

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
 Data File : BF118287.D
 Acq On : 19 Dec 2019 18:57
 Operator : JU
 Sample : K6317-09MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 20 02:13:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	103530	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	401835	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	213341	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	410200	20.00	ng	0.00
76) Chrysene-d12	14.06	240	293109	20.00	ng	-0.01
87) Perylene-d12	15.54	264	262604	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	804204	136.05	ng	0.01
7) Phenol-d6	6.50	99	956174	133.74	ng	0.00
23) Nitrobenzene-d5	7.43	82	656320	91.89	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	398204	153.65	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1372092	97.86	ng	-0.01
79) Terphenyl-d14	12.99	244	1789067	104.96	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.75	88	92704	37.195	ng	# 84
3) Pyridine	3.47	79	162522	25.274	ng	98
4) n-Nitrosodimethylamine	3.40	42	123502	44.645	ng	99
6) Aniline	6.53	93	81205	8.879	ng	# 81
8) 2-Chlorophenol	6.65	128	325760	48.875	ng	98
9) Benzaldehyde	6.41	77	175280	51.211	ng	94
10) Phenol	6.51	94	329851	40.455	ng	98
11) bis(2-Chloroethyl)ether	6.60	93	285441	48.404	ng	97
12) 1,3-Dichlorobenzene	6.80	146	346818	44.543	ng	96
13) 1,4-Dichlorobenzene	6.88	146	350491	44.704	ng	98
14) 1,2-Dichlorobenzene	7.03	146	338661	45.996	ng	99
15) Benzyl Alcohol	7.00	79	271411	48.631	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	317780	44.818	ng	90
17) 2-Methylphenol	7.12	107	260273	49.097	ng	97
18) Hexachloroethane	7.37	117	127842	44.252	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	212695	48.957	ng	99
20) 3+4-Methylphenols	7.27	107	328035	49.264	ng	94
22) Acetophenone	7.27	105	447395	46.343	ng	97
24) Nitrobenzene	7.45	77	327088	46.609	ng	100
25) Isophorone	7.69	82	593047	48.978	ng	99
26) 2-Nitrophenol	7.76	139	183821	49.008	ng	96
27) 2,4-Dimethylphenol	7.80	122	278169	55.598	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	364234	46.035	ng	99
29) 2,4-Dichlorophenol	8.01	162	285002	48.863	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	306631	44.985	ng	99
31) Naphthalene	8.17	128	976361	48.380	ng	100
32) Benzoic acid	7.93	122	165815	36.705	ng	98
33) 4-Chloroaniline	8.22	127	50746	5.824	ng	98
34) Hexachlorobutadiene	8.28	225	178572	43.688	ng	98
35) Caprolactam	8.59	113	42308	23.521	ng	98
36) 4-Chloro-3-methylphenol	8.71	107	303981	49.524	ng	97
37) 2-Methylnaphthalene	8.86	142	683420	50.021	ng	99
38) 1-Methylnaphthalene	8.96	142	636801	49.640	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	297471	46.028	ng	99

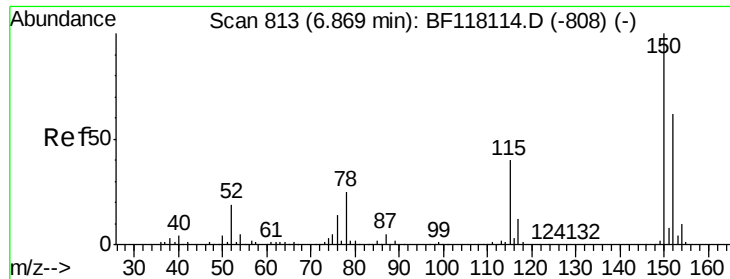
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	280692	96.935	nq	99
43) 2,4,6-Trichlorophenol	9.15	196	207908	48.181	nq	98
44) 2,4,5-Trichlorophenol	9.19	196	224847	50.294	nq	98
46) 1,1'-Biphenyl	9.33	154	812100	48.265	nq	99
47) 2-Chloronaphthalene	9.35	162	633293	46.789	nq	96
48) 2-Nitroaniline	9.45	65	178825	46.330	nq	98
49) Acenaphthylene	9.77	152	1022410	51.215	nq	100
50) Dimethylphthalate	9.63	163	767780	48.722	nq	99
51) 2,6-Dinitrotoluene	9.70	165	175766	51.295	nq	89
52) Acenaphthene	9.95	154	586985	48.173	nq	99
53) 3-Nitroaniline	9.87	138	41992	10.413	nq	94
54) 2,4-Dinitrophenol	9.98	184	159931	93.815	nq	97
55) Dibenzofuran	10.12	168	901950	50.518	nq	99
56) 4-Nitrophenol	10.04	139	253717	90.661	nq	99
57) 2,4-Dinitrotoluene	10.10	165	234909	51.363	nq	94
58) Fluorene	10.46	166	724225	51.043	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.24	232	188684	51.157	nq	100
60) Diethylphthalate	10.33	149	775033	49.919	nq	99
61) 4-Chlorophenyl-phenylether	10.45	204	350576	49.107	nq	99
62) 4-Nitroaniline	10.49	138	170890	40.633	nq	97
63) Azobenzene	10.61	77	668996	50.475	nq	99
65) 4,6-Dinitro-2-methylphenol	10.52	198	116918	51.612	nq	93
66) n-Nitrosodiphenylamine	10.57	169	645226	50.370	nq	100
67) 4-Bromophenyl-phenylether	10.94	248	225215	48.097	nq	98
68) Hexachlorobenzene	11.02	284	260918	47.341	nq	# 90
69) Atrazine	11.10	200	221143	Below Cal		97
70) Pentachlorophenol	11.21	266	259431	100.094	nq	97
71) Phenanthrene	11.43	178	1090412	50.006	nq	100
72) Anthracene	11.48	178	1138568	52.341	nq	99
73) Carbazole	11.64	167	991521	50.803	nq	99
74) Di-n-butylphthalate	11.96	149	1247675	51.080	nq	99
75) Fluoranthene	12.62	202	1143056	51.271	nq	98
77) Benzidine	12.74	184	183653	23.801	nq	95
78) Pyrene	12.85	202	1167913	50.563	nq	98
80) Butylbenzylphthalate	13.46	149	528307	50.503	nq	98
81) Benzo(a)anthracene	14.04	228	1005460	49.609	nq	99
82) 3,3'-Dichlorobenzidine	14.00	252	120841	18.154	nq	100
83) Chrysene	14.09	228	964159	49.801	nq	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	743854	53.927	nq	100
85) Di-n-octyl phthalate	14.64	149	1152671	55.165	nq	100
86) Indeno(1,2,3-cd)pyrene	17.06	276	918246	56.370	nq	99
88) Benzo(b)fluoranthene	15.11	252	840104	48.371	nq	99
89) Benzo(k)fluoranthene	15.11	252	840104	50.352	nq	99
90) Benzo(a)pyrene	15.49	252	751430	48.988	nq	99
91) Dibenzo(a,h)anthracene	17.07	278	771172	58.616	nq	99
92) Benzo(g,h,i)perylene	17.52	276	790714	62.544	nq	98

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

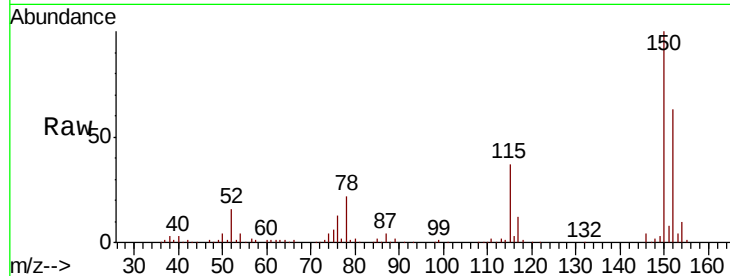


#1

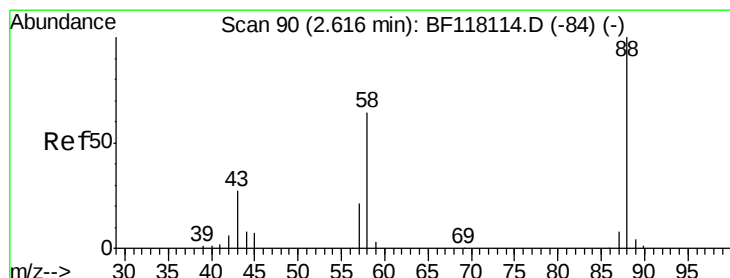
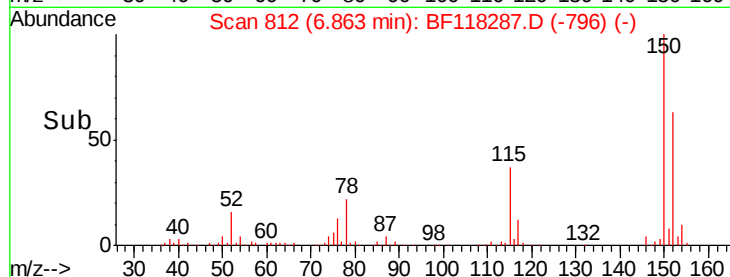
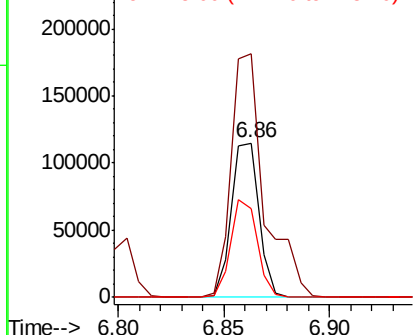
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 103530
Ion Ratio Lower Upper
152 100
150 158.1 128.3 192.5
115 57.7 51.1 76.7



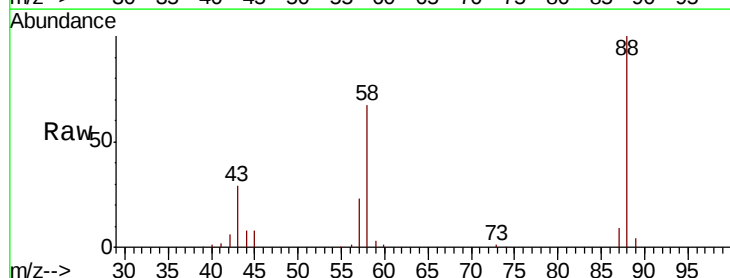
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



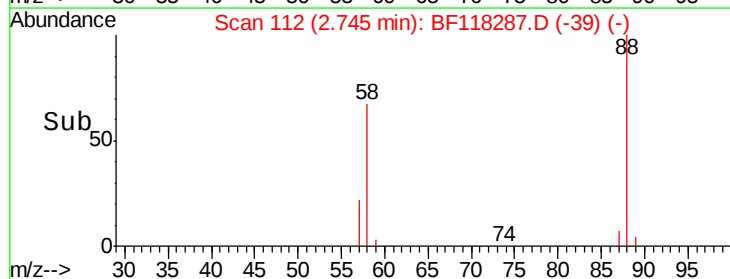
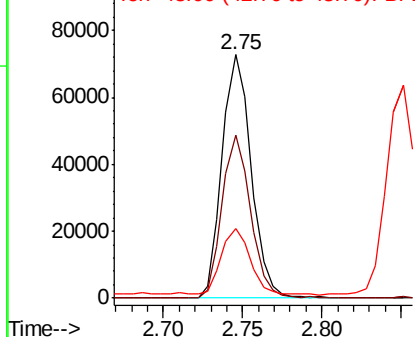
#2

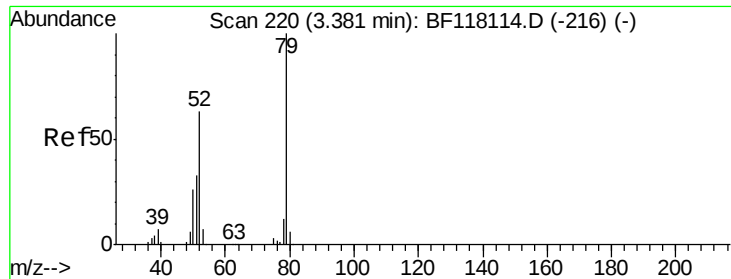
1,4-Dioxane
Concen: 37.195 ng
RT: 2.75 min Scan# 112
Delta R.T. 0.13 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion: 88 Resp: 92704
Ion Ratio Lower Upper
88 100
58 65.9 52.2 78.4
43 0.0 21.4 32.2#



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: 25.274 ng

RT: 3.47 min Scan# 236

Delta R.T. 0.09 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

Instrument :

BNA_F

ClientSampleId :

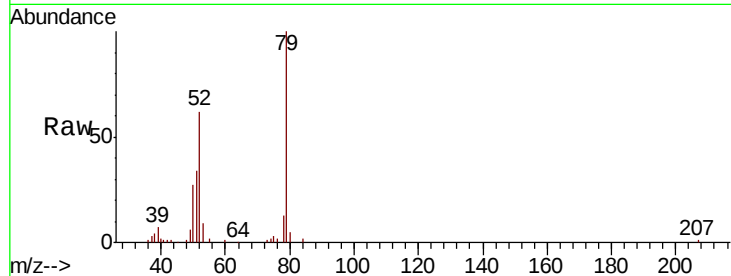
Tot Ion: 79 Resp: 162522

Ion Ratio Lower Upper

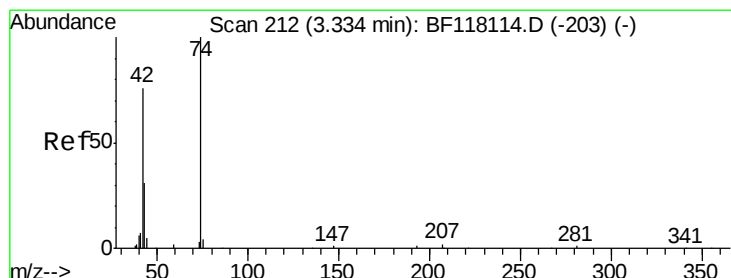
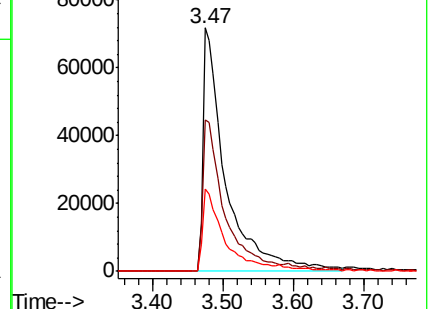
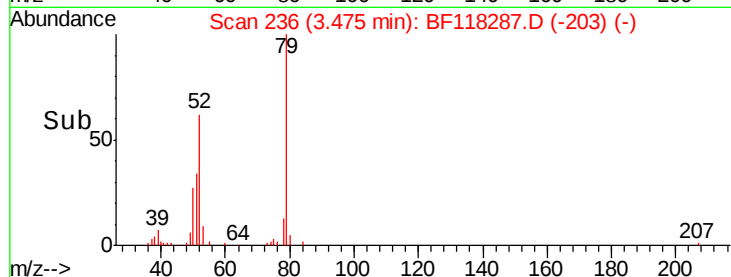
79 100

52 62.0 50.7 76.1

51 34.0 26.4 39.6



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: 44.645 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.07 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

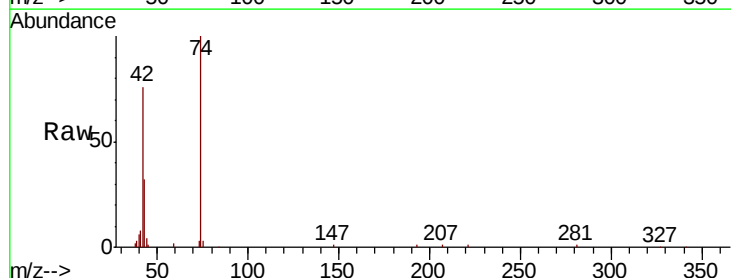
Tgt Ion: 42 Resp: 123502

Ion Ratio Lower Upper

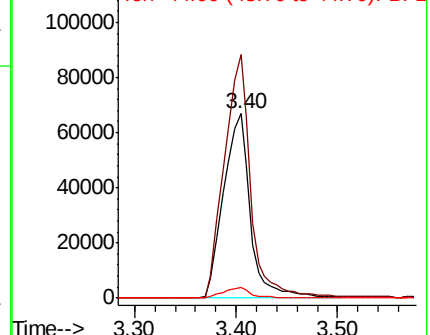
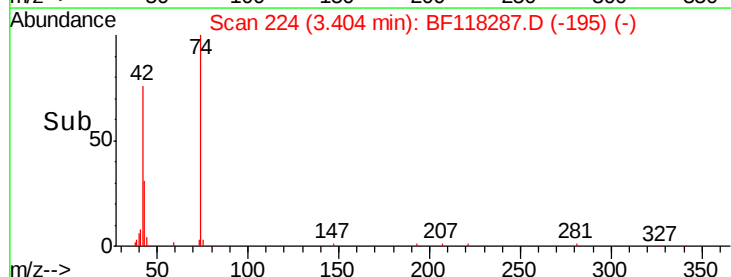
42 100

74 132.0 104.6 157.0

44 5.8 5.1 7.7



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: 136.051 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

Instrument :

BNA_F

ClientSampled :

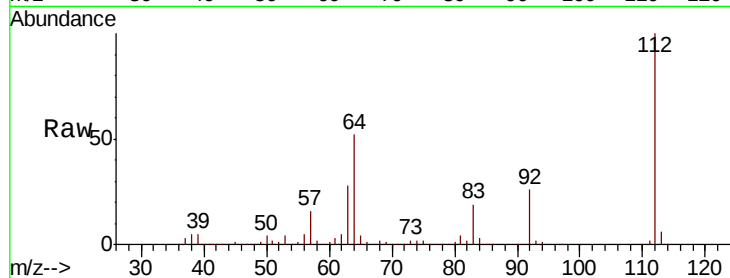
Tot Ion: 112 Resp: 804204

Ion Ratio Lower Upper

112 100

64 51.7 41.3 61.9

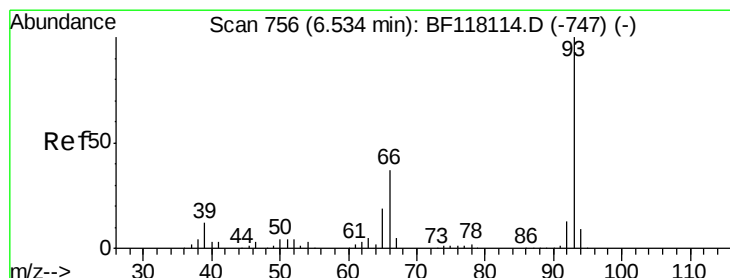
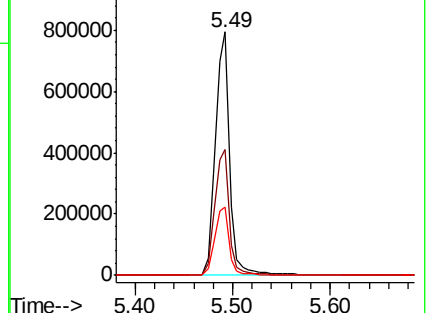
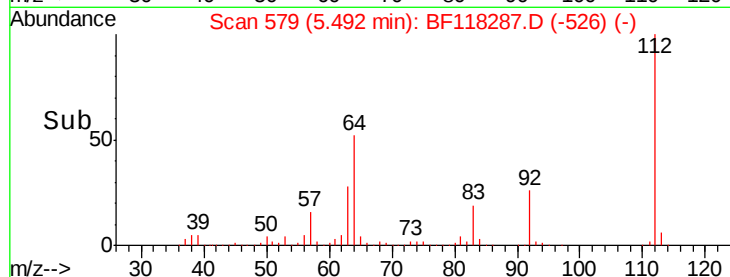
63 27.8 22.4 33.6



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 8.879 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

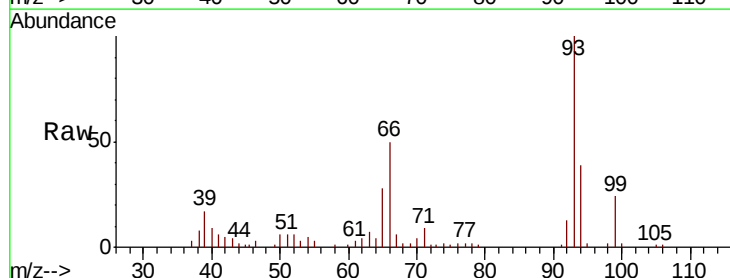
Tgt Ion: 93 Resp: 81205

Ion Ratio Lower Upper

93 100

66 49.7 30.2 45.2#

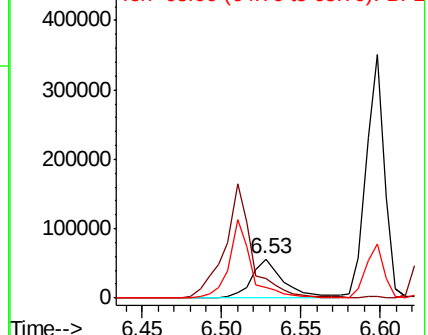
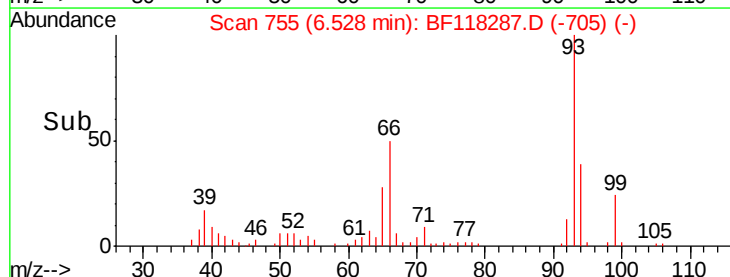
65 27.6 15.5 23.3#

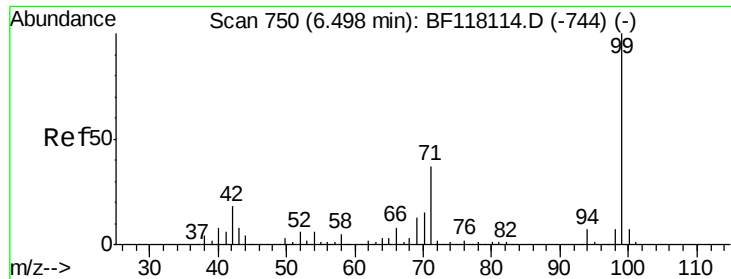


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 133.738 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

Instrument :

BNA_F

ClientSampleId :

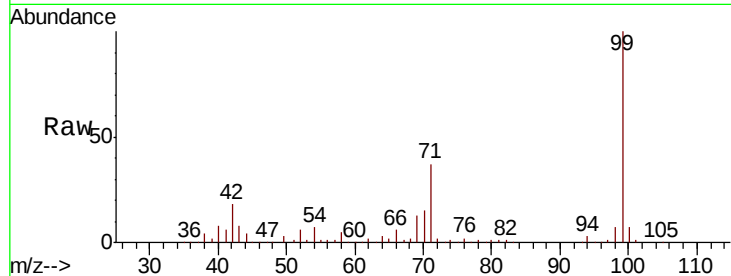
Tot Ion: 99 Resp: 956174

Ion Ratio Lower Upper

99 100

42 17.8 14.1 21.1

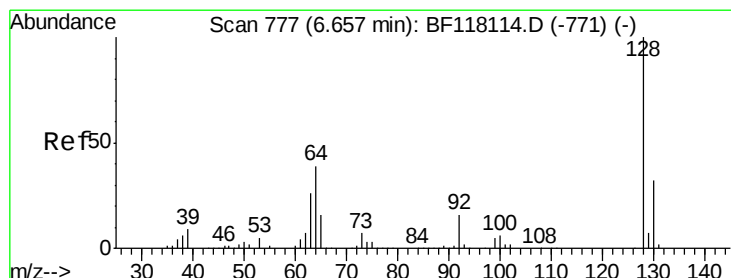
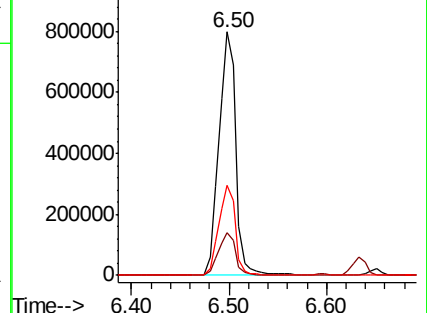
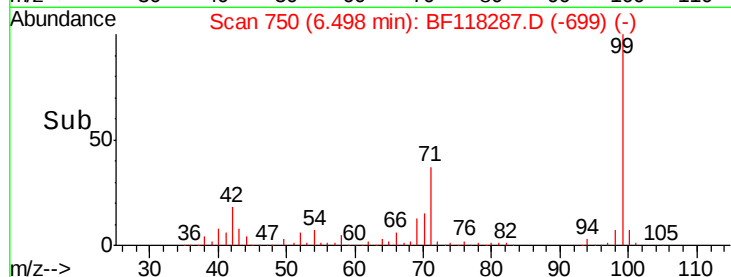
71 36.9 29.7 44.5



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 48.875 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

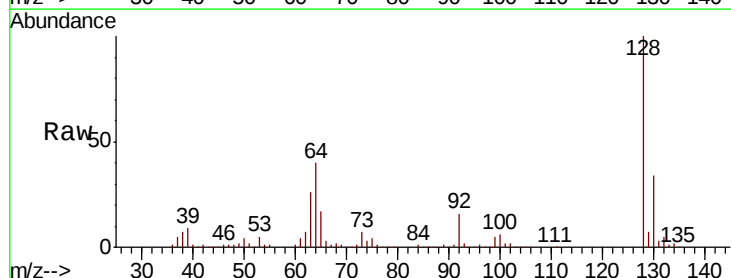
Tgt Ion: 128 Resp: 325760

Ion Ratio Lower Upper

128 100

130 33.6 12.1 52.1

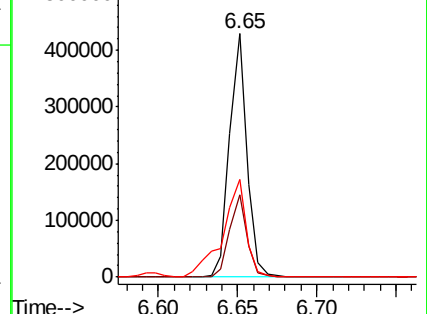
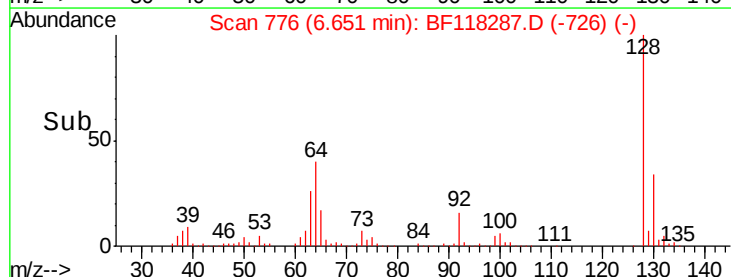
64 40.3 19.3 59.3



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: 51.211 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

Instrument :

BNA_F

ClientSampleId :

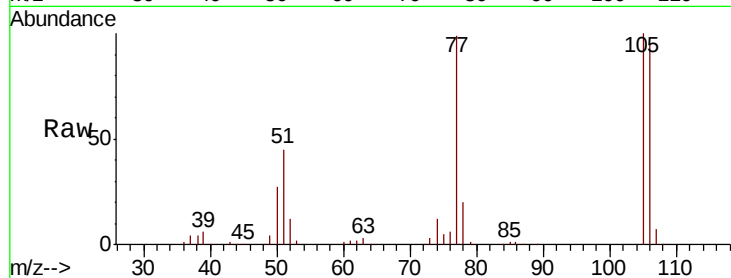
Tot Ion: 77 Resp: 175280

Ion Ratio Lower Upper

77 100

105 101.4 86.4 126.4

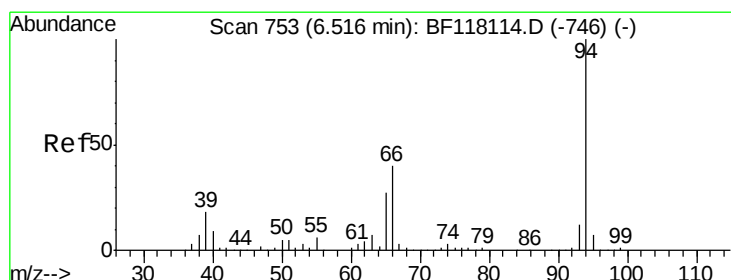
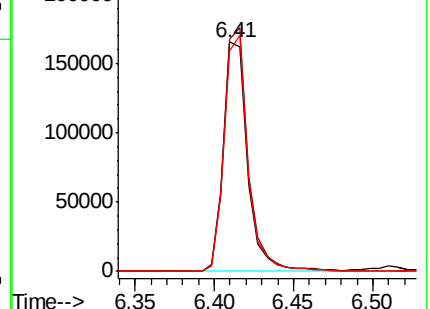
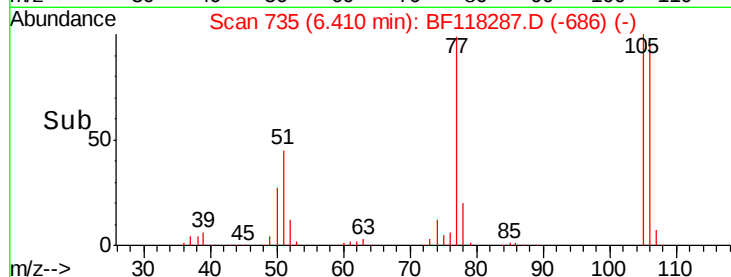
106 96.4 83.8 123.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.455 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

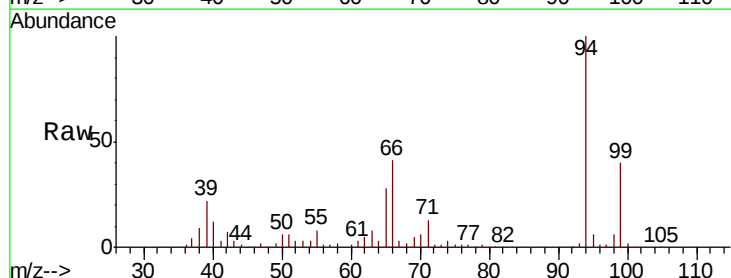
Tgt Ion: 94 Resp: 329851

Ion Ratio Lower Upper

94 100

65 28.4 7.3 47.3

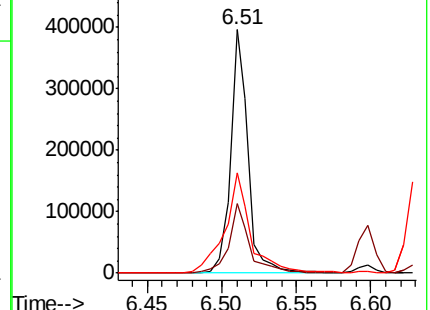
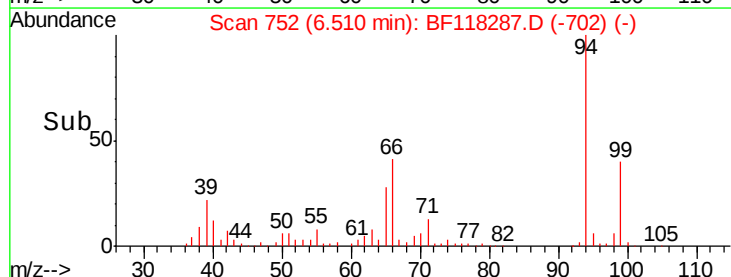
66 41.4 20.2 60.2

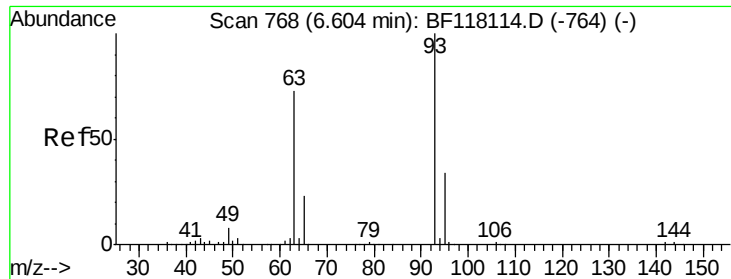


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

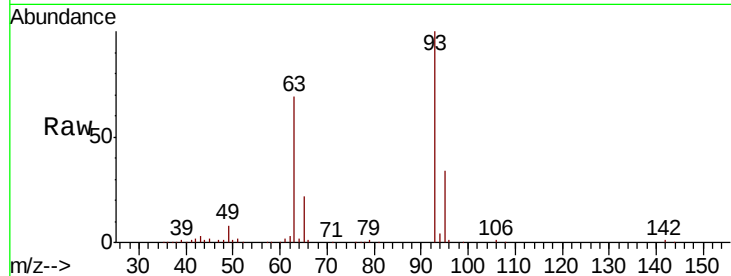




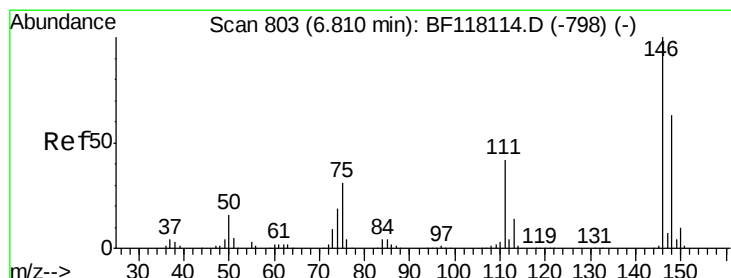
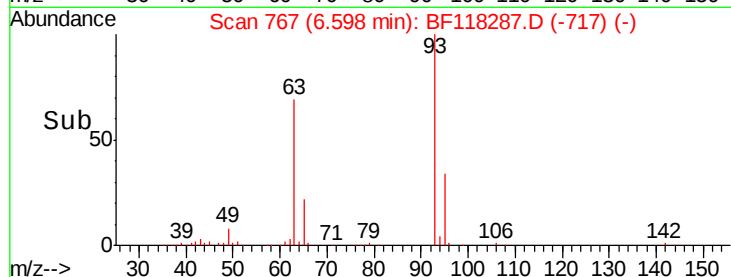
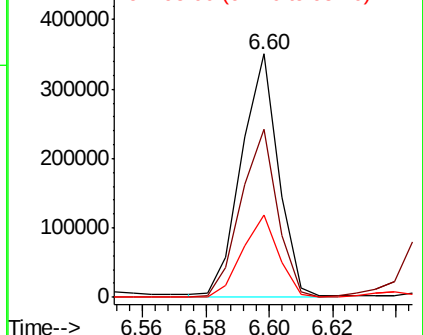
#11
bis(2-Chloroethyl)ether
Concen: 48.404 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 285441
Ion Ratio Lower Upper
93 100
63 69.3 53.2 93.2
95 33.6 13.8 53.8

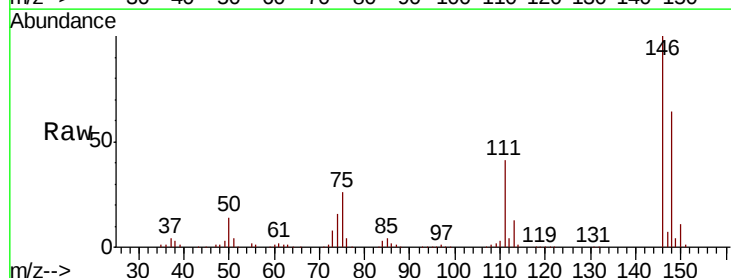


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

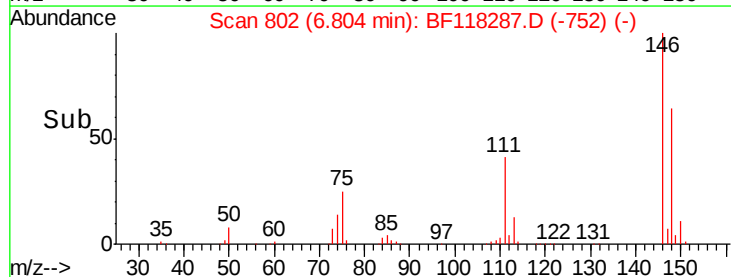
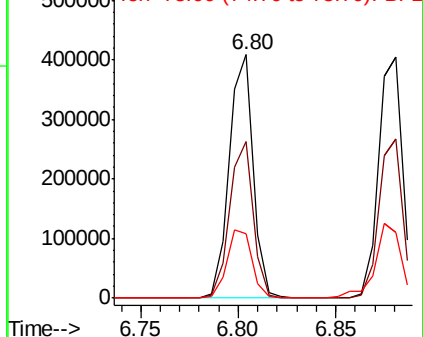


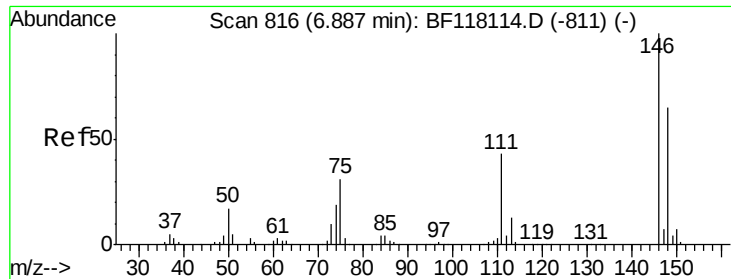
#12
1,3-Dichlorobenzene
Concen: 44.543 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion: 146 Resp: 346818
Ion Ratio Lower Upper
146 100
148 64.2 50.2 75.4
75 26.3 24.6 37.0



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

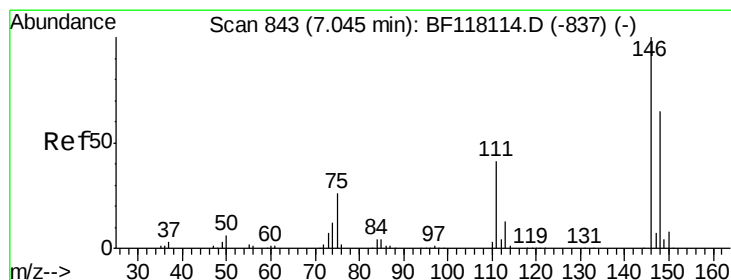
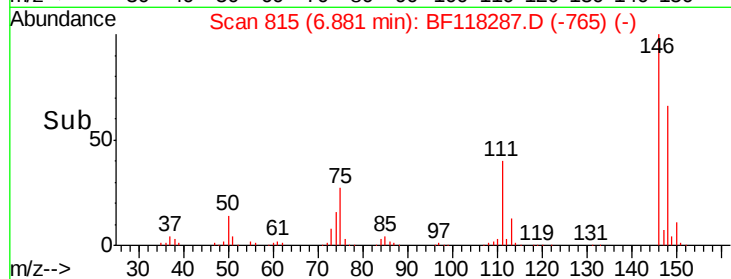
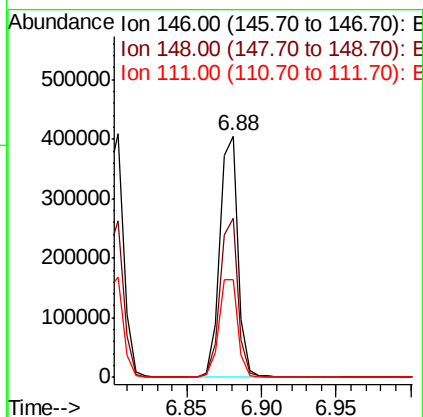
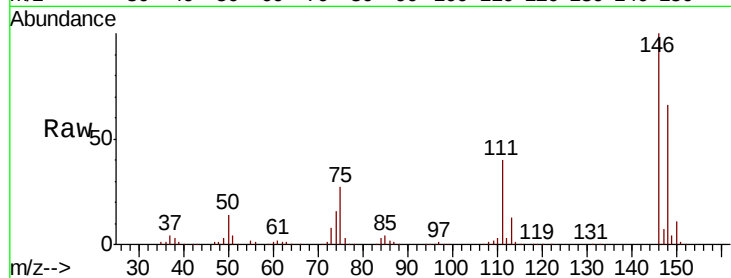




#13
 1,4-Dichlorobenzene
 Concen: 44.704 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF118287.D
 Acq: 19 Dec 2019 18:57

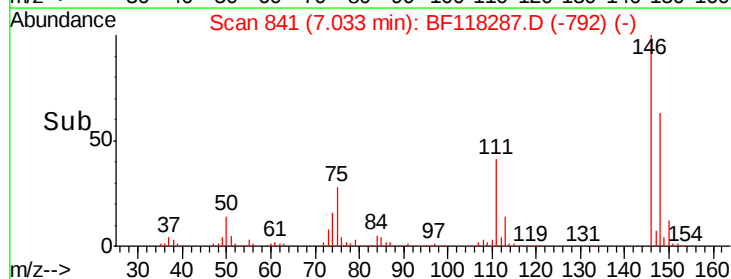
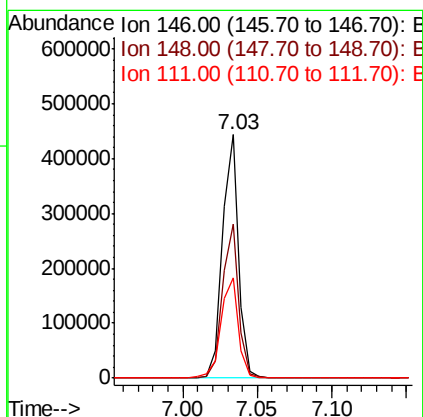
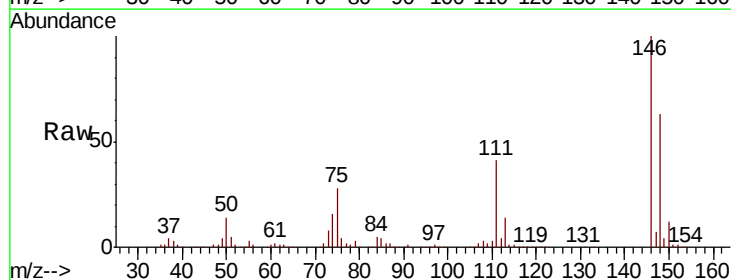
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 350491
 Ion Ratio Lower Upper
 146 100
 148 65.8 52.1 78.1
 111 40.3 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 45.996 ng
 RT: 7.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF118287.D
 Acq: 19 Dec 2019 18:57

Tgt Ion:146 Resp: 338661
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.2 78.2
 111 41.4 33.1 49.7





#15

Benzyl Alcohol

Concen: 48.631 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

Instrument :

BNA_F

ClientSampleId :

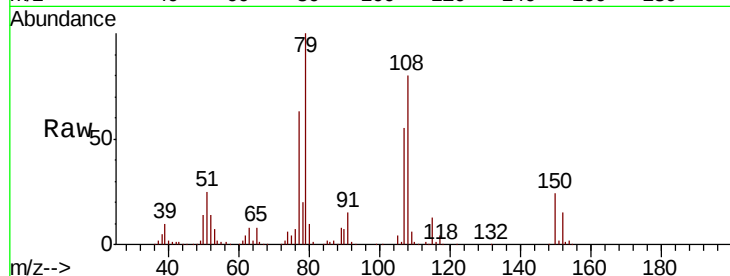
Tot Ion: 79 Resp: 271411

Ion Ratio Lower Upper

79 100

108 79.7 62.7 94.1

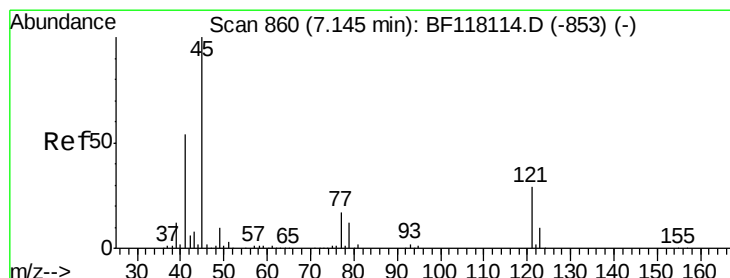
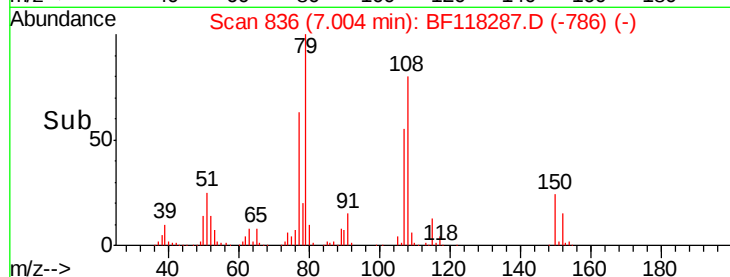
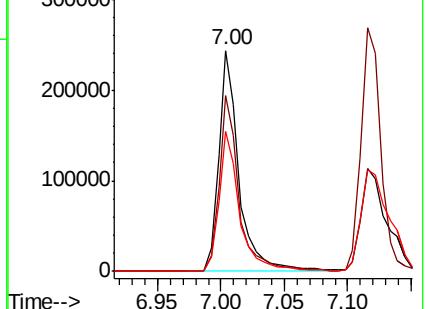
77 63.2 51.4 77.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.818 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

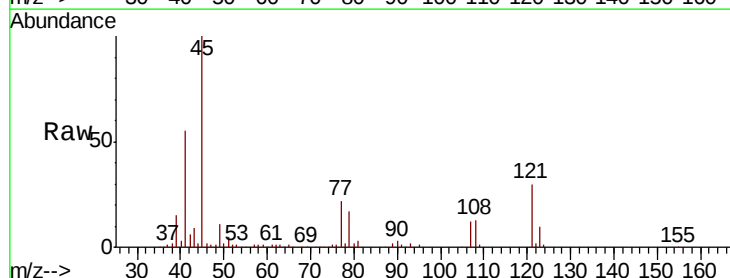
Tgt Ion: 45 Resp: 317780

Ion Ratio Lower Upper

45 100

77 22.1 0.0 38.0

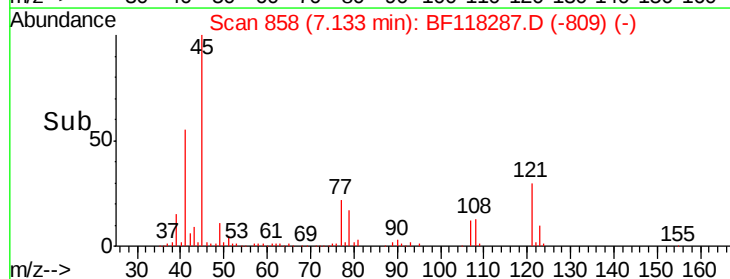
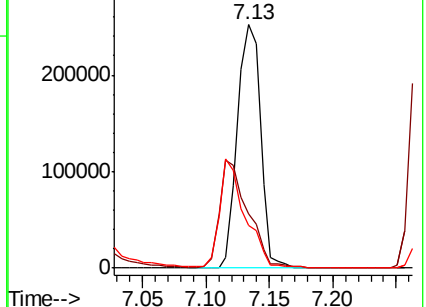
79 17.5 0.0 33.2

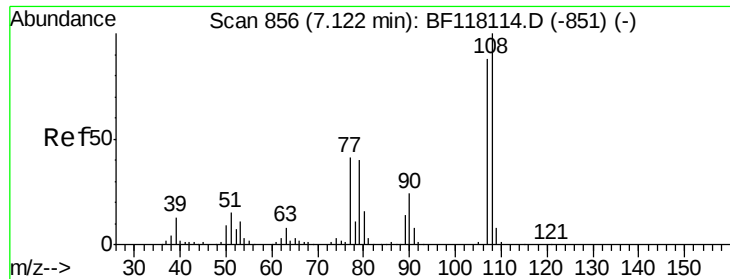


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

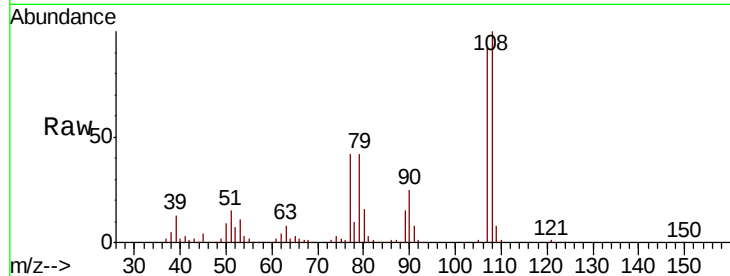




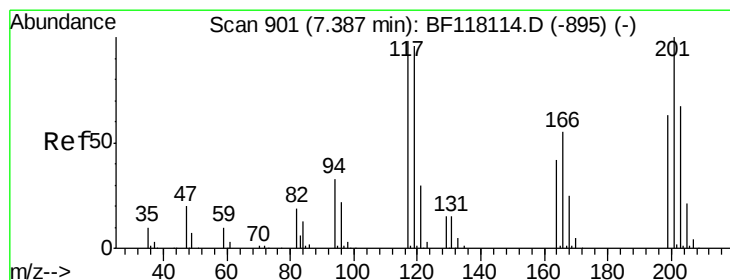
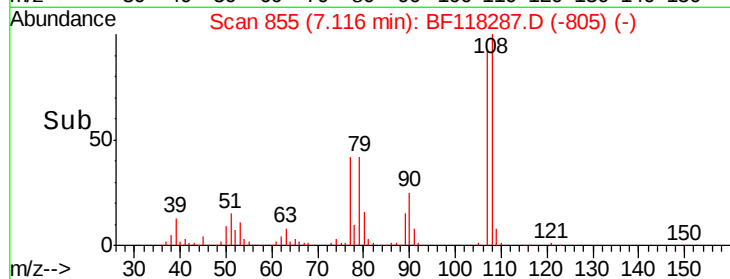
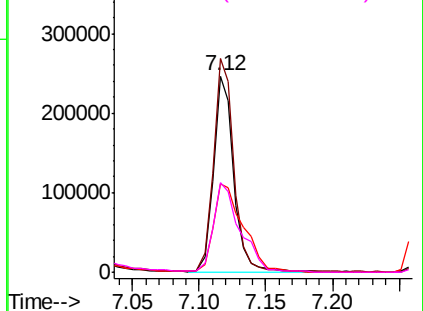
#17
2-Methylphenol
Concen: 49.097 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	260273
Ion	Ratio	Lower	Upper
107	100		
108	108.8	91.1	136.7
77	45.3	37.8	56.6
79	45.8	37.0	55.6

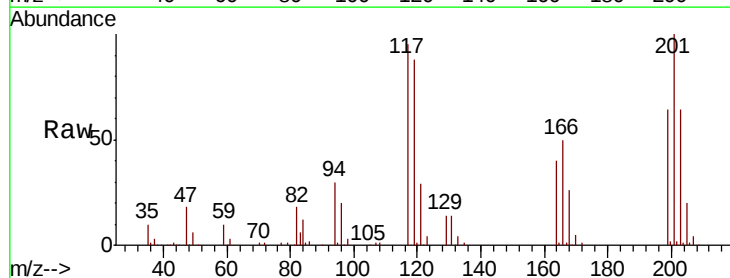


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

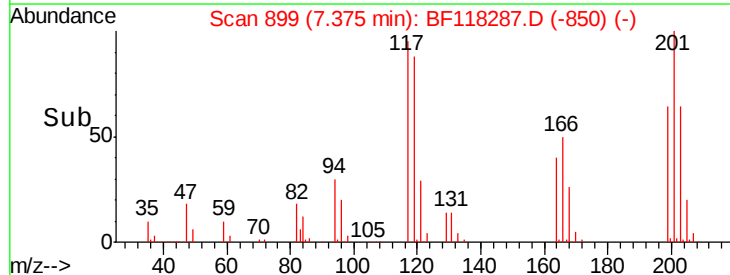
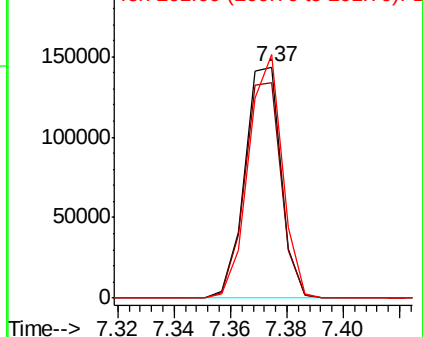


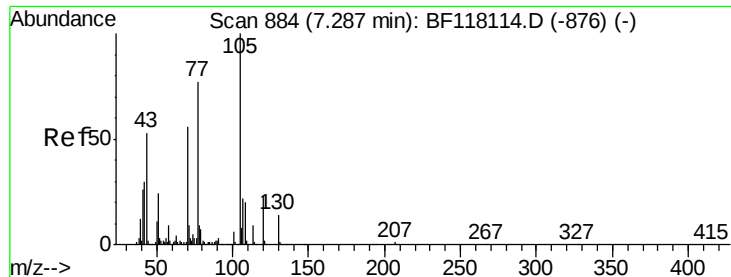
#18
Hexachloroethane
Concen: 44.252 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion:	117	Resp:	127842
Ion	Ratio	Lower	Upper
117	100		
119	93.1	78.2	117.4
201	105.4	81.6	122.4



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

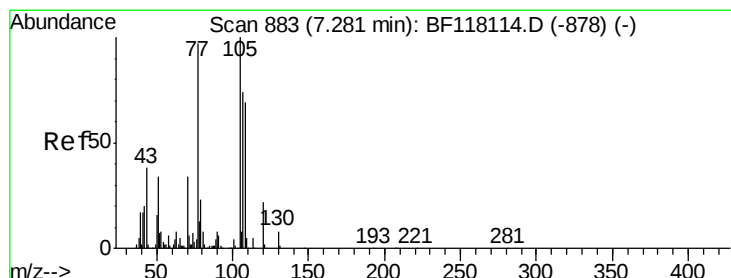
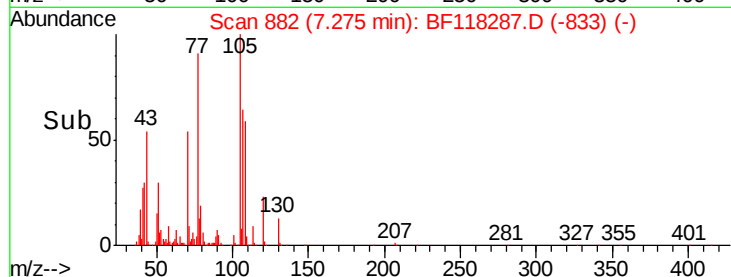
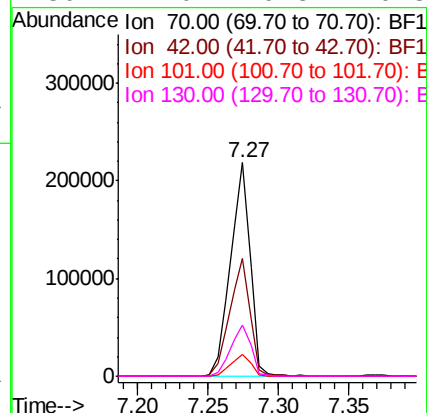
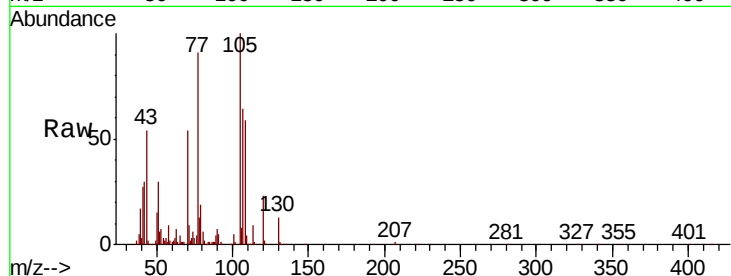




#19
n-Nitroso-di-n-propylamine
Concen: 48.957 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

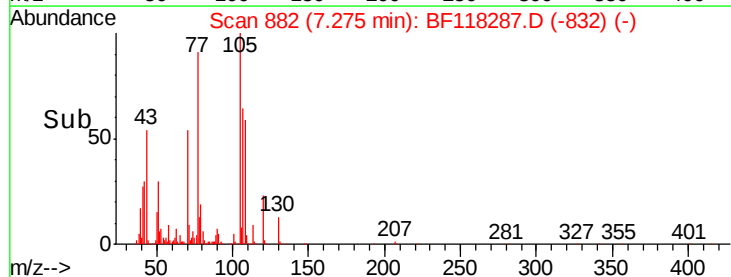
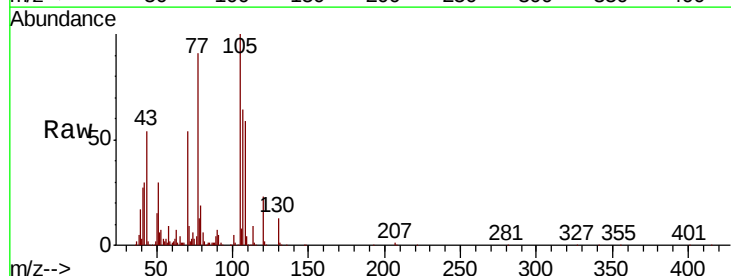
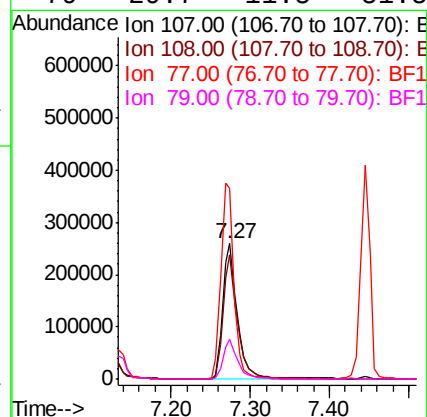
Instrument :
BNA_F
ClientSampleId :

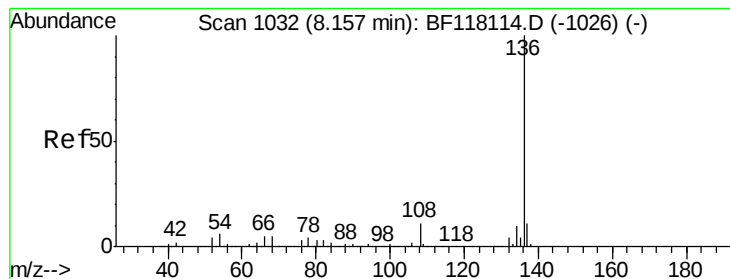
Tot Ion	Ratio	Lower	Upper
70	100		
42	55.1	43.2	64.8
101	9.9	8.1	12.1
130	24.0	19.8	29.8



#20
3+4-Methylphenols
Concen: 49.264 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.8	73.2	113.2
77	141.5	110.9	150.9
79	29.7	11.5	51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 401835

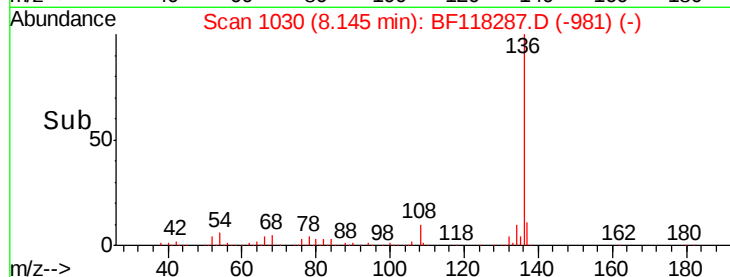
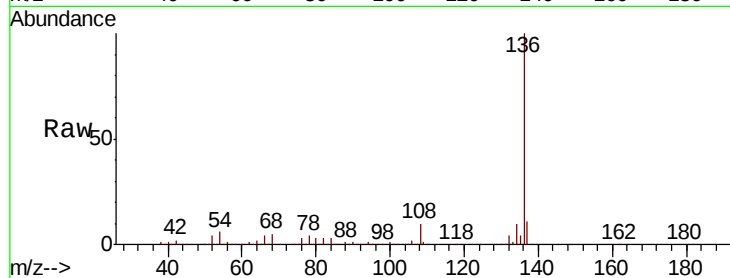
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 5.9 5.0 7.6

68 4.7 3.8 5.8

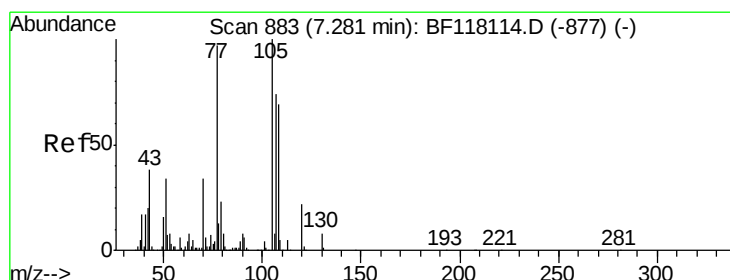
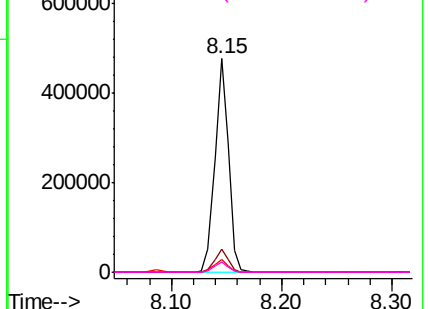


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 46.343 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

Tgt Ion:105 Resp: 447395

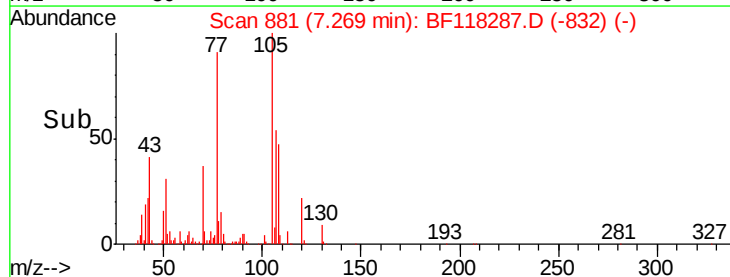
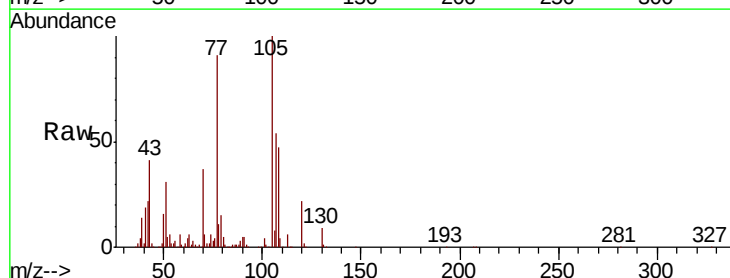
Ion Ratio Lower Upper

105 100

71 6.2 4.7 7.1

51 30.6 27.1 40.7

120 21.9 17.8 26.6

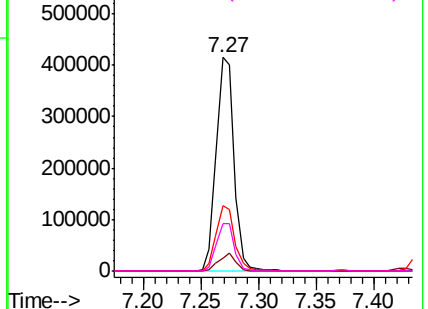


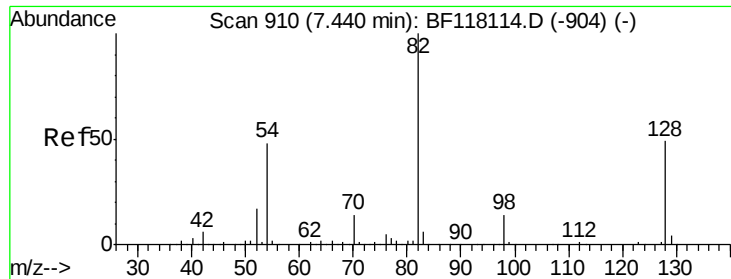
Abundance Ion 105.00 (104.70 to 105.70): E

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

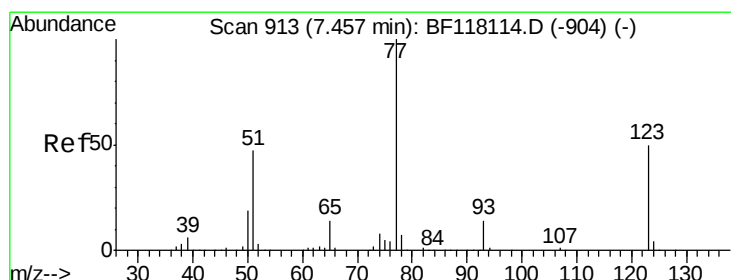
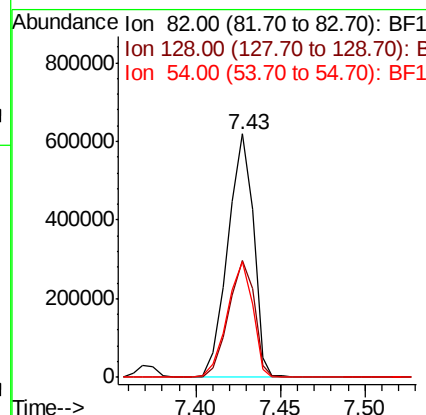
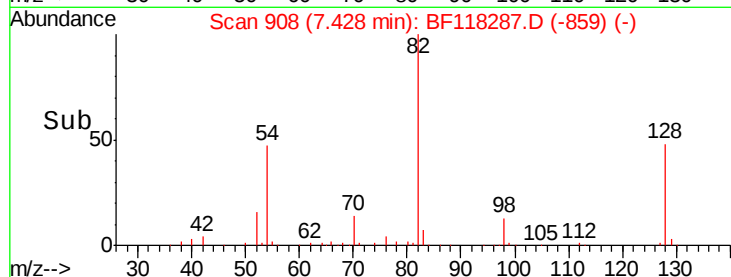
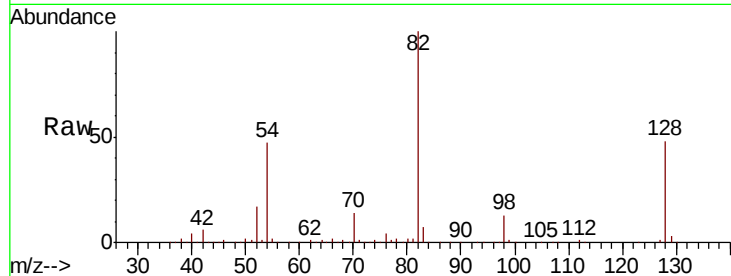




#23
 Nitrobenzene-d5
 Concen: 91.886 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF118287.D
 Acq: 19 Dec 2019 18:57

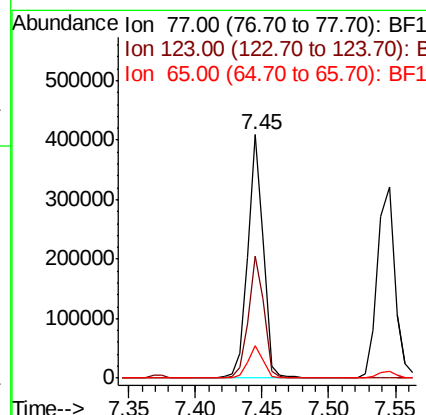
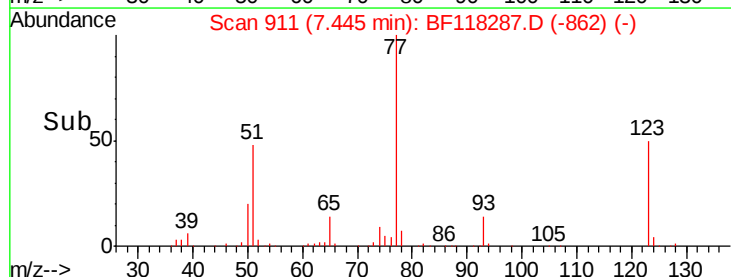
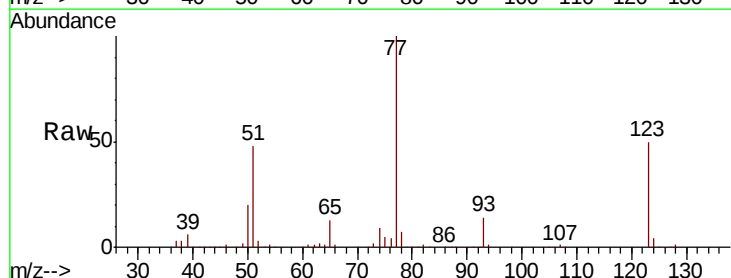
Instrument :
 BNA_F
 ClientSampleId :

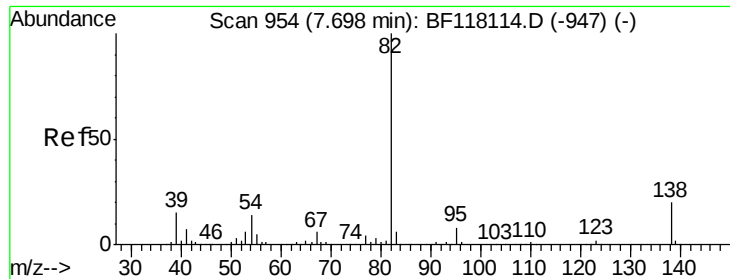
Tot Ion: 82 Resp: 656320
 Ion Ratio Lower Upper
 82 100
 128 47.8 39.1 58.7
 54 47.2 38.2 57.2



#24
 Nitrobenzene
 Concen: 46.609 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF118287.D
 Acq: 19 Dec 2019 18:57

Tgt Ion: 77 Resp: 327088
 Ion Ratio Lower Upper
 77 100
 123 50.2 40.1 60.1
 65 13.5 10.9 16.3





#25

Isophorone

Concen: 48.978 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

Instrument :

BNA_F

ClientSampleId :

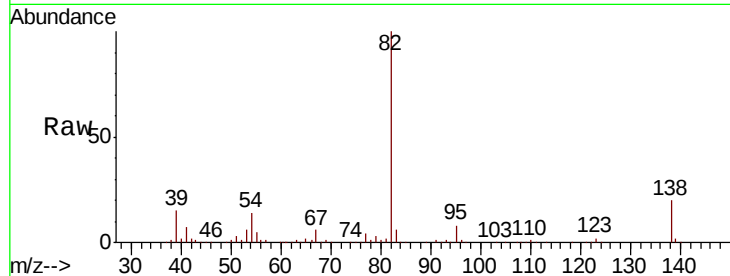
Tot Ion: 82 Resp: 593047

Ion Ratio Lower Upper

82 100

95 8.0 6.3 9.5

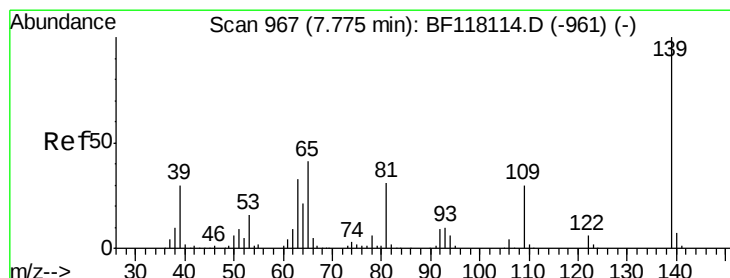
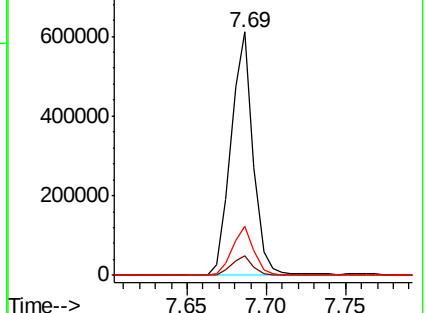
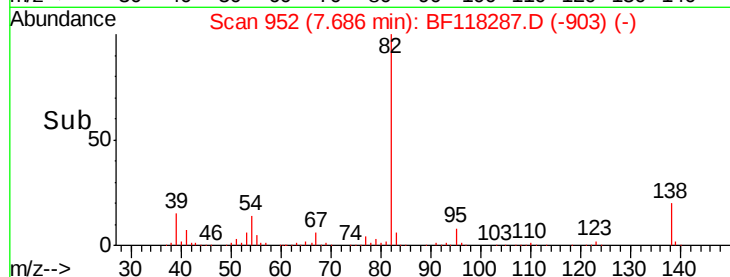
138 20.1 16.3 24.5



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: 49.008 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

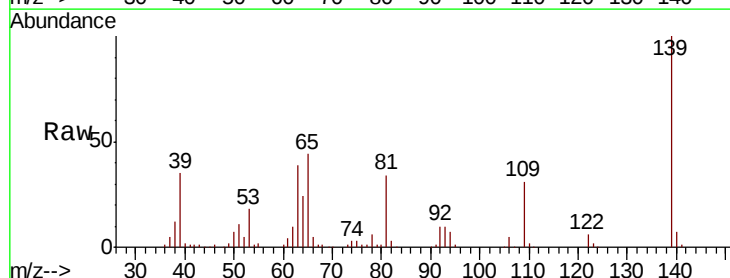
Tgt Ion: 139 Resp: 183821

Ion Ratio Lower Upper

139 100

109 31.3 23.9 35.9

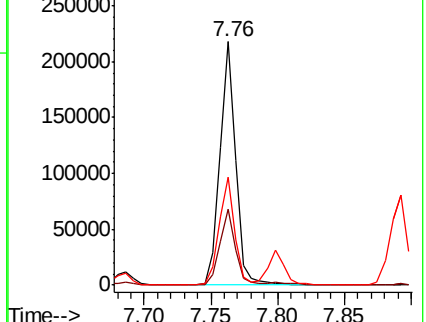
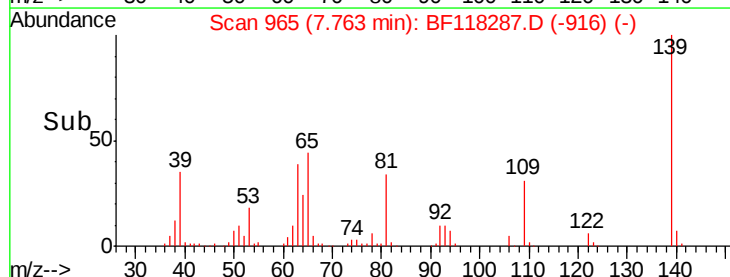
65 44.4 33.0 49.6

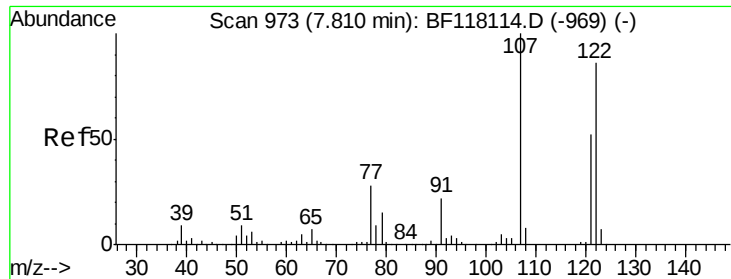


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

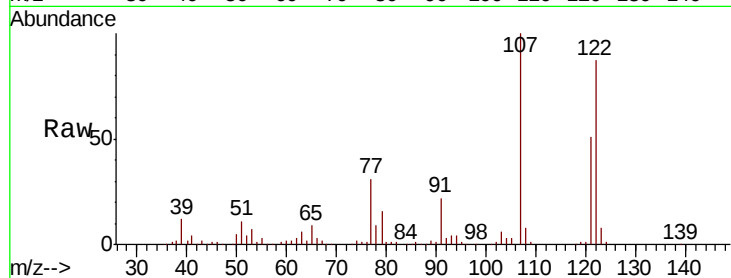




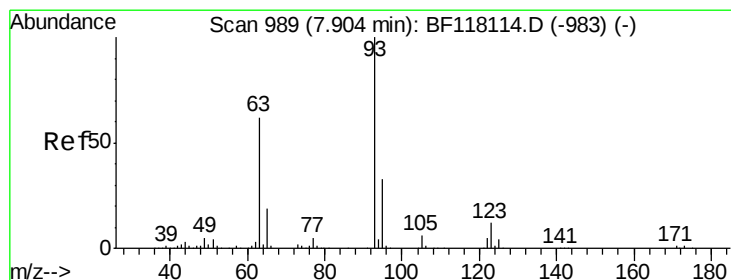
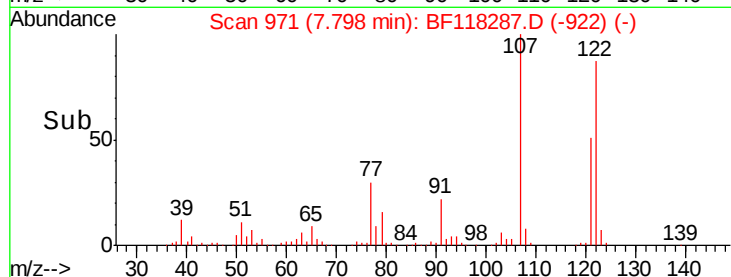
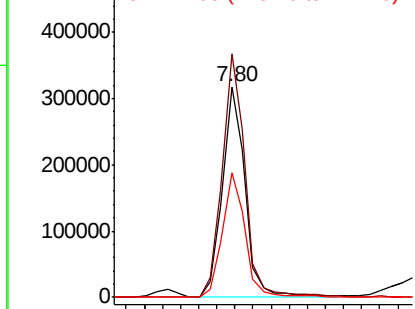
#27
2,4-Dimethylphenol
Concen: 55.598 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.4	92.9	139.3
121	59.0	48.3	72.5

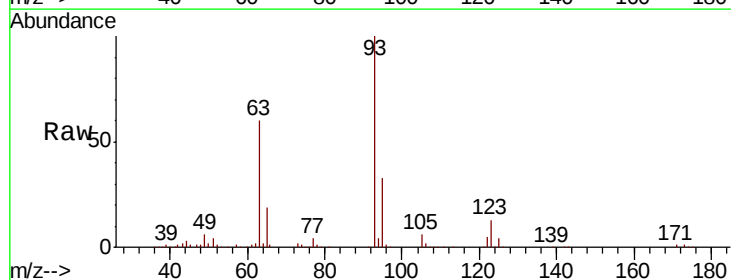


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

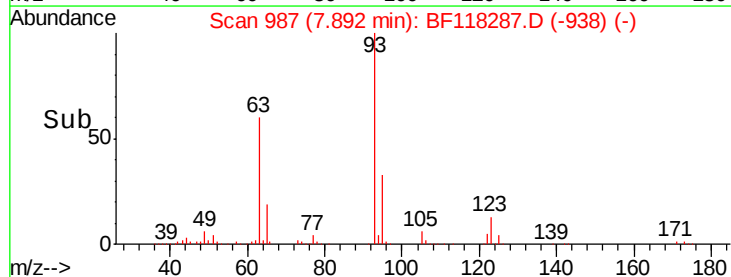
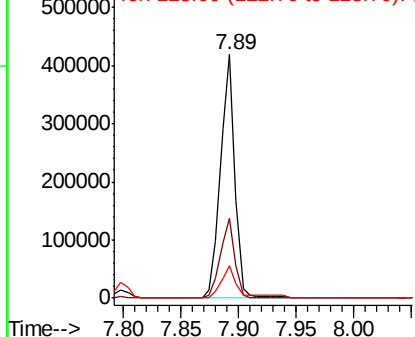


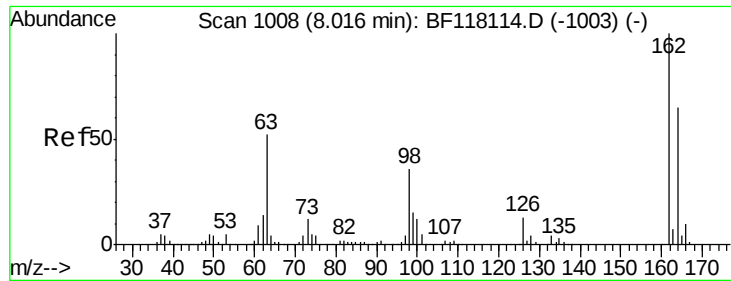
#28
bis(2-Chloroethoxy)methane
Concen: 46.035 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.7	40.1
123	13.2	10.0	15.0



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

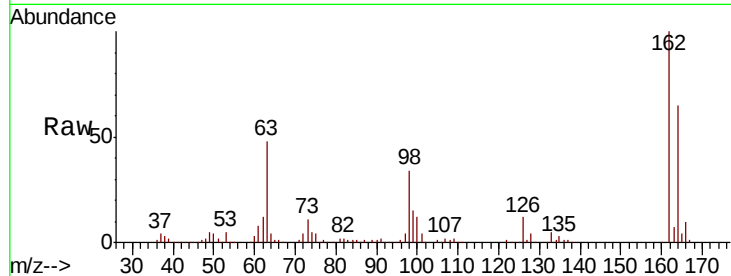




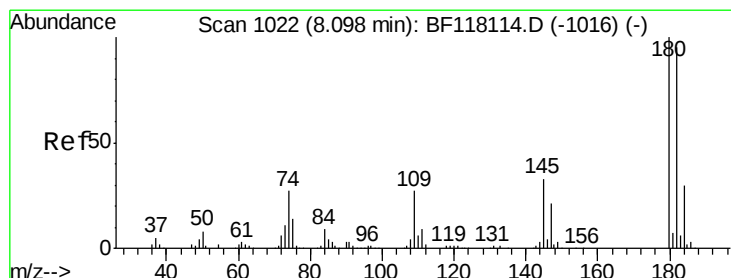
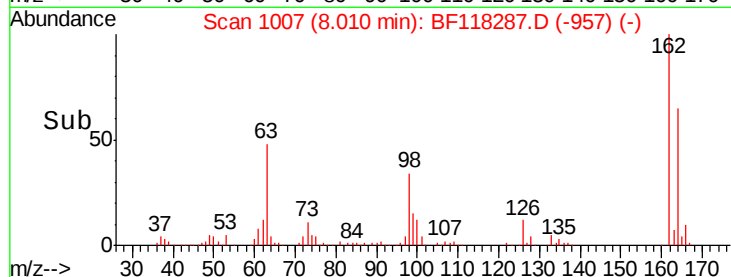
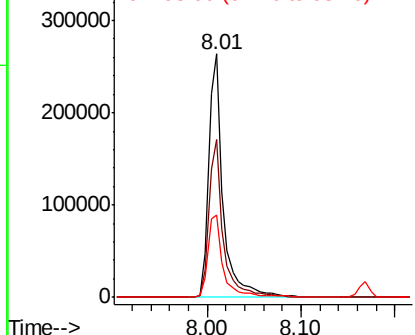
#29
 2,4-Dichlorophenol
 Concen: 48.863 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF118287.D
 Acq: 19 Dec 2019 18:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	45.2	85.2
98	33.9	15.9	55.9

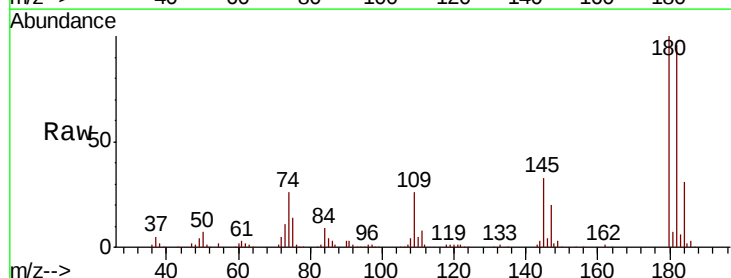


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

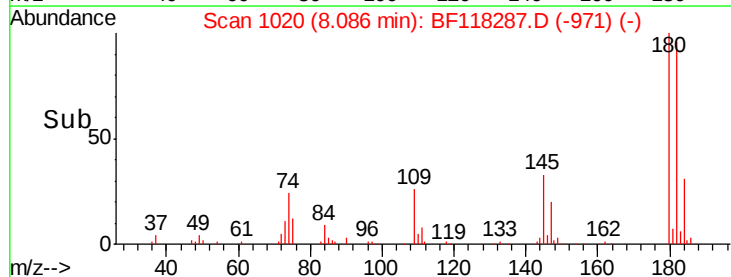
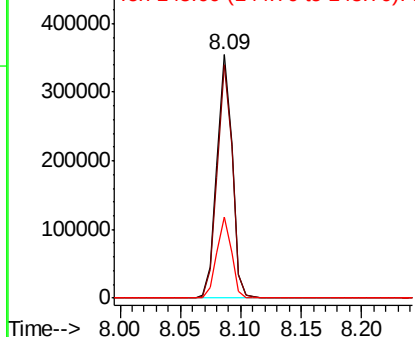


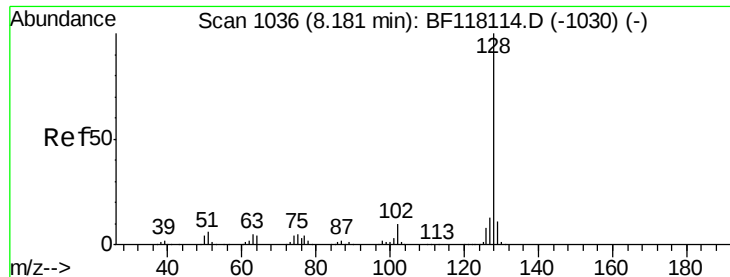
#30
 1,2,4-Trichlorobenzene
 Concen: 44.985 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BF118287.D
 Acq: 19 Dec 2019 18:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.1	114.1
145	33.1	26.1	39.1



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

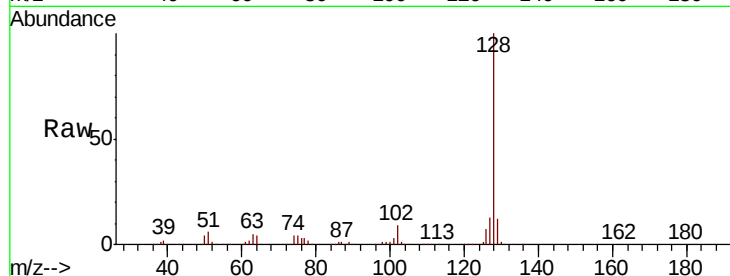




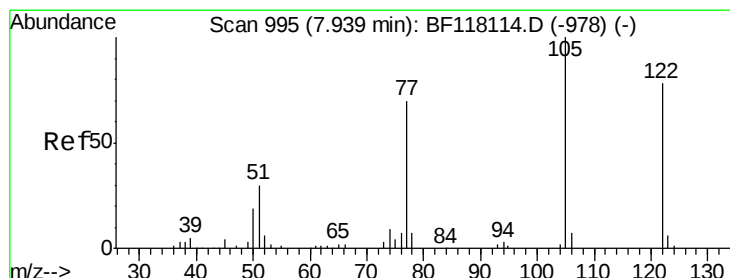
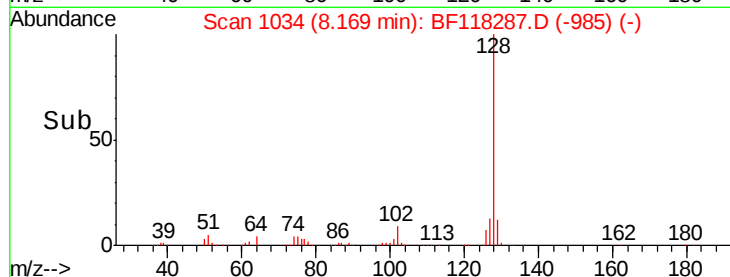
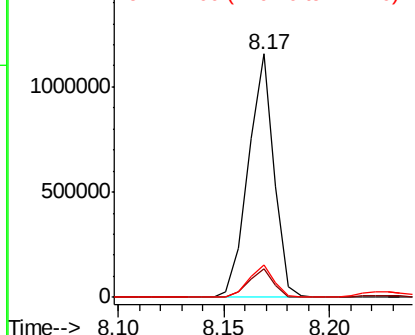
#31
Naphthalene
Concen: 48.380 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 976361
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.3 10.6 16.0

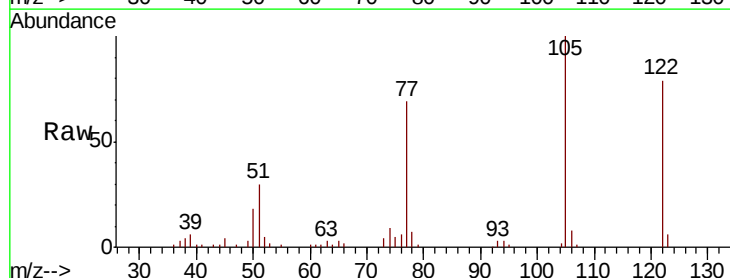


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

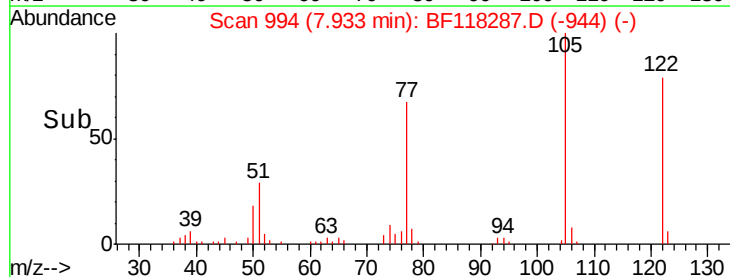
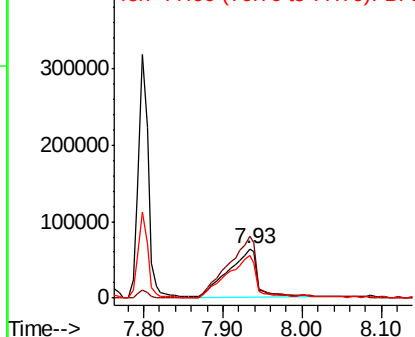


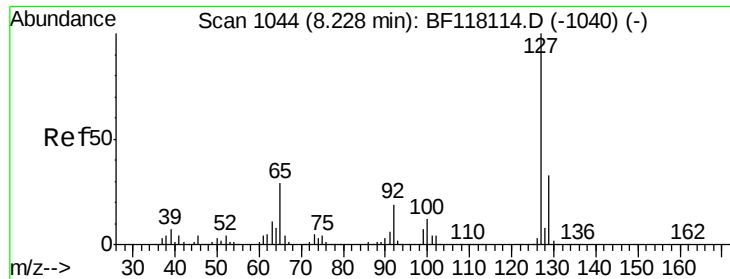
#32
Benzoic acid
Concen: 36.705 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion:122 Resp: 165815
Ion Ratio Lower Upper
122 100
105 125.9 104.7 144.7
77 86.3 69.1 109.1



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

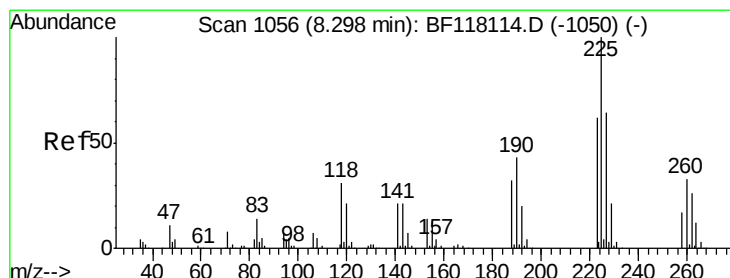
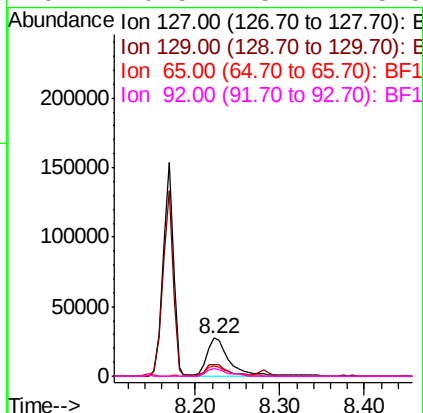
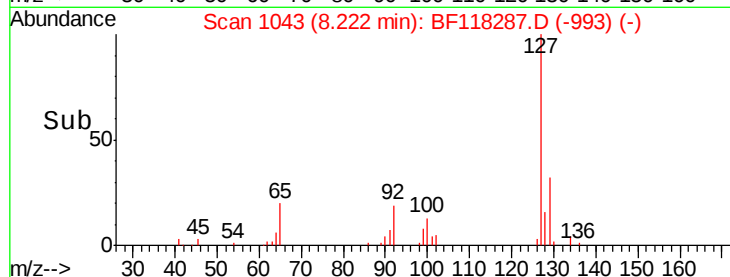
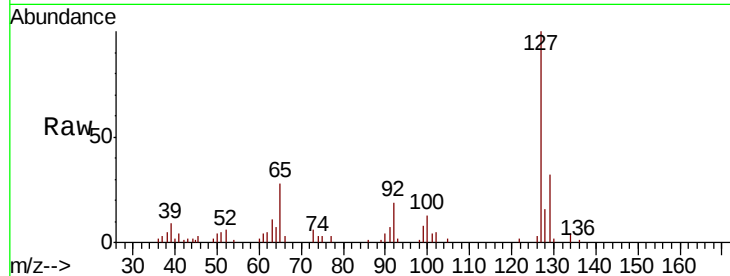




#33
4-Chloroaniline
Concen: 5.824 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

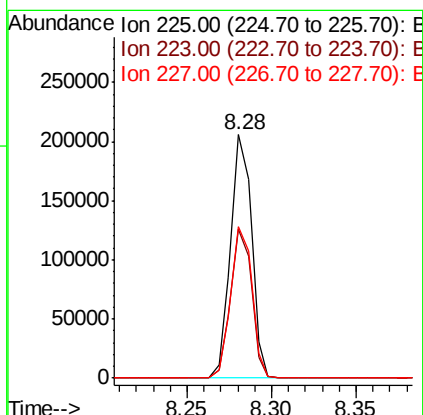
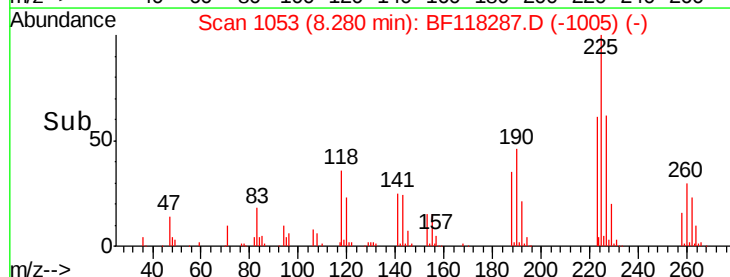
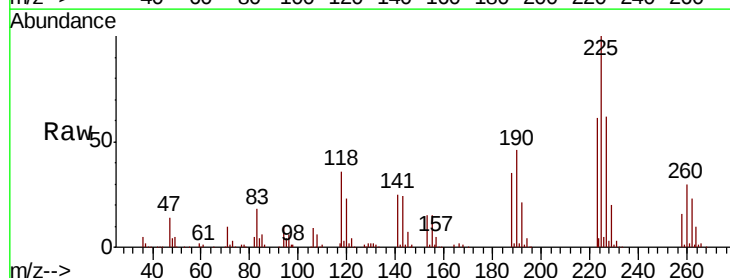
Instrument :
BNA_F
ClientSampleId :

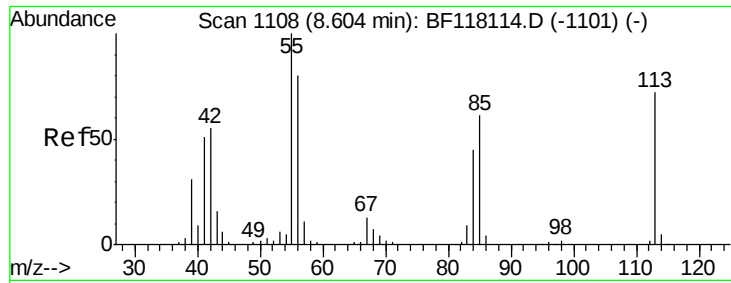
Tot Ion:	127	Resp:	50746
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.6	40.0
65	28.2	23.2	34.8
92	19.5	15.4	23.0



#34
Hexachlorobutadiene
Concen: 43.688 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion:	225	Resp:	178572
Ion	Ratio	Lower	Upper
225	100		
223	61.0	49.6	74.4
227	62.4	51.0	76.6

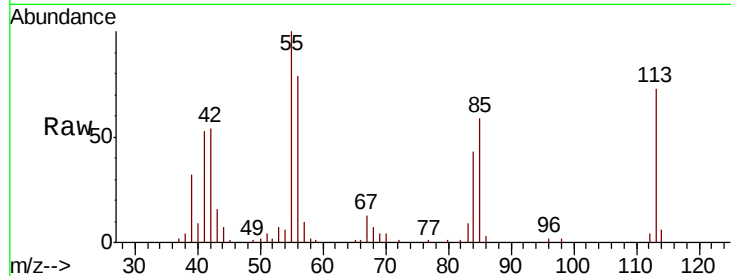




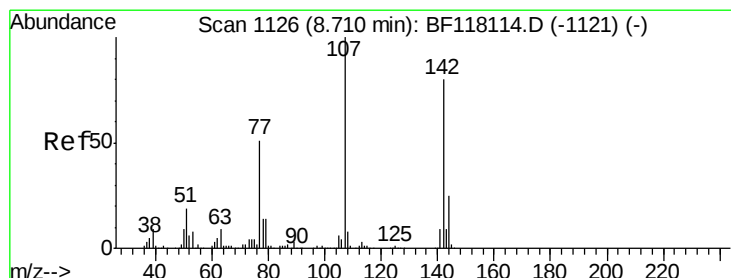
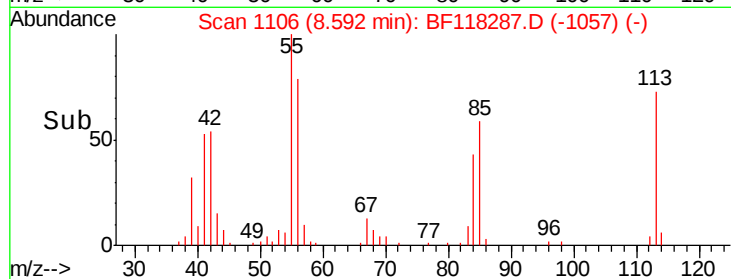
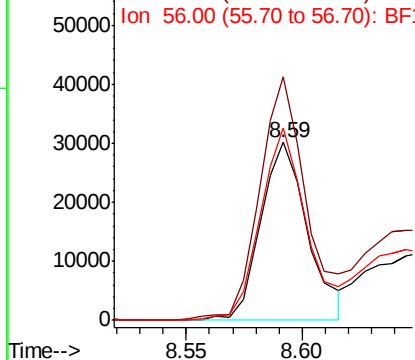
#35
 Caprolactam
 Concen: 23.521 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BF118287.D
 Acq: 19 Dec 2019 18:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 42308
 Ion Ratio Lower Upper
 113 100
 55 137.0 118.9 158.9
 56 108.4 91.4 131.4

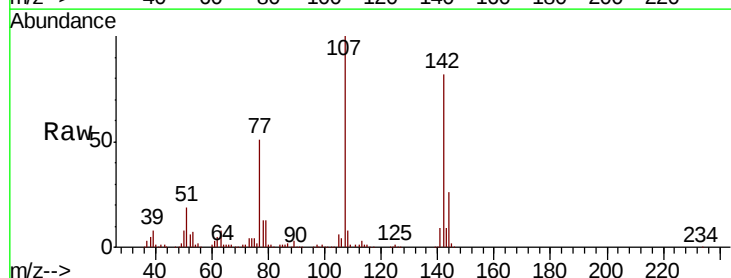


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

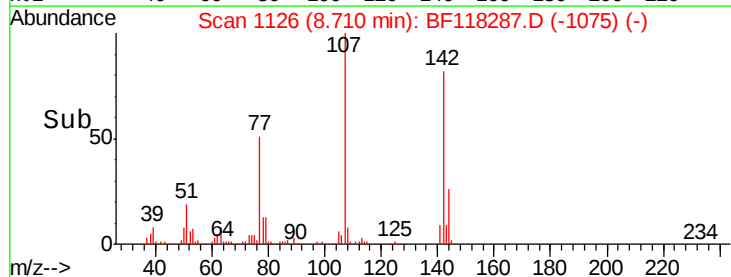
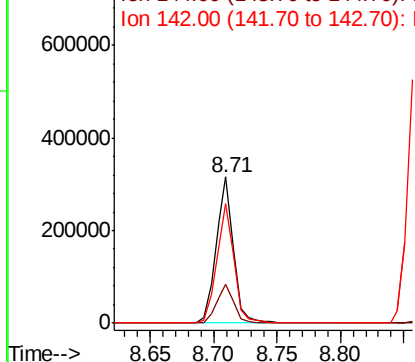


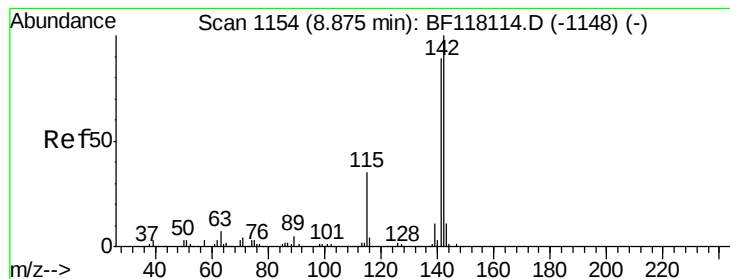
#36
 4-Chloro-3-methylphenol
 Concen: 49.524 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.00 min
 Lab File: BF118287.D
 Acq: 19 Dec 2019 18:57

Tgt Ion:107 Resp: 303981
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.3 30.5
 142 82.1 63.7 95.5



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: 50.021 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

Instrument :

BNA_F

ClientSampleId :

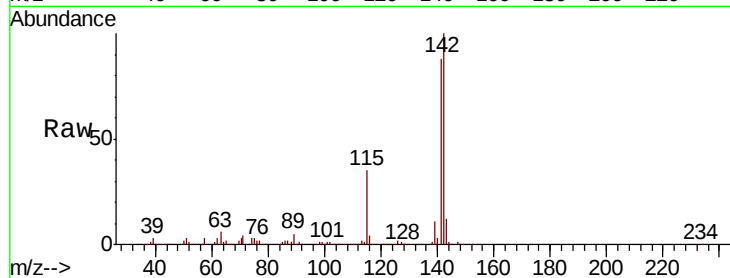
Tot Ion:142 Resp: 683420

Ion Ratio Lower Upper

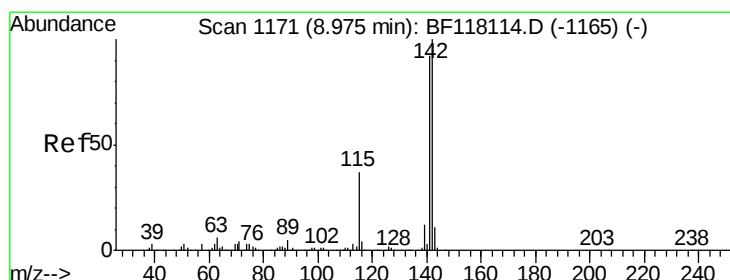
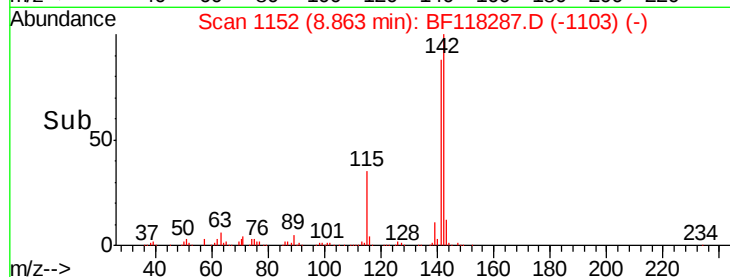
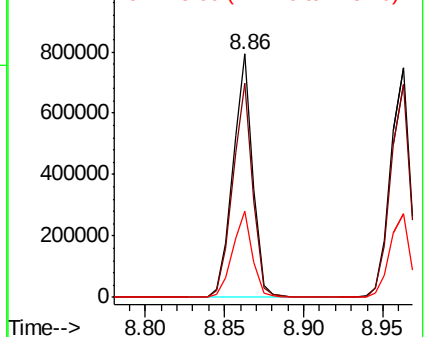
142 100

141 88.2 71.4 107.0

115 35.3 28.2 42.4



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: 49.640 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

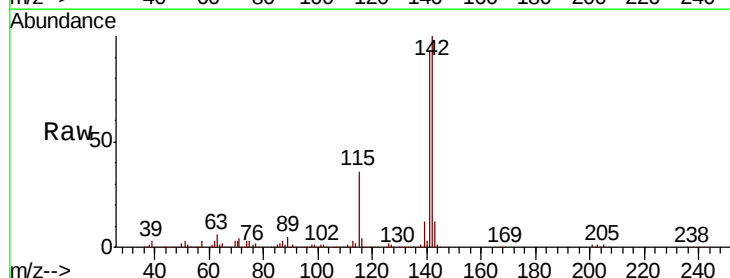
Tgt Ion:142 Resp: 636801

Ion Ratio Lower Upper

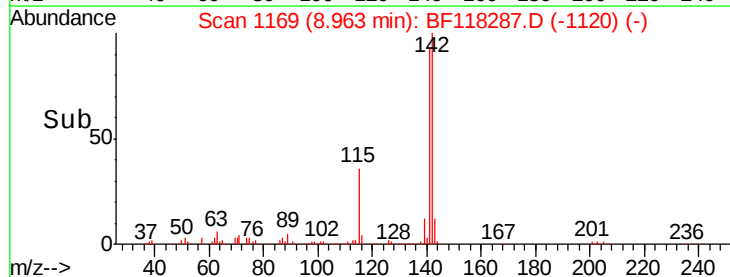
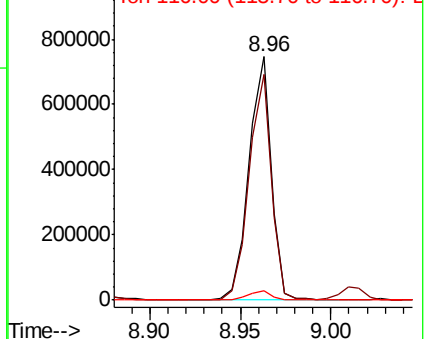
142 100

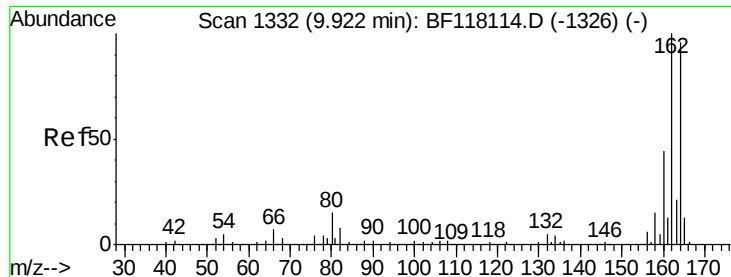
141 92.7 74.0 111.0

116 3.8 3.2 4.8



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

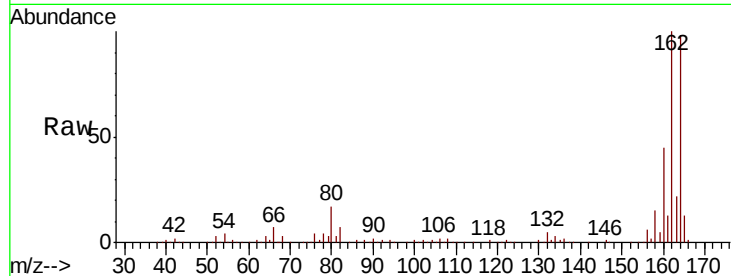




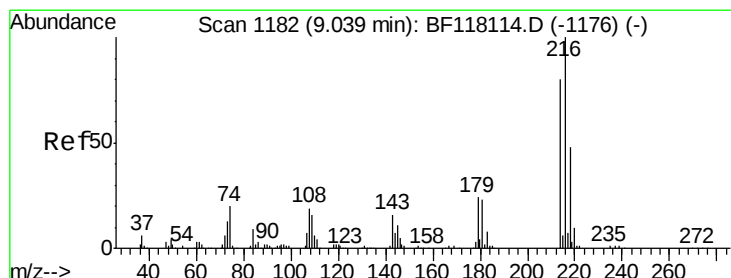
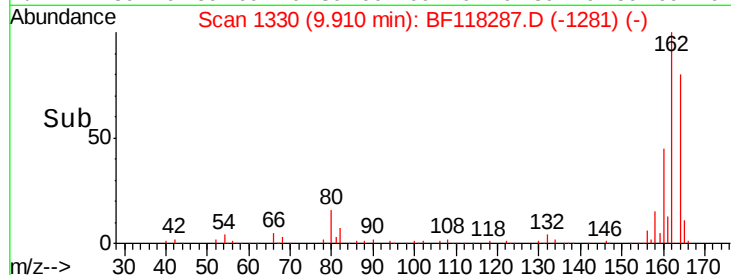
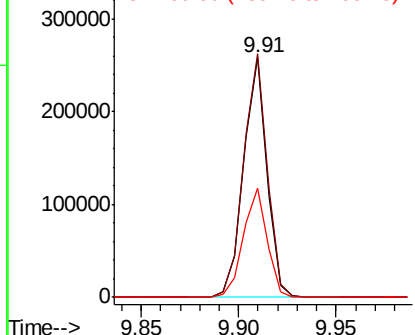
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 213341
Ion Ratio Lower Upper
164 100
162 101.7 83.4 125.0
160 45.5 36.6 54.8

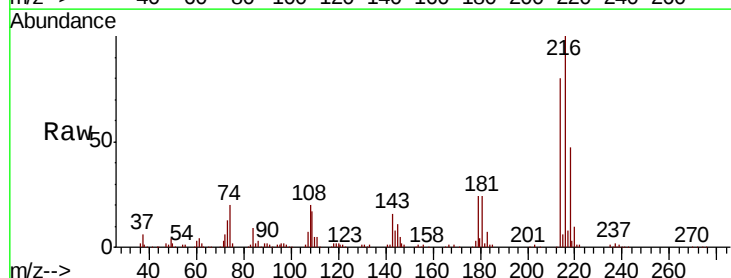


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

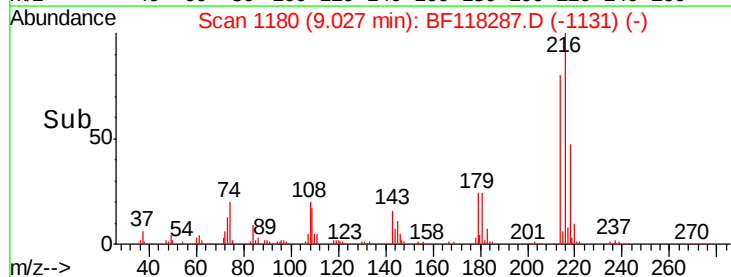
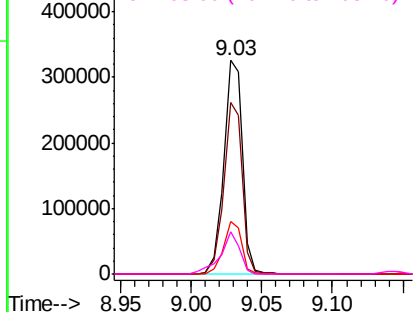


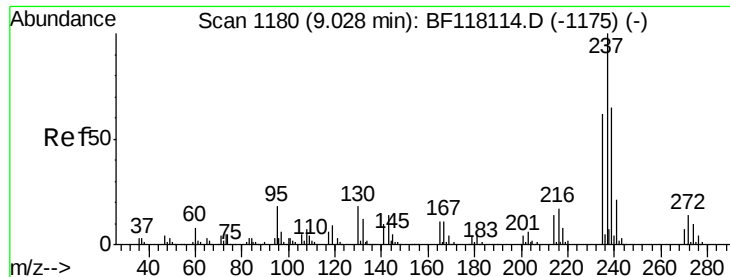
#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.028 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion:216 Resp: 297471
Ion Ratio Lower Upper
216 100
214 79.3 63.4 95.2
179 23.6 18.6 27.8
108 20.6 15.4 23.0



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: 96.935 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

Instrument :

BNA_F

ClientSampleId :

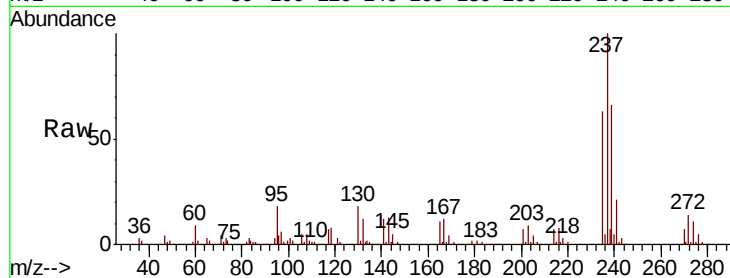
Tot Ion:237 Resp: 280692

Ion Ratio Lower Upper

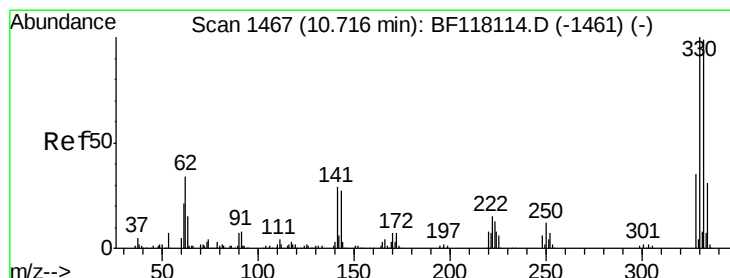
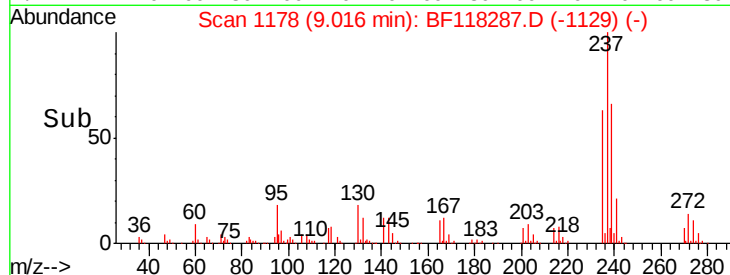
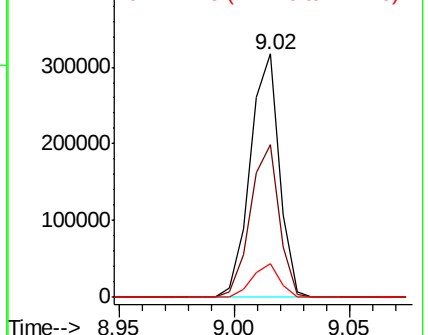
237 100

235 62.8 41.5 81.5

272 13.6 0.0 33.7



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: 153.646 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

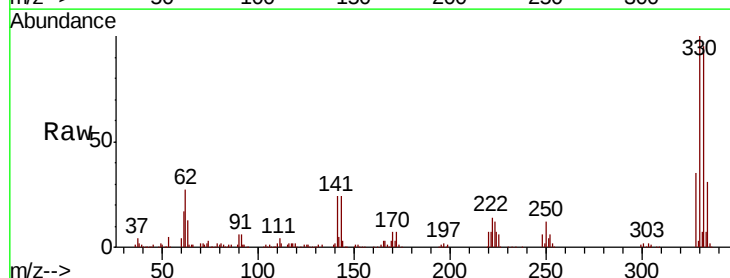
Tgt Ion:330 Resp: 398204

Ion Ratio Lower Upper

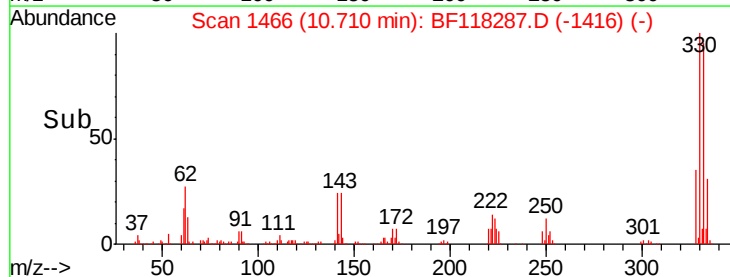
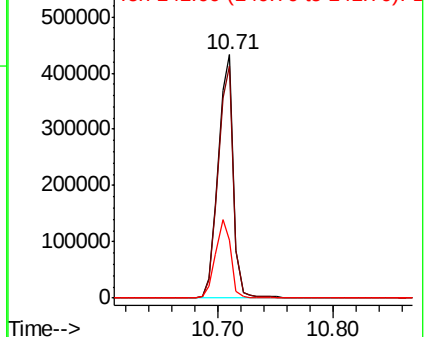
330 100

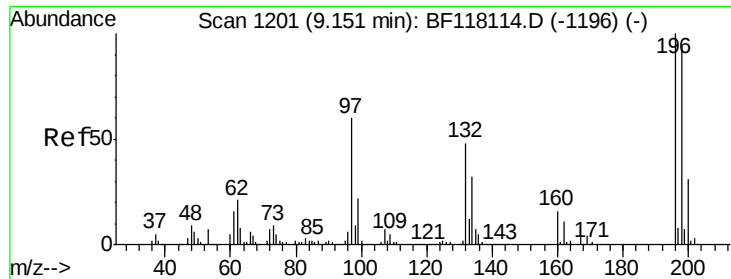
332 96.0 78.1 117.1

141 32.4 26.9 40.3



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

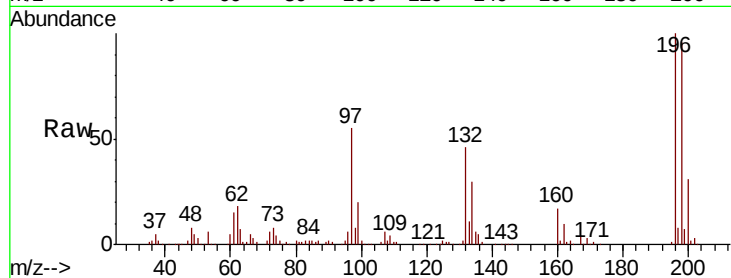




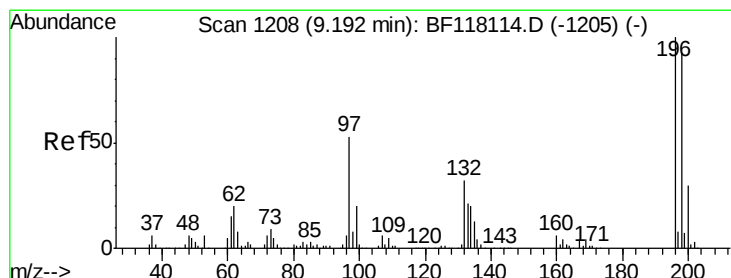
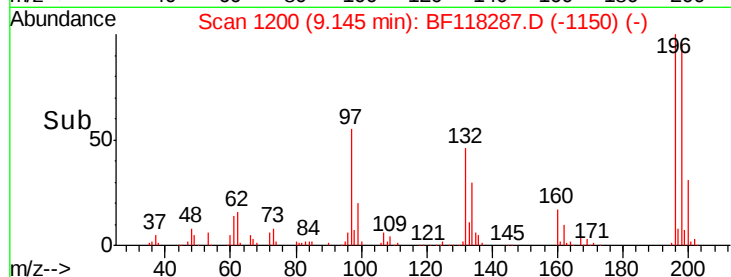
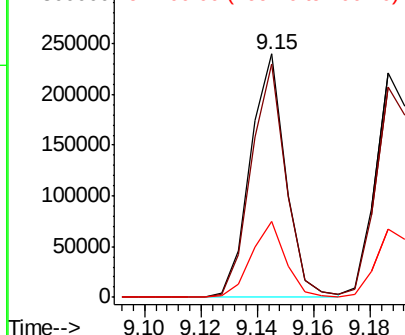
#43
 2,4,6-Trichlorophenol
 Concen: 48.181 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF118287.D
 Acq: 19 Dec 2019 18:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 207908
 Ion Ratio Lower Upper
 196 100
 198 95.6 75.0 112.4
 200 31.0 24.5 36.7

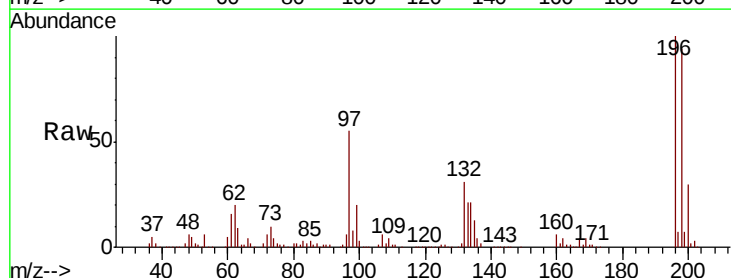


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

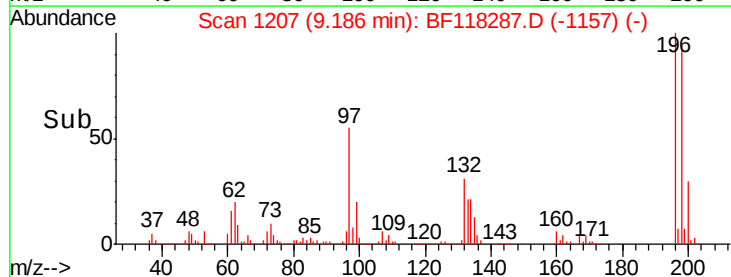
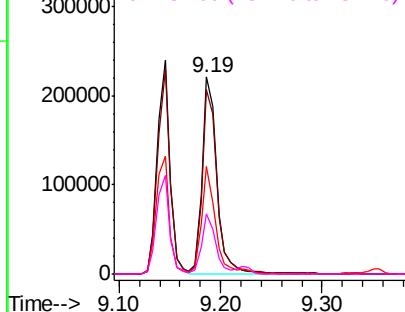


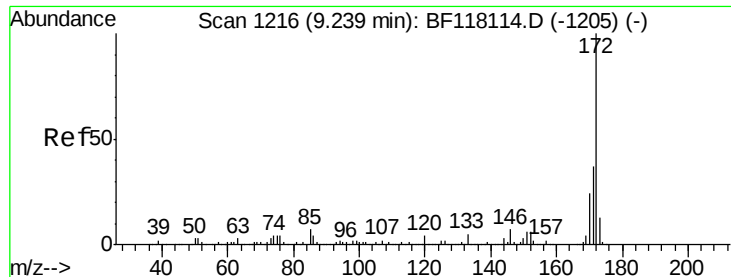
#44
 2,4,5-Trichlorophenol
 Concen: 50.294 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF118287.D
 Acq: 19 Dec 2019 18:57

Tgt Ion:196 Resp: 224847
 Ion Ratio Lower Upper
 196 100
 198 93.8 74.2 111.4
 97 54.8 42.5 63.7
 132 30.6 25.4 38.2



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

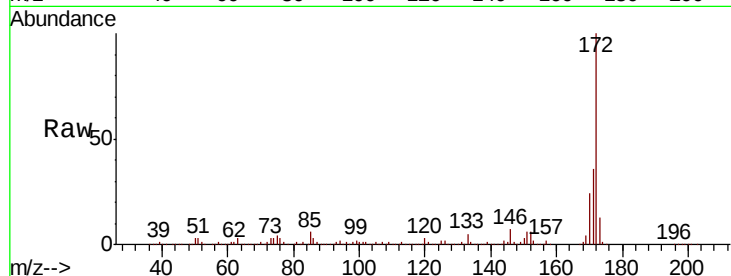




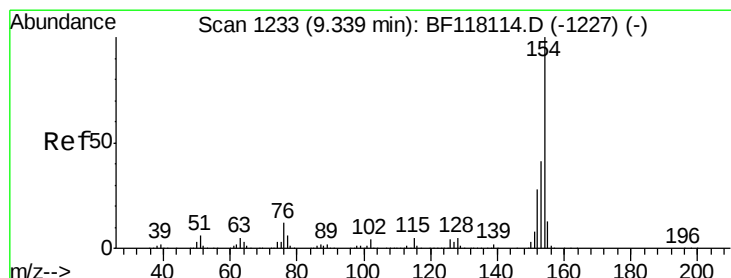
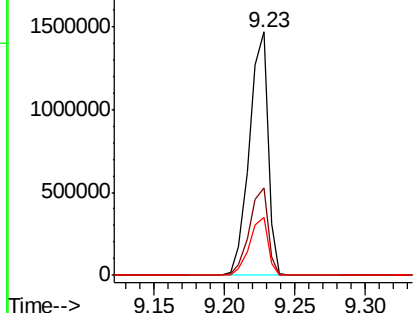
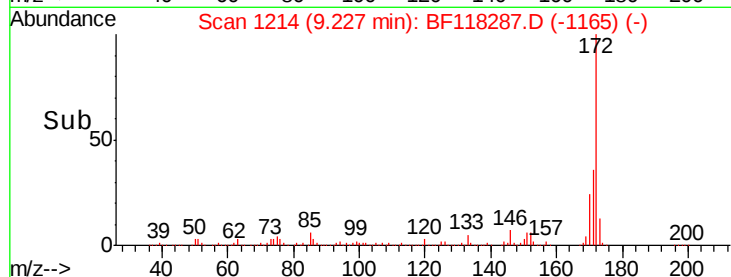
#45
2-Fluorobiphenyl
Concen: 97.864 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1372092
Ion Ratio Lower Upper
172 100
171 36.1 29.2 43.8
170 23.8 19.4 29.2

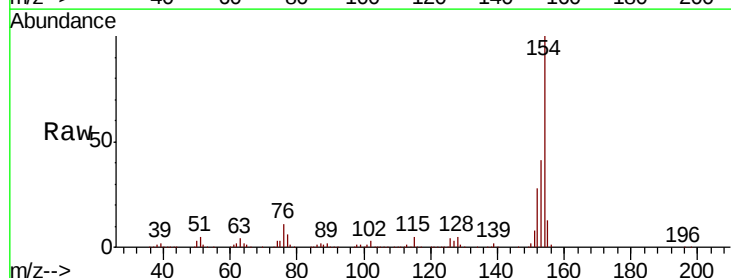


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

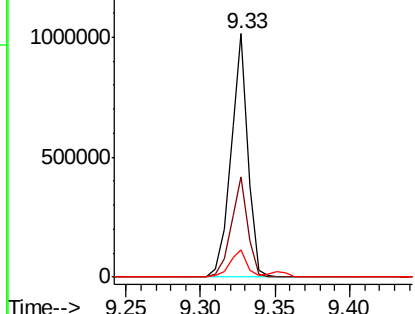
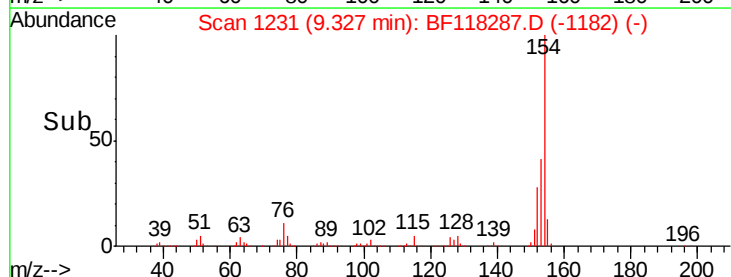


#46
1,1'-Biphenyl
Concen: 48.265 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion:154 Resp: 812100
Ion Ratio Lower Upper
154 100
153 41.1 20.7 60.7
76 11.2 0.0 31.9



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

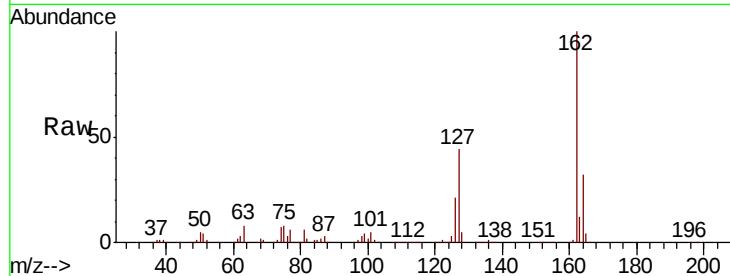




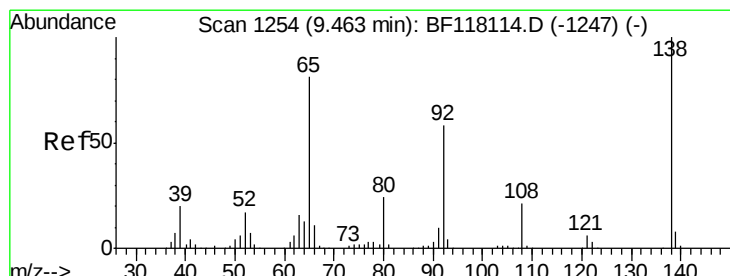
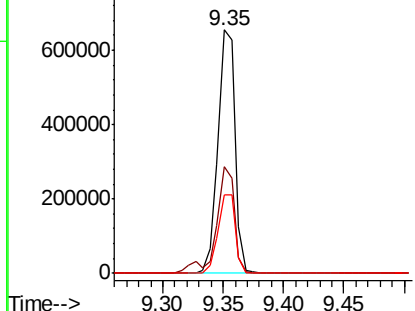
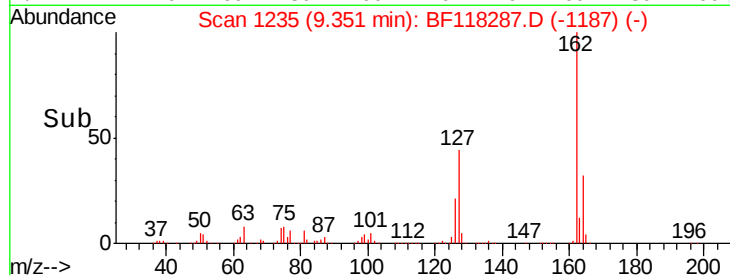
#47
2-Chloronaphthalene
Concen: 46.789 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.02 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 633293
Ion Ratio Lower Upper
162 100
127 43.9 32.0 48.0
164 32.2 26.1 39.1

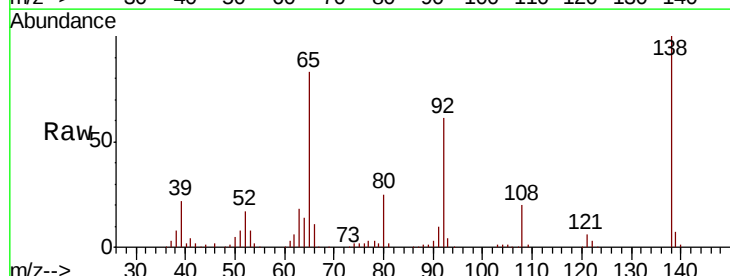


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

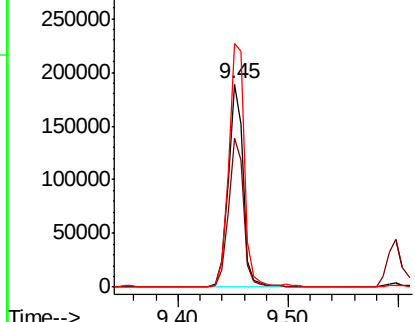
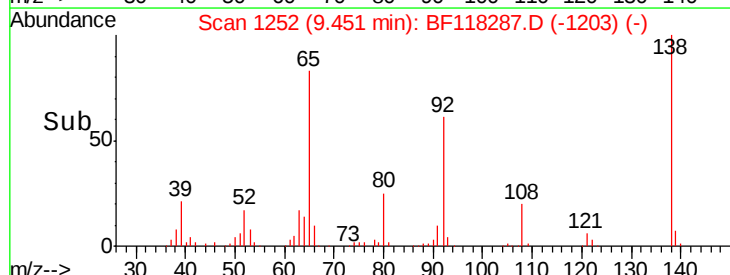


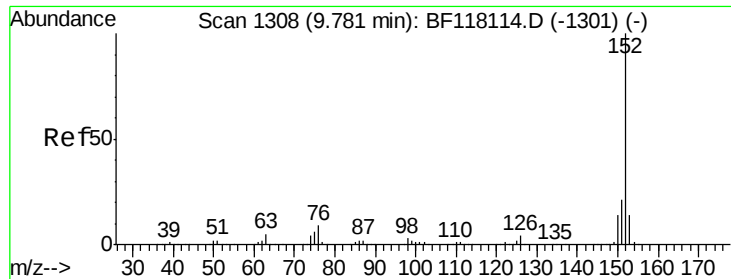
#48
2-Nitroaniline
Concen: 46.330 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion: 65 Resp: 178825
Ion Ratio Lower Upper
65 100
92 73.2 57.8 86.6
138 120.1 98.8 148.2



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 51.215 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

Instrument :

BNA_F

ClientSampled :

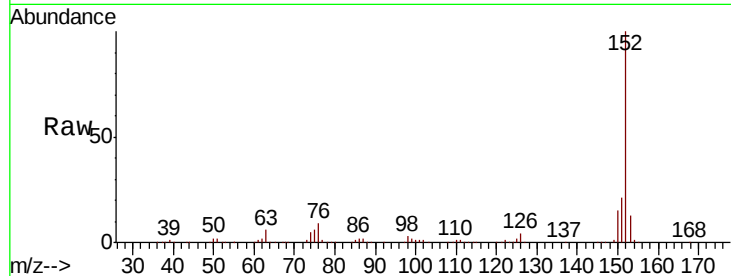
Tot Ion:152 Resp: 1022410

Ion Ratio Lower Upper

152 100

151 20.6 16.4 24.6

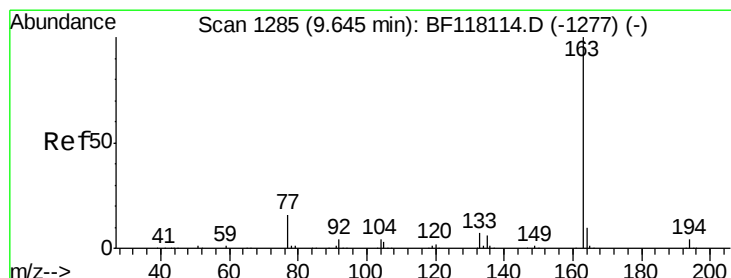
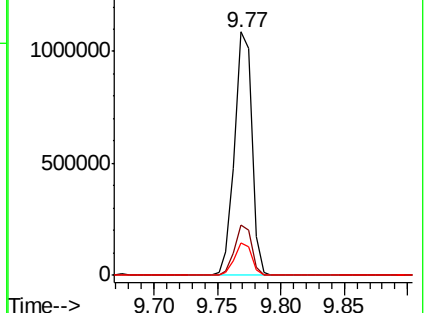
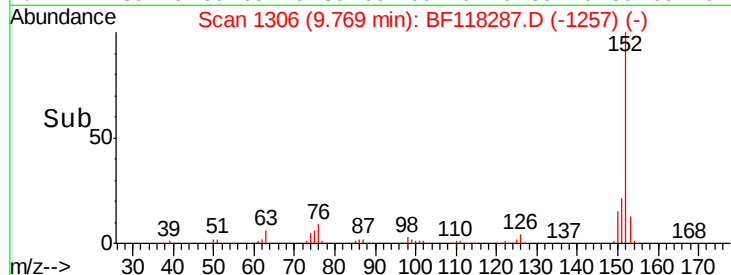
153 13.3 10.8 16.2



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: 48.722 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

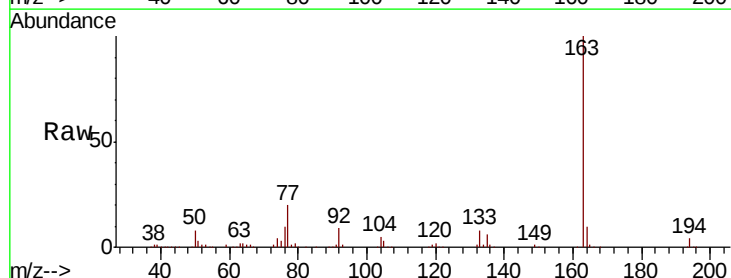
Tgt Ion:163 Resp: 767780

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

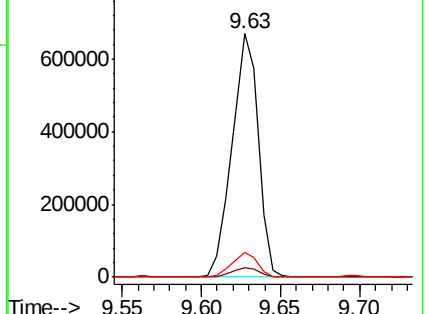
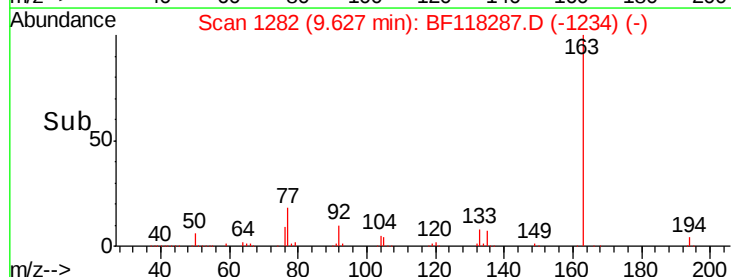
164 10.2 7.7 11.5

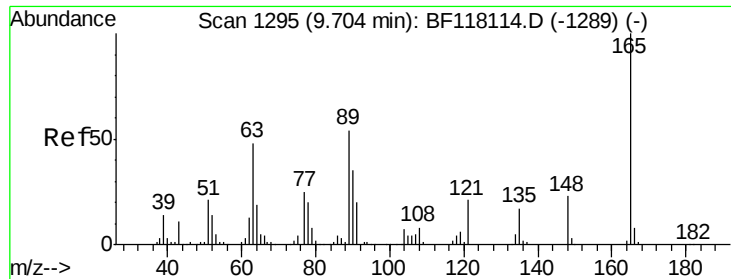


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 51.295 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

Instrument :

BNA_F

ClientSampled :

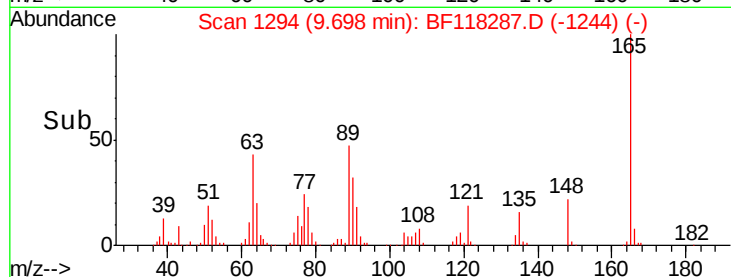
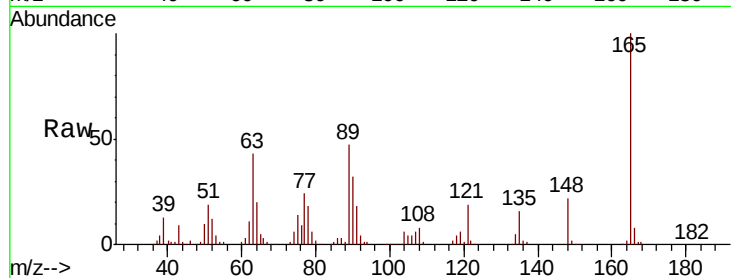
Tot Ion:165 Resp: 175766

Ion Ratio Lower Upper

165 100

63 42.6 41.4 62.0

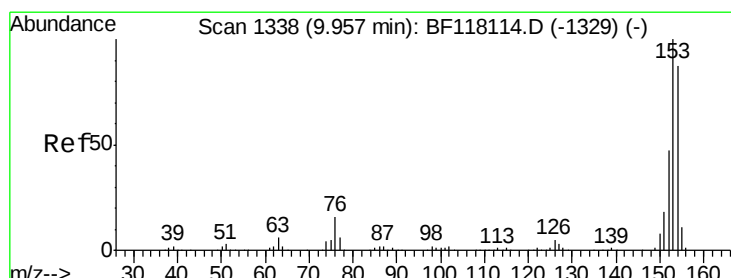
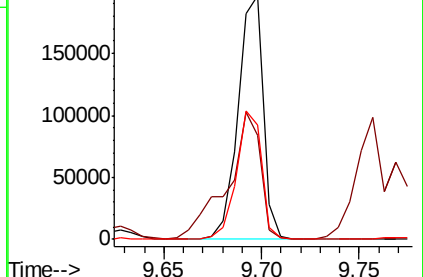
89 47.0 42.9 64.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 48.173 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

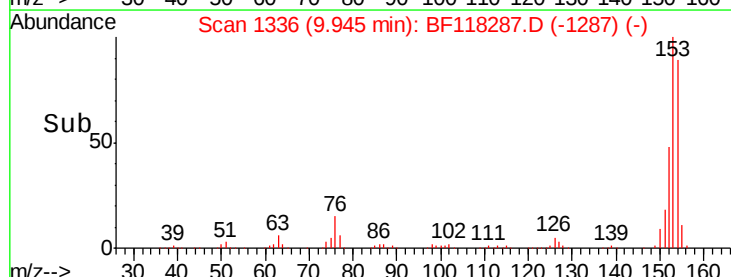
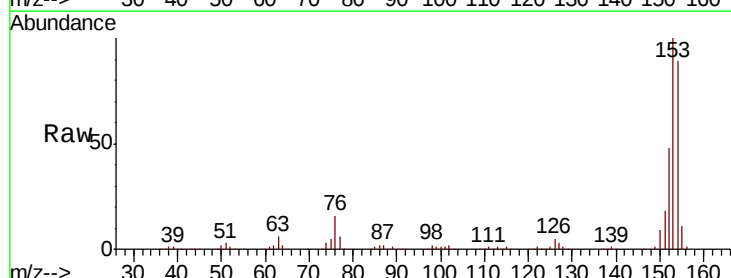
Tgt Ion:154 Resp: 586985

Ion Ratio Lower Upper

154 100

153 112.9 91.8 137.6

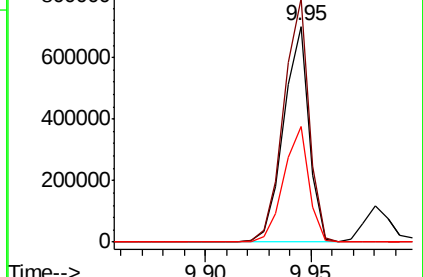
152 53.8 43.3 64.9

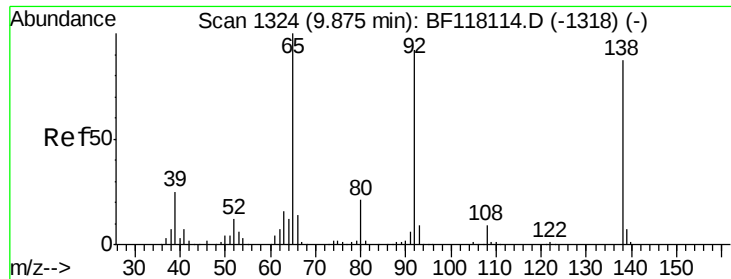


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

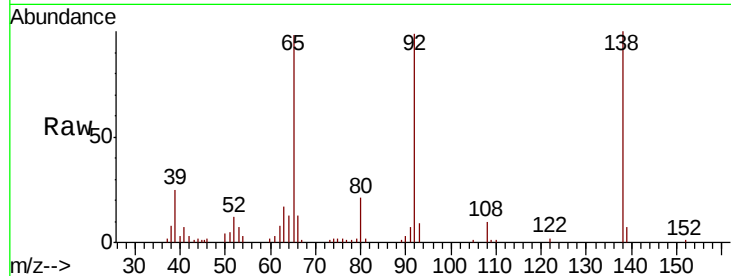




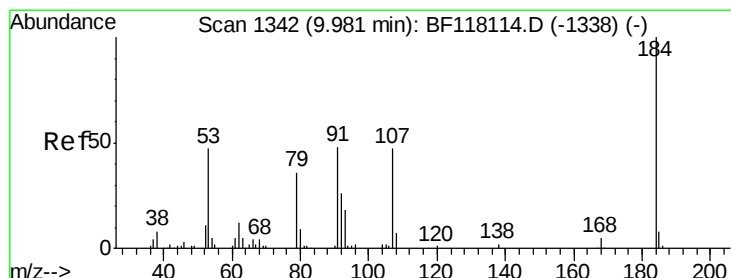
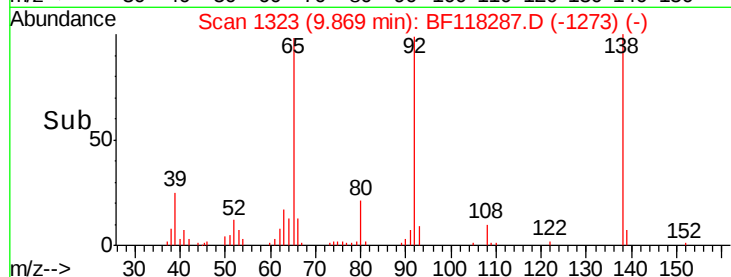
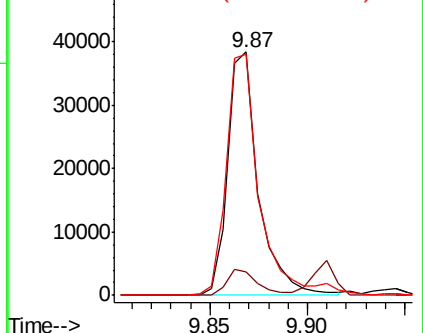
#53
3-Nitroaniline
Concen: 10.413 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 41992
Ion Ratio Lower Upper
138 100
108 9.8 8.2 12.4
92 99.3 84.9 127.3

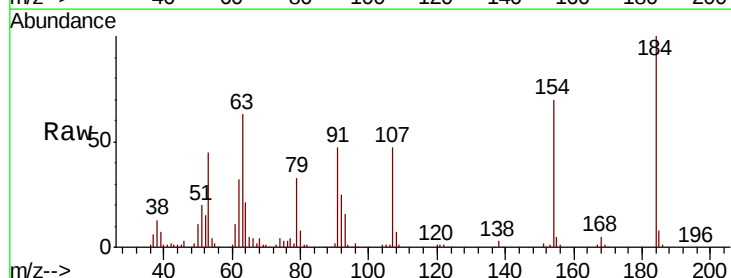


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

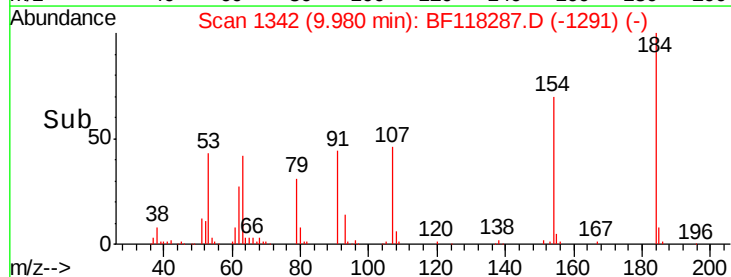
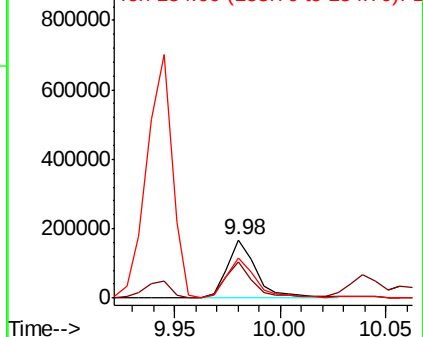


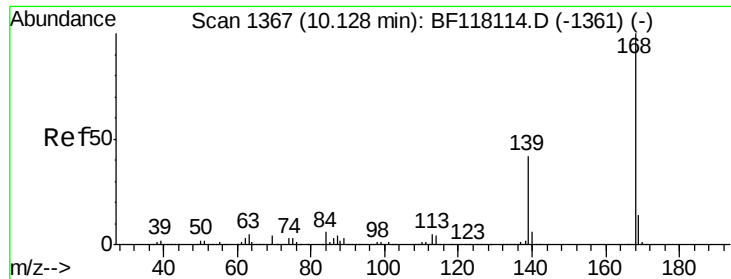
#54
2,4-Dinitrophenol
Concen: 93.815 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion:184 Resp: 159931
Ion Ratio Lower Upper
184 100
63 62.8 53.9 80.9
154 69.6 56.3 84.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

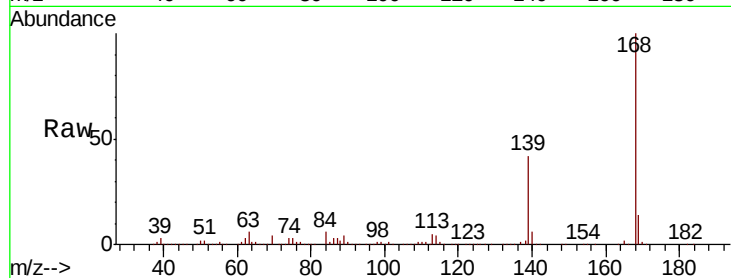




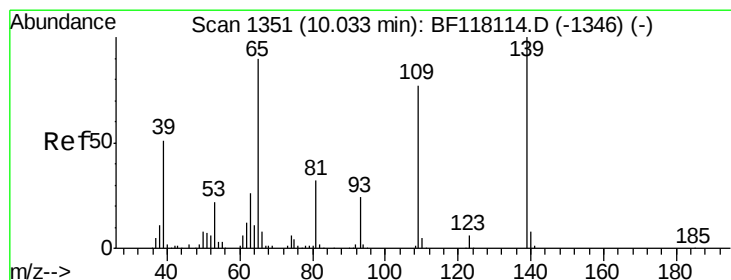
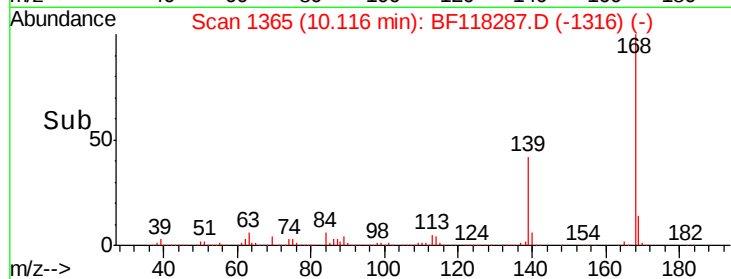
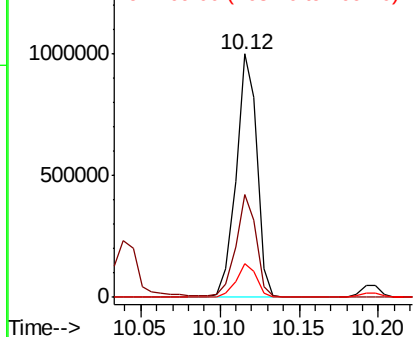
#55
Dibenzenofuran
Concen: 50.518 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 901950
Ion Ratio Lower Upper
168 100
139 42.4 33.4 50.0
169 13.7 11.0 16.6

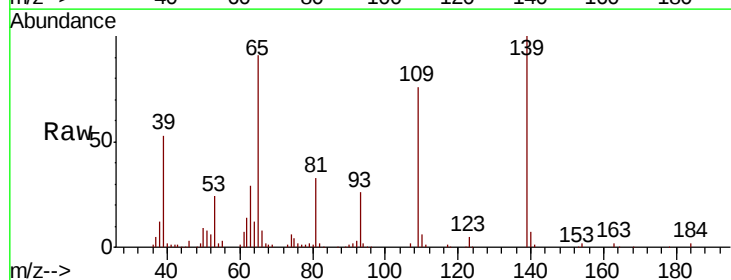


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

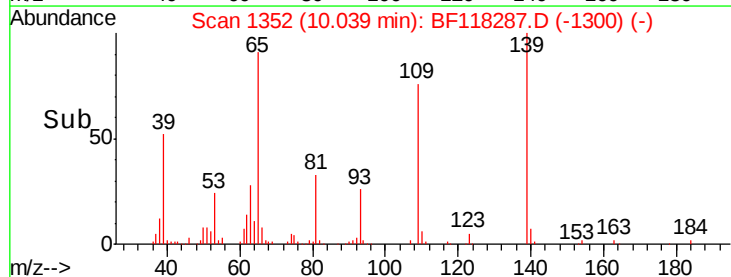
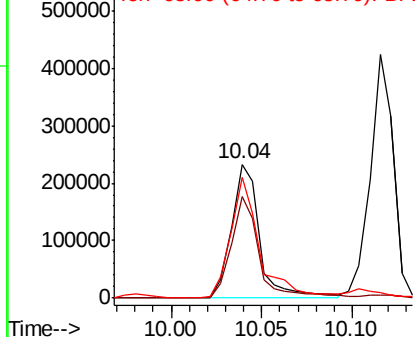


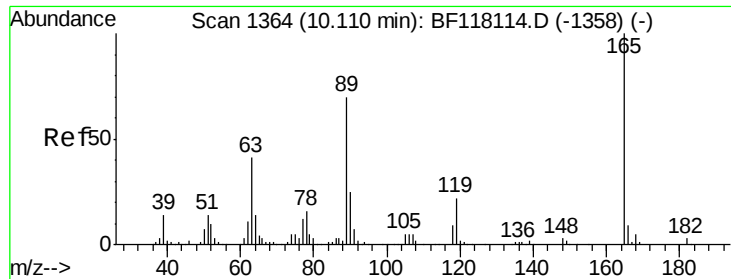
#56
4-Nitrophenol
Concen: 90.661 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion:139 Resp: 253717
Ion Ratio Lower Upper
139 100
109 75.9 57.3 97.3
65 90.7 70.2 110.2



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

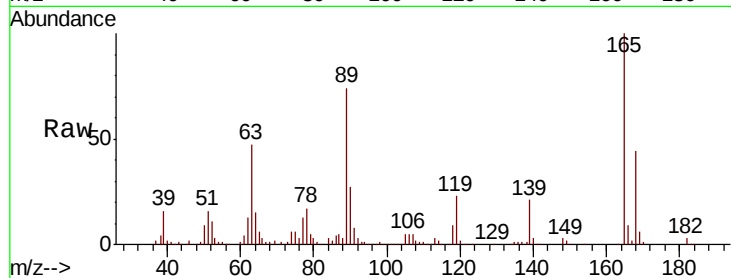




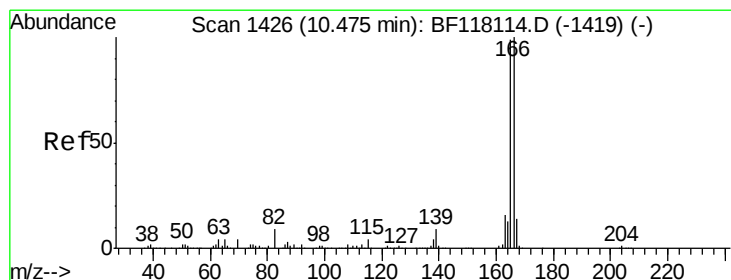
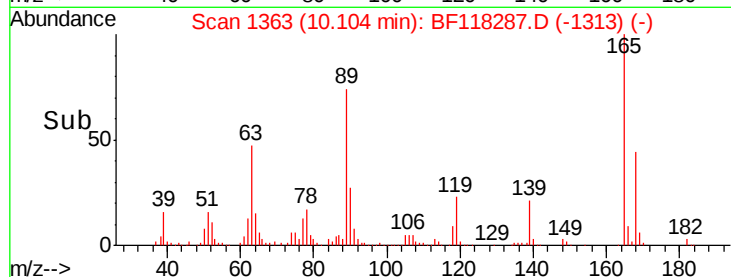
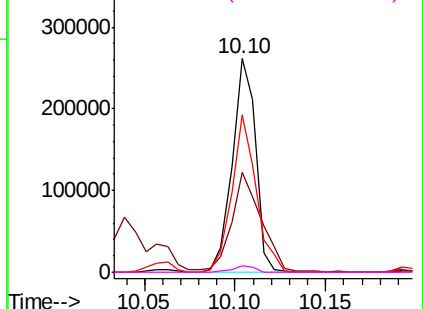
#57
2,4-Dinitrotoluene
Concen: 51.363 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	234909
Ion Ratio	Lower	Upper
165	100	
63	46.9	32.6 49.0
89	73.7	56.1 84.1
182	2.7	2.1 3.1

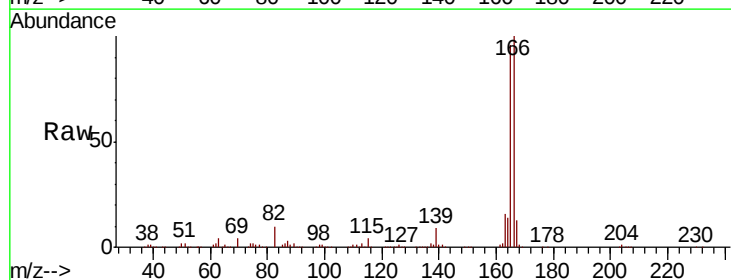


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

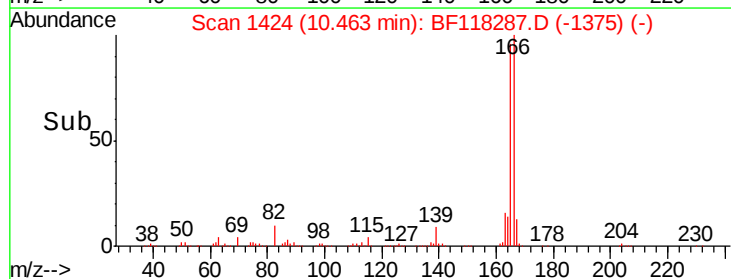
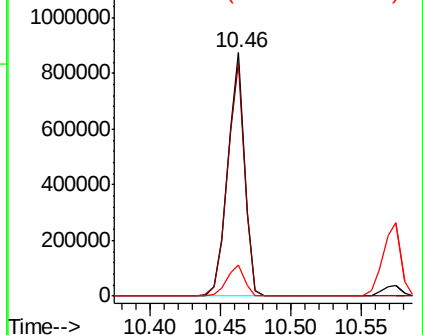


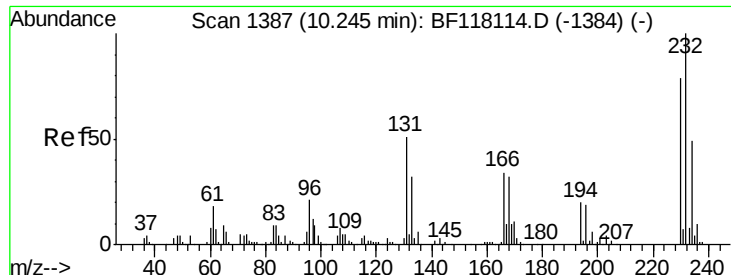
#58
Fluorene
Concen: 51.043 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion:166	Resp:	724225
Ion Ratio	Lower	Upper
166	100	
165	95.9	79.0 118.4
167	12.9	10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

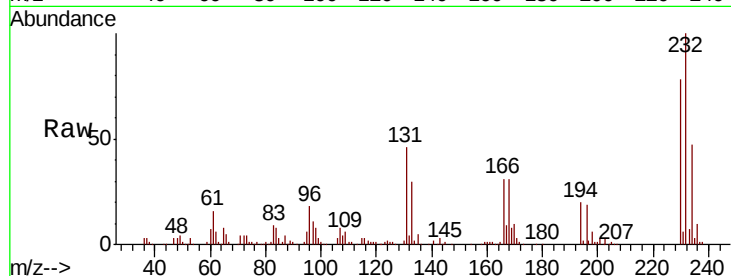




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.157 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BF118287.D
 Acq: 19 Dec 2019 18:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.6	38.8	58.2
130	2.3	1.9	2.9
166	32.1	25.4	38.0



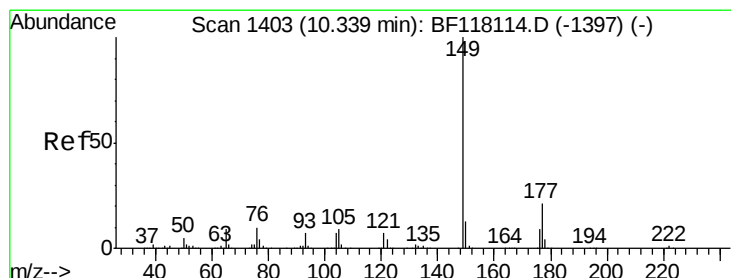
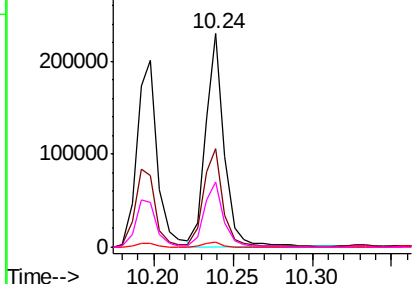
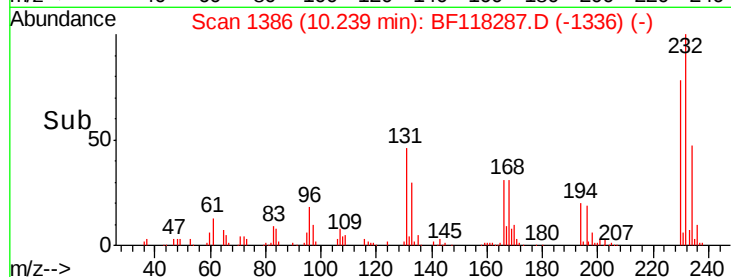
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

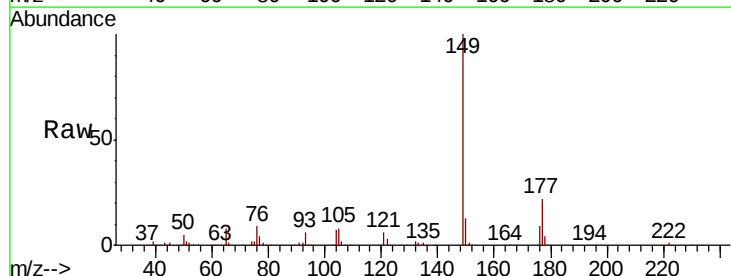
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 49.919 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF118287.D
 Acq: 19 Dec 2019 18:57

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.0	25.4
150	12.6	10.1	15.1

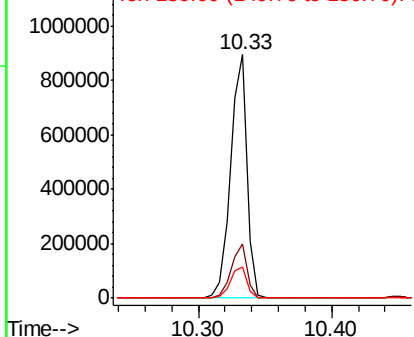
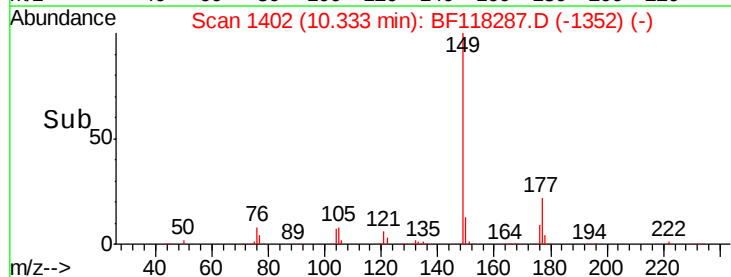


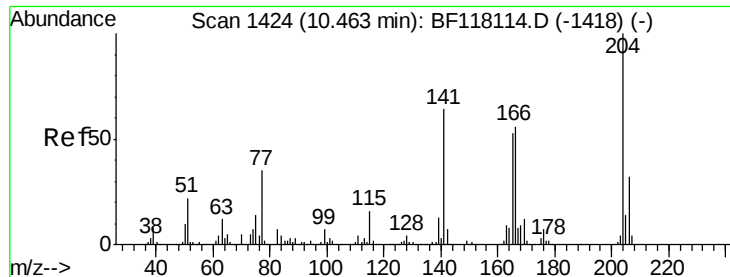
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

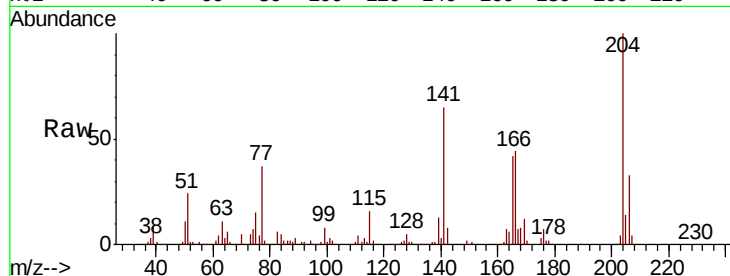




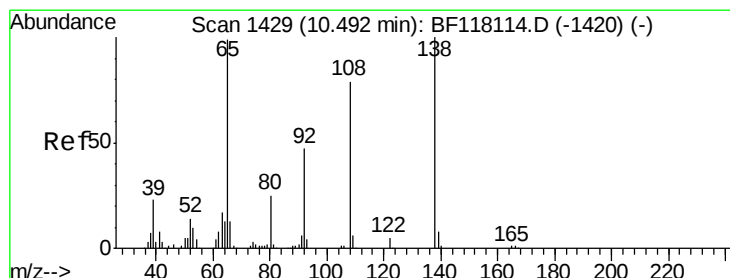
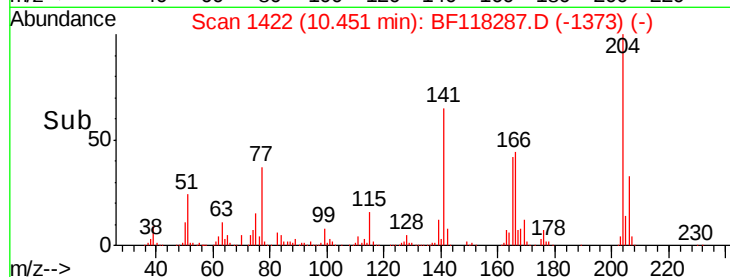
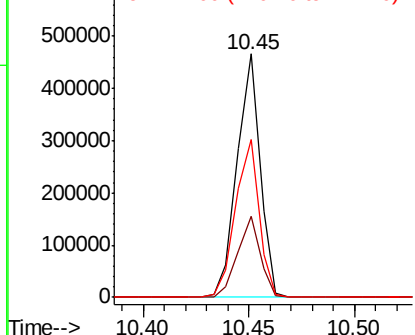
#61
 4-Chlorophenyl-phenylether
 Concen: 49.107 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF118287.D
 Acq: 19 Dec 2019 18:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	204	Resp:	350576
Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.0	39.0
141	64.9	51.0	76.6

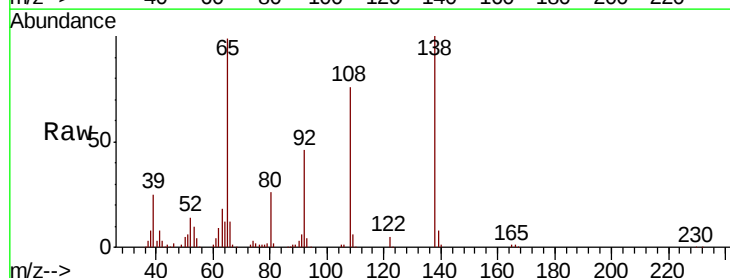


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

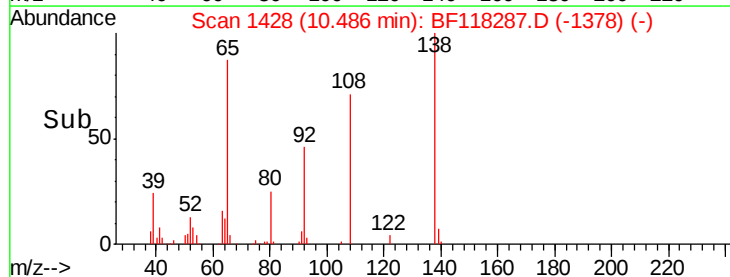
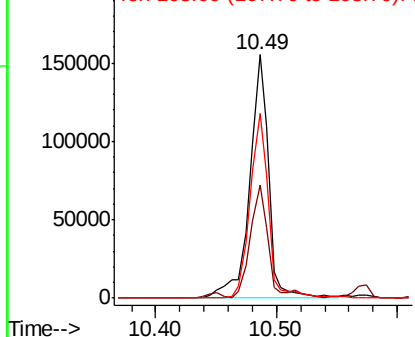


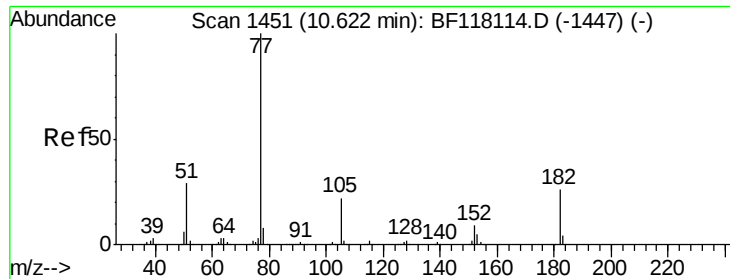
#62
 4-Nitroaniline
 Concen: 40.633 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF118287.D
 Acq: 19 Dec 2019 18:57

Tgt Ion:	138	Resp:	170890
Ion	Ratio	Lower	Upper
138	100		
92	46.4	27.1	67.1
108	75.7	59.0	99.0



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: 50.475 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 668996

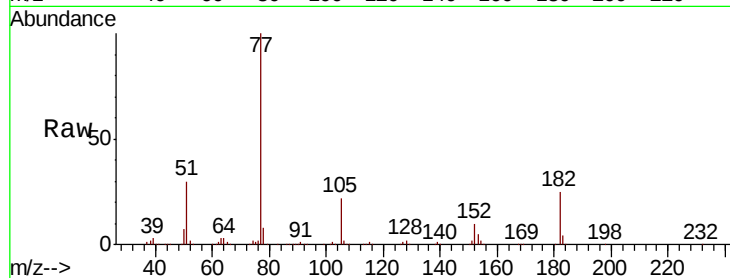
Ion Ratio Lower Upper

77 100

182 25.2 5.7 45.7

105 21.8 2.2 42.2

51 29.6 9.6 49.6

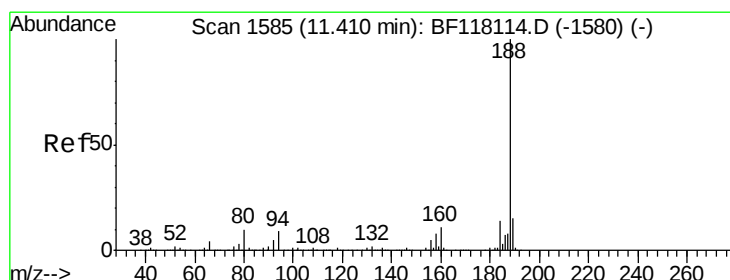
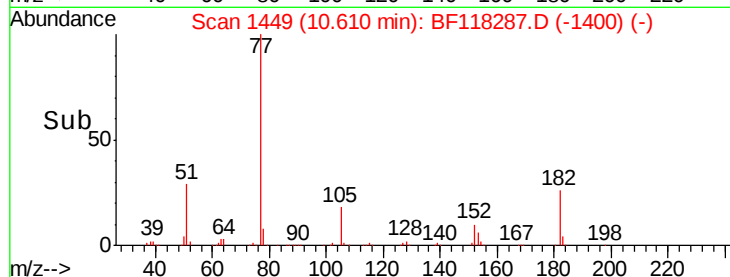
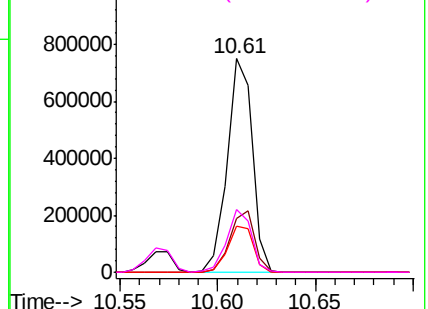


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

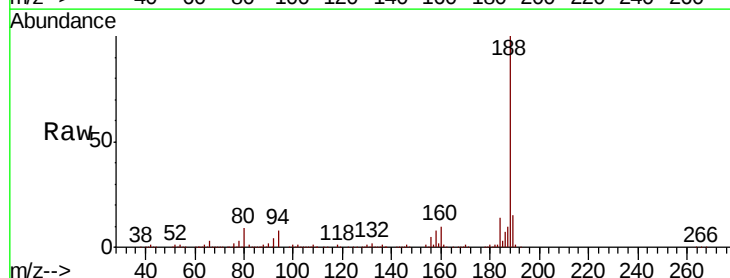
Tgt Ion: 188 Resp: 410200

Ion Ratio Lower Upper

188 100

94 8.1 7.1 10.7

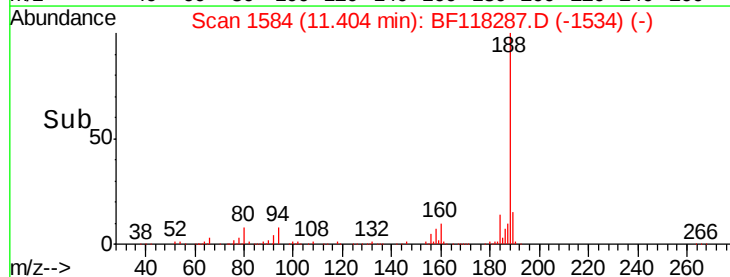
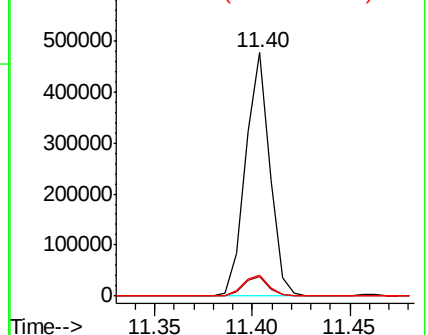
80 8.6 7.9 11.9

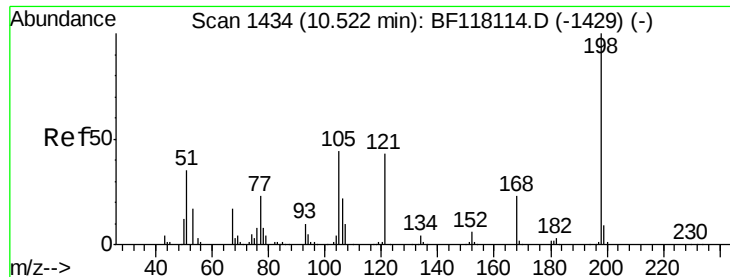


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 51.612 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

Instrument :

BNA_F

ClientSampleId :

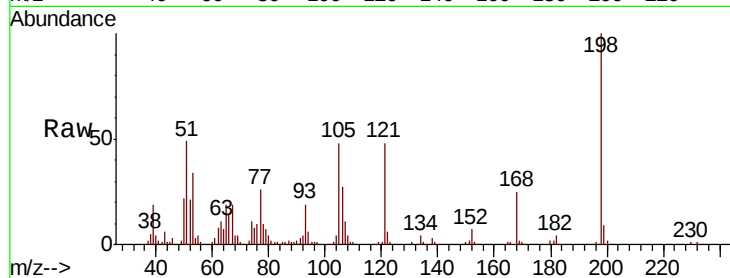
Tot Ion:198 Resp: 116918

Ion Ratio Lower Upper

198 100

51 49.1 22.0 62.0

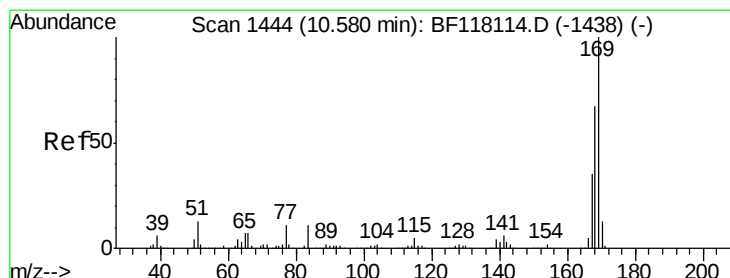
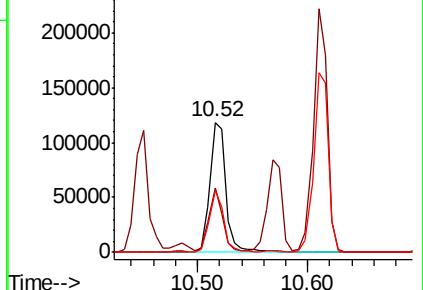
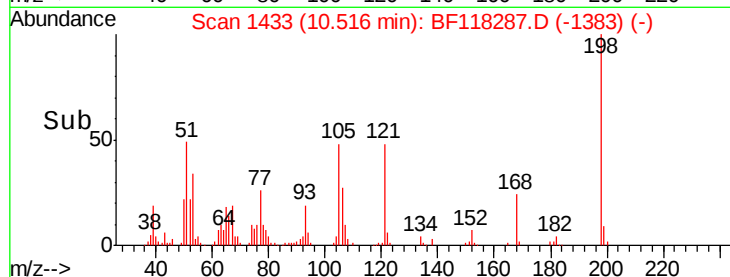
105 47.9 25.6 65.6



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: 50.370 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

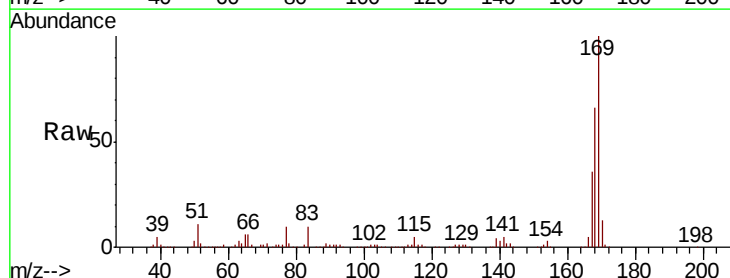
Tgt Ion:169 Resp: 645226

Ion Ratio Lower Upper

169 100

168 66.4 53.4 80.2

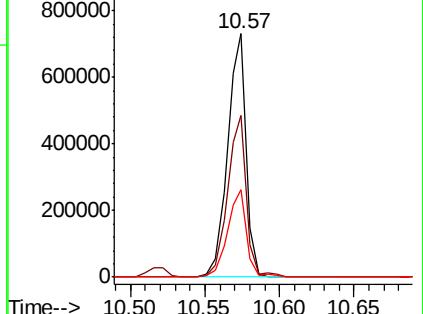
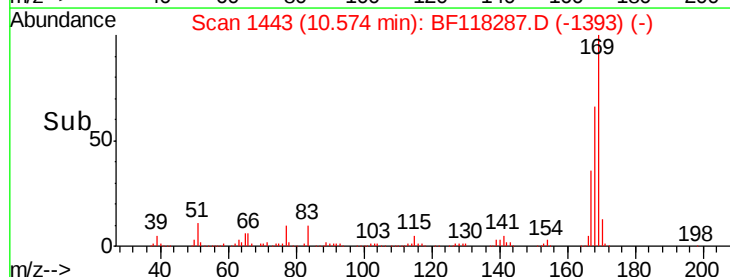
167 35.8 28.4 42.6

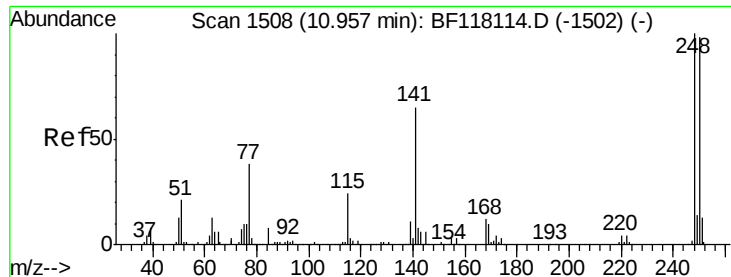


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

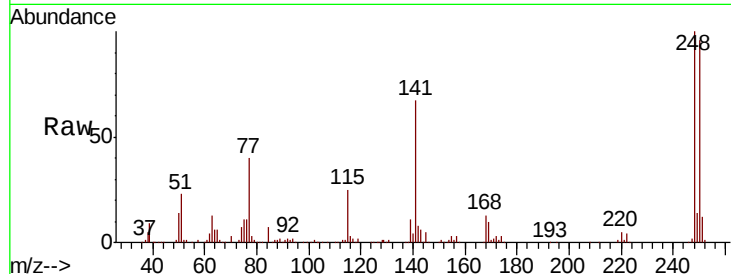




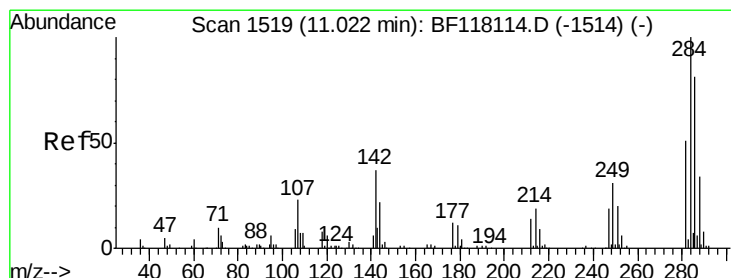
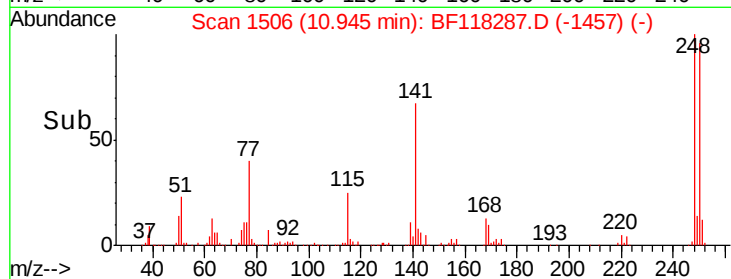
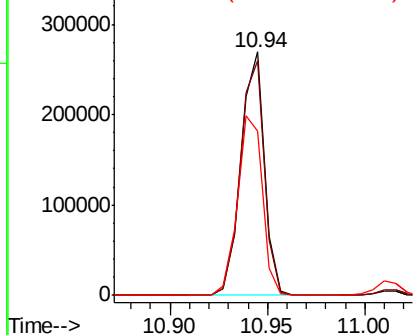
#67
 4-Bromophenyl-phenylether
 Concen: 48.097 ng
 RT: 10.94 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF118287.D
 Acq: 19 Dec 2019 18:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 225215
 Ion Ratio Lower Upper
 248 100
 250 96.4 78.3 117.5
 141 67.3 52.2 78.4

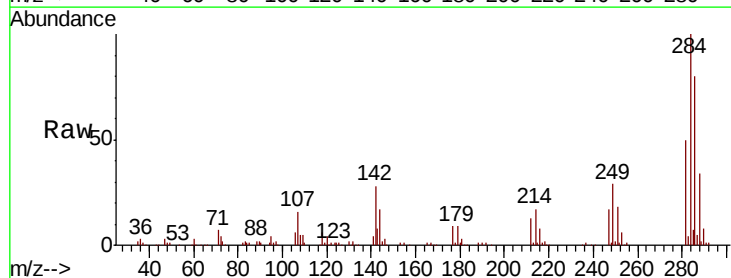


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

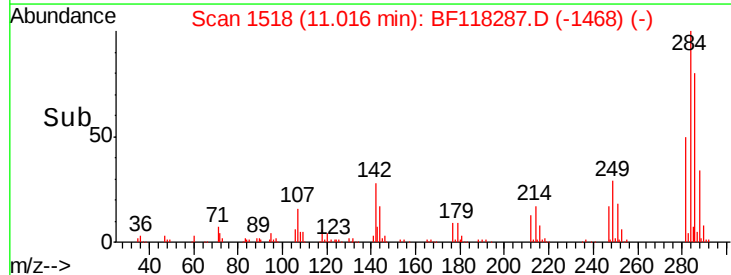
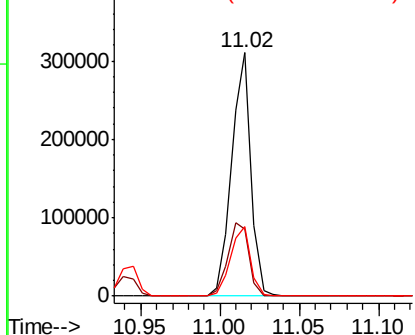


#68
 Hexachlorobenzene
 Concen: 47.341 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF118287.D
 Acq: 19 Dec 2019 18:57

Tgt Ion:284 Resp: 260918
 Ion Ratio Lower Upper
 284 100
 142 27.7 29.7 44.5#
 249 28.8 24.6 37.0



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

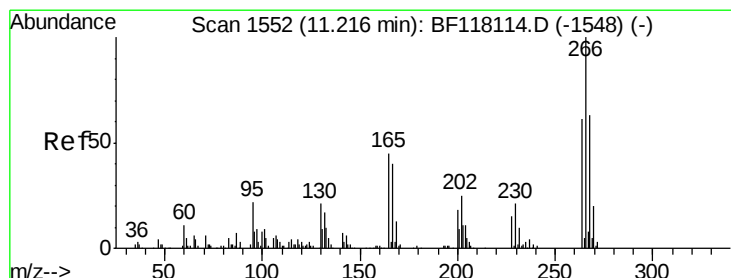
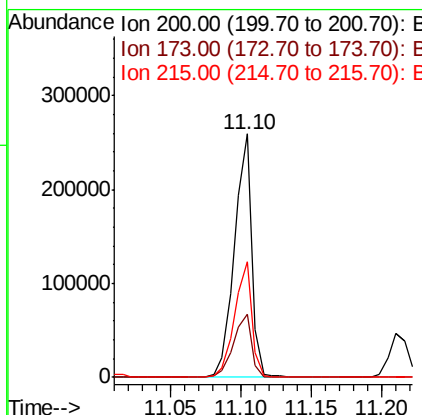
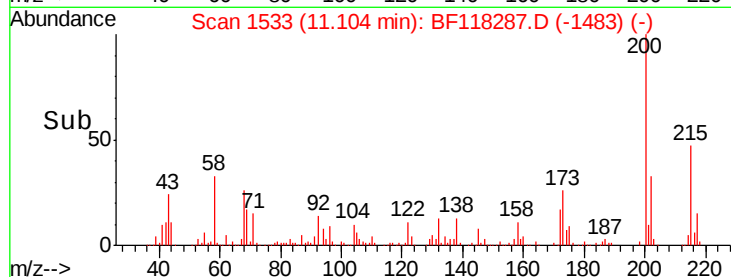
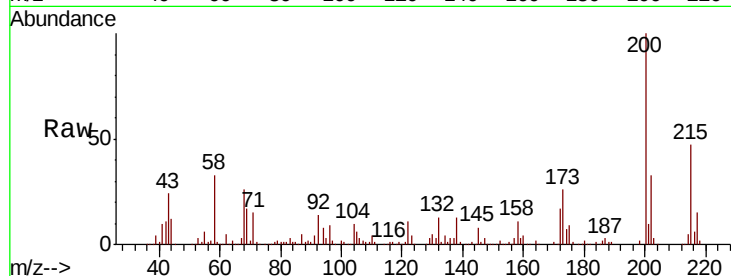




#69
Atrazine
Concen: Below Cal
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

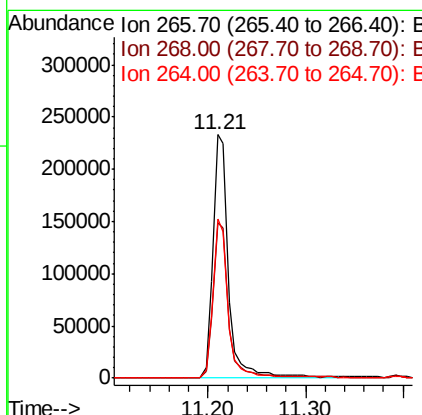
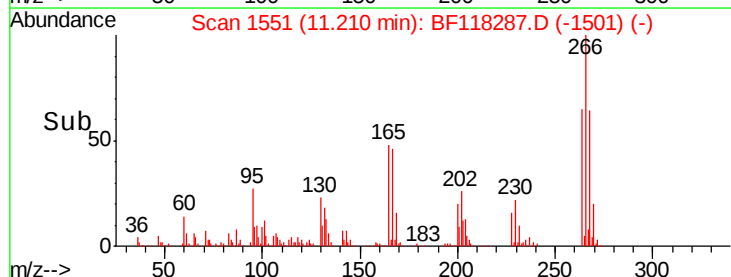
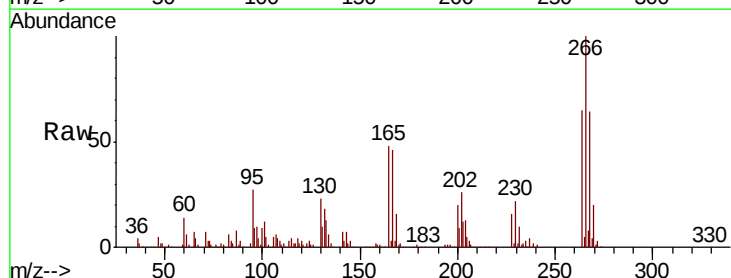
Instrument :
BNA_F
ClientSampleId :

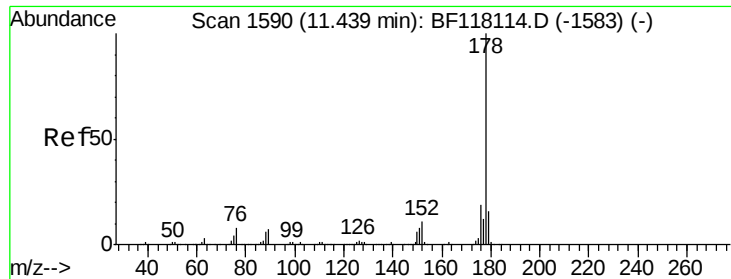
Tot Ion:200 Resp: 221143
Ion Ratio Lower Upper
200 100
173 26.2 8.1 48.1
215 47.4 29.0 69.0



#70
Pentachlorophenol
Concen: 100.094 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion:266 Resp: 259431
Ion Ratio Lower Upper
266 100
268 63.7 50.7 76.1
264 65.2 48.7 73.1

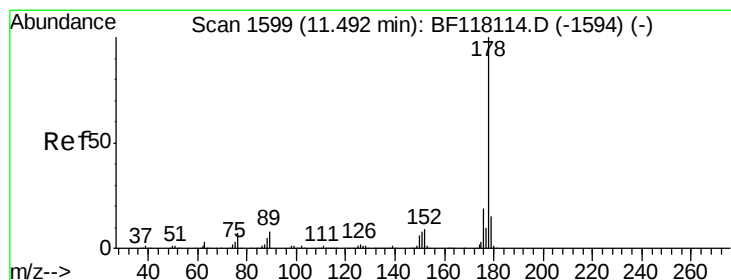
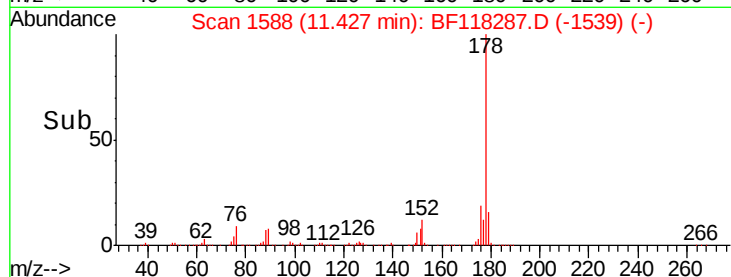
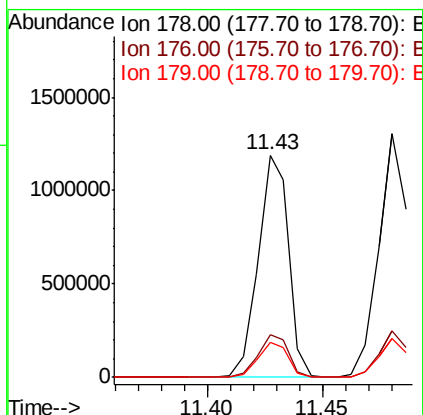
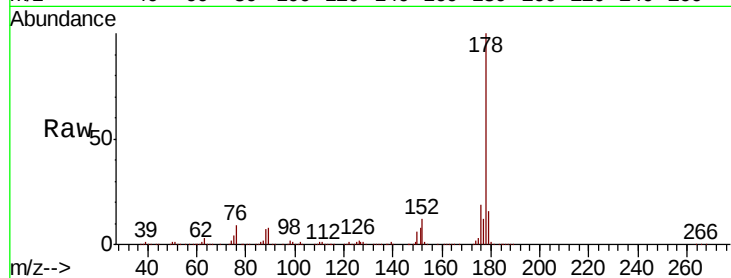




#71
Phenanthrene
Concen: 50.006 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

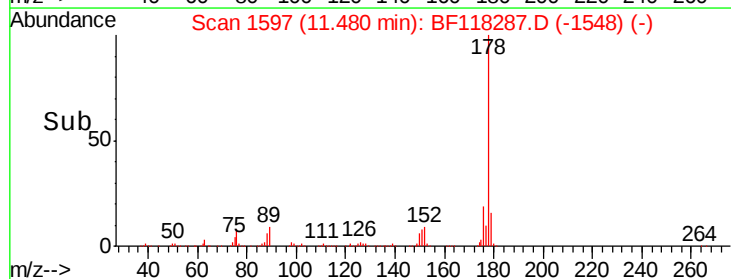
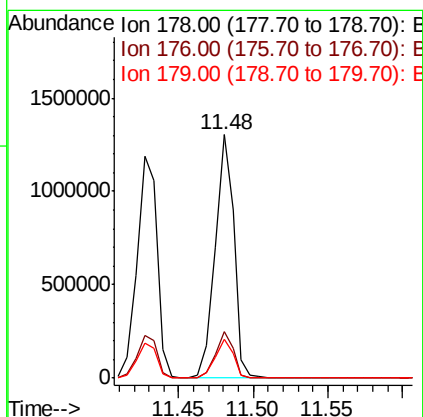
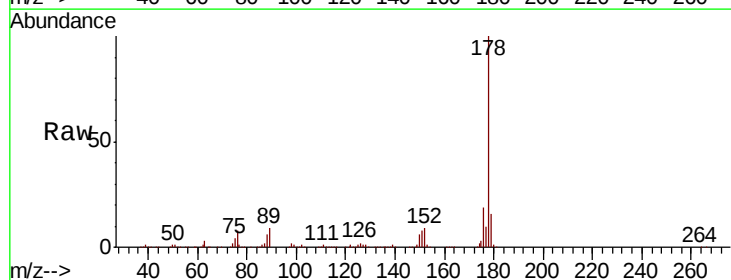
Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1090412
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.8 12.6 18.8



#72
Anthracene
Concen: 52.341 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion:178 Resp: 1138568
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.8 12.2 18.4

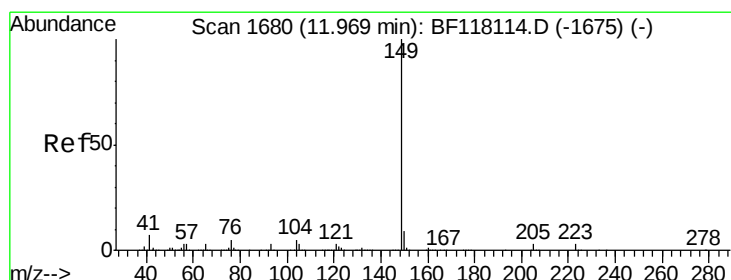
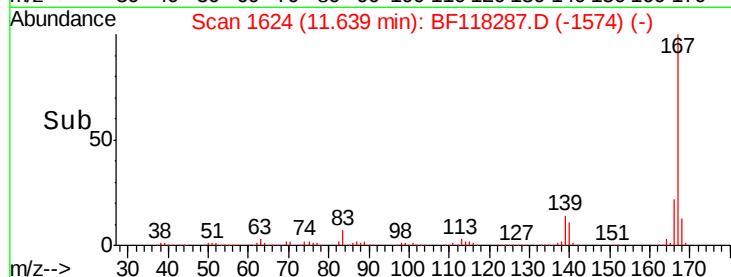
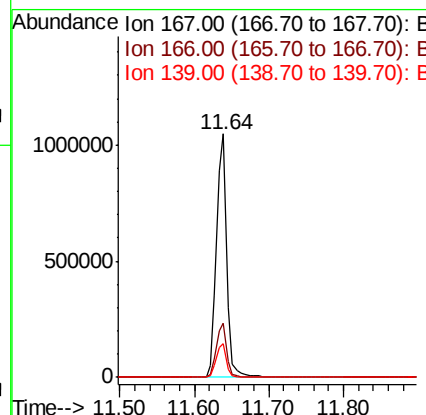
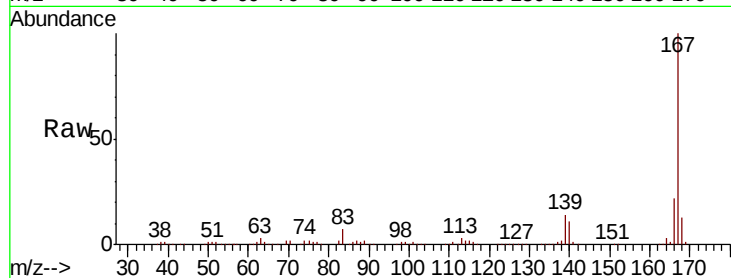




#73
 Carbazole
 Concen: 50.803 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BF118287.D
 Acq: 19 Dec 2019 18:57

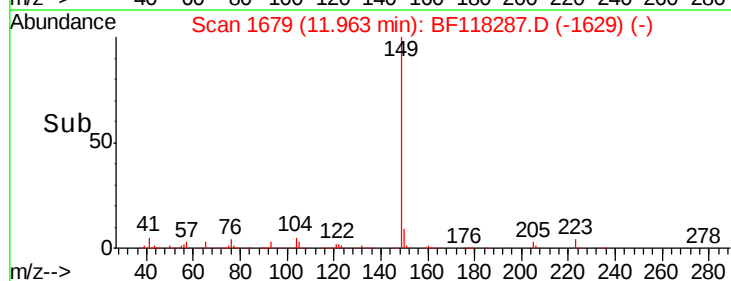
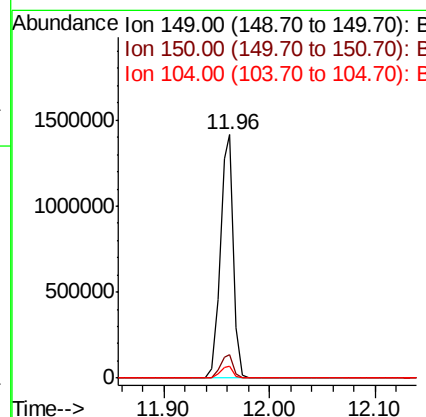
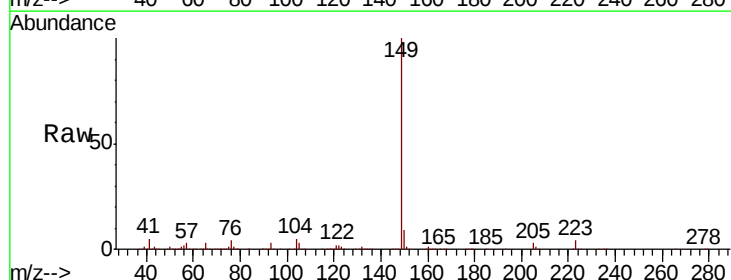
Instrument :
 BNA_F
 ClientSampleId :

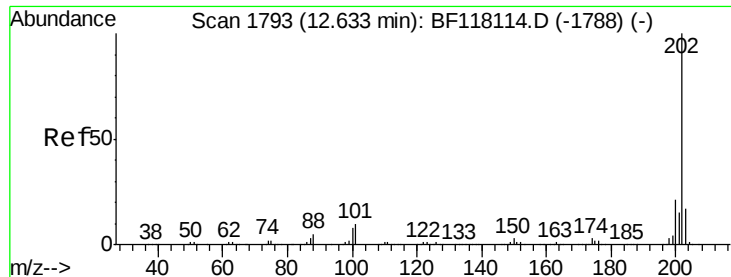
Tot Ion:167 Resp: 991521
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.4 26.2
 139 13.7 11.4 17.0



#74
 Di-n-butylphthalate
 Concen: 51.080 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF118287.D
 Acq: 19 Dec 2019 18:57

Tgt Ion:149 Resp: 1247675
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 4.7 4.3 6.5

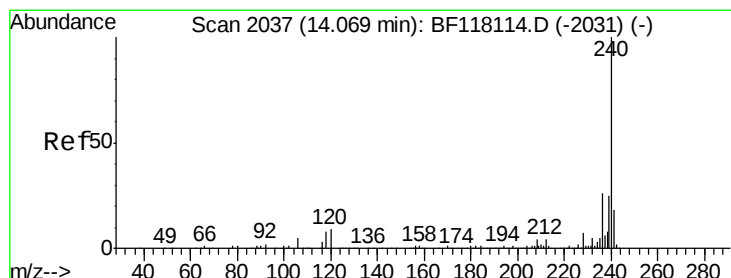
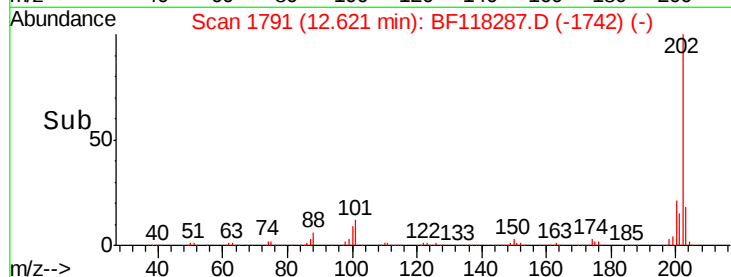
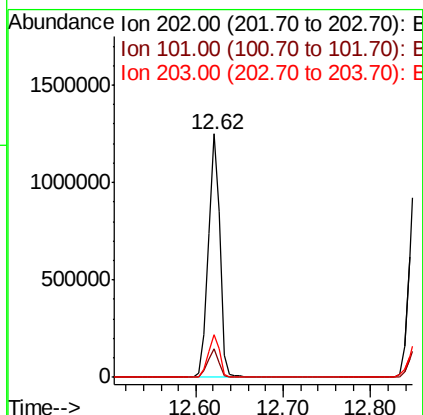
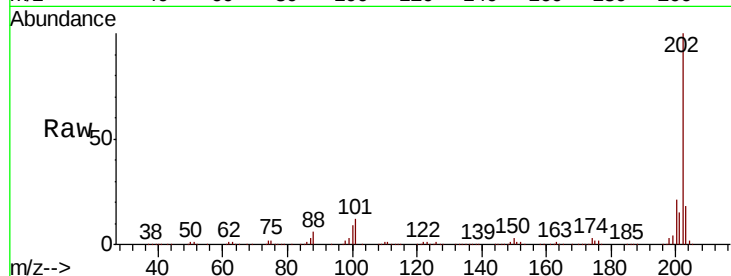




#75
Fluoranthene
Concen: 51.271 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

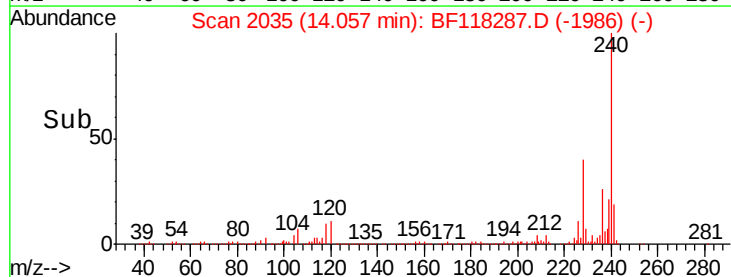
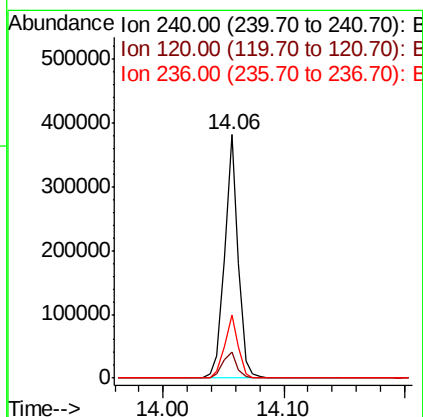
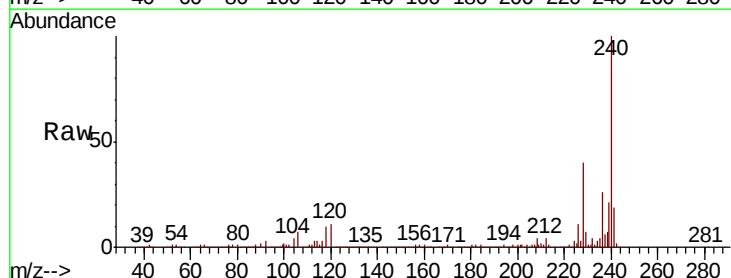
Instrument :
BNA_F
ClientSampleId :

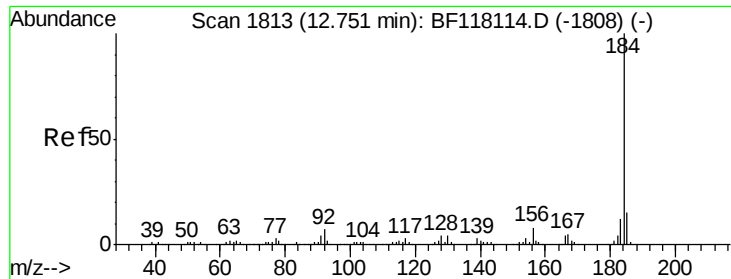
Tot Ion:202 Resp: 1143056
Ion Ratio Lower Upper
202 100
101 11.6 0.0 30.4
203 17.7 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion:240 Resp: 293109
Ion Ratio Lower Upper
240 100
120 10.5 7.1 10.7
236 25.8 21.0 31.6





#77

Benzidine

Concen: 23.801 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

Instrument :

BNA_F

ClientSampleId :

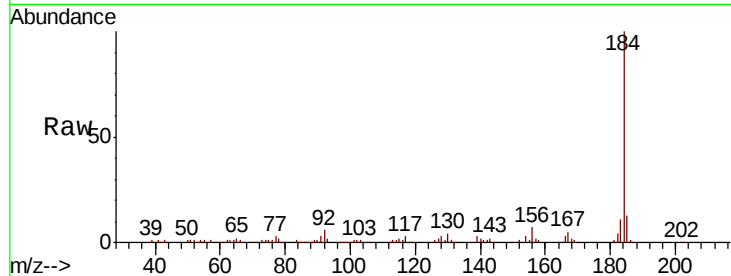
Tot Ion:184 Resp: 183653

Ion Ratio Lower Upper

184 100

185 12.9 12.3 18.5

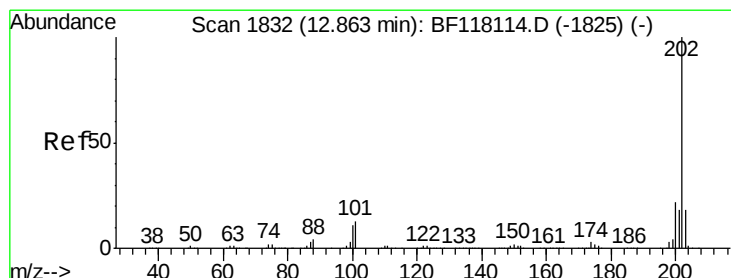
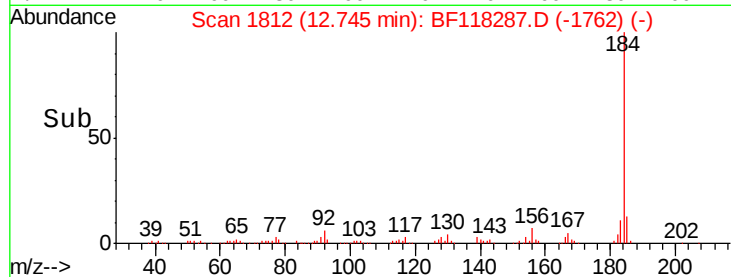
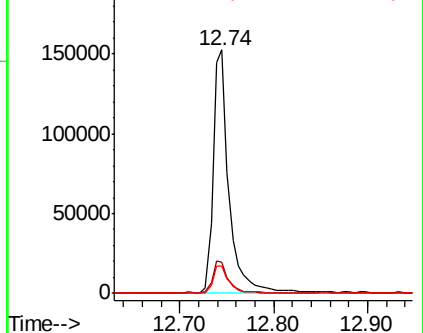
183 11.2 9.9 14.9



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: 50.563 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

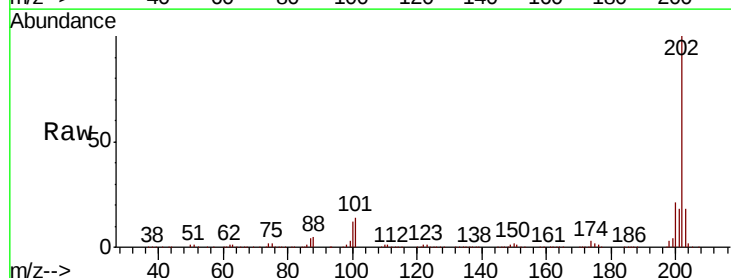
Tgt Ion:202 Resp: 1167913

Ion Ratio Lower Upper

202 100

200 21.1 17.5 26.3

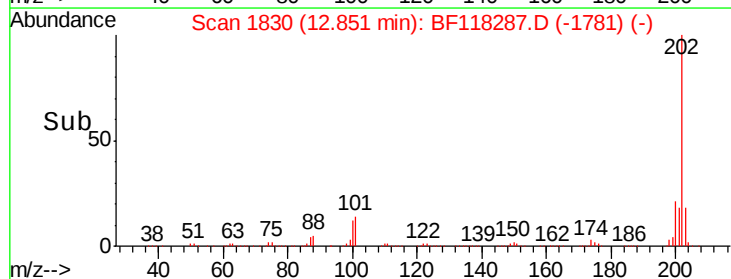
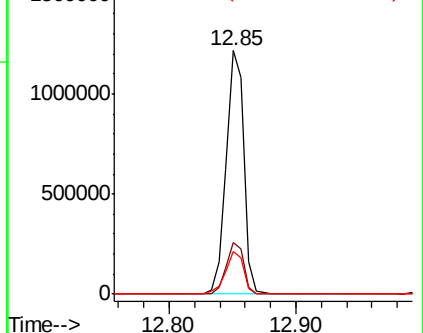
203 17.6 14.6 21.8

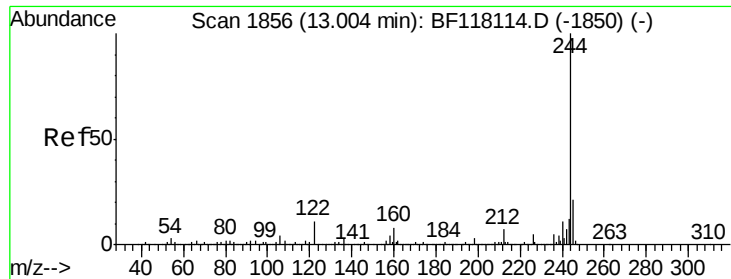


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 104.962 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

Instrument :

BNA_F

ClientSampleId :

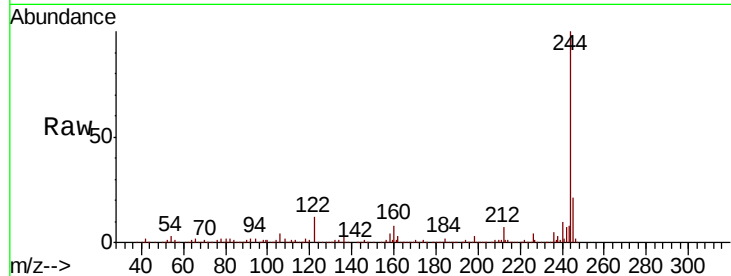
Tot Ion:244 Resp: 1789067

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

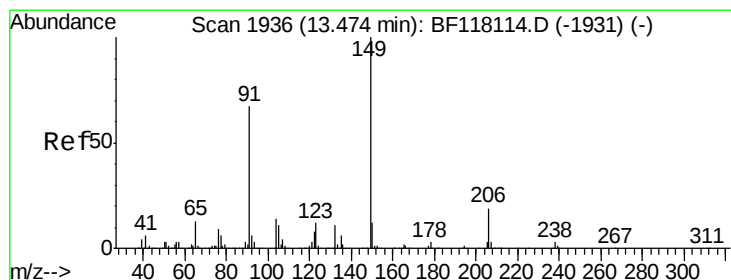
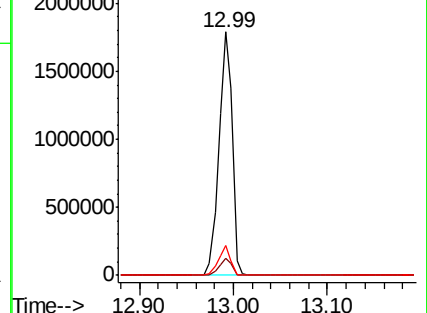
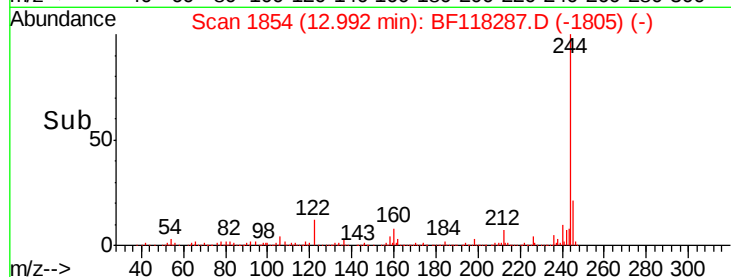
122 12.3 9.0 13.6



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: 50.503 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

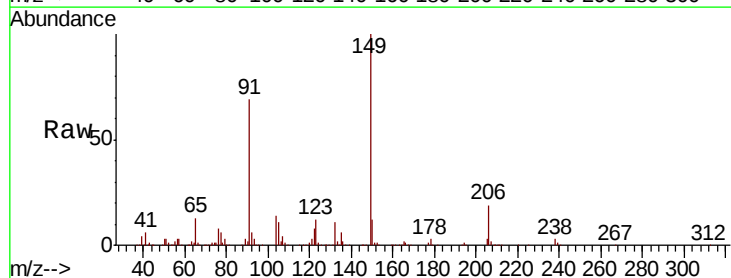
Tgt Ion:149 Resp: 528307

Ion Ratio Lower Upper

149 100

91 69.3 53.9 80.9

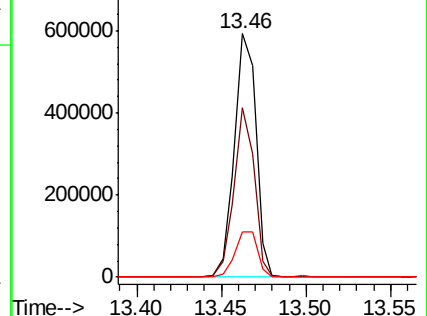
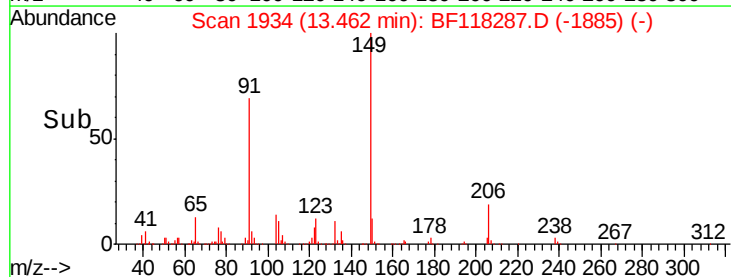
206 18.5 15.2 22.8



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: 49.609 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

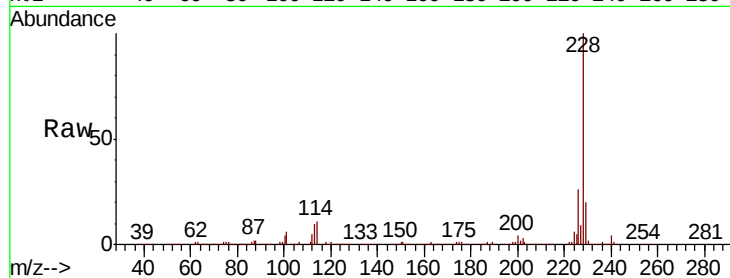
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 1005460

Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.8	32.8
229	20.0	15.8	23.8

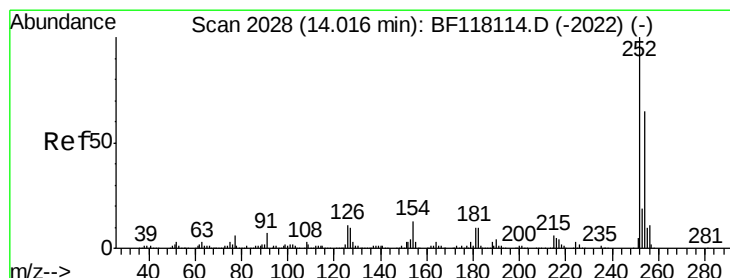
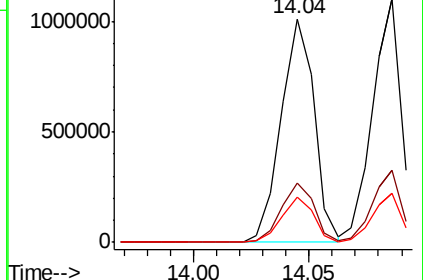
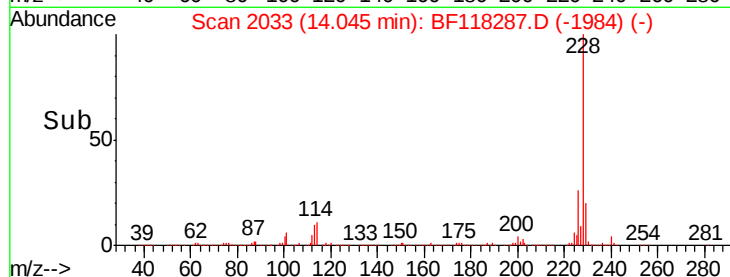


Abundance

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: 18.154 ng

RT: 14.00 min Scan# 2026

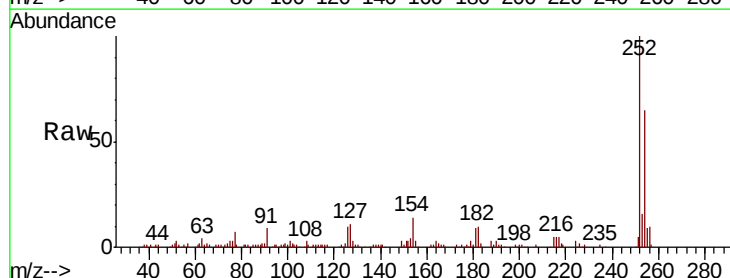
Delta R.T. -0.01 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

Tgt Ion:252 Resp: 120841

Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.2	78.4
126	10.4	8.6	13.0

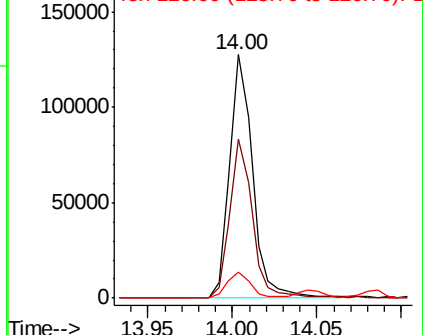
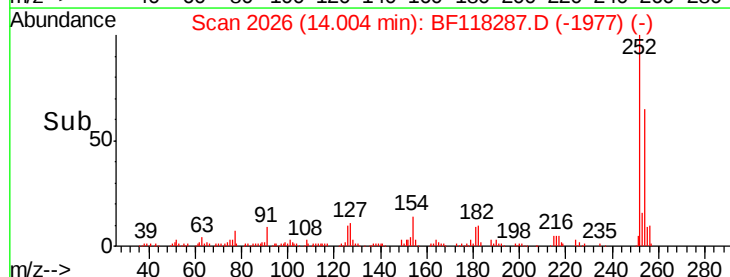


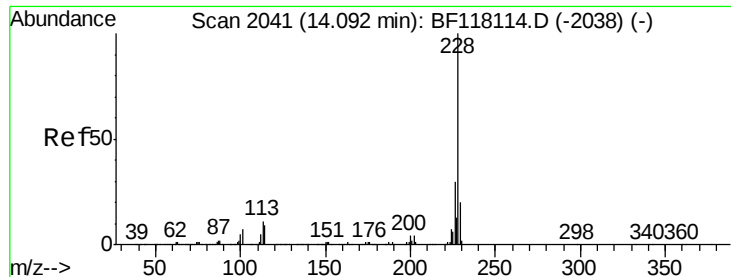
Abundance

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

Chrysene

Concen: 49.801 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

Instrument :

BNA_F

ClientSampled :

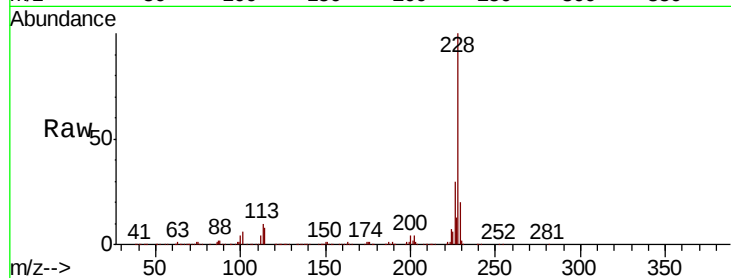
Tot Ion:228 Resp: 964159

Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.8

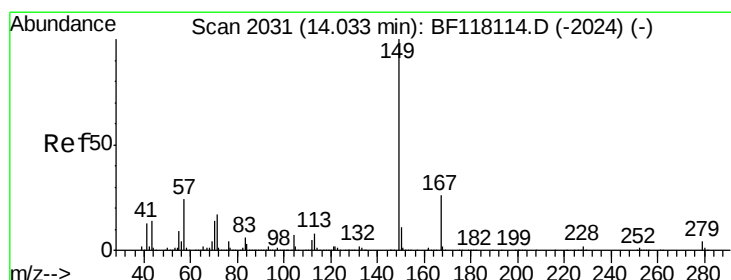
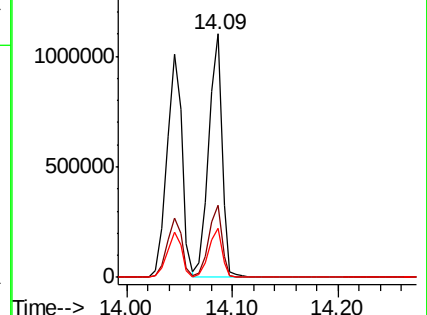
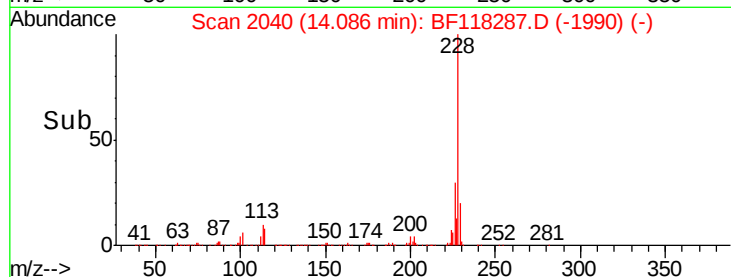
229 19.9 15.7 23.5



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: 53.927 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

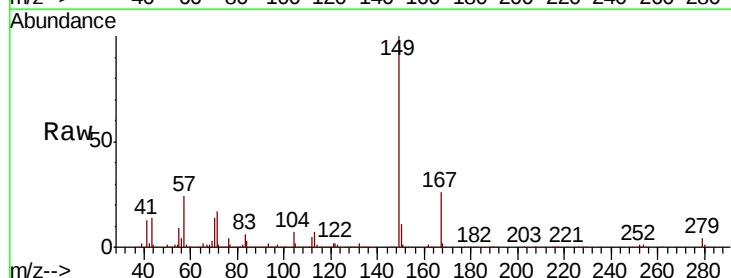
Tgt Ion:149 Resp: 743854

Ion Ratio Lower Upper

149 100

167 26.2 20.8 31.2

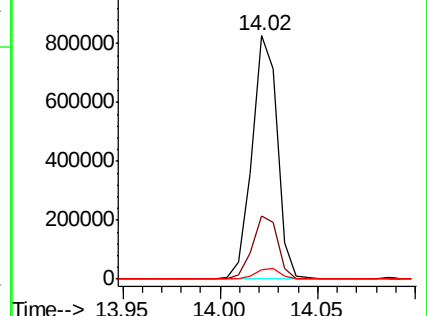
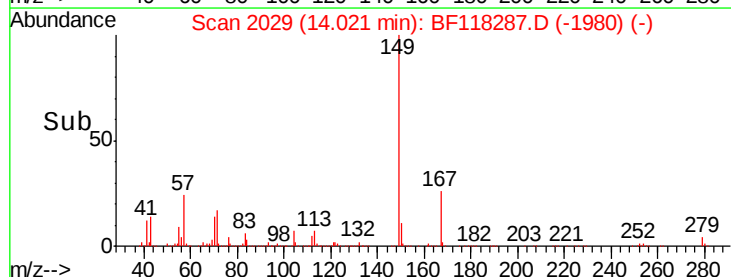
279 3.8 2.9 4.3

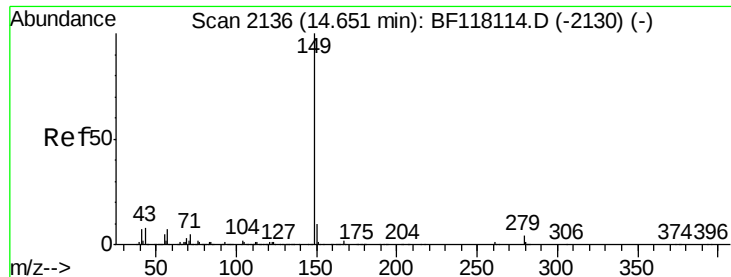


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 55.165 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

Instrument :

BNA_F

ClientSampleId :

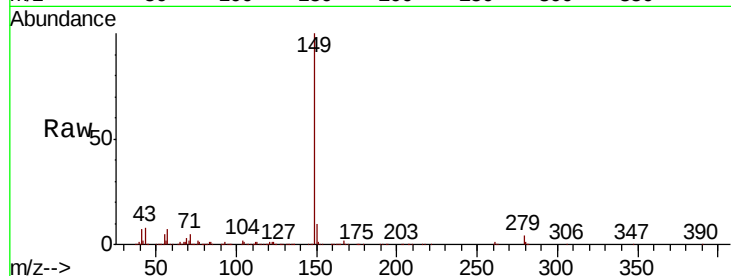
Tot Ion:149 Resp: 1152671

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

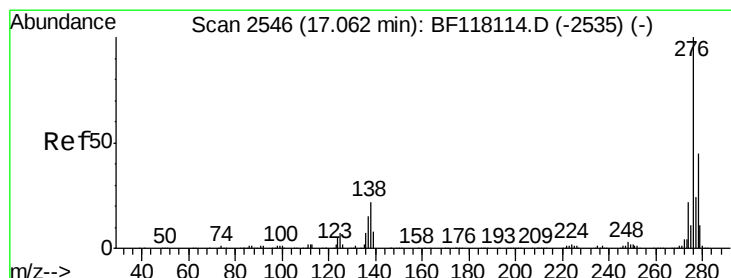
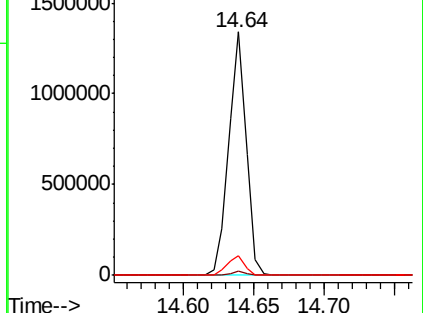
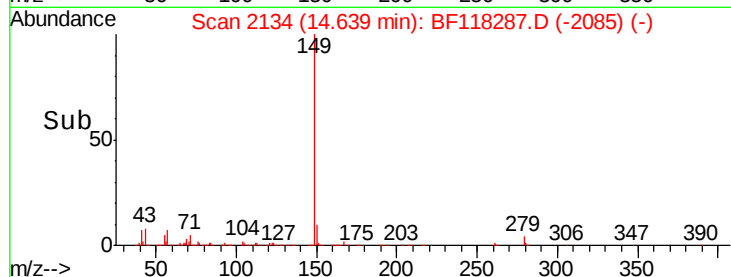
43 8.0 6.5 9.7



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: 56.370 ng

RT: 17.06 min Scan# 2546

Delta R.T. -0.00 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

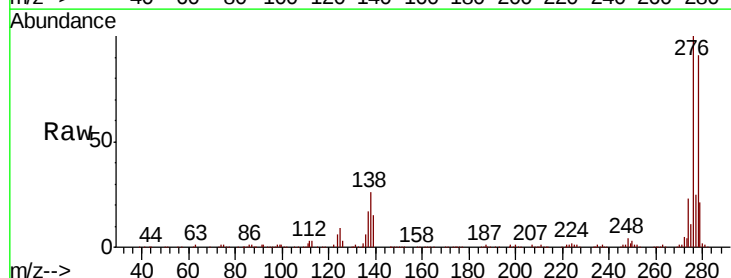
Tgt Ion:276 Resp: 918246

Ion Ratio Lower Upper

276 100

138 24.6 18.9 28.3

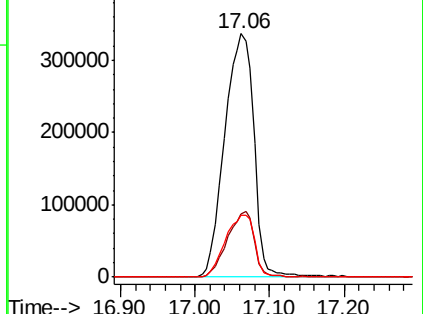
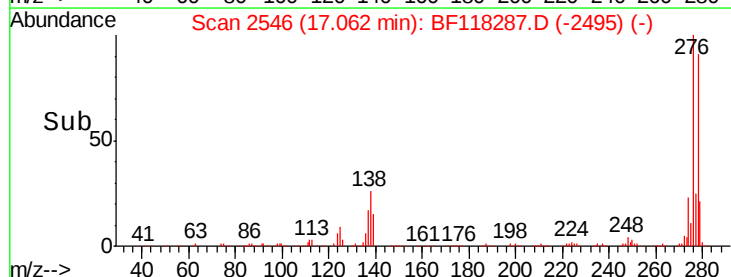
277 25.6 20.4 30.6

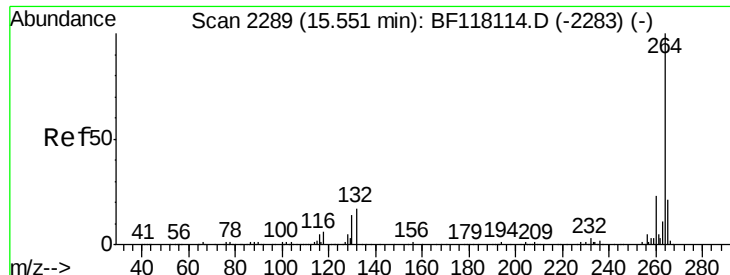


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

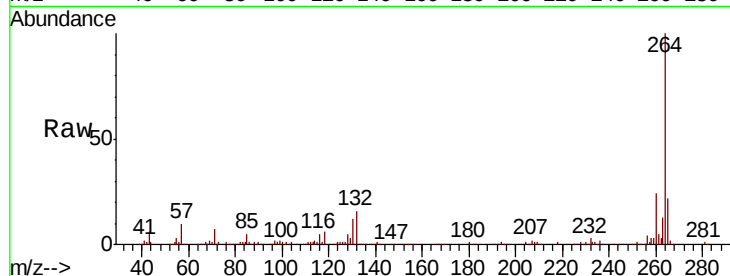




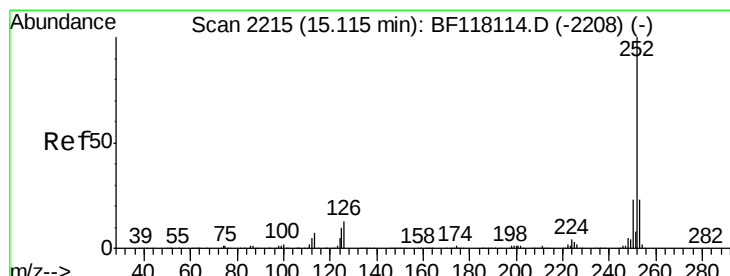
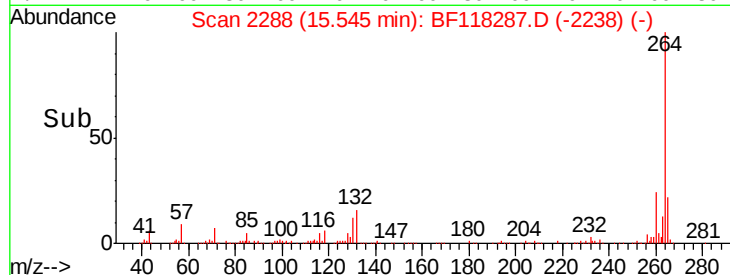
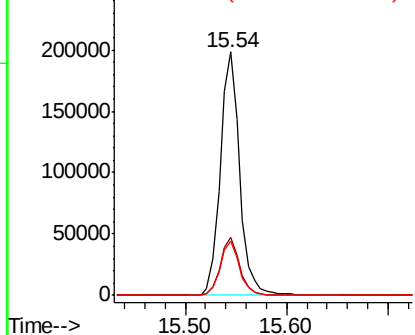
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 262604
Ion Ratio Lower Upper
264 100
260 23.9 18.6 28.0
265 22.1 16.8 25.2

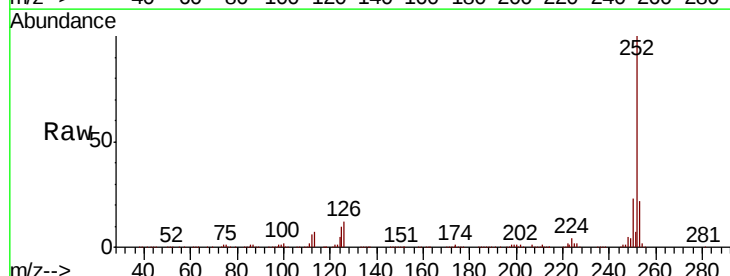


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

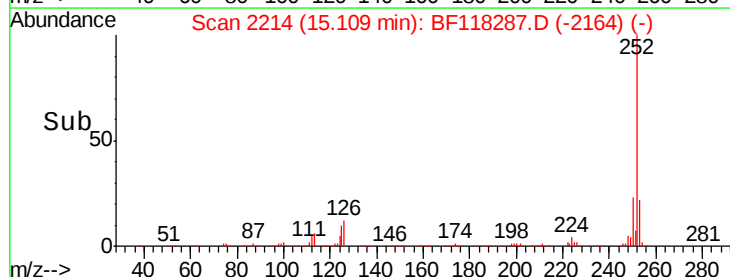
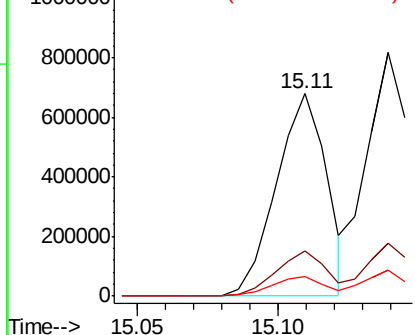


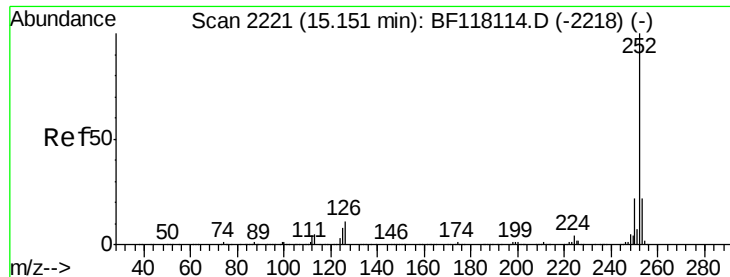
#88
Benzo(b)fluoranthene
Concen: 48.371 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion:252 Resp: 840104
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 9.9 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

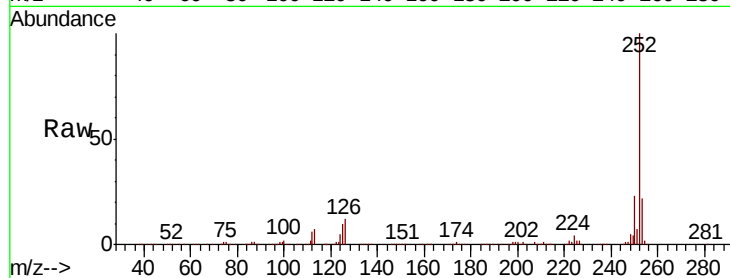




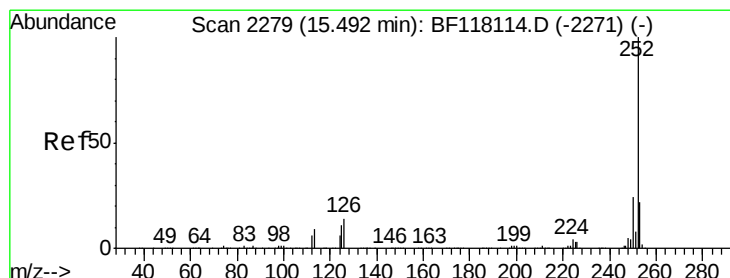
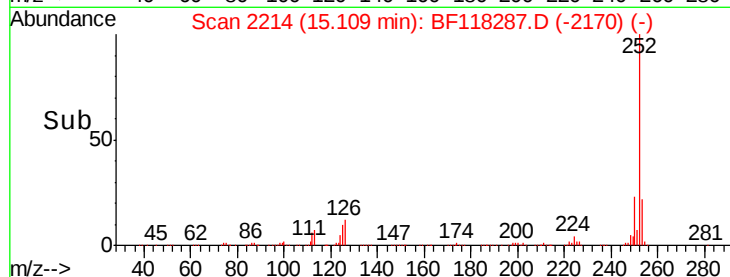
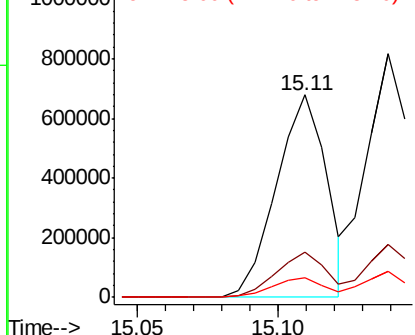
#89
Benzo(k)fluoranthene
Concen: 50.352 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.04 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 840104
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 9.9 6.7 10.1

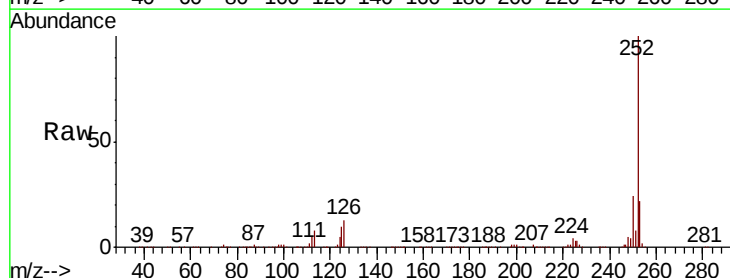


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

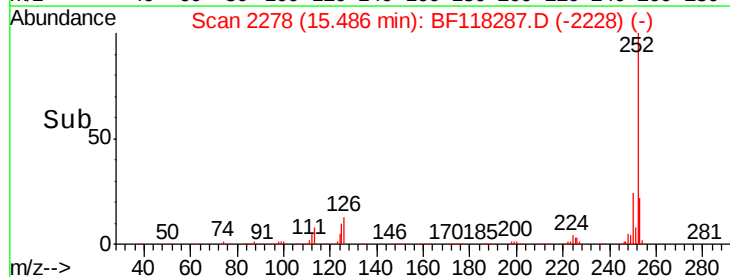
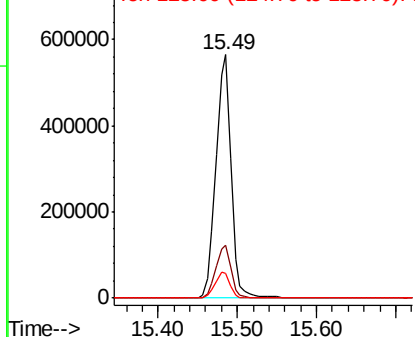


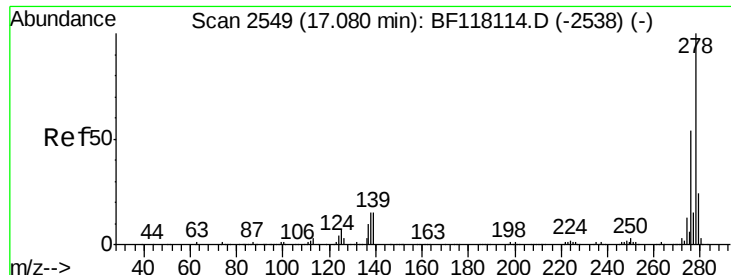
#90
Benzo(a)pyrene
Concen: 48.988 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion:252 Resp: 751430
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 10.3 9.1 13.7



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



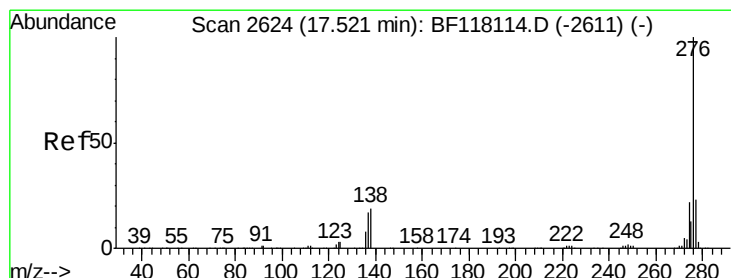
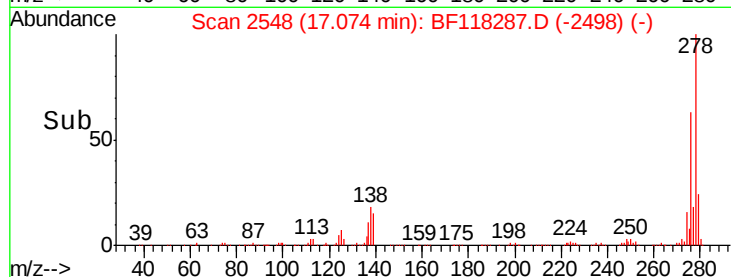
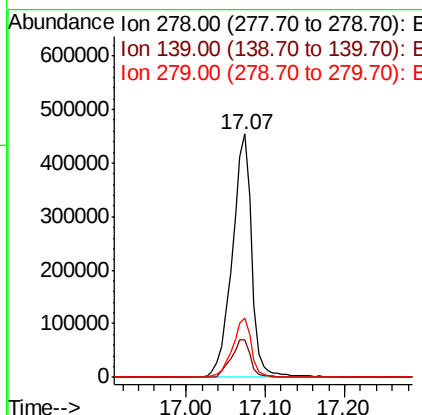
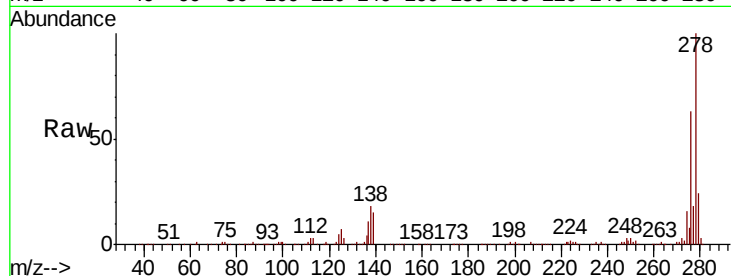


#91
Dibenzo(a,h)anthracene
Concen: 58.616 ng
RT: 17.07 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 771172

Ion	Ratio	Lower	Upper
278	100		
139	15.3	11.7	17.5
279	24.2	19.0	28.4



#92
Benzo(g,h,i)perylene
Concen: 62.544 ng
RT: 17.52 min Scan# 2623
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion:276 Resp: 790714

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.2	27.4
138	20.8	15.5	23.3

