientSampleId :

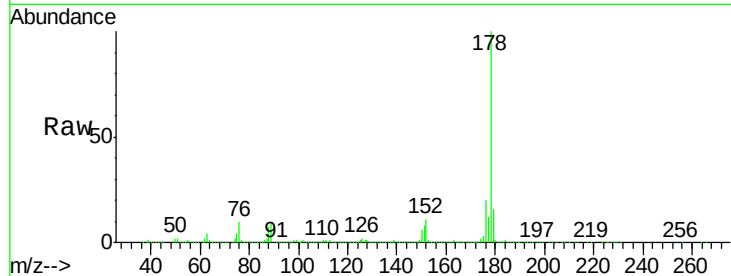
Tot Ion:178 Resp: 1418144

Ion Ratio Lower Upper

178 100

176 19.6 15.1 22.7

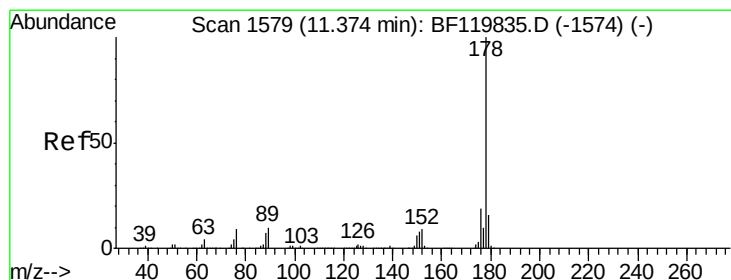
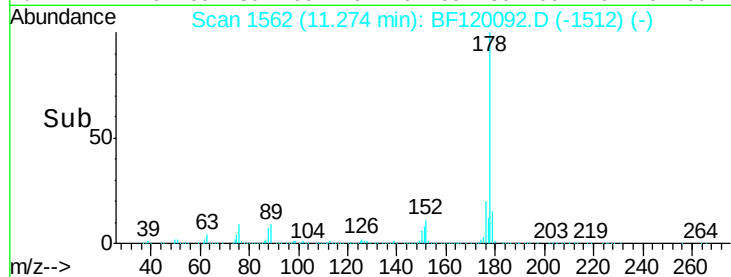
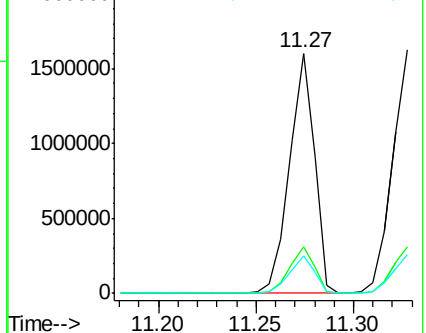
179 15.5 12.2 18.4



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



#72

Anthracene

Concen: 52.176 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

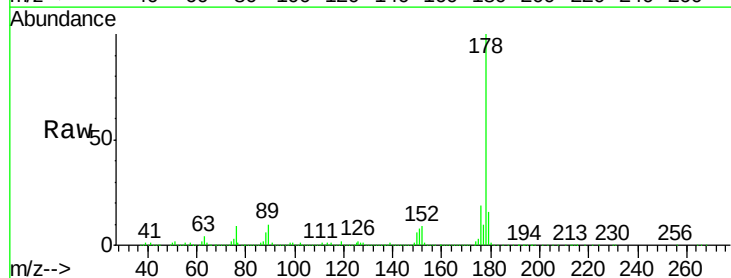
Tgt Ion:178 Resp: 1351830

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

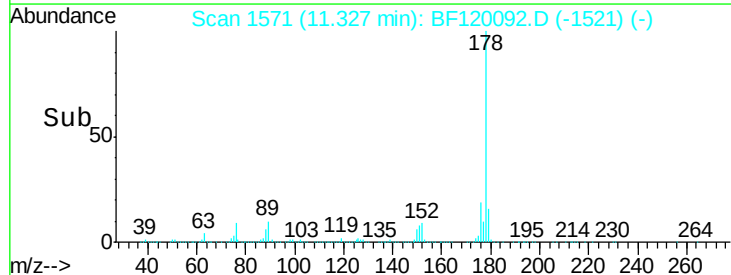
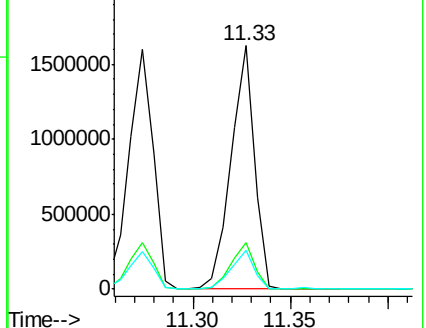
179 15.8 12.8 19.2

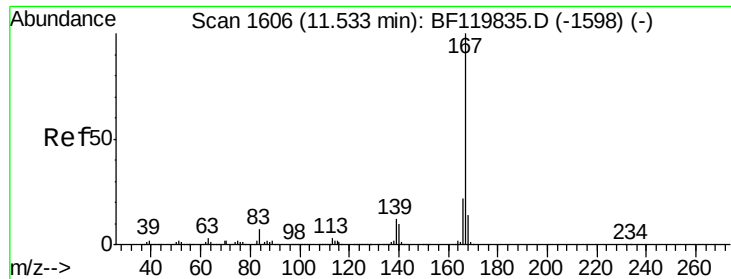


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



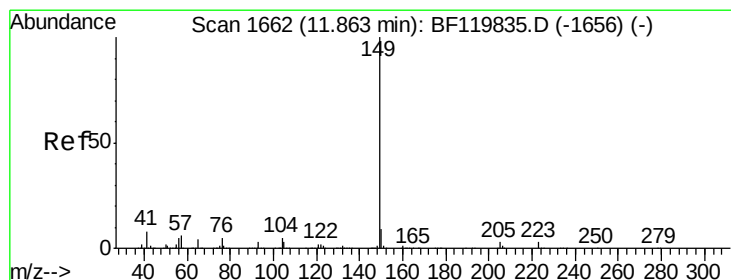
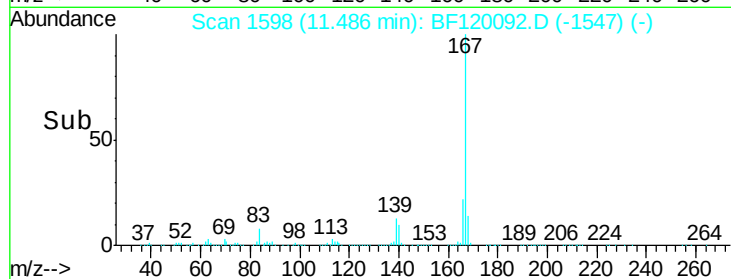
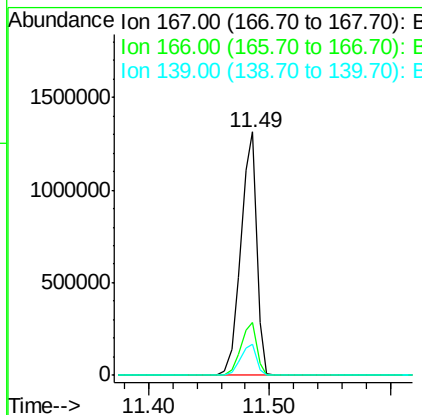
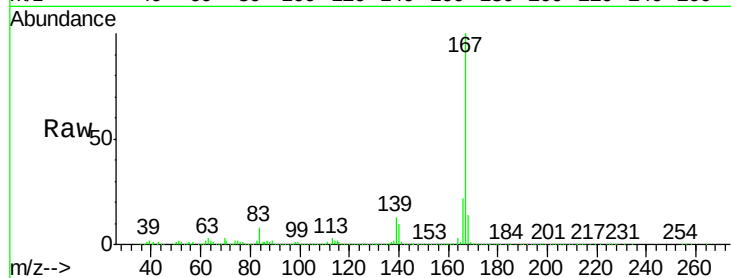


#73
 Carbazole
 Concen: 49.349 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF120092.D
 Acq: 20 Apr 2020 21:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1209130

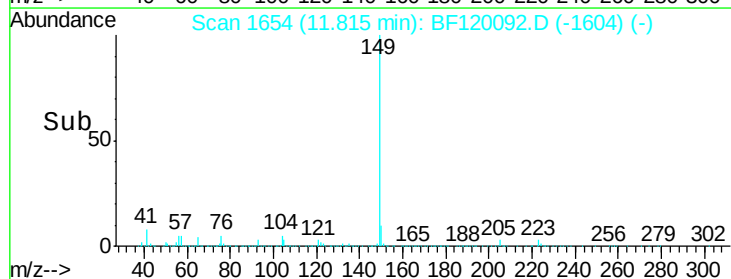
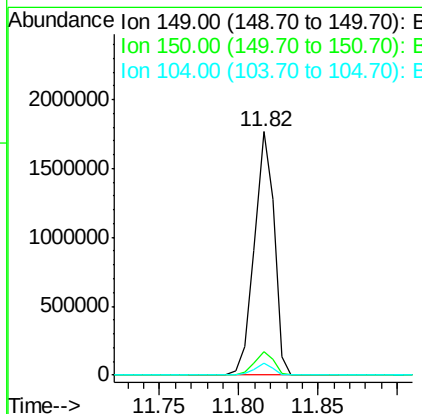
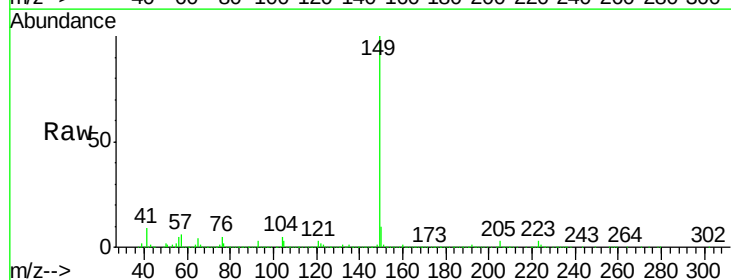
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.0
139	12.8	9.8	14.8

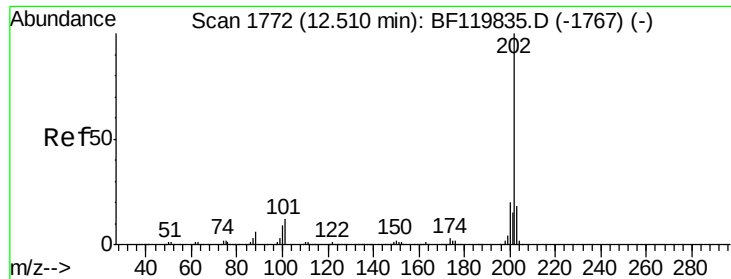


#74
 Di-n-butylphthalate
 Concen: 47.415 ng
 RT: 11.82 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BF120092.D
 Acq: 20 Apr 2020 21:51

Tgt Ion:149 Resp: 1527221

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.6	11.4
104	4.8	3.8	5.6





#75

Fluoranthene

Concen: 56.711 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

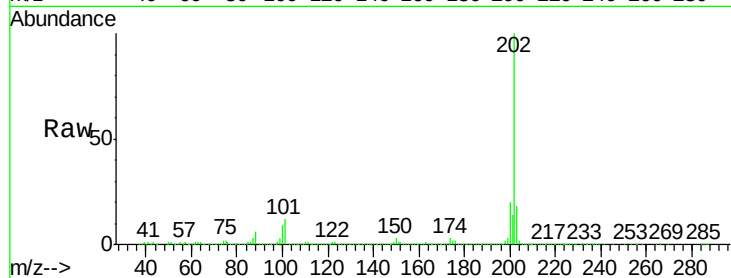
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1551924

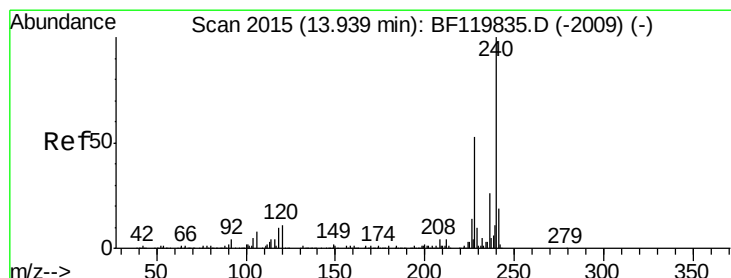
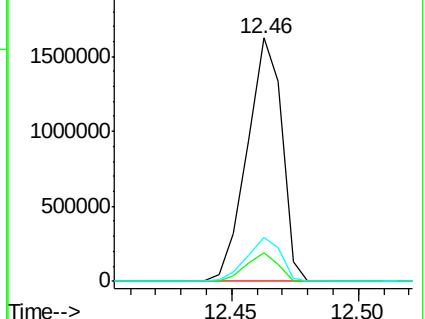
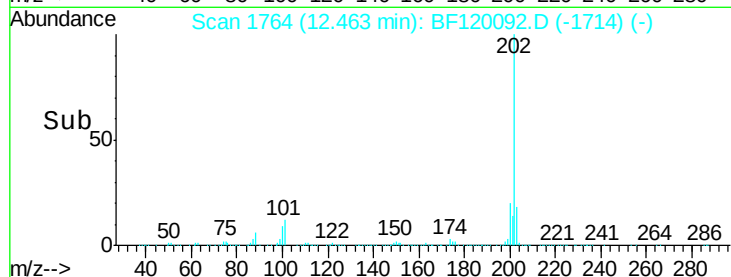
Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	32.3
203	18.0	0.0	37.6



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: 13.89 min Scan# 2007

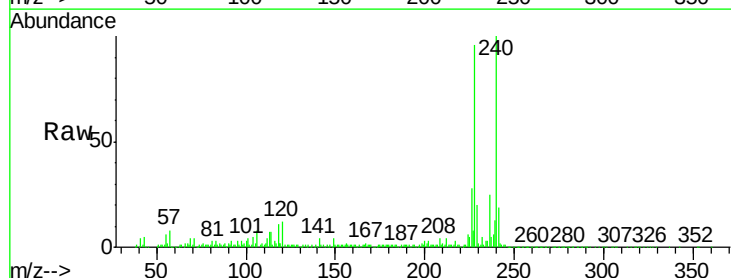
Delta R.T. -0.01 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

Tgt Ion:240 Resp: 330245

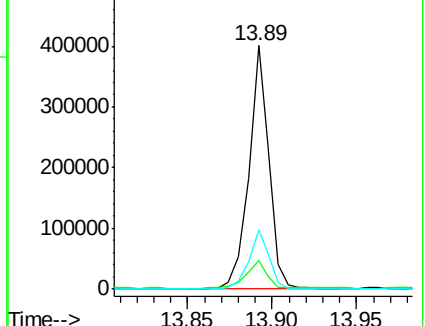
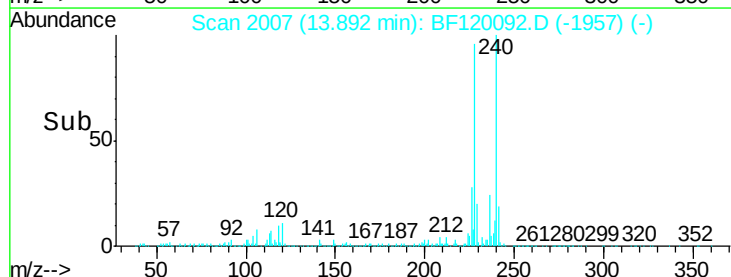
Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.0	13.6
236	24.6	20.7	31.1

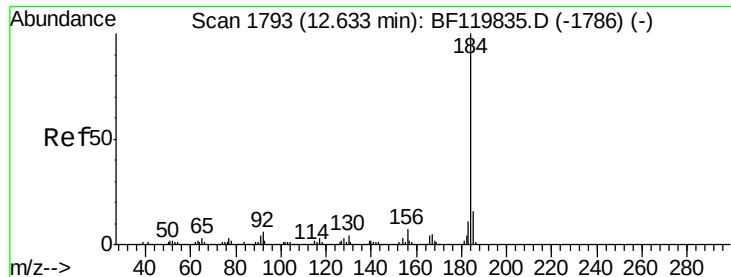


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.462 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

Instrument :

BNA_F

ClientSampleId :

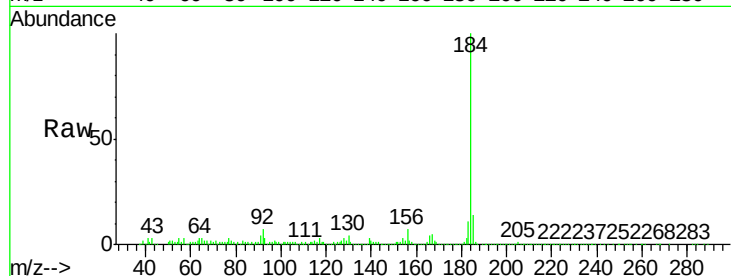
Tot Ion:184 Resp: 451691

Ion Ratio Lower Upper

184 100

185 14.2 13.2 19.8

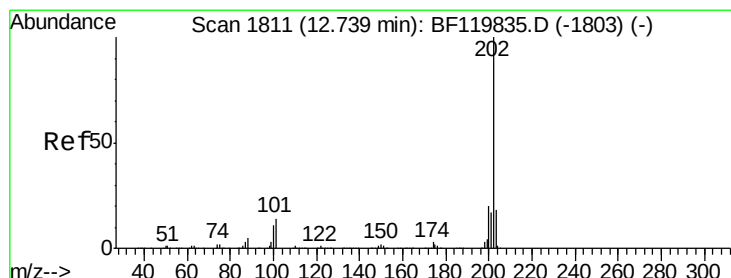
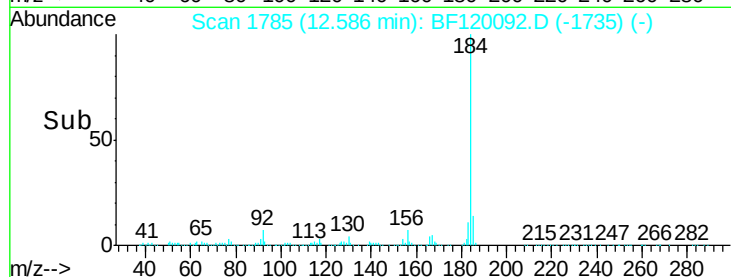
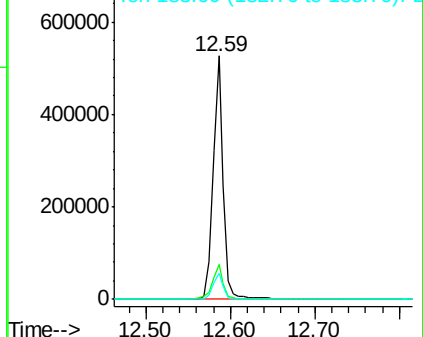
183 10.9 9.1 13.7



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: 54.926 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

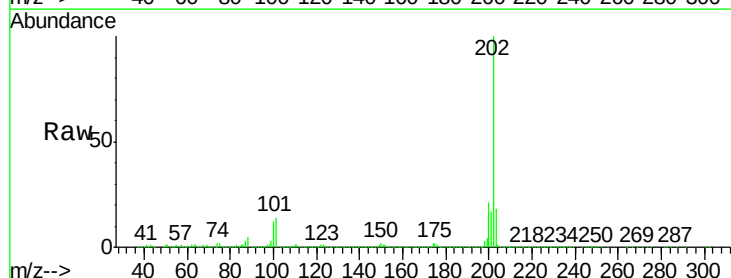
Tgt Ion:202 Resp: 1529163

Ion Ratio Lower Upper

202 100

200 20.6 16.2 24.2

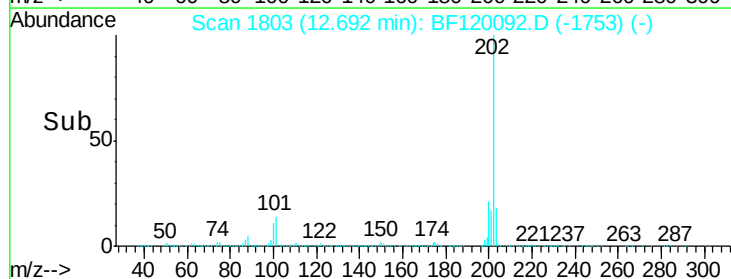
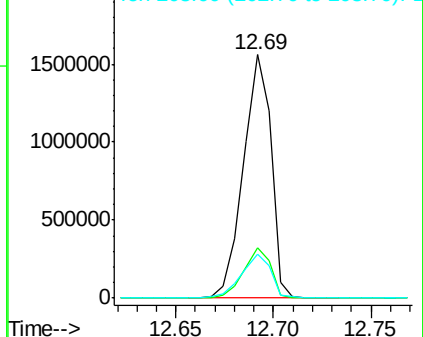
203 17.9 14.1 21.1

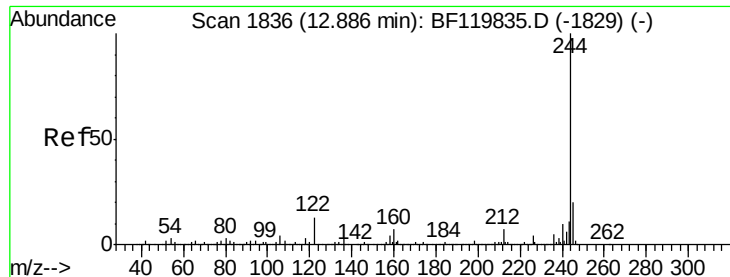


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 63.982 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

Instrument :

BNA_F

ClientSampleId :

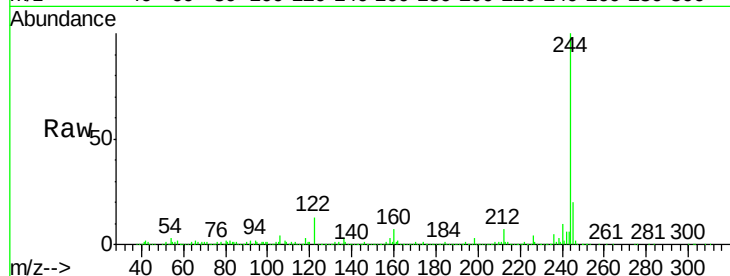
Tot Ion:244 Resp: 1255738

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

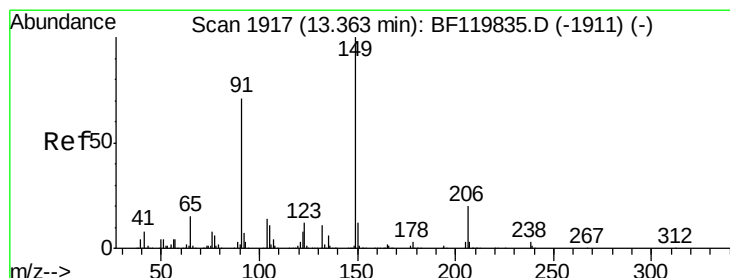
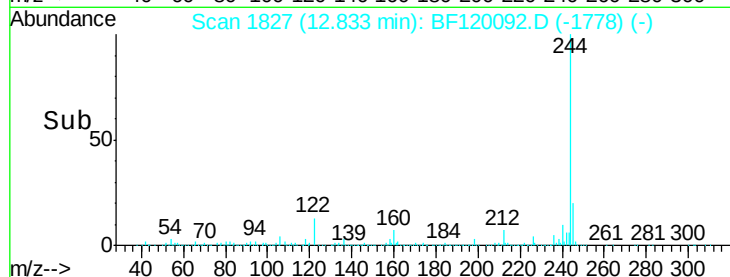
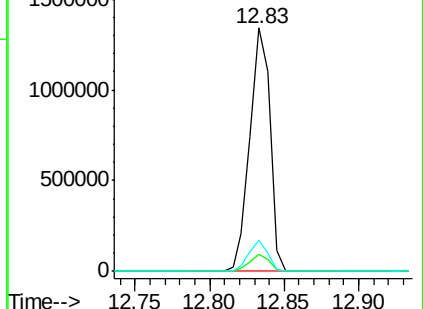
122 12.9 10.3 15.5



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: 48.071 ng

RT: 13.32 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

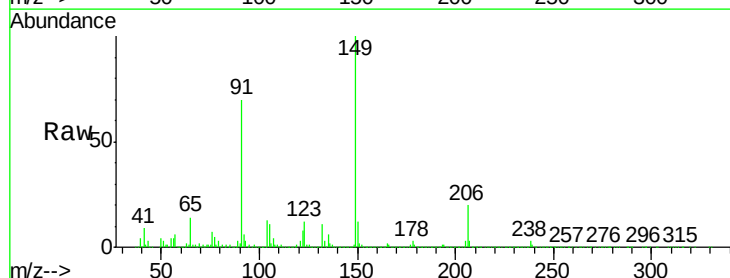
Tgt Ion:149 Resp: 649397

Ion Ratio Lower Upper

149 100

91 69.7 56.7 85.1

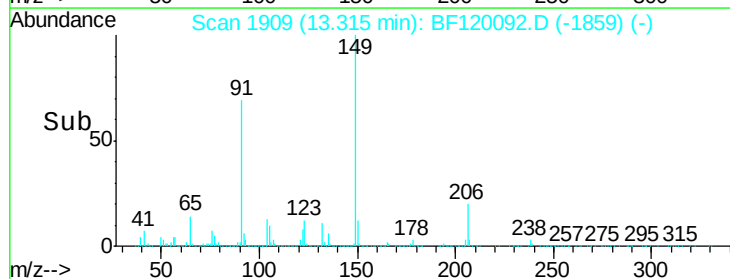
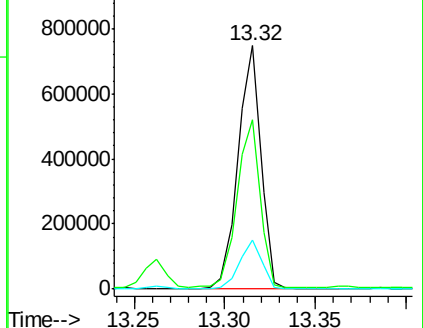
206 20.0 15.7 23.5

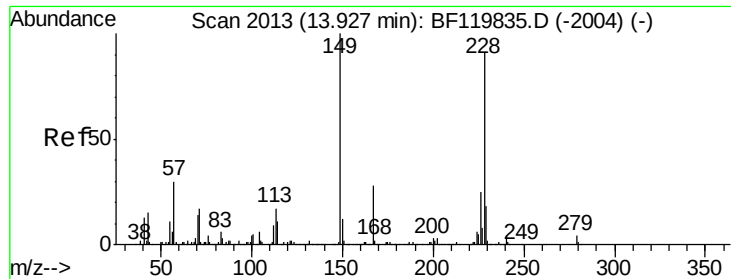


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

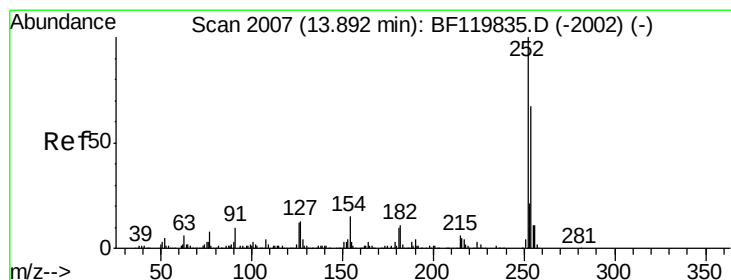
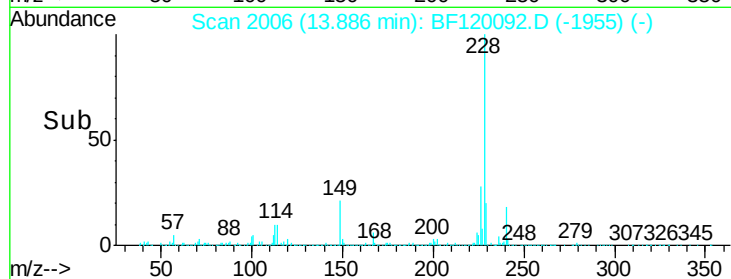
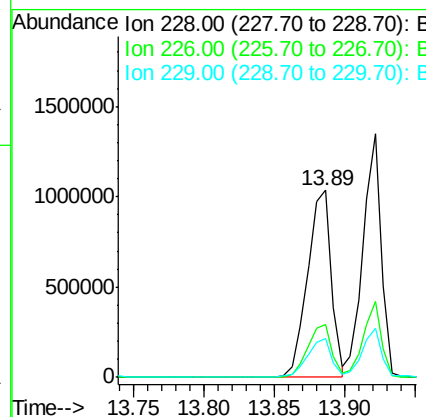
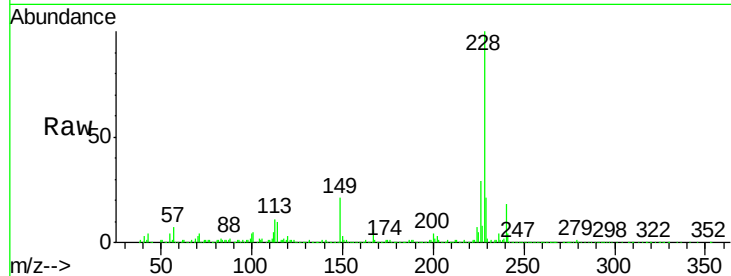




#81
Benzo(a)anthracene
Concen: 55.335 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

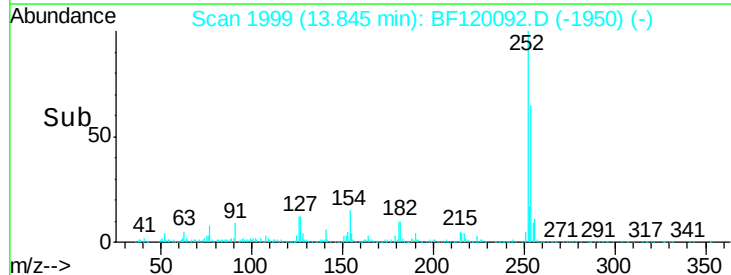
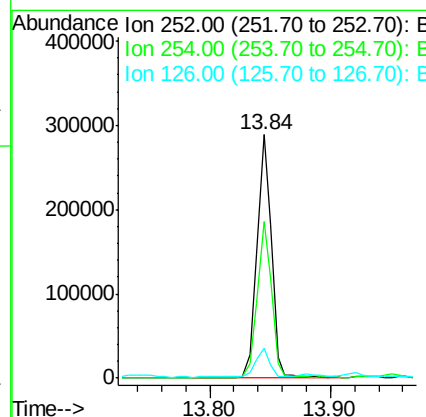
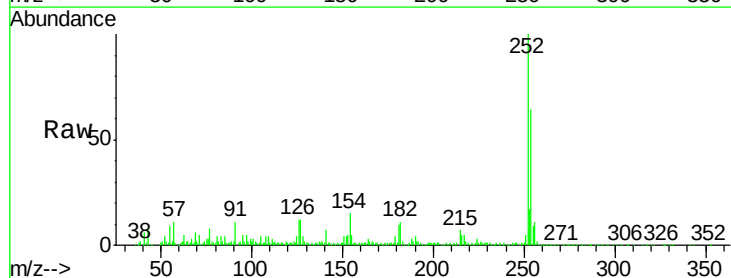
Instrument :
BNA_F
ClientSampleId :

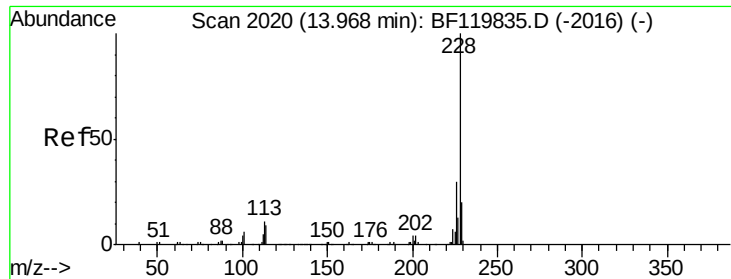
Tot Ion:228 Resp: 1202193
Ion Ratio Lower Upper
228 100
226 28.6 21.9 32.9
229 20.8 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 29.737 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Tgt Ion:252 Resp: 241058
Ion Ratio Lower Upper
252 100
254 64.4 53.9 80.9
126 12.5 9.7 14.5

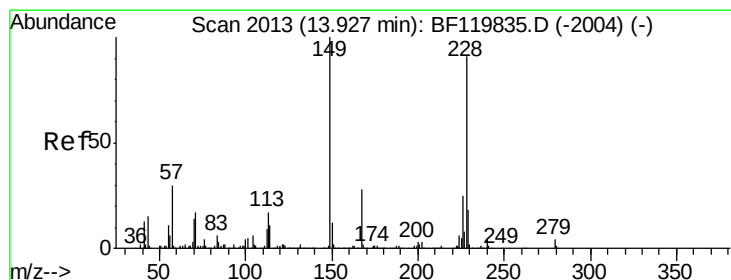
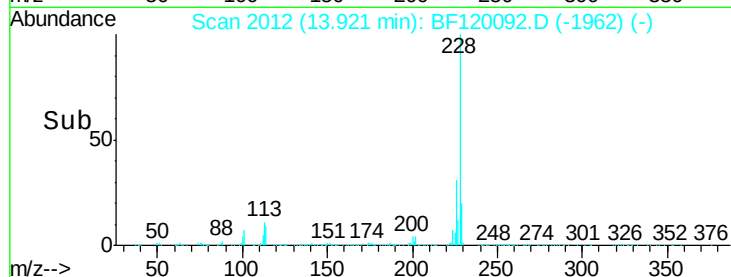
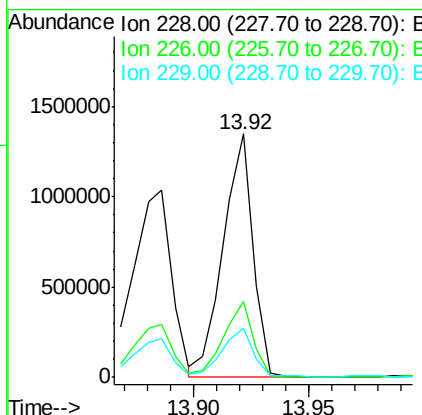
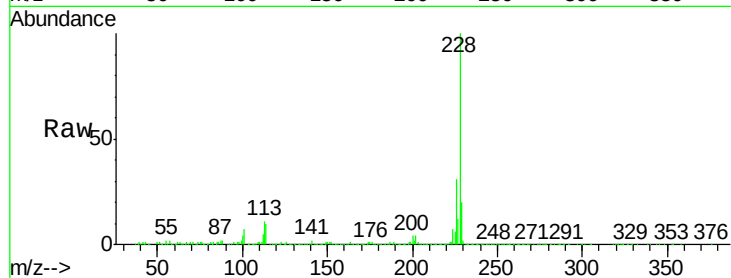




#83
Chrysene
Concen: 54.393 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

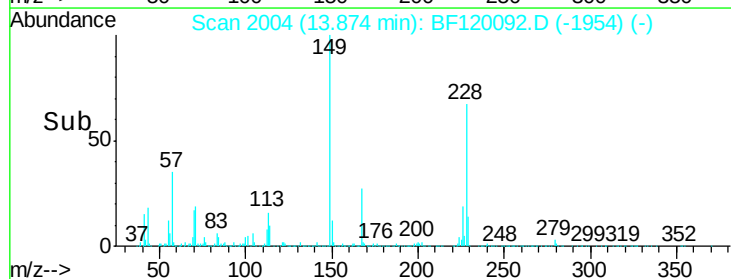
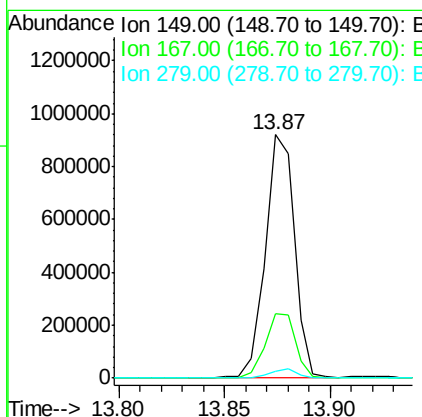
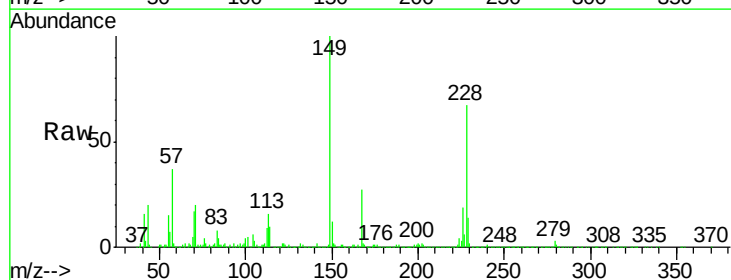
Instrument :
BNA_F
ClientSampleId :

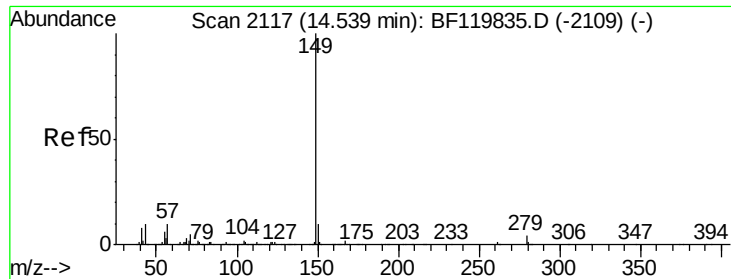
Tot Ion:228 Resp: 1200735
Ion Ratio Lower Upper
228 100
226 31.0 24.2 36.2
229 20.2 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.875 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Tgt Ion:149 Resp: 875828
Ion Ratio Lower Upper
149 100
167 26.7 22.2 33.2
279 3.0 3.4 5.0#

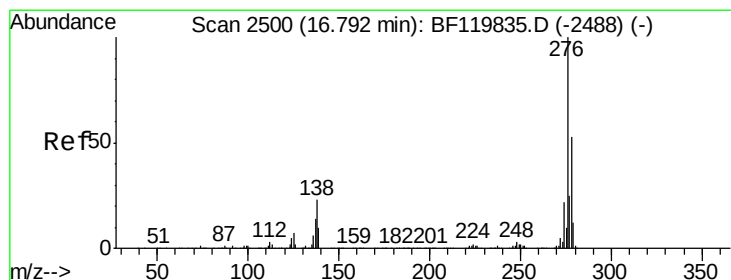
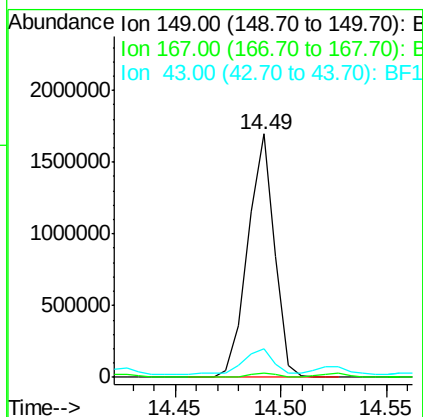
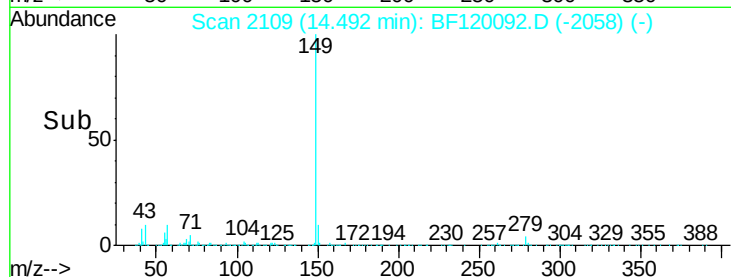
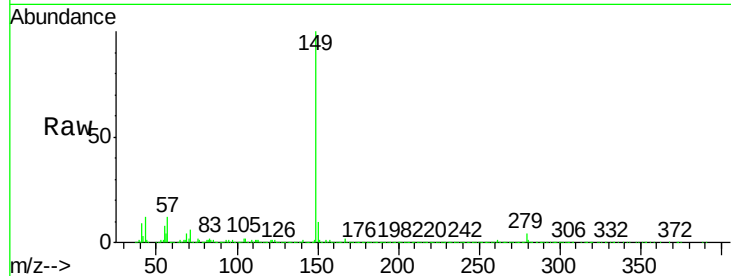




#85
Di-n-octyl phthalate
Concen: 47.323 ng
RT: 14.49 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

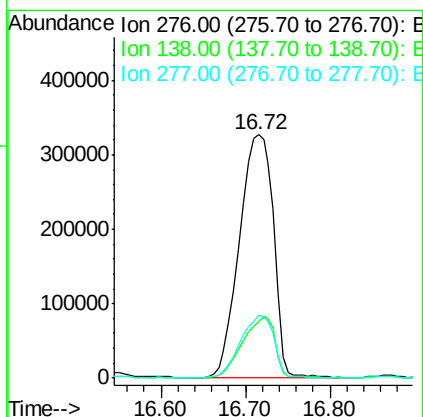
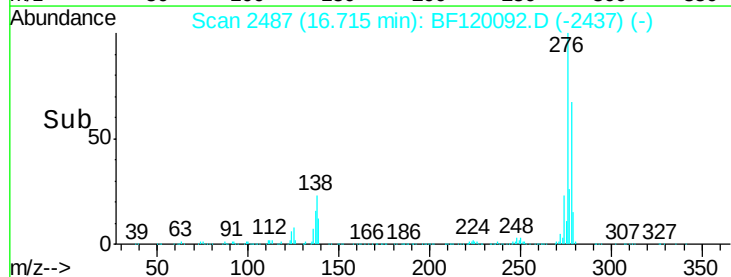
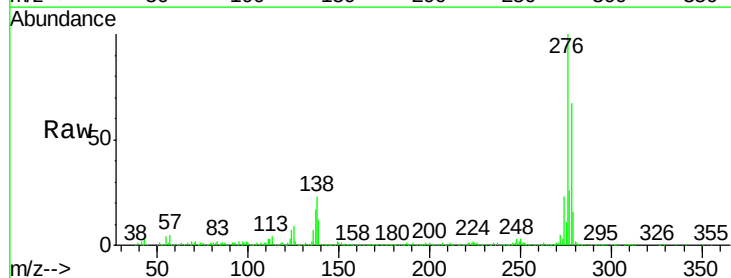
Instrument :
BNA_F
ClientSampleId :

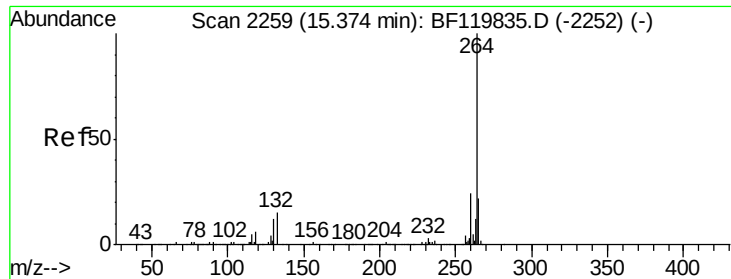
Tot Ion:149 Resp: 1474035
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.3 9.2 13.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 47.034 ng
RT: 16.72 min Scan# 2487
Delta R.T. -0.01 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Tgt Ion:276 Resp: 915231
Ion Ratio Lower Upper
276 100
138 23.4 18.0 27.0
277 24.8 20.1 30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.32 min Scan# 2249

Delta R.T. -0.01 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

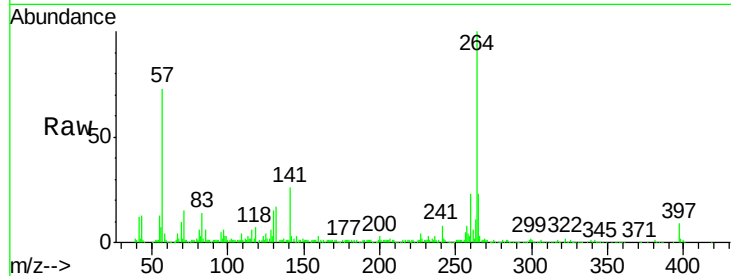
Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 294469

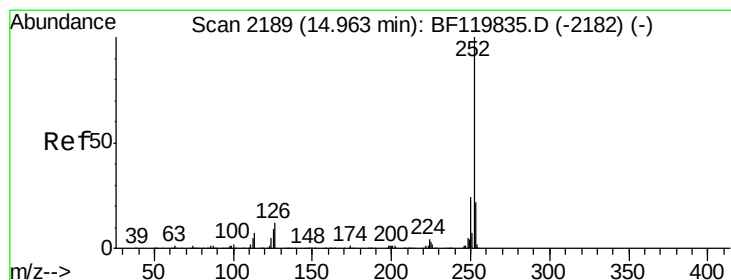
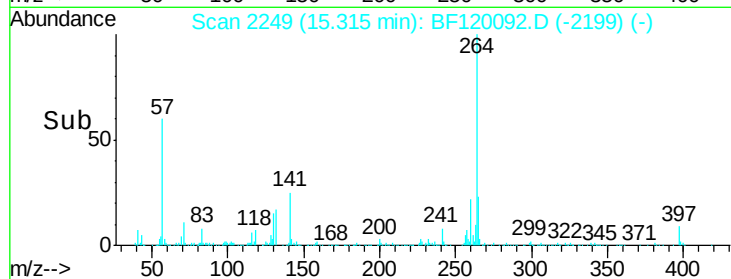
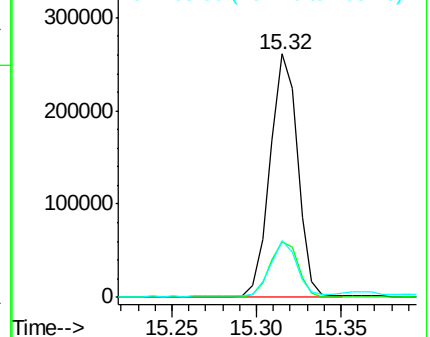
Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.3	28.9
265	23.4	17.6	26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 55.483 ng

RT: 14.92 min Scan# 2181

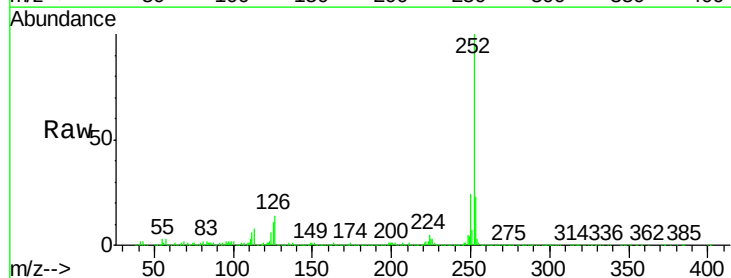
Delta R.T. -0.00 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

Tgt Ion:252 Resp: 1175308

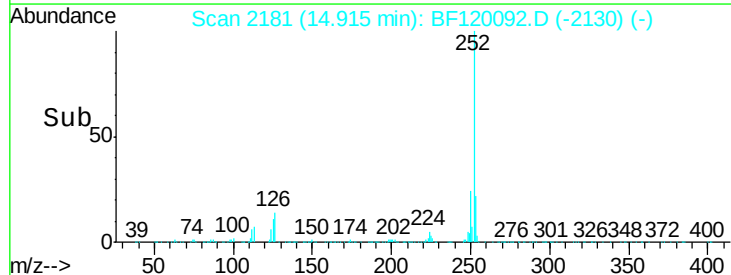
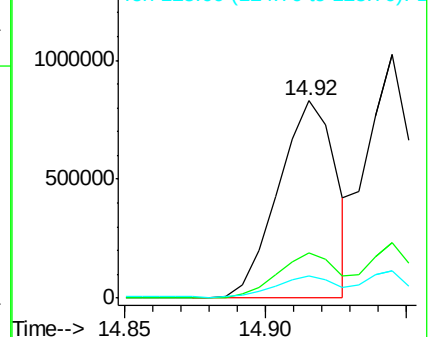
Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	11.2	7.4	11.2#

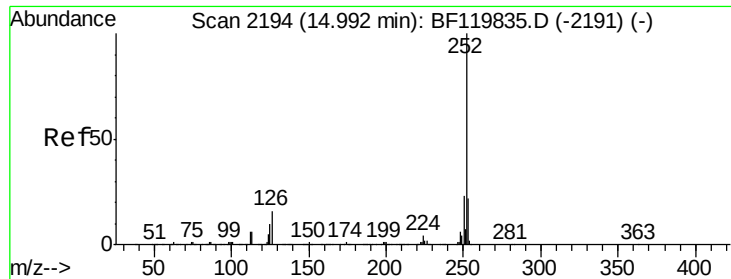


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

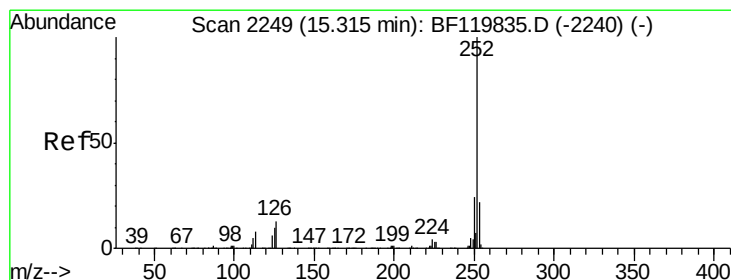
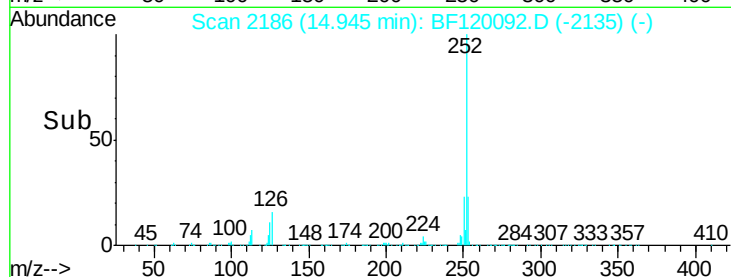
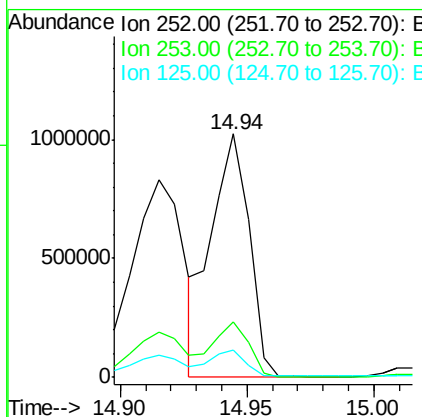
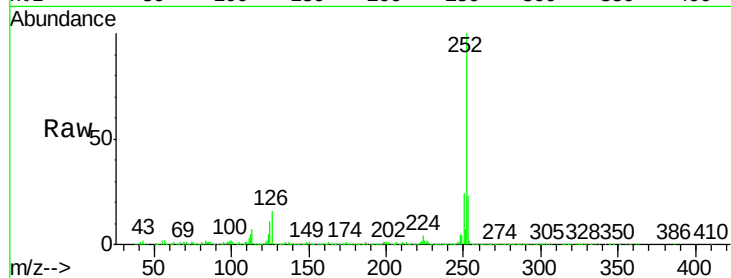




#89
Benzo(k)fluoranthene
Concen: 57.835 ng
RT: 14.94 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

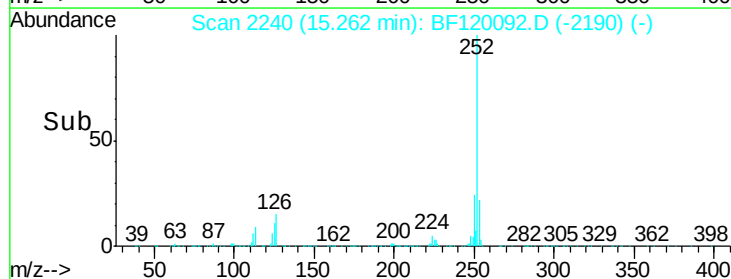
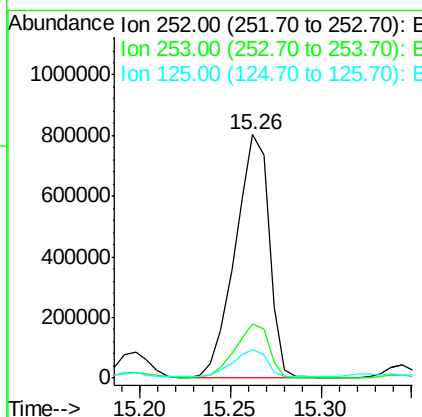
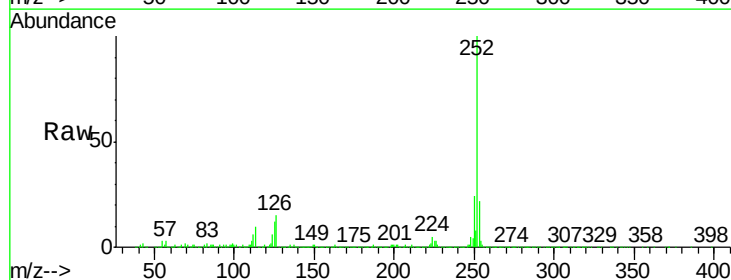
Instrument :
BNA_F
ClientSampled :

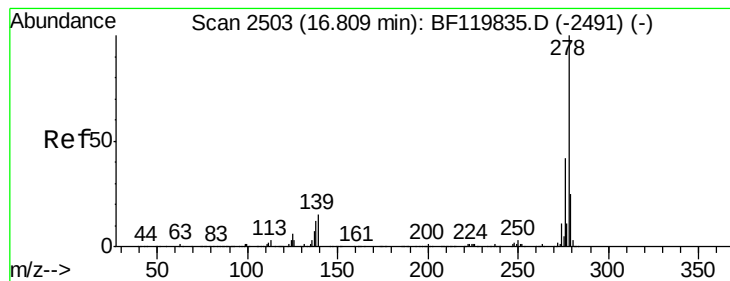
Tot Ion:252 Resp: 1057082
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 11.3 7.7 11.5



#90
Benzo(a)pyrene
Concen: 58.750 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Tgt Ion:252 Resp: 1046389
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 11.6 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 45.393 ng

RT: 16.73 min Scan# 2490

Delta R.T. -0.01 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

Instrument :

BNA_F

ClientSampleId :

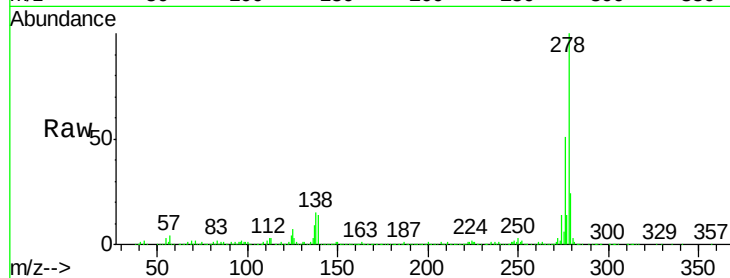
Tot Ion:278 Resp: 716164

Ion Ratio Lower Upper

278 100

139 14.4 11.6 17.4

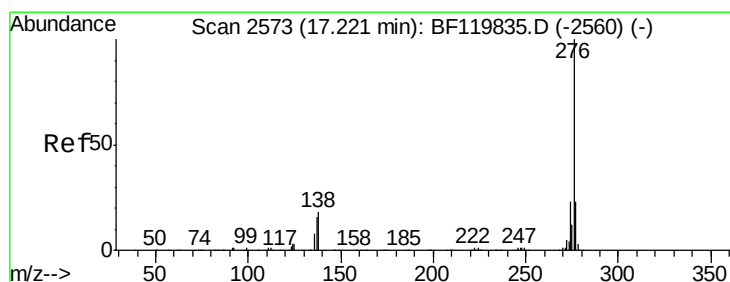
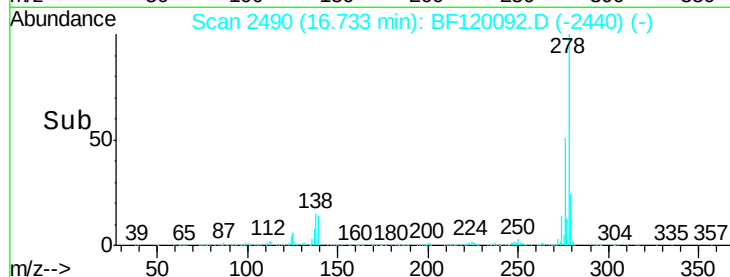
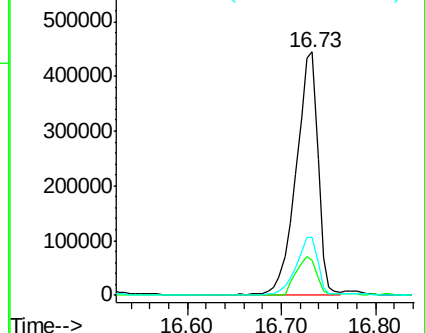
279 24.1 19.7 29.5



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: 50.127 ng

RT: 17.14 min Scan# 2559

Delta R.T. -0.01 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

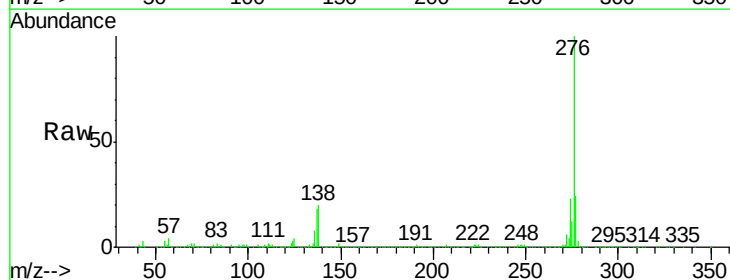
Tgt Ion:276 Resp: 780643

Ion Ratio Lower Upper

276 100

277 23.7 18.5 27.7

138 19.9 14.6 22.0



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

