

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119214.D
 Acq On : 5 Mar 2020 14:58
 Operator : CG/JU
 Sample : PB127192BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 06:25:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	128138	20.00	ng	-0.02
21) Naphthalene-d8	8.01	136	496184	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	289158	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	536790	20.00	ng	-0.01
76) Chrysene-d12	13.89	240	365075	20.00	ng	-0.01
87) Perylene-d12	15.31	264	303115	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	977612	127.50	ng	0.00
7) Phenol-d6	6.39	99	1184665	127.04	ng	-0.01
23) Nitrobenzene-d5	7.30	82	704782	75.00	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	461462	121.99	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1467617	74.77	ng	-0.02
79) Terphenyl-d14	12.83	244	1751609	82.60	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.48	88	136347	39.940	ng	99
3) Pyridine	3.22	79	330376	35.436	ng	98
4) n-Nitrosodimethylamine	3.16	42	134247	47.533	ng	95
6) Aniline	6.39	93	382356	33.230	ng	# 73
8) 2-Chlorophenol	6.53	128	408992	49.427	ng	97
9) Benzaldehyde	6.27	77	164676	26.432	ng	98
10) Phenol	6.40	94	484961	48.101	ng	86
11) bis(2-Chloroethyl)ether	6.47	93	367860	47.686	ng	98
12) 1,3-Dichlorobenzene	6.67	146	439987	44.364	ng	98
13) 1,4-Dichlorobenzene	6.75	146	447642	45.104	ng	98
14) 1,2-Dichlorobenzene	6.90	146	413784	45.716	ng	98
15) Benzyl Alcohol	6.88	79	344733	51.150	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	296512	44.372	ng	# 14
17) 2-Methylphenol	7.00	107	337331	50.282	ng	95
18) Hexachloroethane	7.23	117	159972	45.054	ng	99
19) n-Nitroso-di-n-propylamine	7.15	70	282741	52.034	ng	95
20) 3+4-Methylphenols	7.16	107	443062	53.906	ng	# 84
22) Acetophenone	7.14	105	560512	48.823	ng	# 95
24) Nitrobenzene	7.32	77	428994	46.163	ng	100
25) Isophorone	7.56	82	784092	48.043	ng	100
26) 2-Nitrophenol	7.63	139	236029	47.935	ng	98
27) 2,4-Dimethylphenol	7.68	122	361846	54.147	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	473454	44.569	ng	99
29) 2,4-Dichlorophenol	7.88	162	371982	47.283	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	399801	42.862	ng	99
31) Naphthalene	8.03	128	1195556	46.460	ng	98
32) Benzoic acid	7.85	122	206227	43.087	ng	98
33) 4-Chloroaniline	8.09	127	317444	28.681	ng	99
34) Hexachlorobutadiene	8.15	225	243856	41.971	ng	98
35) Caprolactam	8.47	113	61775	25.502	ng	97
36) 4-Chloro-3-methylphenol	8.59	107	394618	49.564	ng	99
37) 2-Methylnaphthalene	8.72	142	829810	47.918	ng	100
38) 1-Methylnaphthalene	8.82	142	776365	47.670	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	413555	42.419	ng	99

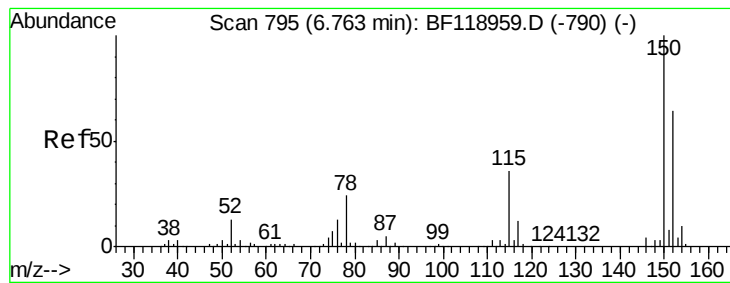
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	224876	65.322	ng	97
43) 2,4,6-Trichlorophenol	9.02	196	260333	42.285	ng	99
44) 2,4,5-Trichlorophenol	9.06	196	271681	42.053	ng	98
46) 1,1'-Biphenyl	9.19	154	1010296	43.231	ng	99
47) 2-Chloronaphthalene	9.22	162	805703	42.782	ng	97
48) 2-Nitroaniline	9.32	65	231281	44.030	ng	96
49) Acenaphthylene	9.63	152	1233533	45.351	ng	99
50) Dimethylphthalate	9.49	163	999696	45.212	ng	100
51) 2,6-Dinitrotoluene	9.56	165	224390	45.677	ng	99
52) Acenaphthene	9.80	154	736249	44.890	ng	98
53) 3-Nitroaniline	9.73	138	151866	27.885	ng	95
54) 2,4-Dinitrophenol	9.85	184	176665	74.554	ng	# 86
55) Dibenzofuran	9.97	168	1078639	44.062	ng	97
56) 4-Nitrophenol	9.93	139	216958	66.305	ng	97
57) 2,4-Dinitrotoluene	9.97	165	277084	43.515	ng	98
58) Fluorene	10.32	166	886529	46.604	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	232274	42.609	ng	98
60) Diethylphthalate	10.19	149	960465	46.094	ng	99
61) 4-Chlorophenyl-phenylether	10.30	204	462855	45.969	ng	98
62) 4-Nitroaniline	10.35	138	195527	35.091	ng	97
63) Azobenzene	10.46	77	855901	47.256	ng	96
65) 4,6-Dinitro-2-methylphenol	10.39	198	157175	48.389	ng	96
66) n-Nitrosodiphenylamine	10.43	169	800973	45.571	ng	100
67) 4-Bromophenyl-phenylether	10.79	248	306867	43.735	ng	96
68) Hexachlorobenzene	10.87	284	347235	42.923	ng	99
69) Atrazine	10.96	200	284790	46.375	ng	99
70) Pentachlorophenol	11.07	266	231509	71.043	ng	99
71) Phenanthrene	11.27	178	1291115	44.105	ng	98
72) Anthracene	11.33	178	1344547	45.968	ng	99
73) Carbazole	11.49	167	1148248	44.066	ng	98
74) Di-n-butylphthalate	11.81	149	1476632	46.794	ng	99
75) Fluoranthene	12.46	202	1371470	44.136	ng	99
77) Benzidine	12.58	184	465577	31.358	ng	99
78) Pyrene	12.69	202	1363449	46.510	ng	100
80) Butylbenzylphthalate	13.30	149	603213	48.891	ng	98
81) Benzo(a)anthracene	13.88	228	1153004	46.352	ng	99
82) 3,3'-Dichlorobenzidine	13.84	252	321612	33.296	ng	100
83) Chrysene	13.92	228	1089444	43.954	ng	100
84) Bis(2-ethylhexyl)phthalate	13.86	149	828886	53.177	ng	99
85) Di-n-octyl phthalate	14.47	149	1274146	51.304	ng	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	912030	38.002	ng	100
88) Benzo(b)fluoranthene	14.91	252	975153	48.807	ng	99
89) Benzo(k)fluoranthene	14.94	252	929053	50.177	ng	99
90) Benzo(a)pyrene	15.26	252	820227	45.487	ng	99
91) Dibenzo(a,h)anthracene	16.73	278	761951	48.023	ng	99
92) Benzo(g,h,i)perylene	17.14	276	763303	48.690	ng	100

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

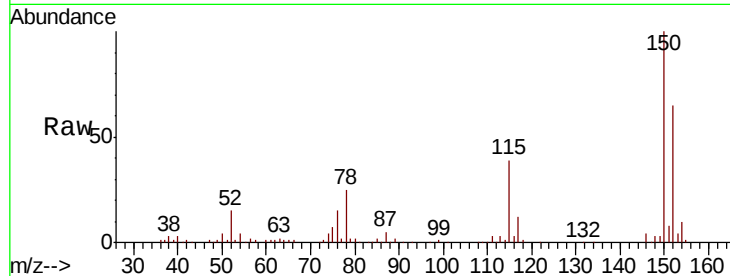


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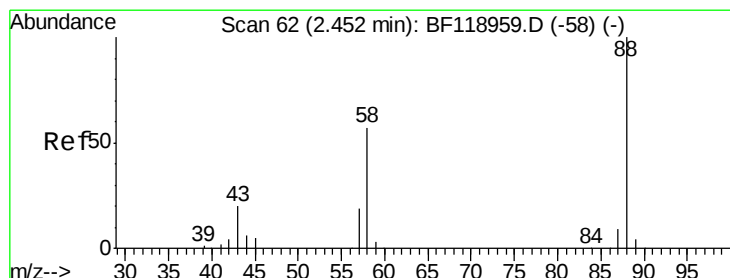
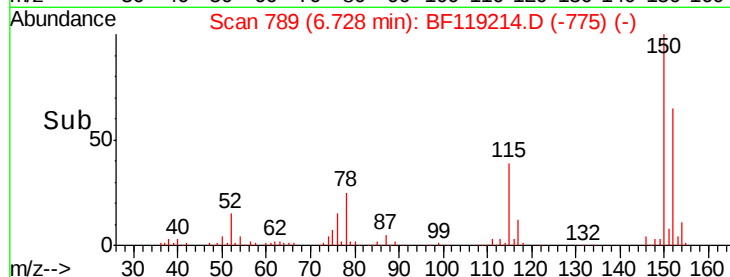
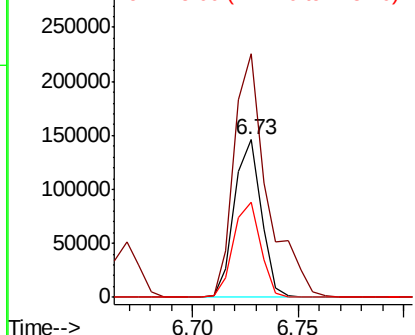
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 128138
Ion Ratio Lower Upper
152 100
150 154.7 123.0 184.6
115 60.5 49.5 74.3



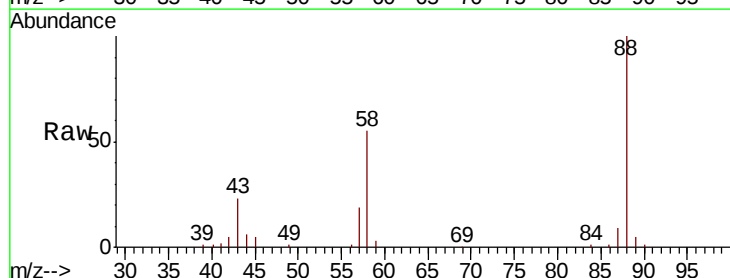
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



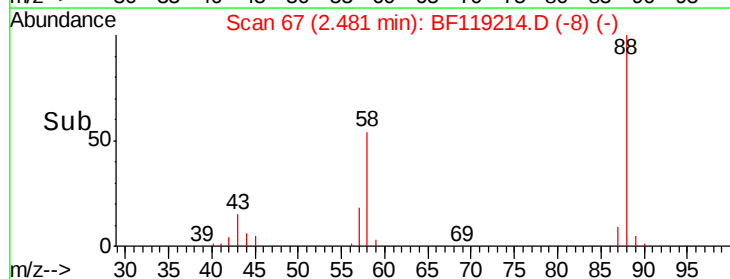
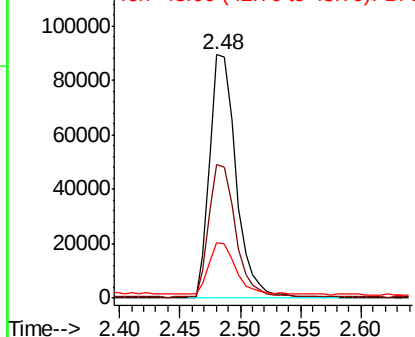
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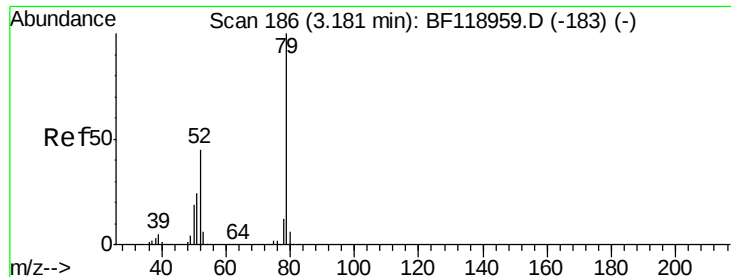
1,4-Dioxane
Concen: 39.940 ng
RT: 2.48 min Scan# 67
Delta R.T. 0.05 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Tgt Ion: 88 Resp: 136347
Ion Ratio Lower Upper
88 100
58 55.3 43.8 65.6
43 20.7 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: 35.436 ng

RT: 3.22 min Scan# 192

Delta R.T. 0.06 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

Instrument :

BNA_F

ClientSampleId :

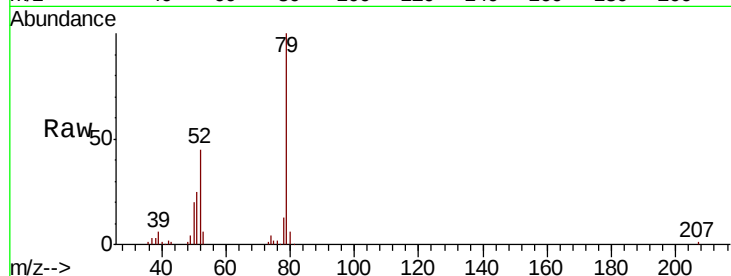
Tot Ion: 79 Resp: 330376

Ion Ratio Lower Upper

79 100

52 45.1 37.4 56.0

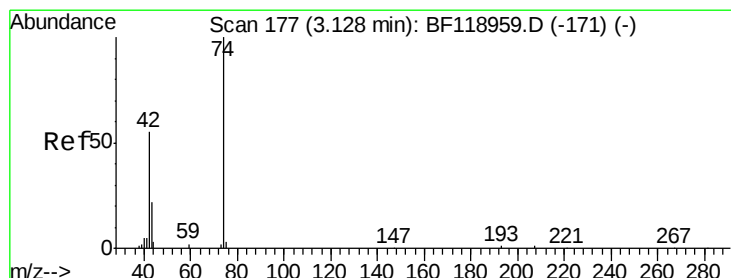
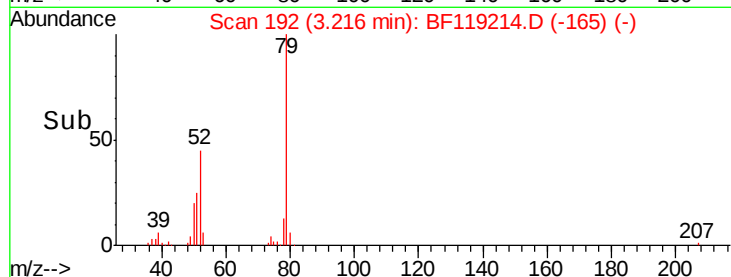
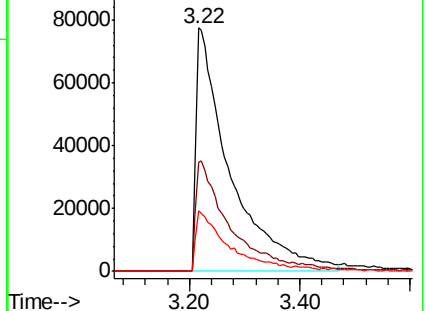
51 25.0 19.8 29.6



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: 47.533 ng

RT: 3.16 min Scan# 182

Delta R.T. 0.04 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

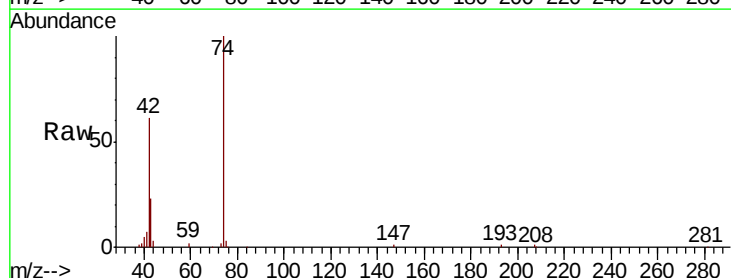
Tgt Ion: 42 Resp: 134247

Ion Ratio Lower Upper

42 100

74 164.4 137.7 206.5

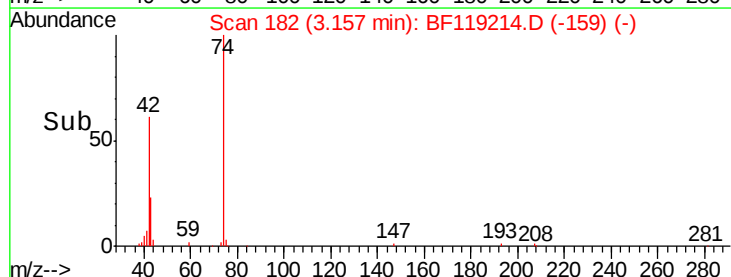
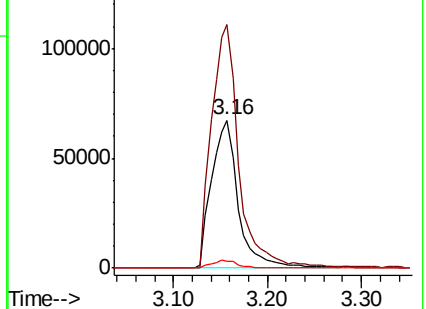
44 5.0 4.5 6.7

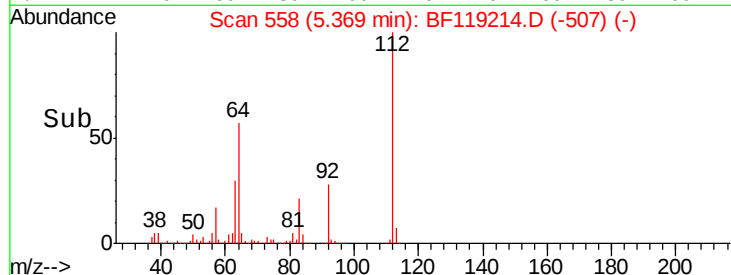
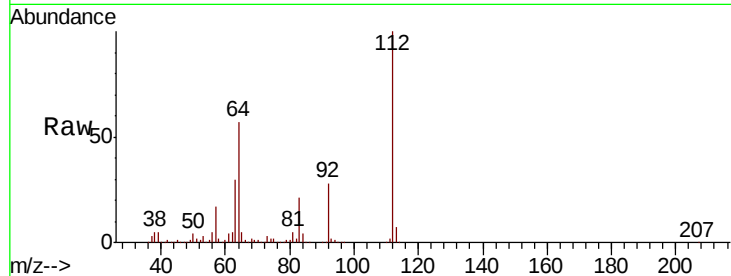
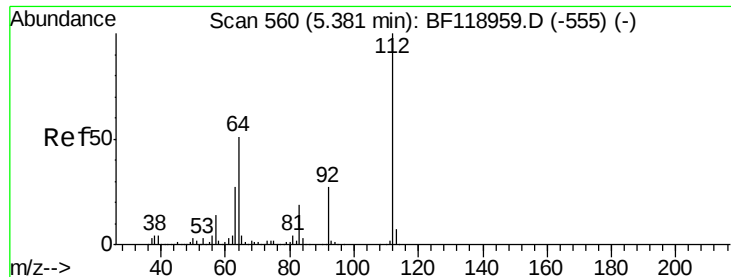


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 127.500 ng

RT: 5.37 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:112 Resp: 977612

Ion Ratio Lower Upper

112 100

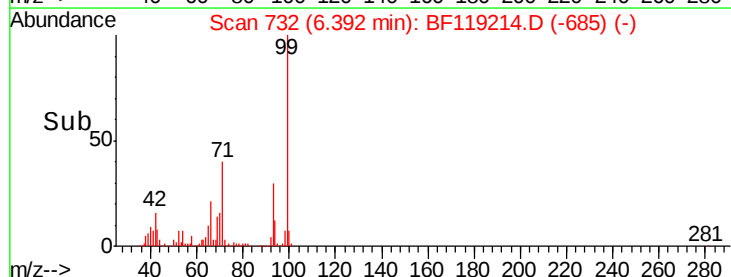
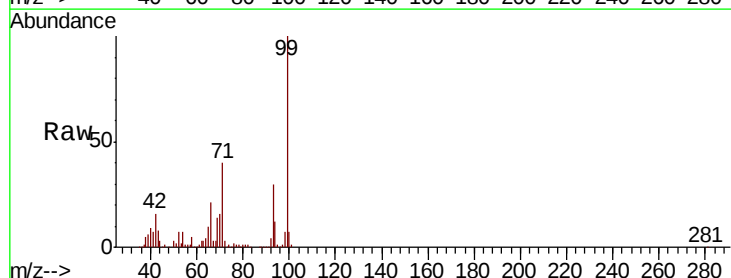
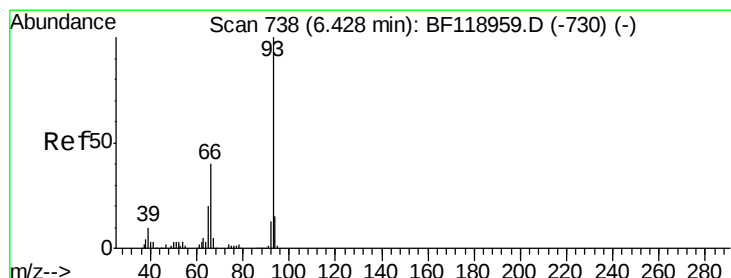
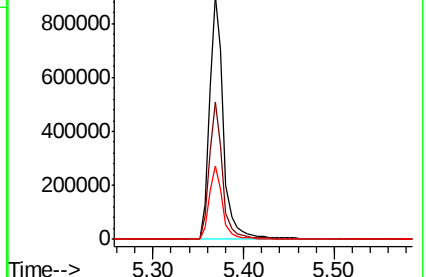
64 56.7 45.0 67.4

63 30.2 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: 33.230 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

Tgt Ion: 93 Resp: 382356

Ion Ratio Lower Upper

93 100

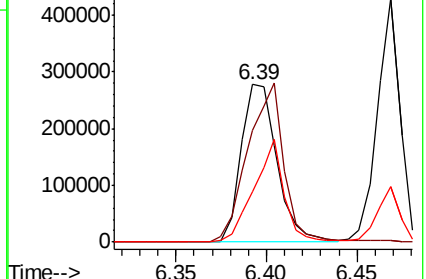
66 71.0 74.5 111.7#

65 32.2 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: 127.040 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

Instrument :

BNA_F

ClientSampleId :

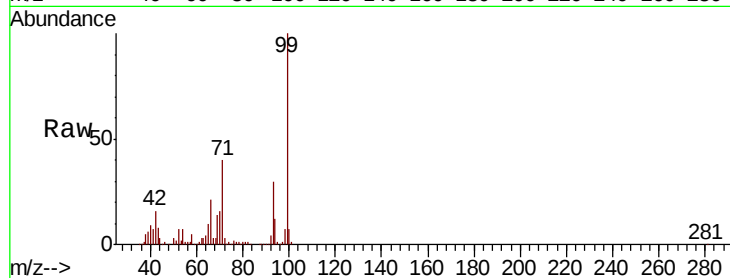
Tot Ion: 99 Resp: 1184665

Ion Ratio Lower Upper

99 100

42 16.2 12.6 18.8

71 39.7 31.0 46.4

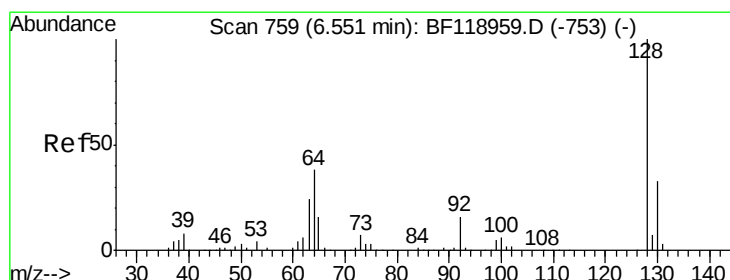
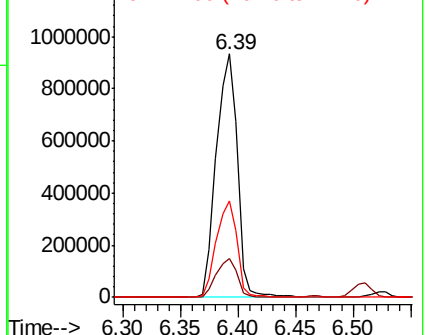
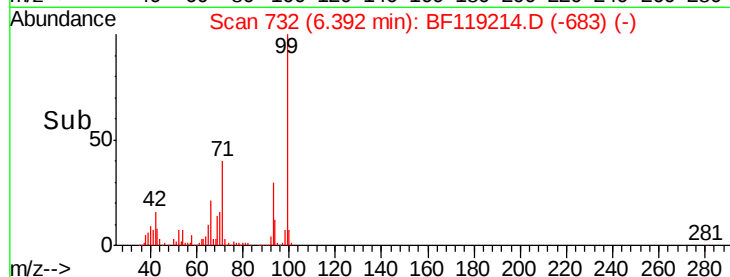


Abundance

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



#8

2-Chlorophenol

Concen: 49.427 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

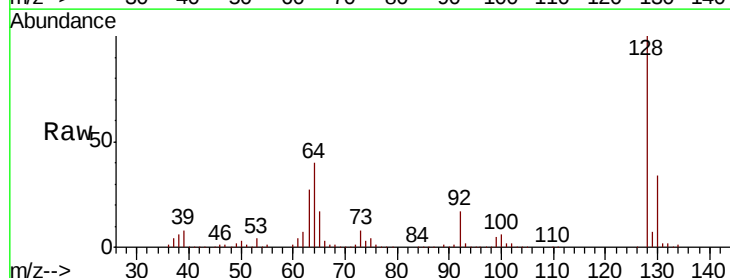
Tgt Ion: 128 Resp: 408992

Ion Ratio Lower Upper

128 100

130 33.7 12.7 52.7

64 40.1 22.3 62.3

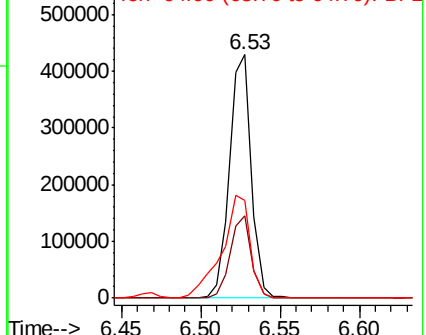
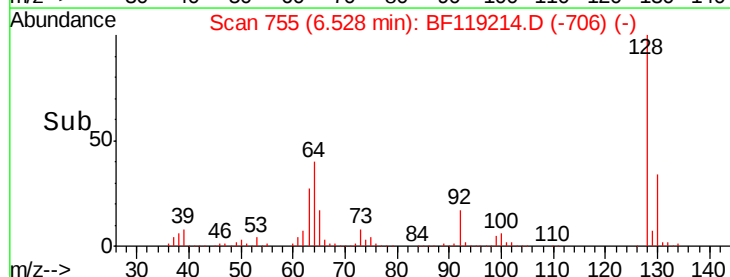


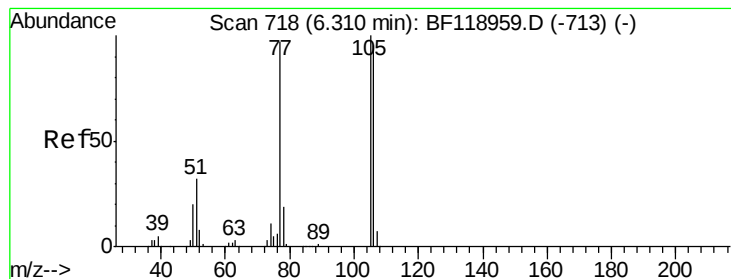
Abundance

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





#9

Benzaldehyde

Concen: 26.432 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

Instrument :

BNA_F

ClientSampleId :

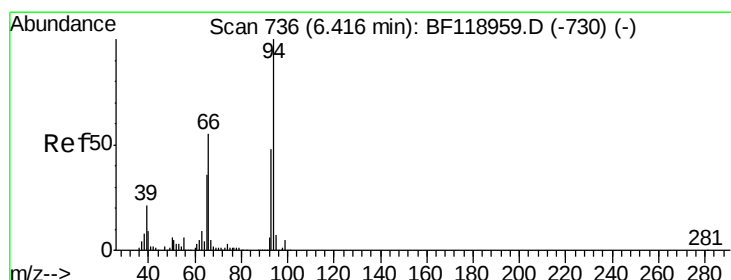
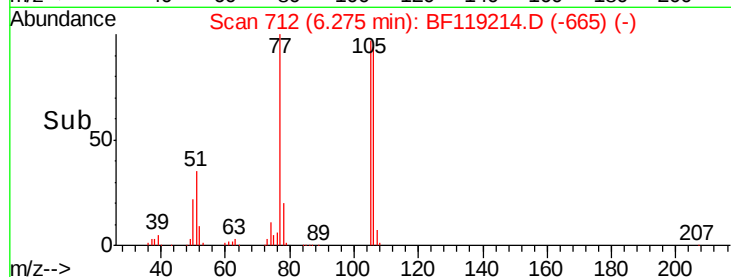
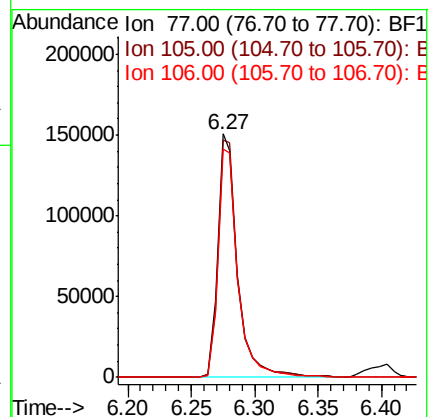
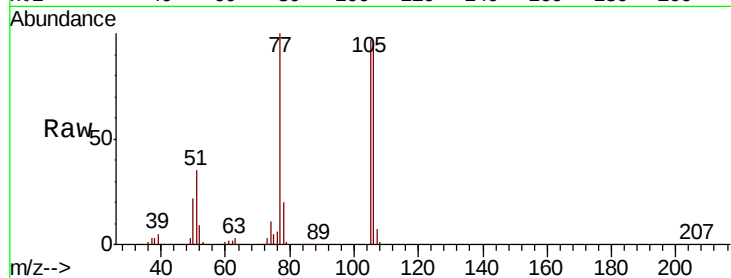
Tot Ion: 77 Resp: 164676

Ion Ratio Lower Upper

77 100

105 97.3 80.1 120.1

106 94.0 75.9 115.9



#10

Phenol

Concen: 48.101 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

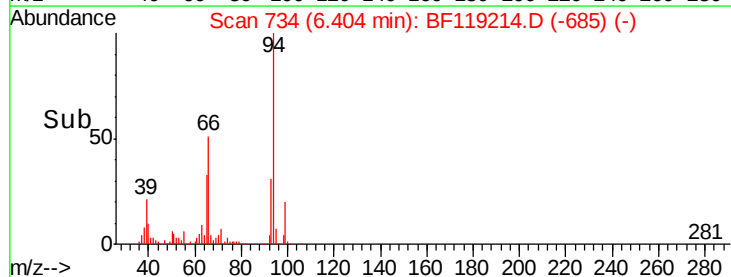
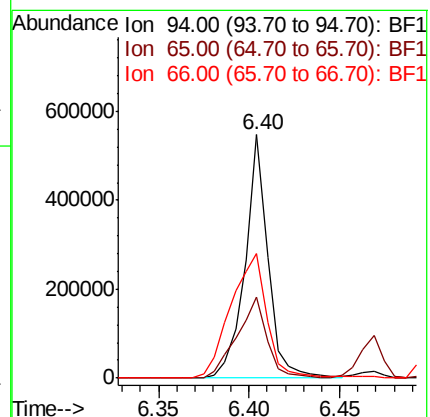
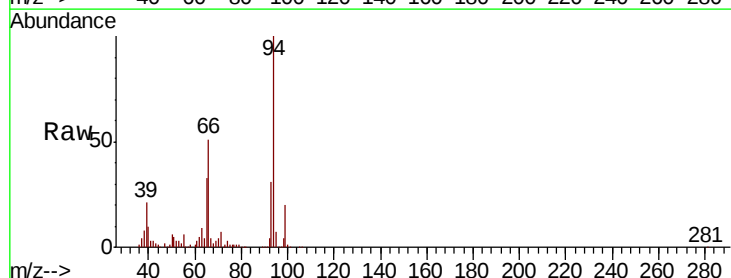
Tgt Ion: 94 Resp: 484961

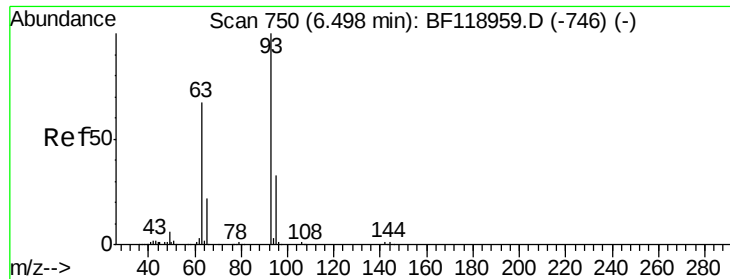
Ion Ratio Lower Upper

94 100

65 33.0 19.2 59.2

66 51.4 44.4 84.4

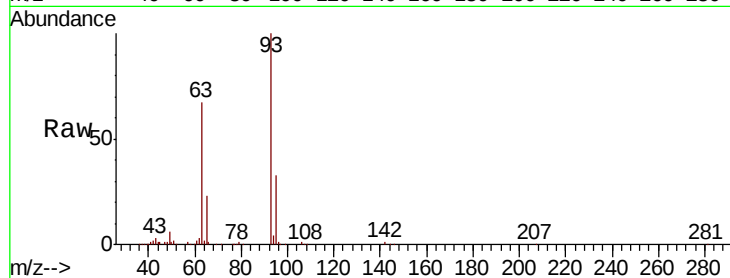




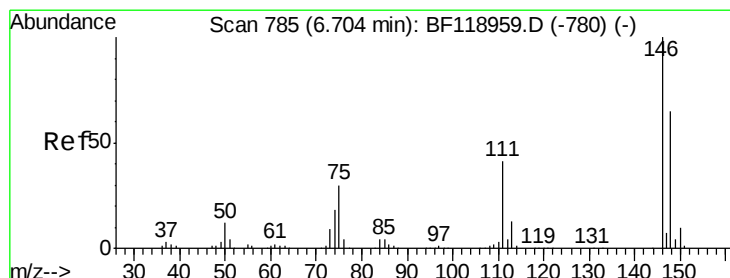
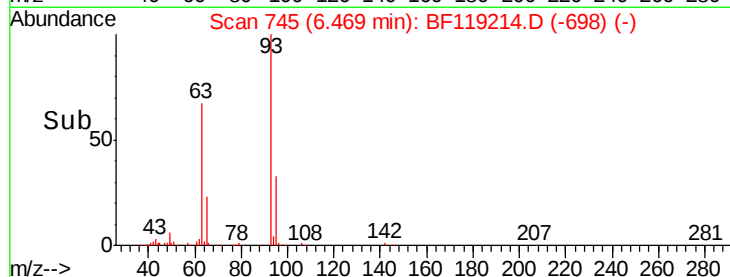
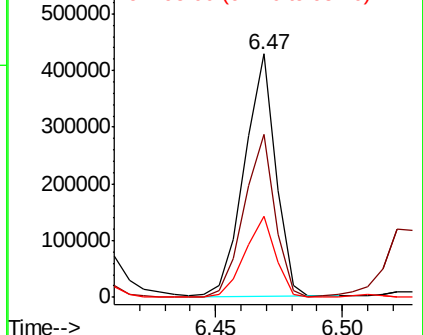
#11
bis(2-Chloroethyl)ether
Concen: 47.686 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Instrument :
BNA_F
ClientSampled :

Tot Ion: 93 Resp: 367860
Ion Ratio Lower Upper
93 100
63 66.9 45.4 85.4
95 33.1 13.5 53.5

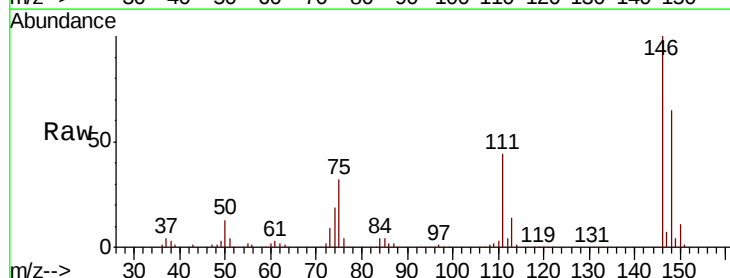


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

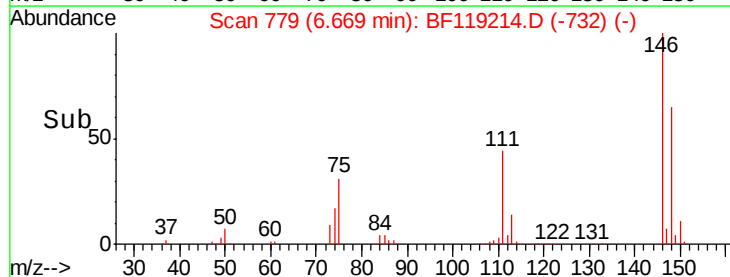
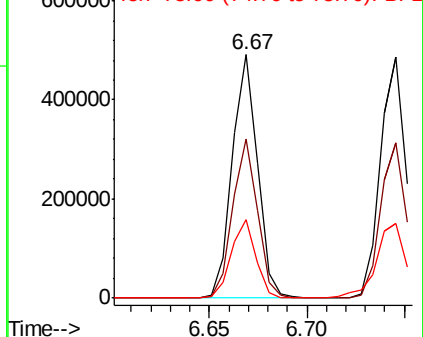


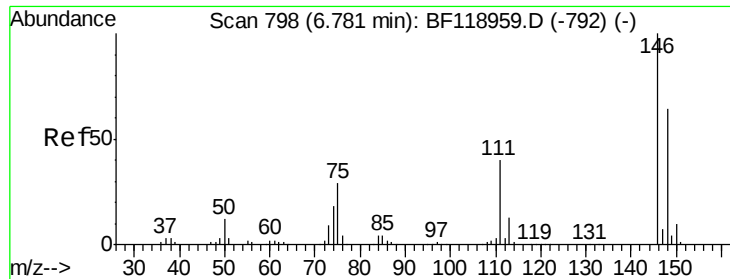
#12
1,3-Dichlorobenzene
Concen: 44.364 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Tgt Ion: 146 Resp: 439987
Ion Ratio Lower Upper
146 100
148 65.3 52.5 78.7
75 32.1 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: 45.104 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.02 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

Instrument :

BNA_F

ClientSampleId :

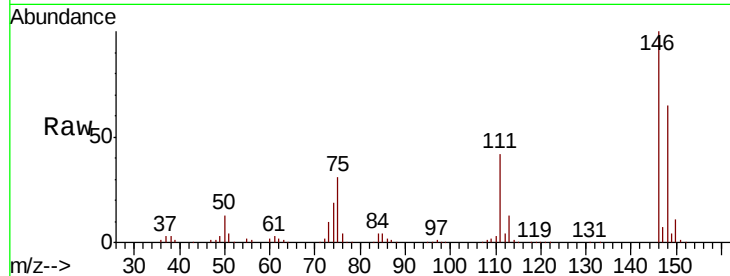
Tot Ion:146 Resp: 447642

Ion Ratio Lower Upper

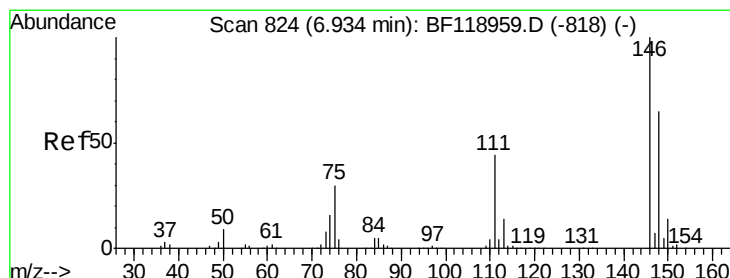
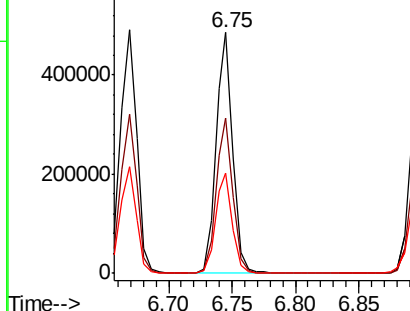
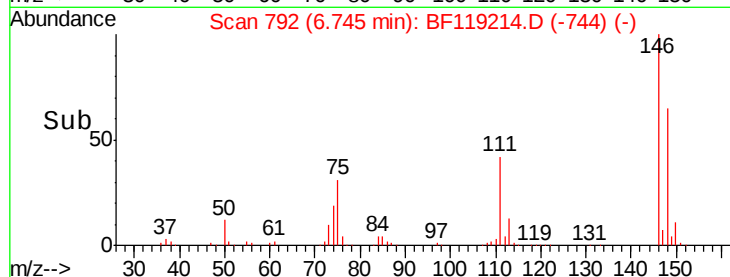
146 100

148 64.8 51.1 76.7

111 41.6 34.8 52.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 45.716 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.02 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

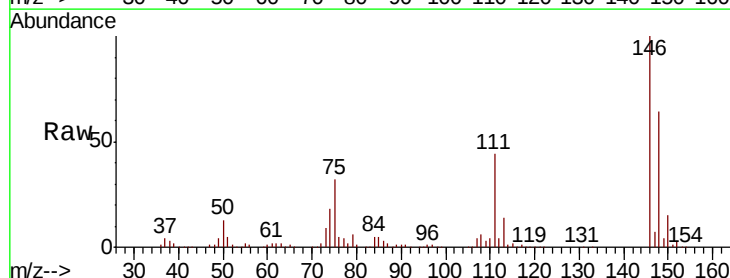
Tgt Ion:146 Resp: 413784

Ion Ratio Lower Upper

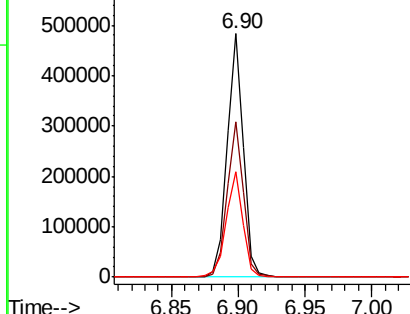
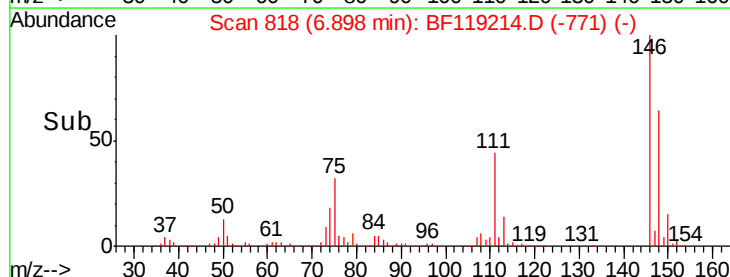
146 100

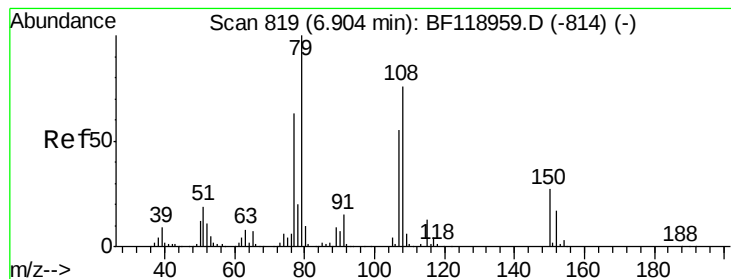
148 64.0 51.9 77.9

111 43.5 36.2 54.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 51.150 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.02 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

Instrument :

BNA_F

ClientSampled :

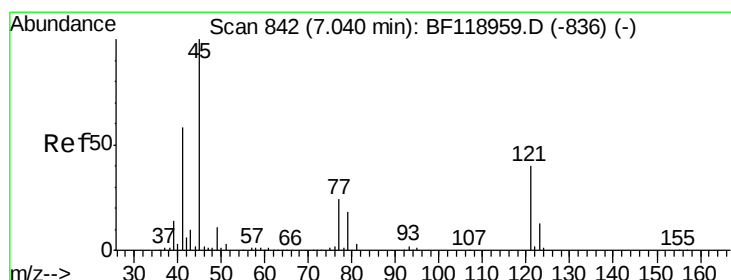
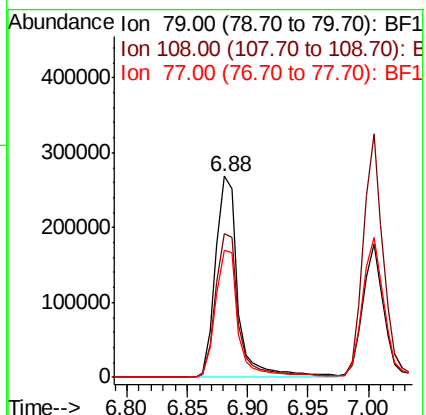
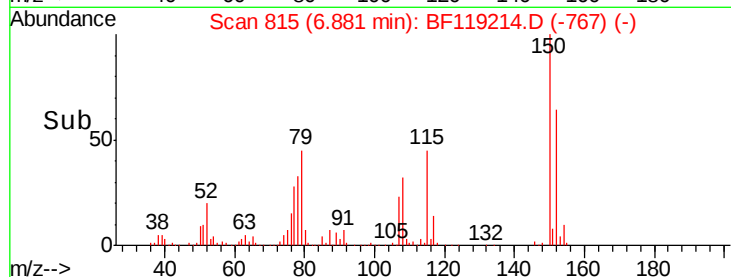
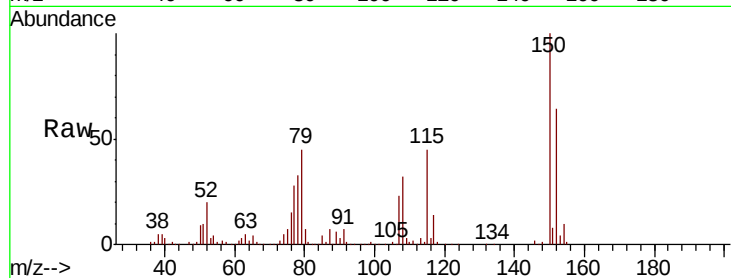
Tot Ion: 79 Resp: 344733

Ion Ratio Lower Upper

79 100

108 71.7 58.2 87.2

77 63.5 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.372 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.02 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

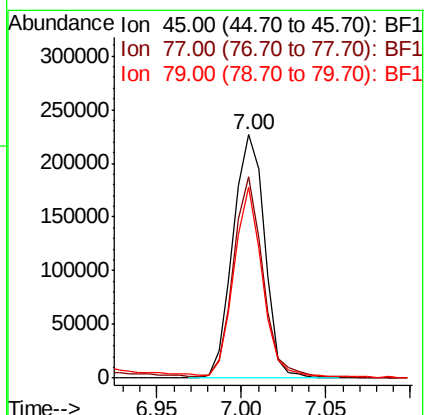
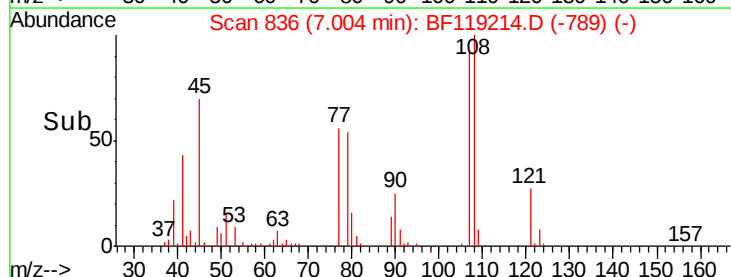
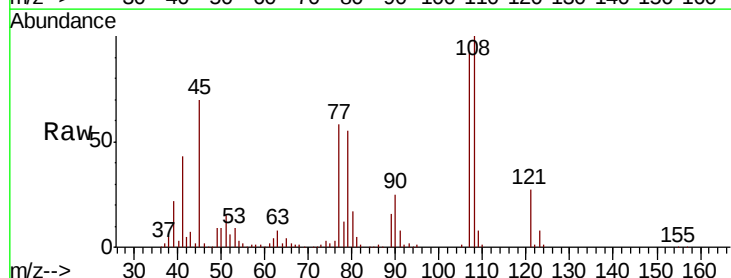
Tgt Ion: 45 Resp: 296512

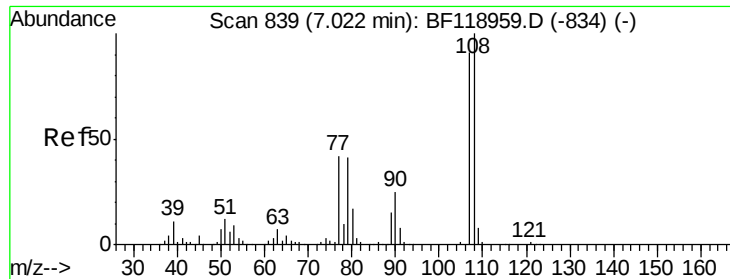
Ion Ratio Lower Upper

45 100

77 82.7 15.0 55.0#

79 78.5 9.4 49.4#

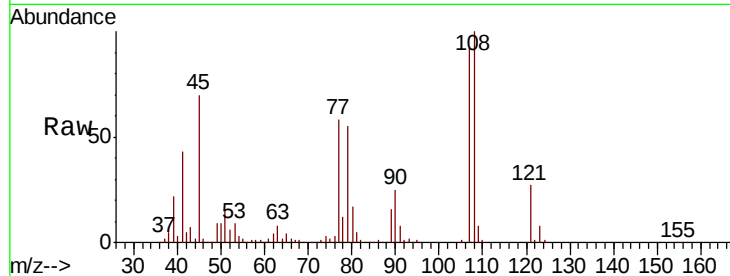




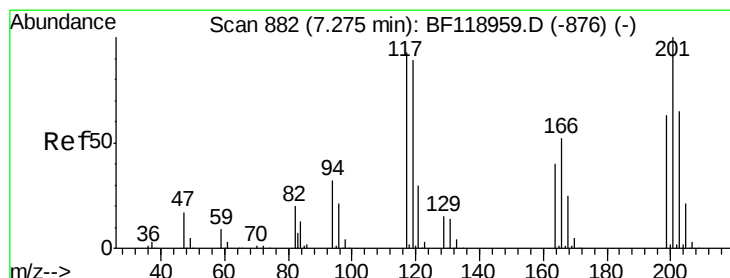
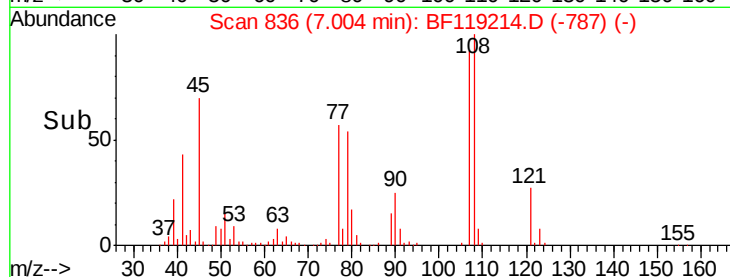
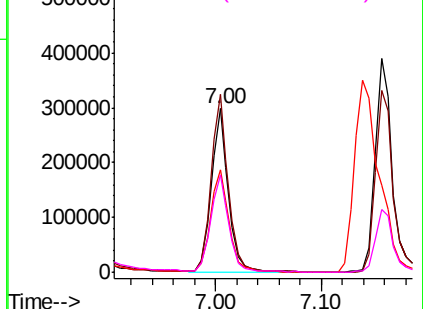
#17
2-Methylphenol
Concen: 50.282 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	337331
Ion	Ratio	Lower	Upper
107	100		
108	109.1	87.9	131.9
77	62.9	45.3	67.9
79	59.7	43.0	64.4

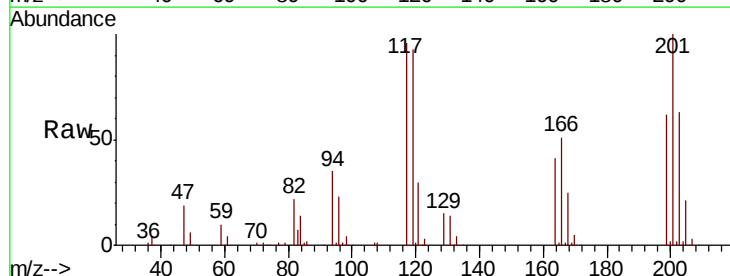


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

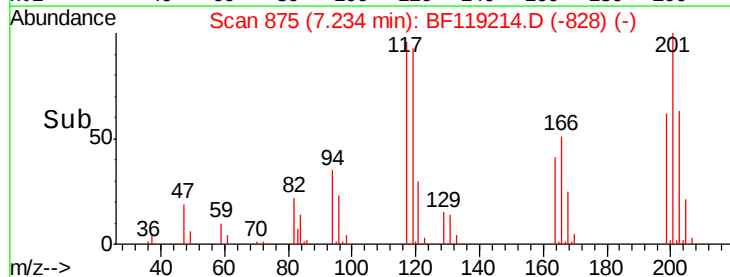
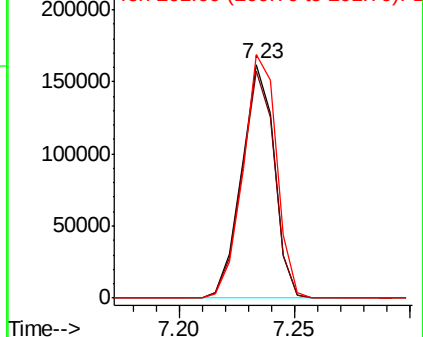


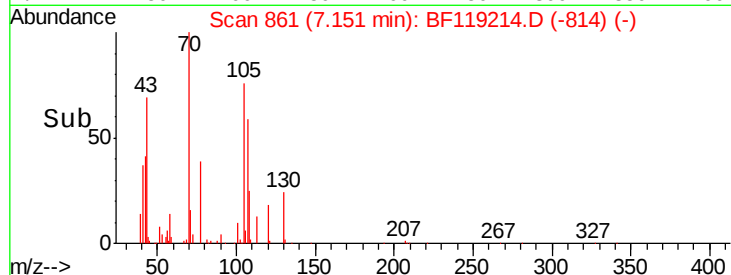
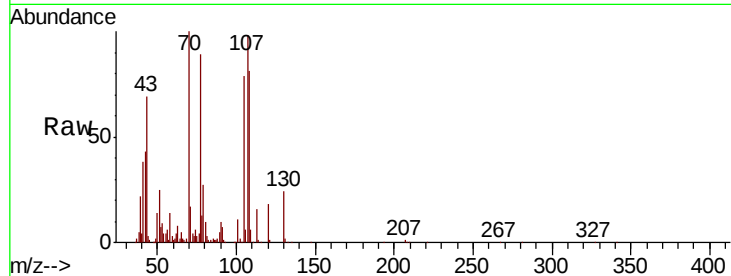
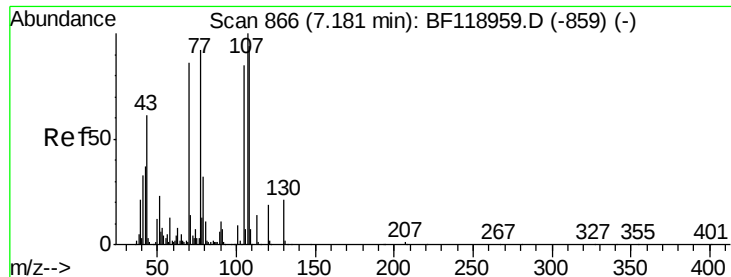
#18
Hexachloroethane
Concen: 45.054 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Tgt Ion:	117	Resp:	159972
Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.5	116.3
201	104.1	82.6	123.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

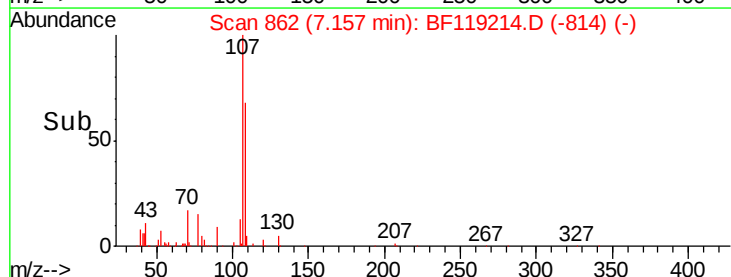
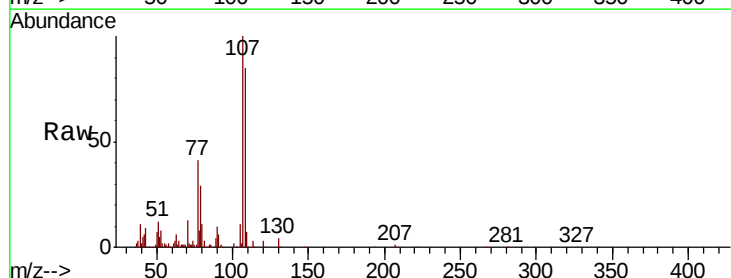
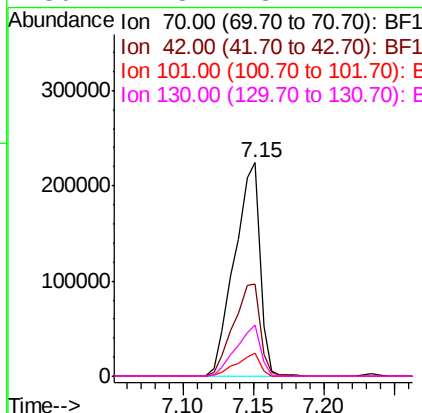




#19
n-Nitroso-di-n-propylamine
Concen: 52.034 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

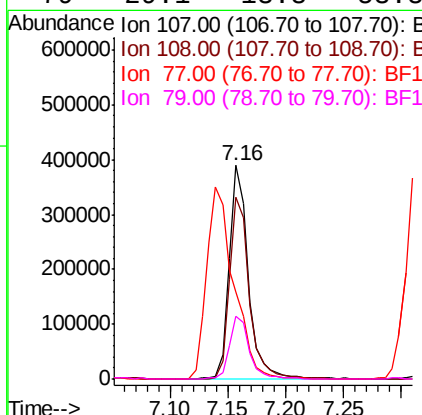
Instrument :
BNA_F
ClientSampleId :

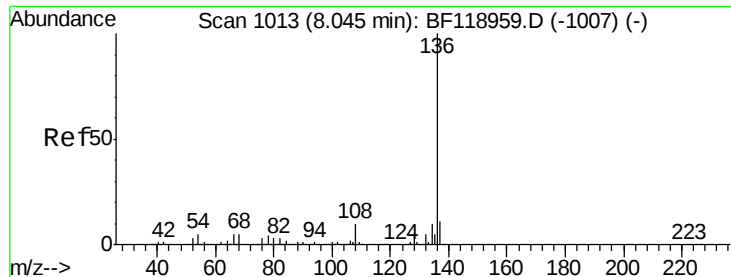
Tot Ion:	70	Resp:	282741
Ion	Ratio	Lower	Upper
70	100		
42	43.3	38.0	57.0
101	10.9	8.2	12.4
130	24.3	18.2	27.4



#20
3+4-Methylphenols
Concen: 53.906 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Tgt Ion:	107	Resp:	443062
Ion	Ratio	Lower	Upper
107	100		
108	85.2	71.5	111.5
77	40.7	45.9	85.9#
79	29.1	13.8	53.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.02 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 496184

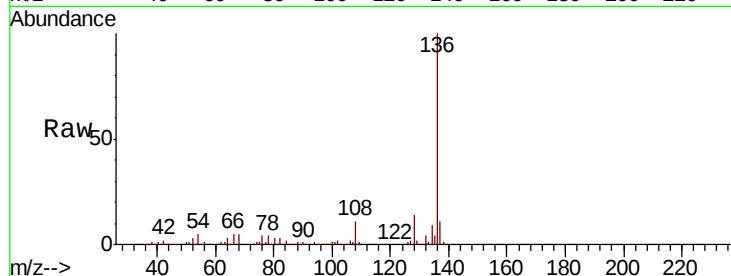
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 4.9 3.8 5.6

68 5.2 3.9 5.9

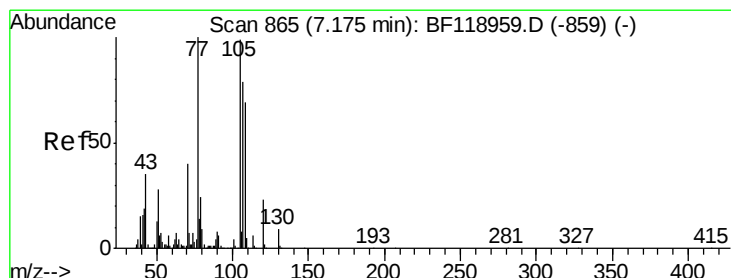
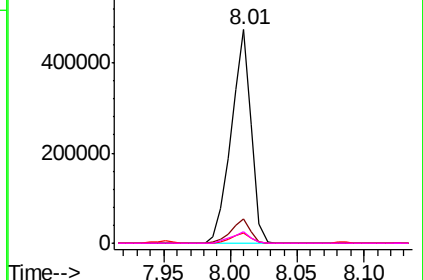
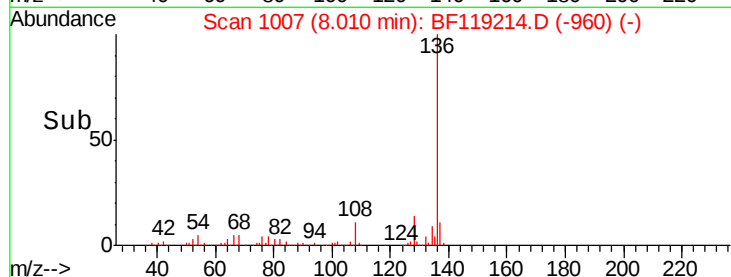


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.823 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

Tgt Ion:105 Resp: 560512

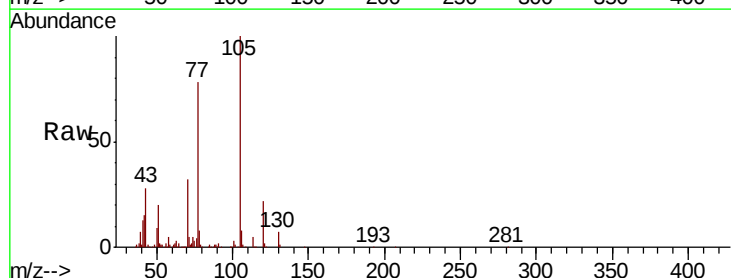
Ion Ratio Lower Upper

105 100

71 5.2 3.0 4.4#

51 20.2 20.1 30.1

120 22.3 18.0 27.0

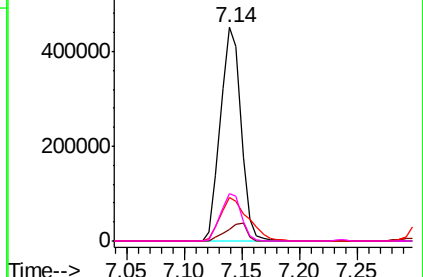
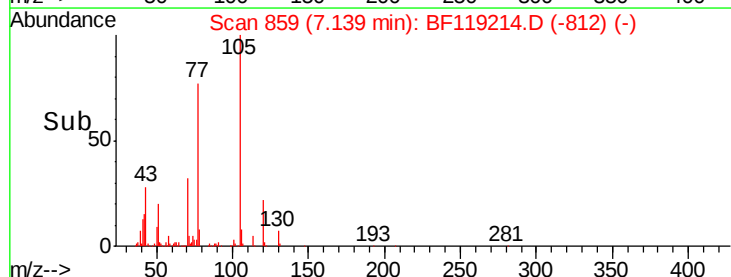


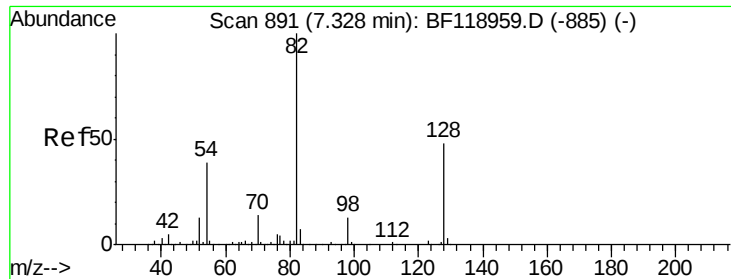
Abundance Ion 105.00 (104.70 to 105.70): E

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

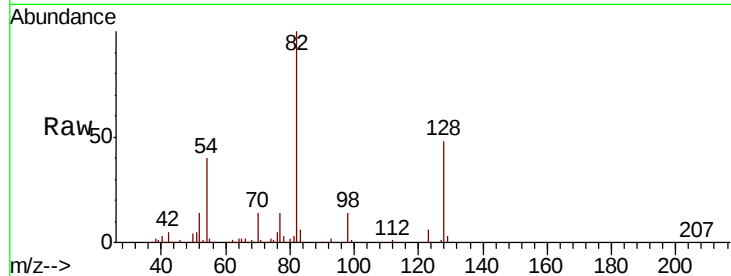




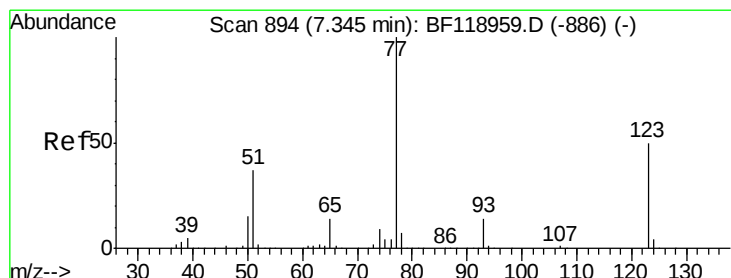
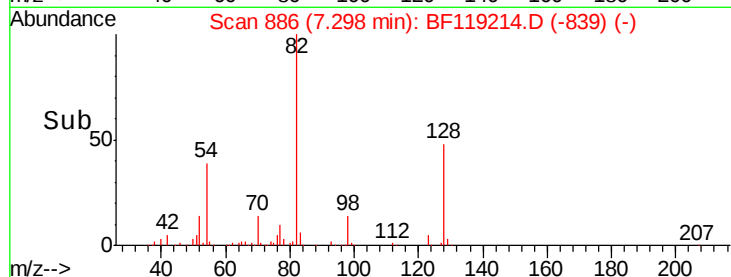
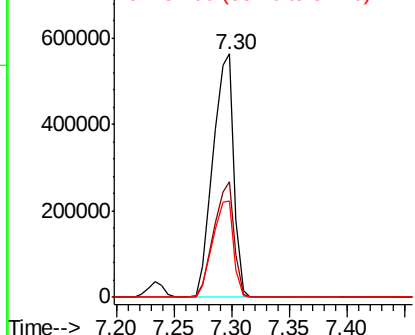
#23
 Nitrobenzene-d5
 Concen: 74.997 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BF119214.D
 Acq: 5 Mar 2020 14:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	704782
Ion Ratio	Lower	Upper	
82	100		
128	47.6	37.9	56.9
54	39.6	33.4	50.2

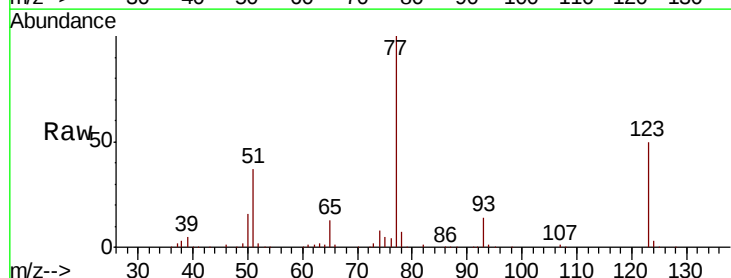


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

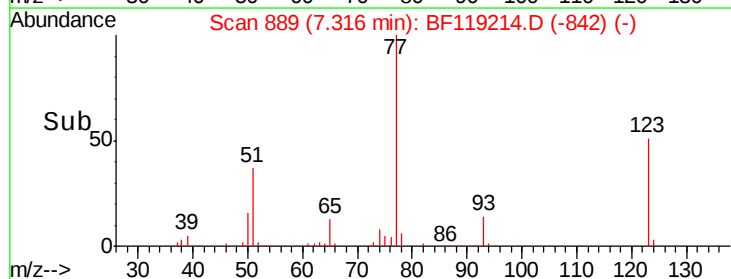
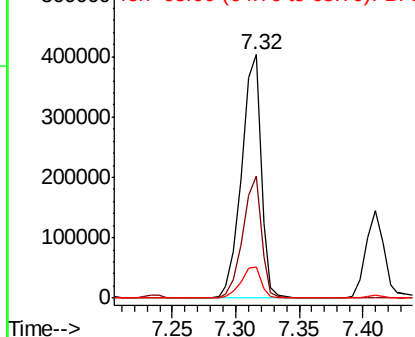


#24
 Nitrobenzene
 Concen: 46.163 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.02 min
 Lab File: BF119214.D
 Acq: 5 Mar 2020 14:58

Tgt Ion	77	Resp	428994
Ion Ratio	Lower	Upper	
77	100		
123	50.2	40.2	60.2
65	12.8	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

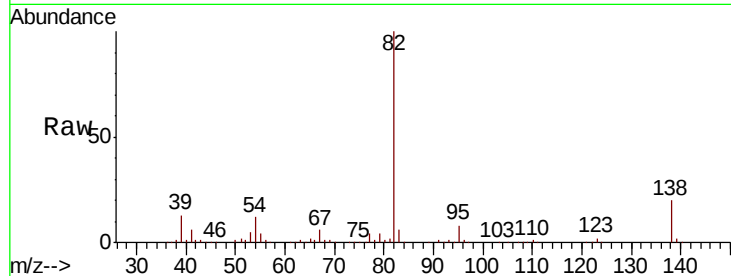




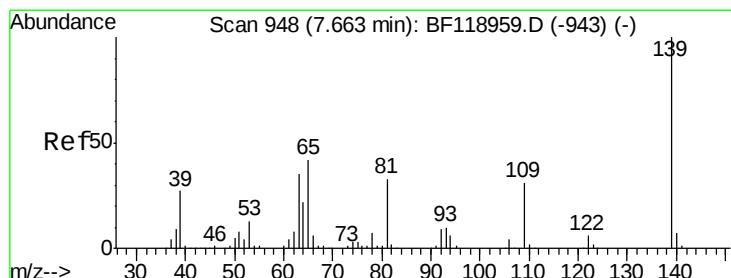
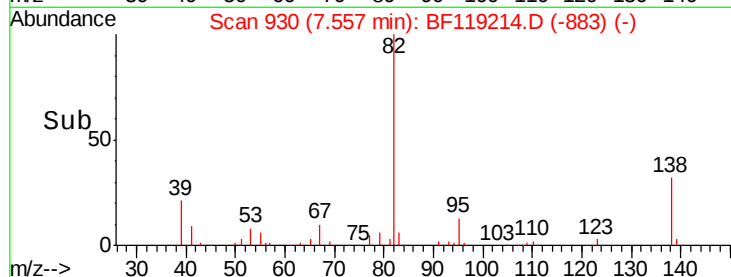
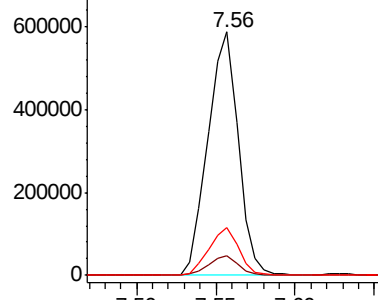
#25
Isophorone
Concen: 48.043 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 784092
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 19.7 15.7 23.5

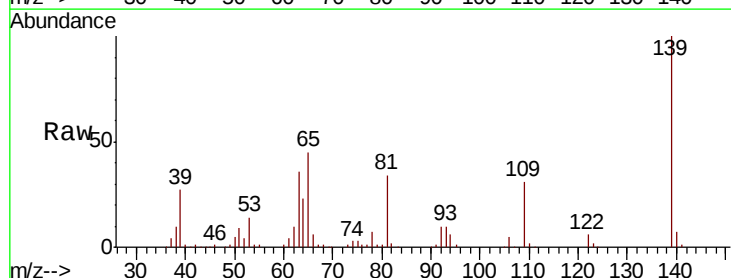


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

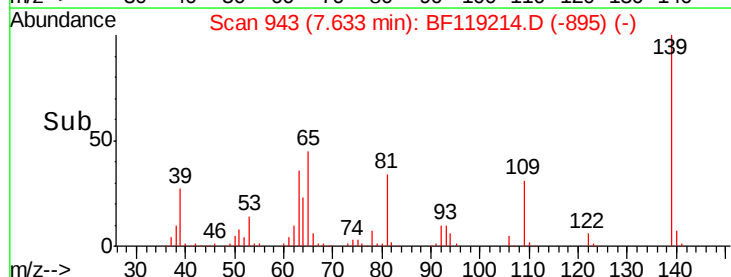
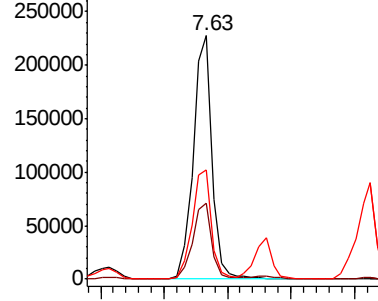


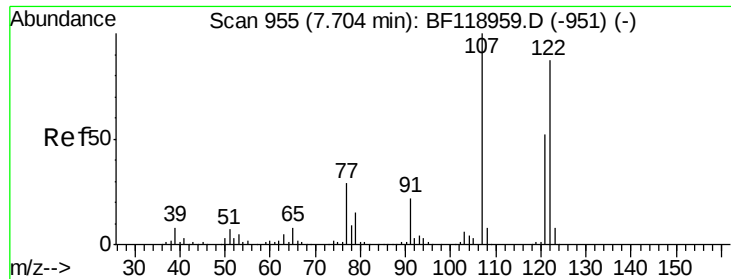
#26
2-Nitrophenol
Concen: 47.935 ng
RT: 7.63 min Scan# 943
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Tgt Ion: 139 Resp: 236029
Ion Ratio Lower Upper
139 100
109 31.0 25.7 38.5
65 44.8 37.1 55.7



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

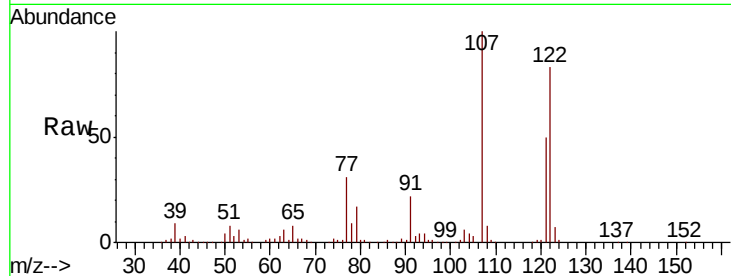




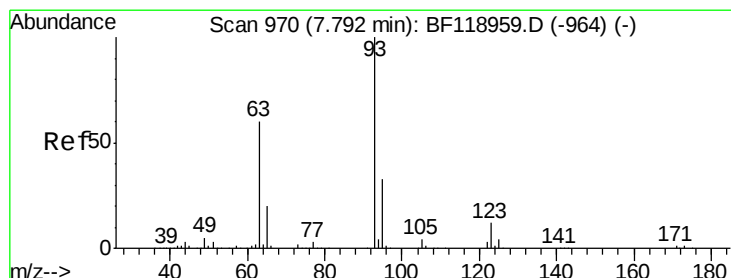
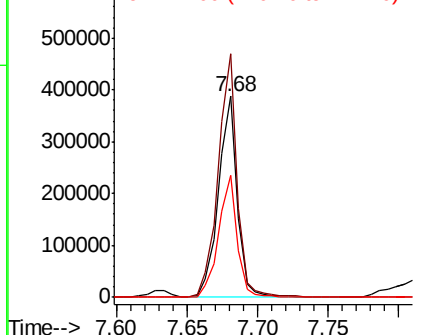
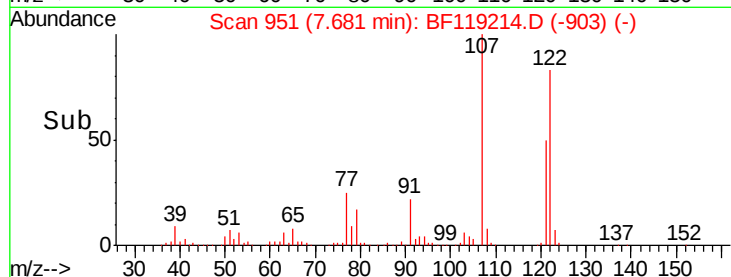
#27
2,4-Dimethylphenol
Concen: 54.147 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 361846
Ion Ratio Lower Upper
122 100
107 120.9 93.8 140.6
121 60.7 48.2 72.2

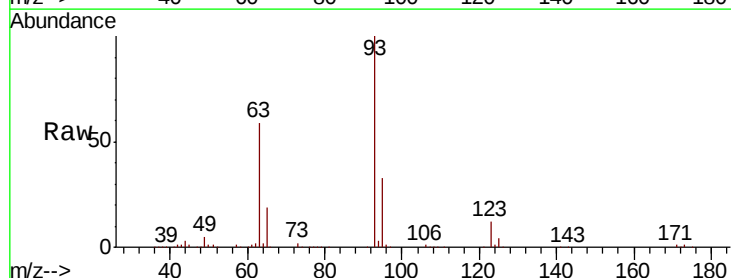


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

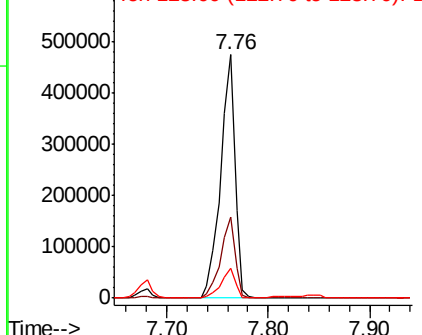
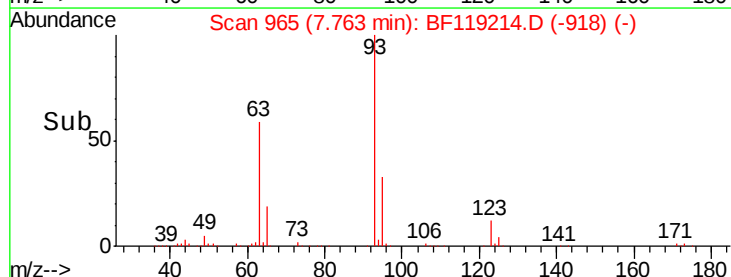


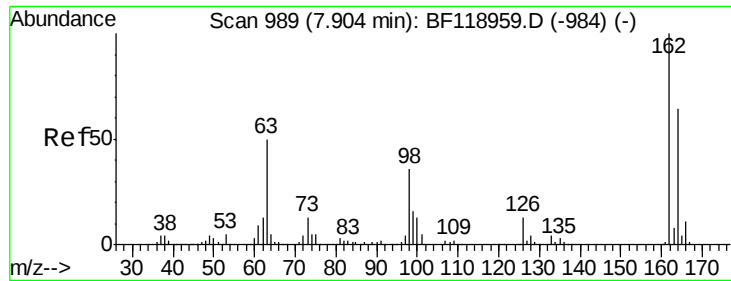
#28
bis(2-Chloroethoxy)methane
Concen: 44.569 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Tgt Ion: 93 Resp: 473454
Ion Ratio Lower Upper
93 100
95 33.0 26.5 39.7
123 12.0 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

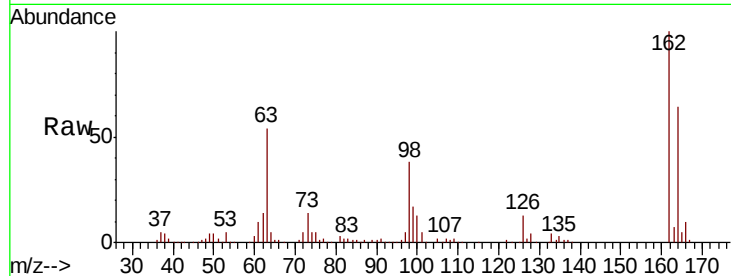




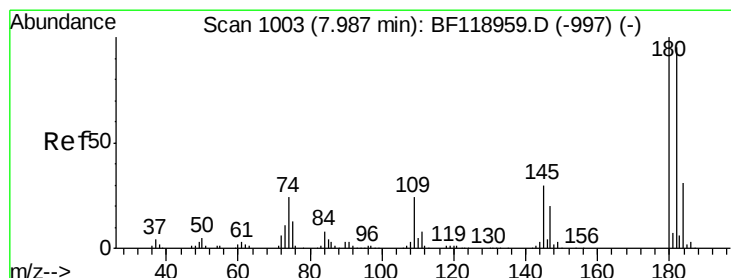
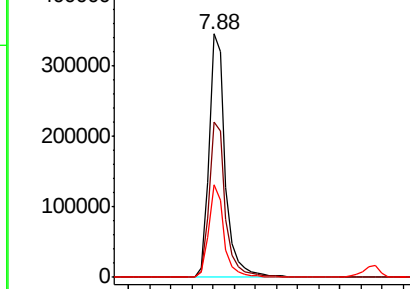
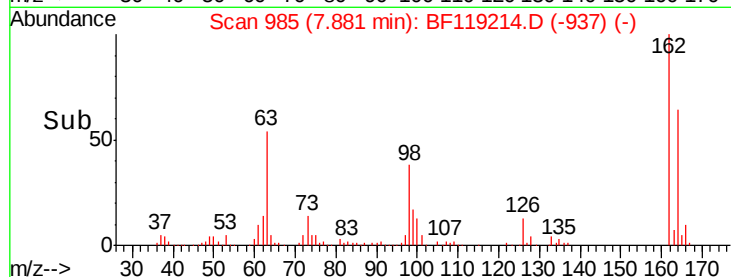
#29
2,4-Dichlorophenol
Concen: 47.283 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 371982
Ion Ratio Lower Upper
162 100
164 63.5 45.2 85.2
98 38.0 17.4 57.4

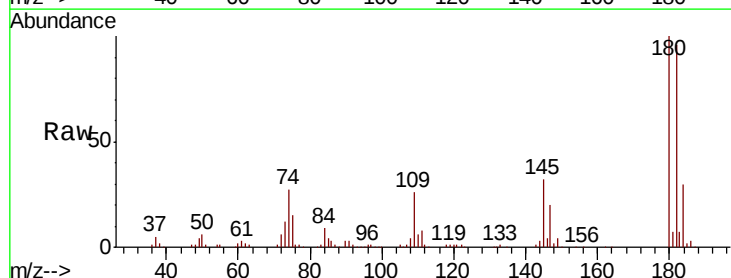


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

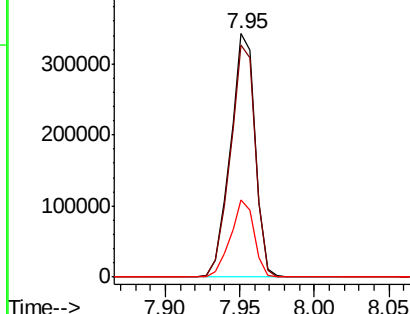
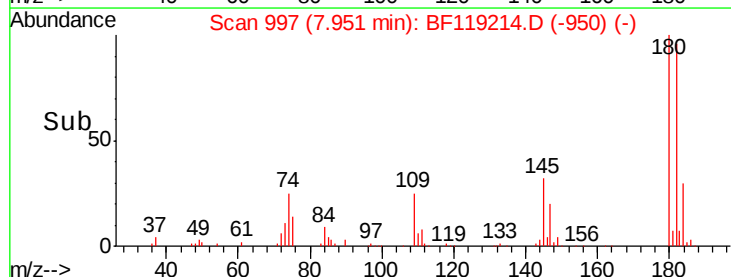


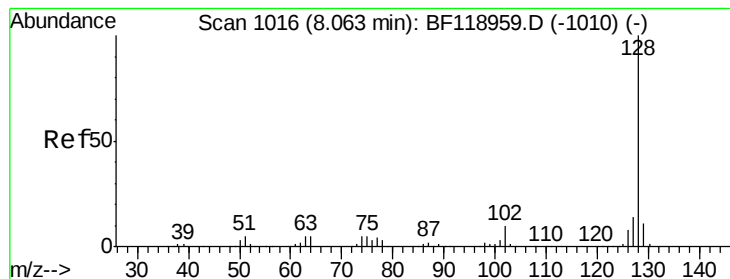
#30
1,2,4-Trichlorobenzene
Concen: 42.862 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Tgt Ion:180 Resp: 399801
Ion Ratio Lower Upper
180 100
182 95.5 77.8 116.6
145 31.5 25.2 37.8



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





#31

Naphthalene

Concen: 46.460 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.02 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

Instrument :

BNA_F

ClientSampleId :

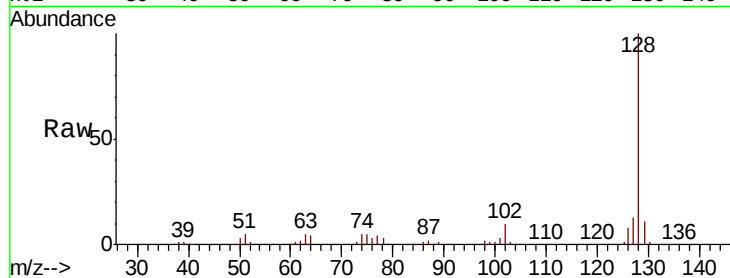
Tot Ion:128 Resp: 1195556

Ion Ratio Lower Upper

128 100

129 11.1 9.4 14.2

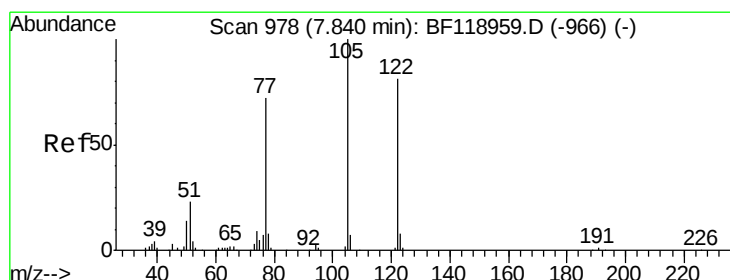
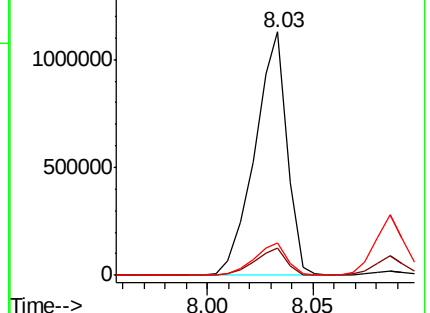
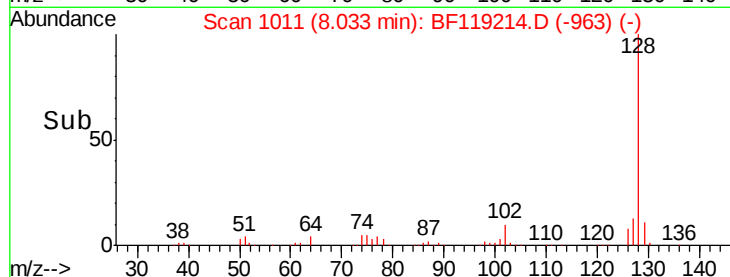
127 13.3 11.4 17.2



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: 43.087 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

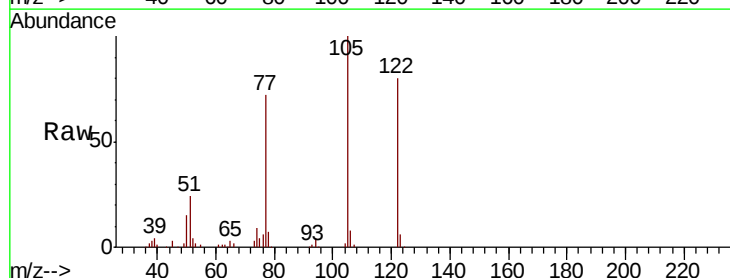
Tgt Ion:122 Resp: 206227

Ion Ratio Lower Upper

122 100

105 125.1 106.3 146.3

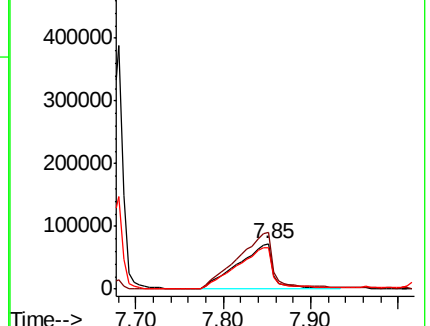
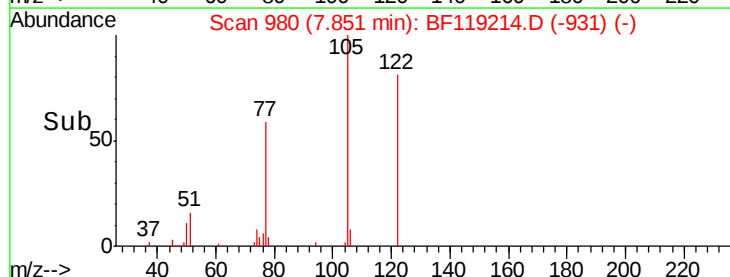
77 90.4 73.1 113.1

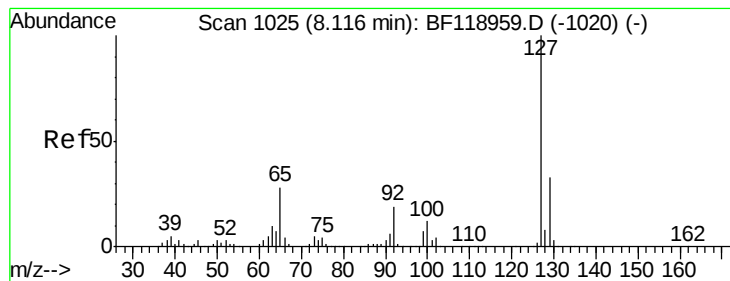


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 28.681 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 317444

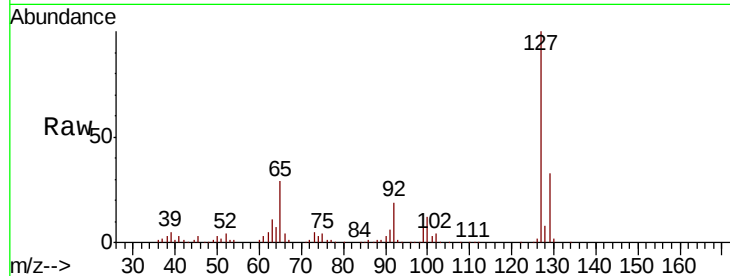
Ion Ratio Lower Upper

127 100

129 32.8 25.9 38.9

65 28.8 23.9 35.9

92 19.5 16.3 24.5

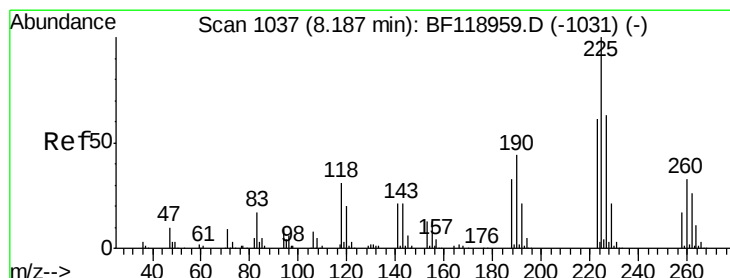
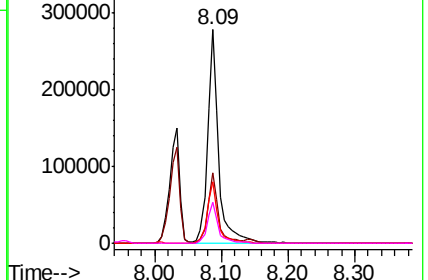
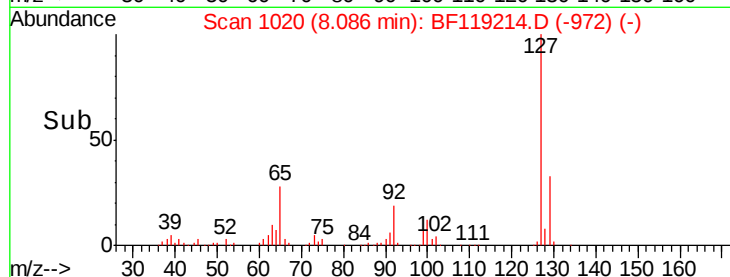


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 41.971 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

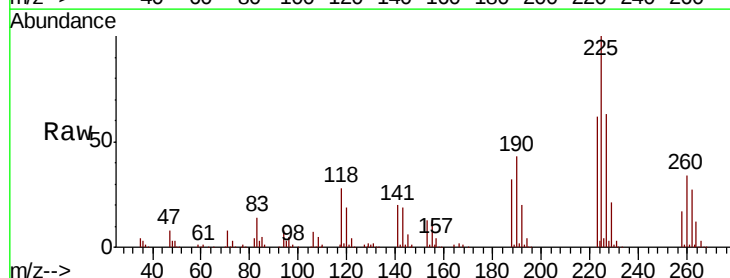
Tgt Ion:225 Resp: 243856

Ion Ratio Lower Upper

225 100

223 62.5 49.4 74.2

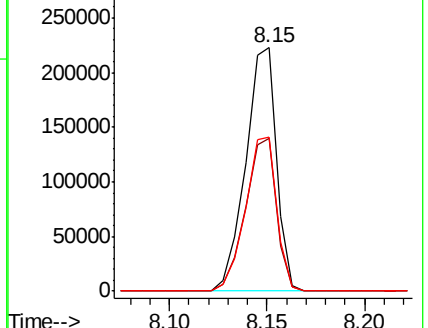
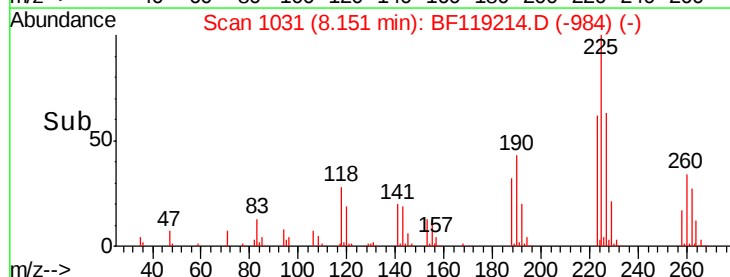
227 63.4 52.9 79.3

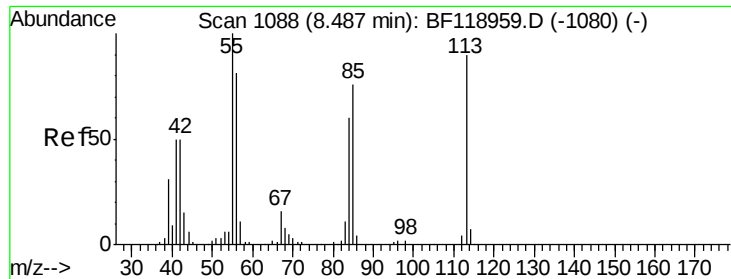


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

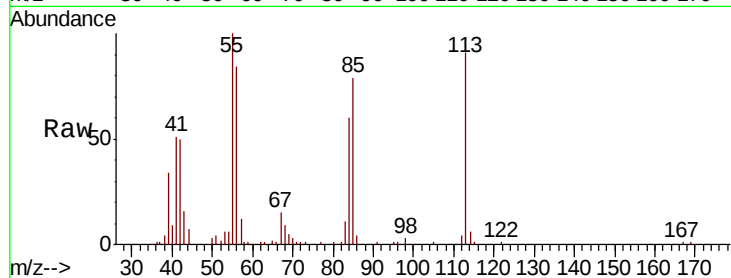




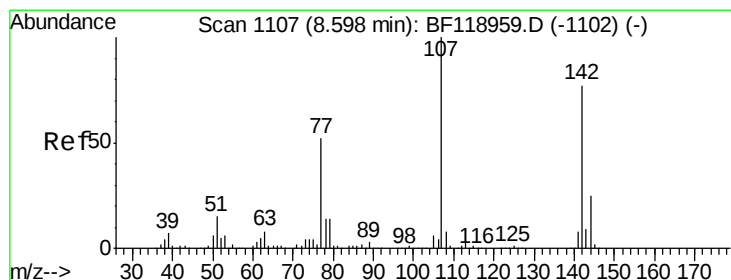
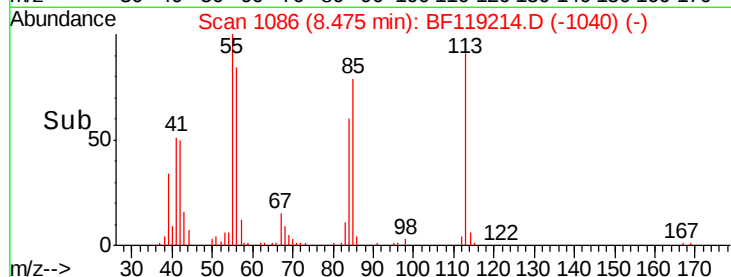
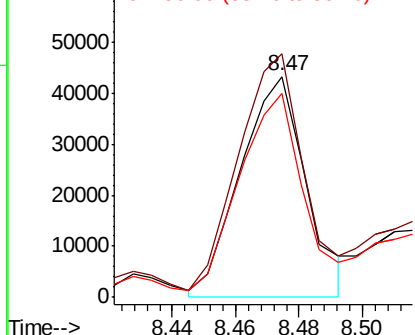
#35
Caprolactam
Concen: 25.502 ng
RT: 8.47 min Scan# 1086
Delta R.T. -0.03 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 61775
Ion Ratio Lower Upper
113 100
55 110.1 95.7 135.7
56 92.2 73.1 113.1

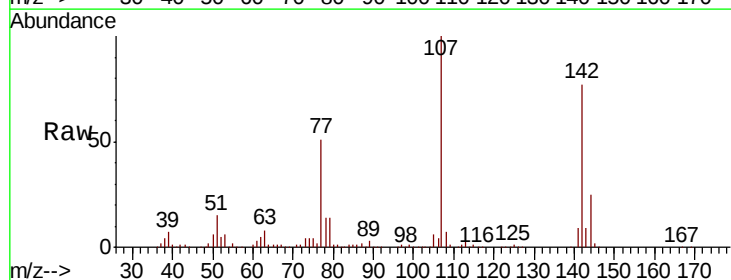


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

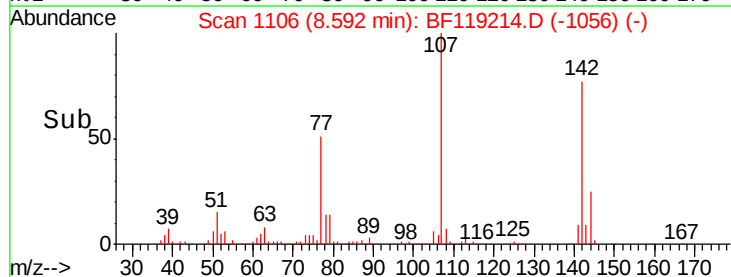
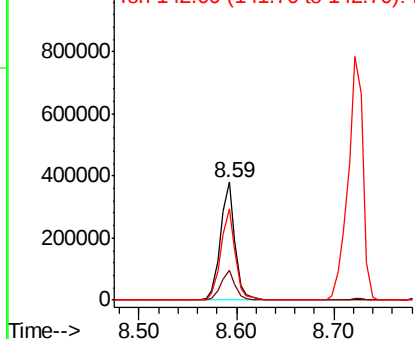


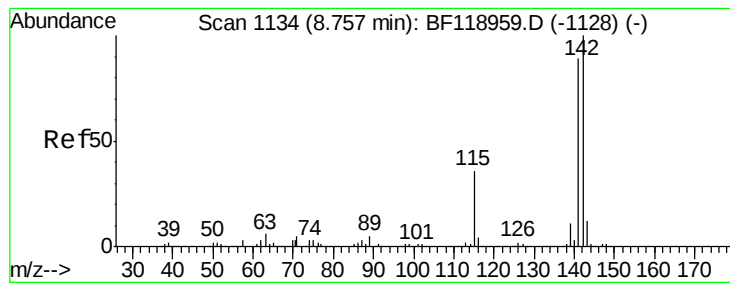
#36
4-Chloro-3-methylphenol
Concen: 49.564 ng
RT: 8.59 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Tgt Ion:107 Resp: 394618
Ion Ratio Lower Upper
107 100
144 25.0 20.1 30.1
142 77.4 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: 47.918 ng

RT: 8.72 min Scan# 1128

Delta R.T. -0.02 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

Instrument :

BNA_F

ClientSampleId :

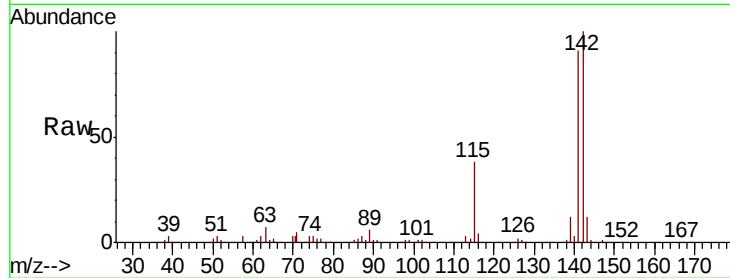
Tot Ion:142 Resp: 829810

Ion Ratio Lower Upper

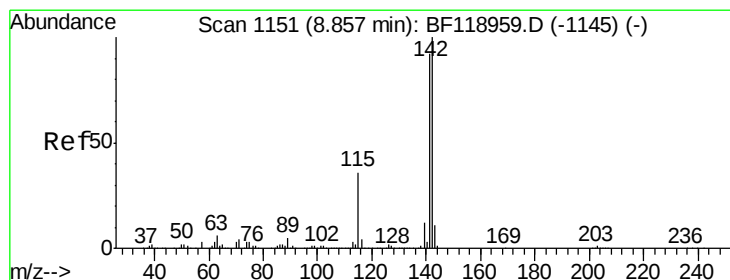
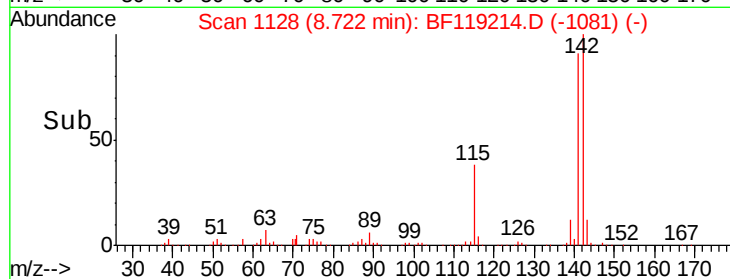
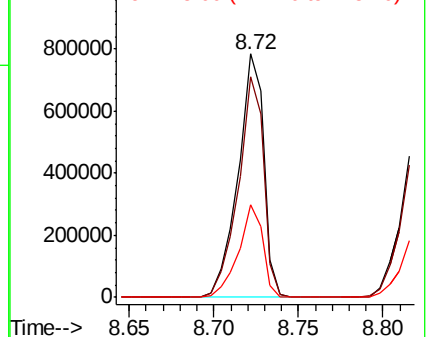
142 100

141 90.5 72.3 108.5

115 37.9 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: 47.670 ng

RT: 8.82 min Scan# 1145

Delta R.T. -0.02 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

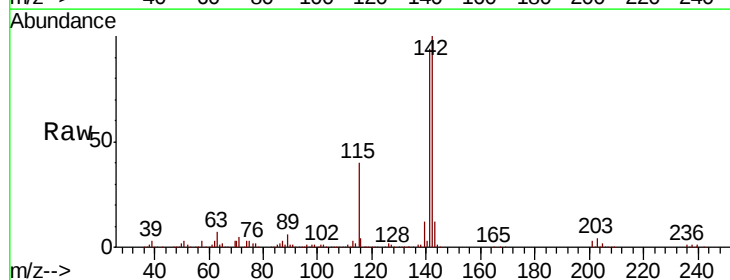
Tgt Ion:142 Resp: 776365

Ion Ratio Lower Upper

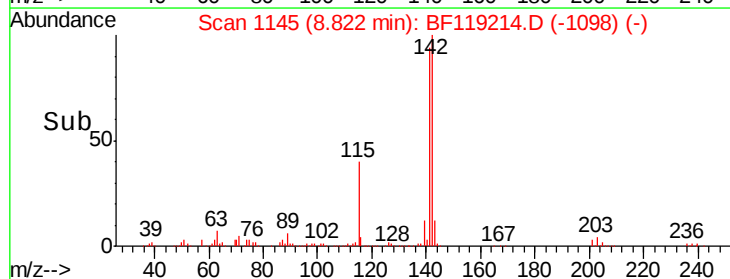
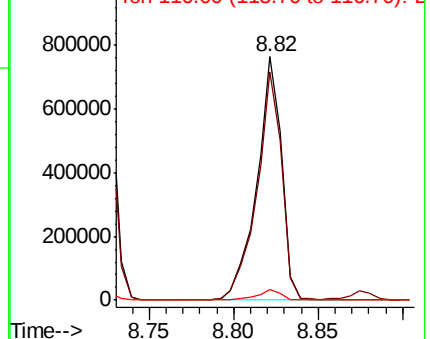
142 100

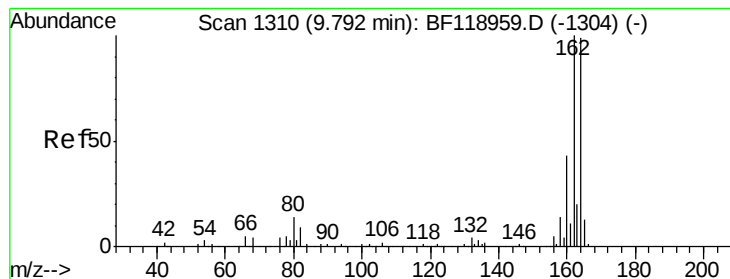
141 93.8 75.8 113.6

116 4.2 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. -0.02 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

Instrument :

BNA_F

ClientSampleId :

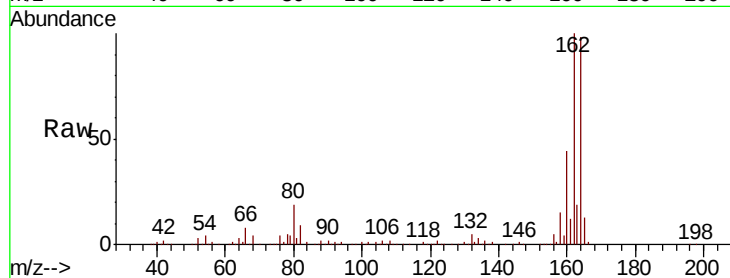
Tot Ion:164 Resp: 289158

Ion Ratio Lower Upper

164 100

162 102.3 81.8 122.8

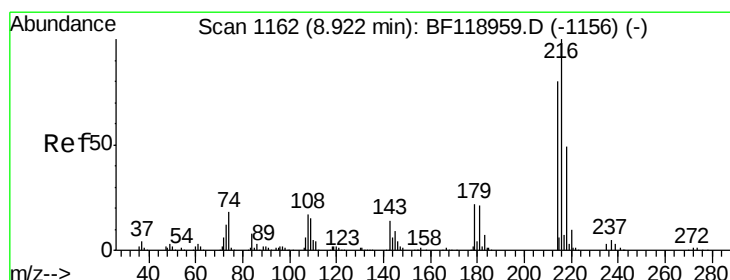
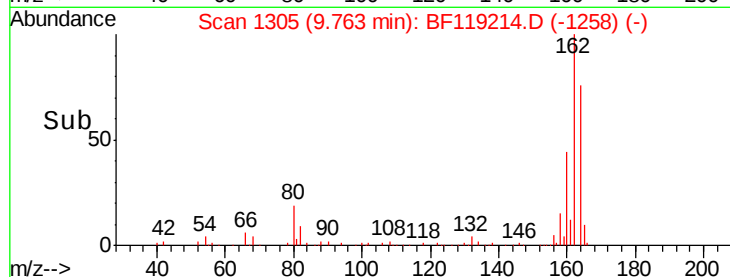
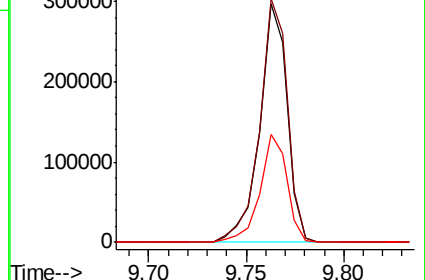
160 45.2 36.0 54.0



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: 42.419 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

Tgt Ion:216 Resp: 413555

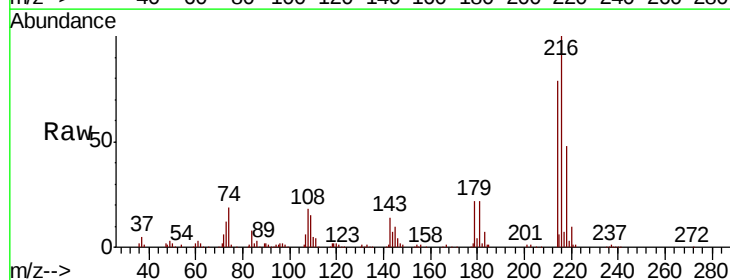
Ion Ratio Lower Upper

216 100

214 78.5 63.3 94.9

179 21.6 17.7 26.5

108 18.3 13.9 20.9

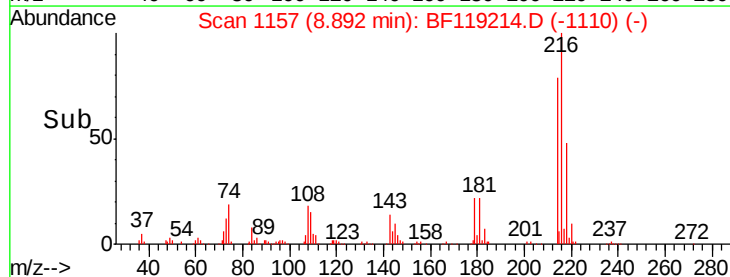
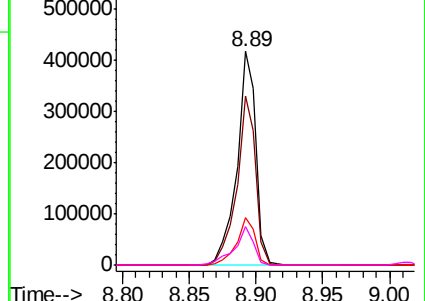


Abundance Ion 216.00 (215.70 to 216.70): E

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

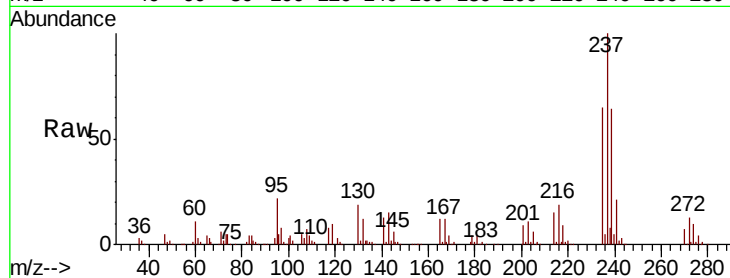




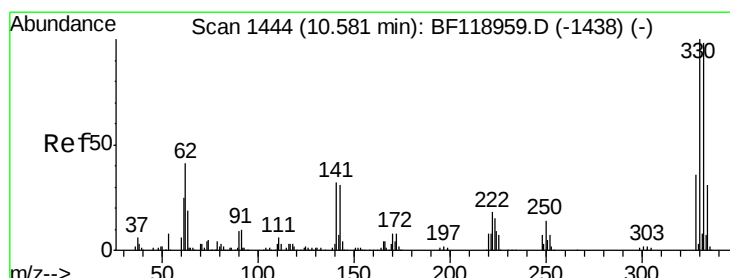
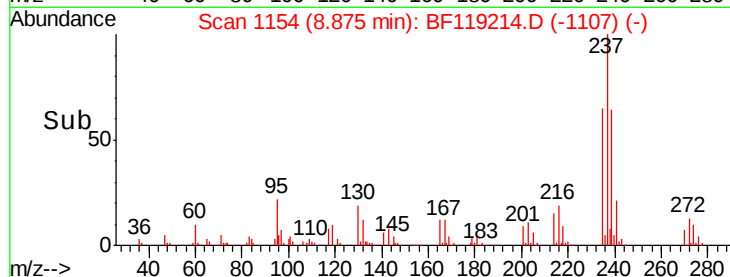
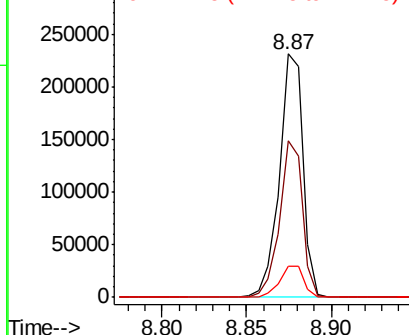
#41
Hexachlorocyclopentadiene
Concen: 65.322 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 224876
Ion Ratio Lower Upper
237 100
235 64.6 42.3 82.3
272 12.5 0.0 33.5

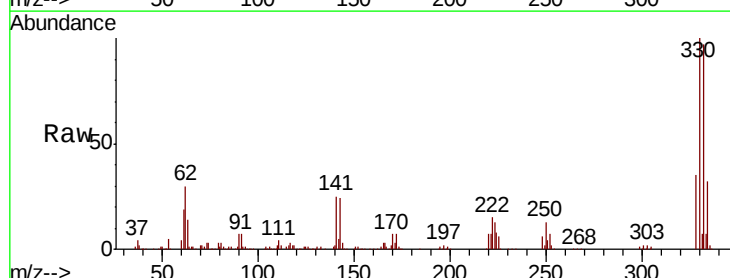


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

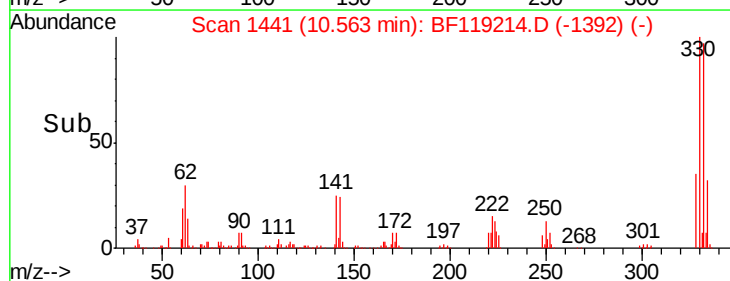
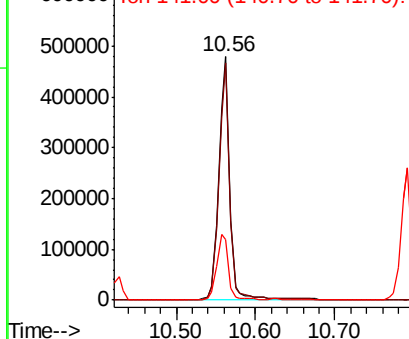


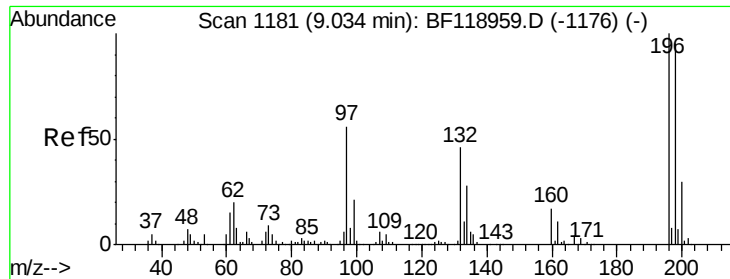
#42
2,4,6-Tribromophenol
Concen: 121.994 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Tgt Ion:330 Resp: 461462
Ion Ratio Lower Upper
330 100
332 96.6 76.0 114.0
141 28.9 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

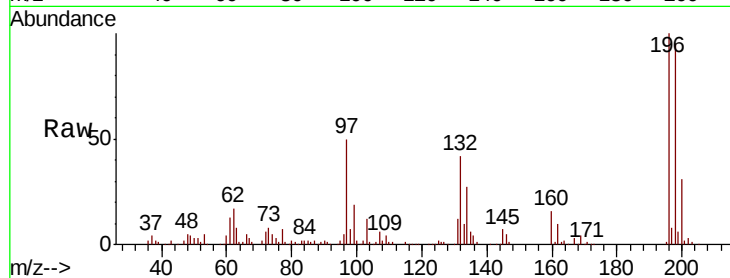




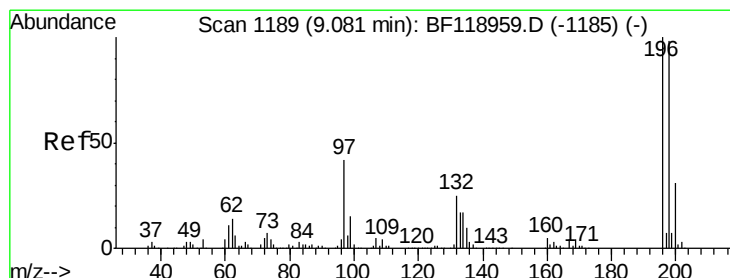
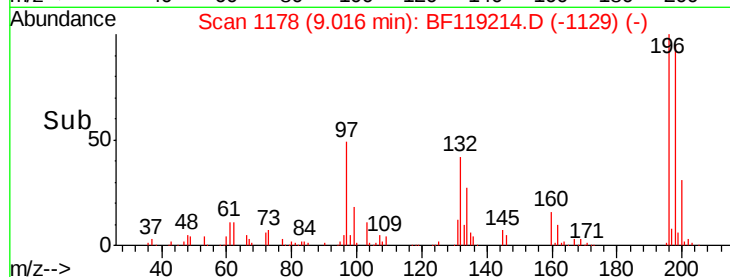
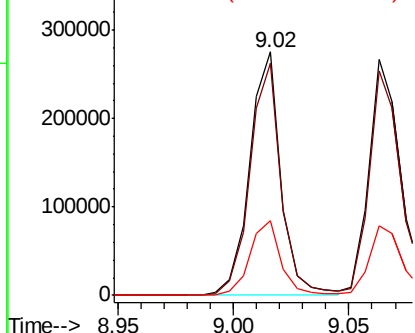
#43
 2,4,6-Trichlorophenol
 Concen: 42.285 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF119214.D
 Acq: 5 Mar 2020 14:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 260333
 Ion Ratio Lower Upper
 196 100
 198 95.1 77.1 115.7
 200 30.8 25.0 37.6

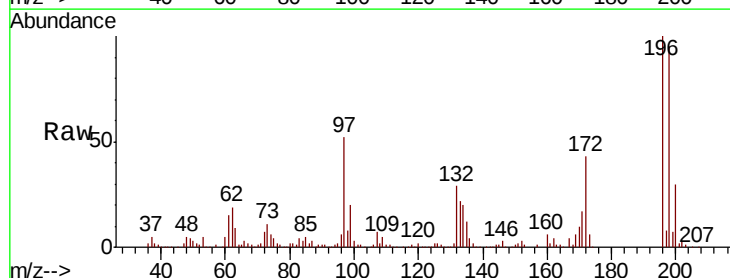


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

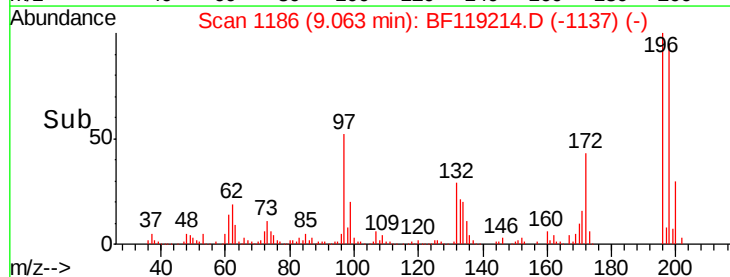
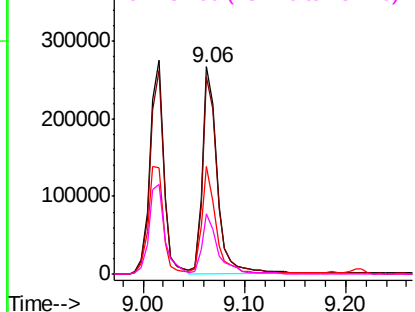


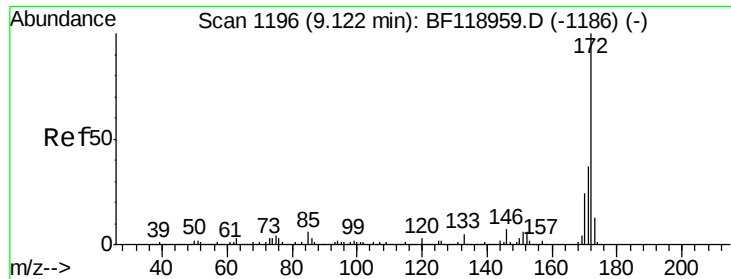
#44
 2,4,5-Trichlorophenol
 Concen: 42.053 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF119214.D
 Acq: 5 Mar 2020 14:58

Tgt Ion:196 Resp: 271681
 Ion Ratio Lower Upper
 196 100
 198 95.2 76.8 115.2
 97 51.9 38.5 57.7
 132 29.2 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



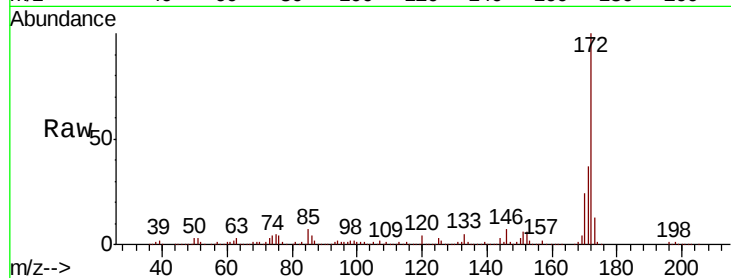


#45
 2-Fluorobiphenyl
 Concen: 74.771 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BF119214.D
 Acq: 5 Mar 2020 14:58

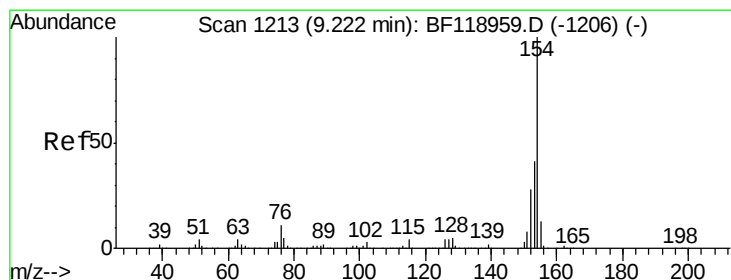
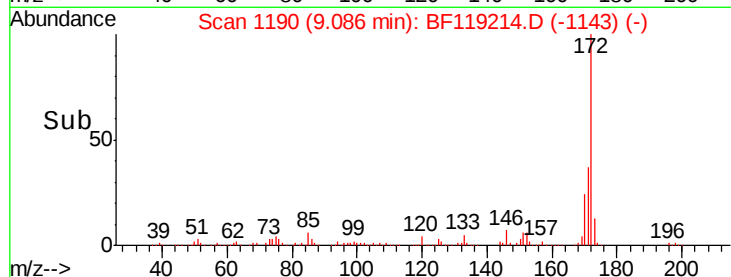
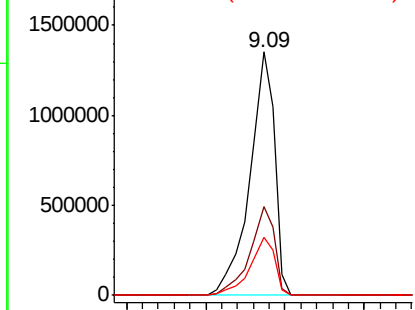
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1467617

Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.6	45.8
170	24.0	20.2	30.2



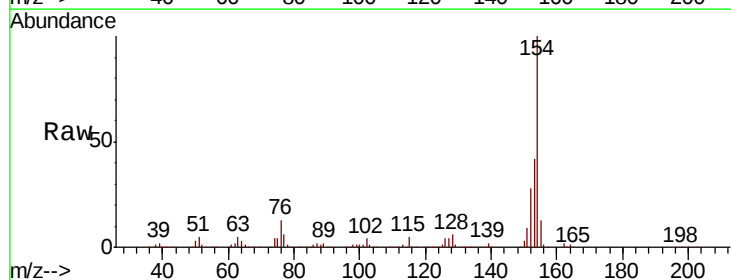
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



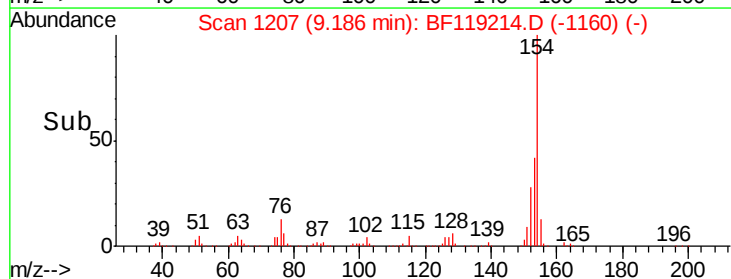
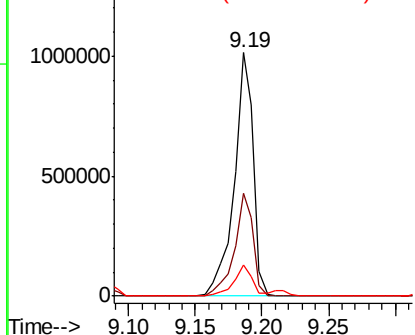
#46
 1,1'-Biphenyl
 Concen: 43.231 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF119214.D
 Acq: 5 Mar 2020 14:58

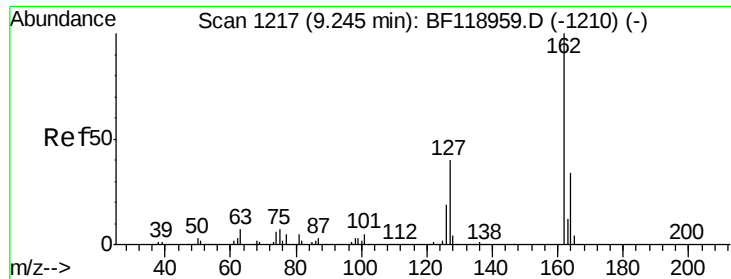
Tgt Ion:154 Resp: 1010296

Ion	Ratio	Lower	Upper
154	100		
153	42.1	22.8	62.8
76	12.8	0.0	32.2



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

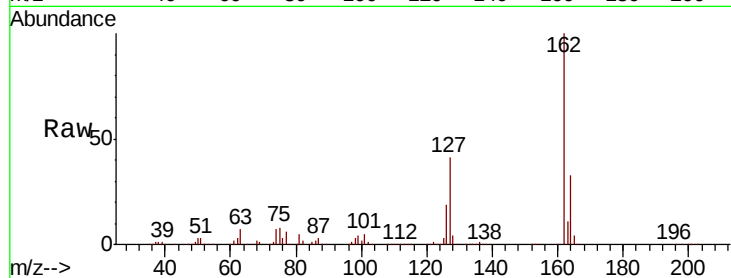




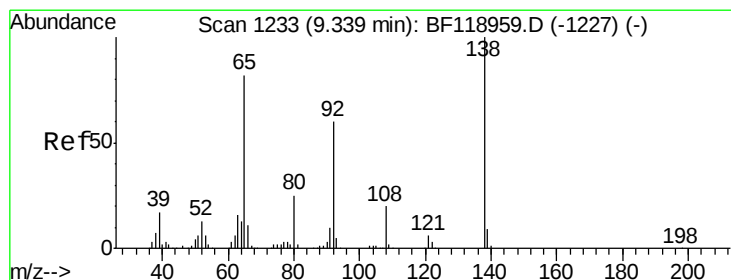
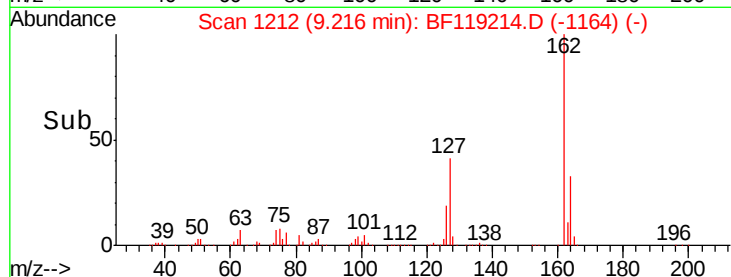
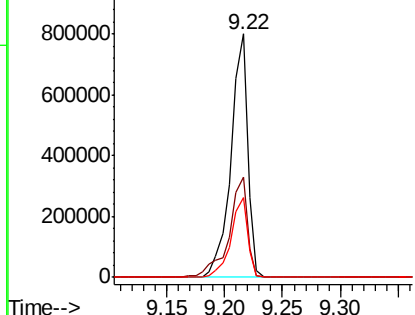
#47
 2-Chloronaphthalene
 Concen: 42.782 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.02 min
 Lab File: BF119214.D
 Acq: 5 Mar 2020 14:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 805703
 Ion Ratio Lower Upper
 162 100
 127 41.0 35.0 52.4
 164 33.0 27.2 40.8

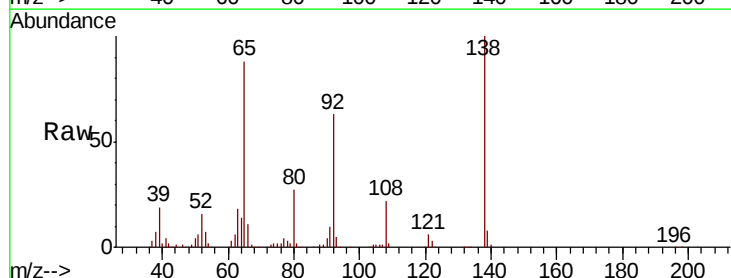


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

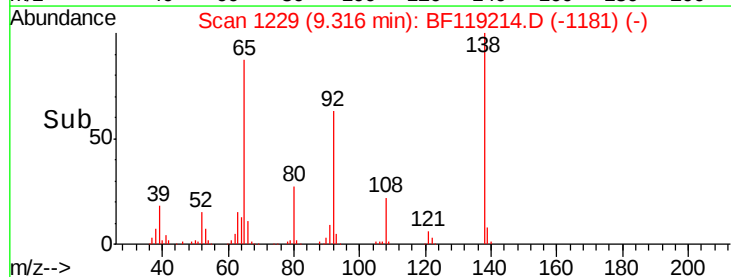
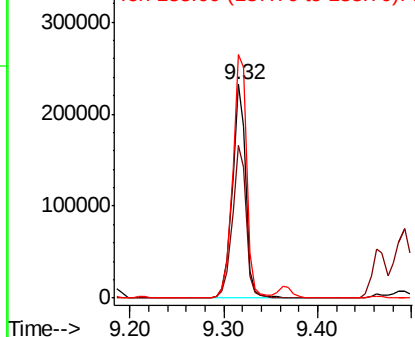


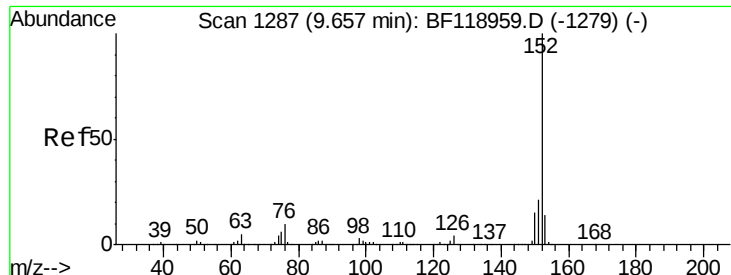
#48
 2-Nitroaniline
 Concen: 44.030 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.02 min
 Lab File: BF119214.D
 Acq: 5 Mar 2020 14:58

Tgt Ion: 65 Resp: 231281
 Ion Ratio Lower Upper
 65 100
 92 71.7 58.2 87.2
 138 113.9 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: 45.351 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

Instrument :

BNA_F

ClientSampleId :

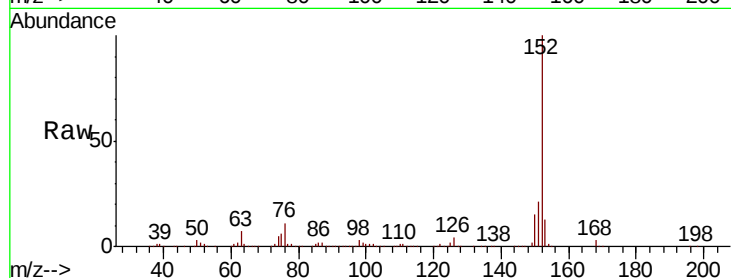
Tot Ion:152 Resp: 1233533

Ion Ratio Lower Upper

152 100

151 20.7 16.9 25.3

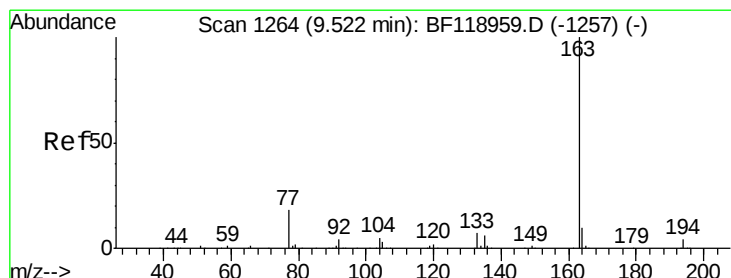
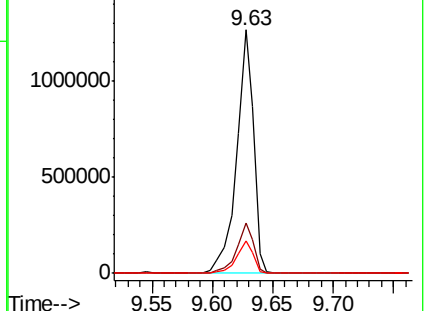
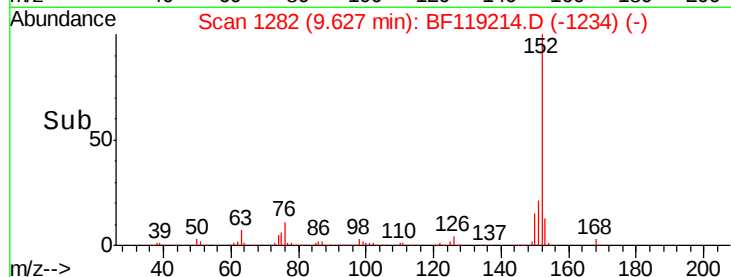
153 13.4 11.0 16.6



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: 45.212 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

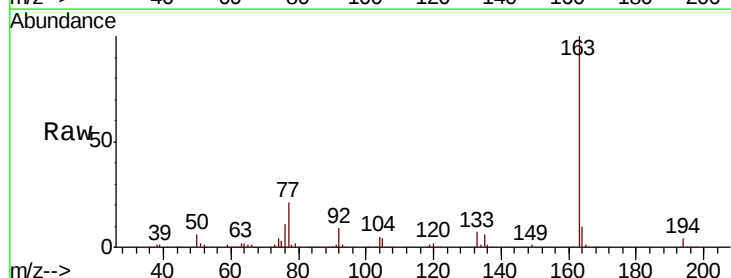
Tgt Ion:163 Resp: 999696

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

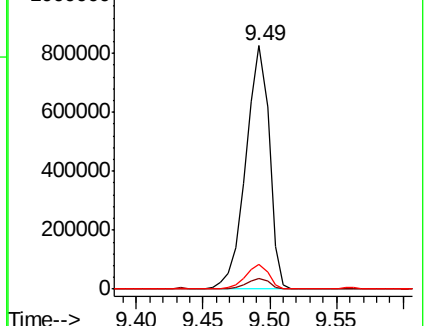
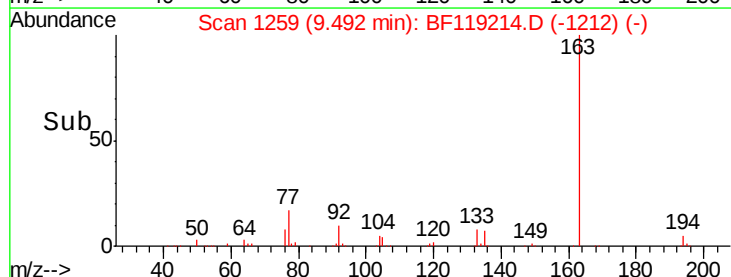
164 10.3 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

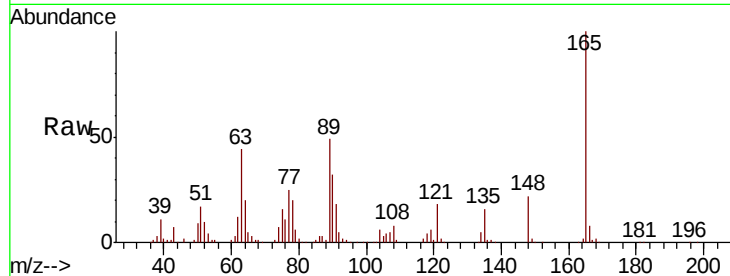




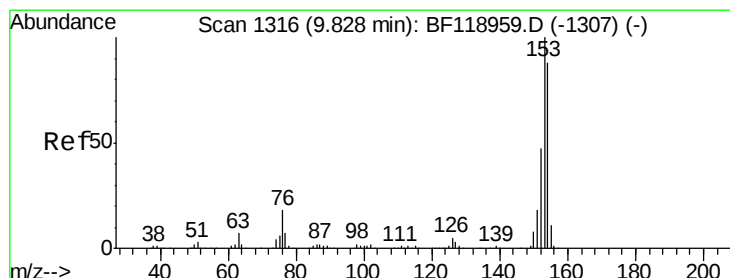
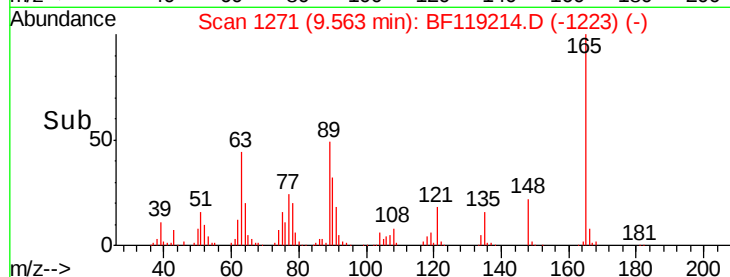
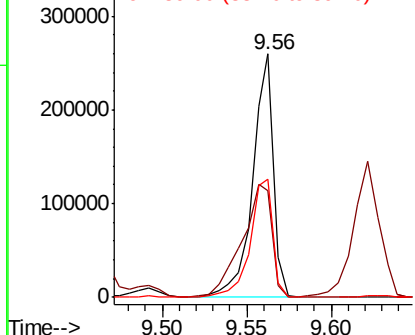
#51
 2,6-Dinitrotoluene
 Concen: 45.677 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.02 min
 Lab File: BF119214.D
 Acq: 5 Mar 2020 14:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.8	34.3	51.5
89	48.8	38.3	57.5

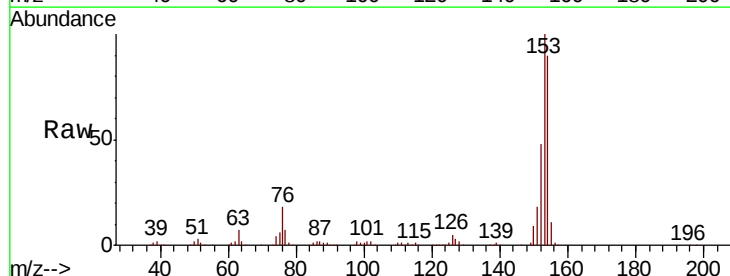


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

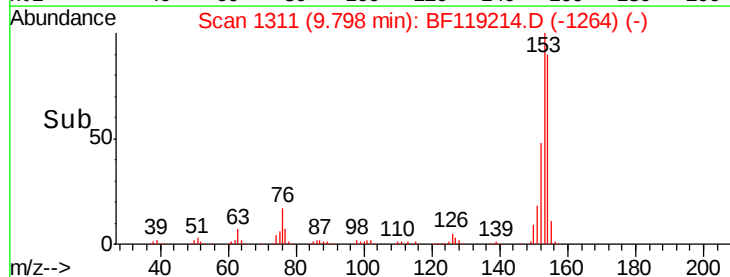
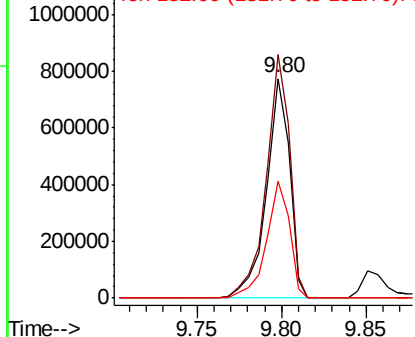


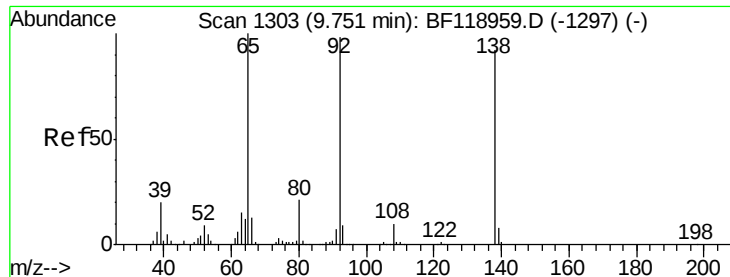
#52
 Acenaphthene
 Concen: 44.890 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.02 min
 Lab File: BF119214.D
 Acq: 5 Mar 2020 14:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.0	90.3	135.5
152	53.3	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

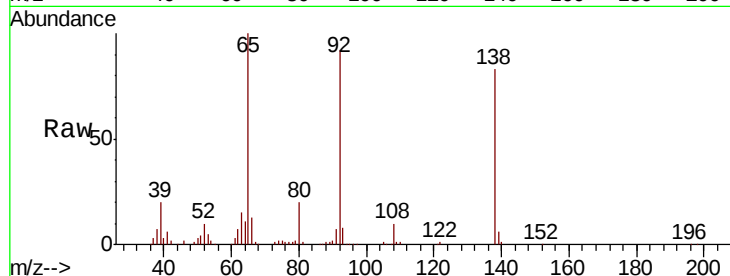




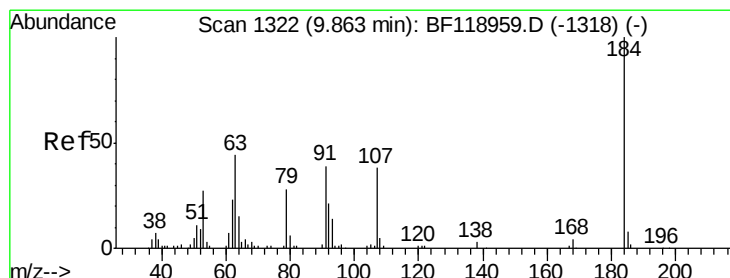
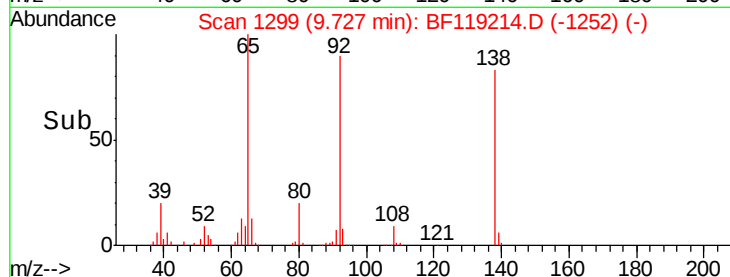
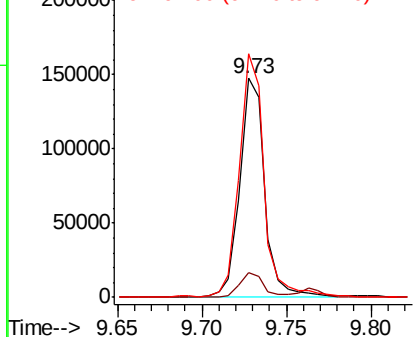
#53
3-Nitroaniline
Concen: 27.885 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 151866
Ion Ratio Lower Upper
138 100
108 11.6 8.8 13.2
92 111.3 84.8 127.2

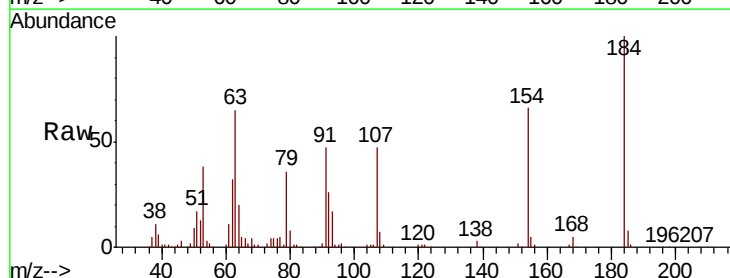


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

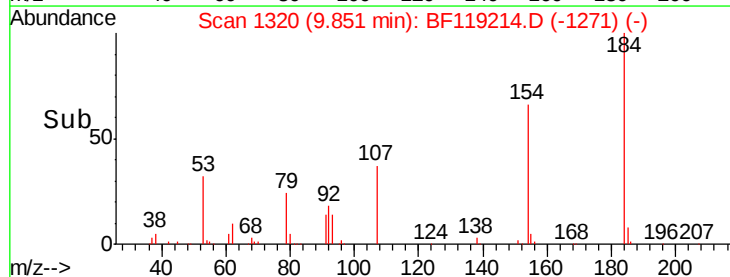
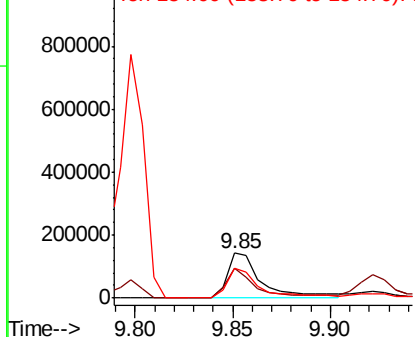


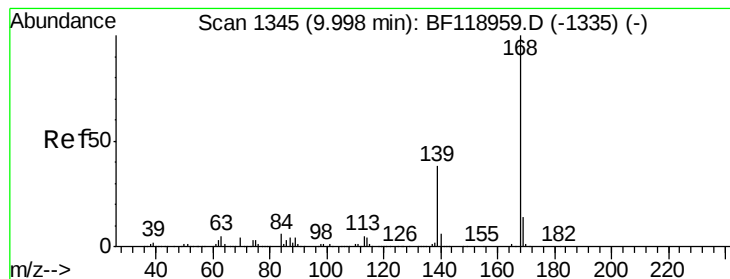
#54
2,4-Dinitrophenol
Concen: 74.554 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Tgt Ion:184 Resp: 176665
Ion Ratio Lower Upper
184 100
63 64.9 38.7 58.1#
154 66.1 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

Dibenzofuran

Concen: 44.062 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

Instrument :

BNA_F

ClientSampled :

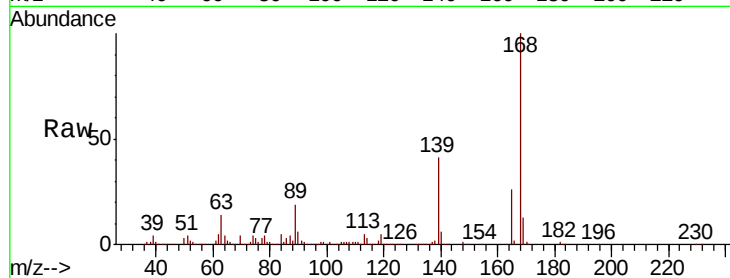
Tot Ion:168 Resp: 1078639

Ion Ratio Lower Upper

168 100

139 40.6 34.0 51.0

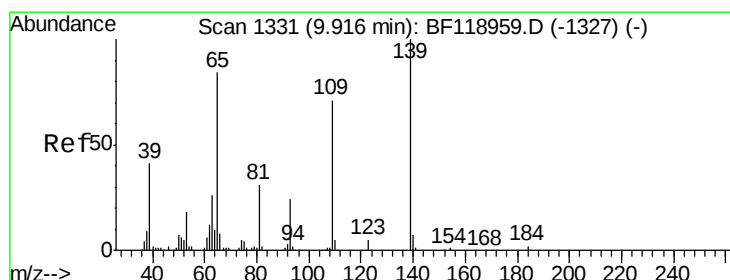
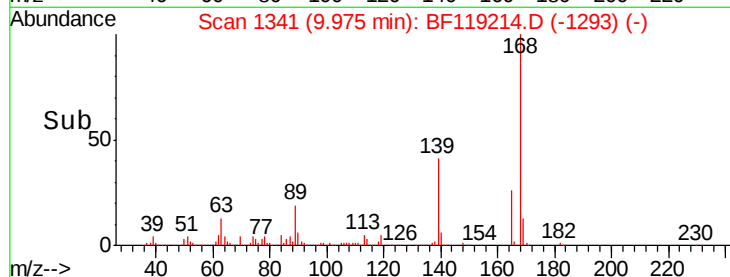
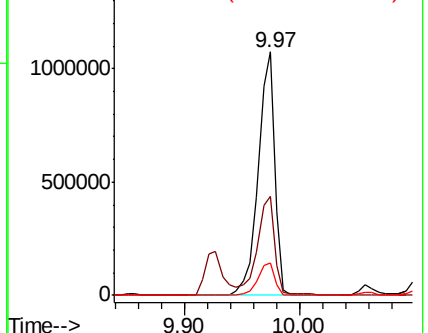
169 13.2 11.0 16.4



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: 66.305 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

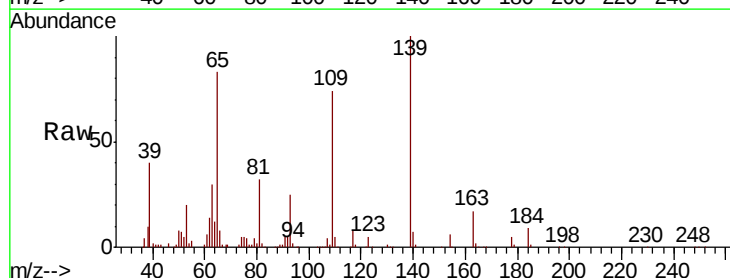
Tgt Ion:139 Resp: 216958

Ion Ratio Lower Upper

139 100

109 73.8 56.7 96.7

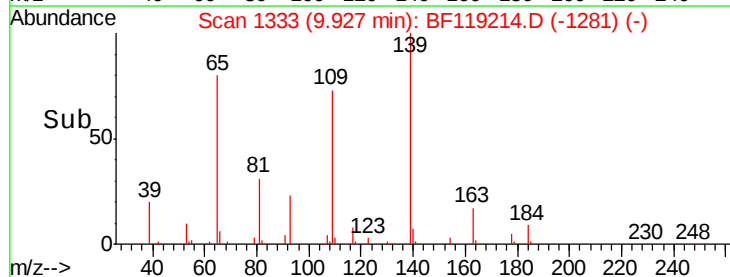
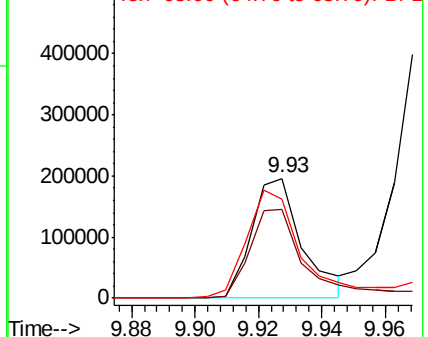
65 82.9 65.0 105.0

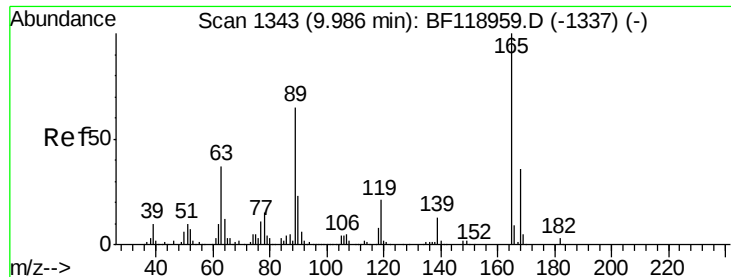


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

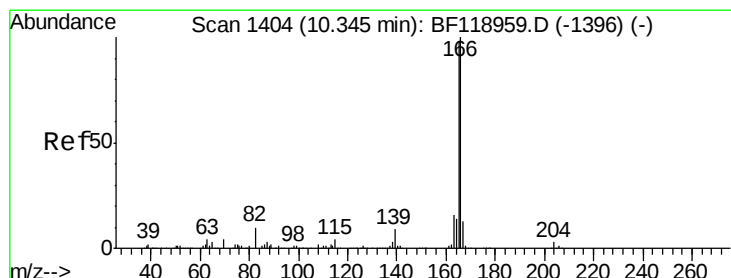
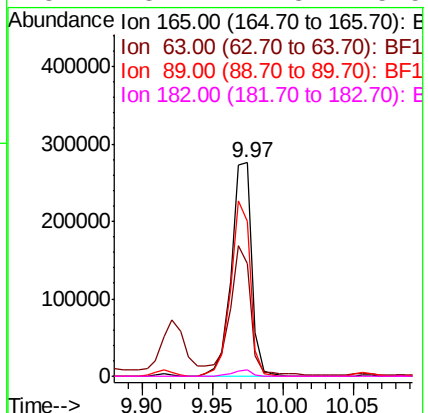
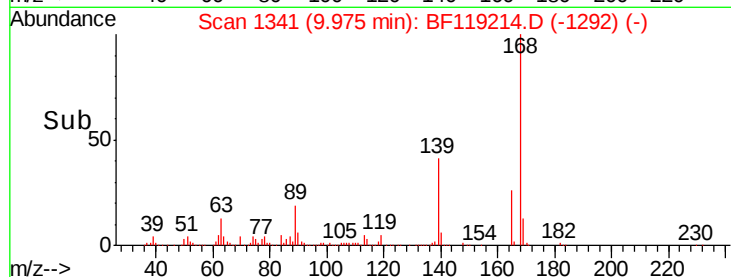
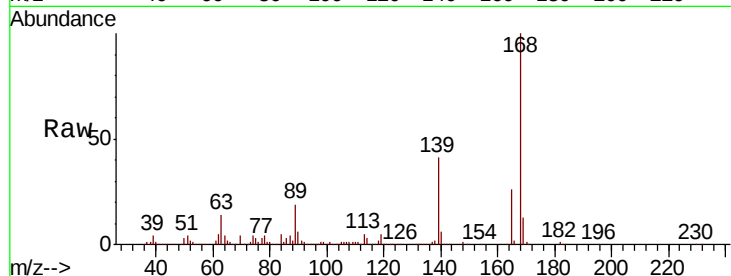




#57
2,4-Dinitrotoluene
Concen: 43.515 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

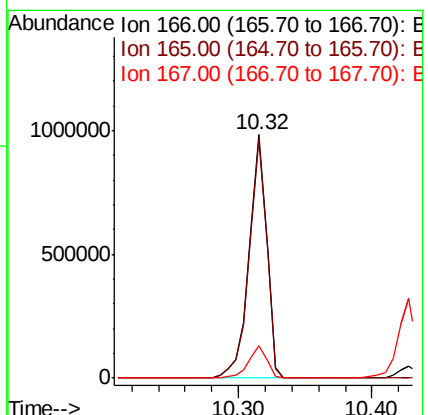
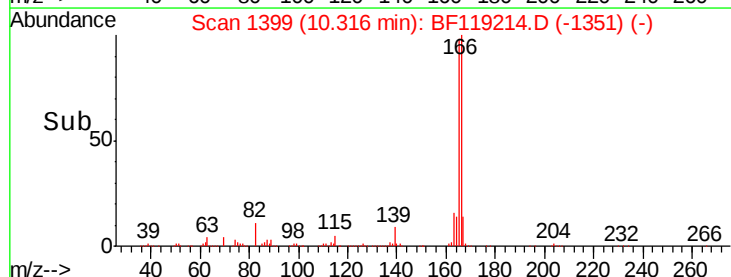
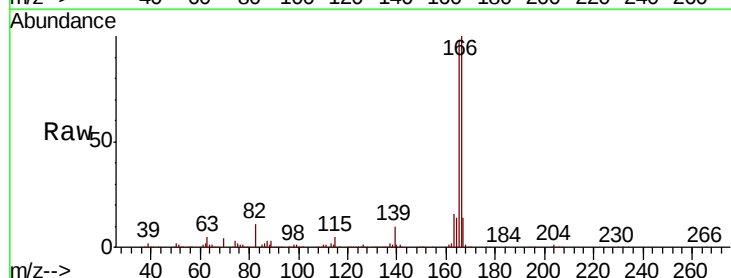
Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 277084
Ion Ratio Lower Upper
165 100
63 52.8 42.3 63.5
89 72.3 60.2 90.4
182 3.2 2.3 3.5



#58
Fluorene
Concen: 46.604 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Tgt Ion:166 Resp: 886529
Ion Ratio Lower Upper
166 100
165 98.2 78.5 117.7
167 13.5 11.0 16.4

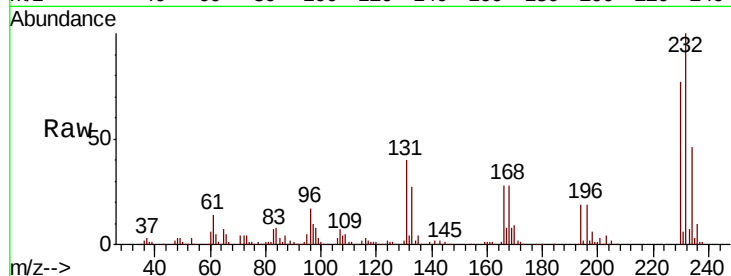




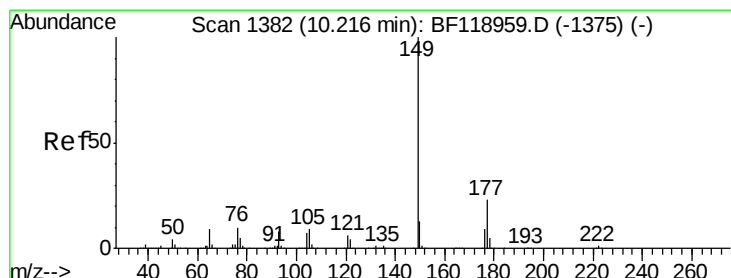
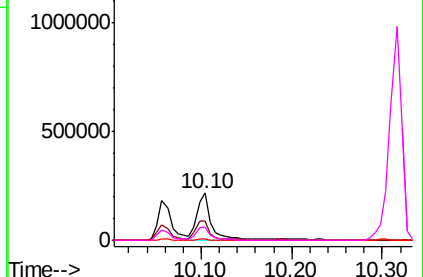
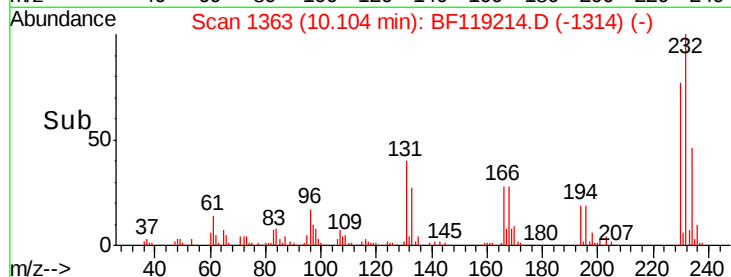
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.609 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: BF119214.D
 Acq: 5 Mar 2020 14:58

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:	232	Resp:	232274
Ion	Ratio	Lower	Upper
232	100		
131	44.1	33.8	50.8
130	2.2	1.8	2.6
166	29.1	23.0	34.4

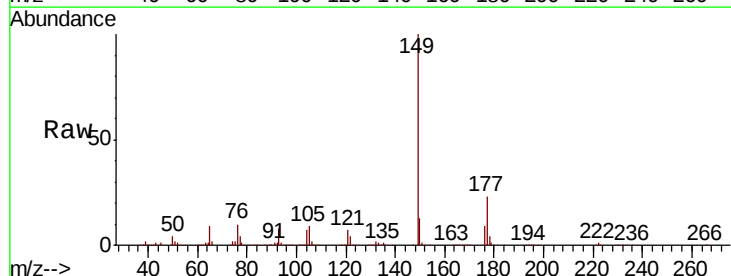


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

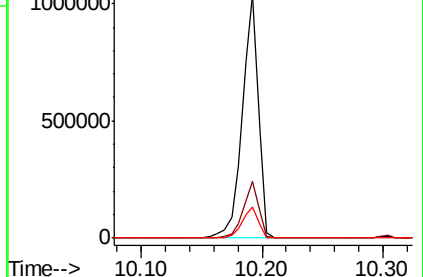
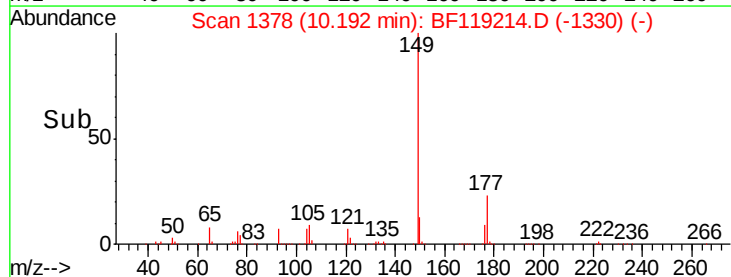


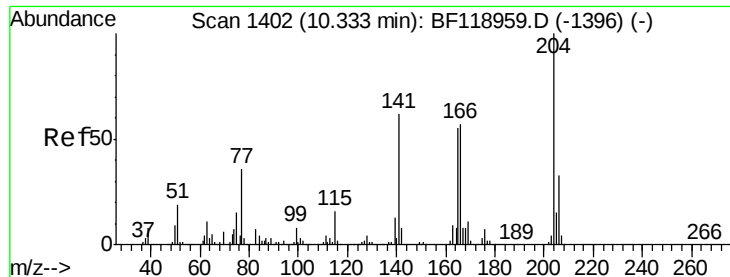
#60
 Diethylphthalate
 Concen: 46.094 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. -0.02 min
 Lab File: BF119214.D
 Acq: 5 Mar 2020 14:58

Tgt Ion:	149	Resp:	960465
Ion	Ratio	Lower	Upper
149	100		
177	23.1	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

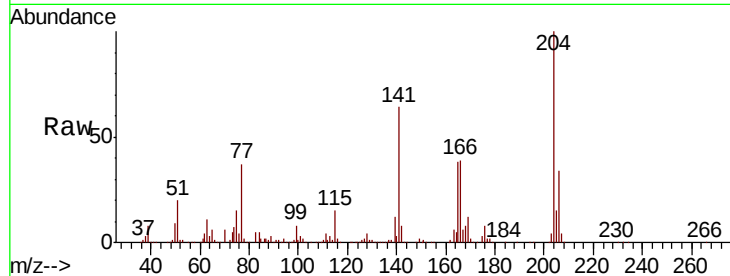




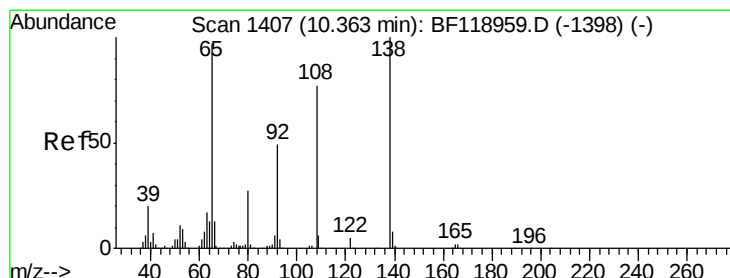
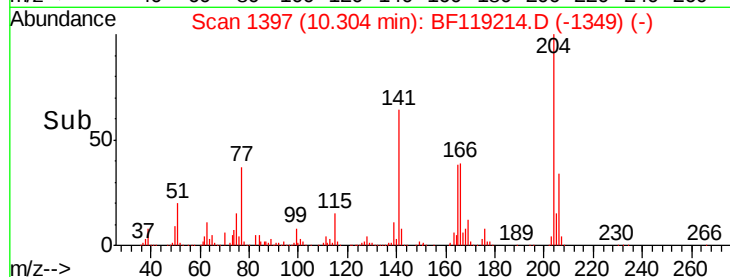
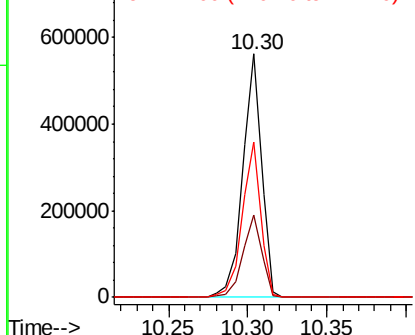
#61
4-Chlorophenyl-phenylether
Concen: 45.969 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	27.1	40.7
141	63.8	52.9	79.3

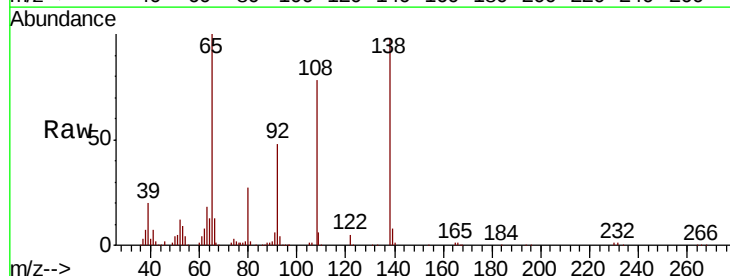


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

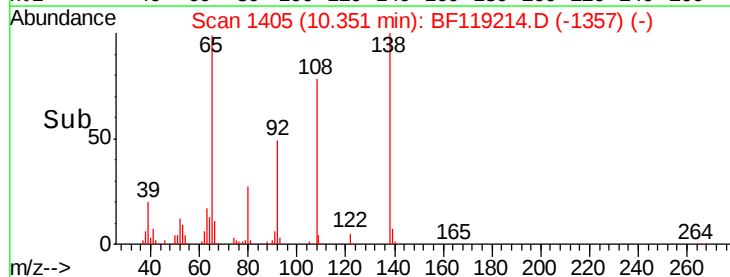
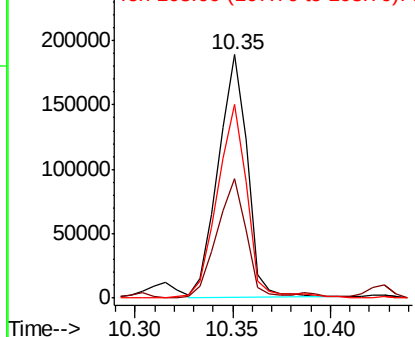


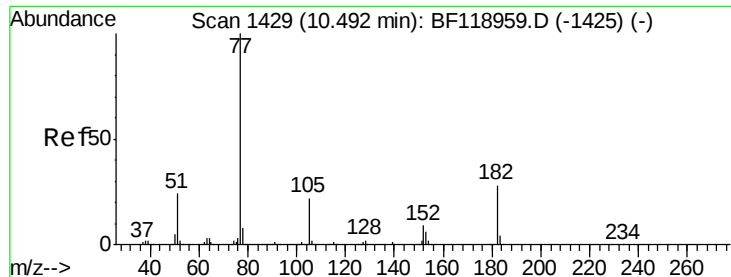
#62
4-Nitroaniline
Concen: 35.091 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.3	27.3	67.3
108	79.3	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

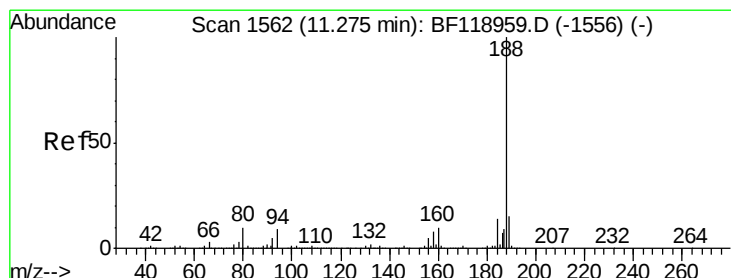
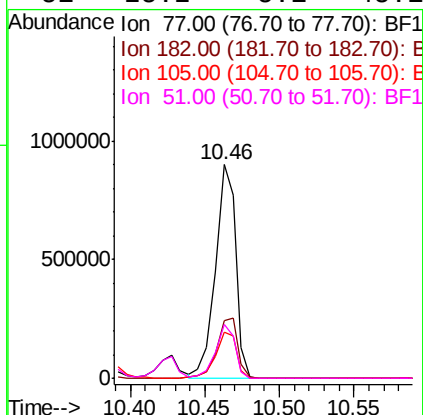
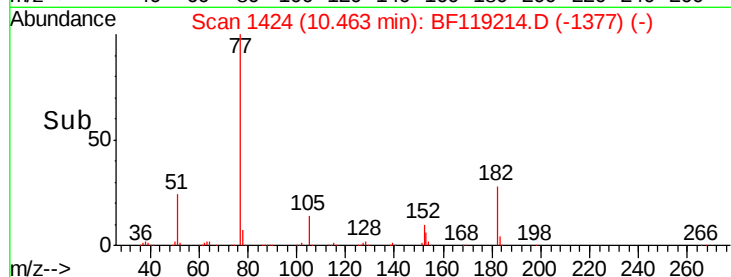
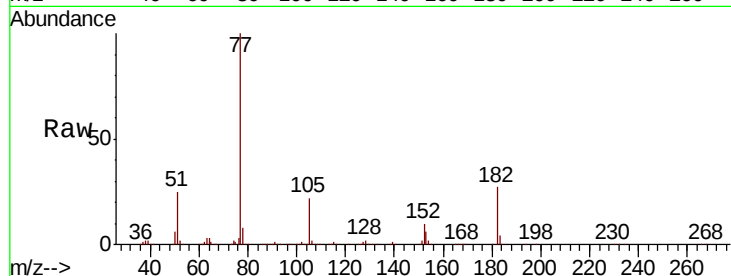




#63
Azobenzene
Concen: 47.256 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

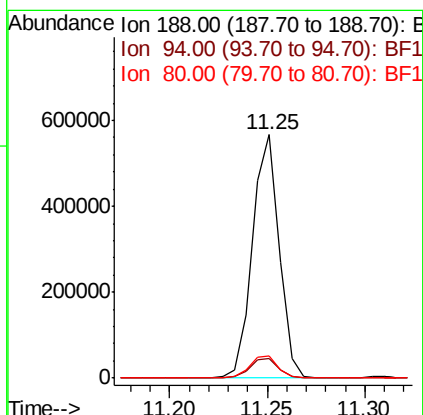
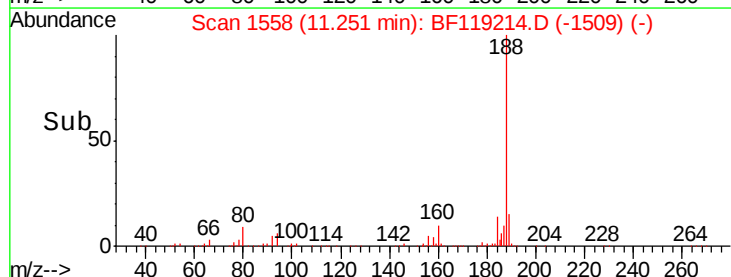
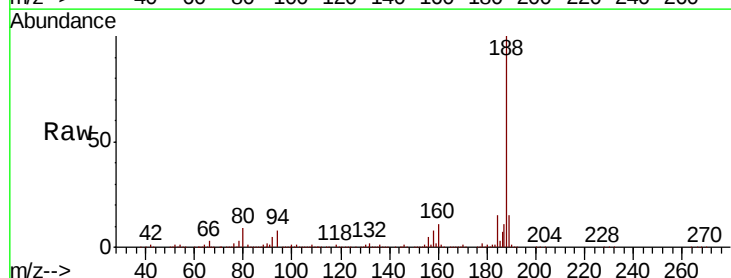
Instrument :
BNA_F
ClientSampleId :

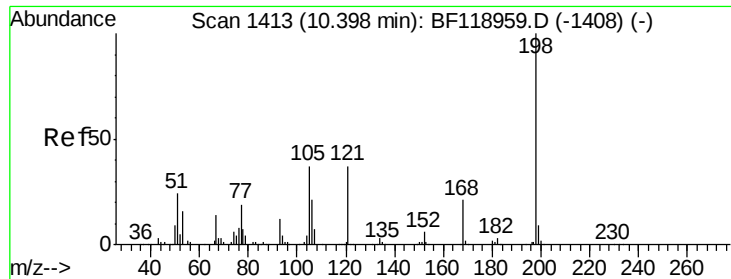
Tot Ion	Ion	Ratio	Lower	Upper
77	77	100		
182	182	26.7	11.4	51.4
105	105	21.7	3.4	43.4
51	51	25.2	5.1	45.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Tgt Ion	Ion	Ratio	Lower	Upper
188	188	100		
94	94	8.2	7.1	10.7
80	80	9.0	7.8	11.8





#65

4,6-Dinitro-2-methylphenol

Concen: 48.389 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

Instrument :

BNA_F

ClientSampled :

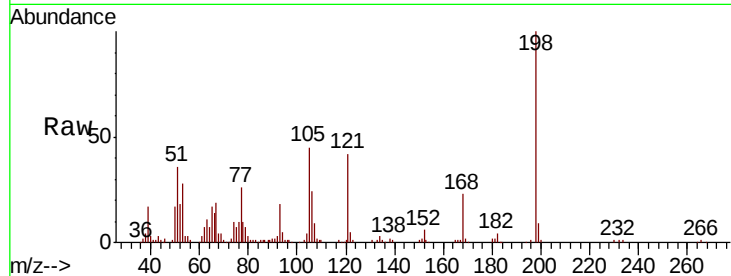
Tot Ion:198 Resp: 157175

Ion Ratio Lower Upper

198 100

51 36.4 14.2 54.2

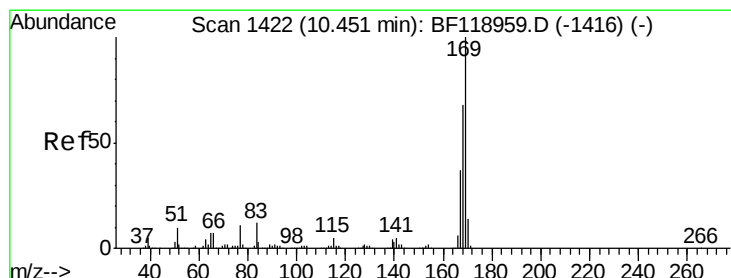
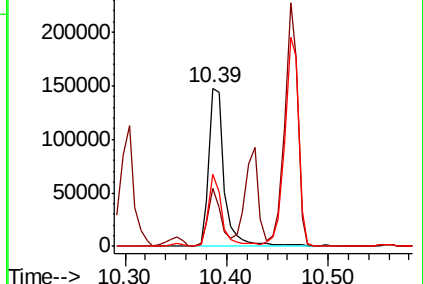
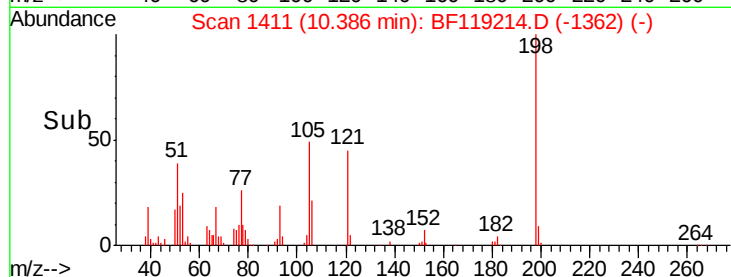
105 45.3 22.7 62.7



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: 45.571 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.02 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

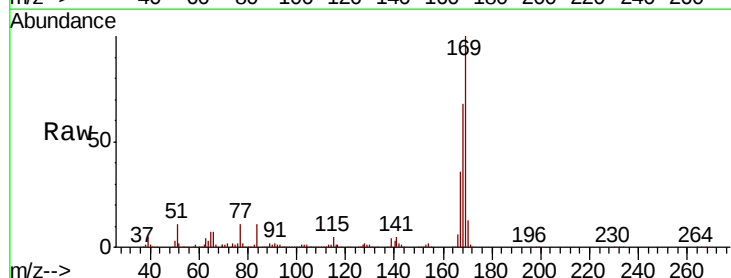
Tgt Ion:169 Resp: 800973

Ion Ratio Lower Upper

169 100

168 67.5 54.1 81.1

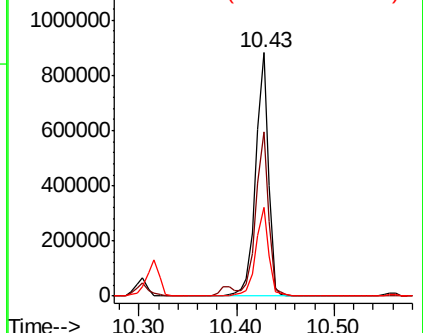
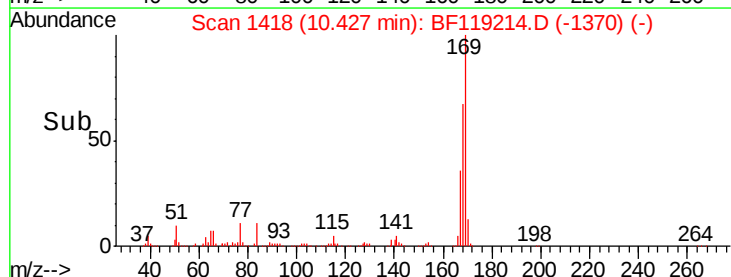
167 36.3 29.4 44.0

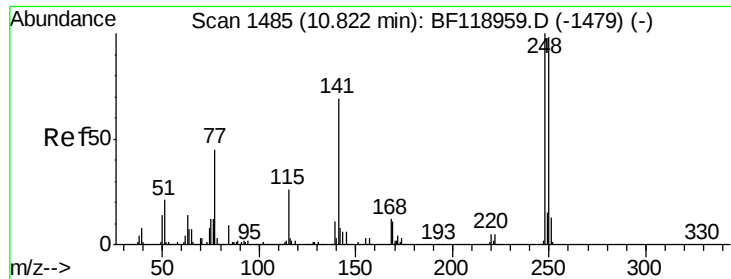


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

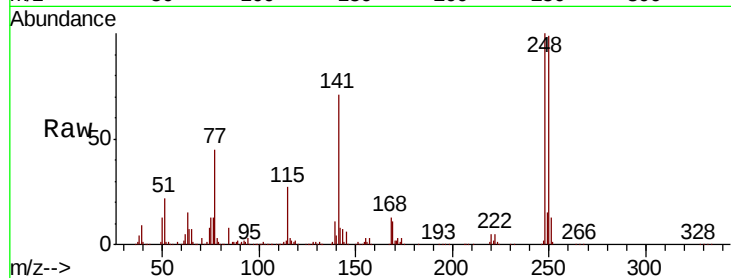




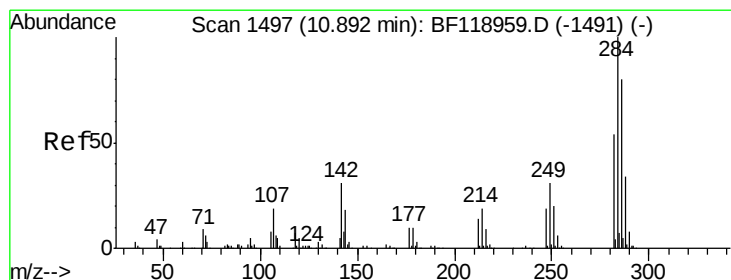
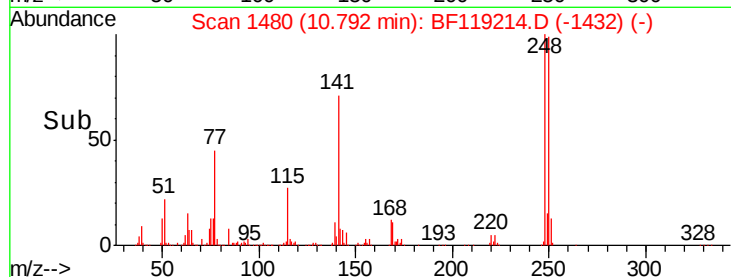
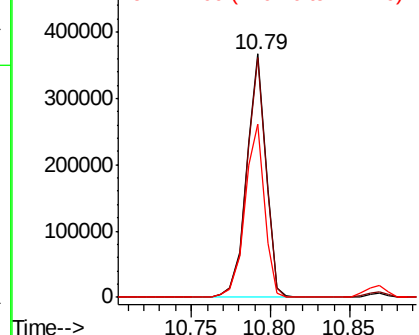
#67
4-Bromophenyl-phenylether
Concen: 43.735 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 306867
Ion Ratio Lower Upper
248 100
250 98.7 76.7 115.1
141 71.1 60.7 91.1

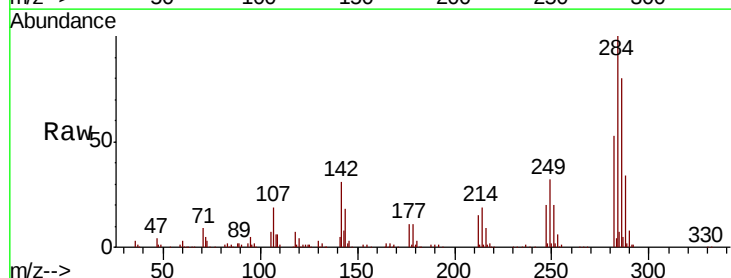


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

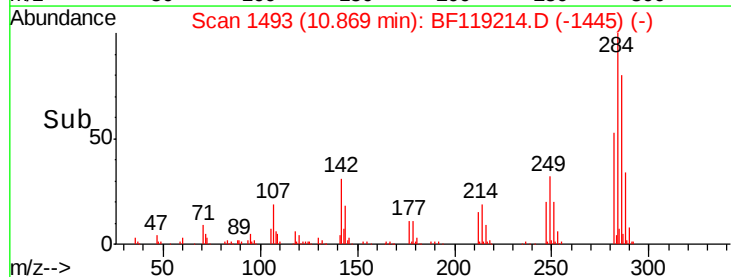
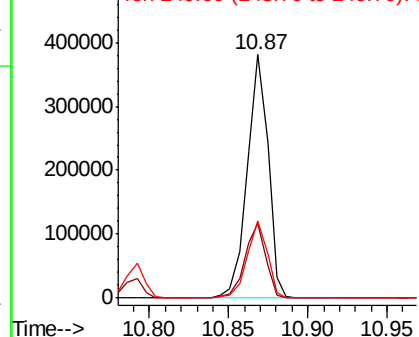


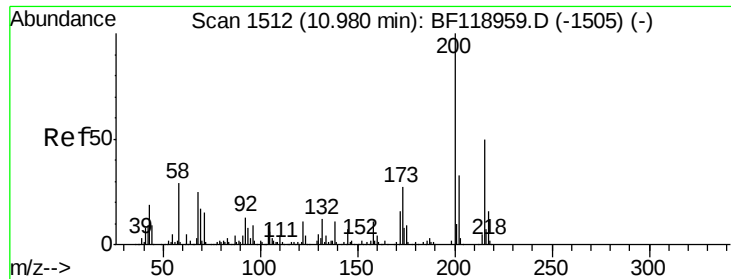
#68
Hexachlorobenzene
Concen: 42.923 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Tgt Ion:284 Resp: 347235
Ion Ratio Lower Upper
284 100
142 30.7 23.7 35.5
249 31.5 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

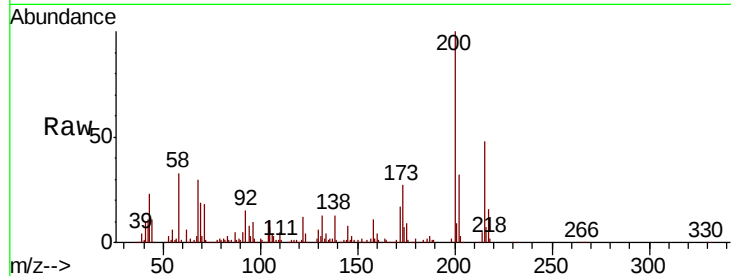




#69
Atrazine
Concen: 46.375 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	6.4	46.4
215	48.2	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

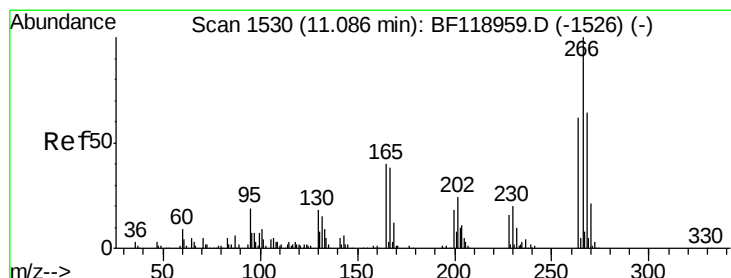
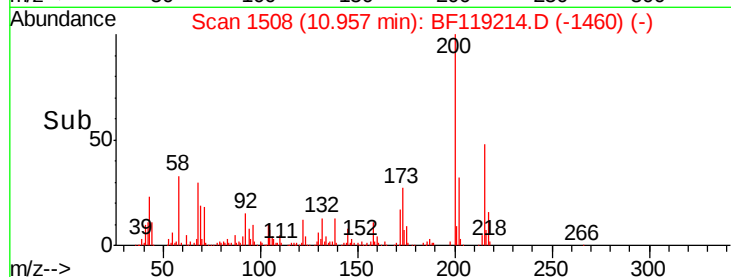
10.96

300000

200000

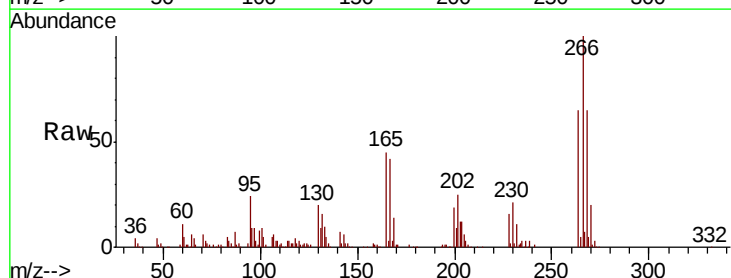
100000

Time-->



#70
Pentachlorophenol
Concen: 71.043 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.4	51.9	77.9
264	64.6	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

11.07

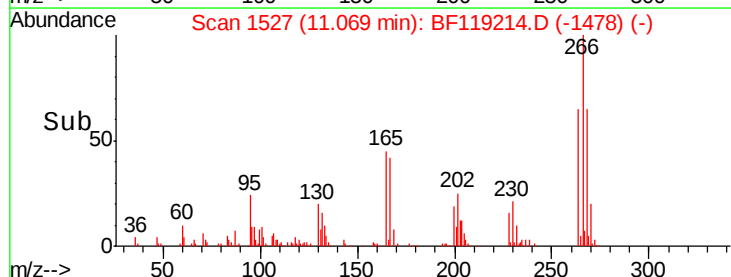
200000

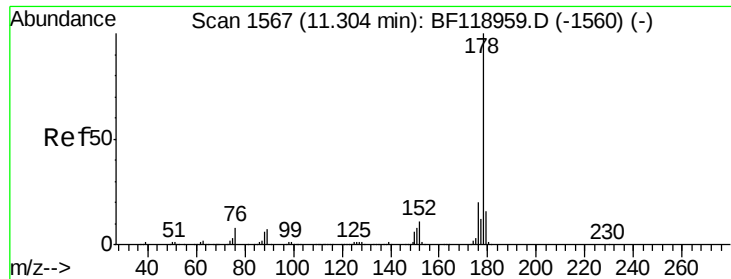
150000

100000

50000

Time-->

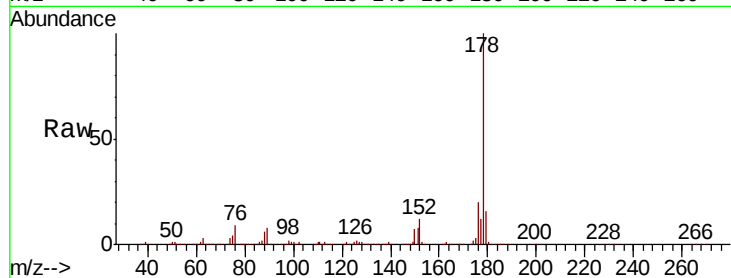




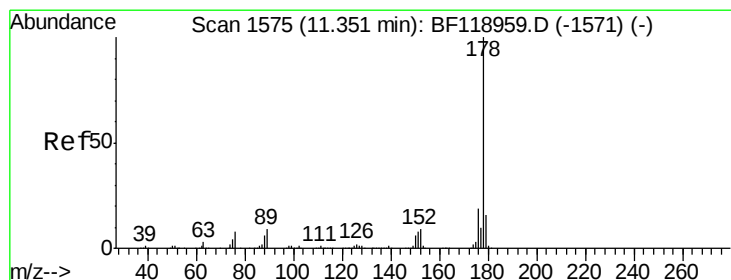
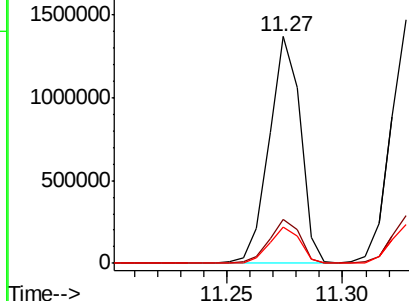
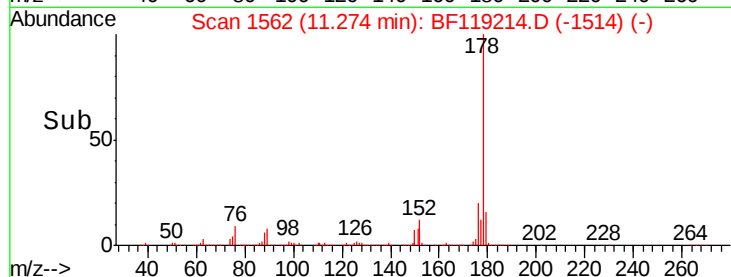
#71
Phenanthrene
Concen: 44.105 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1291115
Ion Ratio Lower Upper
178 100
176 19.6 16.5 24.7
179 15.9 13.0 19.6

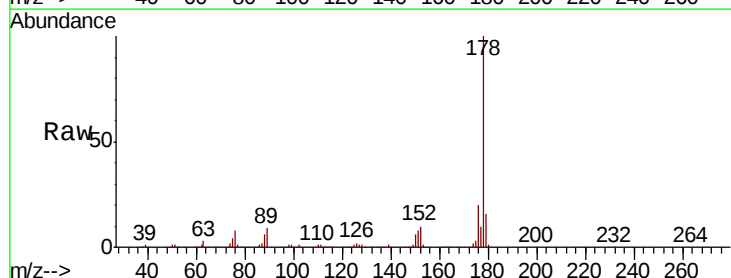


Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

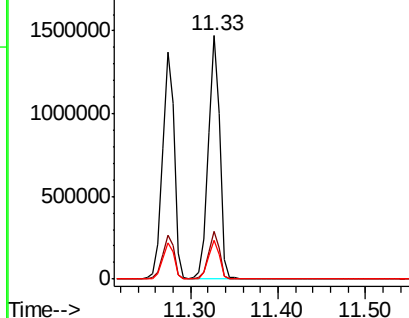
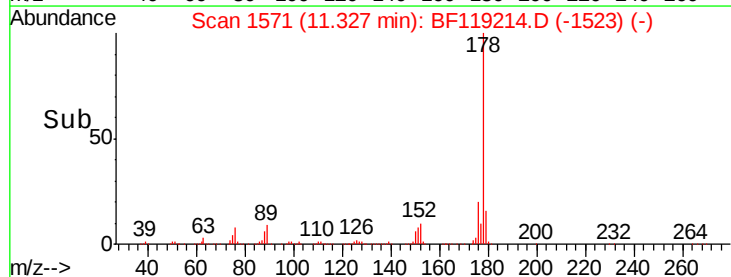


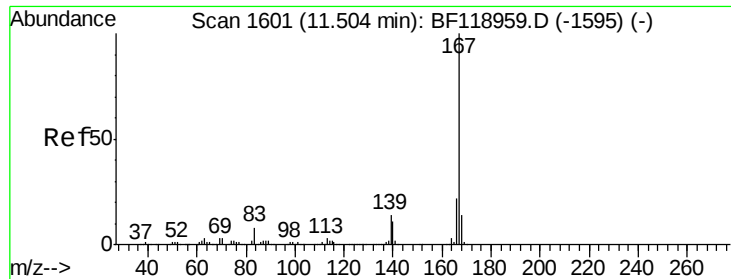
#72
Anthracene
Concen: 45.968 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.02 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Tgt Ion:178 Resp: 1344547
Ion Ratio Lower Upper
178 100
176 19.5 16.0 24.0
179 16.1 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



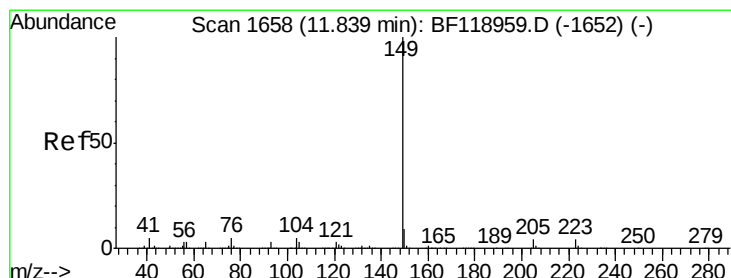
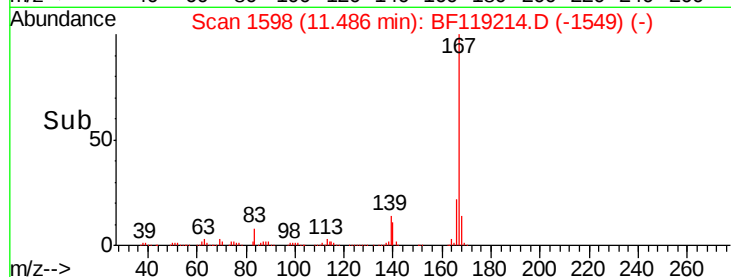
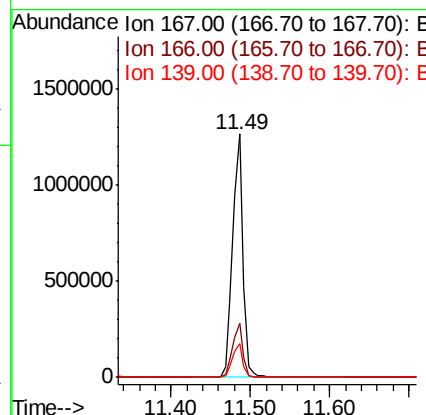
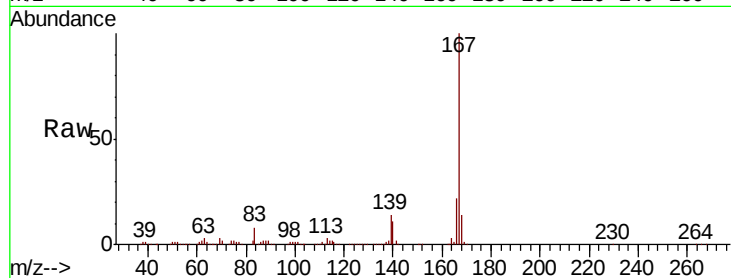


#73
 Carbazole
 Concen: 44.066 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF119214.D
 Acq: 5 Mar 2020 14:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1148248

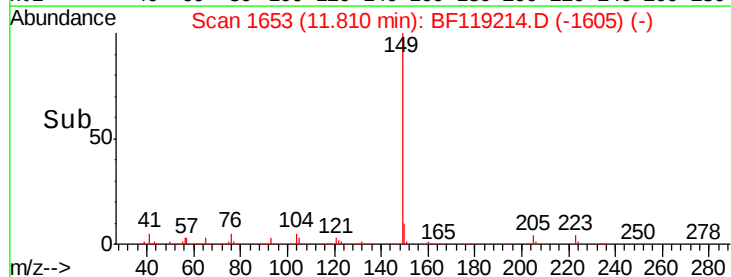
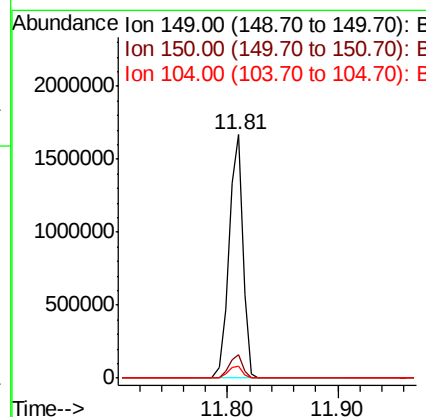
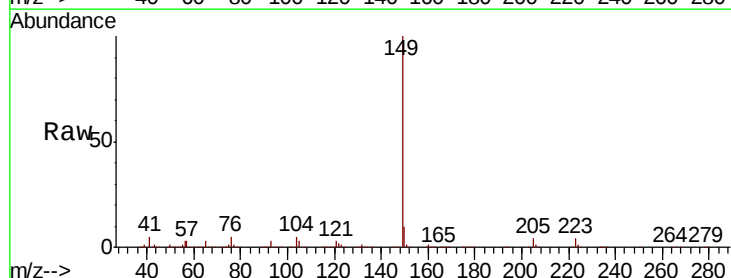
Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.2	27.4
139	13.9	11.7	17.5

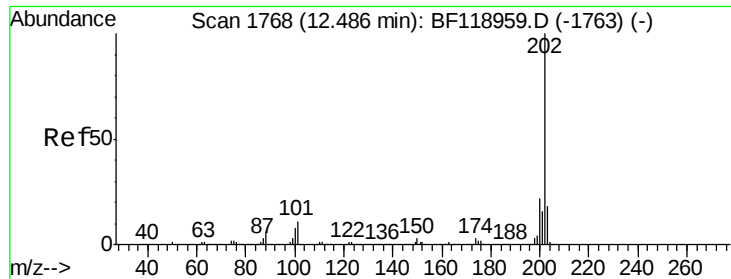


#74
 Di-n-butylphthalate
 Concen: 46.794 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. -0.02 min
 Lab File: BF119214.D
 Acq: 5 Mar 2020 14:58

Tgt Ion:149 Resp: 1476632

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.9	11.9
104	5.1	4.6	6.8





#75

Fluoranthene

Concen: 44.136 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.02 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

Instrument :

BNA_F

ClientSampleId :

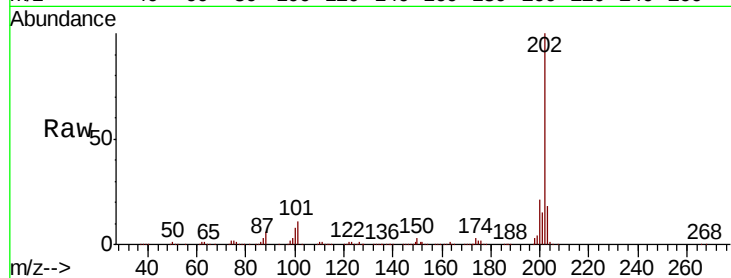
Tot Ion:202 Resp: 1371470

Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.3

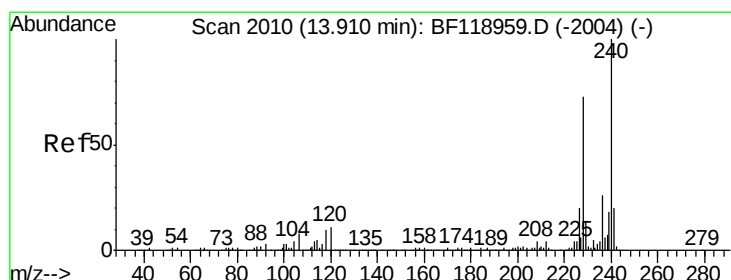
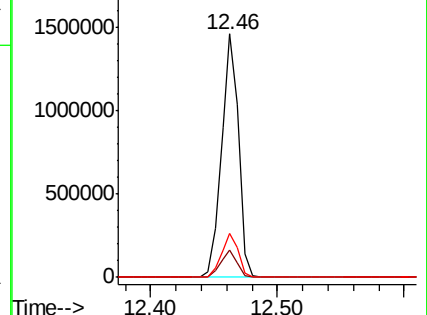
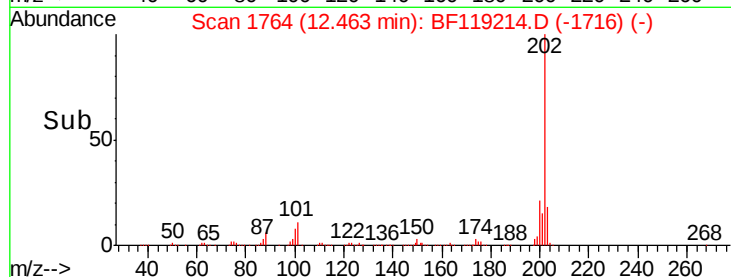
203 18.3 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

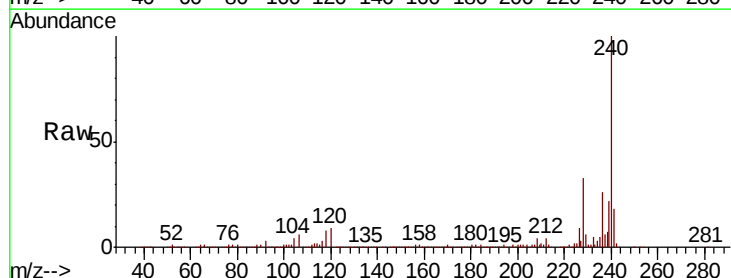
Tgt Ion:240 Resp: 365075

Ion Ratio Lower Upper

240 100

120 9.0 8.4 12.6

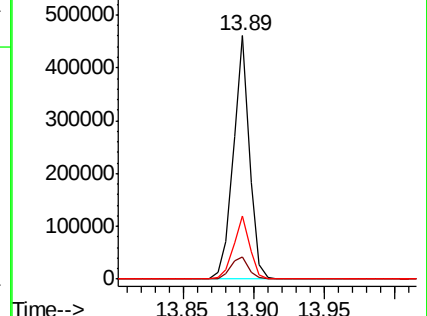
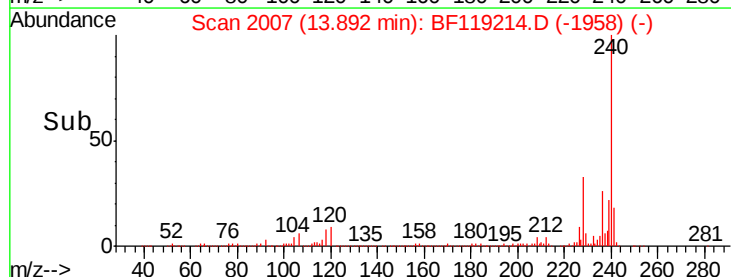
236 25.9 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.358 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.02 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

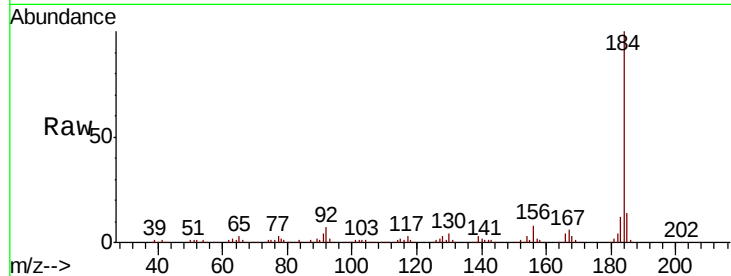
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 465577

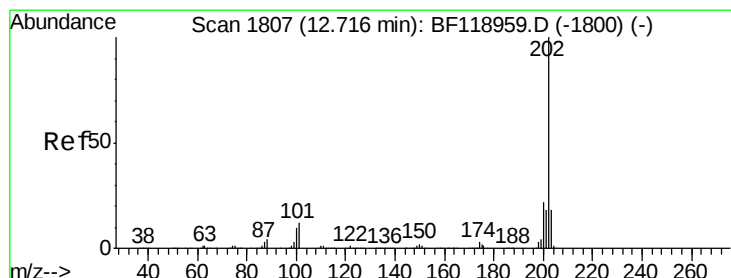
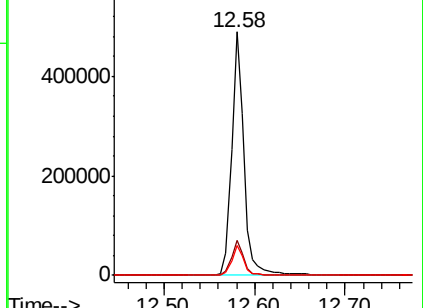
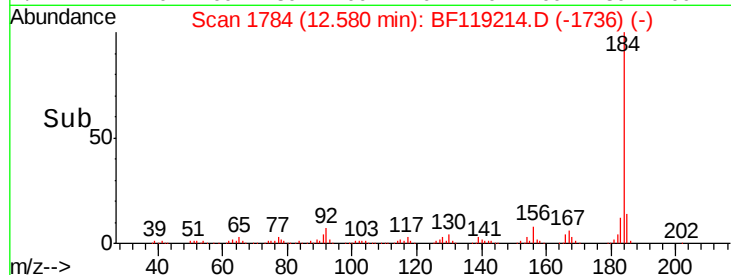
Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.2	18.4
183	12.2	9.9	14.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.510 ng

RT: 12.69 min Scan# 1803

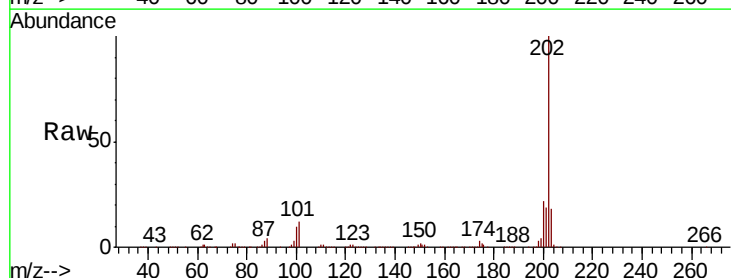
Delta R.T. -0.02 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

Tgt Ion:202 Resp: 1363449

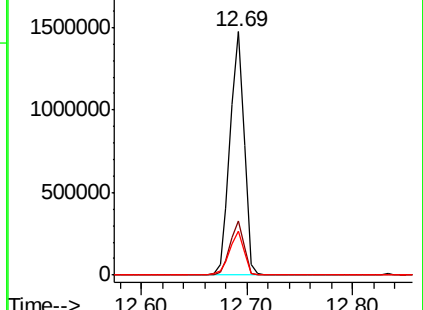
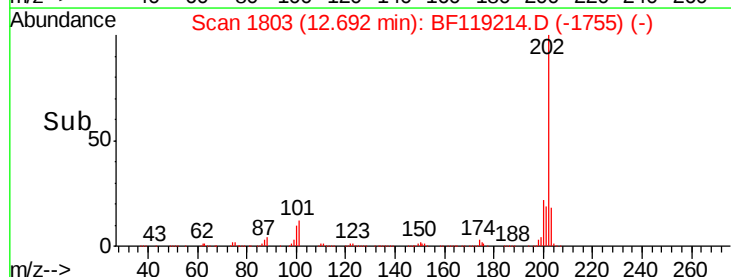
Ion	Ratio	Lower	Upper
202	100		
200	22.4	18.0	27.0
203	18.0	14.6	22.0

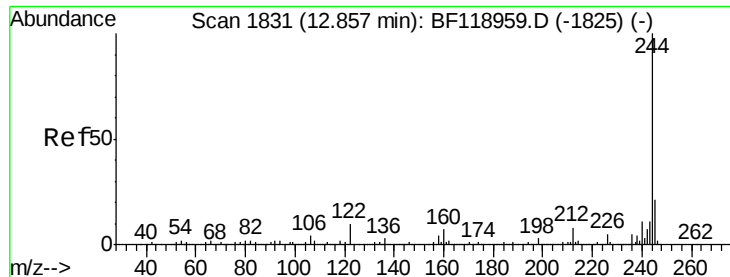


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.605 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

Instrument :

BNA_F

ClientSampleId :

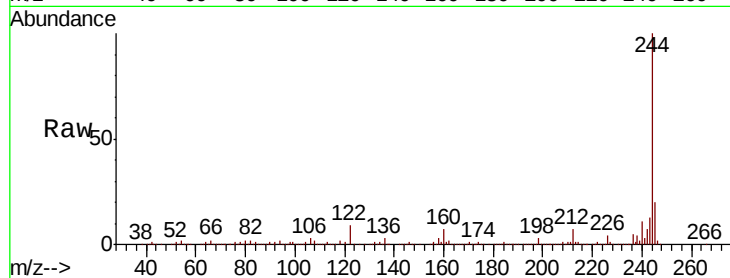
Tot Ion:244 Resp: 1751609

Ion Ratio Lower Upper

244 100

212 7.4 6.6 10.0

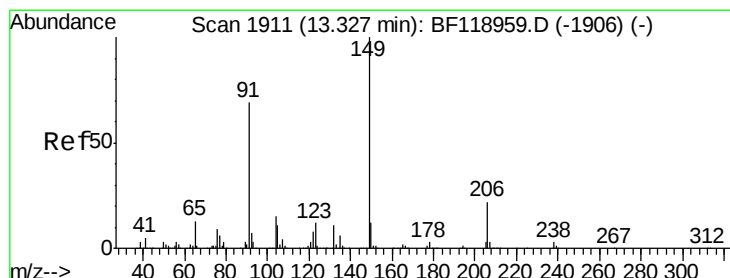
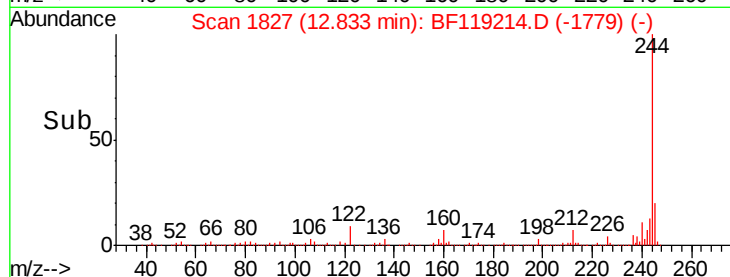
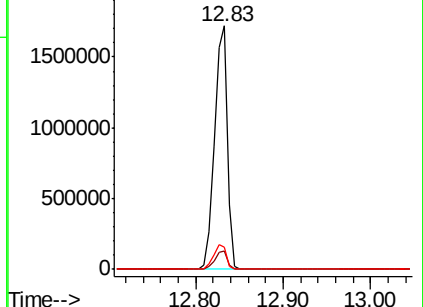
122 9.0 8.2 12.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.891 ng

RT: 13.30 min Scan# 1907

Delta R.T. -0.02 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

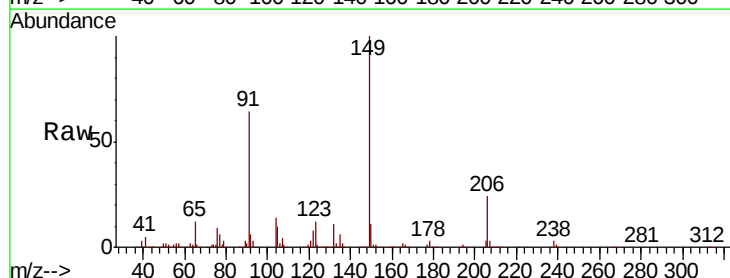
Tgt Ion:149 Resp: 603213

Ion Ratio Lower Upper

149 100

91 63.9 52.3 78.5

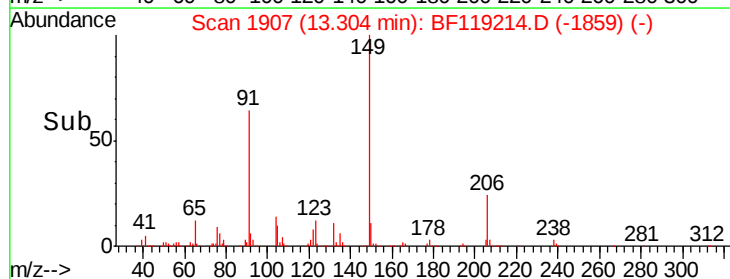
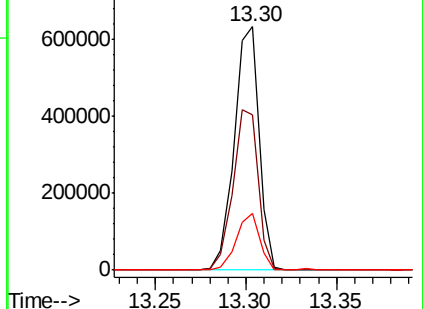
206 23.6 18.5 27.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.352 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

Instrument :

BNA_F

ClientSampleId :

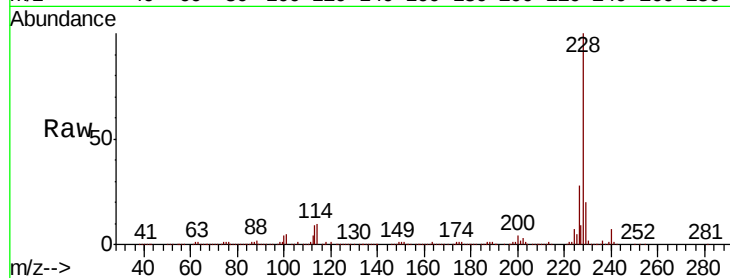
Tot Ion:228 Resp: 1153004

Ion Ratio Lower Upper

228 100

226 27.7 22.6 33.8

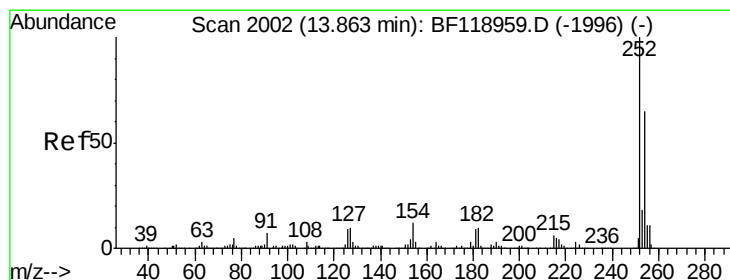
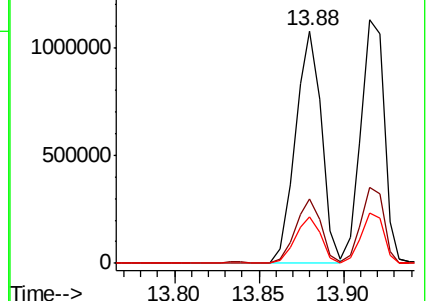
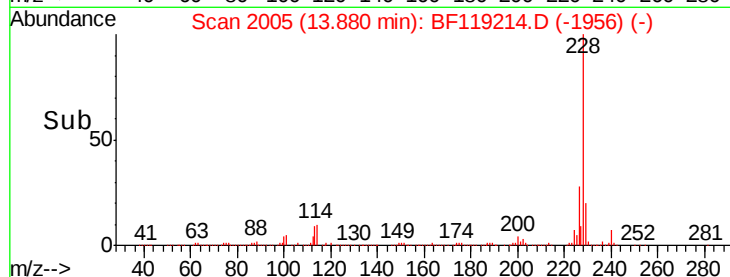
229 19.9 16.6 24.8



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: 33.296 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

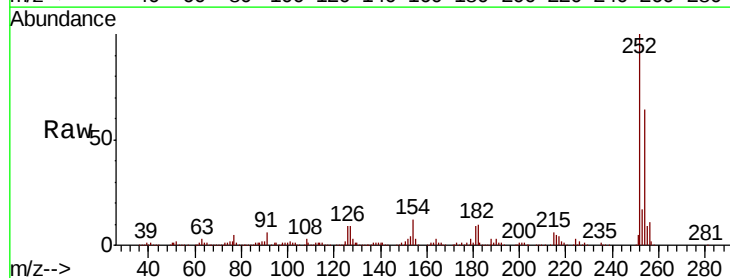
Tgt Ion:252 Resp: 321612

Ion Ratio Lower Upper

252 100

254 64.2 51.6 77.4

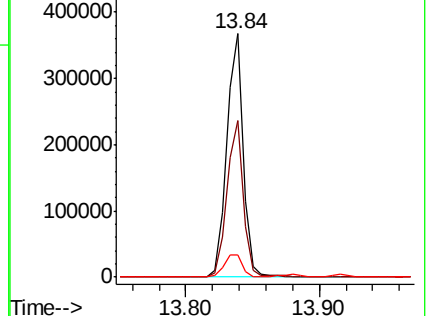
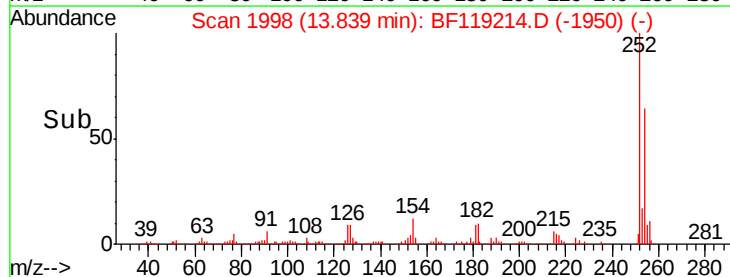
126 8.9 7.4 11.0

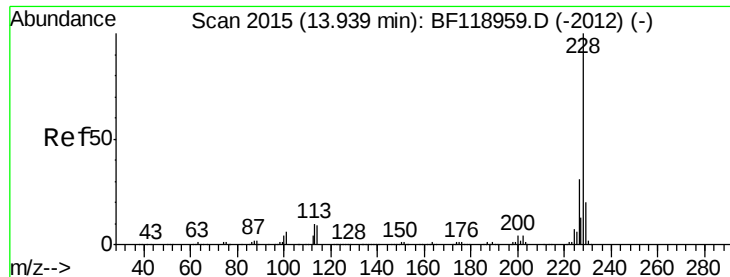


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

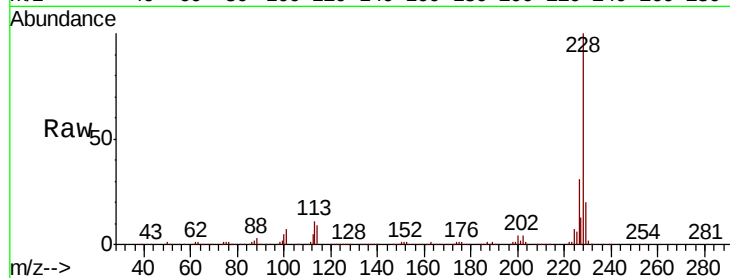




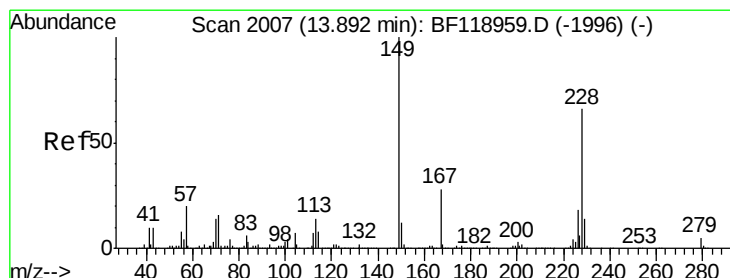
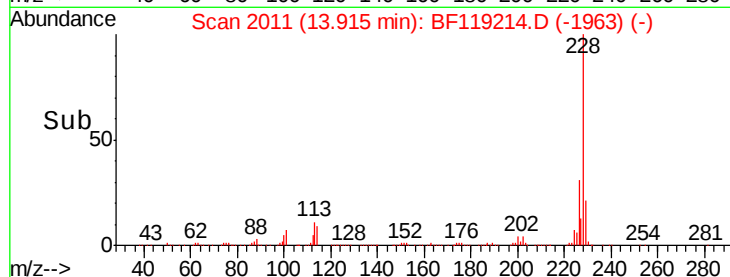
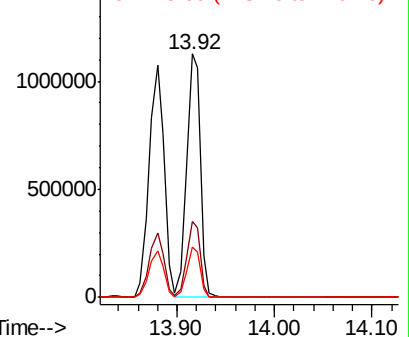
#83
 Chrvsene
 Concen: 43.954 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.02 min
 Lab File: BF119214.D
 Acq: 5 Mar 2020 14:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 1089444
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.1 37.7
 229 20.5 16.3 24.5

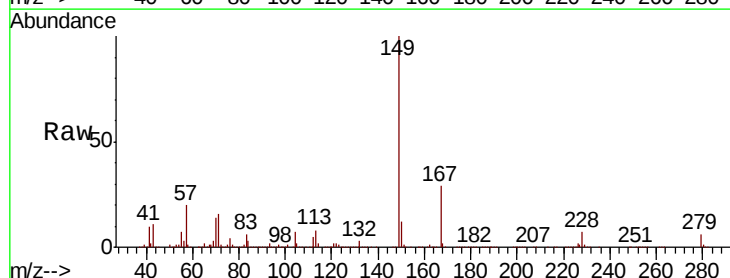


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

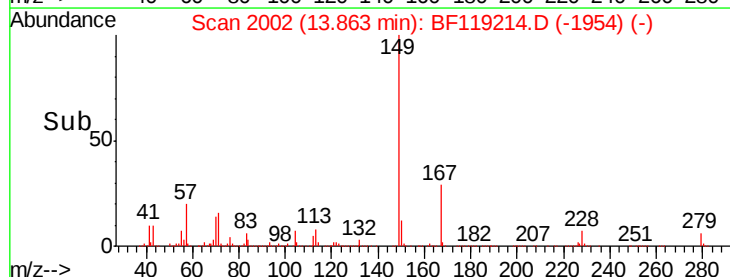
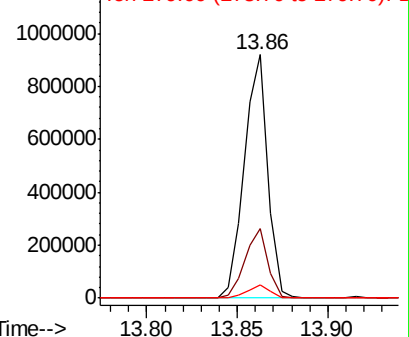


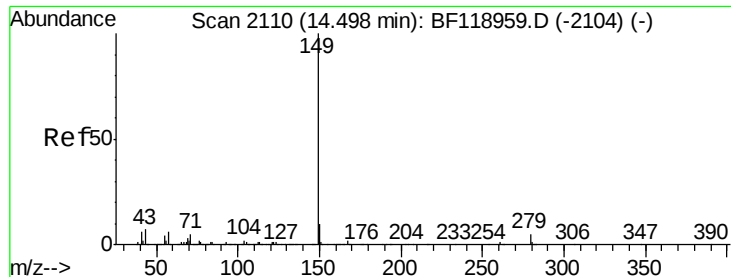
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 53.177 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.02 min
 Lab File: BF119214.D
 Acq: 5 Mar 2020 14:58

Tgt Ion:149 Resp: 828886
 Ion Ratio Lower Upper
 149 100
 167 28.8 22.8 34.2
 279 5.5 4.6 6.8



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





#85

Di-n-octyl phthalate

Concen: 51.304 ng

RT: 14.47 min Scan# 2105

Delta R.T. -0.02 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

Instrument :

BNA_F

ClientSampleId :

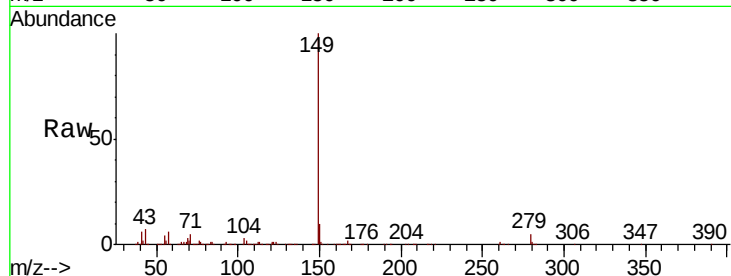
Tot Ion:149 Resp: 1274146

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

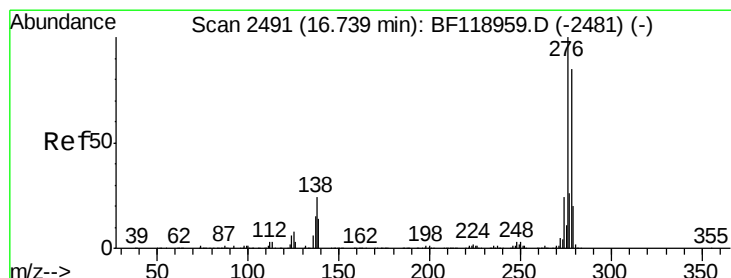
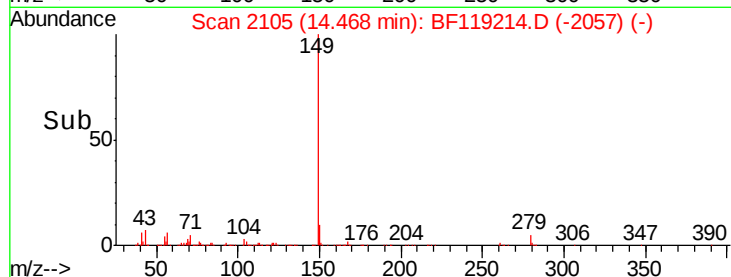
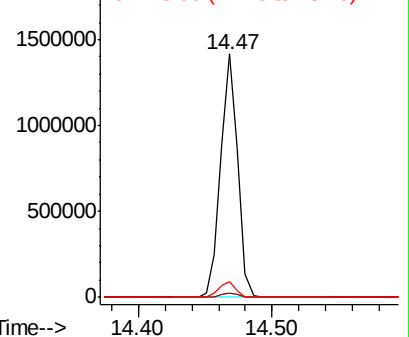
43 6.6 5.7 8.5



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: 38.002 ng

RT: 16.72 min Scan# 2488

Delta R.T. -0.02 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

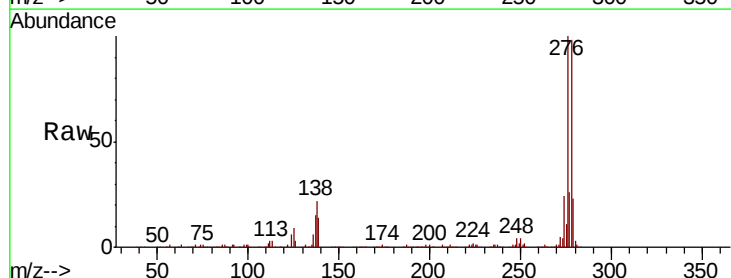
Tgt Ion:276 Resp: 912030

Ion Ratio Lower Upper

276 100

138 21.8 17.4 26.0

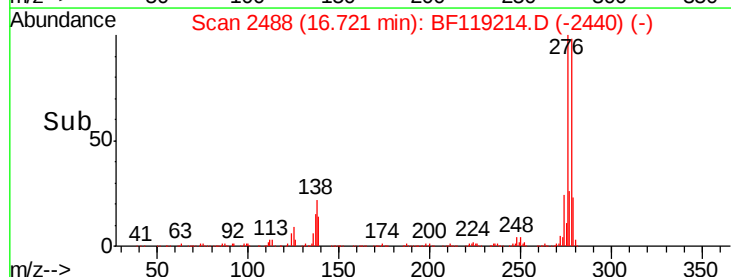
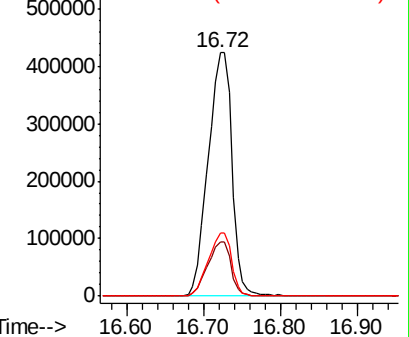
277 25.5 20.3 30.5

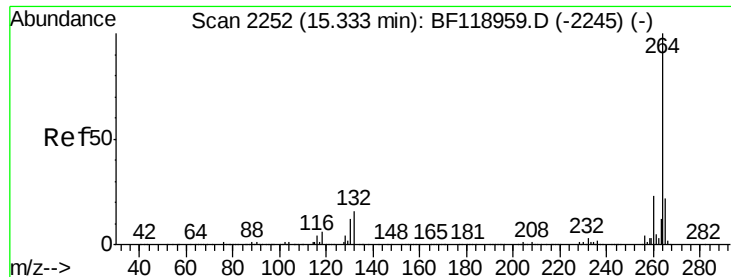


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



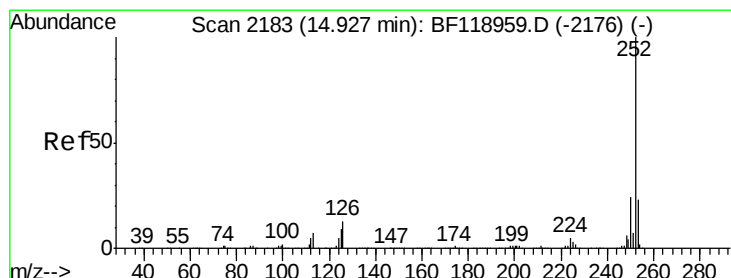
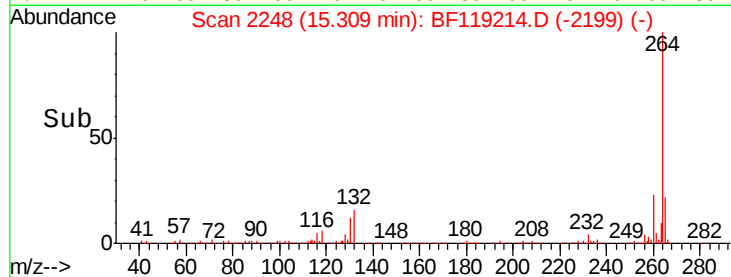
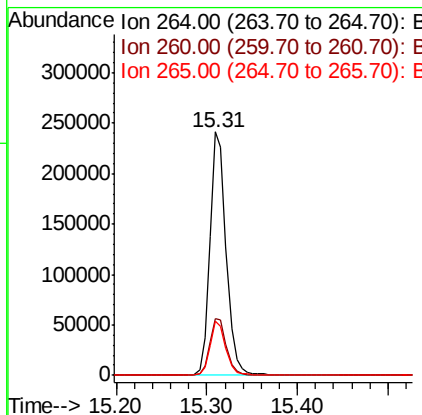
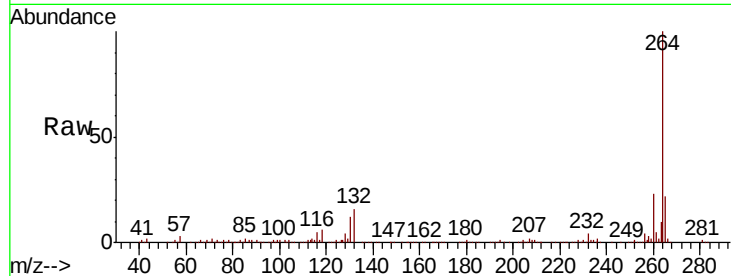


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 303115

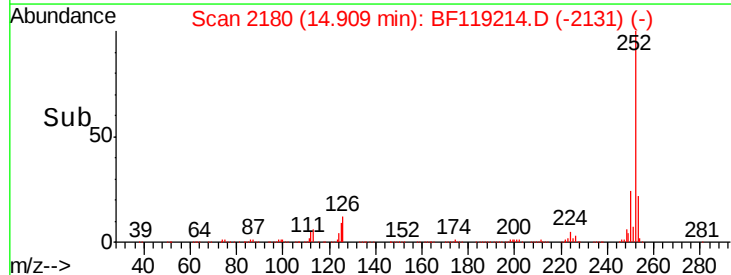
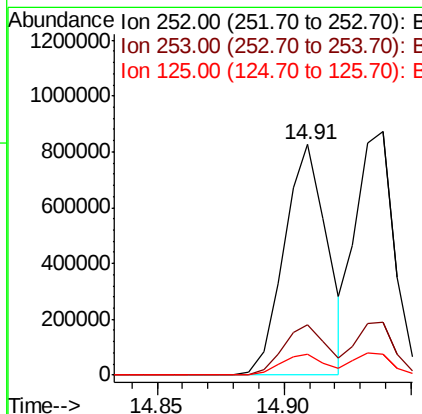
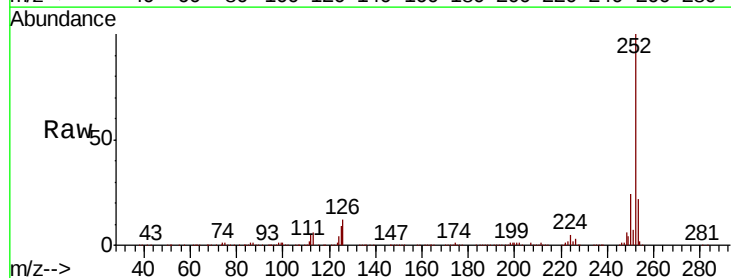
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	22.0	17.7	26.5

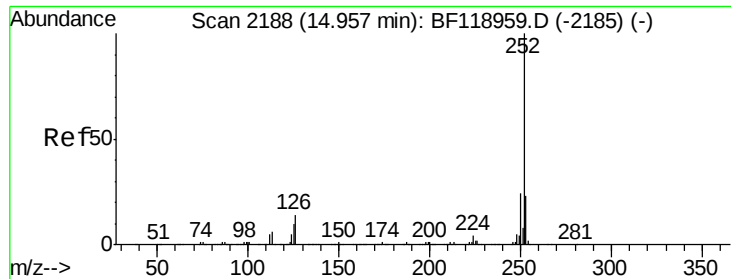


#88
Benzo(b)fluoranthene
Concen: 48.807 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF119214.D
Acq: 5 Mar 2020 14:58

Tgt Ion:252 Resp: 975153

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	8.9	7.4	11.0





#89

Benzo(k)fluoranthene

Concen: 50.177 ng

RT: 14.94 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

Instrument :

BNA_F

ClientSampleId :

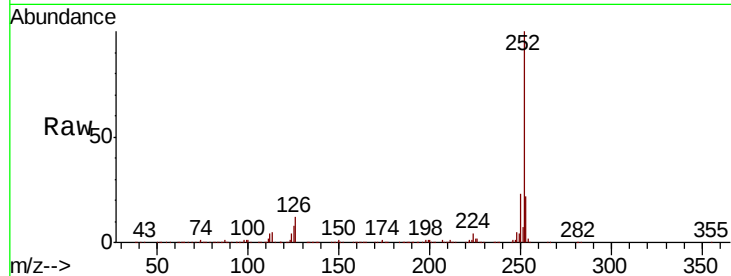
Tot Ion:252 Resp: 929053

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

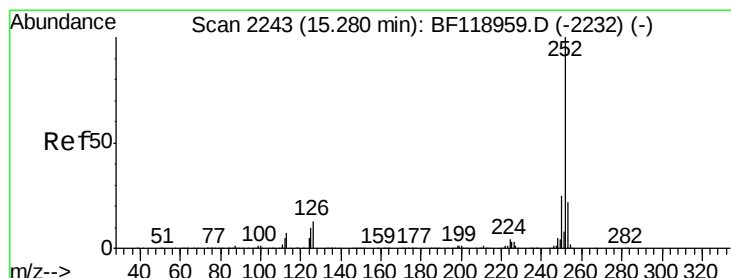
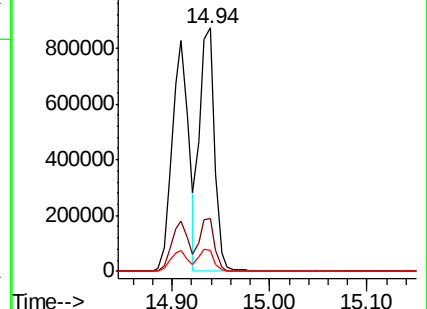
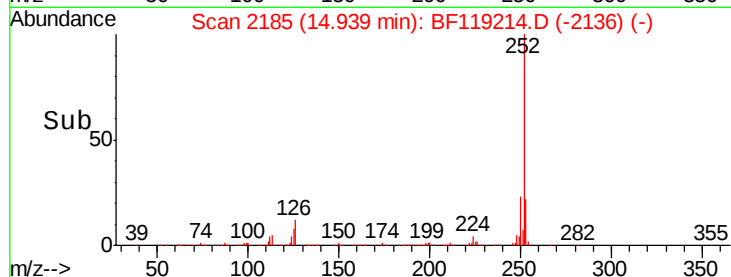
125 8.4 7.5 11.3



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: 45.487 ng

RT: 15.26 min Scan# 2239

Delta R.T. -0.01 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

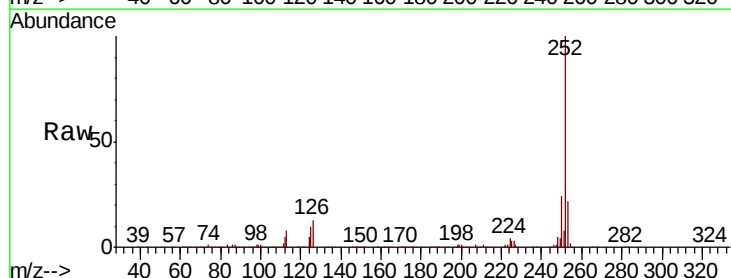
Tgt Ion:252 Resp: 820227

Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

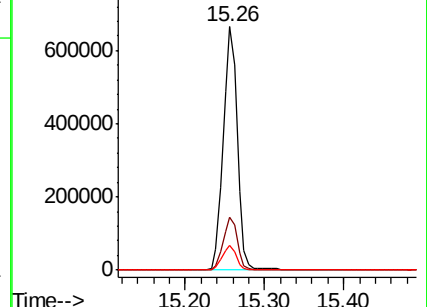
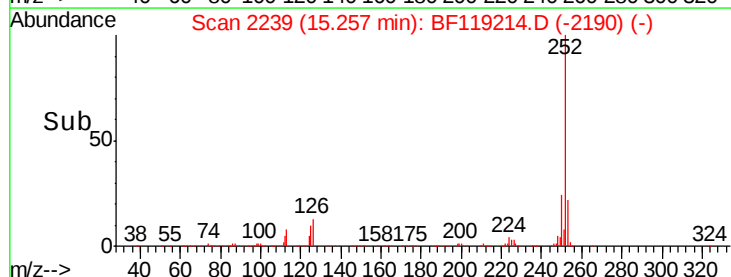
125 10.1 8.6 12.8



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: 48.023 ng

RT: 16.73 min Scan# 2489

Delta R.T. -0.02 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

Instrument :

BNA_F

ClientSampled :

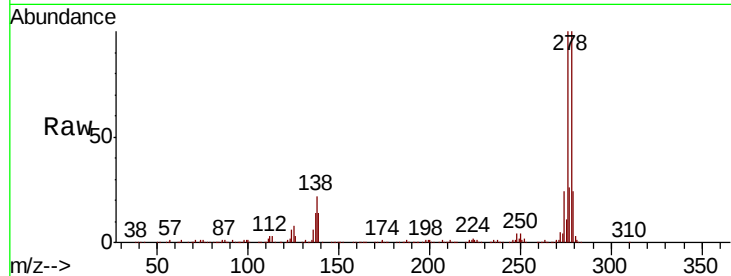
Tot Ion:278 Resp: 761951

Ion Ratio Lower Upper

278 100

139 13.6 11.0 16.4

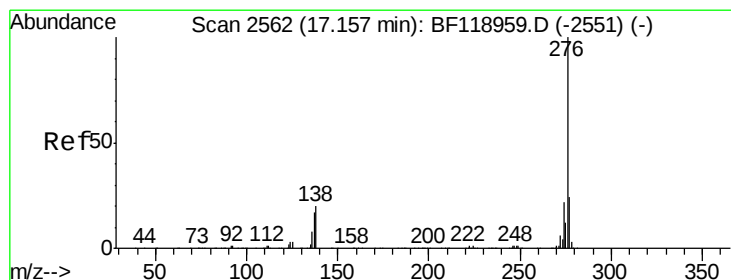
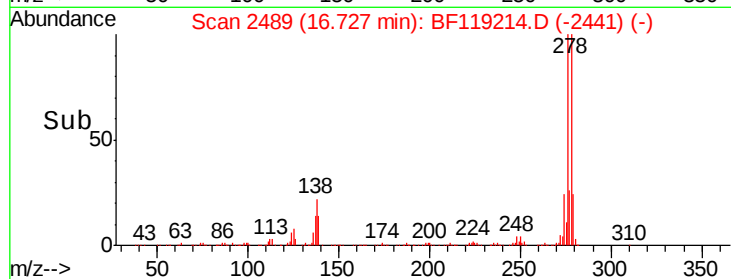
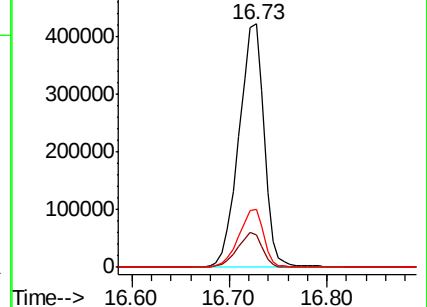
279 23.8 18.6 28.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 48.690 ng

RT: 17.14 min Scan# 2560

Delta R.T. -0.01 min

Lab File: BF119214.D

Acq: 5 Mar 2020 14:58

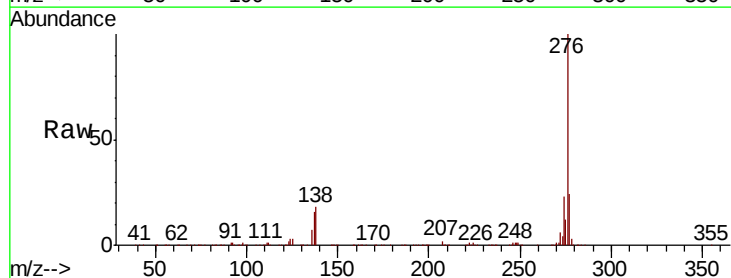
Tgt Ion:276 Resp: 763303

Ion Ratio Lower Upper

276 100

277 23.6 18.7 28.1

138 17.8 14.3 21.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

