

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
 Data File : BF119331.D
 Acq On : 11 Mar 2020 00:20
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 11 01:42:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	106350	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	380532	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	181295	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	281941	20.00	ng	0.00
76) Chrysene-d12	13.89	240	229653	20.00	ng	0.00
87) Perylene-d12	15.32	264	186736	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	543859	85.46	ng	0.00
7) Phenol-d6	6.39	99	619061	79.99	ng	0.00
23) Nitrobenzene-d5	7.30	82	588789	81.70	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	154378	65.09	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1070176	86.96	ng	0.00
79) Terphenyl-d14	12.83	244	1040203	77.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	109081	38.499	ng	98
3) Pyridine	3.10	79	278880	36.040	ng	99
4) n-Nitrosodimethylamine	3.06	42	90333	38.537	ng	100
6) Aniline	6.39	93	367627	38.495	ng	# 63
8) 2-Chlorophenol	6.52	128	282743	41.170	ng	99
9) Benzaldehyde	6.28	77	181416	35.084	ng	98
10) Phenol	6.40	94	333555	39.862	ng	91
11) bis(2-Chloroethyl)ether	6.46	93	262292	40.967	ng	97
12) 1,3-Dichlorobenzene	6.67	146	334802	40.674	ng	99
13) 1,4-Dichlorobenzene	6.75	146	338927	41.147	ng	98
14) 1,2-Dichlorobenzene	6.90	146	312575	41.609	ng	97
15) Benzyl Alcohol	6.88	79	229157	40.968	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	222695	40.153	ng	# 35
17) 2-Methylphenol	7.00	107	222623	39.982	ng	# 91
18) Hexachloroethane	7.23	117	96660	32.800	ng	96
19) n-Nitroso-di-n-propylamine	7.15	70	195215	43.287	ng	97
20) 3+4-Methylphenols	7.16	107	298497	43.758	ng	87
22) Acetophenone	7.14	105	379517	43.105	ng	# 95
24) Nitrobenzene	7.32	77	293628	41.199	ng	98
25) Isophorone	7.55	82	491382	39.259	ng	98
26) 2-Nitrophenol	7.63	139	119965	31.768	ng	98
27) 2,4-Dimethylphenol	7.68	122	202360	39.485	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	328983	40.381	ng	97
29) 2,4-Dichlorophenol	7.89	162	232367	38.513	ng	100
30) 1,2,4-Trichlorobenzene	7.95	180	273472	38.229	ng	99
31) Naphthalene	8.03	128	775506	39.296	ng	98
32) Benzoic acid	7.82	122	41715	16.283	ng	96
33) 4-Chloroaniline	8.09	127	320997	37.817	ng	100
34) Hexachlorobutadiene	8.15	225	179952	40.385	ng	99
35) Caprolactam	8.47	113	65565	35.292	ng	93
36) 4-Chloro-3-methylphenol	8.59	107	234321	38.375	ng	99
37) 2-Methylnaphthalene	8.72	142	506599	38.144	ng	99
38) 1-Methylnaphthalene	8.82	142	470000	37.629	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	258311	42.259	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
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 Misc :
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Instrument :
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Quant Time: Mar 11 01:42:26 2020
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	1150	9.850	ng	84
43) 2,4,6-Trichlorophenol	9.02	196	152357	39.471	ng	99
44) 2,4,5-Trichlorophenol	9.07	196	144320	35.630	ng	99
46) 1,1'-Biphenyl	9.19	154	634409	43.297	ng	97
47) 2-Chloronaphthalene	9.21	162	492604	41.719	ng	98
48) 2-Nitroaniline	9.32	65	147286	44.722	ng	97
49) Acenaphthylene	9.62	152	672288	39.422	ng	99
50) Dimethylphthalate	9.49	163	594617	42.892	ng	99
51) 2,6-Dinitrotoluene	9.56	165	111618	36.239	ng	94
52) Acenaphthene	9.79	154	411299	39.998	ng	99
53) 3-Nitroaniline	9.73	138	138449	40.547	ng	92
54) 2,4-Dinitrophenol	9.90	184	953	8.052	ng	# 4
55) Dibenzofuran	9.97	168	598546	38.997	ng	98
56) 4-Nitrophenol	9.97	139	333403	162.514	ng	# 15
57) 2,4-Dinitrotoluene	9.97	165	129943	32.549	ng	91
58) Fluorene	10.31	166	465032	38.991	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	113084	33.087	ng	99
60) Diethylphthalate	10.18	149	567199	43.415	ng	99
61) 4-Chlorophenyl-phenylether	10.30	204	261002	41.344	ng	95
62) 4-Nitroaniline	10.35	138	129706	37.128	ng	93
63) Azobenzene	10.46	77	443902	39.090	ng	95
65) 4,6-Dinitro-2-methylphenol	10.40	198	4975	2.916	ng	93
66) n-Nitrosodiphenylamine	10.42	169	411852	44.612	ng	100
67) 4-Bromophenyl-phenylether	10.79	248	156936	42.584	ng	96
68) Hexachlorobenzene	10.86	284	170383	40.100	ng	96
69) Atrazine	10.95	200	119797	37.141	ng	99
70) Pentachlorophenol	11.07	266	94029	54.936	ng	100
71) Phenanthrene	11.27	178	621186	40.401	ng	98
72) Anthracene	11.32	178	620772	40.407	ng	98
73) Carbazole	11.48	167	549777	40.170	ng	98
74) Di-n-butylphthalate	11.80	149	781669	47.161	ng	98
75) Fluoranthene	12.46	202	659714	40.422	ng	98
77) Benzidine	12.59	184	356411	38.160	ng	99
78) Pyrene	12.69	202	664019	36.008	ng	98
80) Butylbenzylphthalate	13.30	149	309069	39.822	ng	98
81) Benzo(a)anthracene	13.88	228	637186	40.721	ng	98
82) 3,3'-Dichlorobenzidine	13.83	252	254514	41.888	ng	99
83) Chrysene	13.92	228	612587	39.289	ng	98
84) Bis(2-ethylhexyl)phthalate	13.85	149	441487	45.026	ng	# 97
85) Di-n-octyl phthalate	14.46	149	751843	48.125	ng	98
86) Indeno(1,2,3-cd)pyrene	16.73	276	441872	29.269	ng	100
88) Benzo(b)fluoranthene	14.91	252	518344	42.112	ng	100
89) Benzo(k)fluoranthene	14.94	252	525192	46.043	ng	98
90) Benzo(a)pyrene	15.26	252	447193	40.256	ng	98
91) Dibenzo(a,h)anthracene	16.73	278	371825	38.040	ng	99
92) Benzo(g,h,i)perylene	17.16	276	346347	35.862	ng	99

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

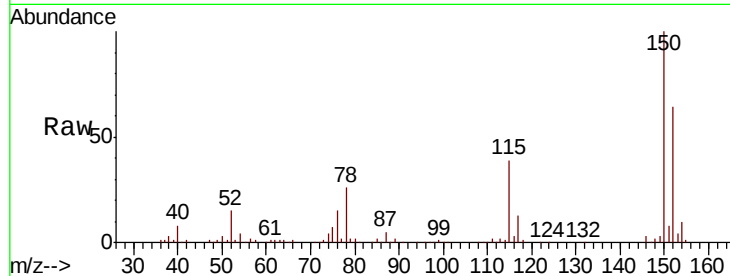


#1

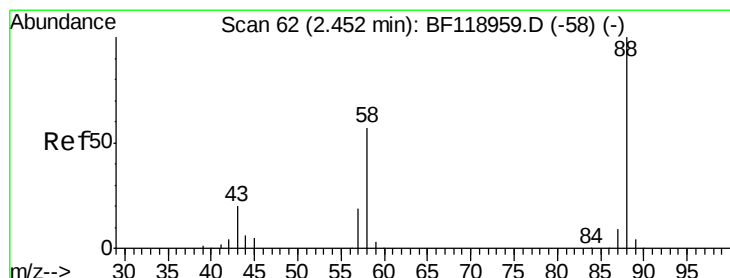
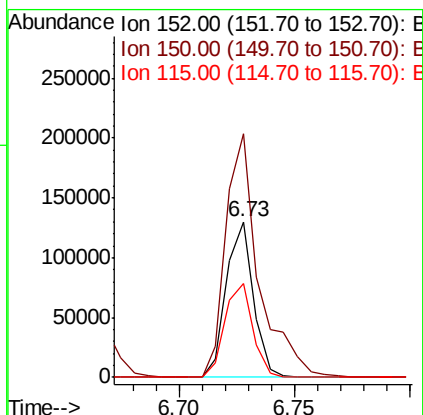
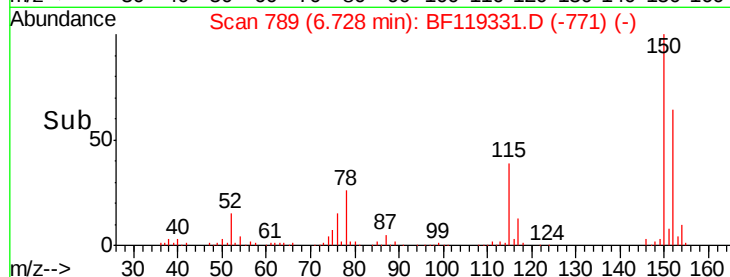
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.01 min
 Lab File: BF119331.D
 Acq: 11 Mar 2020 00:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	123.0	184.6
115	60.3	49.5	74.3



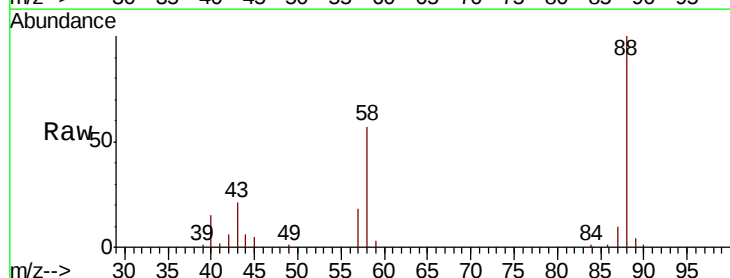
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



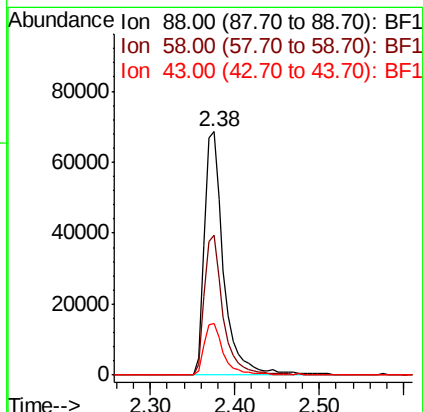
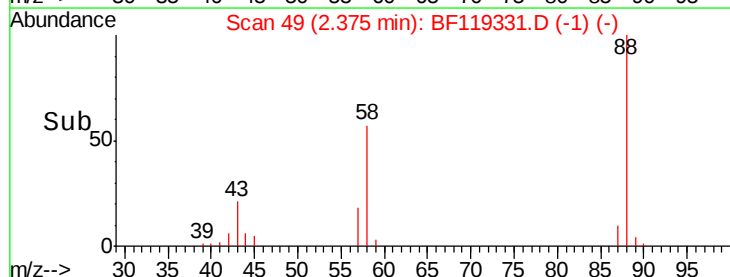
#2

1,4-Dioxane
 Concen: 38.499 ng
 RT: 2.38 min Scan# 49
 Delta R.T. -0.01 min
 Lab File: BF119331.D
 Acq: 11 Mar 2020 00:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.9	43.8	65.6
43	21.2	16.2	24.4



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

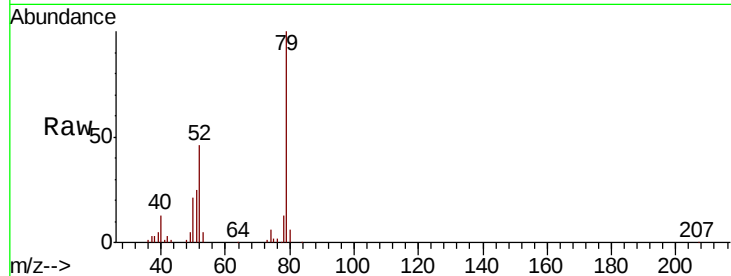




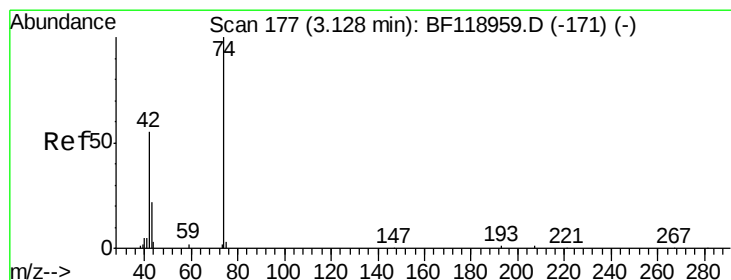
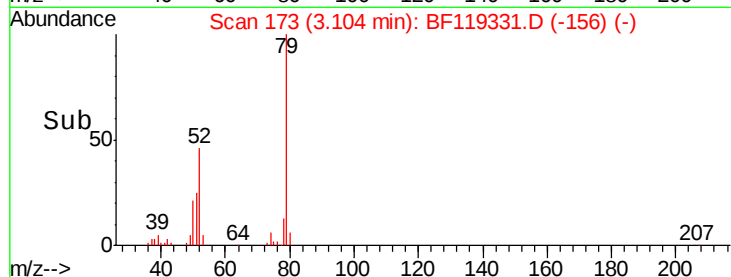
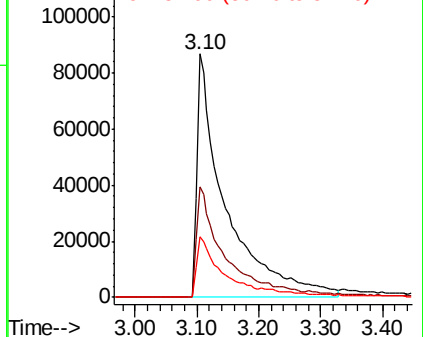
#3
 Pvridine
 Concen: 36.040 ng
 RT: 3.10 min Scan# 173
 Delta R.T. 0.00 min
 Lab File: BF119331.D
 Acq: 11 Mar 2020 00:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
79	100		
52	45.6	37.4	56.0
51	25.1	19.8	29.6

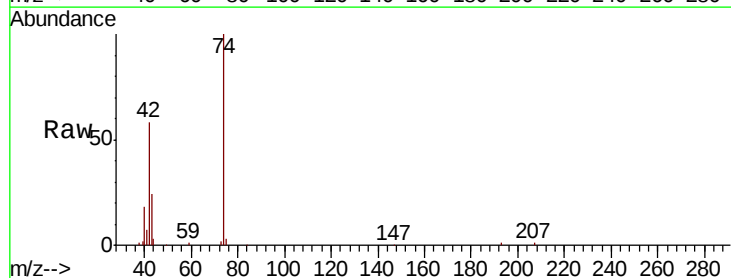


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

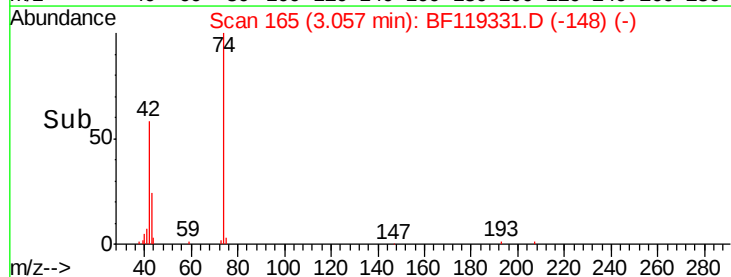
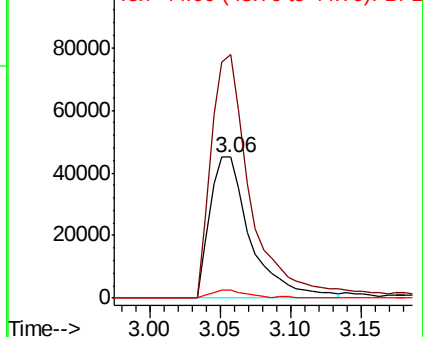


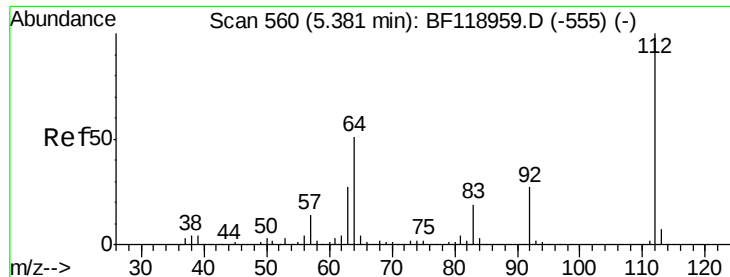
#4
 n-Nitrosodimethylamine
 Concen: 38.537 ng
 RT: 3.06 min Scan# 165
 Delta R.T. 0.00 min
 Lab File: BF119331.D
 Acq: 11 Mar 2020 00:20

Tgt Ion	Ratio	Lower	Upper
42	100		
74	172.5	137.7	206.5
44	5.9	4.5	6.7



Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 85.462 ng

RT: 5.36 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF119331.D

Acq: 11 Mar 2020 00:20

Instrument :

BNA_F

ClientSampleId :

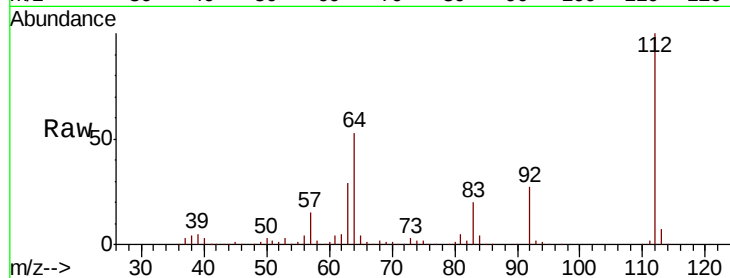
Tot Ion: 112 Resp: 543859

Ion Ratio Lower Upper

112 100

64 52.9 45.0 67.4

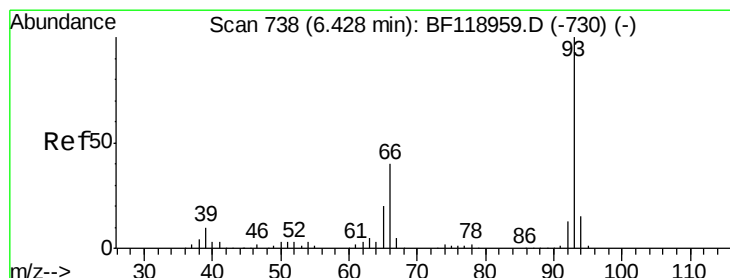
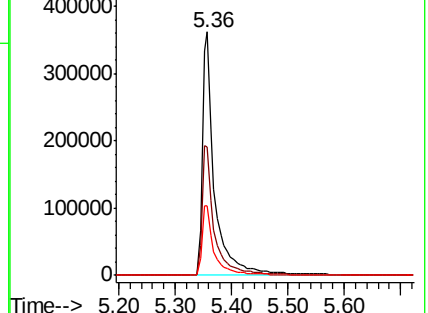
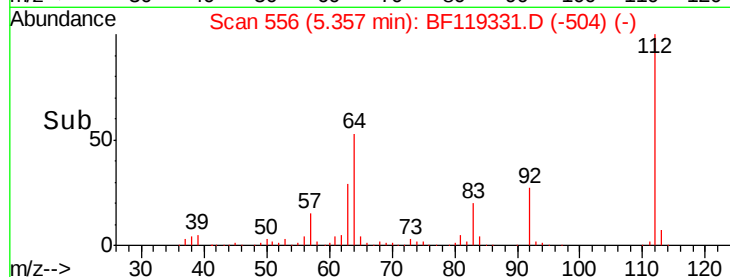
63 28.6 24.2 36.4



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: 38.495 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF119331.D

Acq: 11 Mar 2020 00:20

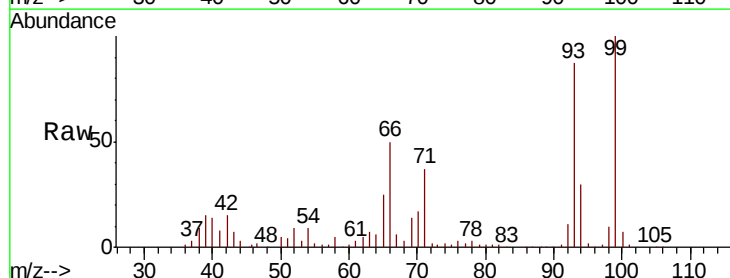
Tgt Ion: 93 Resp: 367627

Ion Ratio Lower Upper

93 100

66 57.9 74.5 111.7#

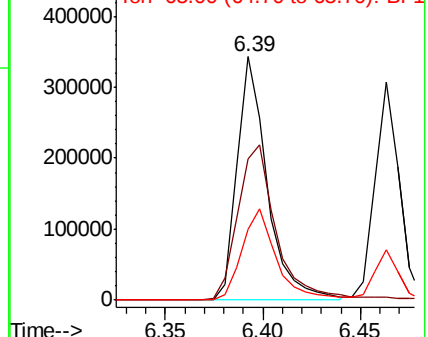
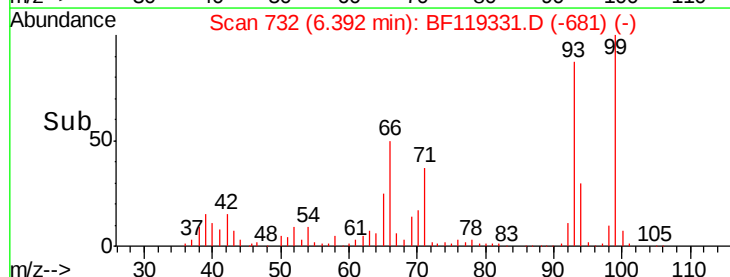
65 29.3 45.3 67.9#



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: 79.987 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF119331.D

Acq: 11 Mar 2020 00:20

Instrument :

BNA_F

ClientSampleId :

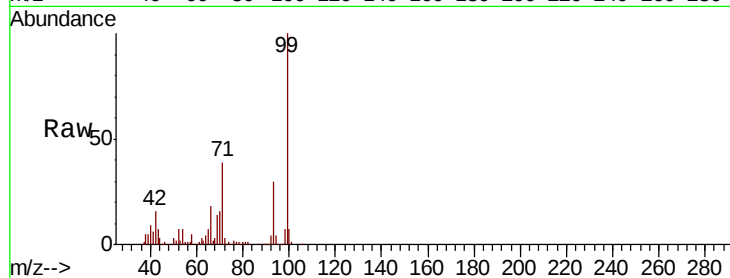
Tot Ion: 99 Resp: 619061

Ion Ratio Lower Upper

99 100

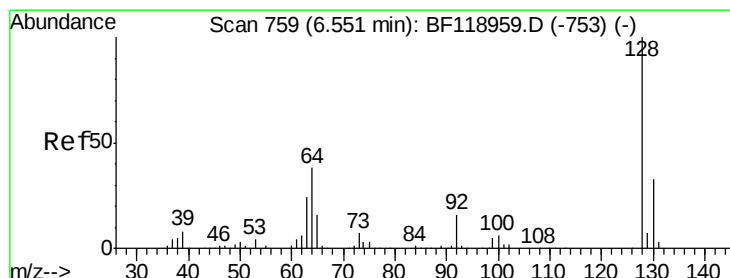
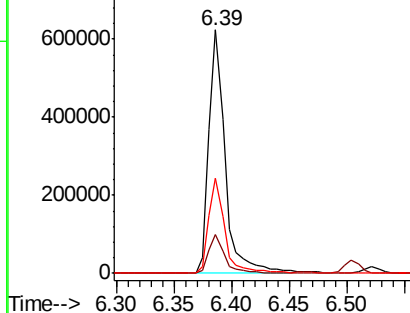
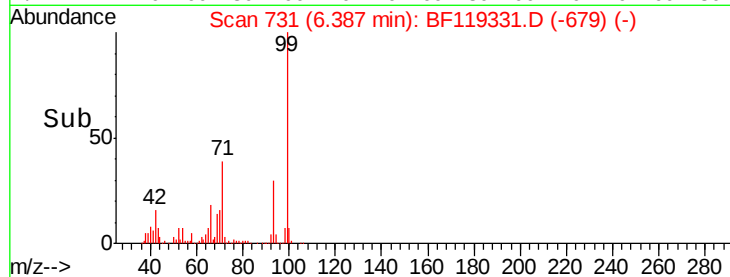
42 15.9 12.6 18.8

71 39.0 31.0 46.4



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

6.39



#8

2-Chlorophenol

Concen: 41.170 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF119331.D

Acq: 11 Mar 2020 00:20

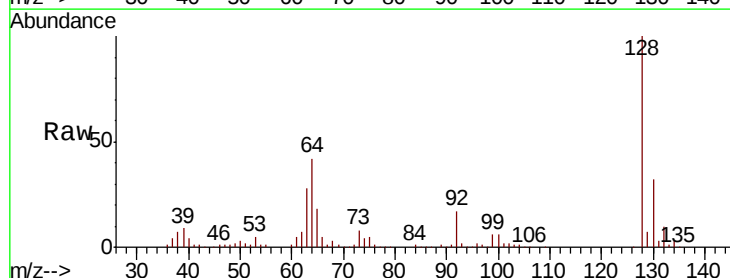
Tgt Ion: 128 Resp: 282743

Ion Ratio Lower Upper

128 100

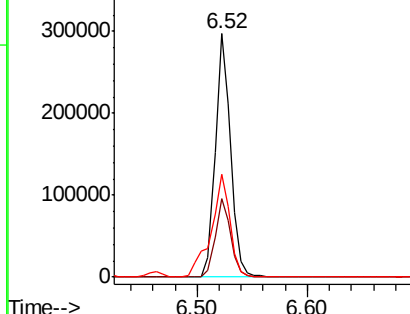
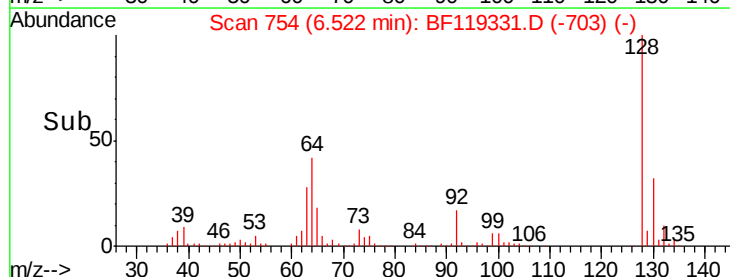
130 32.2 12.7 52.7

64 42.0 22.3 62.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

6.52





#9

Benzaldehyde

Concen: 35.084 ng

RT: 6.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF119331.D

Acq: 11 Mar 2020 00:20

Instrument :

BNA_F

ClientSampleId :

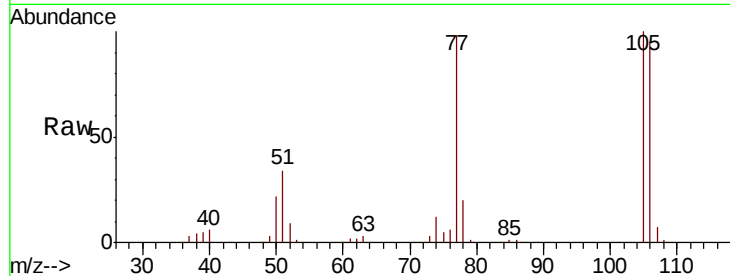
Tot Ion: 77 Resp: 181416

Ion Ratio Lower Upper

77 100

105 102.3 80.1 120.1

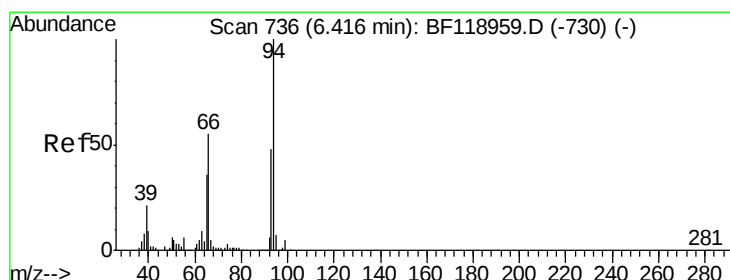
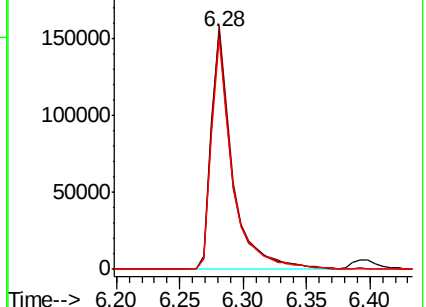
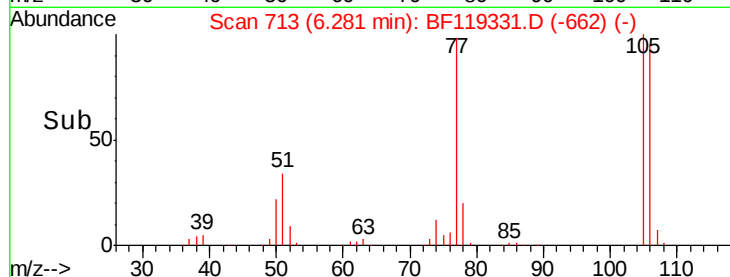
106 97.2 75.9 115.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 39.862 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF119331.D

Acq: 11 Mar 2020 00:20

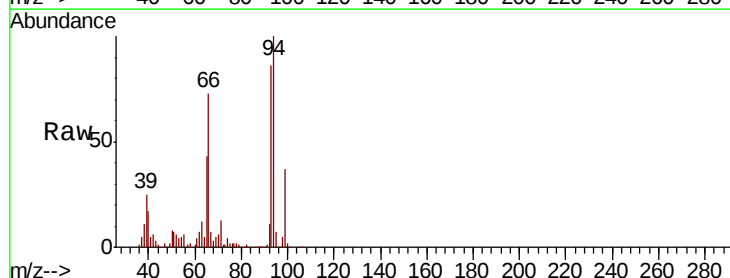
Tgt Ion: 94 Resp: 333555

Ion Ratio Lower Upper

94 100

65 42.9 19.2 59.2

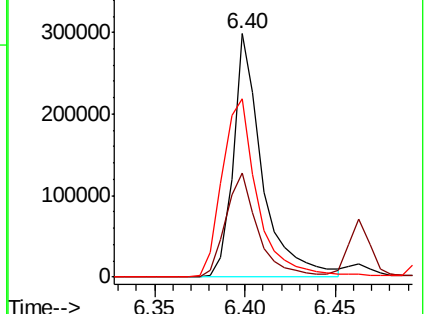
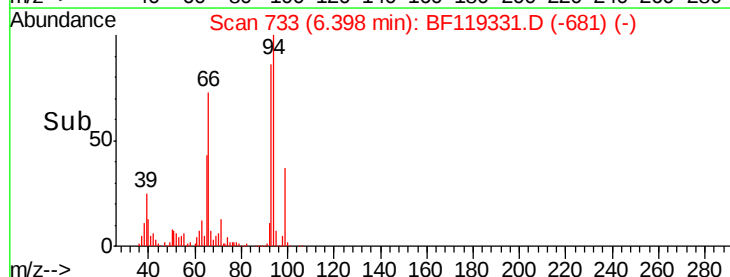
66 73.1 44.4 84.4

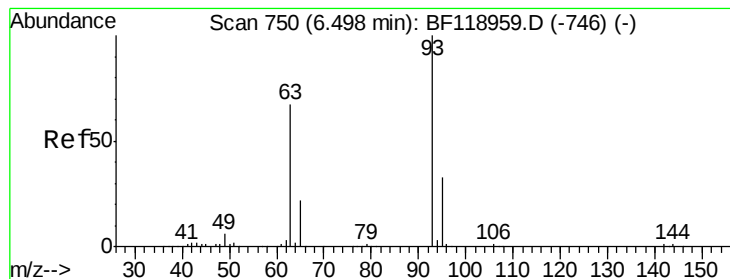


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.967 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF119331.D

Acq: 11 Mar 2020 00:20

Instrument :

BNA_F

ClientSampleId :

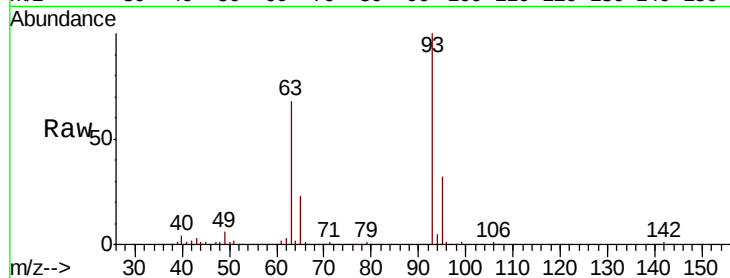
Tot Ion: 93 Resp: 262292

Ion Ratio Lower Upper

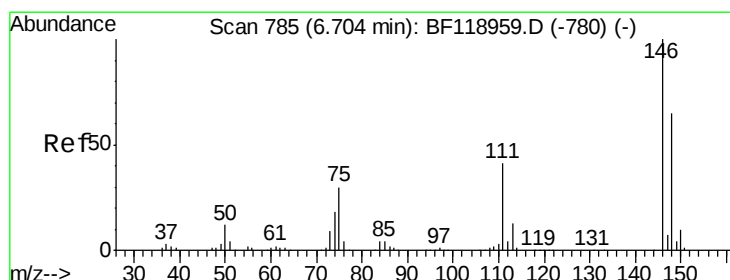
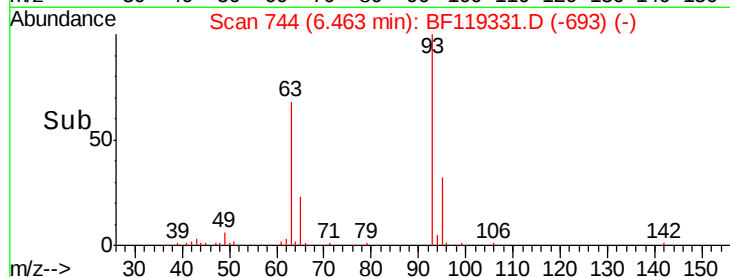
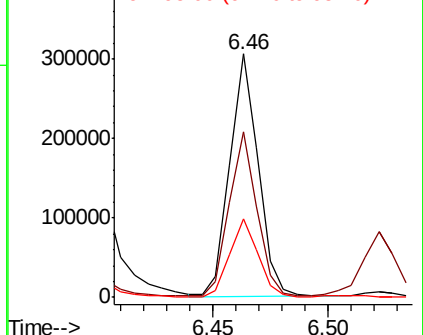
93 100

63 67.9 45.4 85.4

95 32.1 13.5 53.5



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



#12

1,3-Dichlorobenzene

Concen: 40.674 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF119331.D

Acq: 11 Mar 2020 00:20

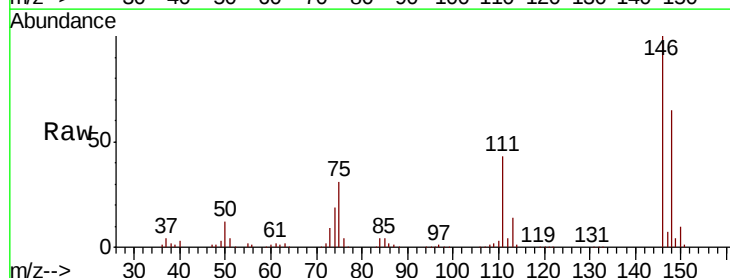
Tgt Ion: 146 Resp: 334802

Ion Ratio Lower Upper

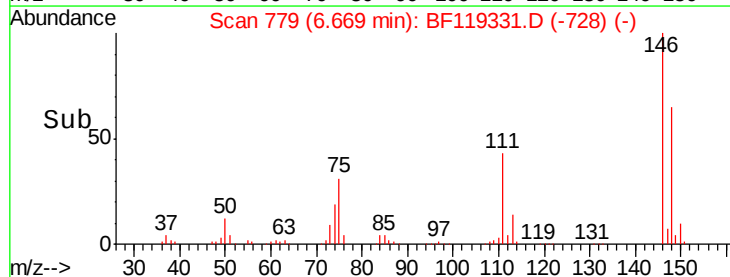
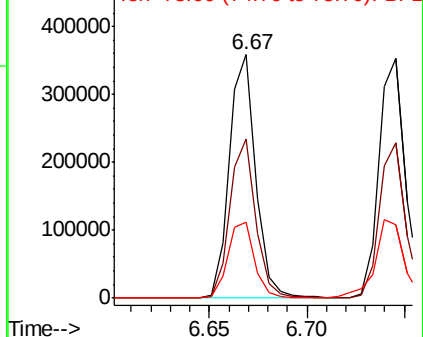
146 100

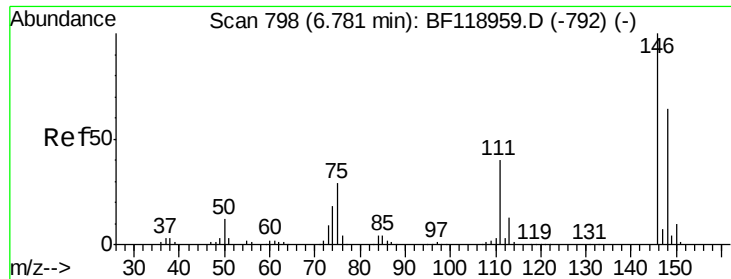
148 65.5 52.5 78.7

75 31.1 23.6 35.4



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

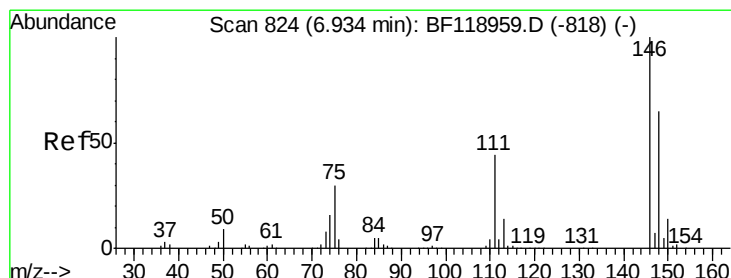
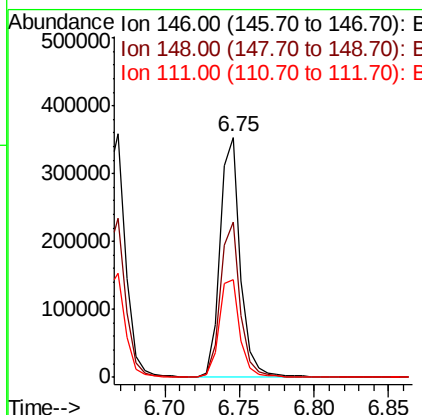
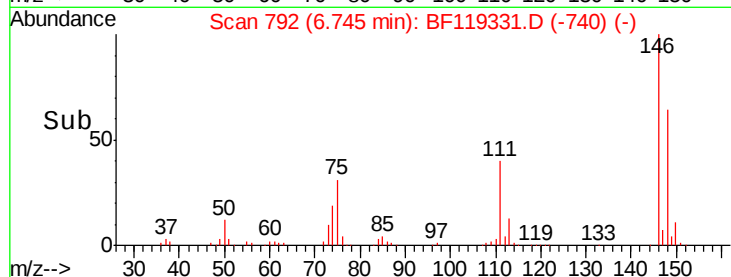
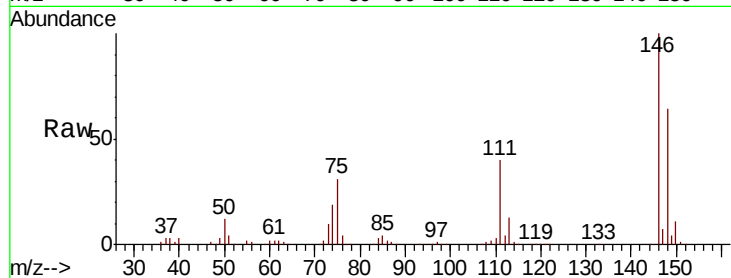




#13
 1,4-Dichlorobenzene
 Concen: 41.147 ng
 RT: 6.75 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF119331.D
 Acq: 11 Mar 2020 00:20

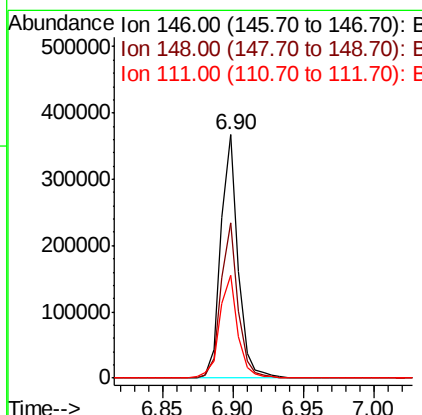
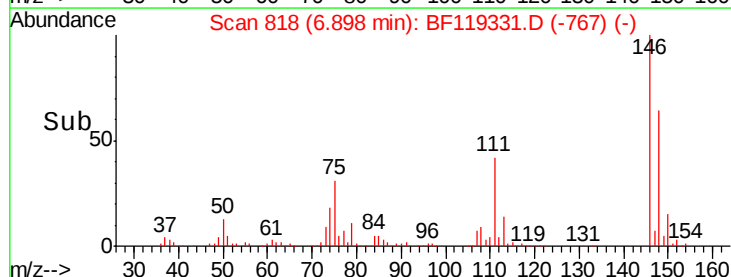
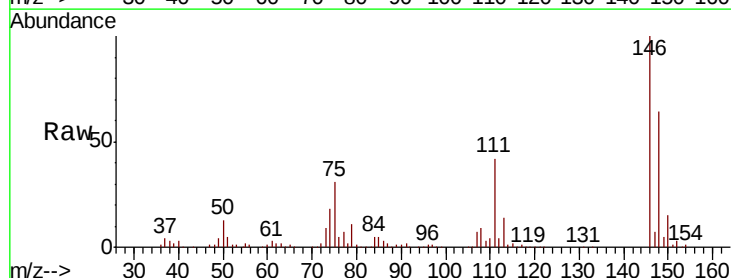
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.1	76.7
111	40.5	34.8	52.2



#14
 1,2-Dichlorobenzene
 Concen: 41.609 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF119331.D
 Acq: 11 Mar 2020 00:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.9	77.9
111	42.3	36.2	54.2





#15

Benzyl Alcohol

Concen: 40.968 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF119331.D

Acq: 11 Mar 2020 00:20

Instrument :

BNA_F

ClientSampled :

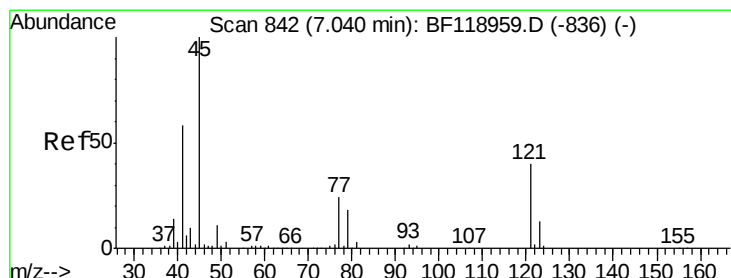
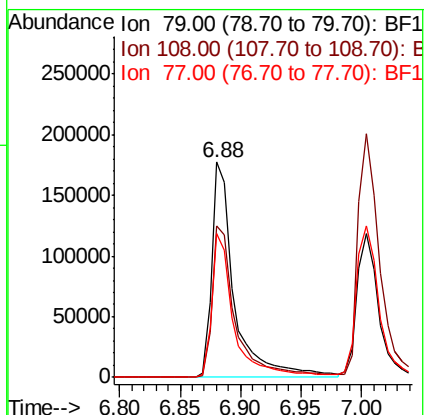
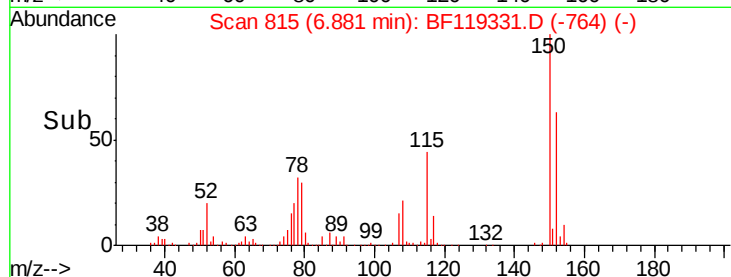
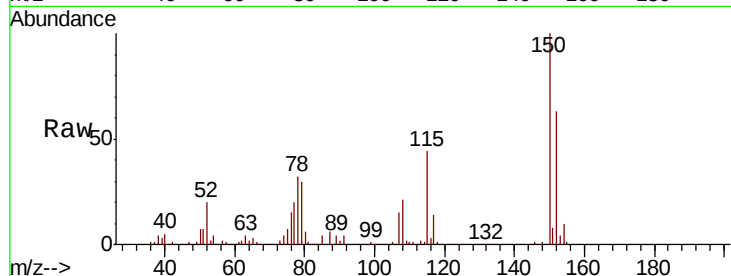
Tot Ion: 79 Resp: 229157

Ion Ratio Lower Upper

79 100

108 70.5 58.2 87.2

77 66.9 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.153 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF119331.D

Acq: 11 Mar 2020 00:20

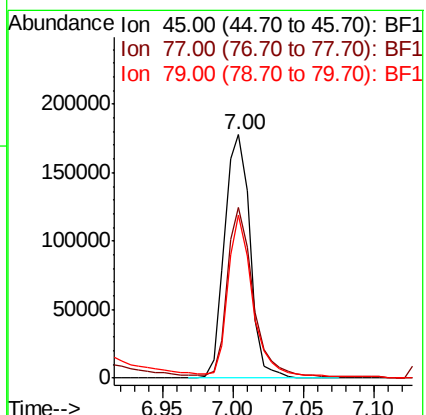
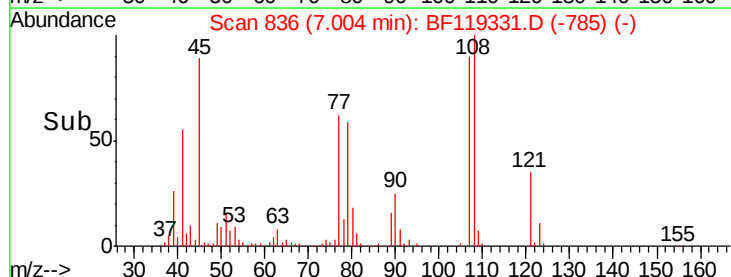
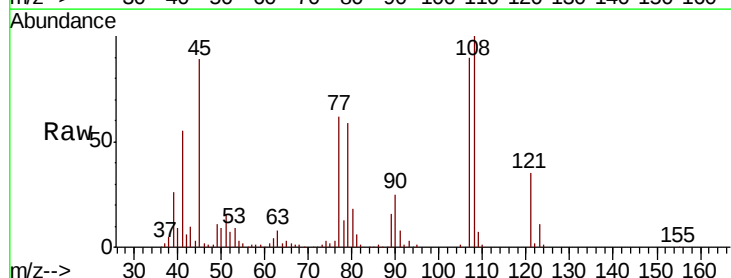
Tgt Ion: 45 Resp: 222695

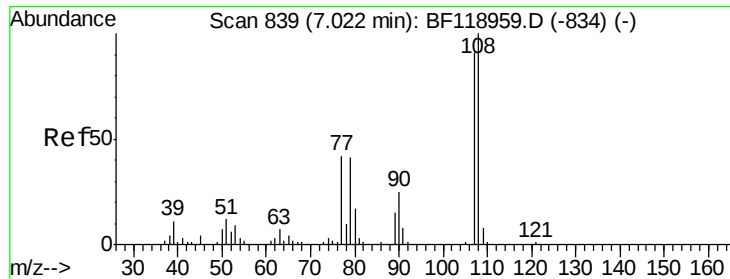
Ion Ratio Lower Upper

45 100

77 70.2 15.0 55.0#

79 66.8 9.4 49.4#

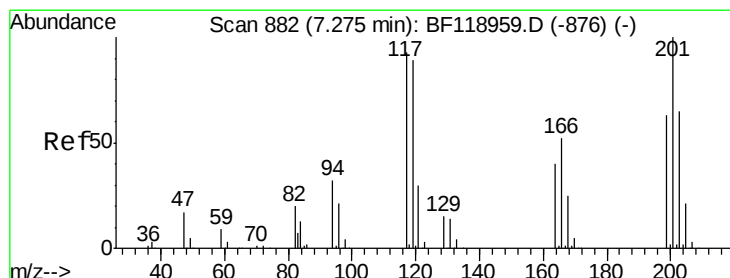
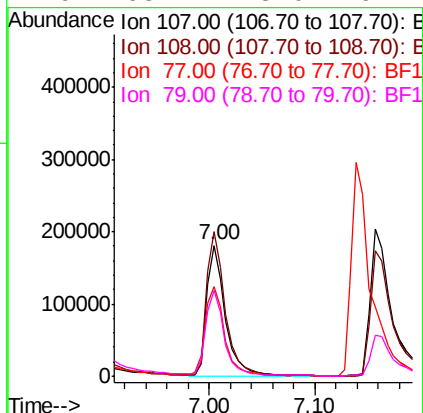
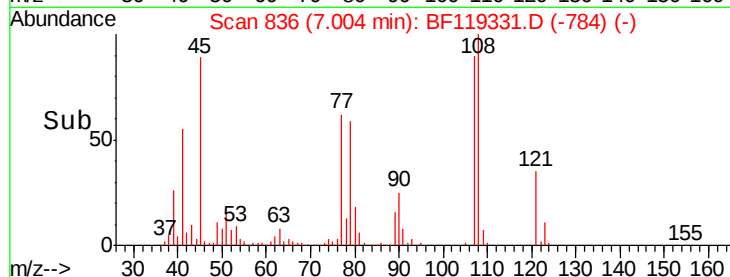
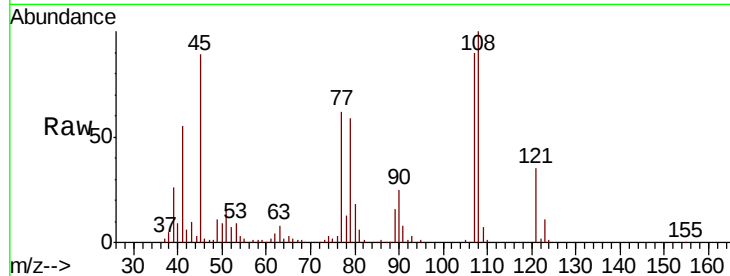




#17
2-Methylphenol
Concen: 39.982 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF119331.D
Acq: 11 Mar 2020 00:20

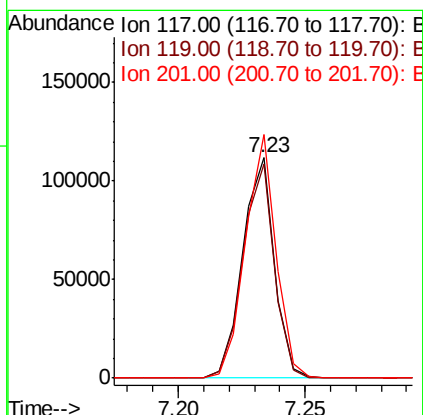
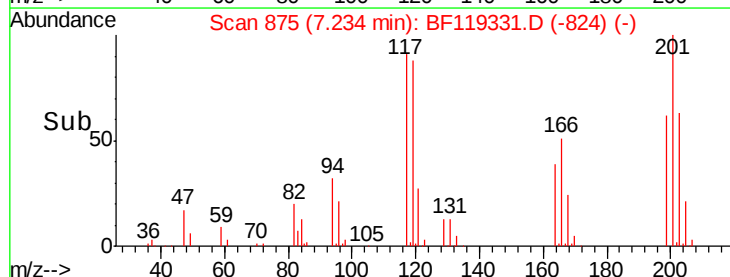
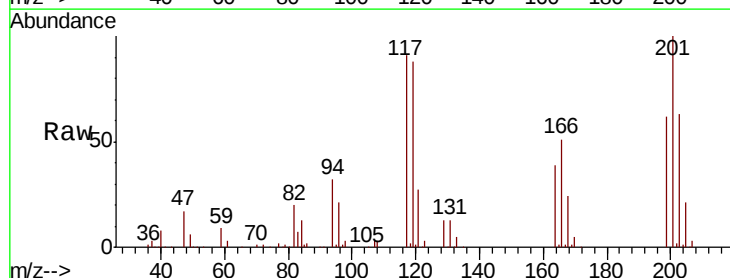
Instrument :
BNA_F
ClientSampleId :

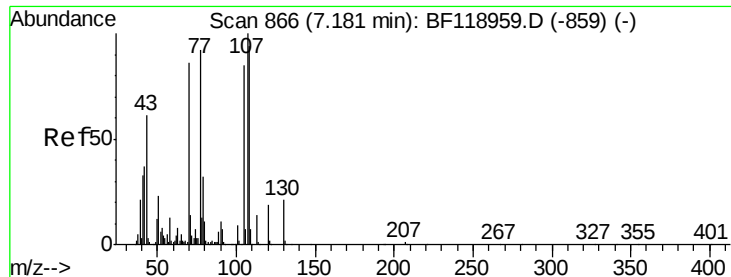
Tot Ion:107 Resp: 222623
Ion Ratio Lower Upper
107 100
108 110.5 87.9 131.9
77 68.7 45.3 67.9#
79 65.4 43.0 64.4#



#18
Hexachloroethane
Concen: 32.800 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF119331.D
Acq: 11 Mar 2020 00:20

Tgt Ion:117 Resp: 96660
Ion Ratio Lower Upper
117 100
119 96.9 77.5 116.3
201 110.5 82.6 123.8

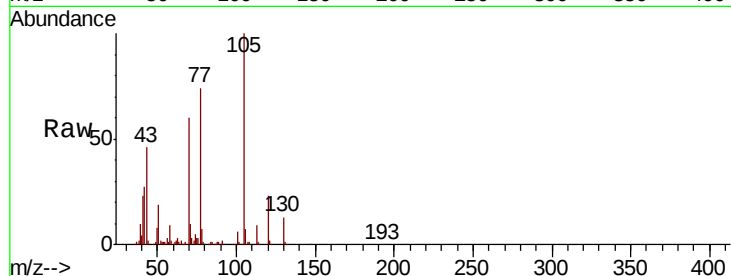




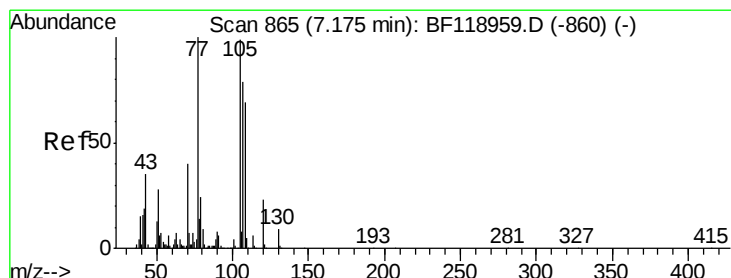
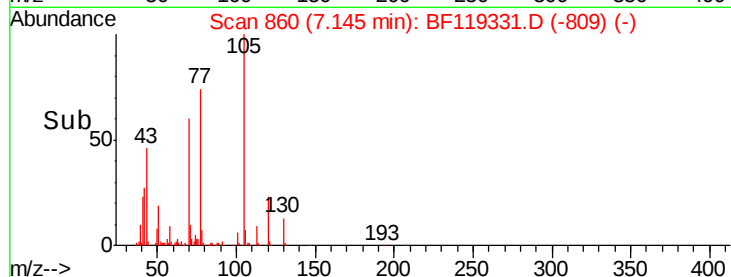
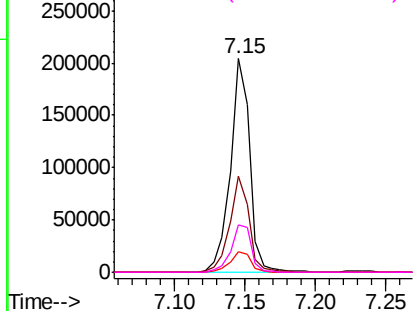
#19
n-Nitroso-di-n-propylamine
Concen: 43.287 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF119331.D
Acq: 11 Mar 2020 00:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 195215
Ion Ratio Lower Upper
70 100
42 44.7 38.0 57.0
101 9.4 8.2 12.4
130 22.3 18.2 27.4



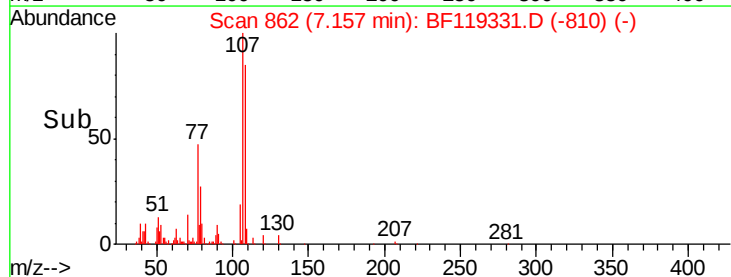
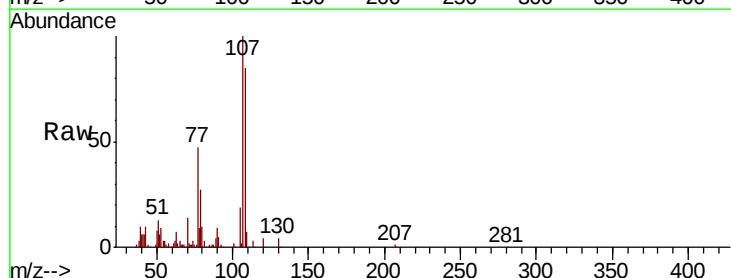
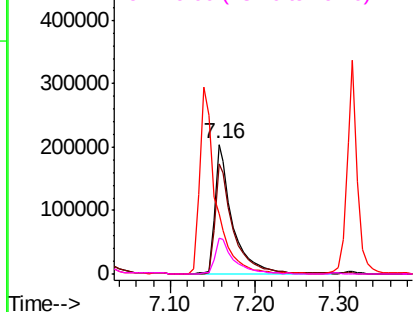
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

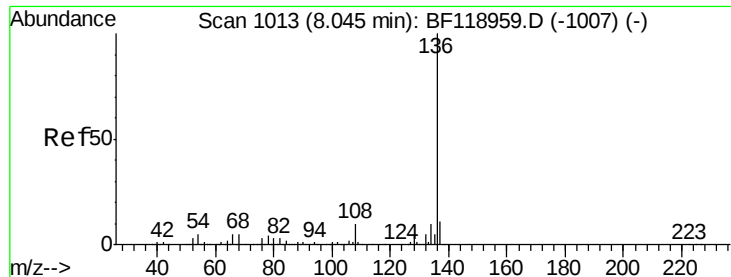


#20
3+4-Methylphenols
Concen: 43.758 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF119331.D
Acq: 11 Mar 2020 00:20

Tgt Ion: 107 Resp: 298497
Ion Ratio Lower Upper
107 100
108 85.2 71.5 111.5
77 46.8 45.9 85.9
79 27.4 13.8 53.8

Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF119331.D

Acq: 11 Mar 2020 00:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 380532

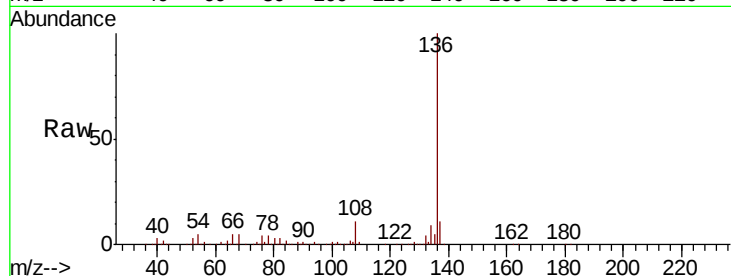
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 4.8 3.8 5.6

68 4.9 3.9 5.9

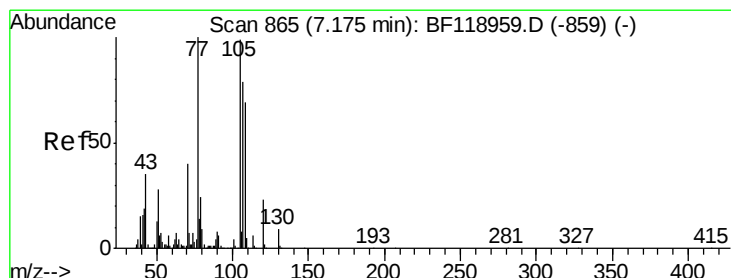
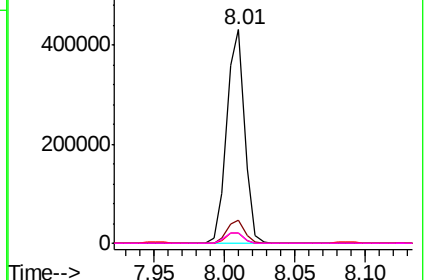
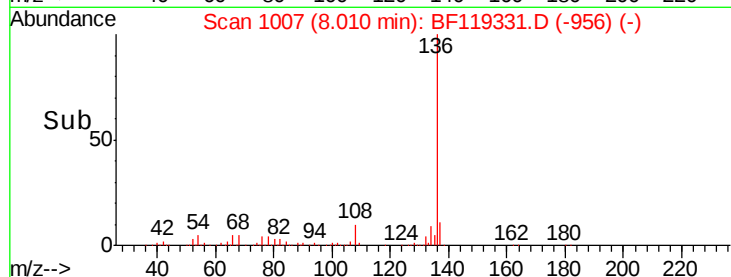


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 43.105 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF119331.D

Acq: 11 Mar 2020 00:20

Tgt Ion:105 Resp: 379517

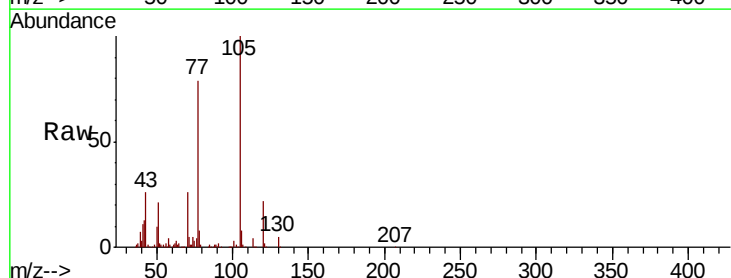
Ion Ratio Lower Upper

105 100

71 4.8 3.0 4.4#

51 20.7 20.1 30.1

120 21.9 18.0 27.0

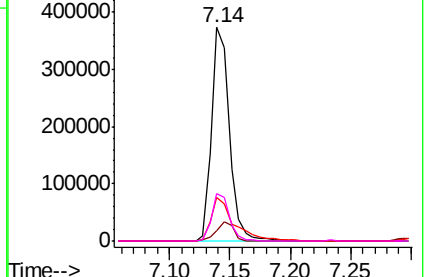
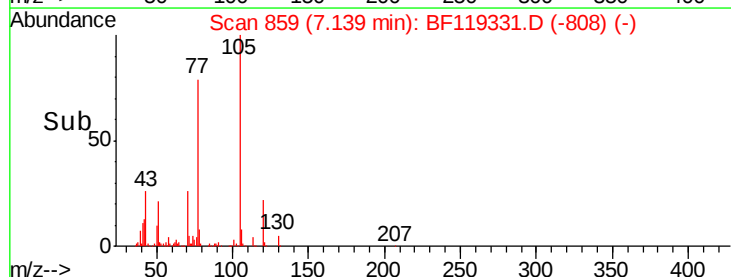


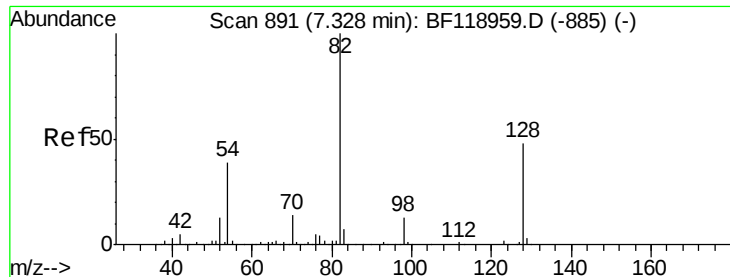
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

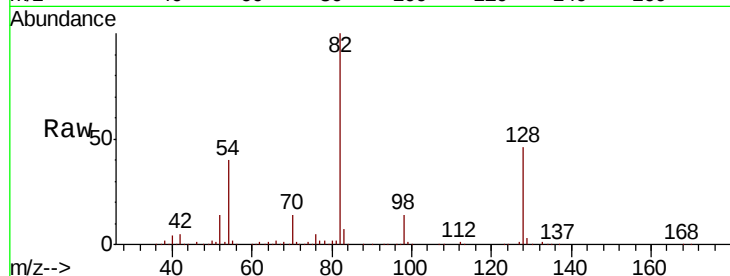




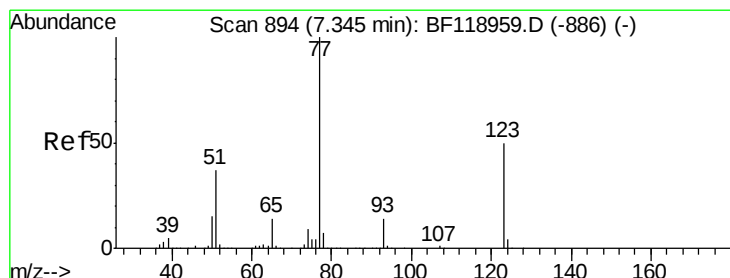
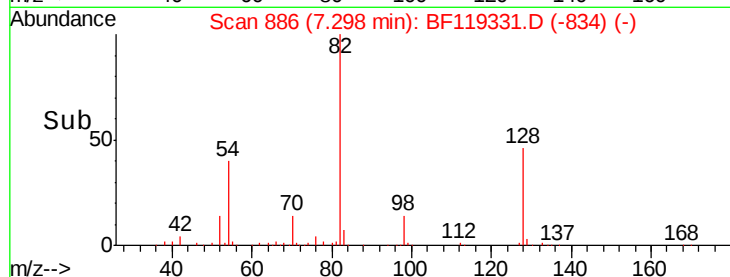
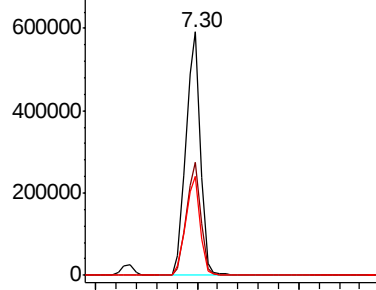
#23
Nitrobenzene-d5
Concen: 81.696 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF119331.D
Acq: 11 Mar 2020 00:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	588789
Ion Ratio	Lower	Upper	
82	100		
128	46.3	37.9	56.9
54	40.4	33.4	50.2

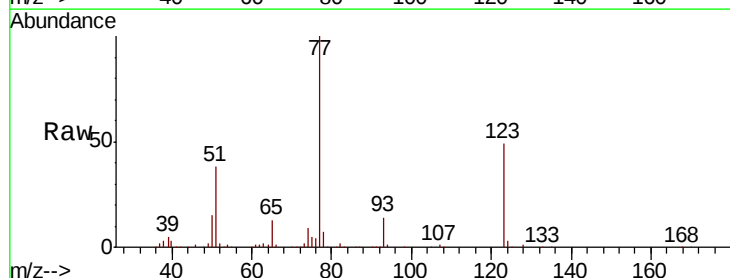


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

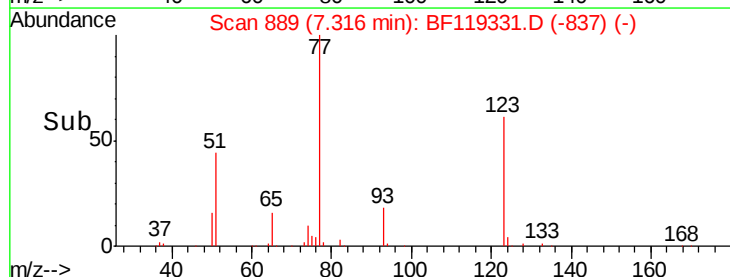
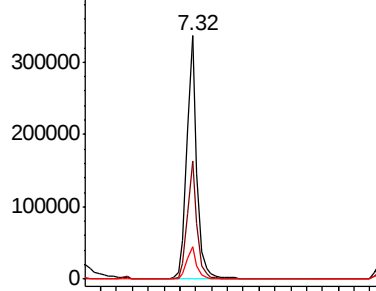


#24
Nitrobenzene
Concen: 41.199 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF119331.D
Acq: 11 Mar 2020 00:20

Tgt Ion	77	Resp	293628
Ion Ratio	Lower	Upper	
77	100		
123	48.8	40.2	60.2
65	13.3	10.8	16.2



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: 39.259 ng

RT: 7.55 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF119331.D

Acq: 11 Mar 2020 00:20

Instrument :

BNA_F

ClientSampleId :

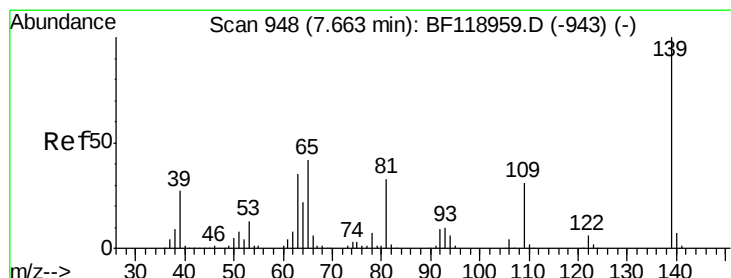
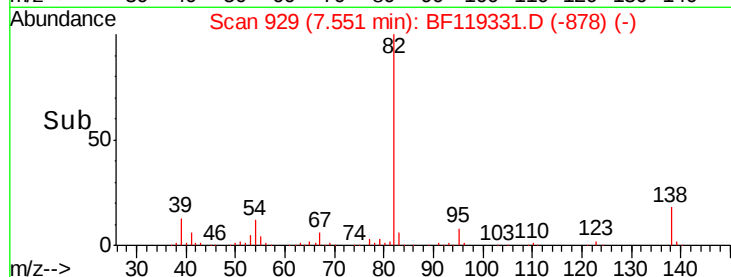
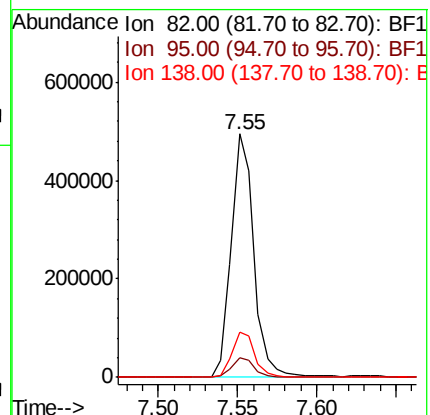
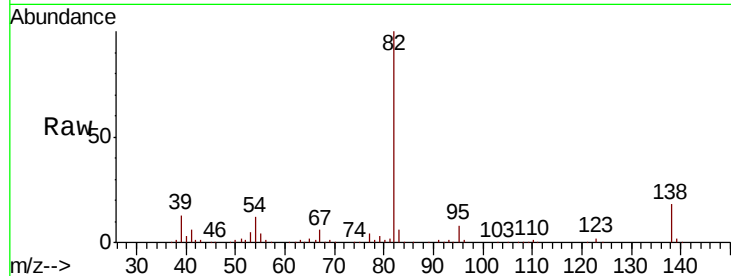
Tot Ion: 82 Resp: 491382

Ion Ratio Lower Upper

82 100

95 8.0 6.4 9.6

138 18.5 15.7 23.5



#26

2-Nitrophenol

Concen: 31.768 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF119331.D

Acq: 11 Mar 2020 00:20

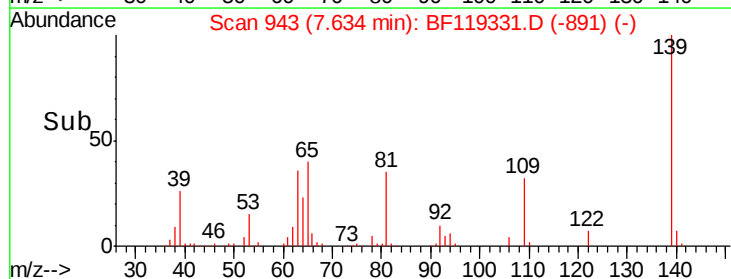
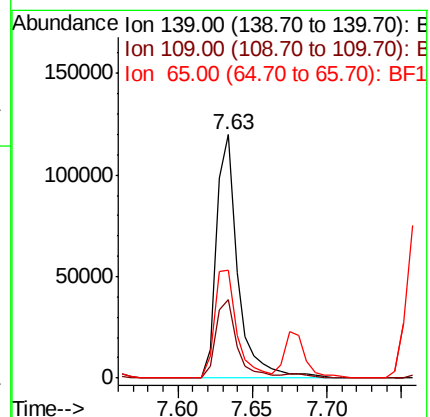
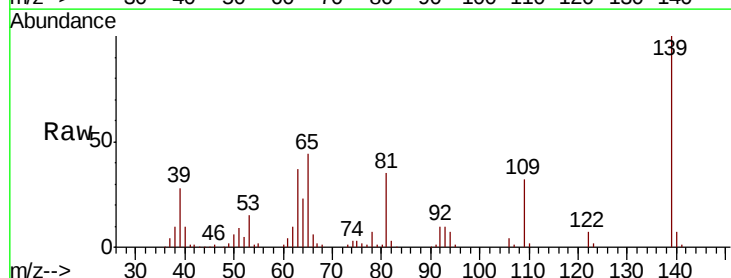
Tgt Ion: 139 Resp: 119965

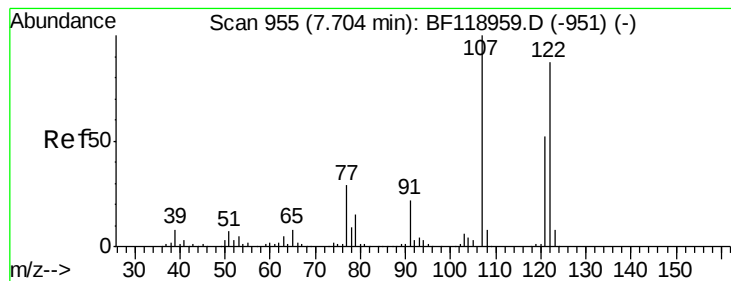
Ion Ratio Lower Upper

139 100

109 32.1 25.7 38.5

65 44.4 37.1 55.7





#27

2,4-Dimethylphenol

Concen: 39.485 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF119331.D

Acq: 11 Mar 2020 00:20

Instrument :

BNA_F

ClientSampleId :

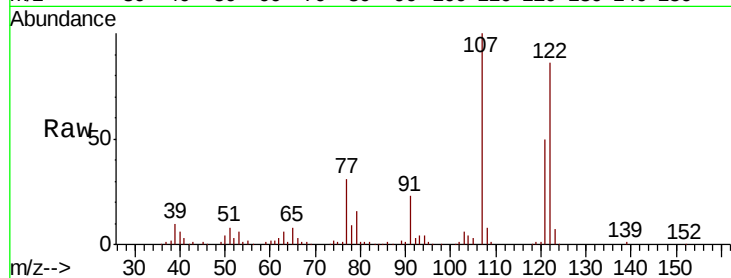
Tot Ion:122 Resp: 202360

Ion Ratio Lower Upper

122 100

107 116.6 93.8 140.6

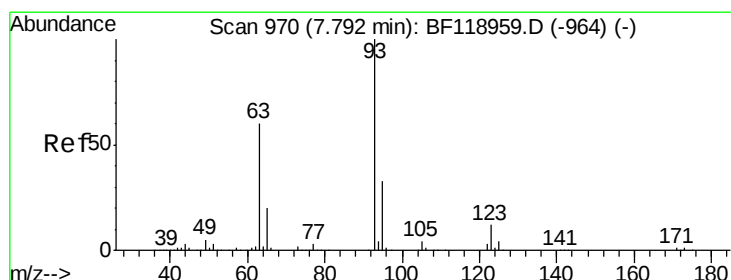
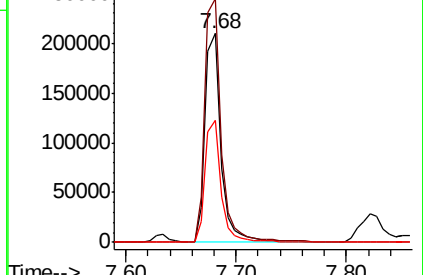
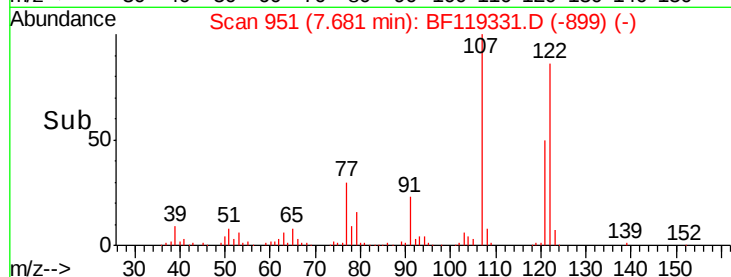
121 58.5 48.2 72.2



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: 40.381 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF119331.D

Acq: 11 Mar 2020 00:20

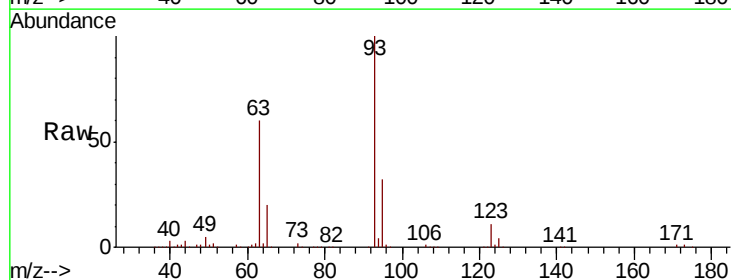
Tgt Ion: 93 Resp: 328983

Ion Ratio Lower Upper

93 100

95 31.5 26.5 39.7

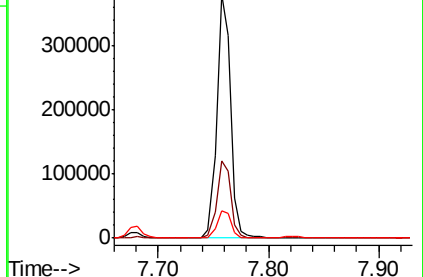
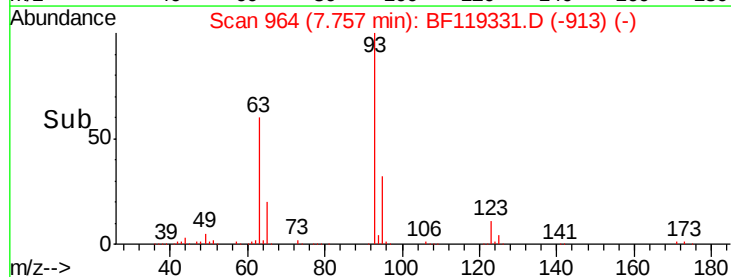
123 11.2 10.2 15.2

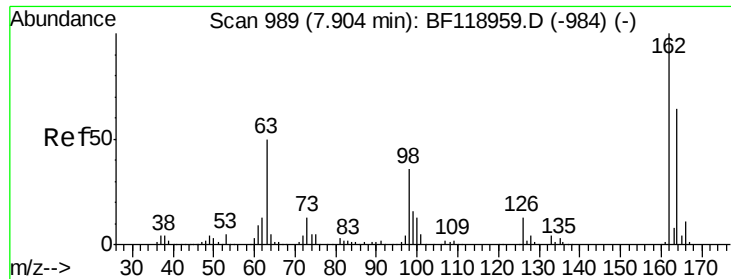


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

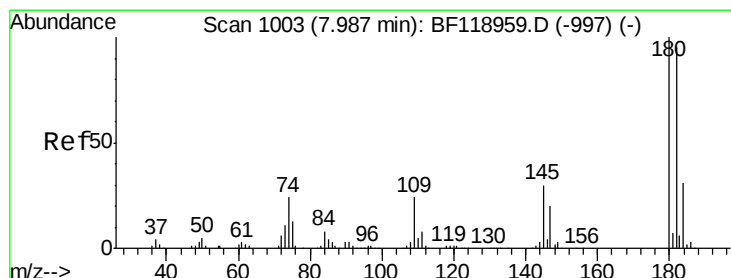
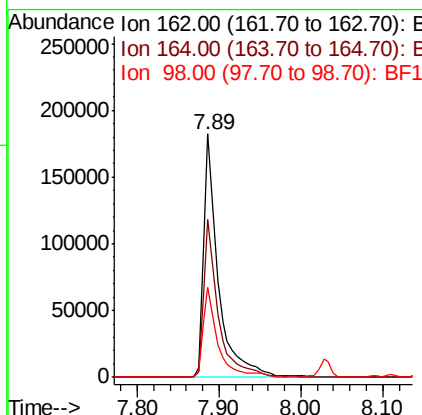
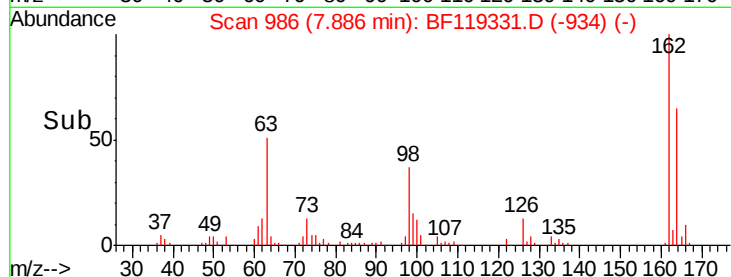
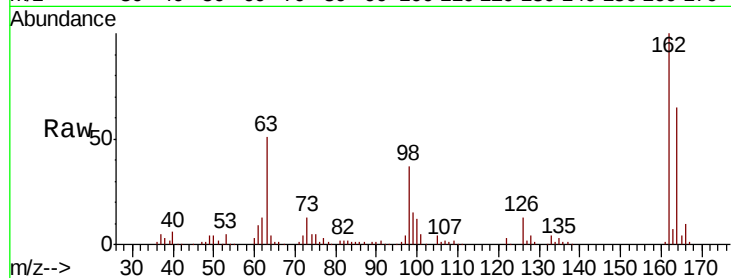




#29
2,4-Dichlorophenol
Concen: 38.513 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.01 min
Lab File: BF119331.D
Acq: 11 Mar 2020 00:20

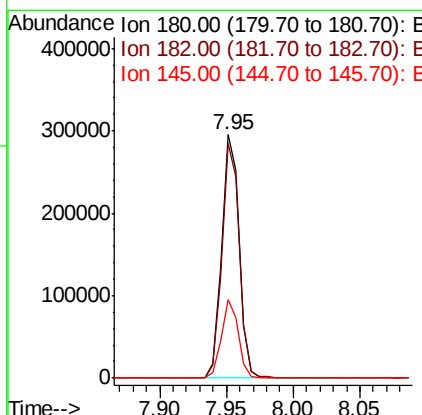
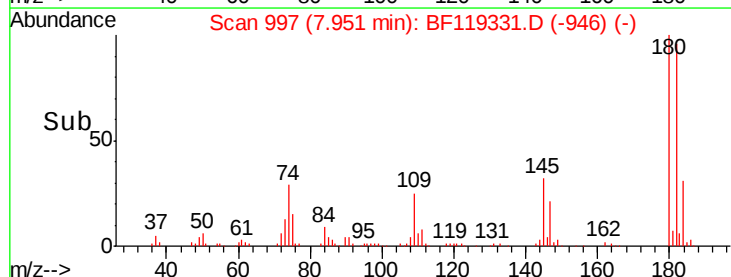
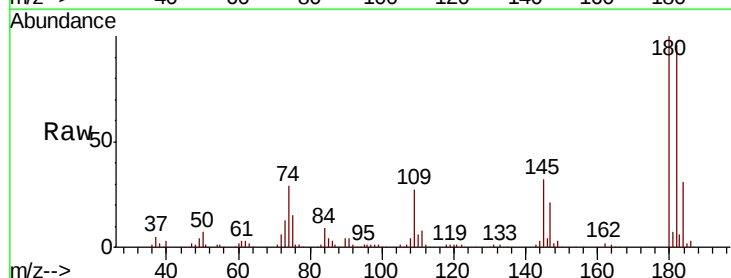
Instrument :
BNA_F
ClientSampleId :

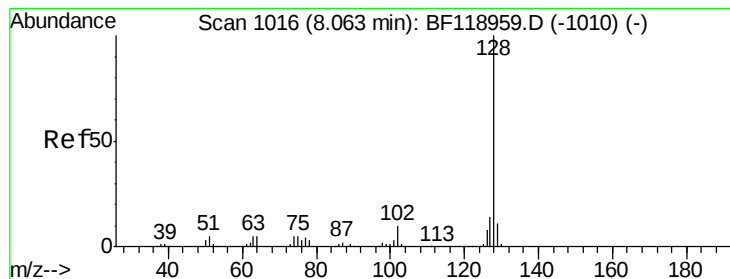
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	45.2	85.2
98	37.2	17.4	57.4



#30
1,2,4-Trichlorobenzene
Concen: 38.229 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF119331.D
Acq: 11 Mar 2020 00:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	77.8	116.6
145	32.2	25.2	37.8





#31

Naphthalene

Concen: 39.296 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF119331.D

Acq: 11 Mar 2020 00:20

Instrument :

BNA_F

ClientSampleId :

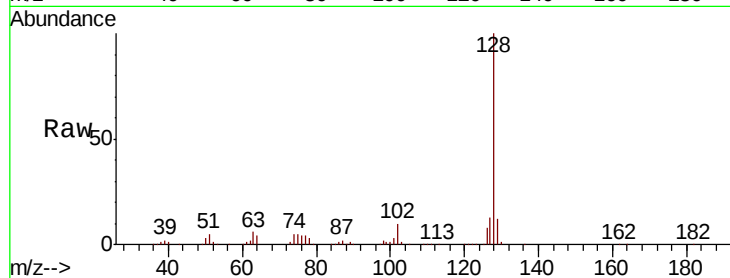
Tot Ion:128 Resp: 775506

Ion Ratio Lower Upper

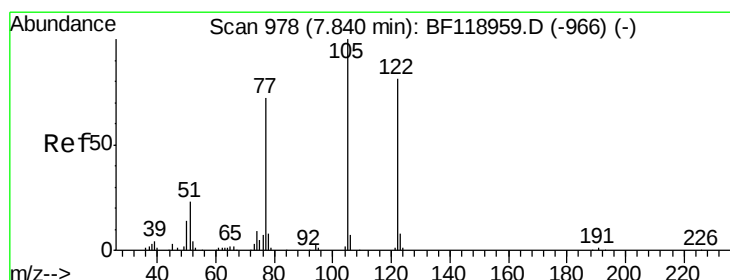
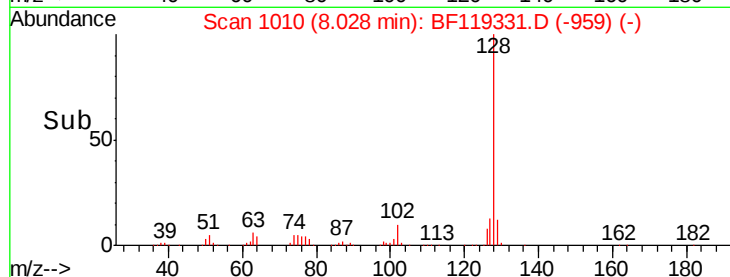
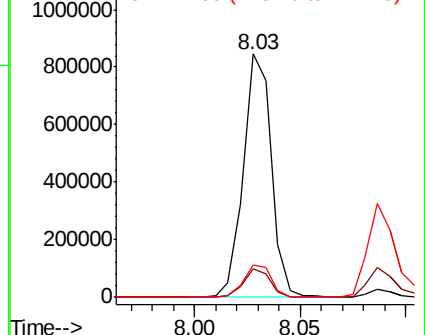
128 100

129 11.6 9.4 14.2

127 13.3 11.4 17.2



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: 16.283 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.02 min

Lab File: BF119331.D

Acq: 11 Mar 2020 00:20

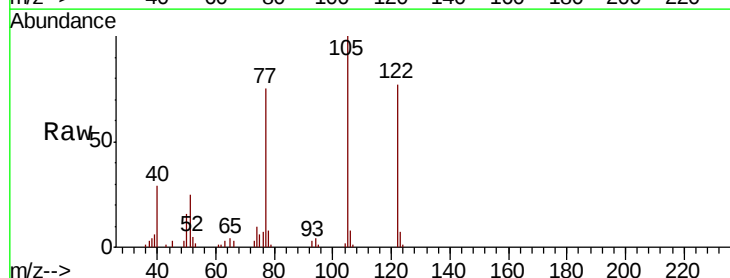
Tgt Ion:122 Resp: 41715

Ion Ratio Lower Upper

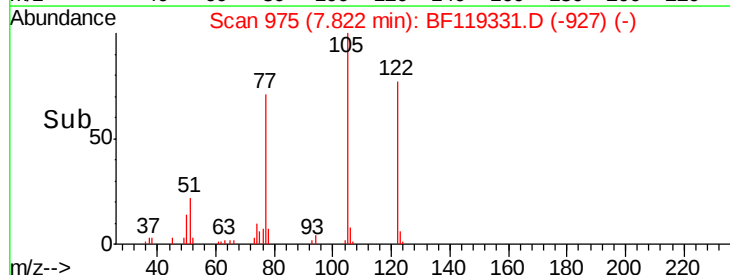
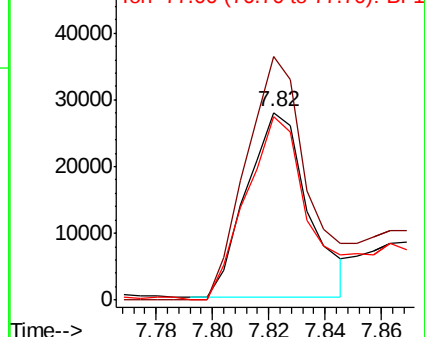
122 100

105 129.9 106.3 146.3

77 97.9 73.1 113.1



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

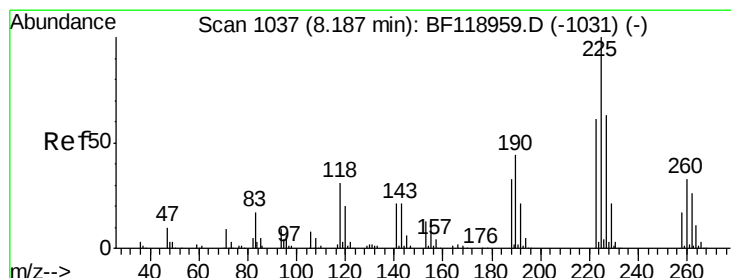
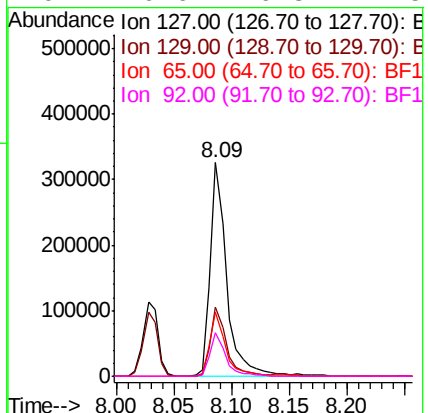
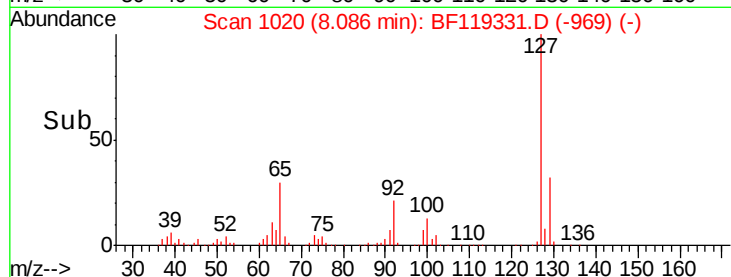
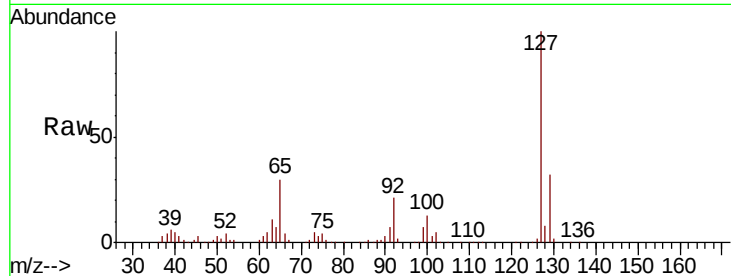




#33
4-Chloroaniline
Concen: 37.817 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF119331.D
Acq: 11 Mar 2020 00:20

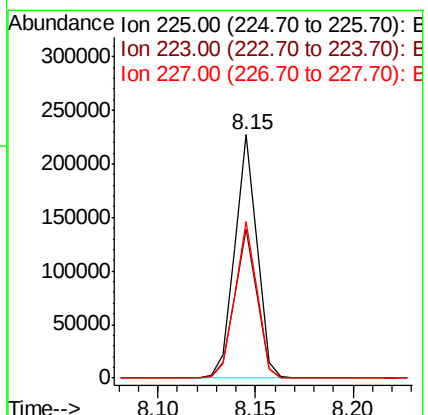
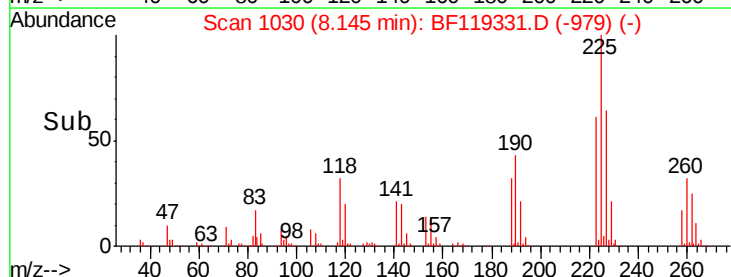
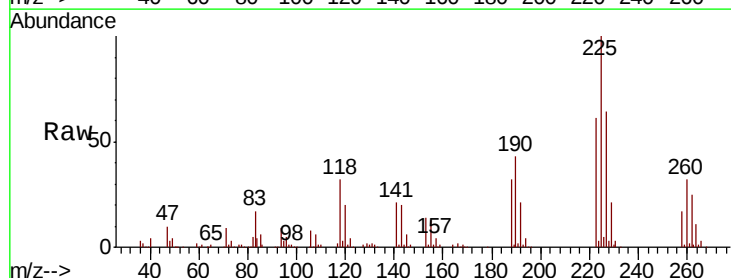
Instrument :
BNA_F
ClientSampled :

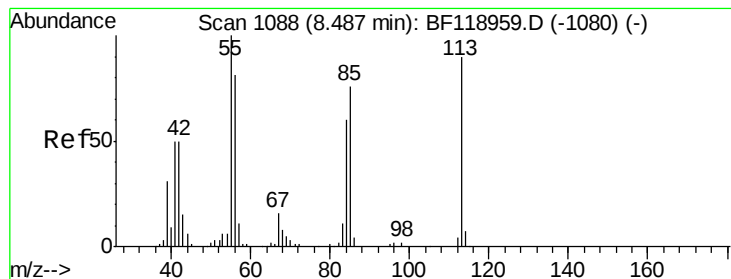
Tot Ion:	127	Resp:	320997
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	30.0	23.9	35.9
92	20.6	16.3	24.5



#34
Hexachlorobutadiene
Concen: 40.385 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF119331.D
Acq: 11 Mar 2020 00:20

Tgt Ion:	225	Resp:	179952
Ion	Ratio	Lower	Upper
225	100		
223	61.3	49.4	74.2
227	64.5	52.9	79.3





#35

Caprolactam

Concen: 35.292 ng

RT: 8.47 min Scan# 1085

Delta R.T. 0.01 min

Lab File: BF119331.D

Acq: 11 Mar 2020 00:20

Instrument :

BNA_F

ClientSampleId :

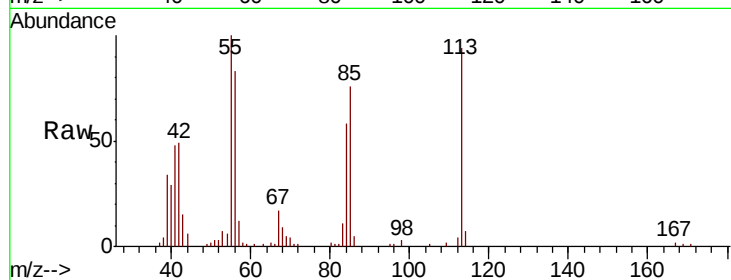
Tot Ion:113 Resp: 65565

Ion Ratio Lower Upper

113 100

55 106.8 95.7 135.7

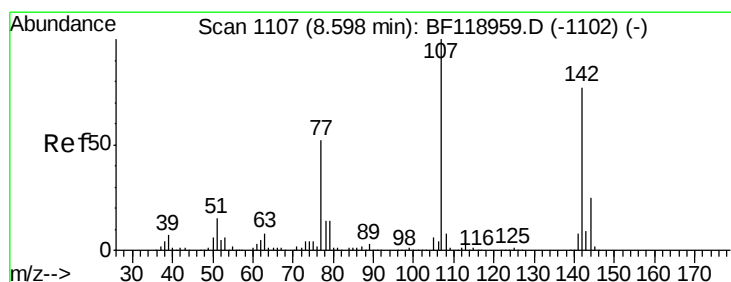
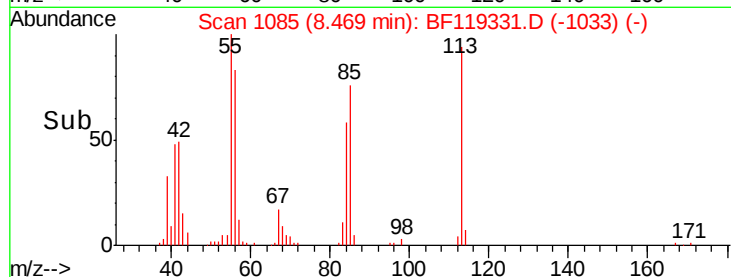
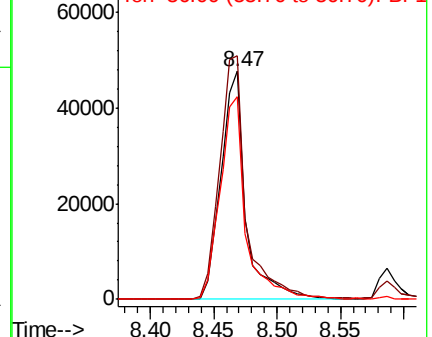
56 88.8 73.1 113.1



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: 38.375 ng

RT: 8.59 min Scan# 1105

Delta R.T. 0.00 min

Lab File: BF119331.D

Acq: 11 Mar 2020 00:20

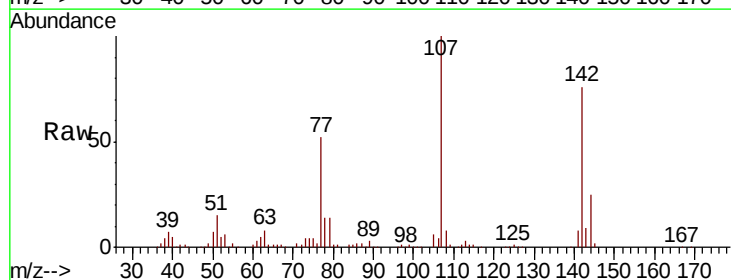
Tgt Ion:107 Resp: 234321

Ion Ratio Lower Upper

107 100

144 24.6 20.1 30.1

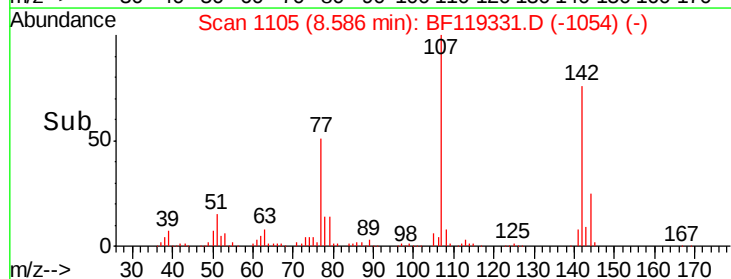
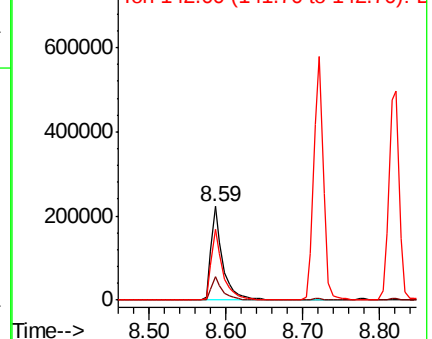
142 76.2 61.4 92.2

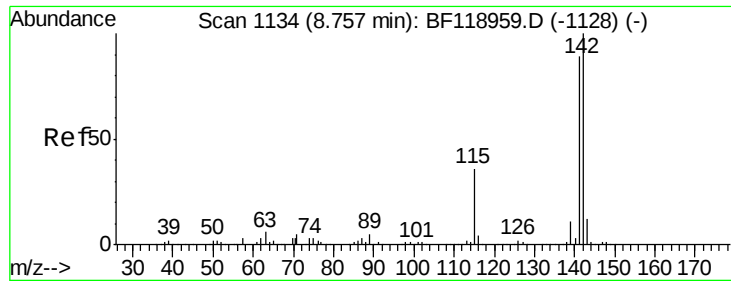


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

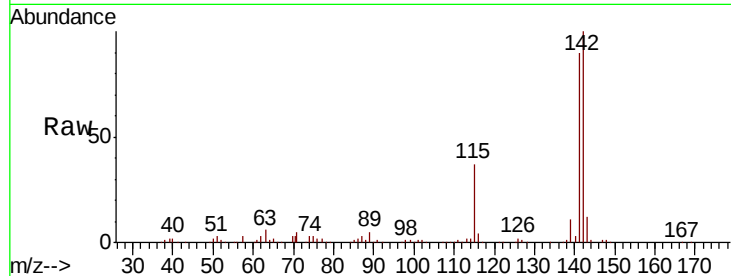




#37
2-Methylnaphthalene
Concen: 38.144 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF119331.D
Acq: 11 Mar 2020 00:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.3	108.5
115	36.5	30.6	45.8

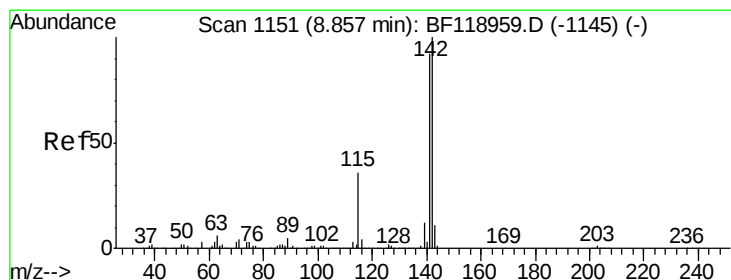
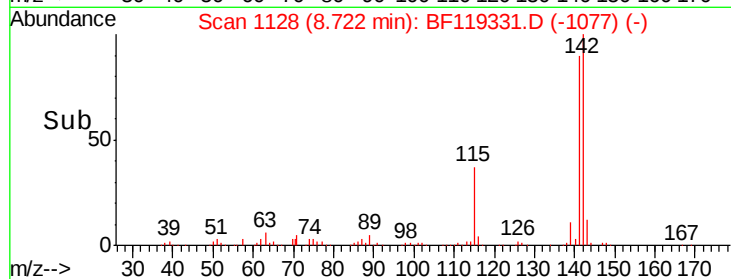
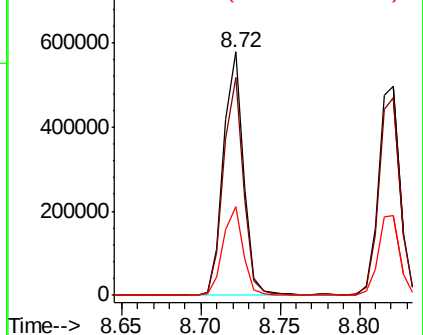


Abundance

Ion 142.00 (141.70 to 142.70): E

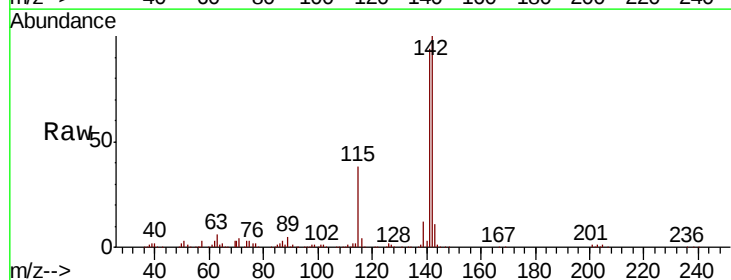
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 37.629 ng
RT: 8.82 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF119331.D
Acq: 11 Mar 2020 00:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	75.8	113.6
116	3.9	3.1	4.7

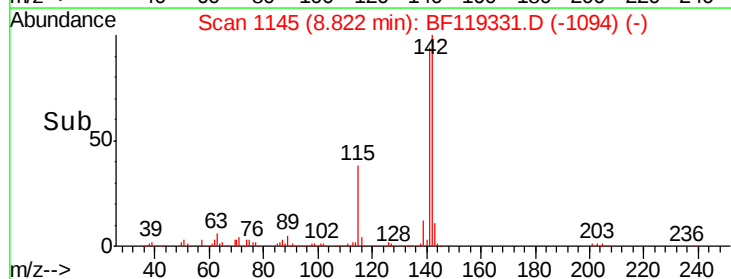
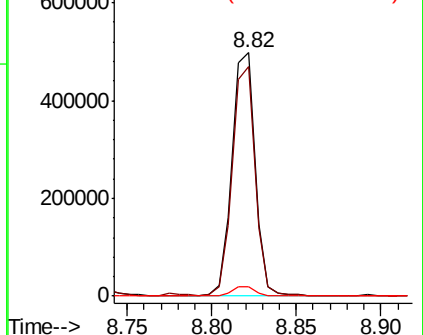


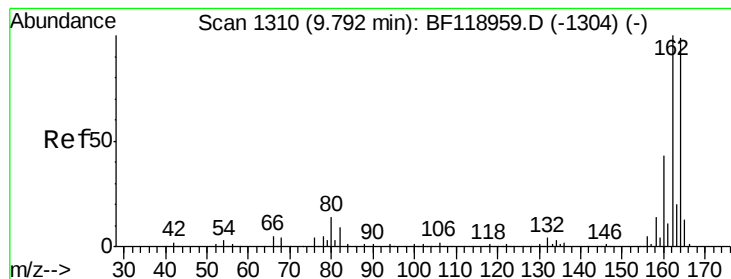
Abundance

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: BF119331.D

Acq: 11 Mar 2020 00:20

Instrument :

BNA_F

ClientSampleId :

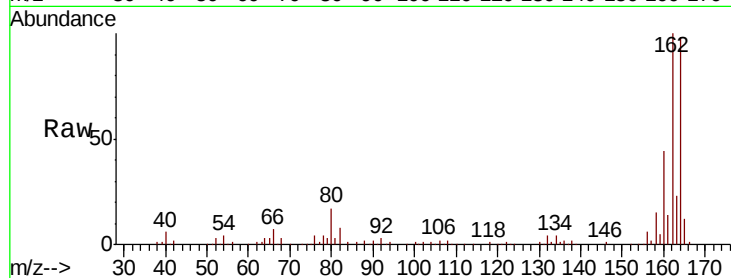
Tot Ion:164 Resp: 181295

Ion Ratio Lower Upper

164 100

162 101.9 81.8 122.8

160 44.7 36.0 54.0

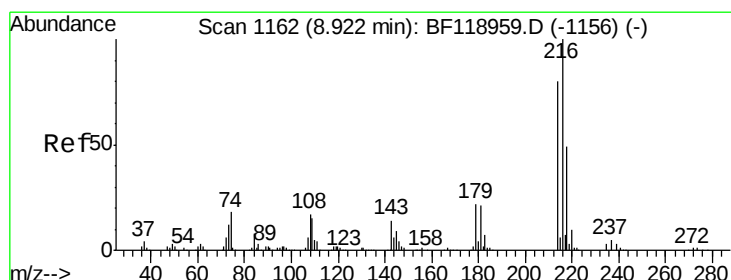
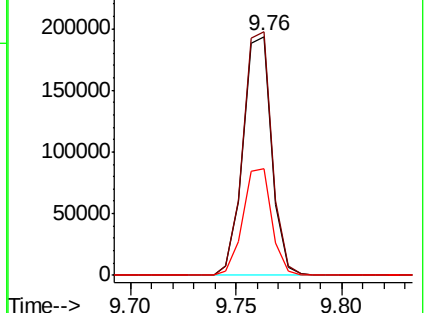
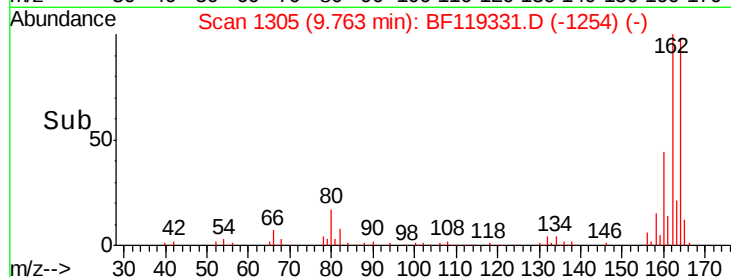


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.259 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF119331.D

Acq: 11 Mar 2020 00:20

Tgt Ion:216 Resp: 258311

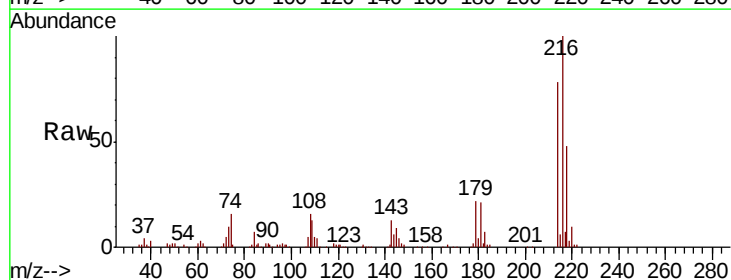
Ion Ratio Lower Upper

216 100

214 79.1 63.3 94.9

179 21.8 17.7 26.5

108 16.7 13.9 20.9



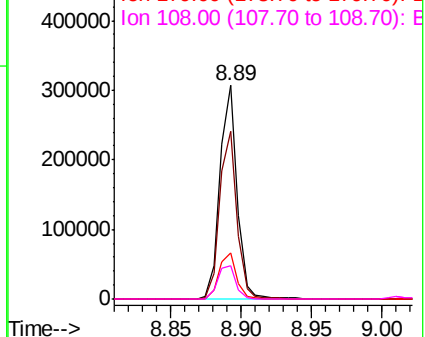
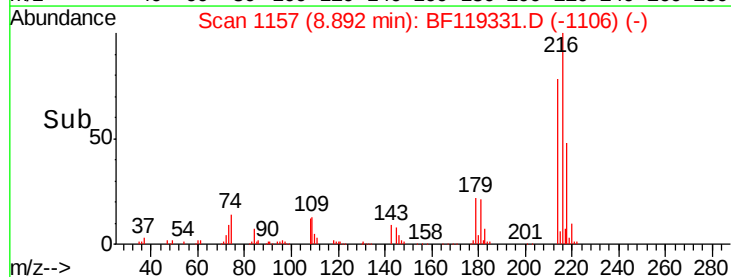
Abundance

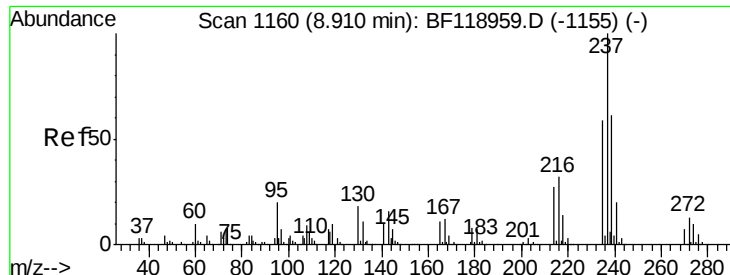
Ion 216.00 (215.70 to 216.70): E

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: 9.850 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF119331.D

Acq: 11 Mar 2020 00:20

Instrument :

BNA_F

ClientSampleId :

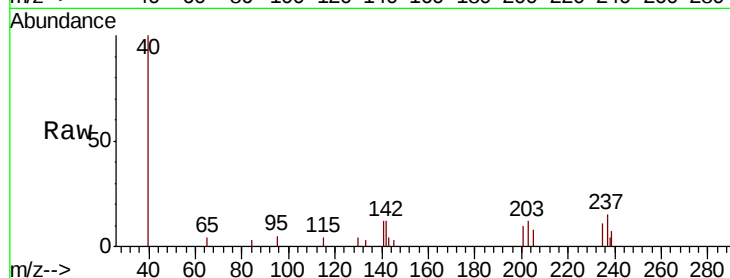
Tot Ion:237 Resp: 1150

Ion Ratio Lower Upper

237 100

235 71.3 42.3 82.3

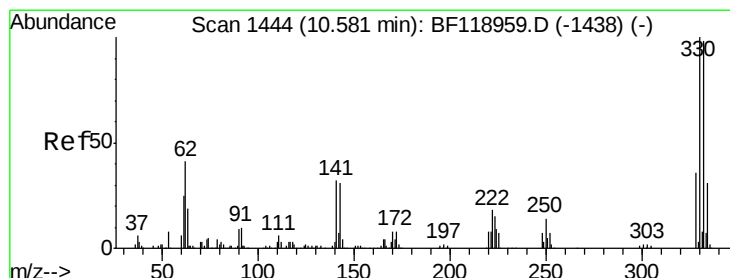
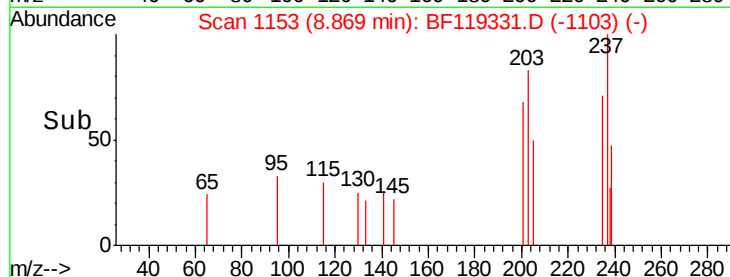
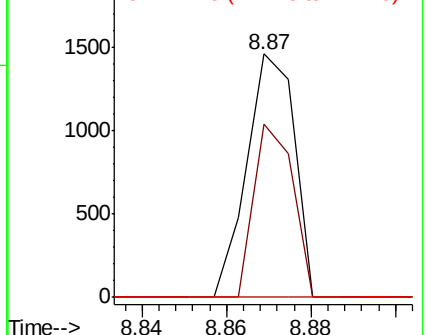
272 0.0 0.0 33.5



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: 65.093 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF119331.D

Acq: 11 Mar 2020 00:20

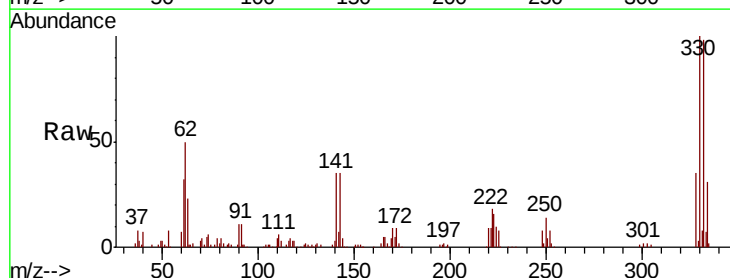
Tgt Ion:330 Resp: 154378

Ion Ratio Lower Upper

330 100

332 97.5 76.0 114.0

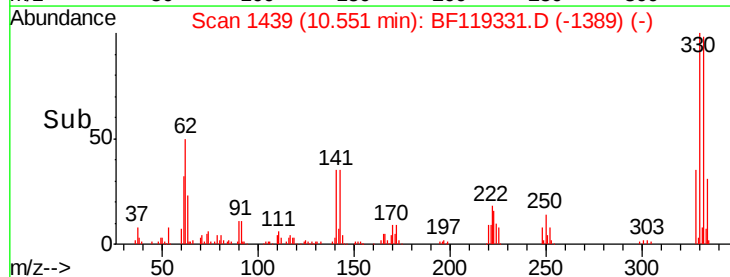
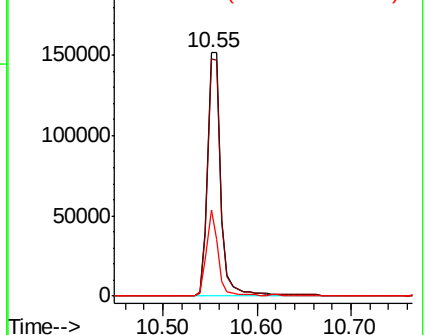
141 30.3 22.9 34.3

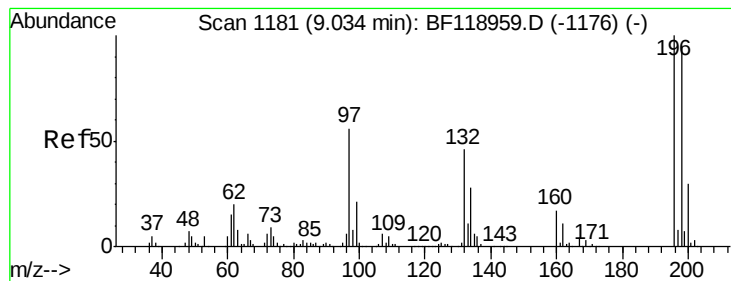


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 39.471 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.01 min

Lab File: BF119331.D

Acq: 11 Mar 2020 00:20

Instrument :

BNA_F

ClientSampled :

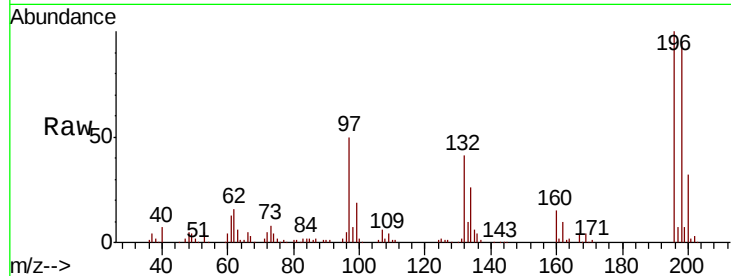
Tot Ion:196 Resp: 152357

Ion Ratio Lower Upper

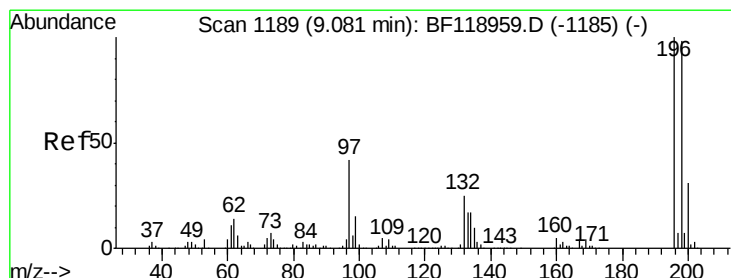
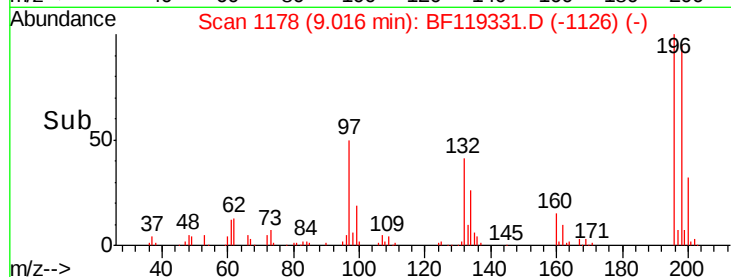
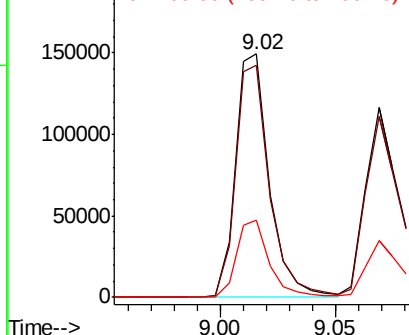
196 100

198 95.2 77.1 115.7

200 31.9 25.0 37.6



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 35.630 ng

RT: 9.07 min Scan# 1187

Delta R.T. 0.01 min

Lab File: BF119331.D

Acq: 11 Mar 2020 00:20

Tgt Ion:196 Resp: 144320

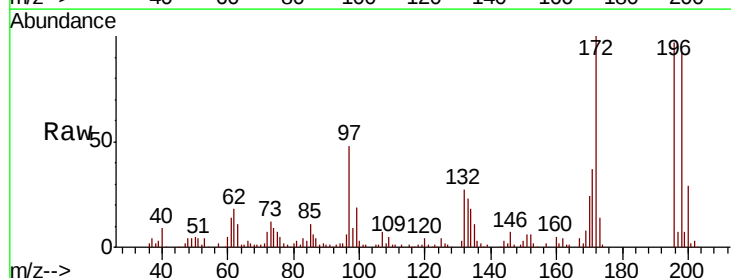
Ion Ratio Lower Upper

196 100

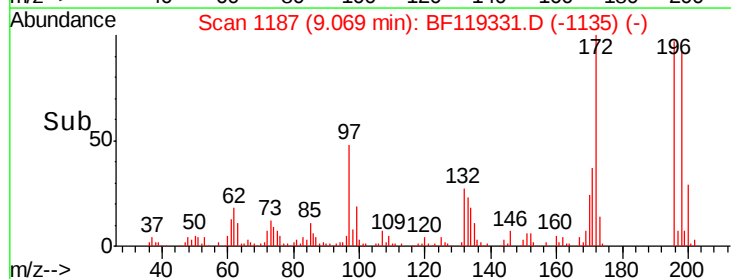
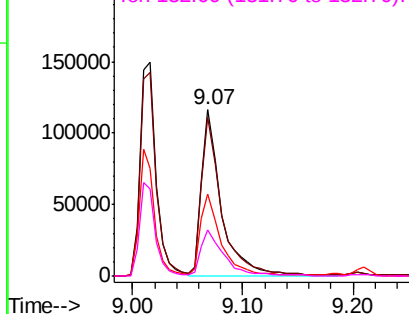
198 95.5 76.8 115.2

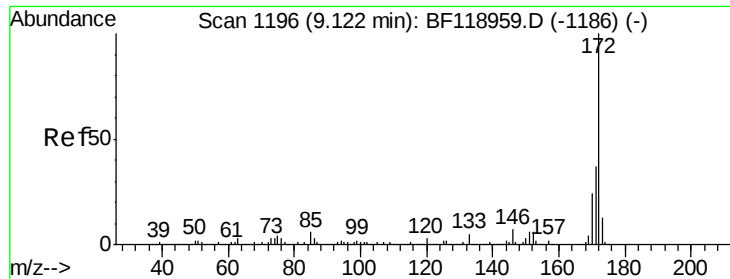
97 49.5 38.5 57.7

132 27.8 22.2 33.4



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

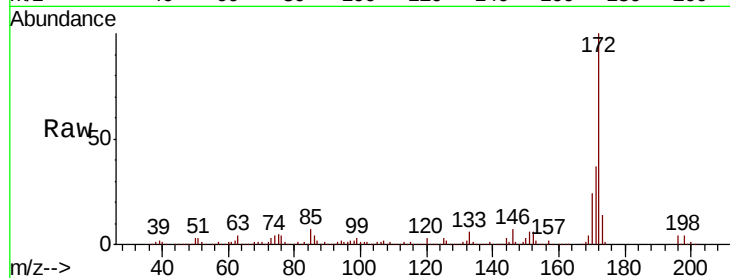




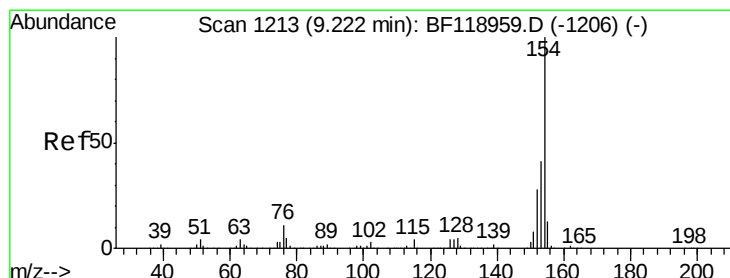
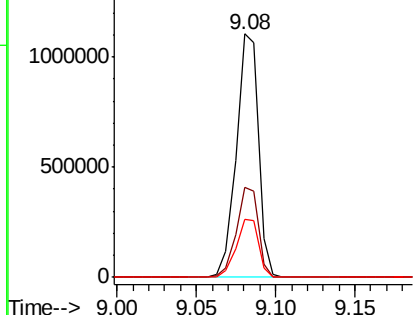
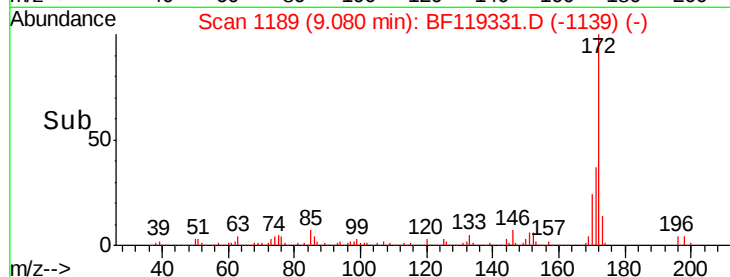
#45
2-Fluorobiphenyl
Concen: 86.961 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF119331.D
Acq: 11 Mar 2020 00:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1070176
Ion Ratio Lower Upper
172 100
171 36.9 30.6 45.8
170 24.0 20.2 30.2

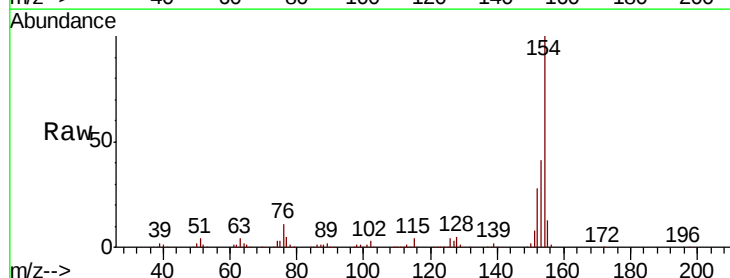


Abundance Ion 172.00 (171.70 to 172.70): E
1500000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

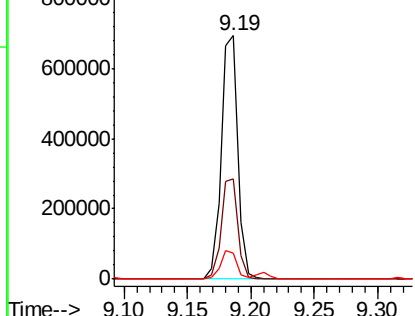
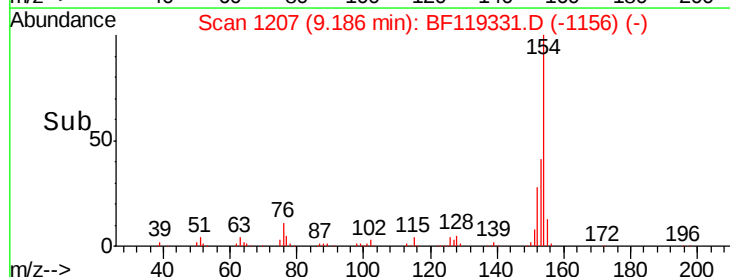


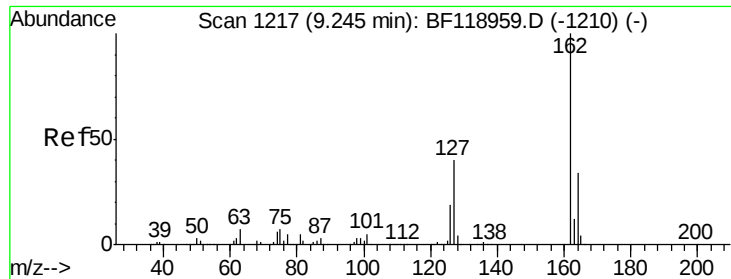
#46
1,1'-Biphenyl
Concen: 43.297 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF119331.D
Acq: 11 Mar 2020 00:20

Tgt Ion:154 Resp: 634409
Ion Ratio Lower Upper
154 100
153 41.3 22.8 62.8
76 10.8 0.0 32.2



Abundance Ion 154.00 (153.70 to 154.70): E
800000
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

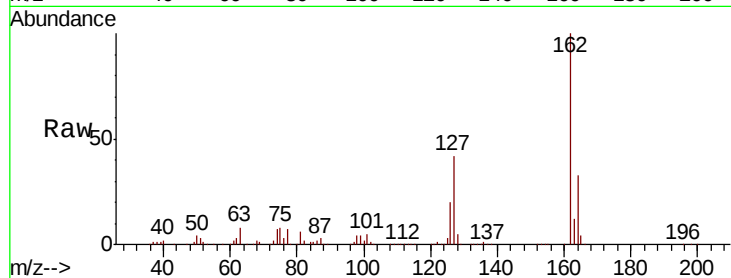




#47
 2-Chloronaphthalene
 Concen: 41.719 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF119331.D
 Acq: 11 Mar 2020 00:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.8	35.0	52.4
164	33.4	27.2	40.8

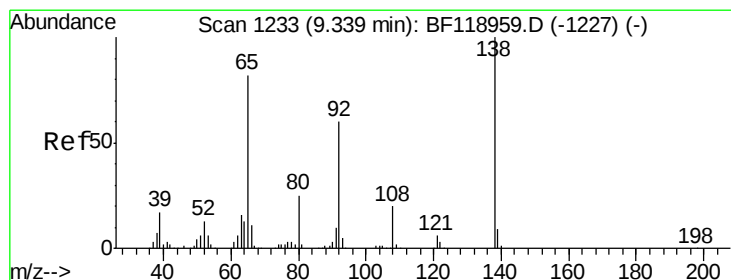
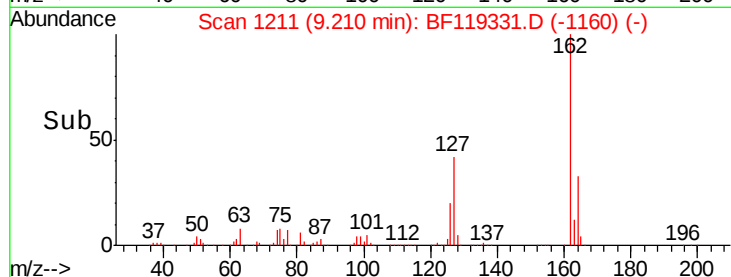
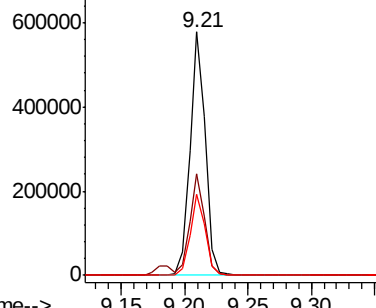


Abundance

Ion 162.00 (161.70 to 162.70): E

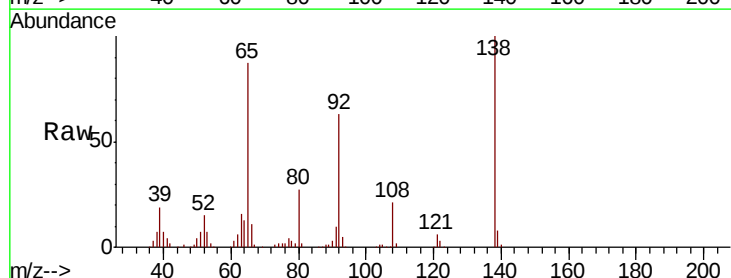
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 44.722 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF119331.D
 Acq: 11 Mar 2020 00:20

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.6	58.2	87.2
138	114.3	95.6	143.4

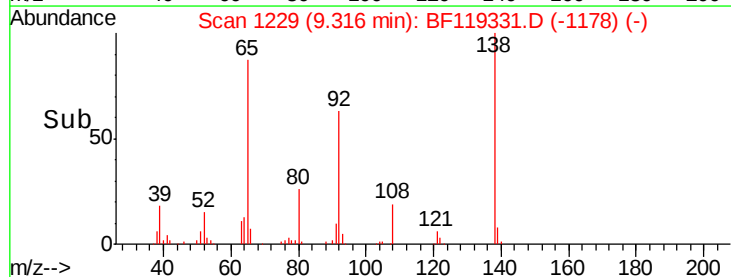
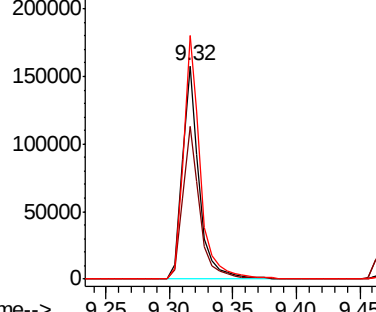


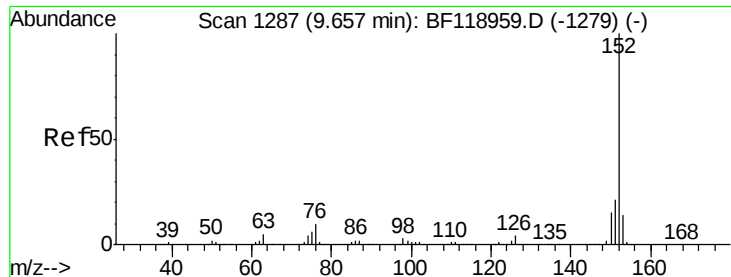
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.422 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF119331.D

Acq: 11 Mar 2020 00:20

Instrument :

BNA_F

ClientSampleId :

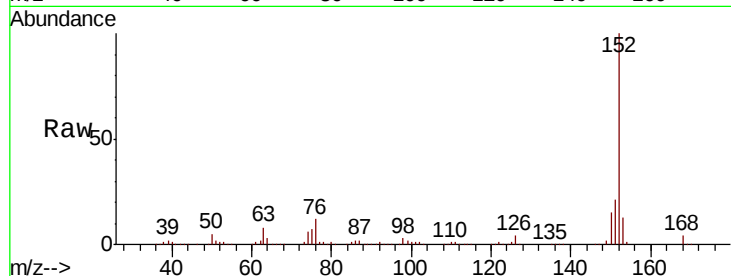
Tot Ion:152 Resp: 672288

Ion Ratio Lower Upper

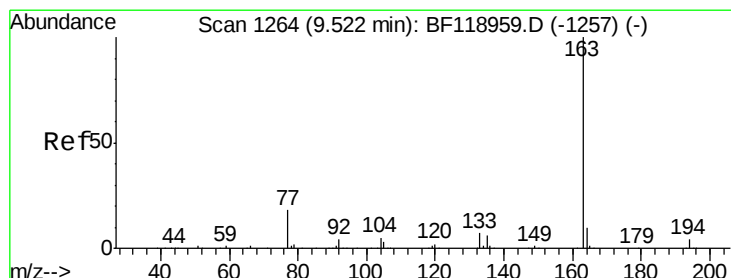
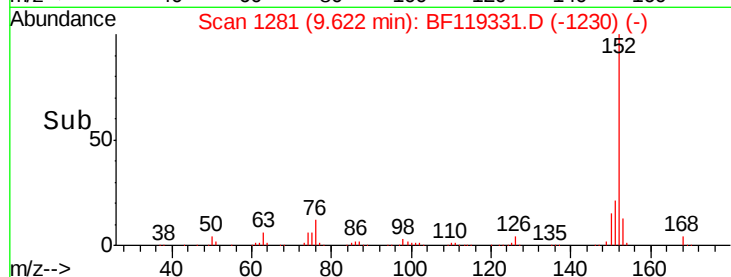
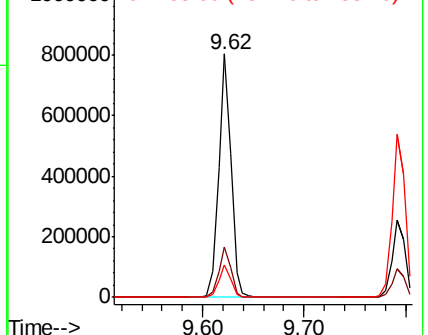
152 100

151 20.7 16.9 25.3

153 13.3 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.892 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF119331.D

Acq: 11 Mar 2020 00:20

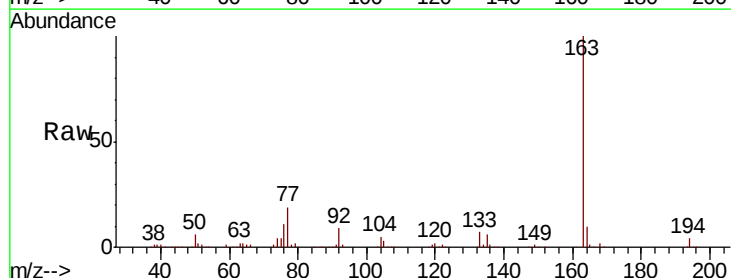
Tgt Ion:163 Resp: 594617

Ion Ratio Lower Upper

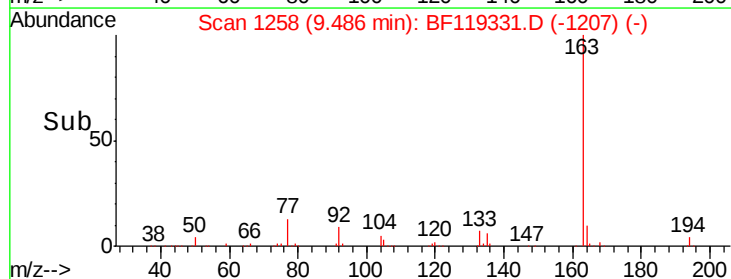
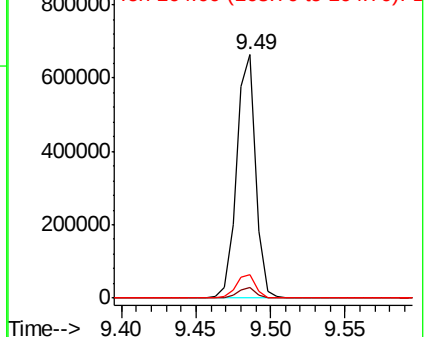
163 100

194 4.3 3.5 5.3

164 9.9 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: 36.239 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF119331.D

Acq: 11 Mar 2020 00:20

Instrument :

BNA_F

ClientSampleId :

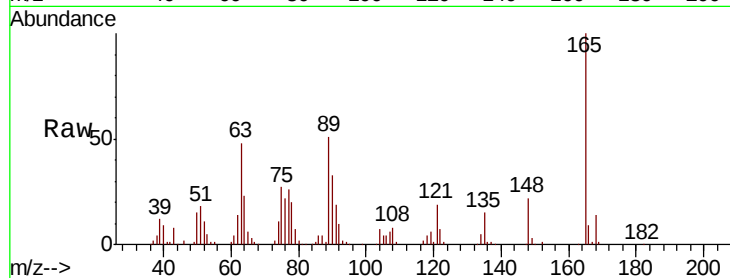
Tot Ion:165 Resp: 111618

Ion Ratio Lower Upper

165 100

63 48.1 34.3 51.5

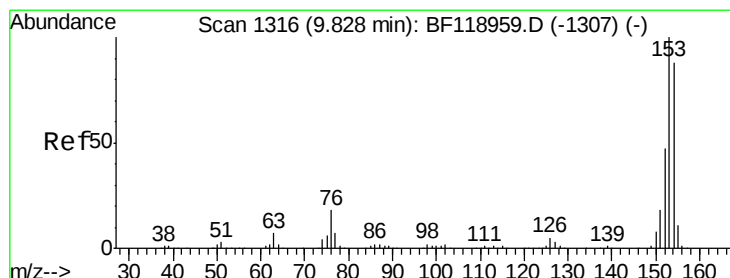
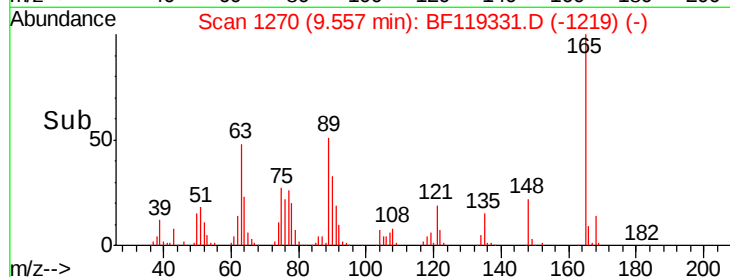
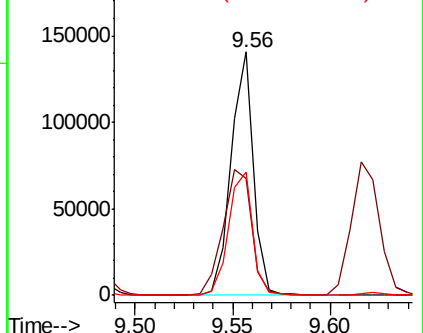
89 50.8 38.3 57.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.998 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF119331.D

Acq: 11 Mar 2020 00:20

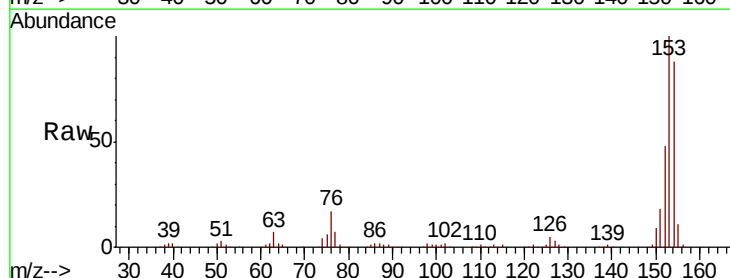
Tgt Ion:154 Resp: 411299

Ion Ratio Lower Upper

154 100

153 113.6 90.3 135.5

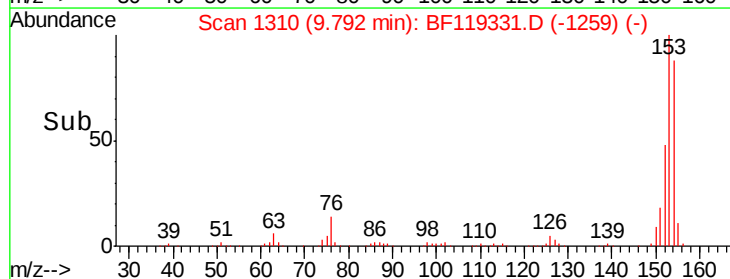
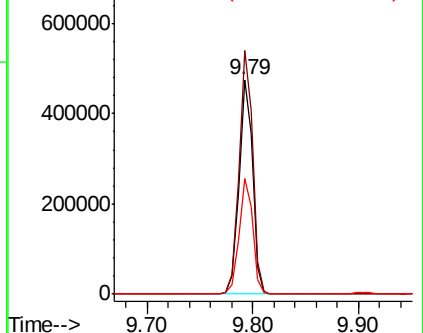
152 54.1 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

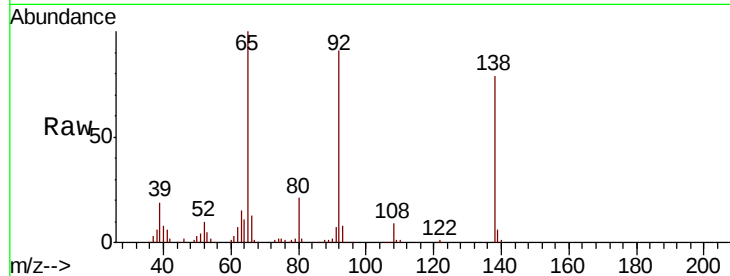




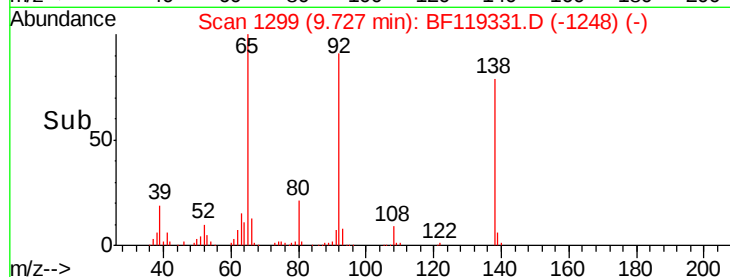
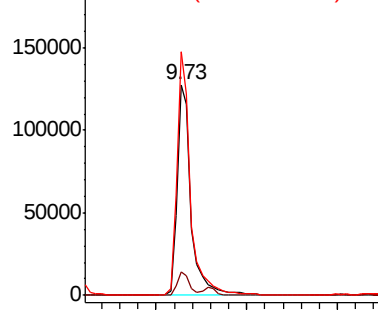
#53
3-Nitroaniline
Concen: 40.547 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF119331.D
Acq: 11 Mar 2020 00:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 138449
Ion Ratio Lower Upper
138 100
108 11.4 8.8 13.2
92 115.6 84.8 127.2

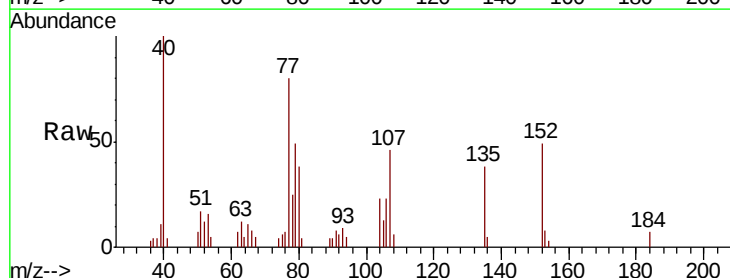


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

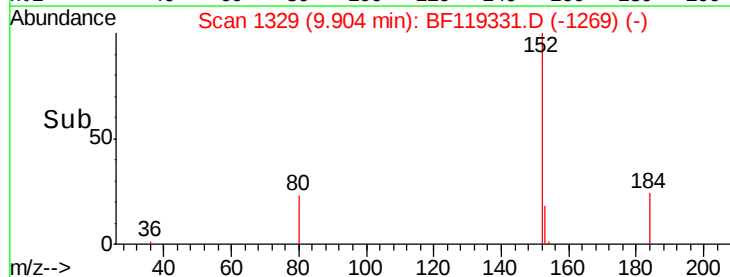
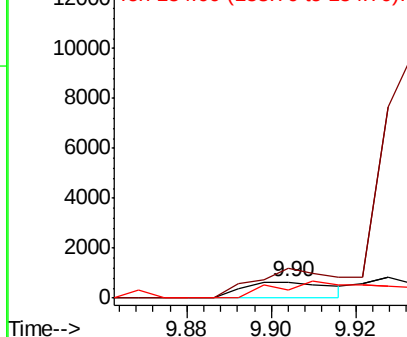


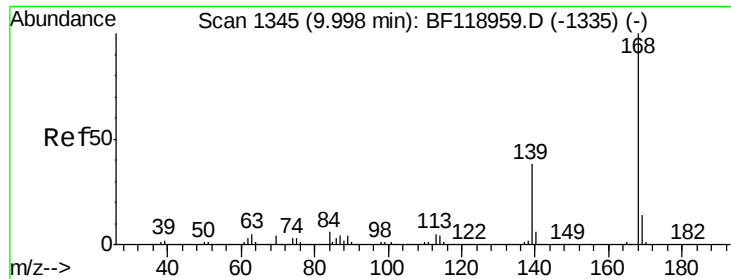
#54
2,4-Dinitrophenol
Concen: 8.052 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.05 min
Lab File: BF119331.D
Acq: 11 Mar 2020 00:20

Tgt Ion:184 Resp: 953
Ion Ratio Lower Upper
184 100
63 186.6 38.7 58.1#
154 53.0 49.7 74.5



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

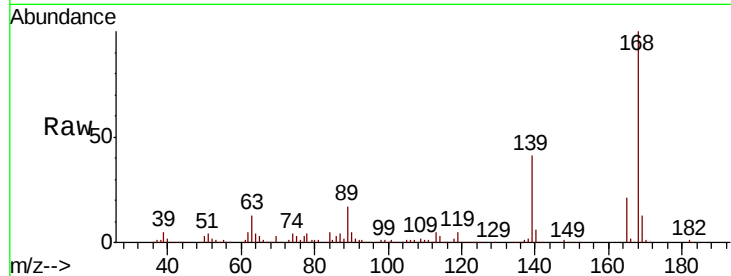




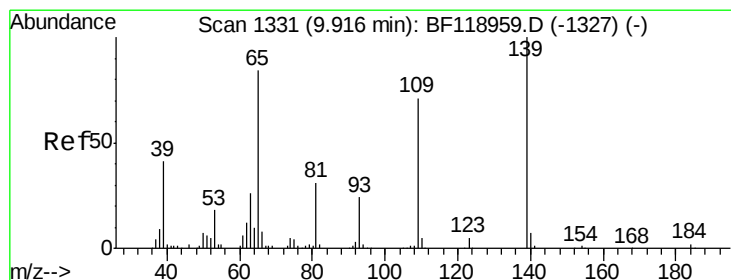
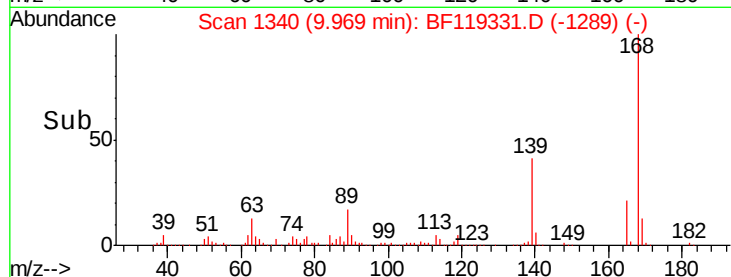
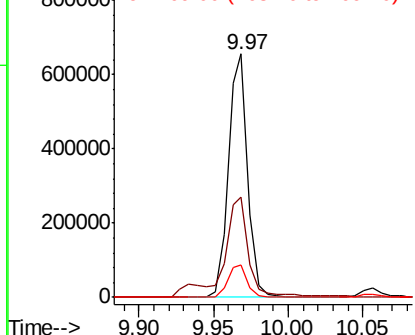
#55
Dibenzenofuran
Concen: 38.997 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119331.D
Acq: 11 Mar 2020 00:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 598546
Ion Ratio Lower Upper
168 100
139 41.1 34.0 51.0
169 13.3 11.0 16.4

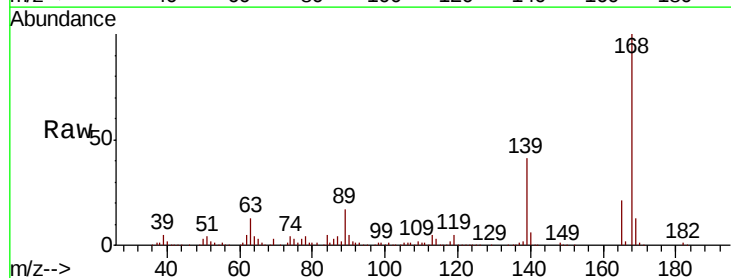


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

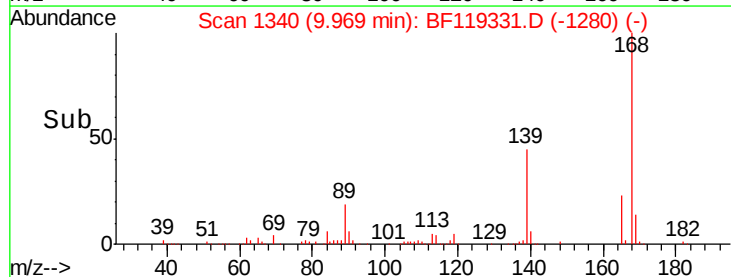
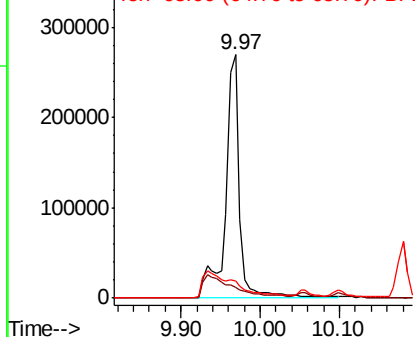


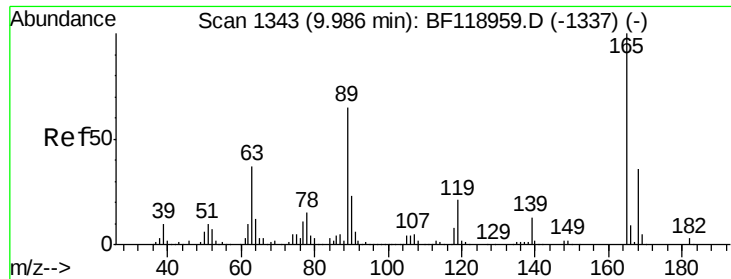
#56
4-Nitrophenol
Concen: 162.514 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.05 min
Lab File: BF119331.D
Acq: 11 Mar 2020 00:20

Tgt Ion:139 Resp: 333403
Ion Ratio Lower Upper
139 100
109 4.6 56.7 96.7#
65 7.1 65.0 105.0#



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

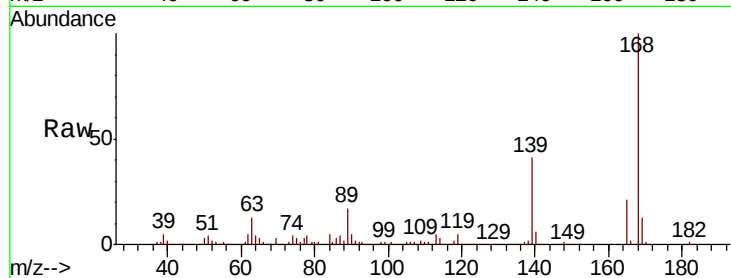




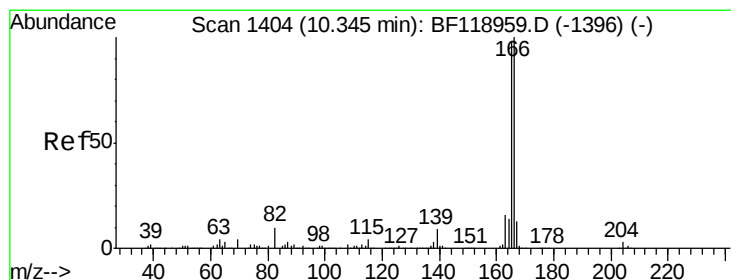
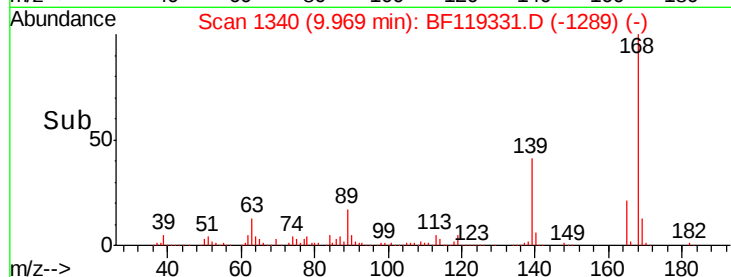
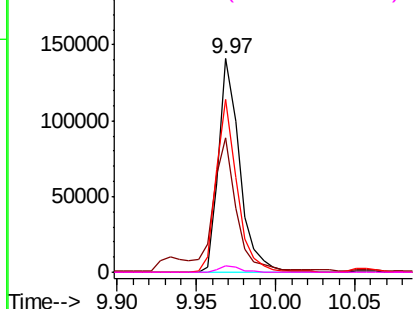
#57
2,4-Dinitrotoluene
Concen: 32.549 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119331.D
Acq: 11 Mar 2020 00:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	62.7	42.3	63.5
89	80.9	60.2	90.4
182	3.2	2.3	3.5

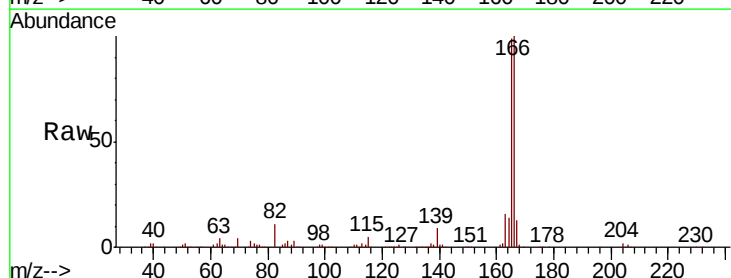


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

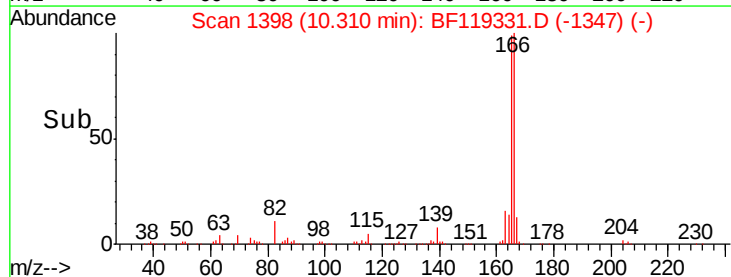
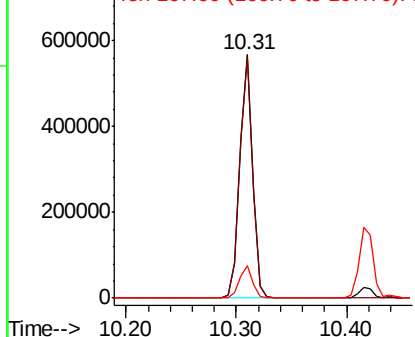


#58
Fluorene
Concen: 38.991 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF119331.D
Acq: 11 Mar 2020 00:20

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.5	117.7
167	13.4	11.0	16.4



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

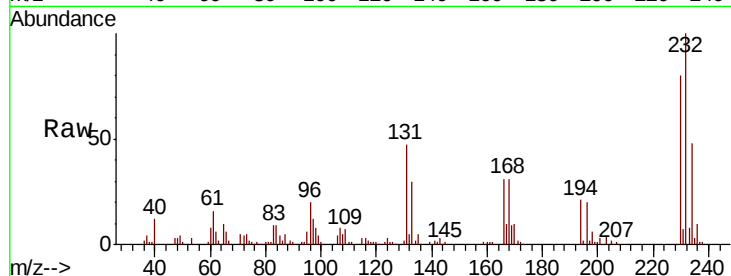




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 33.087 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BF119331.D
 Acq: 11 Mar 2020 00:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.8	33.8	50.8
130	2.0	1.8	2.6
166	27.3	23.0	34.4



Abundance

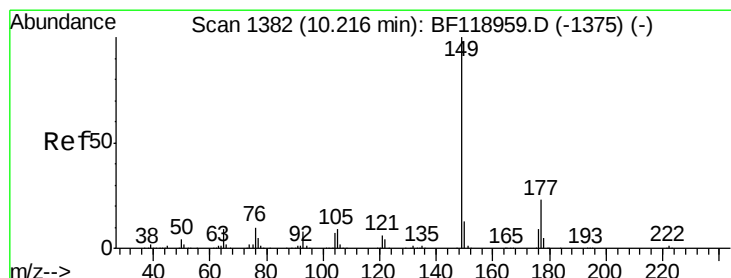
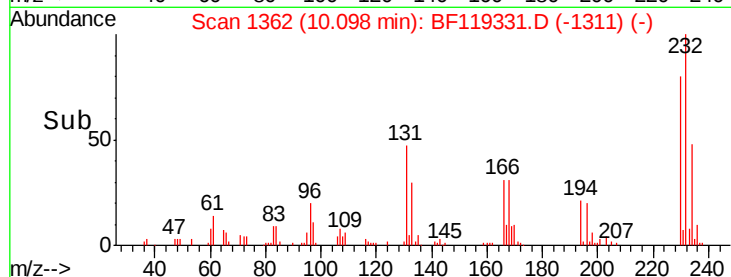
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

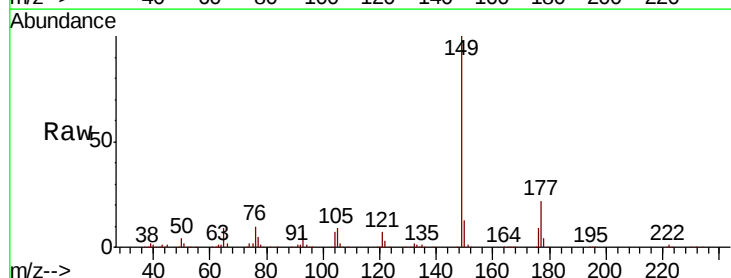
Ion 166.00 (165.70 to 166.70): E

Time-->



#60
 Diethylphthalate
 Concen: 43.415 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: BF119331.D
 Acq: 11 Mar 2020 00:20

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	18.2	27.2
150	12.8	10.5	15.7



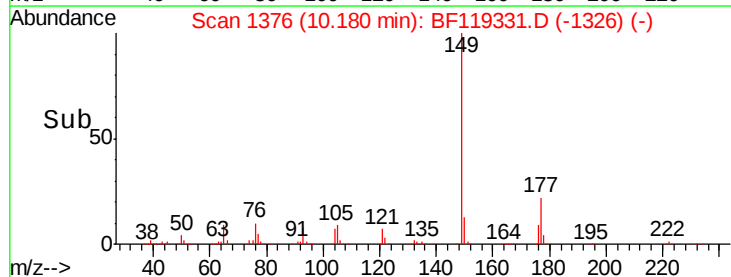
Abundance

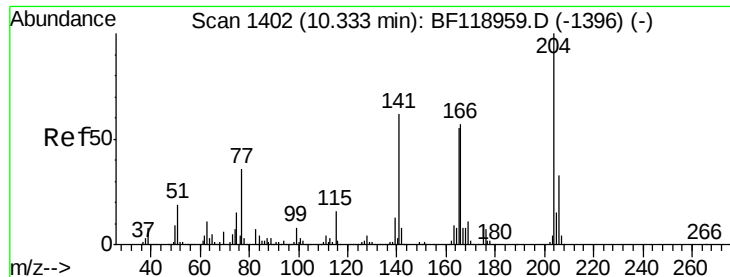
Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

Time-->





#61

4-Chlorophenyl-phenylether

Concen: 41.344 ng

RT: 10.30 min Scan# 1396

Delta R.T. 0.00 min

Lab File: BF119331.D

Acq: 11 Mar 2020 00:20

Instrument :

BNA_F

ClientSampleId :

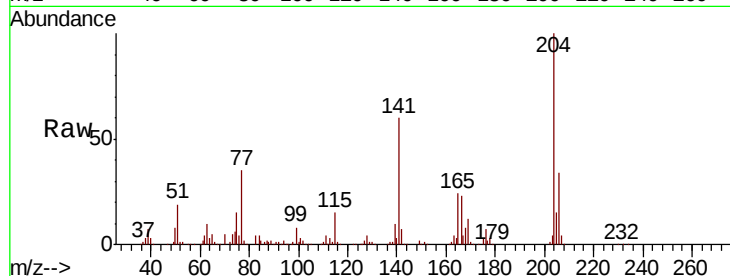
Tot Ion:204 Resp: 261002

Ion Ratio Lower Upper

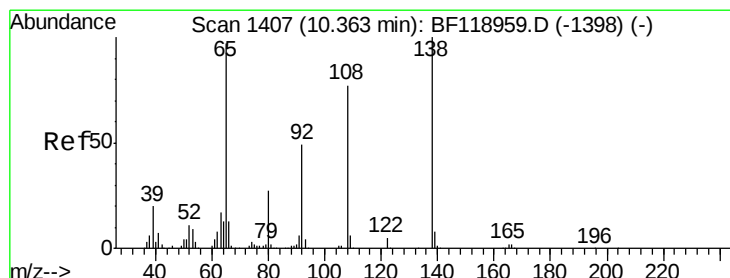
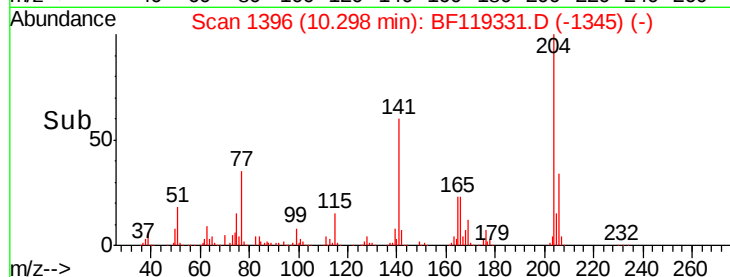
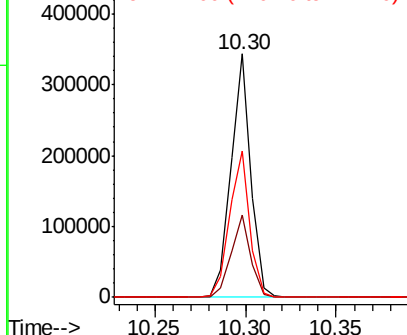
204 100

206 33.7 27.1 40.7

141 60.3 52.9 79.3



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: 37.128 ng

RT: 10.35 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BF119331.D

Acq: 11 Mar 2020 00:20

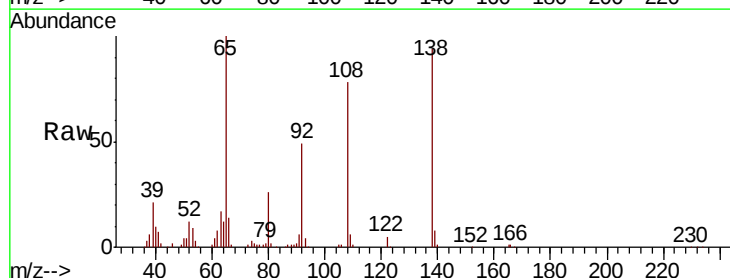
Tgt Ion:138 Resp: 129706

Ion Ratio Lower Upper

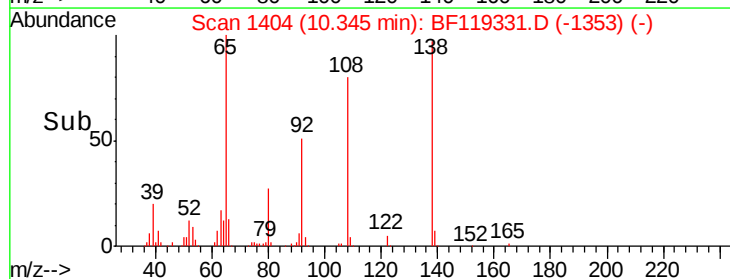
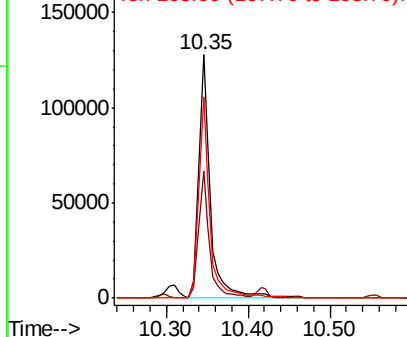
138 100

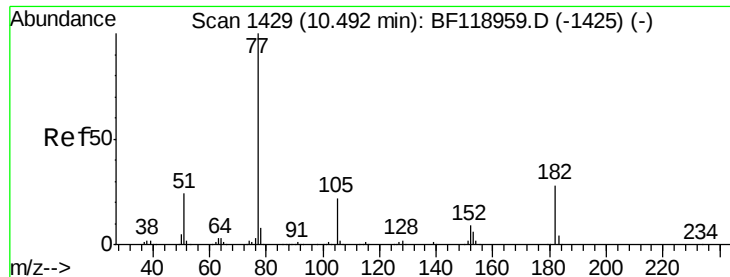
92 52.0 27.3 67.3

108 82.6 57.0 97.0



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

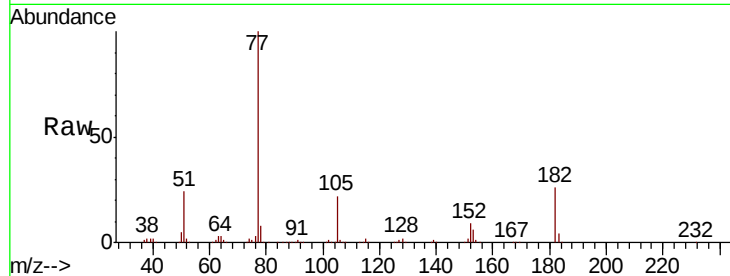




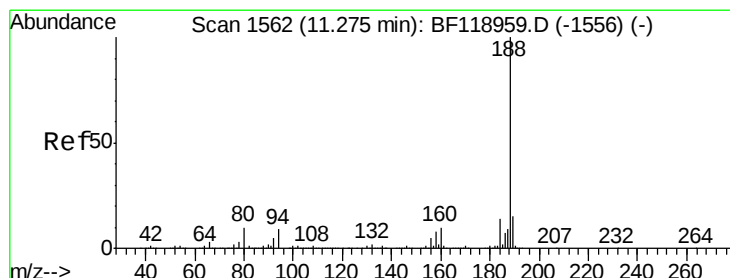
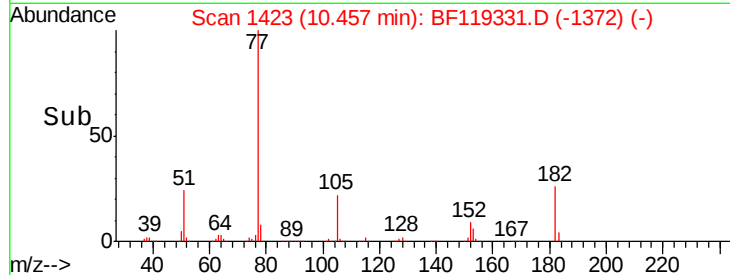
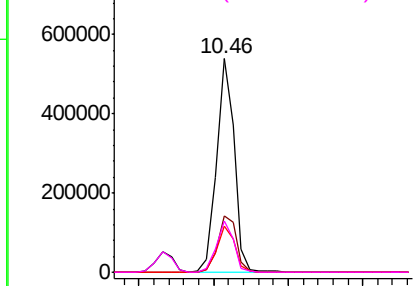
#63
Azobenzene
Concen: 39.090 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF119331.D
Acq: 11 Mar 2020 00:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	443902
Ion	Ratio	Lower	Upper
77	100		
182	26.4	11.4	51.4
105	21.6	3.4	43.4
51	24.3	5.1	45.1

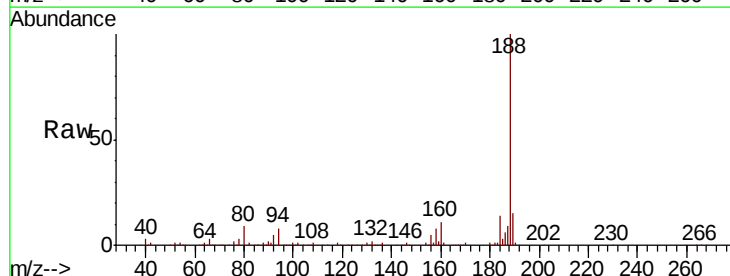


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

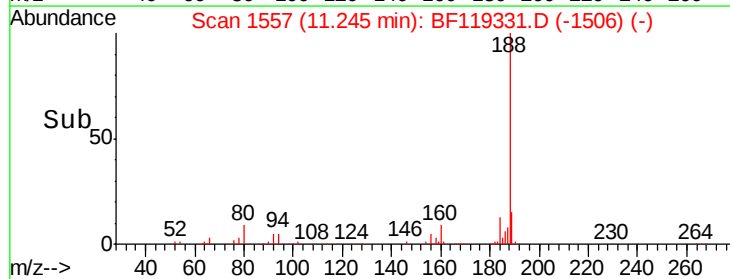
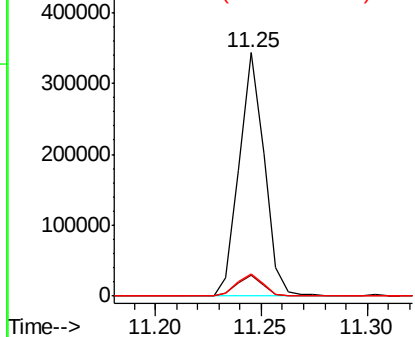


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119331.D
Acq: 11 Mar 2020 00:20

Tgt Ion:	188	Resp:	281941
Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.1	10.7
80	9.2	7.8	11.8



Abundance Ion 188.00 (187.70 to 188.70): E
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: 2.916 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.02 min

Lab File: BF119331.D

Acq: 11 Mar 2020 00:20

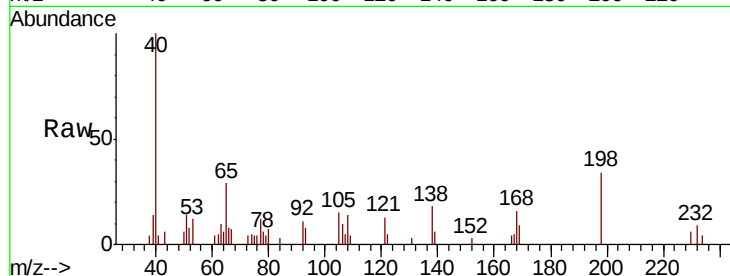
Instrument :

BNA_F

ClientSampled :

Tot Ion:198 Resp: 4975

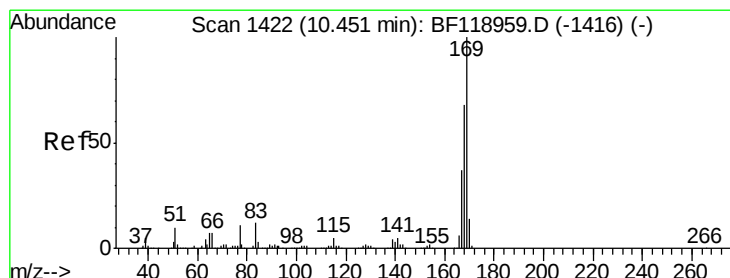
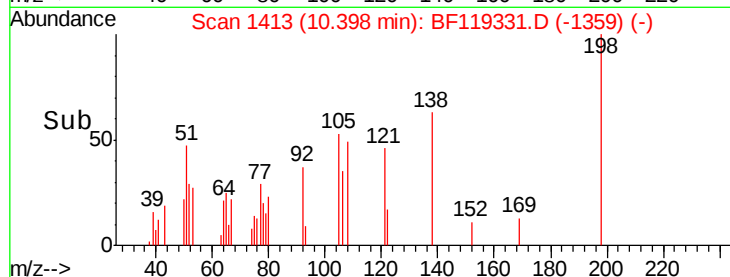
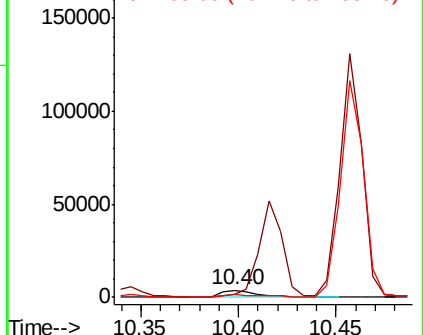
Ion	Ratio	Lower	Upper
198	100		
51	40.5	14.2	54.2
105	45.3	22.7	62.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.612 ng

RT: 10.42 min Scan# 1416

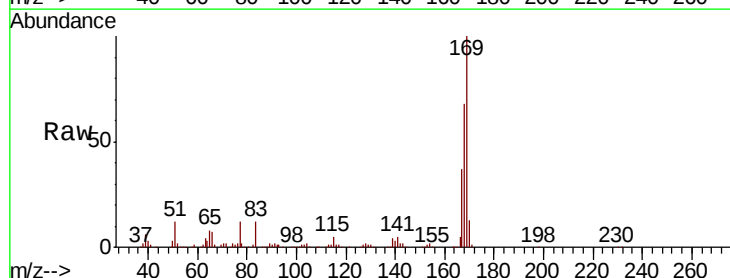
Delta R.T. -0.01 min

Lab File: BF119331.D

Acq: 11 Mar 2020 00:20

Tgt Ion:169 Resp: 411852

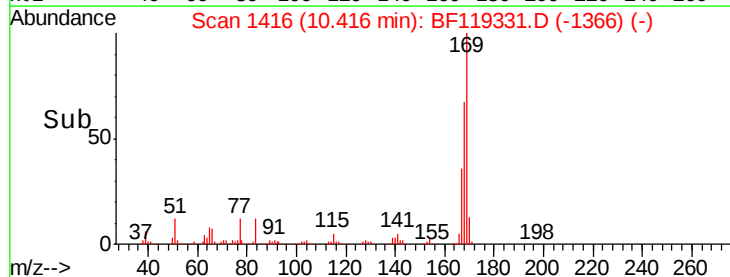
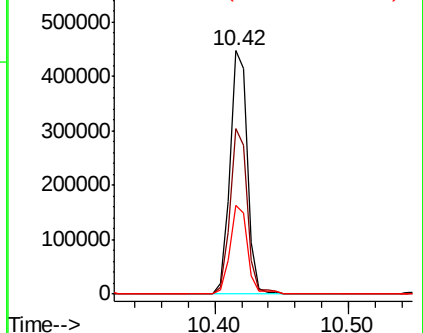
Ion	Ratio	Lower	Upper
169	100		
168	67.8	54.1	81.1
167	36.6	29.4	44.0

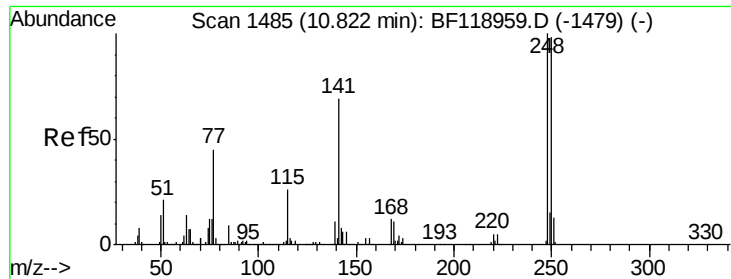


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

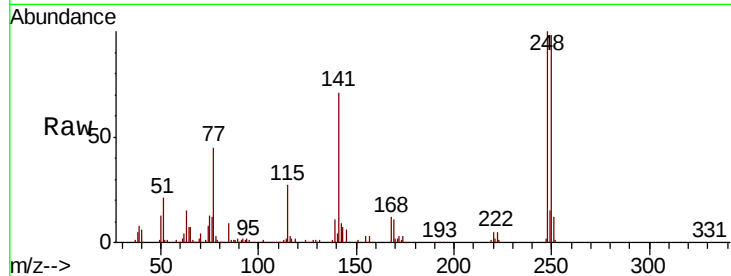




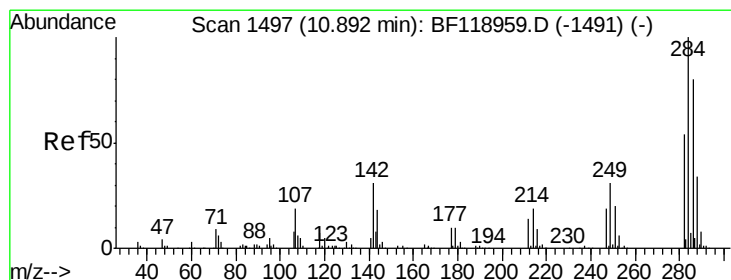
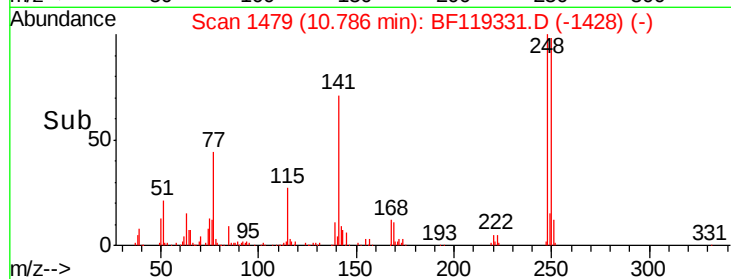
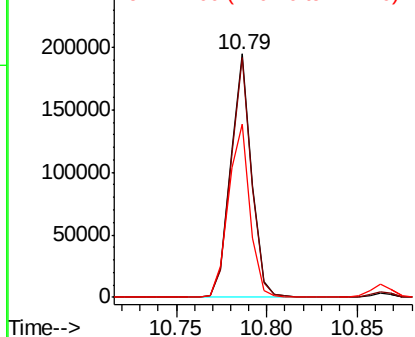
#67
4-Bromophenyl-phenylether
Concen: 42.584 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF119331.D
Acq: 11 Mar 2020 00:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 156936
Ion Ratio Lower Upper
248 100
250 98.3 76.7 115.1
141 71.2 60.7 91.1

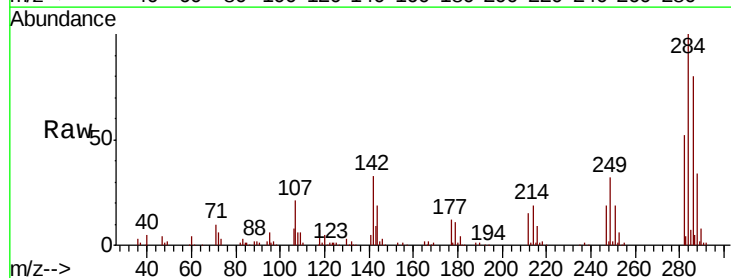


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

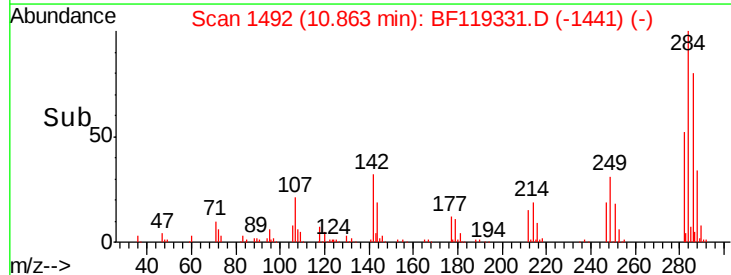
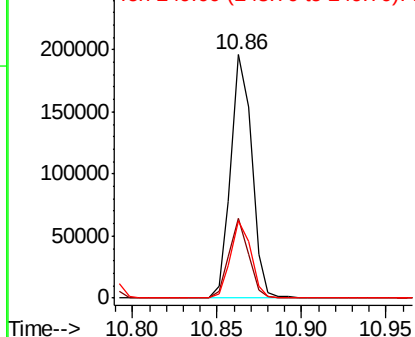


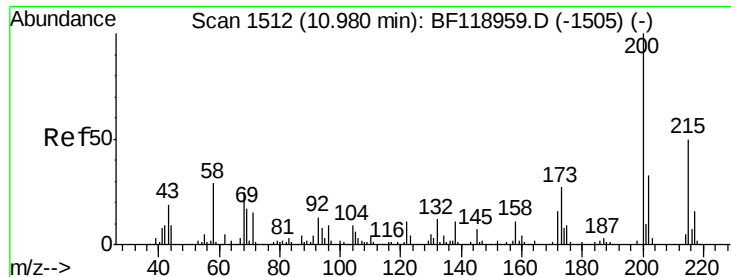
#68
Hexachlorobenzene
Concen: 40.100 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF119331.D
Acq: 11 Mar 2020 00:20

Tgt Ion:284 Resp: 170383
Ion Ratio Lower Upper
284 100
142 32.9 23.7 35.5
249 31.9 25.0 37.6



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

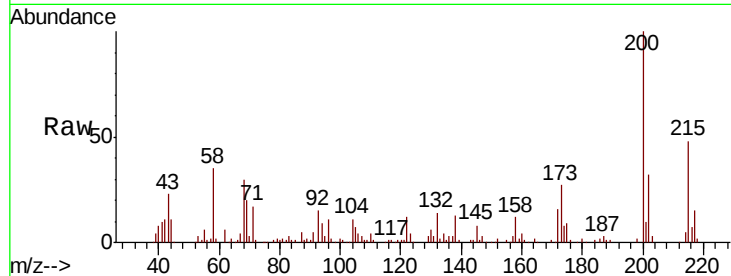




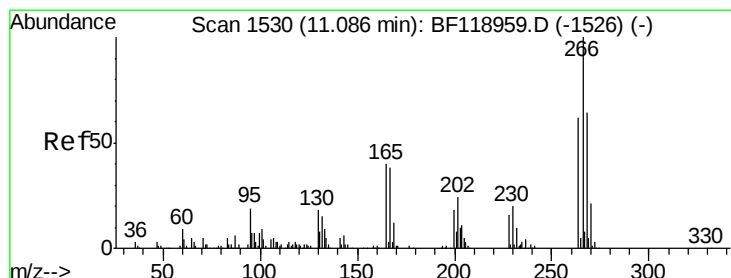
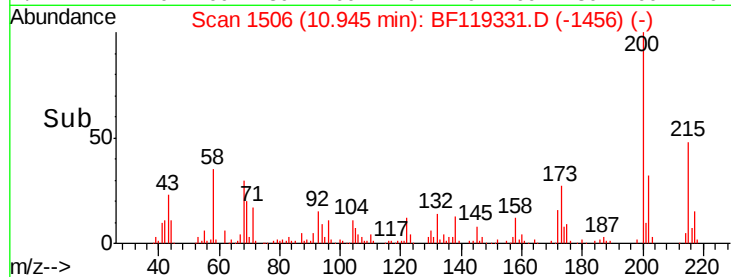
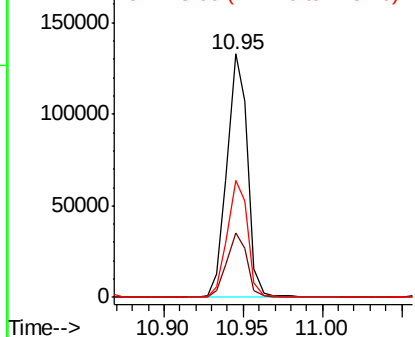
#69
 Atrazine
 Concen: 37.141 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF119331.D
 Acq: 11 Mar 2020 00:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.5	6.4	46.4
215	48.1	27.4	67.4

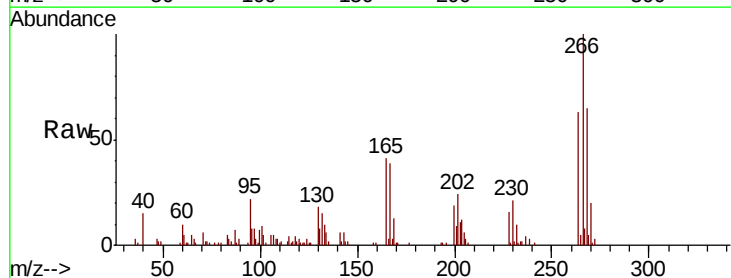


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

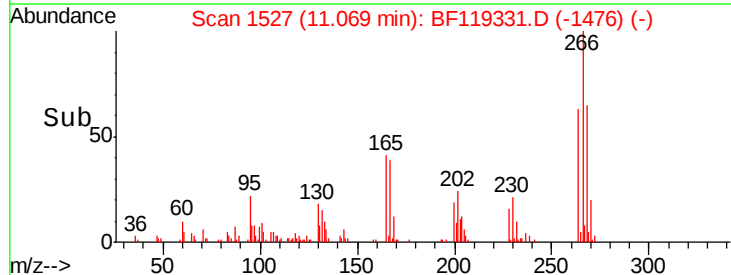
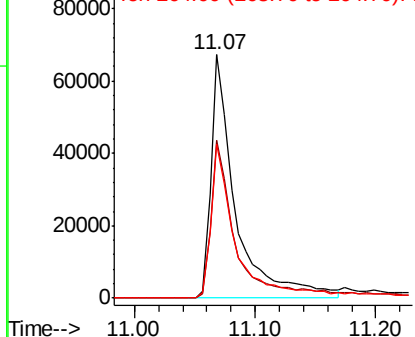


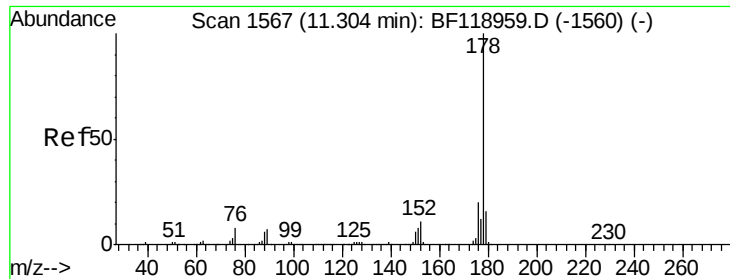
#70
 Pentachlorophenol
 Concen: 54.936 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. 0.00 min
 Lab File: BF119331.D
 Acq: 11 Mar 2020 00:20

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.8	51.9	77.9
264	63.1	51.0	76.4



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.401 ng

RT: 11.27 min Scan# 1561

Delta R.T. 0.00 min

Lab File: BF119331.D

Acq: 11 Mar 2020 00:20

Instrument :

BNA_F

ClientSampled :

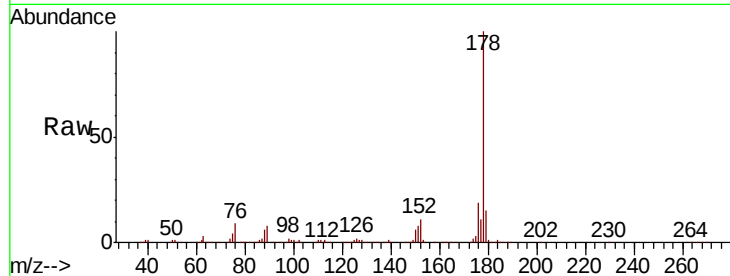
Tot Ion:178 Resp: 621186

Ion Ratio Lower Upper

178 100

176 19.4 16.5 24.7

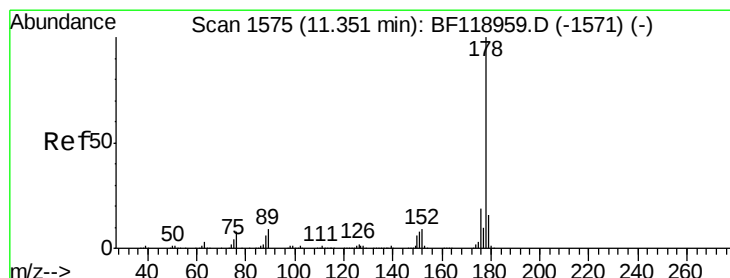
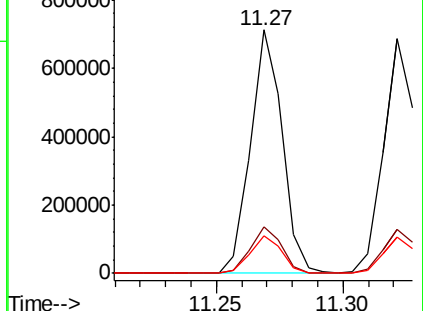
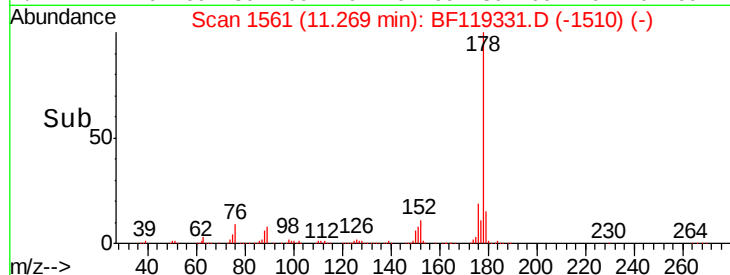
179 15.5 13.0 19.6



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: 40.407 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF119331.D

Acq: 11 Mar 2020 00:20

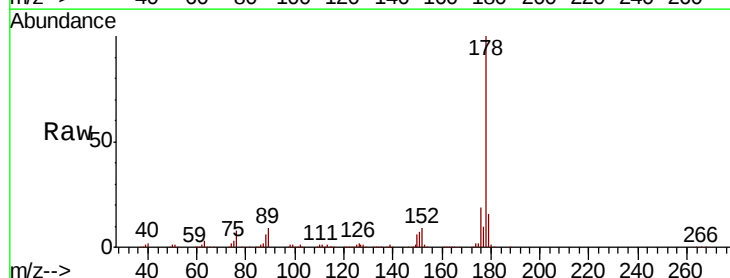
Tgt Ion:178 Resp: 620772

Ion Ratio Lower Upper

178 100

176 18.7 16.0 24.0

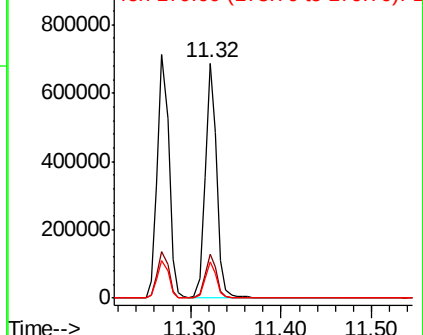
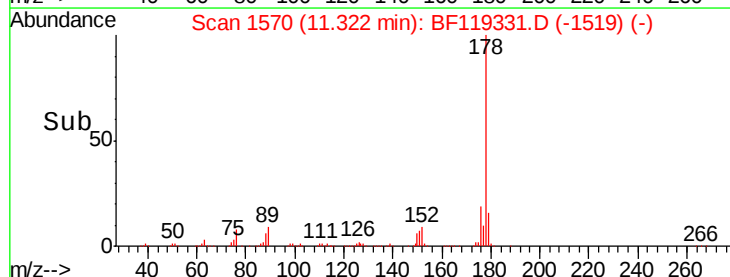
179 15.6 13.1 19.7

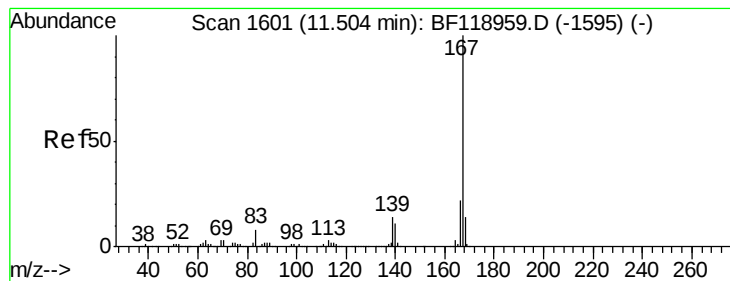


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 40.170 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.00 min

Lab File: BF119331.D

Acq: 11 Mar 2020 00:20

Instrument :

BNA_F

ClientSampleId :

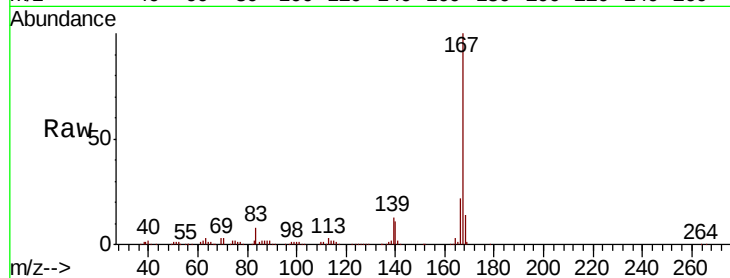
Tot Ion:167 Resp: 549777

Ion Ratio Lower Upper

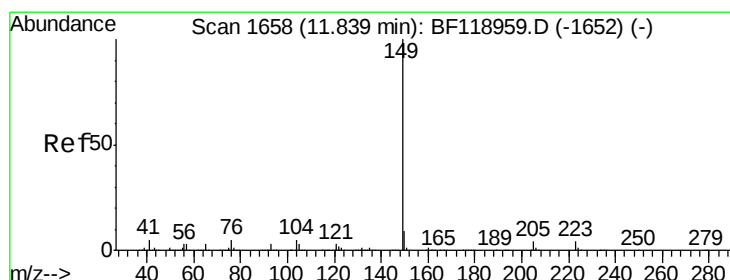
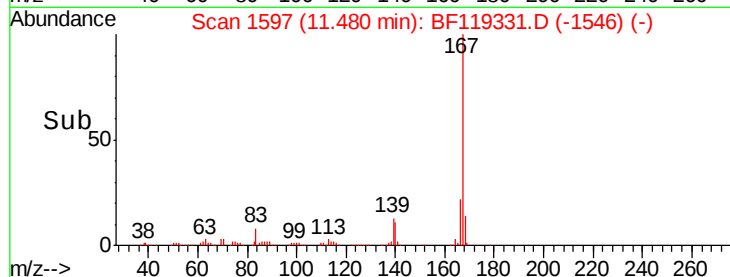
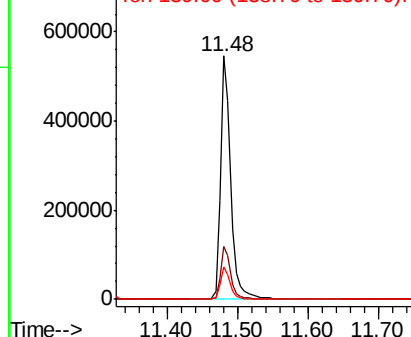
167 100

166 21.8 18.2 27.4

139 13.5 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 47.161 ng

RT: 11.80 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BF119331.D

Acq: 11 Mar 2020 00:20

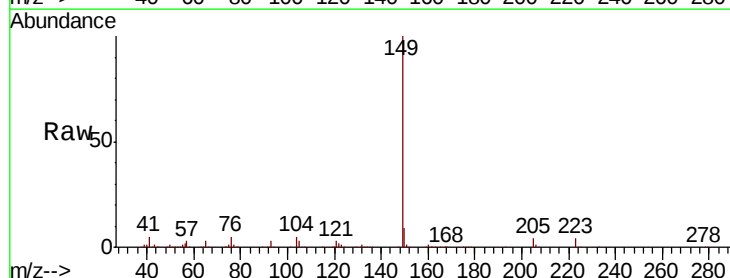
Tgt Ion:149 Resp: 781669

Ion Ratio Lower Upper

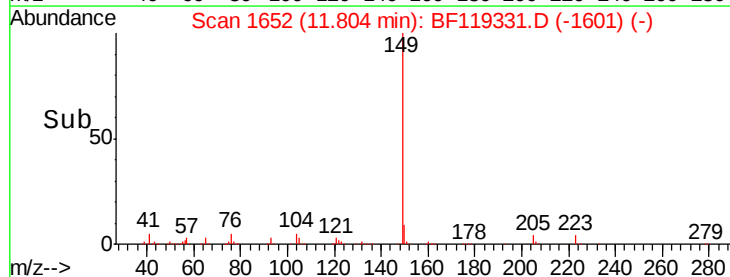
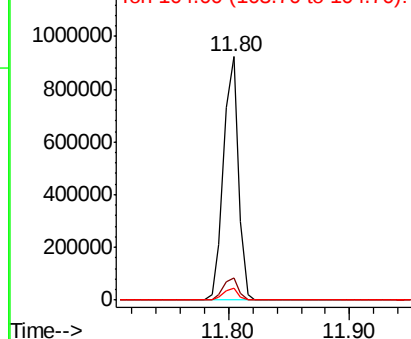
149 100

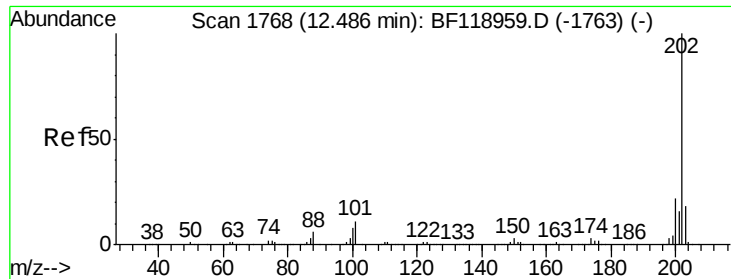
150 9.3 7.9 11.9

104 4.9 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

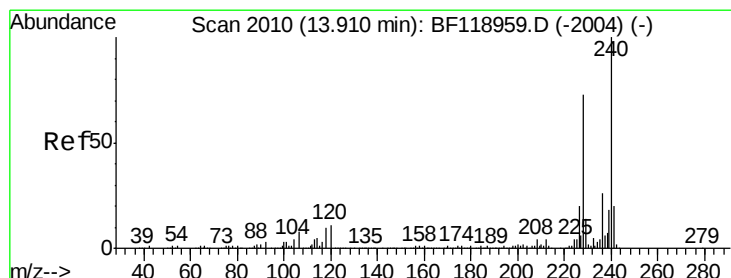
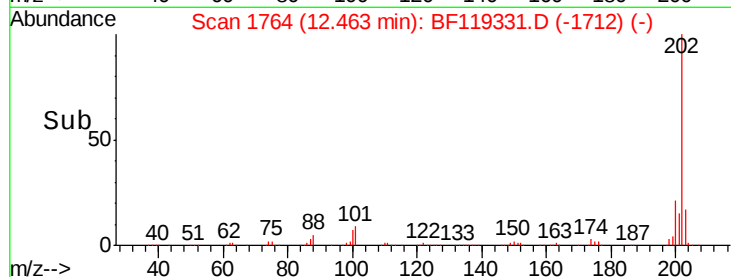
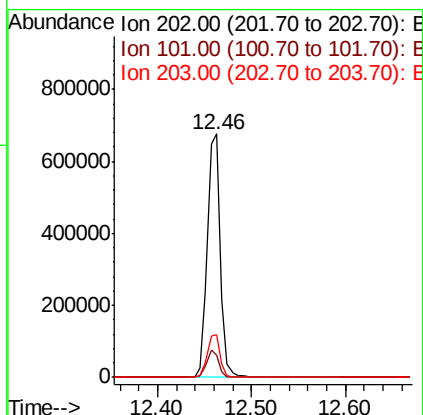
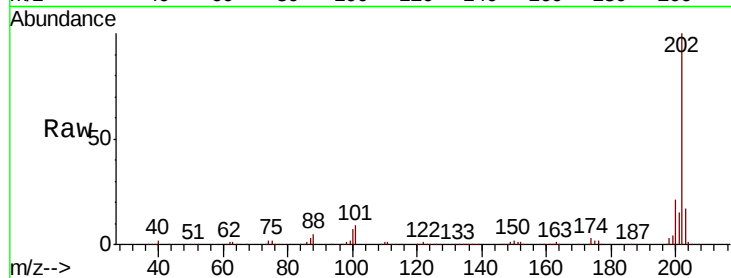




#75
Fluoranthene
Concen: 40.422 ng
RT: 12.46 min Scan# 1764
Delta R.T. 0.01 min
Lab File: BF119331.D
Acq: 11 Mar 2020 00:20

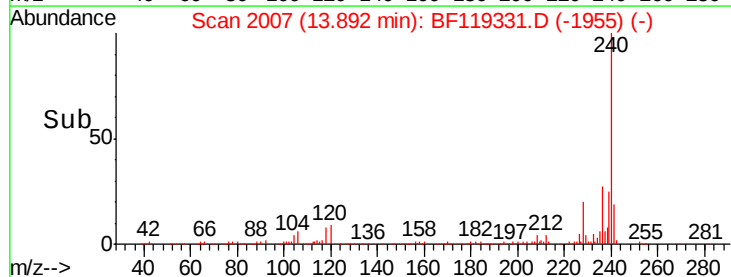
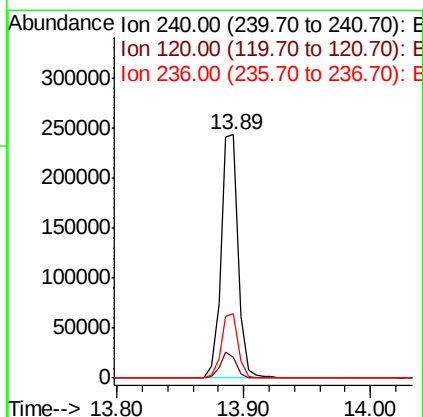
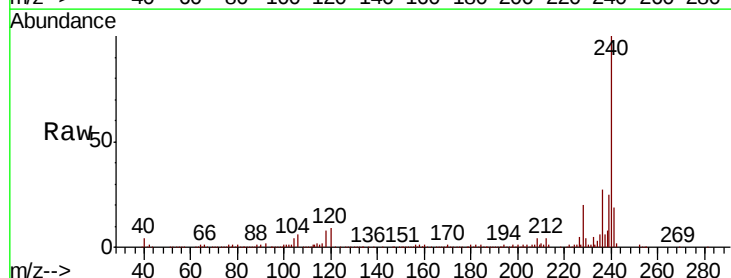
Instrument :
BNA_F
ClientSampled :

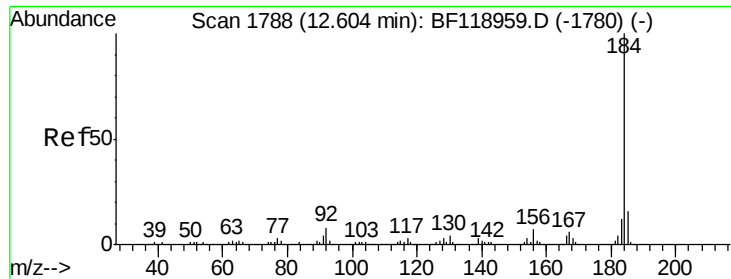
Tot Ion:202 Resp: 659714
Ion Ratio Lower Upper
202 100
101 9.3 0.0 30.3
203 17.5 0.0 38.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BF119331.D
Acq: 11 Mar 2020 00:20

Tgt Ion:240 Resp: 229653
Ion Ratio Lower Upper
240 100
120 8.6 8.4 12.6
236 26.5 21.0 31.4

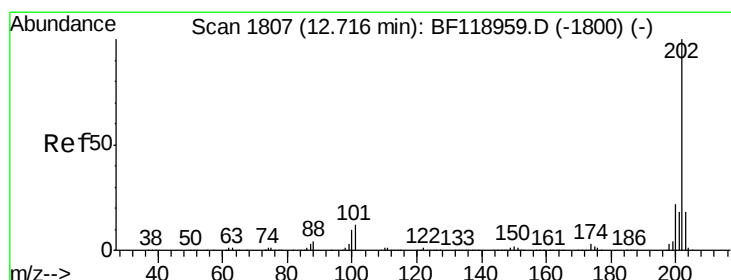
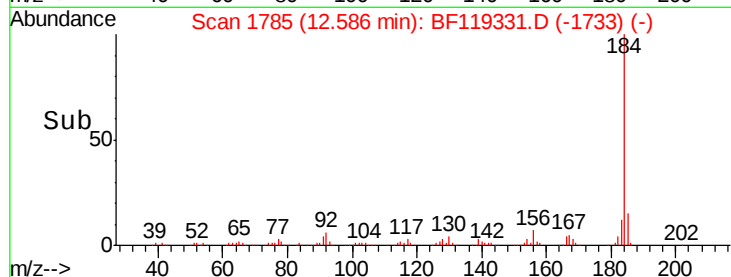
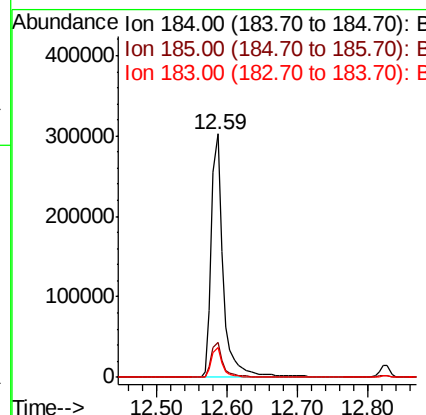
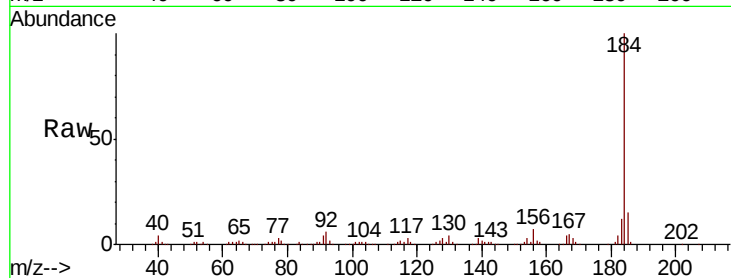




#77
Benzidine
Concen: 38.160 ng
RT: 12.59 min Scan# 1785
Delta R.T. 0.01 min
Lab File: BF119331.D
Acq: 11 Mar 2020 00:20

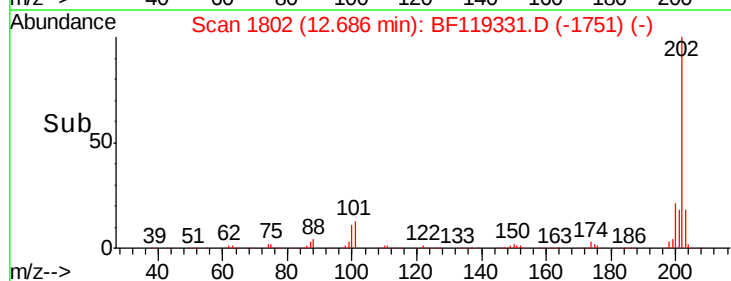
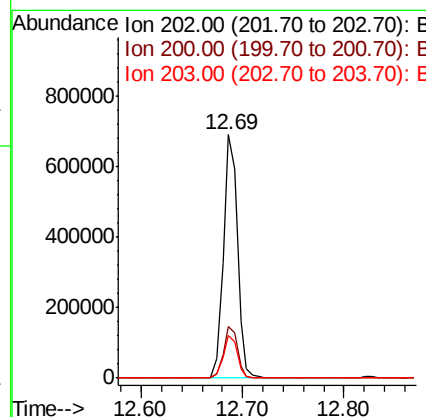
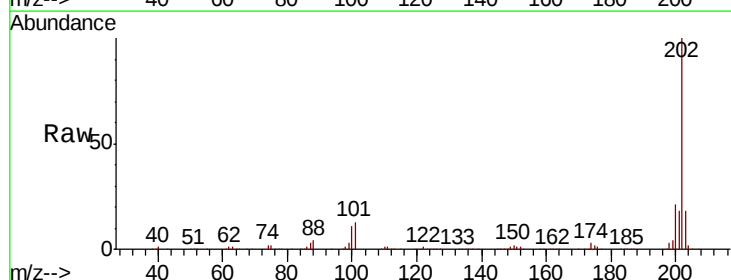
Instrument :
BNA_F
ClientSampleId :

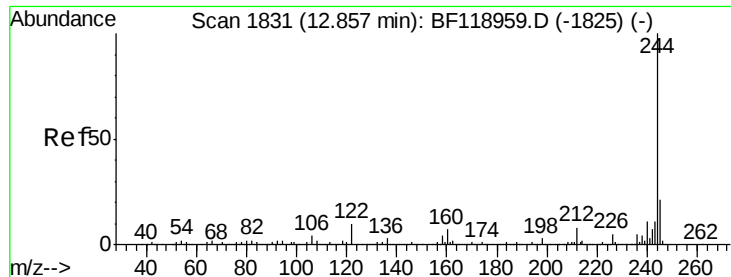
Tot Ion:184 Resp: 356411
Ion Ratio Lower Upper
184 100
185 14.6 12.2 18.4
183 12.2 9.9 14.9



#78
Pyrene
Concen: 36.008 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BF119331.D
Acq: 11 Mar 2020 00:20

Tgt Ion:202 Resp: 664019
Ion Ratio Lower Upper
202 100
200 21.1 18.0 27.0
203 17.7 14.6 22.0

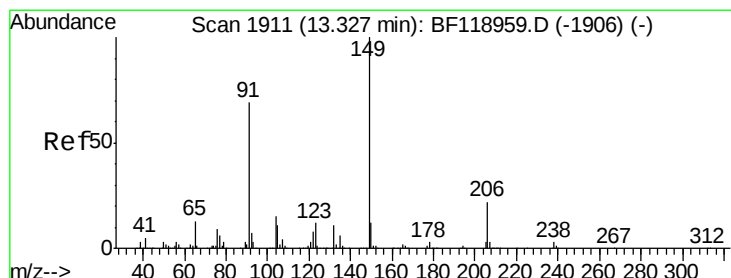
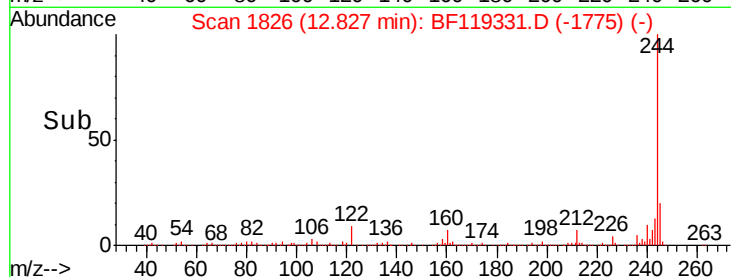
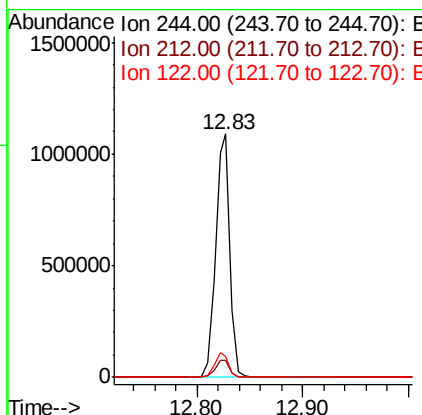
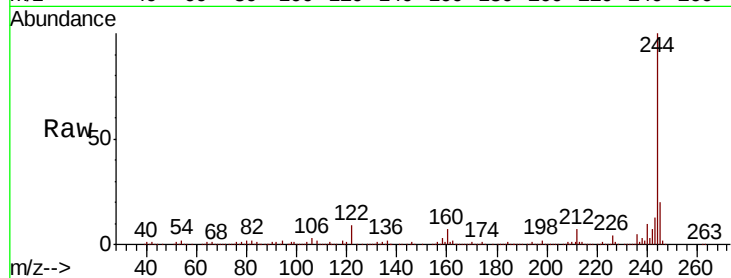




#79
 Terphenyl-d14
 Concen: 77.982 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF119331.D
 Acq: 11 Mar 2020 00:20

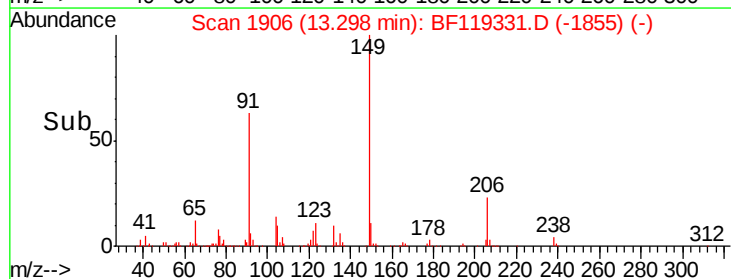
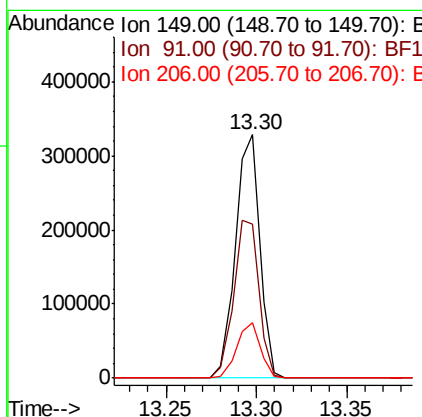
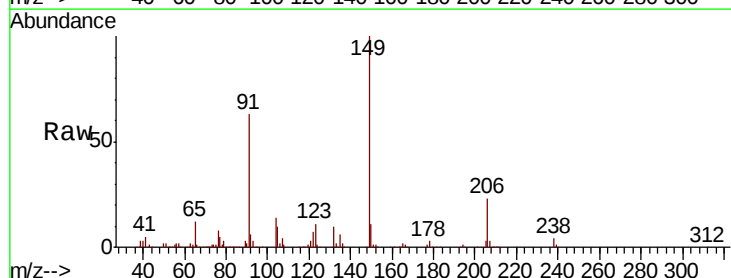
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1040203
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.6 10.0
 122 8.6 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 39.822 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BF119331.D
 Acq: 11 Mar 2020 00:20

Tgt Ion:149 Resp: 309069
 Ion Ratio Lower Upper
 149 100
 91 63.1 52.3 78.5
 206 23.0 18.5 27.7





#81

Benzo(a)anthracene

Concen: 40.721 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF119331.D

Acq: 11 Mar 2020 00:20

Instrument :

BNA_F

ClientSampled :

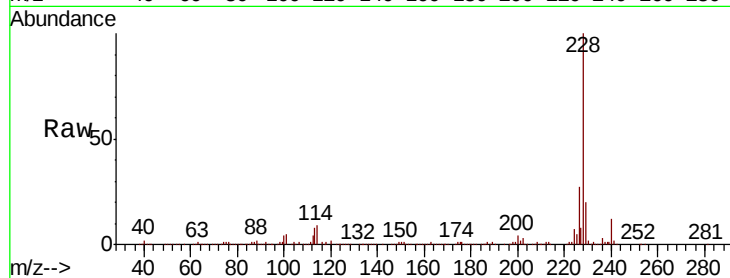
Tot Ion:228 Resp: 637186

Ion Ratio Lower Upper

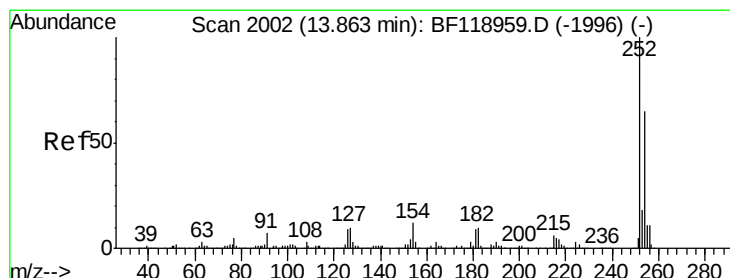
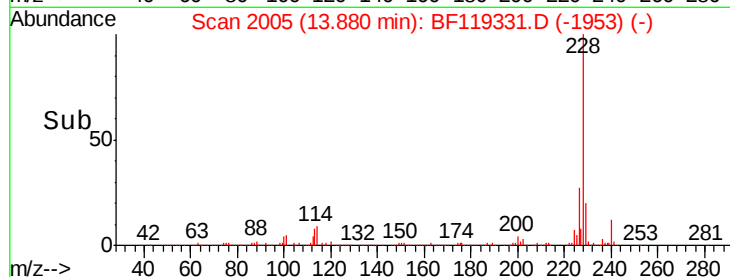
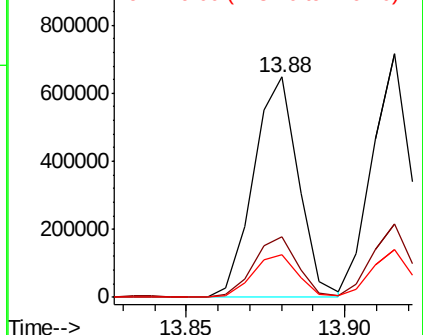
228 100

226 27.3 22.6 33.8

229 19.6 16.6 24.8



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



#82

3,3'-Dichlorobenzidine

Concen: 41.888 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF119331.D

Acq: 11 Mar 2020 00:20

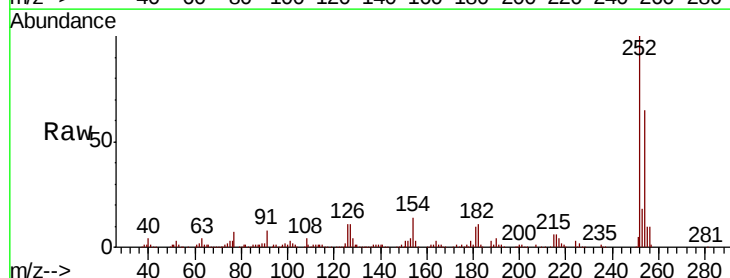
Tgt Ion:252 Resp: 254514

Ion Ratio Lower Upper

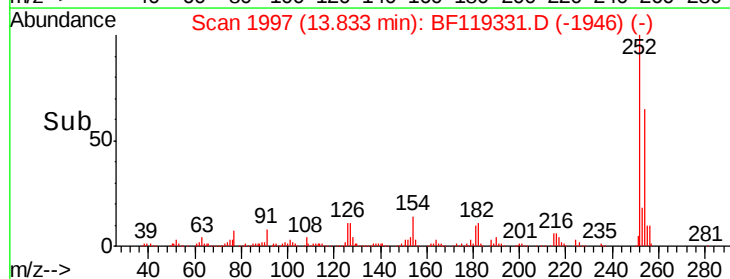
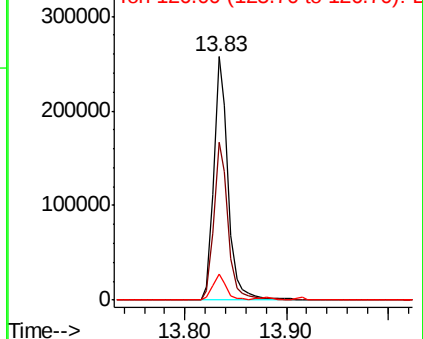
252 100

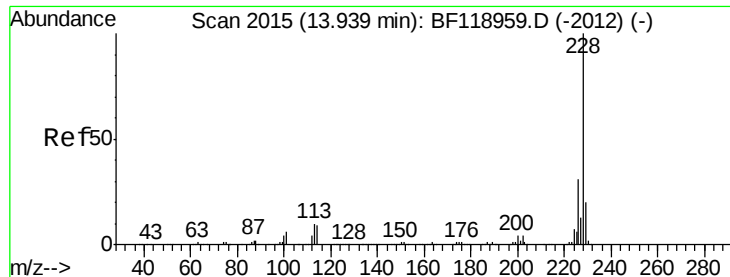
254 64.8 51.6 77.4

126 10.6 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

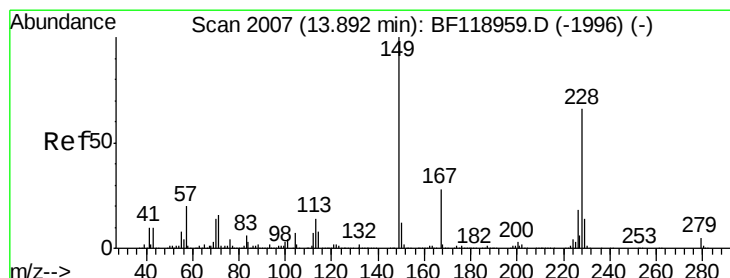
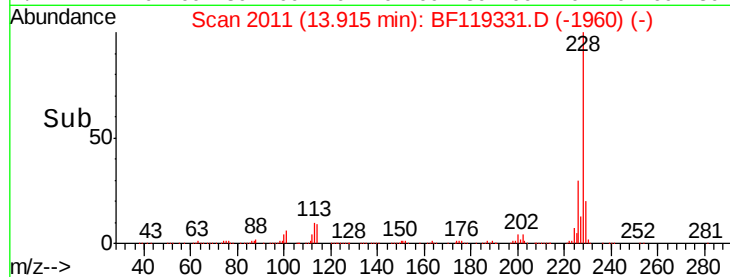
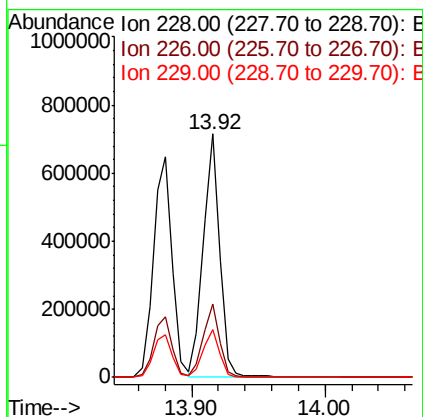
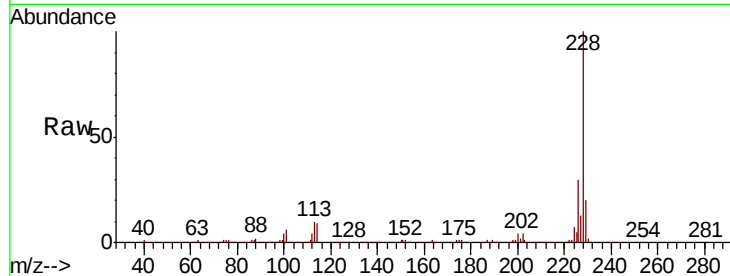




#83
 Chrvsene
 Concen: 39.289 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF119331.D
 Acq: 11 Mar 2020 00:20

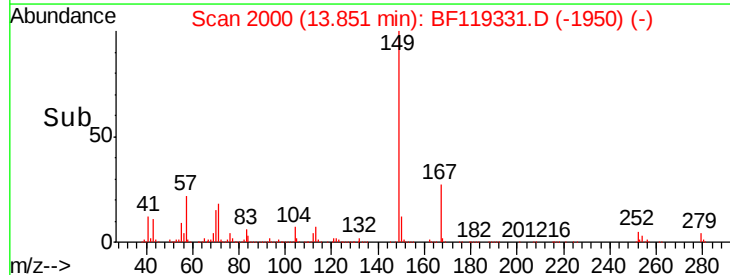
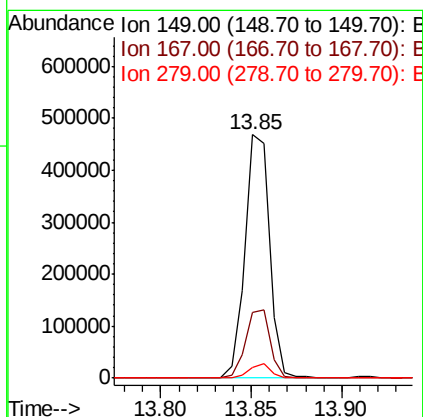
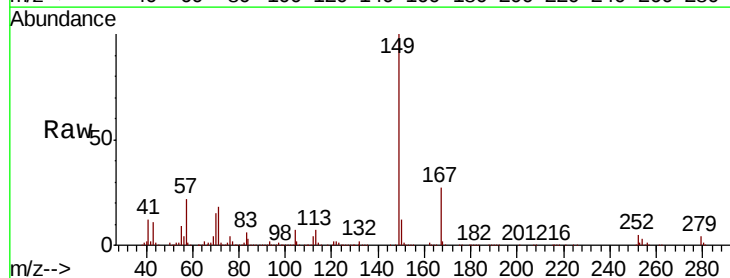
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:228 Resp: 612587
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.1 37.7
 229 19.8 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.026 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF119331.D
 Acq: 11 Mar 2020 00:20

Tgt Ion:149 Resp: 441487
 Ion Ratio Lower Upper
 149 100
 167 27.0 22.8 34.2
 279 4.4 4.6 6.8#





#85

Di-n-octyl phthalate

Concen: 48.125 ng

RT: 14.46 min Scan# 2104

Delta R.T. 0.00 min

Lab File: BF119331.D

Acq: 11 Mar 2020 00:20

Instrument :

BNA_F

ClientSampleId :

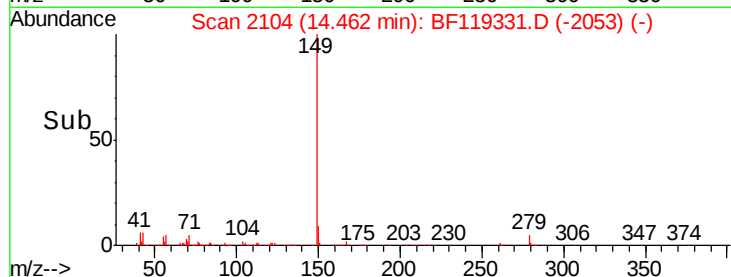
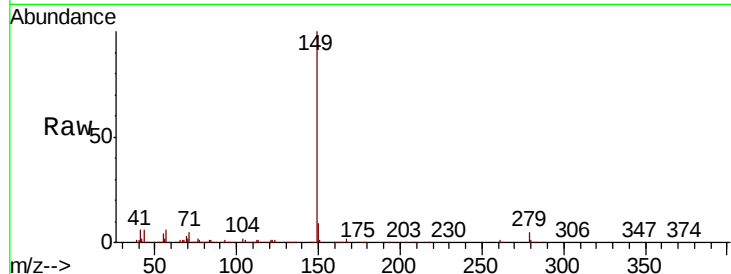
Tot Ion:149 Resp: 751843

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

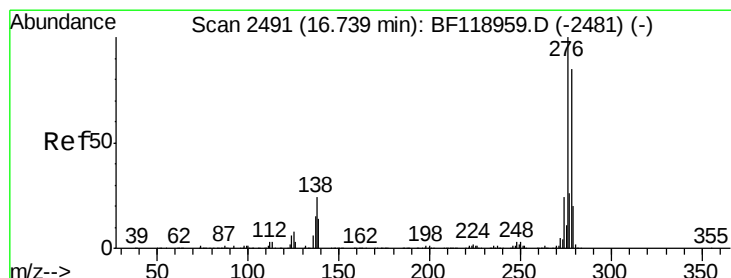
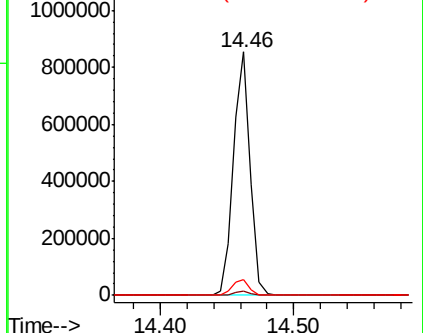
43 6.4 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 29.269 ng

RT: 16.73 min Scan# 2490

Delta R.T. 0.02 min

Lab File: BF119331.D

Acq: 11 Mar 2020 00:20

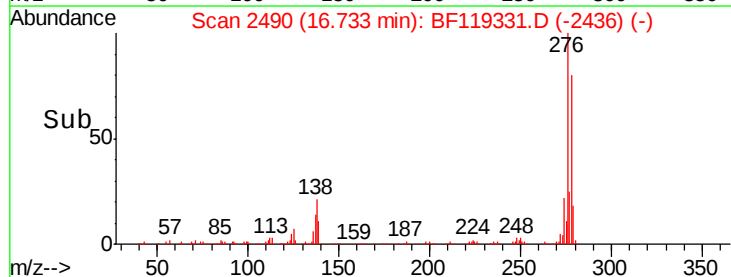
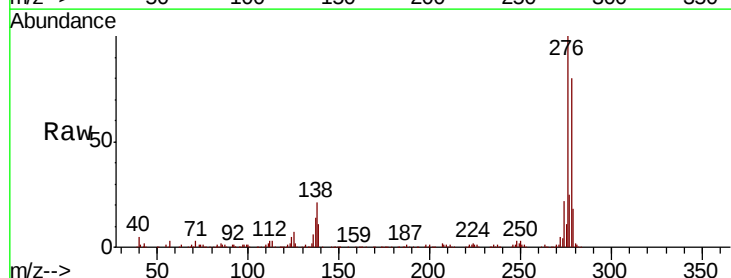
Tgt Ion:276 Resp: 441872

Ion Ratio Lower Upper

276 100

138 21.6 17.4 26.0

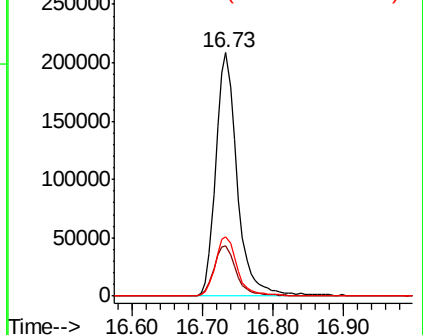
277 25.3 20.3 30.5

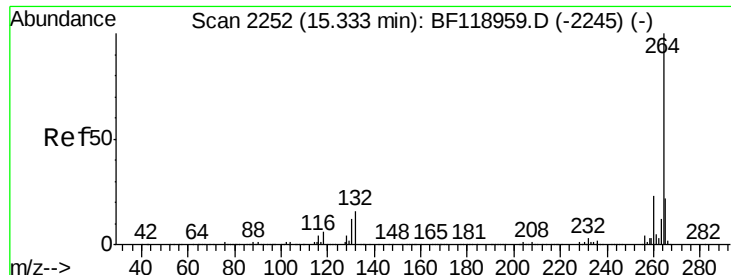


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



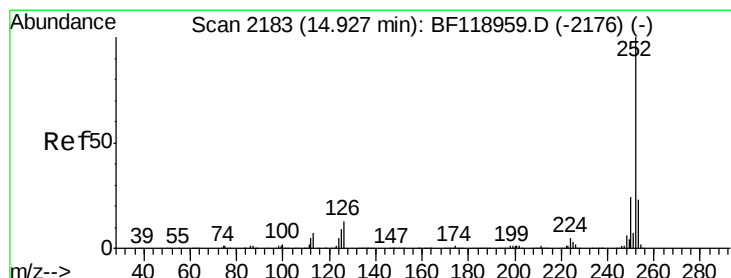
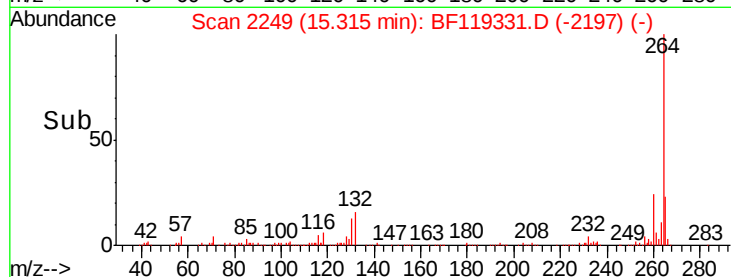
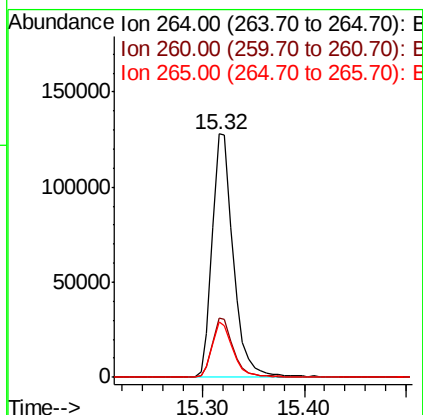
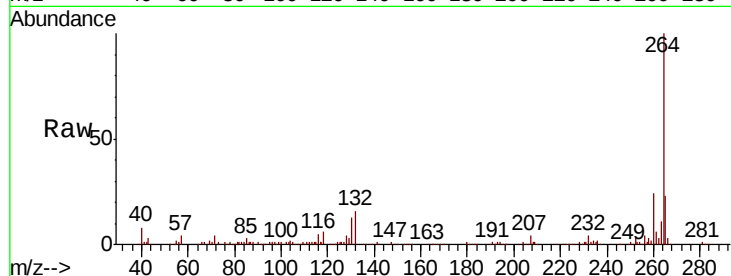


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF119331.D
Acq: 11 Mar 2020 00:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 186736

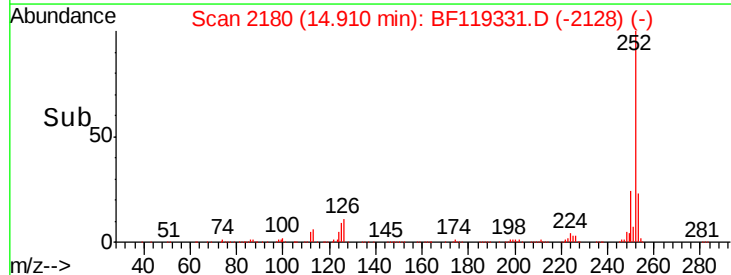
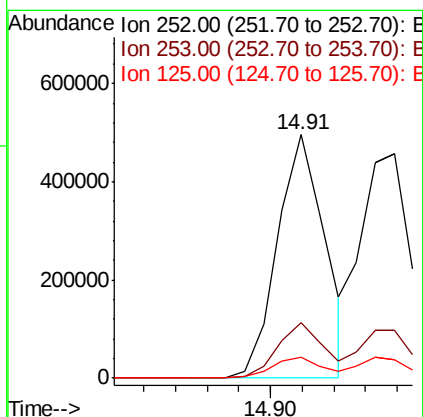
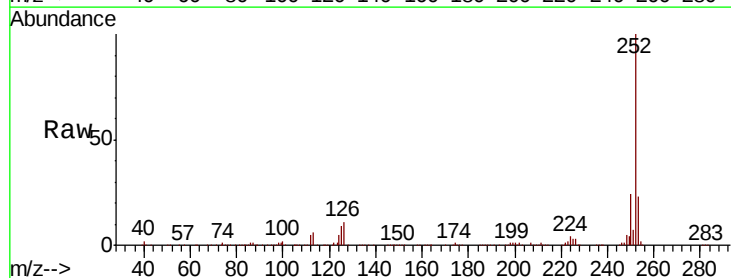
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	22.8	17.7	26.5

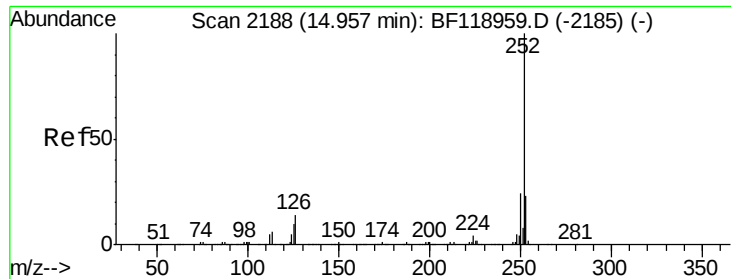


#88
Benzo(b)fluoranthene
Concen: 42.112 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF119331.D
Acq: 11 Mar 2020 00:20

Tgt Ion:252 Resp: 518344

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	8.8	7.4	11.0





#89

Benzo(k)fluoranthene

Concen: 46.043 ng

RT: 14.94 min Scan# 2185

Delta R.T. 0.01 min

Lab File: BF119331.D

Acq: 11 Mar 2020 00:20

Instrument :

BNA_F

ClientSampleId :

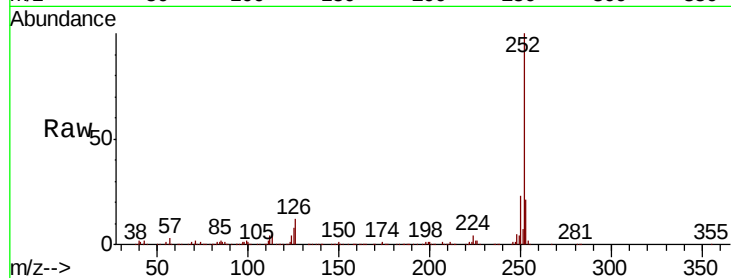
Tot Ion:252 Resp: 525192

Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.8

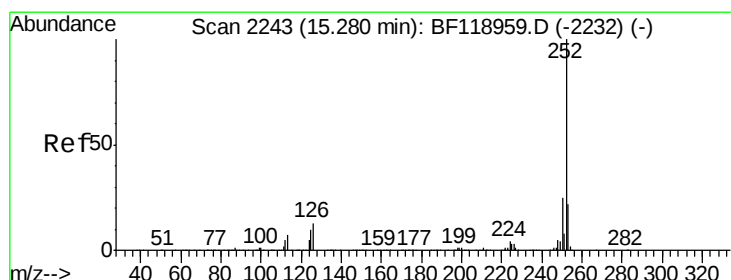
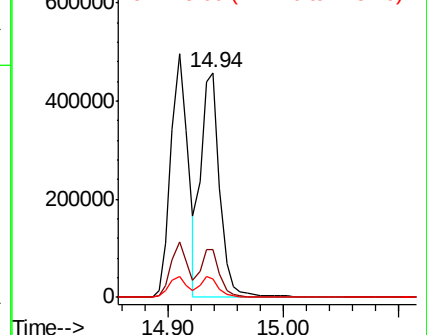
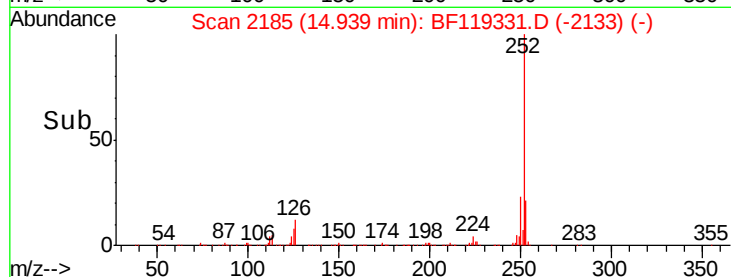
125 8.2 7.5 11.3



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



#90

Benzo(a)pyrene

Concen: 40.256 ng

RT: 15.26 min Scan# 2240

Delta R.T. 0.01 min

Lab File: BF119331.D

Acq: 11 Mar 2020 00:20

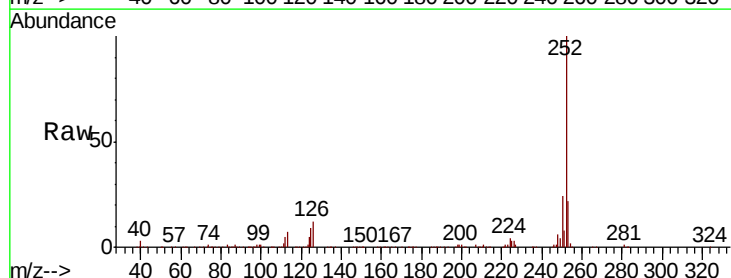
Tgt Ion:252 Resp: 447193

Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

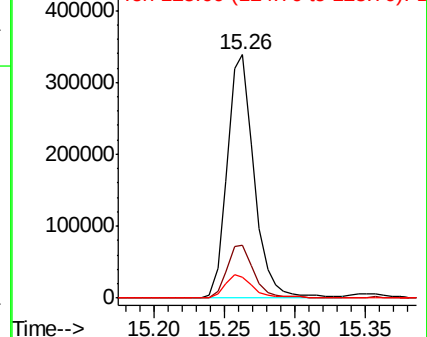
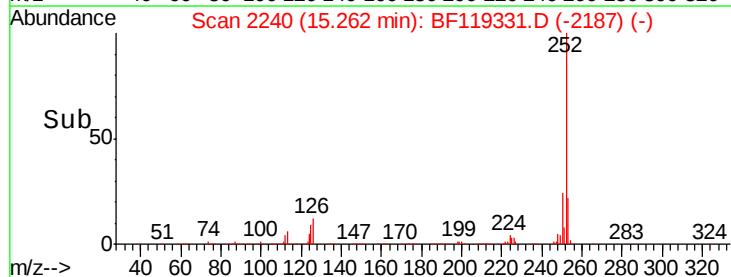
125 8.8 8.6 12.8

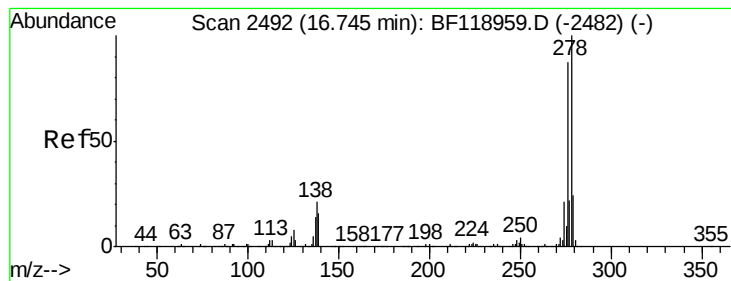


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

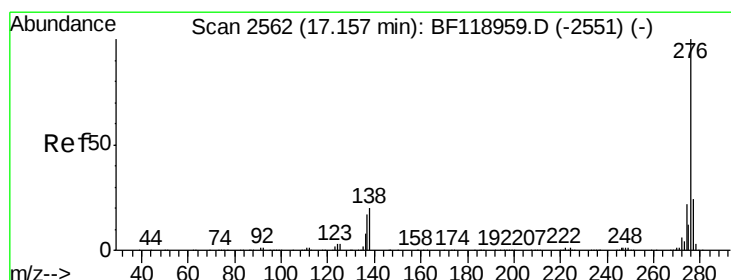
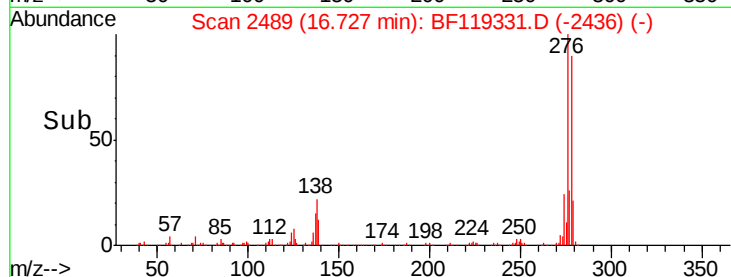
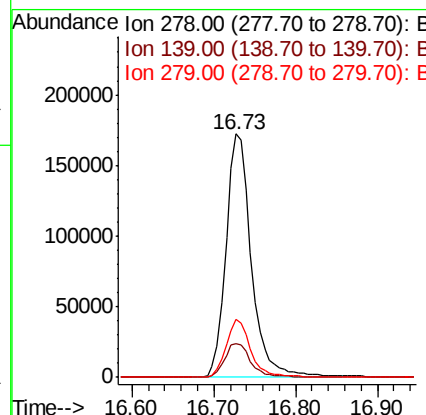
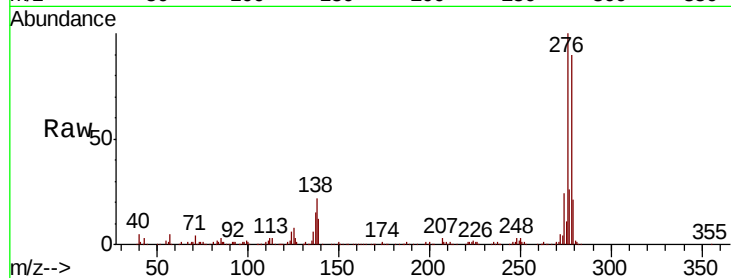




#91
Dibenzo(a,h)anthracene
Concen: 38.040 ng
RT: 16.73 min Scan# 2489
Delta R.T. 0.01 min
Lab File: BF119331.D
Acq: 11 Mar 2020 00:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 371825
Ion Ratio Lower Upper
278 100
139 13.6 11.0 16.4
279 23.7 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 35.862 ng
RT: 17.16 min Scan# 2562
Delta R.T. 0.02 min
Lab File: BF119331.D
Acq: 11 Mar 2020 00:20

Tgt Ion:276 Resp: 346347
Ion Ratio Lower Upper
276 100
277 22.7 18.7 28.1
138 18.5 14.3 21.5

