

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121819\
 Data File : BF118269.D
 Acq On : 18 Dec 2019 20:02
 Operator : JU
 Sample : K6357-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 19 03:10:47 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	101298	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	390867	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	205801	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	378593	20.00	ng	0.00
76) Chrysene-d12	14.06	240	242516	20.00	ng	-0.01
87) Perylene-d12	15.54	264	244479	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	691455	119.55	ng	0.00
7) Phenol-d6	6.50	99	870514	124.44	ng	0.00
23) Nitrobenzene-d5	7.43	82	522064	75.14	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	289292	115.71	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1060190	78.39	ng	-0.01
79) Terphenyl-d14	12.99	244	1184904	84.02	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.64	88	90763	37.218	ng	99
3) Pyridine	3.40	79	219619	34.906	ng	98
4) n-Nitrosodimethylamine	3.35	42	115327	42.608	ng	96
6) Aniline	6.52	93	274610	30.688	ng	96
8) 2-Chlorophenol	6.65	128	303460	46.532	ng	99
9) Benzaldehyde	6.41	77	184475	57.615	ng	96
10) Phenol	6.51	94	378474	47.441	ng	97
11) bis(2-Chloroethyl)ether	6.60	93	260454	45.140	ng	93
12) 1,3-Dichlorobenzene	6.80	146	333399	43.763	ng	96
13) 1,4-Dichlorobenzene	6.88	146	332396	43.330	ng	97
14) 1,2-Dichlorobenzene	7.03	146	320950	44.551	ng	99
15) Benzyl Alcohol	7.00	79	247192	45.268	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	294428	42.440	ng	94
17) 2-Methylphenol	7.12	107	233108	44.942	ng	99
18) Hexachloroethane	7.37	117	120451	42.612	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	191929	45.151	ng	99
20) 3+4-Methylphenols	7.27	107	307413	47.184	ng	92
22) Acetophenone	7.27	105	402510	42.864	ng	98
24) Nitrobenzene	7.45	77	296656	43.459	ng	100
25) Isophorone	7.69	82	523068	44.411	ng	100
26) 2-Nitrophenol	7.76	139	164900	45.197	ng	93
27) 2,4-Dimethylphenol	7.80	122	257972	53.008	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	325683	42.318	ng	100
29) 2,4-Dichlorophenol	8.01	162	250240	44.107	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	283322	42.731	ng	100
31) Naphthalene	8.17	128	876663	44.659	ng	99
32) Benzoic acid	7.93	122	160623	36.554	ng	99
33) 4-Chloroaniline	8.22	127	106694	12.588	ng	97
34) Hexachlorobutadiene	8.29	225	164901	41.476	ng	99
35) Caprolactam	8.59	113	48258	27.582	ng	94
36) 4-Chloro-3-methylphenol	8.71	107	266033	44.558	ng	100
37) 2-Methylnaphthalene	8.86	142	606418	45.631	ng	99
38) 1-Methylnaphthalene	8.96	142	567620	45.488	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	262851	42.161	ng	99

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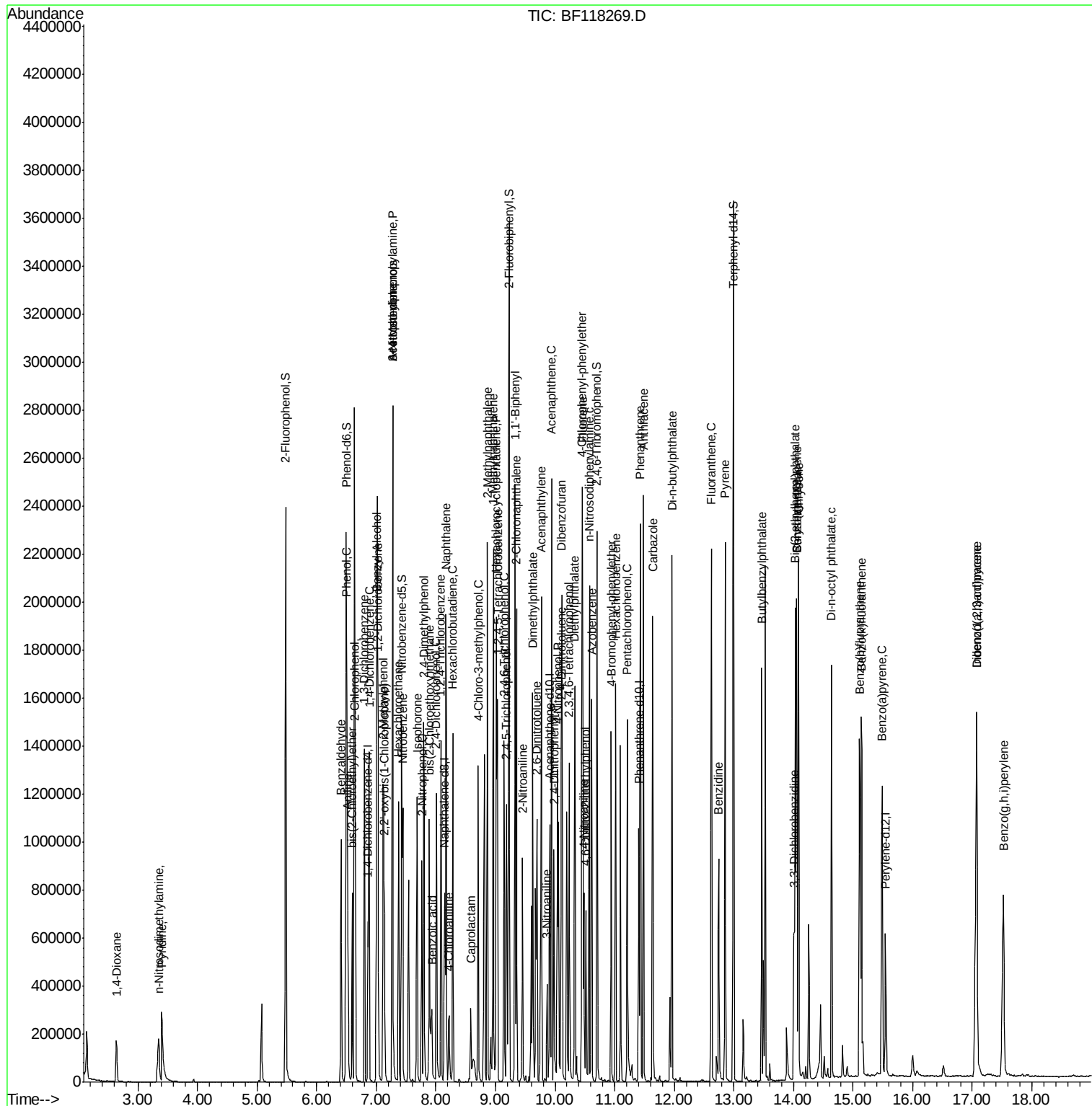
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	267040	95.599	nq	99
43) 2,4,6-Trichlorophenol	9.15	196	178345	42.844	nq	97
44) 2,4,5-Trichlorophenol	9.19	196	186427	43.228	nq	96
46) 1,1'-Biphenyl	9.33	154	712457	43.894	nq	100
47) 2-Chloronaphthalene	9.36	162	557463	42.696	nq	99
48) 2-Nitroaniline	9.45	65	151603	40.716	nq	96
49) Acenaphthylene	9.77	152	887798	46.101	nq	99
50) Dimethylphthalate	9.63	163	741642	48.788	nq	98
51) 2,6-Dinitrotoluene	9.70	165	146491	44.318	nq	90
52) Acenaphthene	9.95	154	510796	43.456	nq	97
53) 3-Nitroaniline	9.87	138	70523	18.129	nq	92
54) 2,4-Dinitrophenol	9.98	184	133176	80.983	nq	97
55) Dibenzofuran	10.12	168	773766	44.926	nq	99
56) 4-Nitrophenol	10.04	139	212322	78.649	nq	99
57) 2,4-Dinitrotoluene	10.10	165	195595	44.334	nq	98
58) Fluorene	10.46	166	609700	44.545	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.24	232	157391	44.236	nq	99
60) Diethylphthalate	10.33	149	660528	44.102	nq	99
61) 4-Chlorophenyl-phenylether	10.45	204	302866	43.978	nq	98
62) 4-Nitroaniline	10.49	138	152427	37.570	nq	98
63) Azobenzene	10.62	77	566171	44.282	nq	94
65) 4,6-Dinitro-2-methylphenol	10.52	198	96438	46.125	nq	93
66) n-Nitrosodiphenylamine	10.57	169	541276	45.782	nq	100
67) 4-Bromophenyl-phenylether	10.94	248	189182	43.775	nq	97
68) Hexachlorobenzene	11.02	284	216696	42.600	nq	95
69) Atrazine	11.10	200	184567	Below Cal		98
70) Pentachlorophenol	11.22	266	205839	86.047	nq	99
71) Phenanthrene	11.43	178	896589	44.550	nq	100
72) Anthracene	11.48	178	930334	46.339	nq	99
73) Carbazole	11.64	167	794073	44.083	nq	100
74) Di-n-butylphthalate	11.96	149	1021149	45.296	nq	99
75) Fluoranthene	12.62	202	902547	43.863	nq	97
77) Benzidine	12.74	184	356807	55.888	nq	99
78) Pyrene	12.86	202	899056	47.043	nq	98
80) Butylbenzylphthalate	13.47	149	394857	45.621	nq	93
81) Benzo(a)anthracene	14.05	228	753614	44.940	nq	99
82) 3,3'-Dichlorobenzidine	14.01	252	141734	25.735	nq	98
83) Chrysene	14.09	228	714204	44.587	nq	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	546659	47.899	nq	99
85) Di-n-octyl phthalate	14.64	149	848550	49.082	nq	100
86) Indeno(1,2,3-cd)pyrene	17.07	276	811366	60.199	nq	100
88) Benzo(b)fluoranthene	15.11	252	706389	43.688	nq	98
89) Benzo(k)fluoranthene	15.14	252	646814	41.641	nq	# 98
90) Benzo(a)pyrene	15.49	252	612359	42.881	nq	99
91) Dibenzo(a,h)anthracene	17.08	278	676168	55.205	nq	99
92) Benzo(g,h,i)perylene	17.52	276	692378	58.826	nq	98

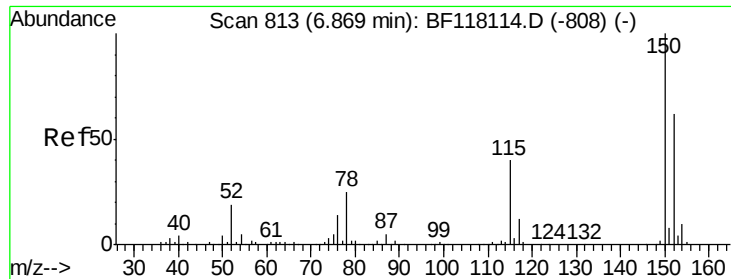
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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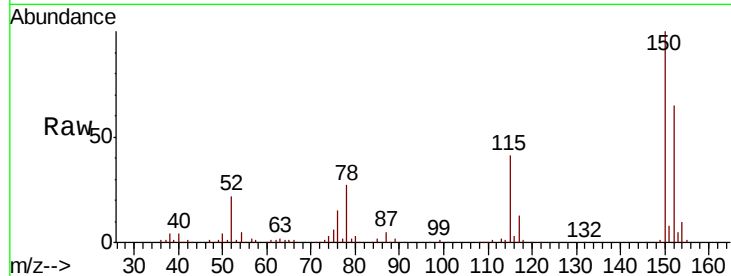


#1

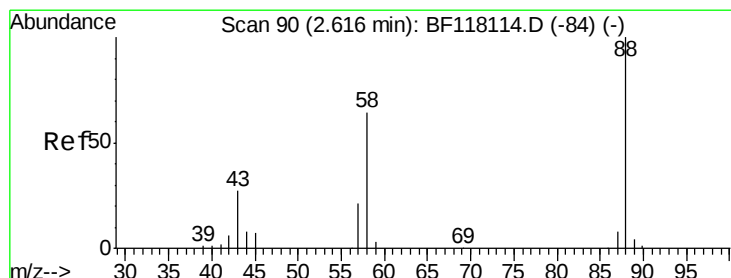
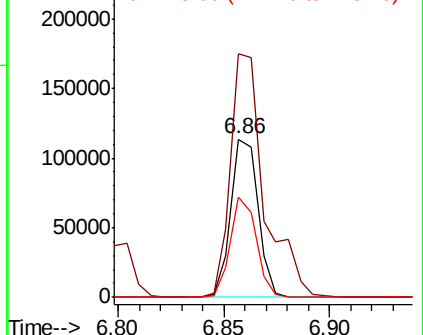
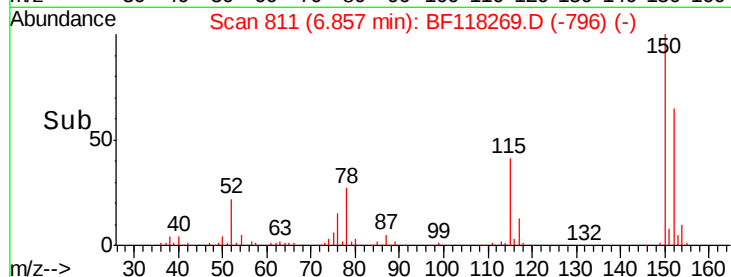
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	128.3	192.5
115	63.0	51.1	76.7



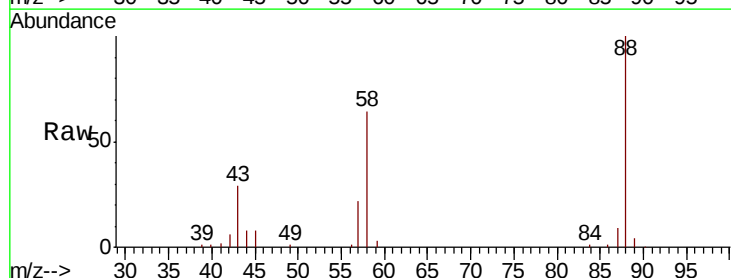
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



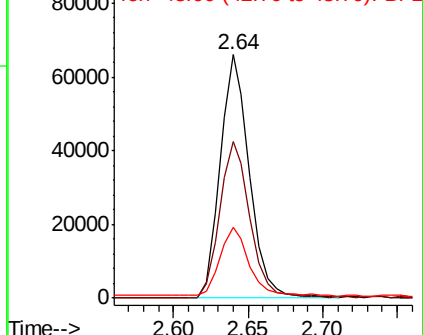
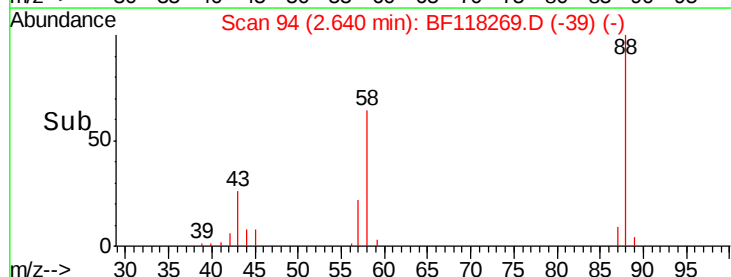
#2

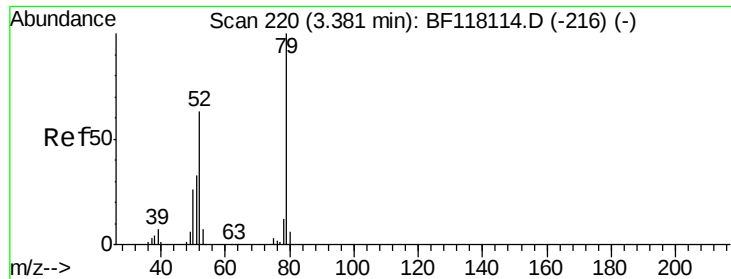
1,4-Dioxane
Concen: 37.218 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.02 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.4	52.2	78.4
43	27.6	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: 34.906 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.02 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

Instrument :

BNA_F

ClientSampleId :

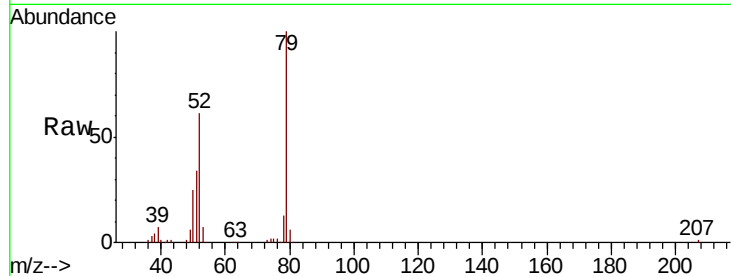
Tot Ion: 79 Resp: 219619

Ion Ratio Lower Upper

79 100

52 61.4 50.7 76.1

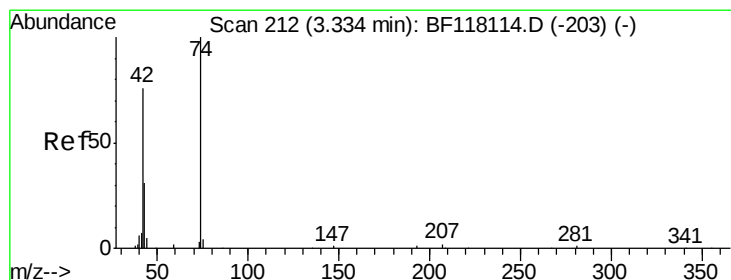
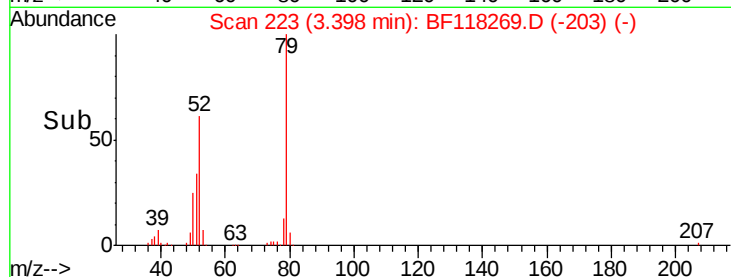
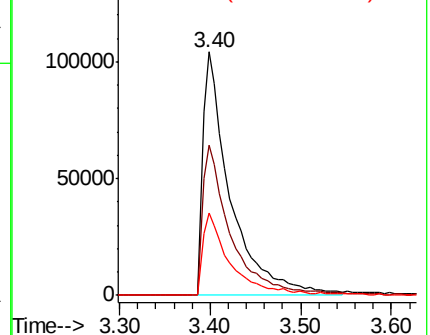
51 33.7 26.4 39.6



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: 42.608 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.02 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

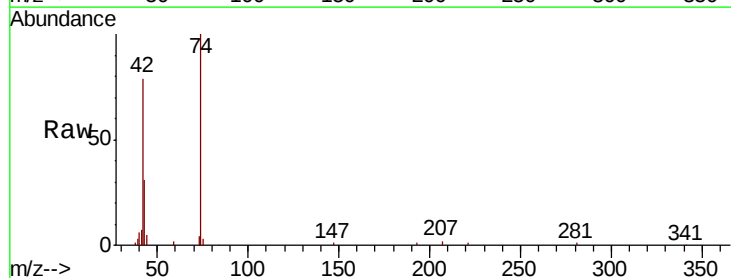
Tgt Ion: 42 Resp: 115327

Ion Ratio Lower Upper

42 100

74 126.6 104.6 157.0

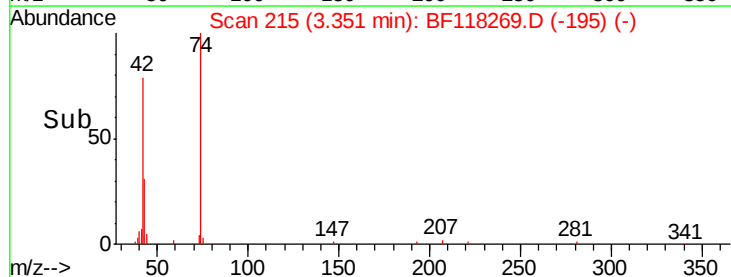
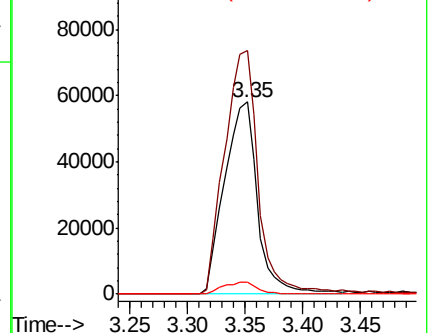
44 5.9 5.1 7.7



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: 119.554 ng

RT: 5.48 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

Instrument :

BNA_F

ClientSampled :

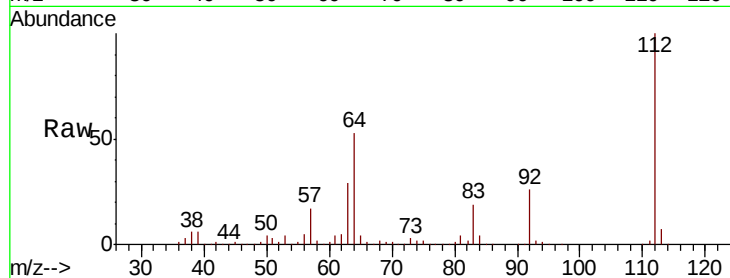
Tot Ion: 112 Resp: 691455

Ion Ratio Lower Upper

112 100

64 53.1 41.3 61.9

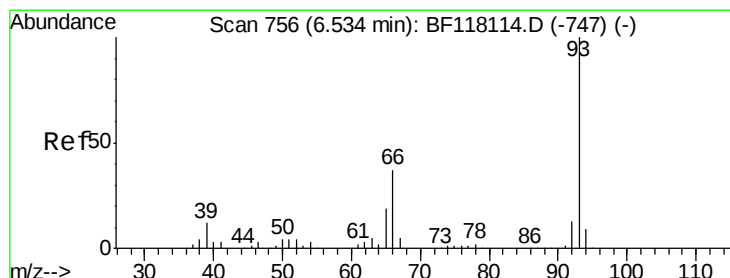
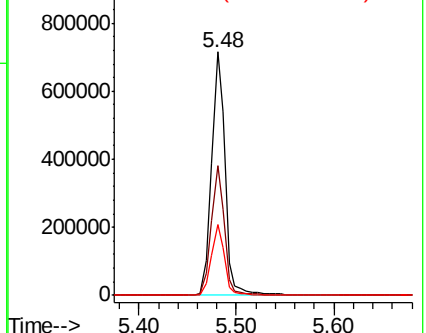
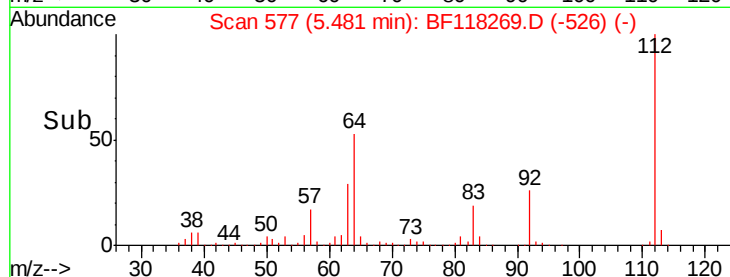
63 29.1 22.4 33.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 30.688 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

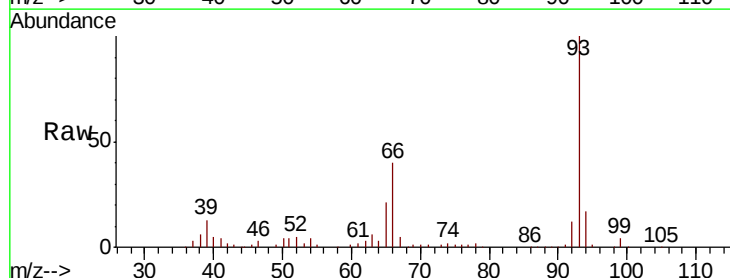
Tgt Ion: 93 Resp: 274610

Ion Ratio Lower Upper

93 100

66 40.3 30.2 45.2

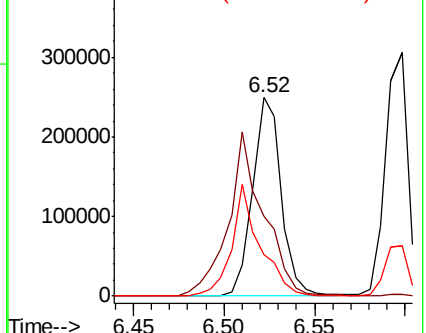
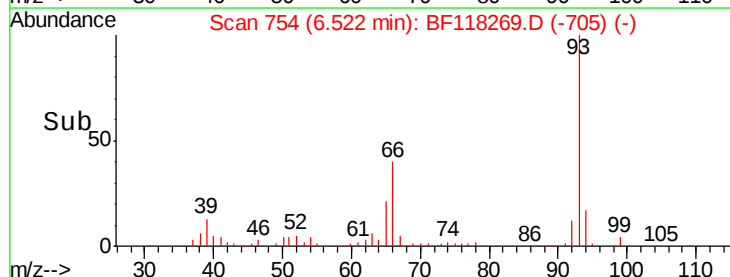
65 20.6 15.5 23.3

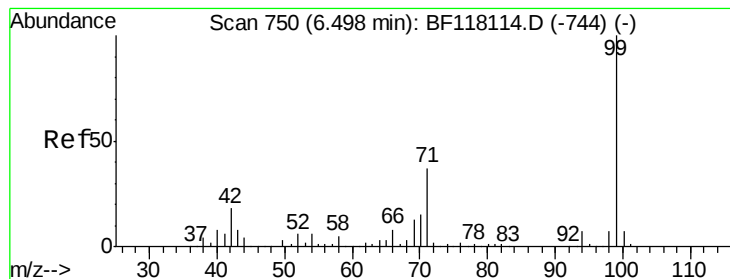


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 124.440 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

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BNA_F

ClientSampled :

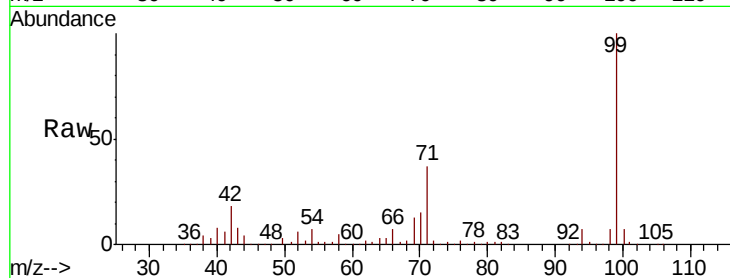
Tot Ion: 99 Resp: 870514

Ion Ratio Lower Upper

99 100

42 17.7 14.1 21.1

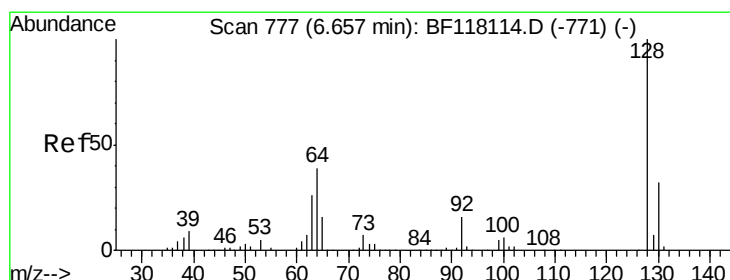
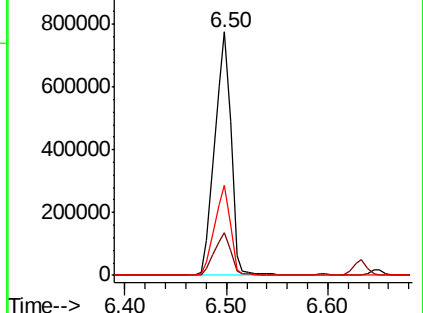
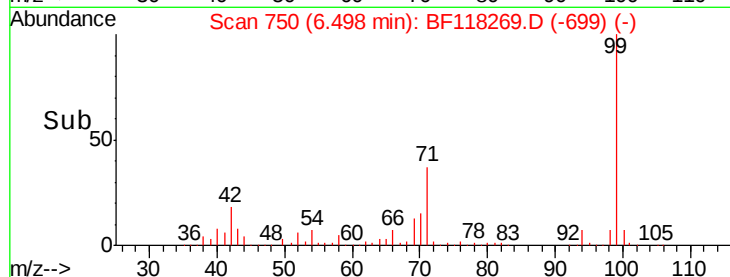
71 36.8 29.7 44.5



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: 46.532 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

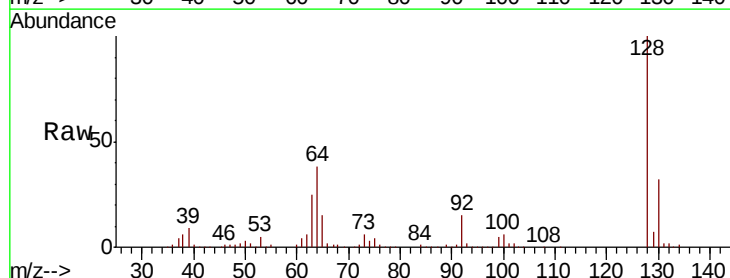
Tgt Ion: 128 Resp: 303460

Ion Ratio Lower Upper

128 100

130 32.1 12.1 52.1

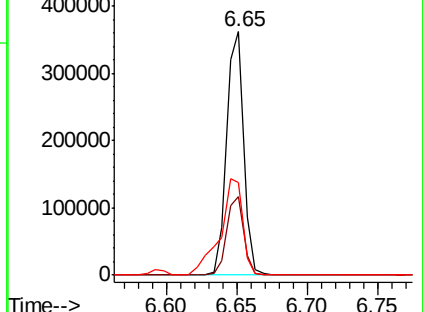
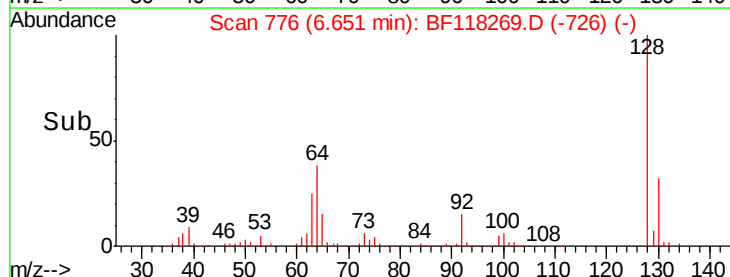
64 37.8 19.3 59.3

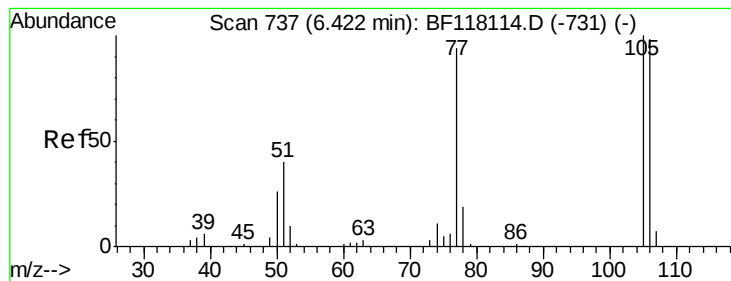


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 57.615 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

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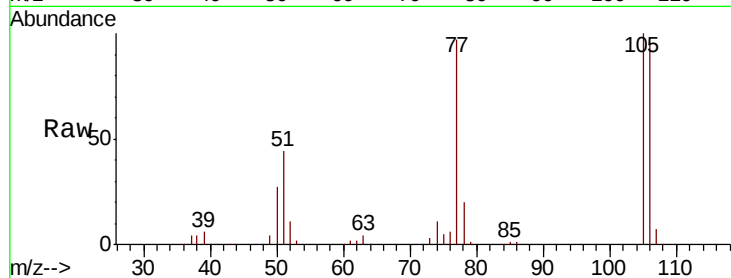
Tot Ion: 77 Resp: 184475

Ion Ratio Lower Upper

77 100

105 103.1 86.4 126.4

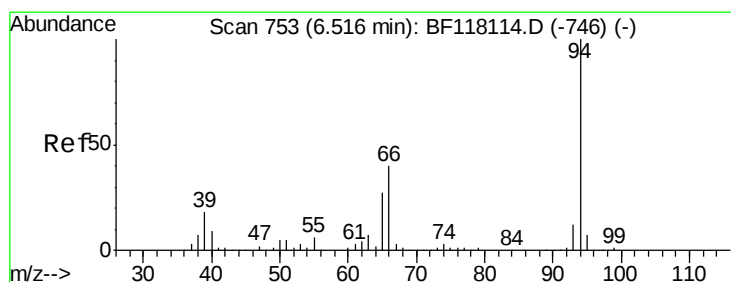
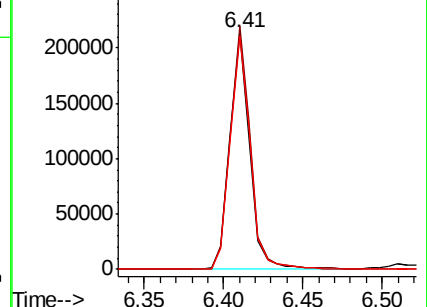
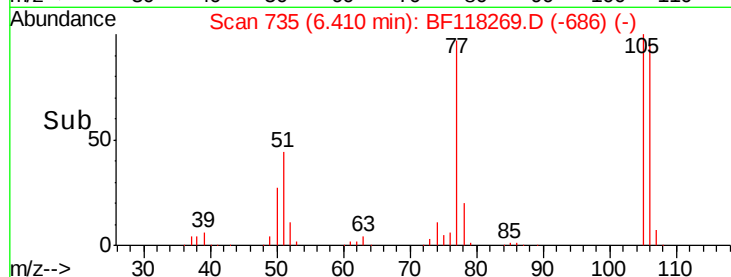
106 98.9 83.8 123.8



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: 47.441 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

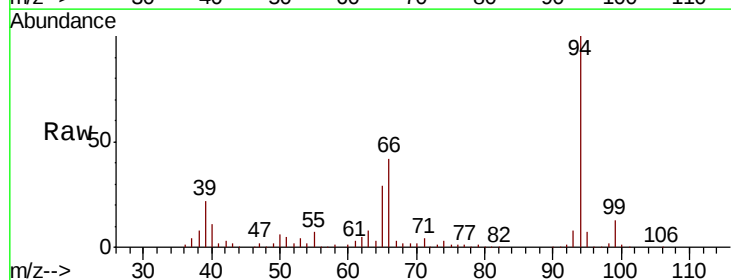
Tgt Ion: 94 Resp: 378474

Ion Ratio Lower Upper

94 100

65 28.7 7.3 47.3

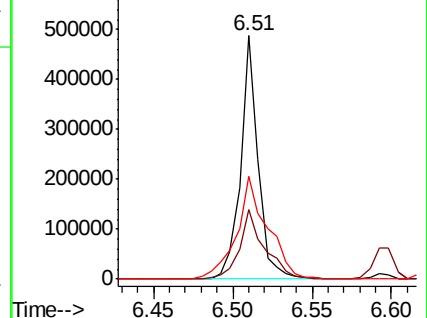
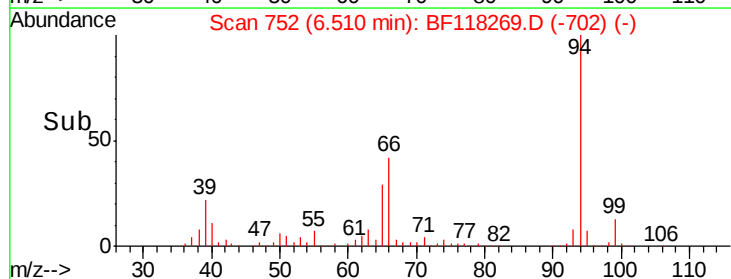
66 42.4 20.2 60.2

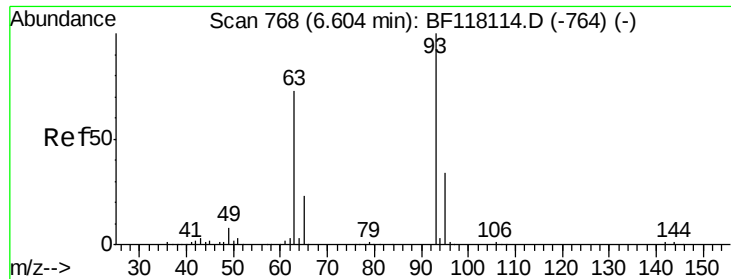


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

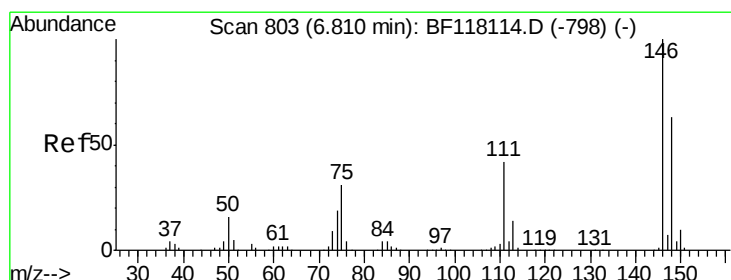
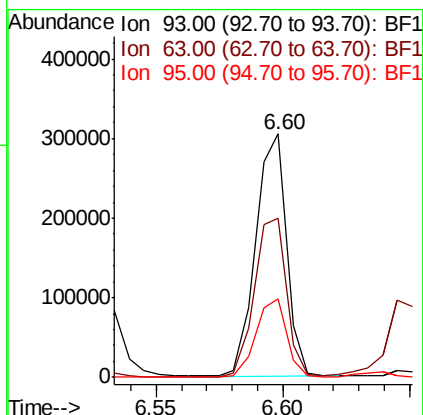
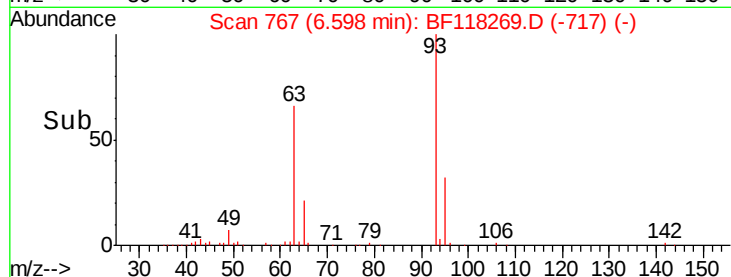
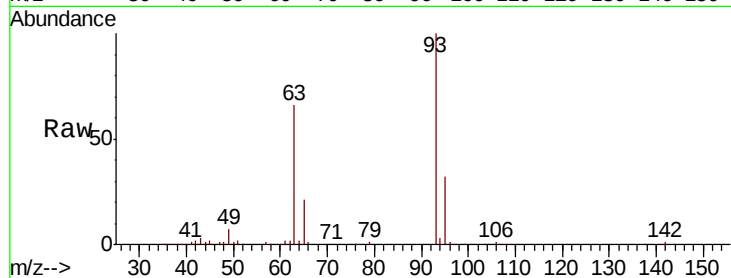




#11
bis(2-Chloroethyl)ether
Concen: 45.140 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

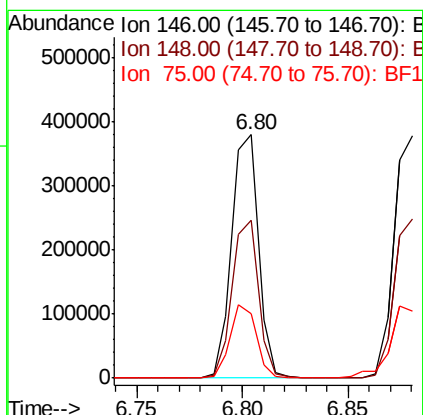
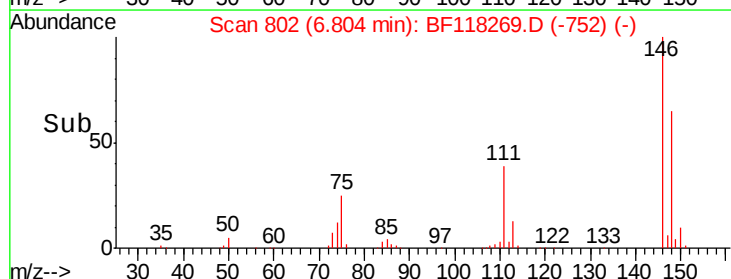
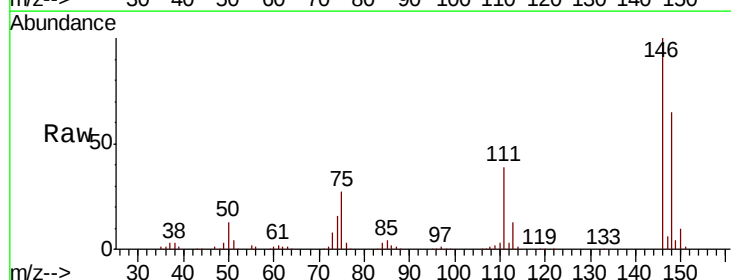
Instrument :
BNA_F
ClientSampleId :

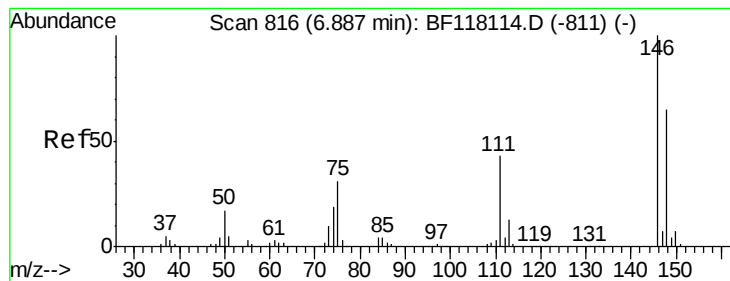
Tot Ion: 93 Resp: 260454
Ion Ratio Lower Upper
93 100
63 65.5 53.2 93.2
95 32.3 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 43.763 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion: 146 Resp: 333399
Ion Ratio Lower Upper
146 100
148 65.0 50.2 75.4
75 26.6 24.6 37.0





#13

1,4-Dichlorobenzene

Concen: 43.330 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

Instrument :

BNA_F

ClientSampleId :

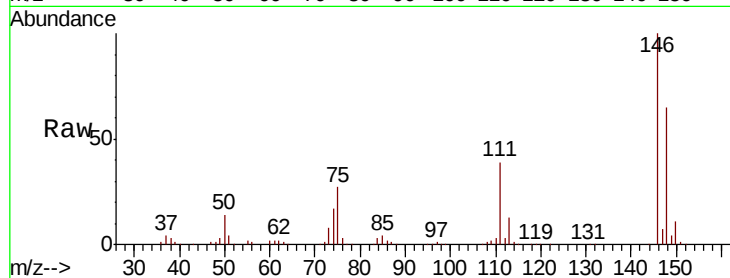
Tot Ion:146 Resp: 332396

Ion Ratio Lower Upper

146 100

148 65.4 52.1 78.1

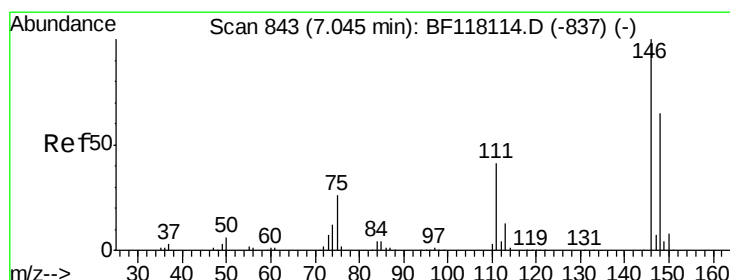
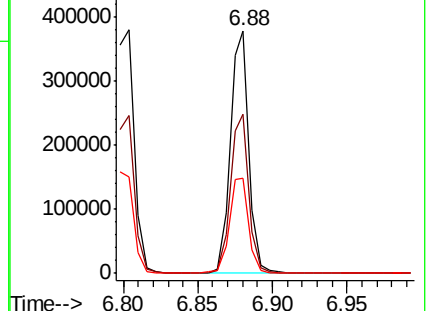
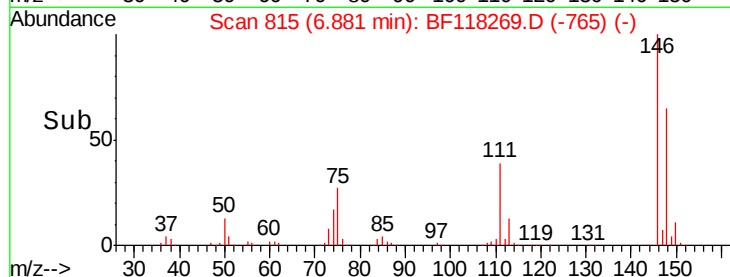
111 39.3 34.6 52.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.551 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

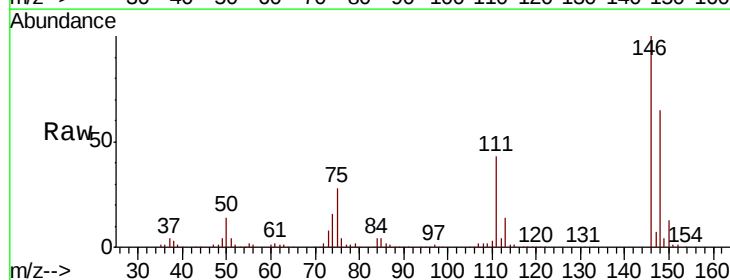
Tgt Ion:146 Resp: 320950

Ion Ratio Lower Upper

146 100

148 65.0 52.2 78.2

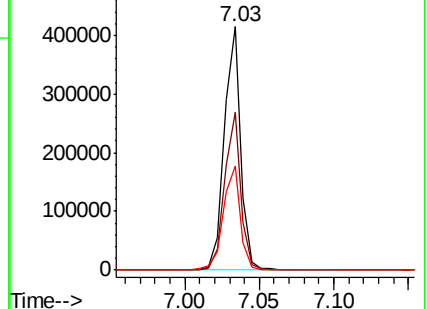
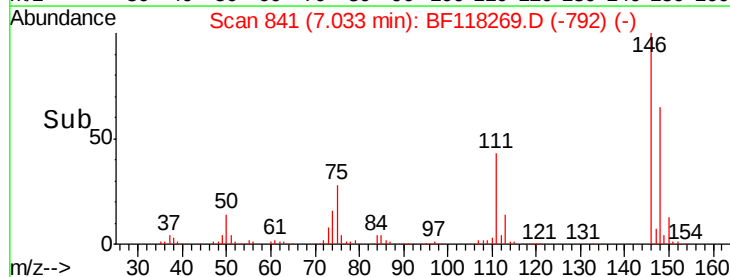
111 43.0 33.1 49.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.268 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

Instrument :
BNA_F
ClientSampleId :

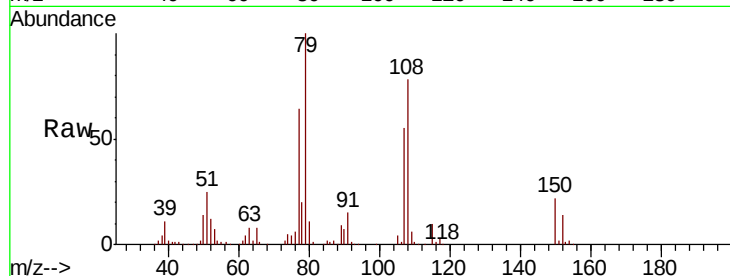
Tot Ion: 79 Resp: 247192

Ion Ratio Lower Upper

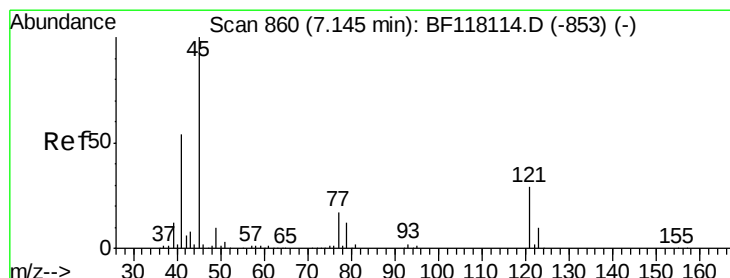
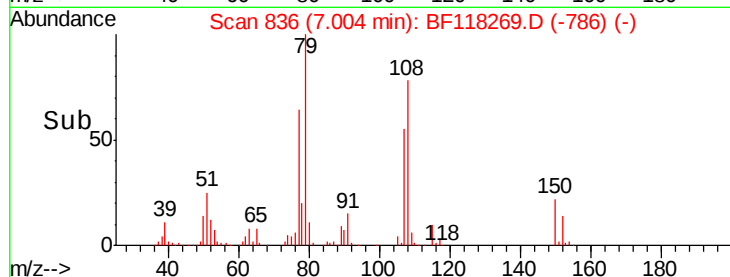
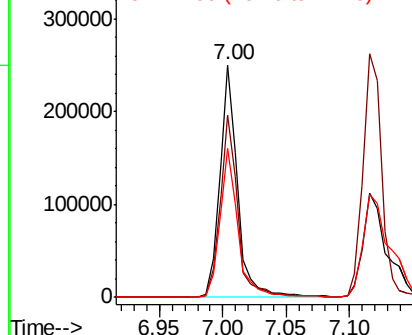
79 100

108 78.1 62.7 94.1

77 64.1 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: 42.440 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

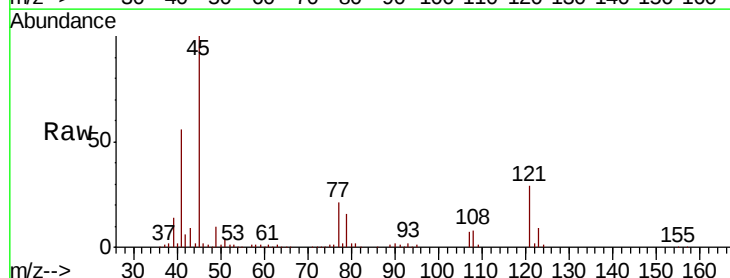
Tgt Ion: 45 Resp: 294428

Ion Ratio Lower Upper

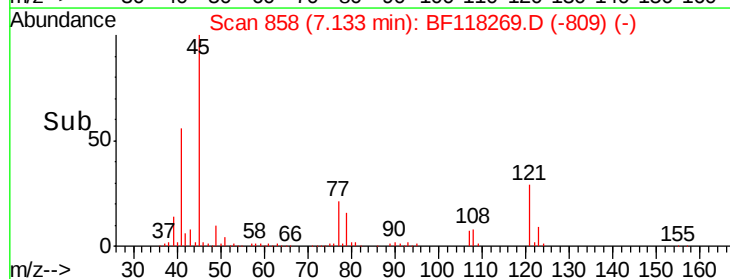
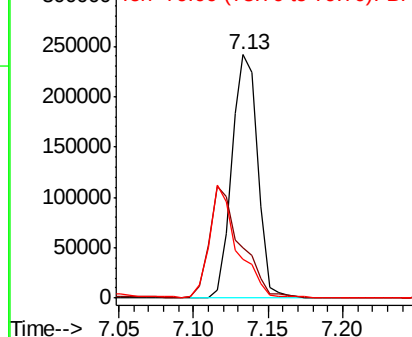
45 100

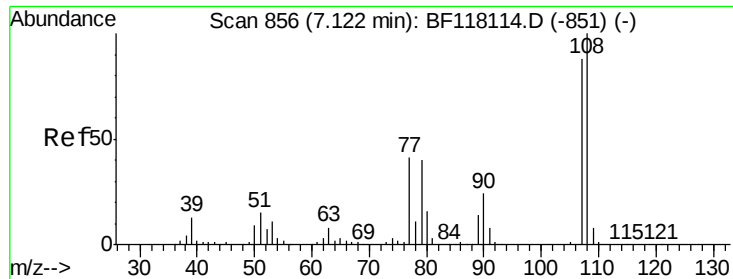
77 20.8 0.0 38.0

79 15.7 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

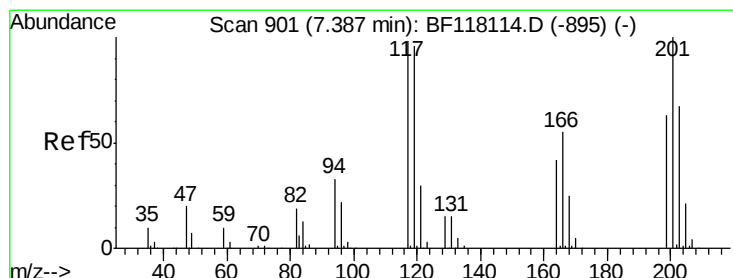
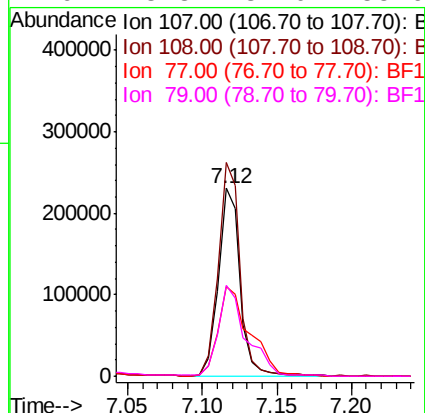
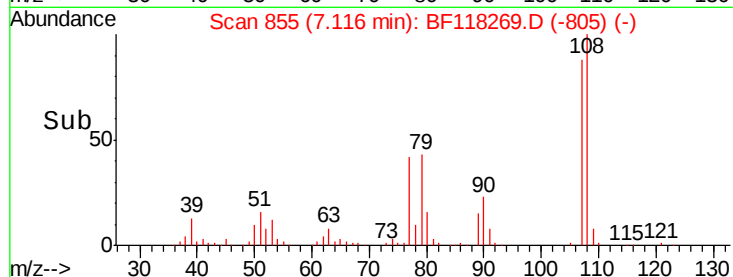
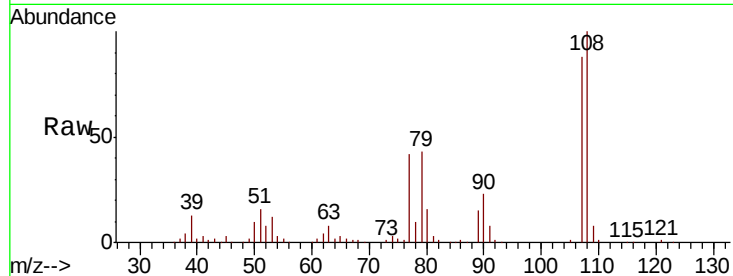




#17
2-Methylphenol
Concen: 44.942 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

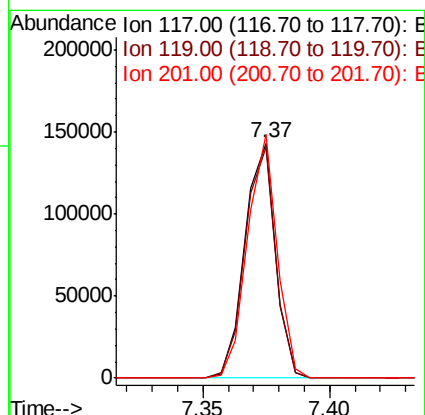
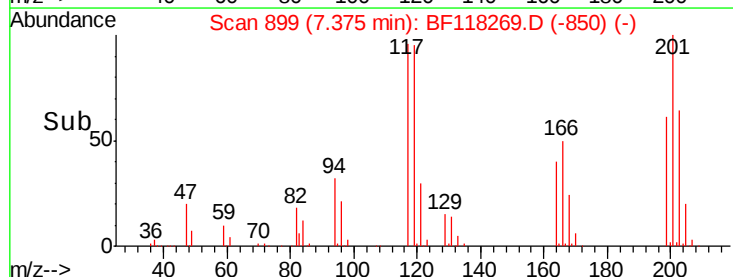
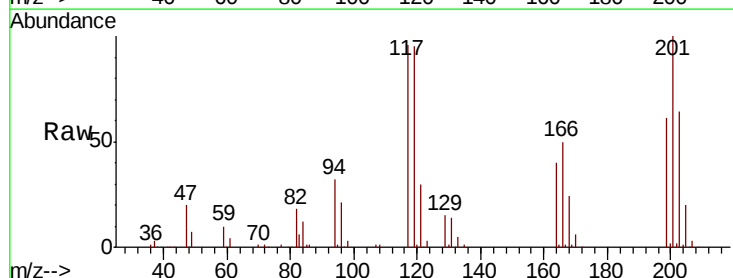
Instrument :
BNA_F
ClientSampleId :

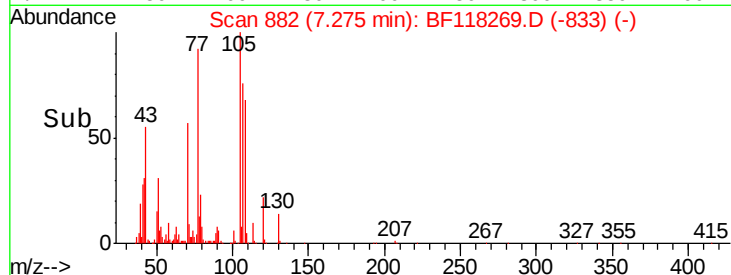
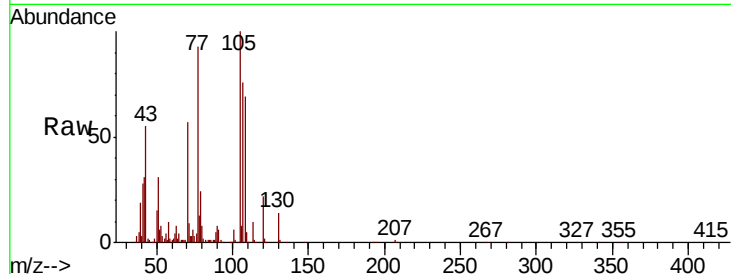
Tot Ion:	107	Resp:	233108
Ion	Ratio	Lower	Upper
107	100		
108	113.5	91.1	136.7
77	47.8	37.8	56.6
79	48.3	37.0	55.6



#18
Hexachloroethane
Concen: 42.612 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion:	117	Resp:	120451
Ion	Ratio	Lower	Upper
117	100		
119	98.3	78.2	117.4
201	103.7	81.6	122.4

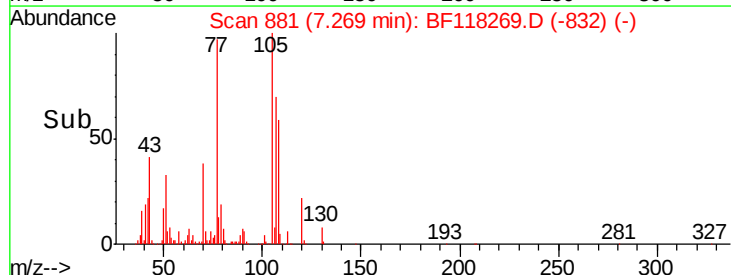
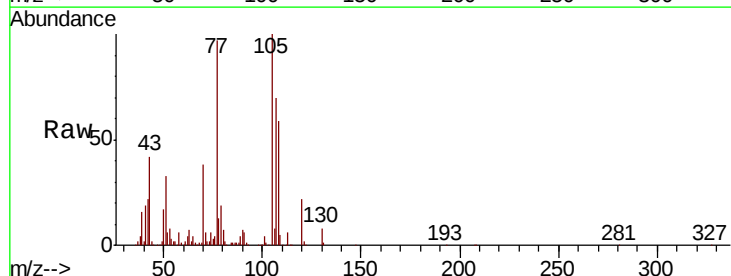
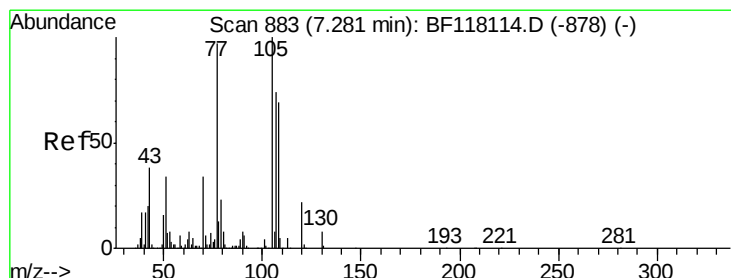
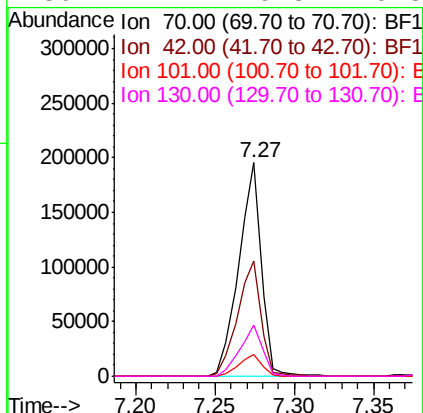




#19
n-Nitroso-di-n-propylamine
Concen: 45.151 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

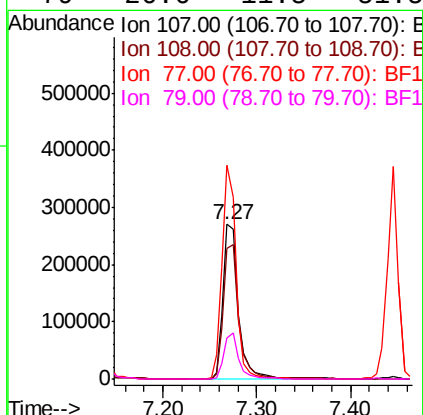
Instrument :
BNA_F
ClientSampleId :

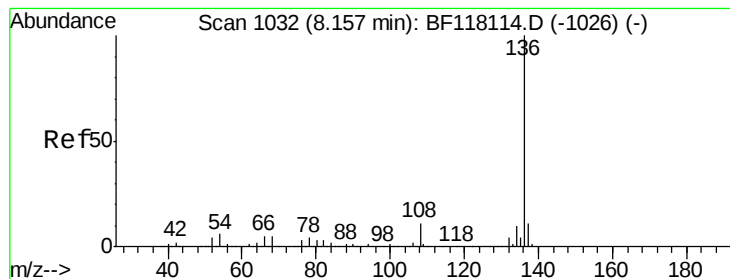
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.8	43.2	64.8	
101	10.2	8.1	12.1	
130	24.1	19.8	29.8	



#20
3+4-Methylphenols
Concen: 47.184 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.2	73.2	113.2	
77	138.4	110.9	150.9	
79	26.6	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: BF118269.D

Acq: 18 Dec 2019 20:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 390867

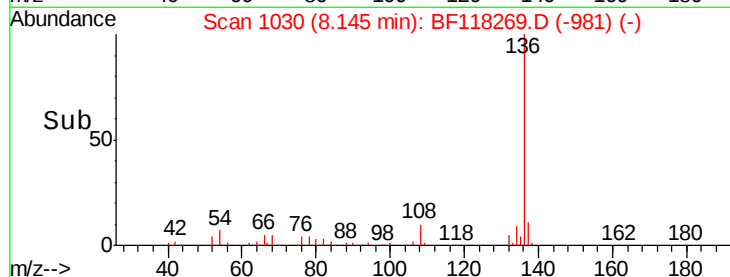
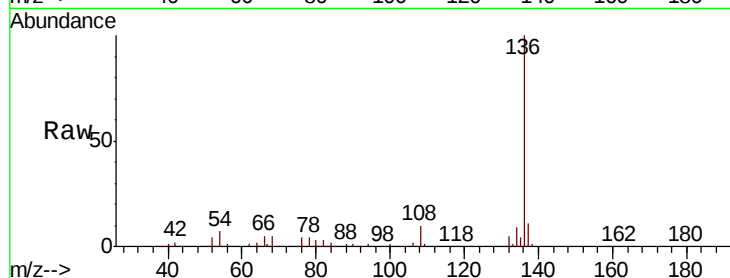
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 6.7 5.0 7.6

68 4.7 3.8 5.8

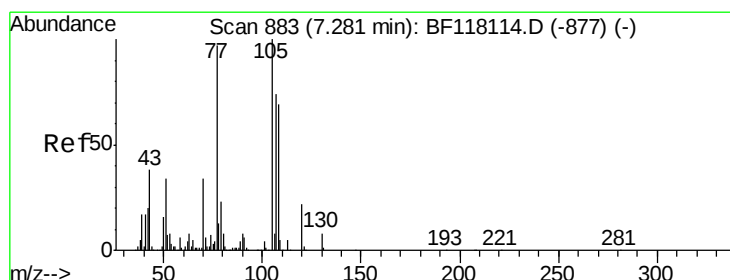
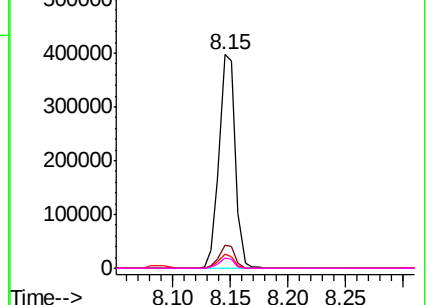


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.864 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

Tgt Ion:105 Resp: 402510

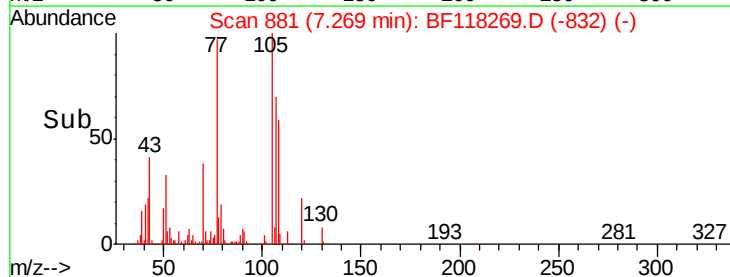
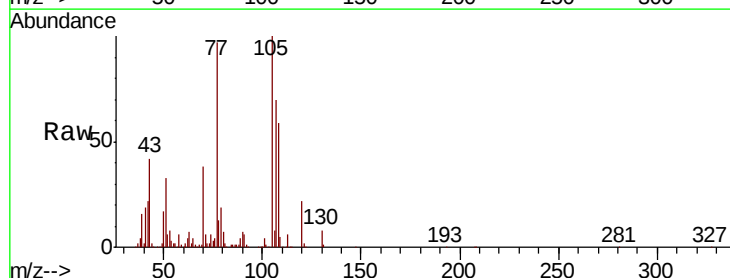
Ion Ratio Lower Upper

105 100

71 6.2 4.7 7.1

51 32.5 27.1 40.7

120 22.4 17.8 26.6

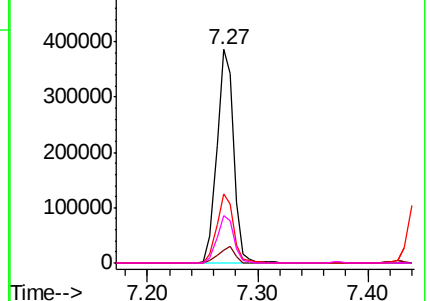


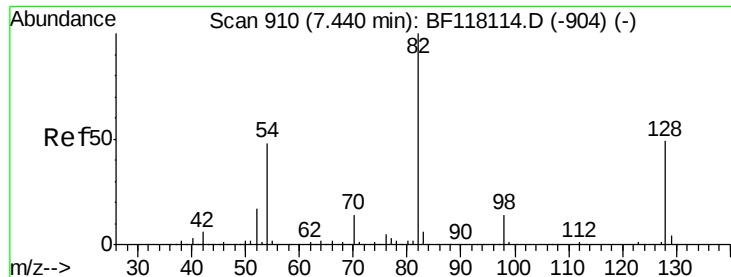
Abundance Ion 105.00 (104.70 to 105.70): E

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

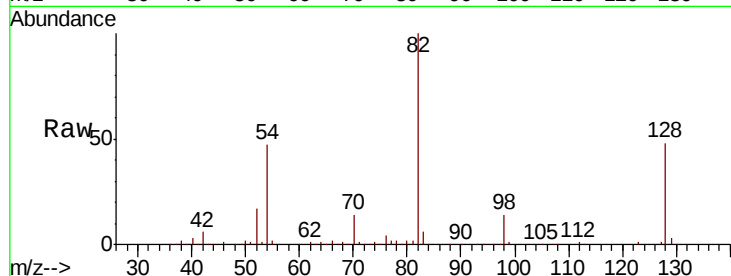




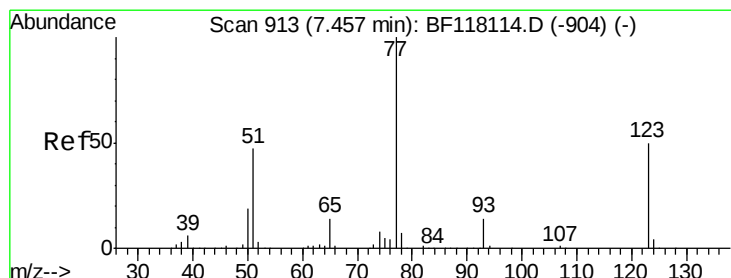
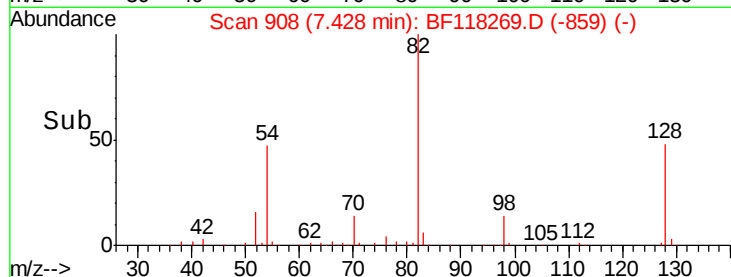
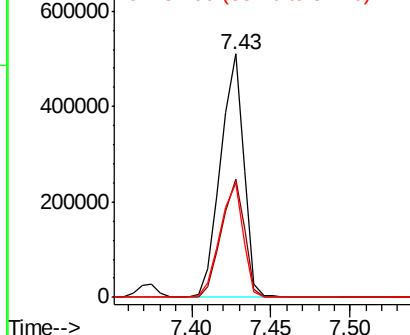
#23
Nitrobenzene-d5
Concen: 75.141 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 522064
Ion Ratio Lower Upper
82 100
128 48.4 39.1 58.7
54 47.0 38.2 57.2

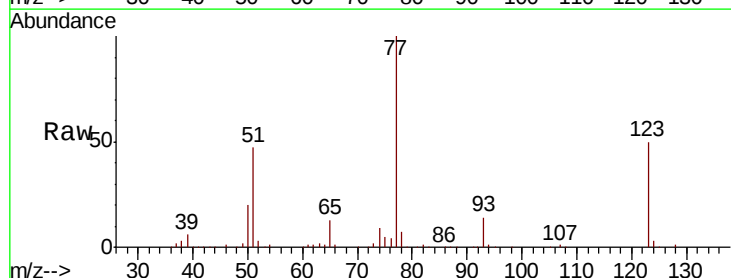


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

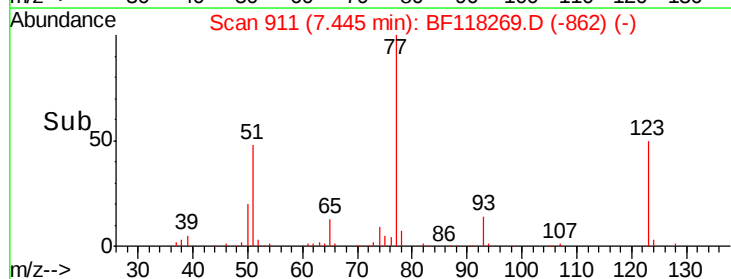
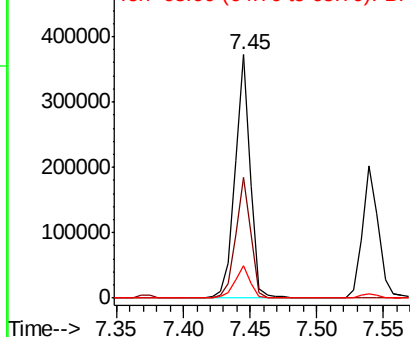


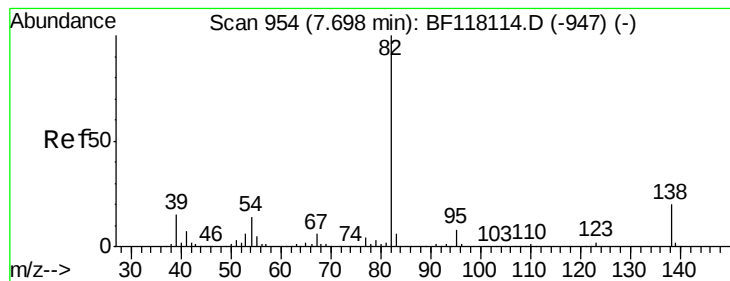
#24
Nitrobenzene
Concen: 43.459 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion: 77 Resp: 296656
Ion Ratio Lower Upper
77 100
123 49.8 40.1 60.1
65 13.3 10.9 16.3



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





#25

Isophorone

Concen: 44.411 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

Instrument :

BNA_F

ClientSampleId :

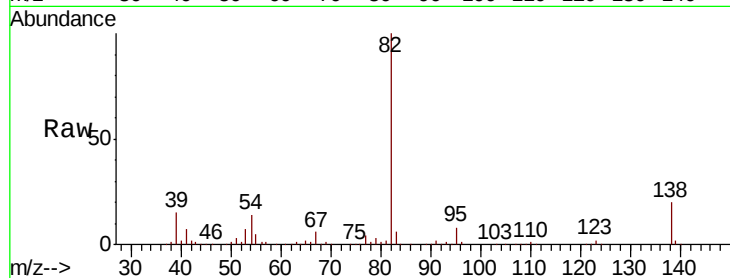
Tot Ion: 82 Resp: 523068

Ion Ratio Lower Upper

82 100

95 7.7 6.3 9.5

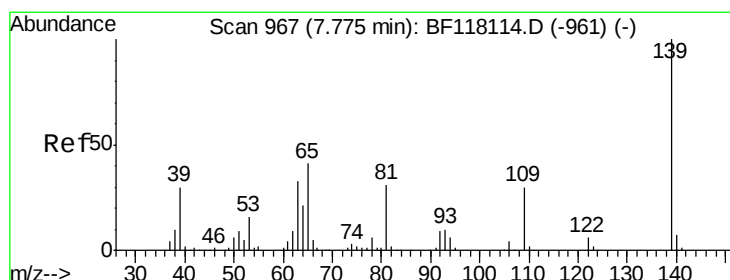
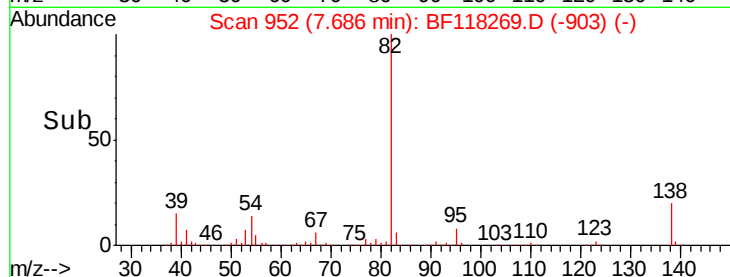
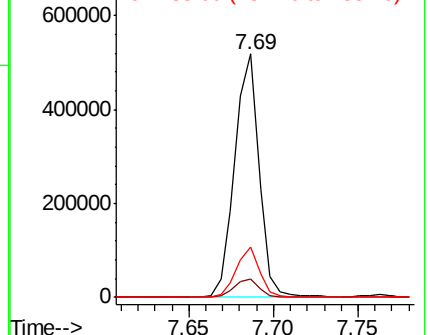
138 20.4 16.3 24.5



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: 45.197 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

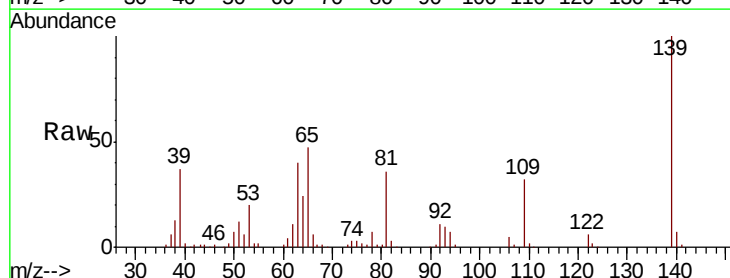
Tgt Ion: 139 Resp: 164900

Ion Ratio Lower Upper

139 100

109 32.4 23.9 35.9

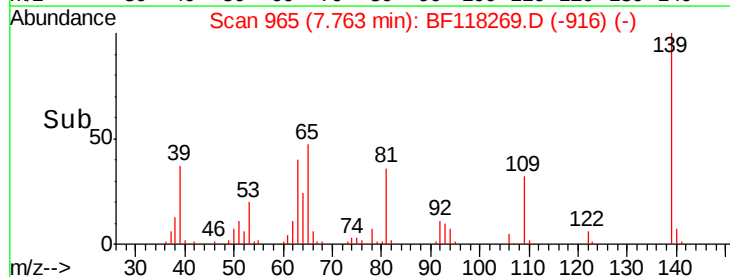
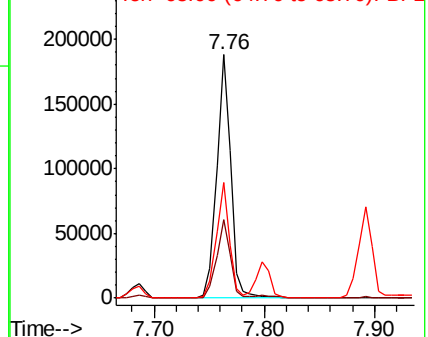
65 47.3 33.0 49.6

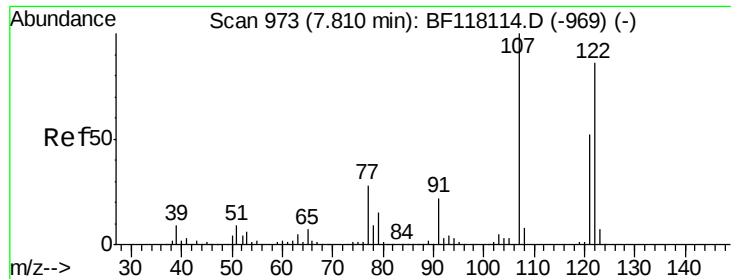


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 53.008 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

Instrument :

BNA_F

ClientSampled :

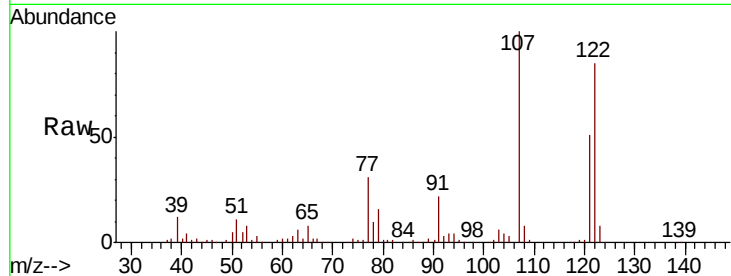
Tot Ion:122 Resp: 257972

Ion Ratio Lower Upper

122 100

107 117.9 92.9 139.3

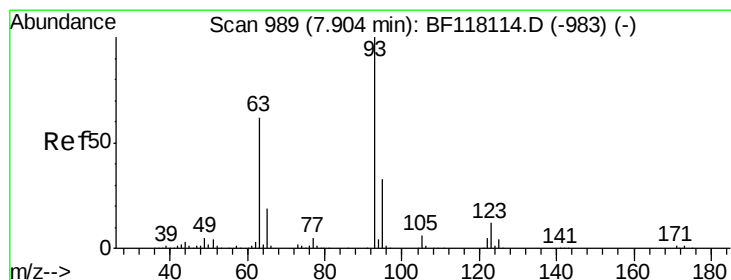
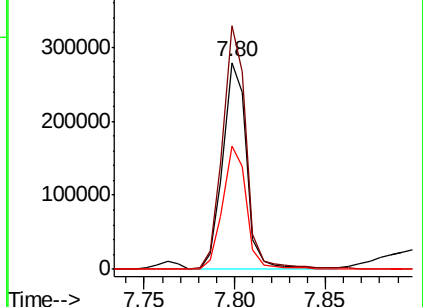
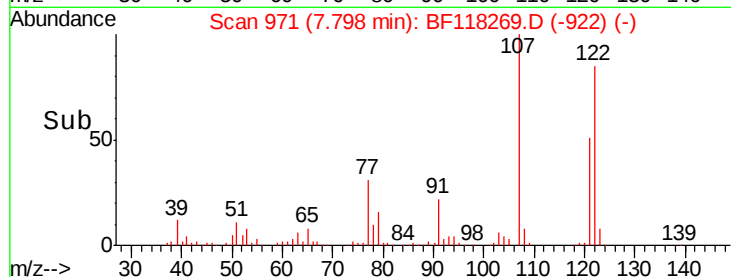
121 59.6 48.3 72.5



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: 42.318 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

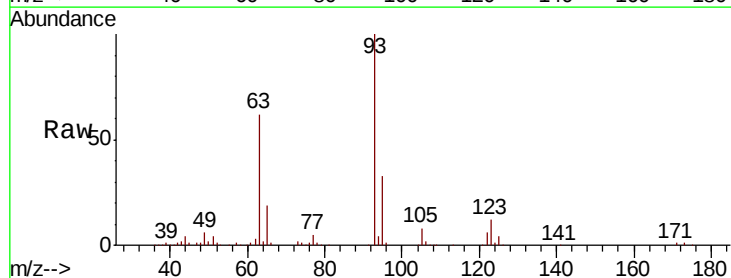
Tgt Ion: 93 Resp: 325683

Ion Ratio Lower Upper

93 100

95 33.5 26.7 40.1

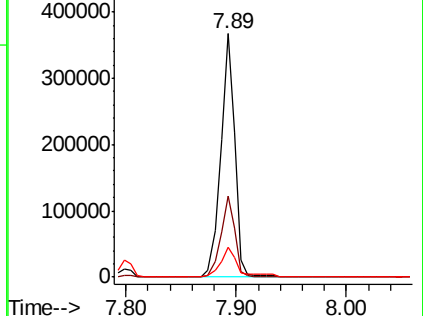
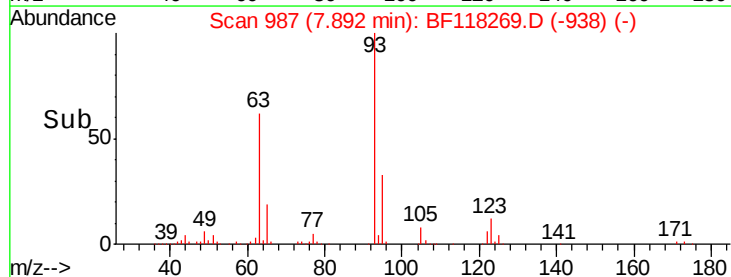
123 12.5 10.0 15.0

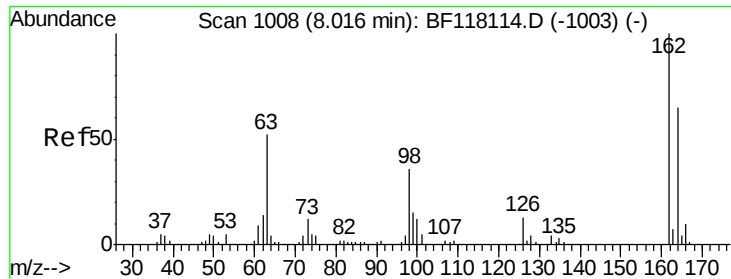


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

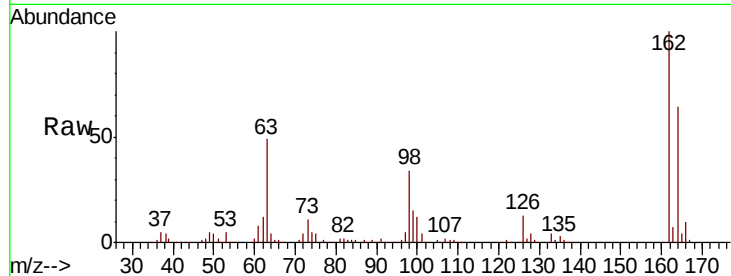




#29
2,4-Dichlorophenol
Concen: 44.107 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	45.2	85.2
98	34.4	15.9	55.9

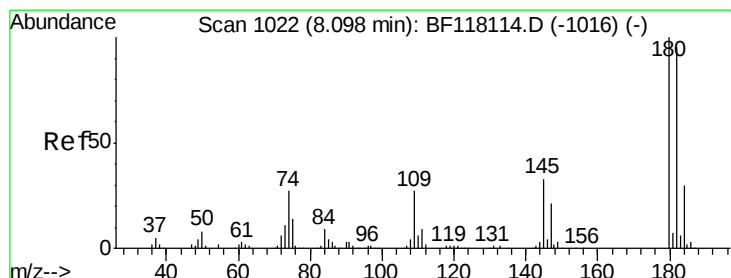
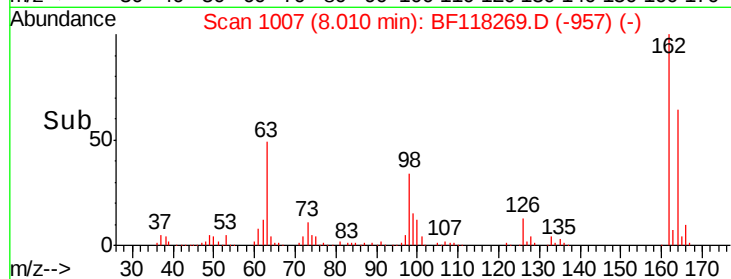
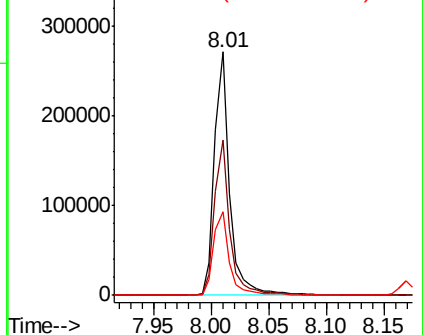


Abundance

Ion 162.00 (161.70 to 162.70): E

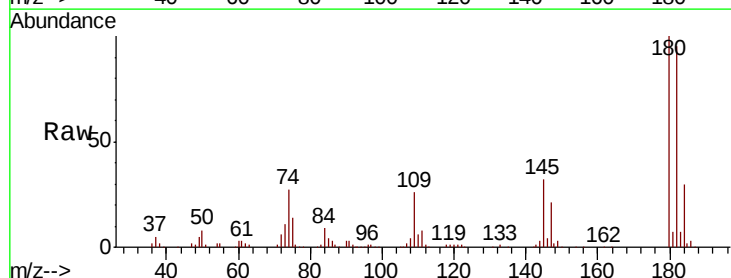
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 42.731 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.1	114.1
145	32.0	26.1	39.1

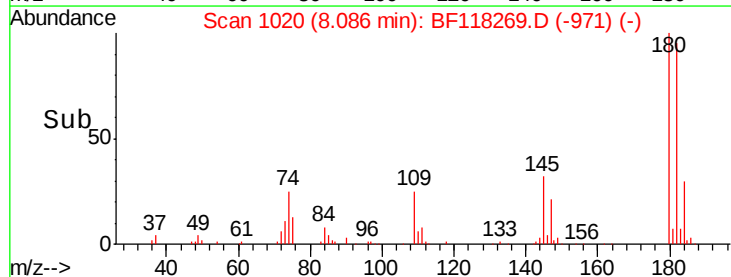
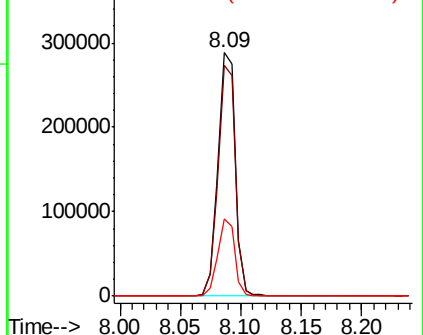


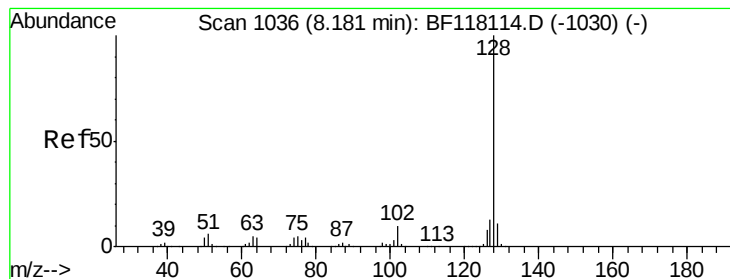
Abundance

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: 44.659 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

Instrument :

BNA_F

ClientSampleId :

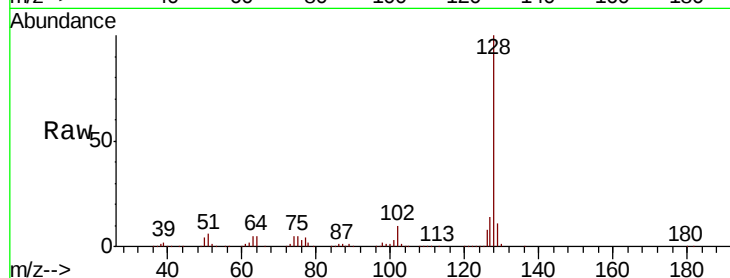
Tot Ion:128 Resp: 876663

Ion Ratio Lower Upper

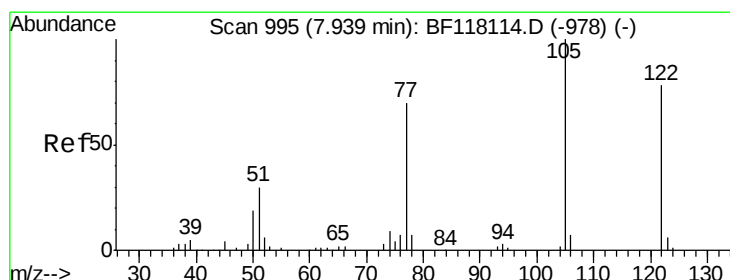
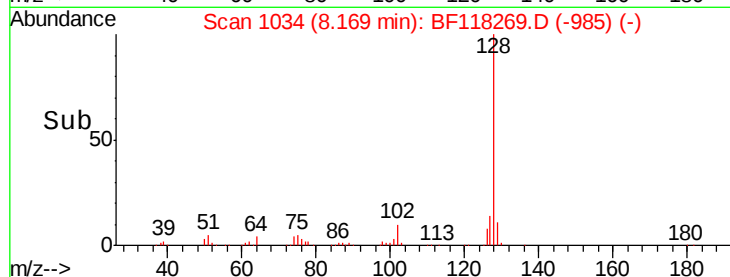
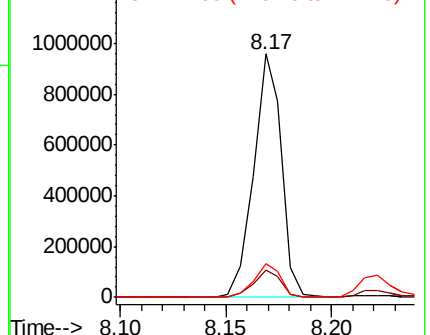
128 100

129 11.4 9.1 13.7

127 13.7 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: 36.554 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

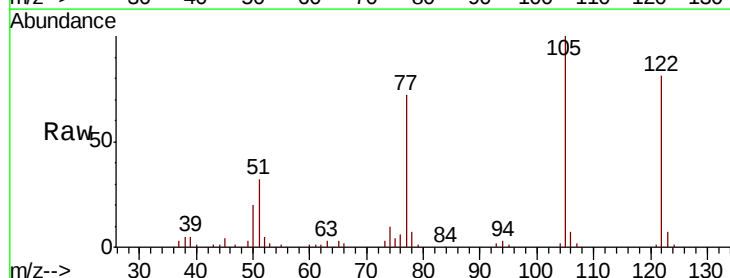
Tgt Ion:122 Resp: 160623

Ion Ratio Lower Upper

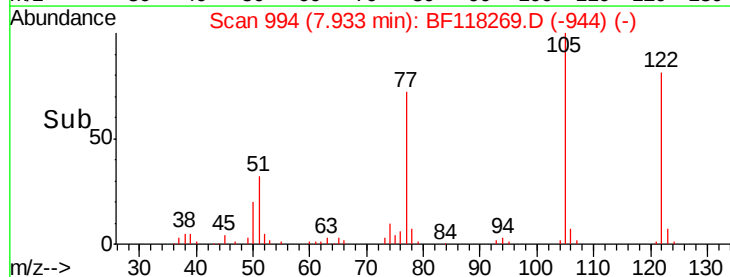
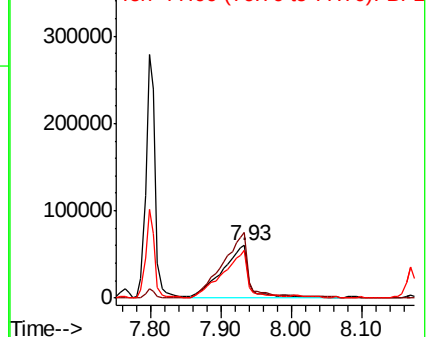
122 100

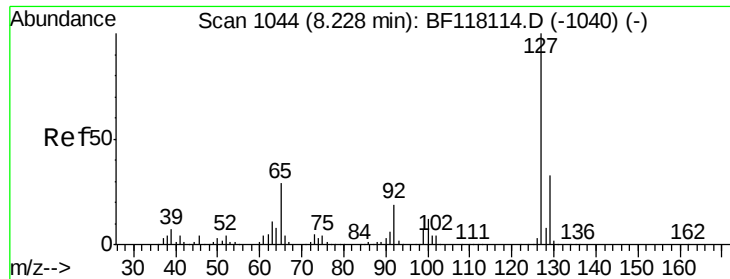
105 124.0 104.7 144.7

77 89.7 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

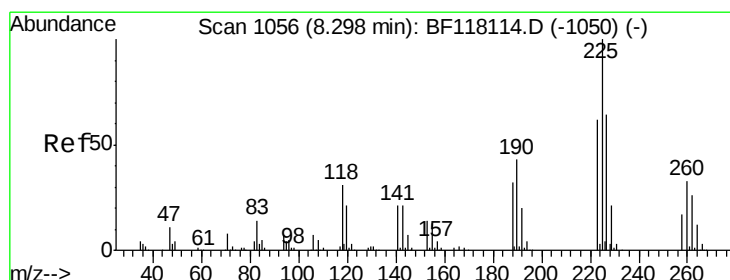
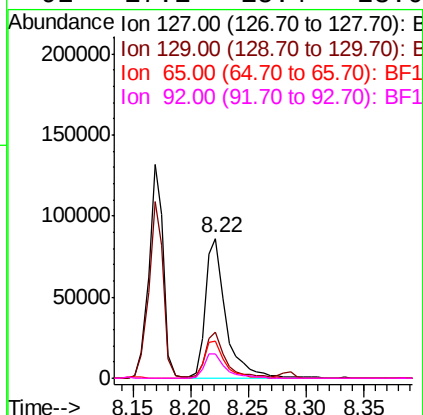
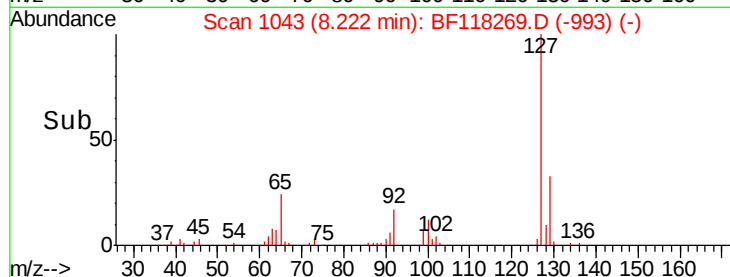
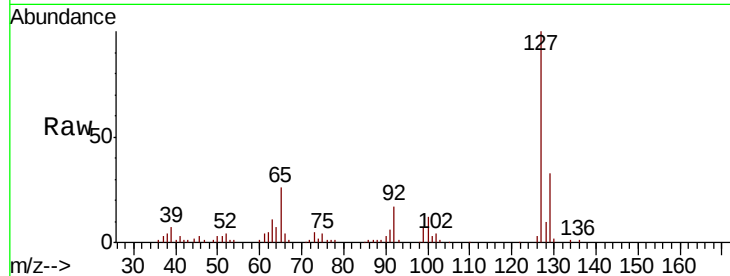




#33
4-Chloroaniline
Concen: 12.588 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

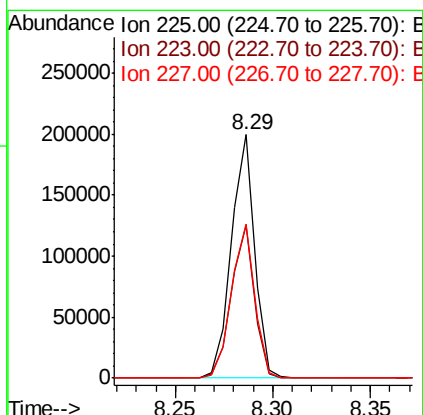
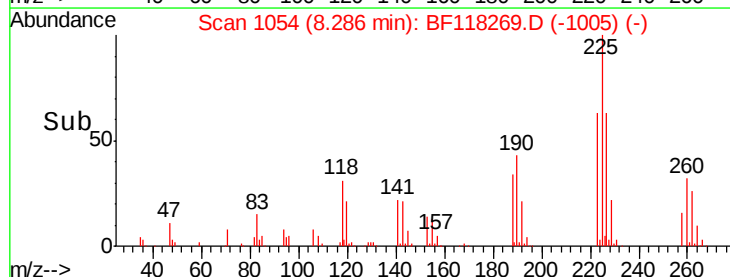
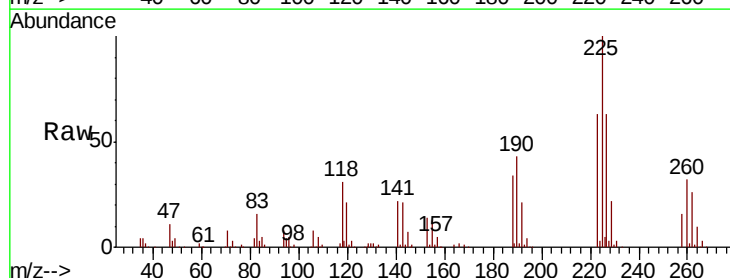
Instrument :
BNA_F
ClientSampleId :

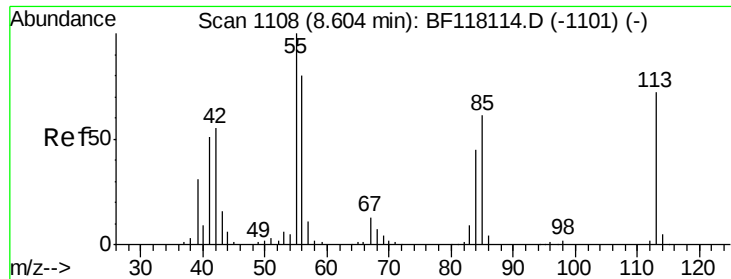
Tot Ion:	127	Resp:	106694
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.6	40.0
65	26.2	23.2	34.8
92	17.1	15.4	23.0



#34
Hexachlorobutadiene
Concen: 41.476 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion:	225	Resp:	164901
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.6	74.4
227	63.4	51.0	76.6

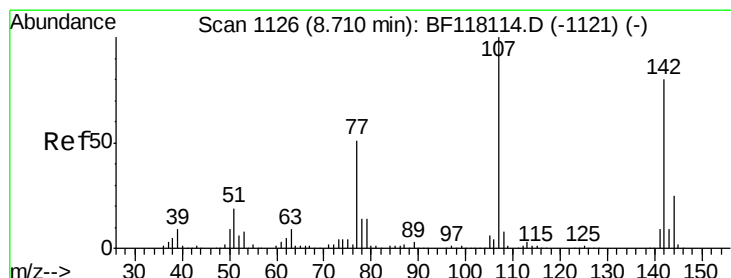
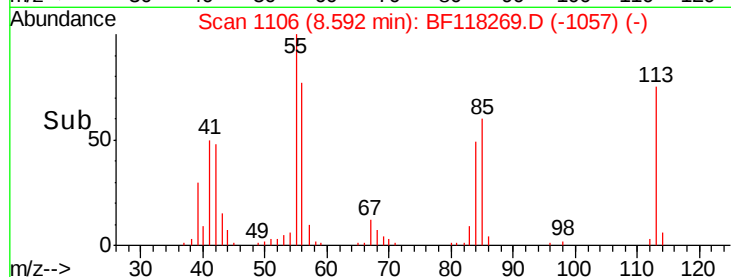
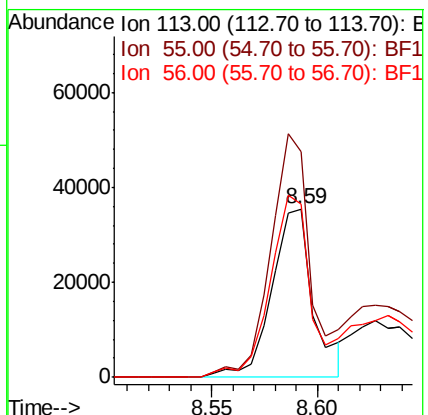
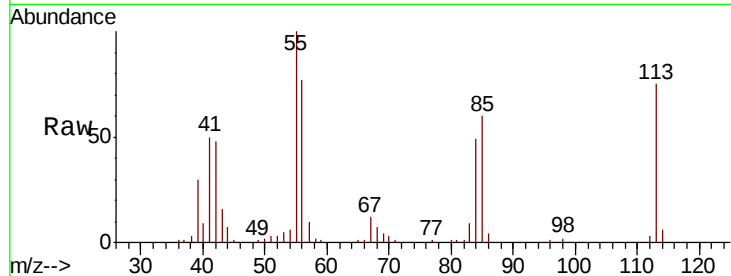




#35
Caprolactam
Concen: 27.582 ng
RT: 8.59 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

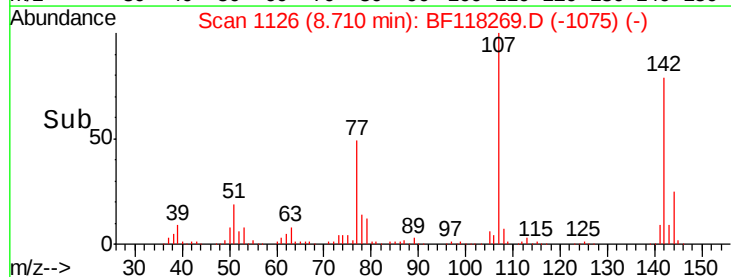
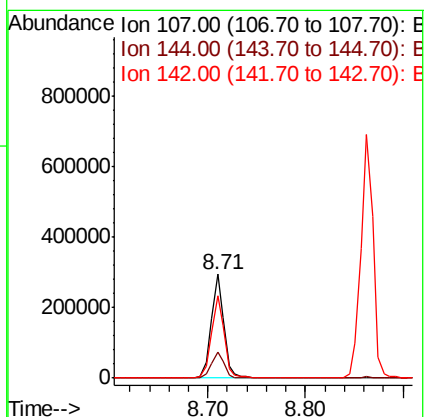
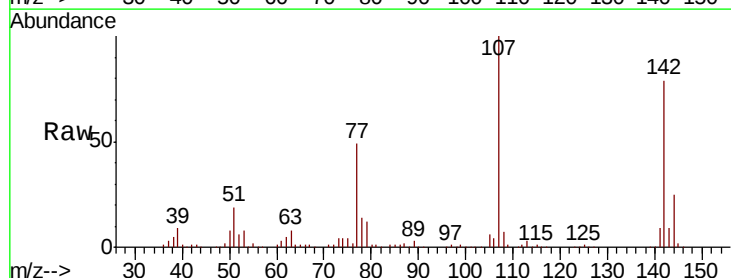
Instrument :
BNA_F
ClientSampleId :

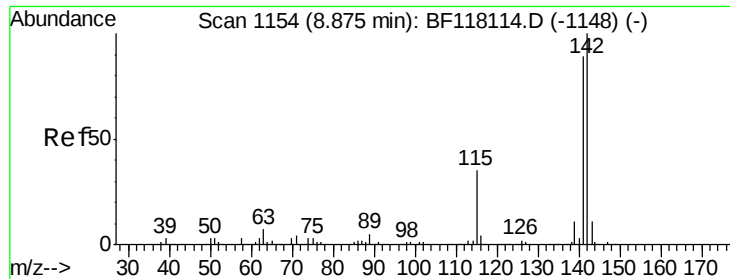
Tot Ion:113 Resp: 48258
Ion Ratio Lower Upper
113 100
55 134.0 118.9 158.9
56 102.5 91.4 131.4



#36
4-Chloro-3-methylphenol
Concen: 44.558 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion:107 Resp: 266033
Ion Ratio Lower Upper
107 100
144 25.2 20.3 30.5
142 79.3 63.7 95.5

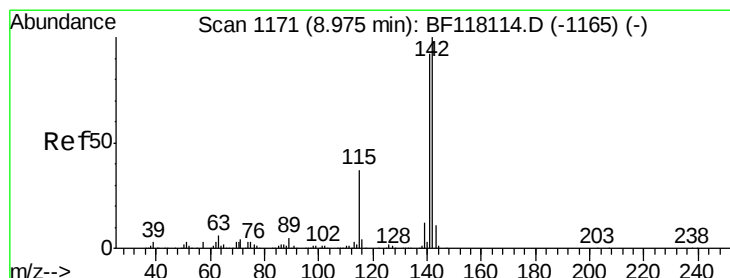
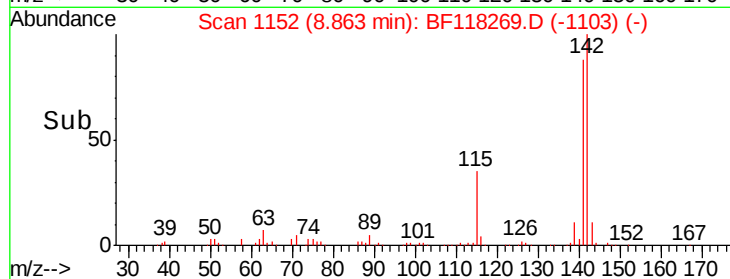
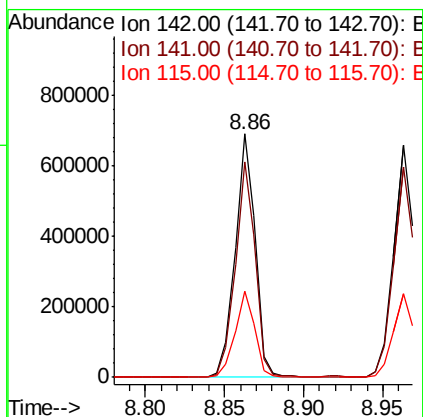
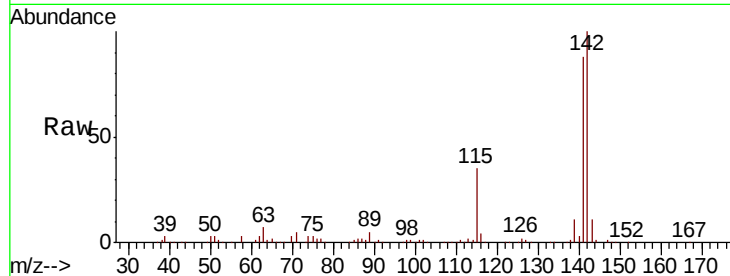




#37
2-Methylnaphthalene
Concen: 45.631 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

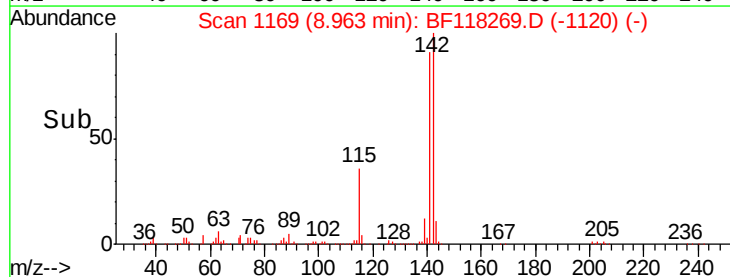
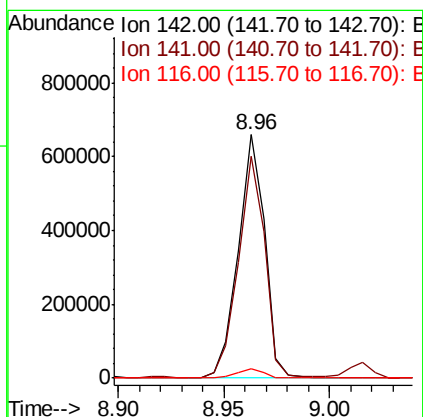
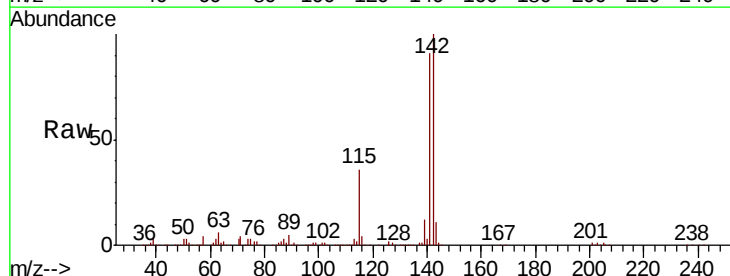
Instrument :
BNA_F
ClientSampleId :

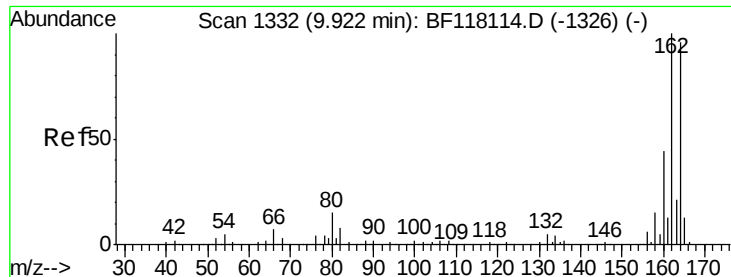
Tot Ion:142 Resp: 606418
Ion Ratio Lower Upper
142 100
141 88.2 71.4 107.0
115 35.3 28.2 42.4



#38
1-Methylnaphthalene
Concen: 45.488 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion:142 Resp: 567620
Ion Ratio Lower Upper
142 100
141 90.9 74.0 111.0
116 3.9 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

Instrument :

BNA_F

ClientSampleId :

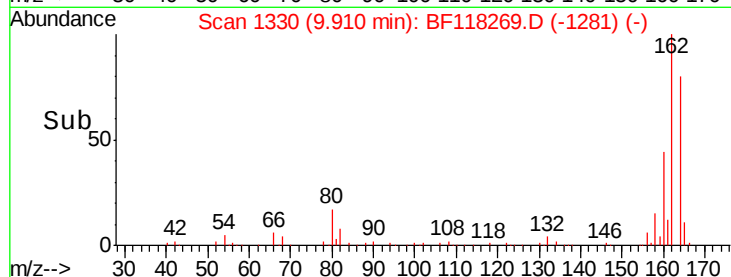
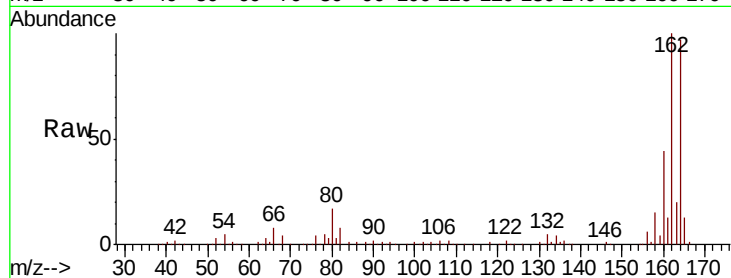
Tot Ion:164 Resp: 205801

Ion Ratio Lower Upper

164 100

162 102.6 83.4 125.0

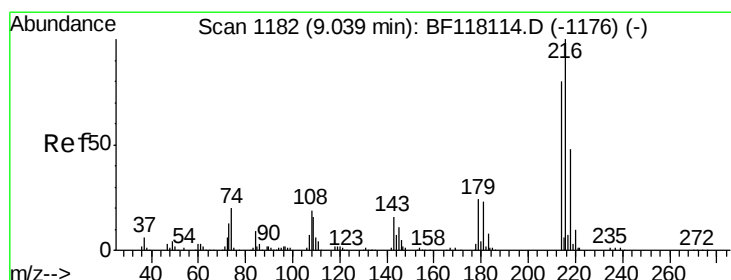
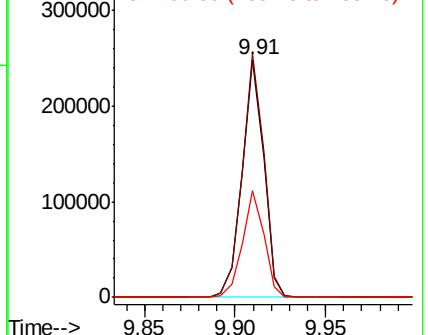
160 45.0 36.6 54.8



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: 42.161 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

Tgt Ion:216 Resp: 262851

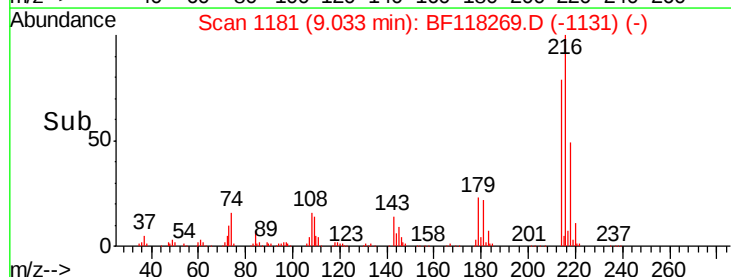
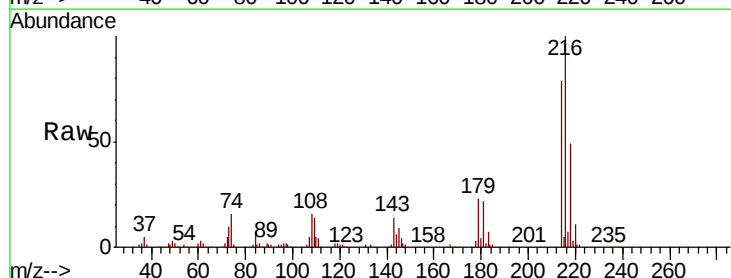
Ion Ratio Lower Upper

216 100

214 78.9 63.4 95.2

179 23.6 18.6 27.8

108 20.7 15.4 23.0

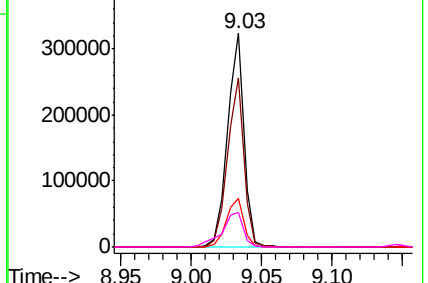


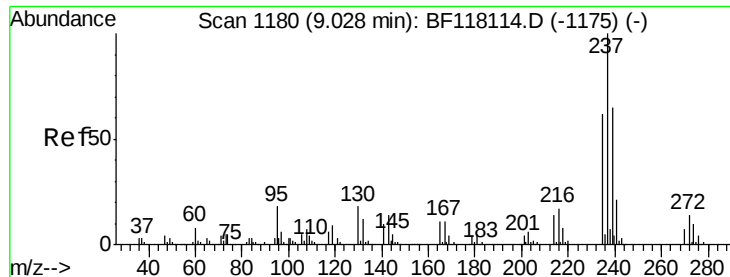
Abundance Ion 216.00 (215.70 to 216.70): E

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

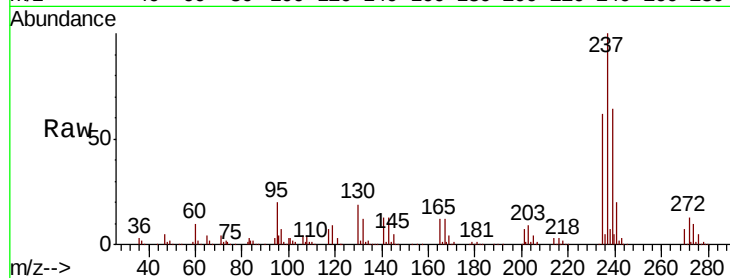




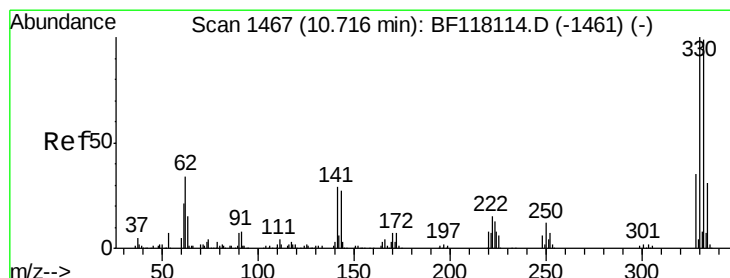
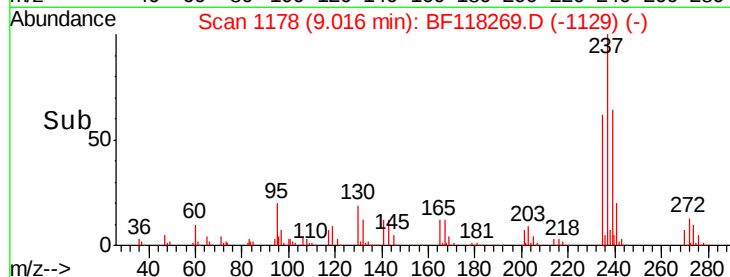
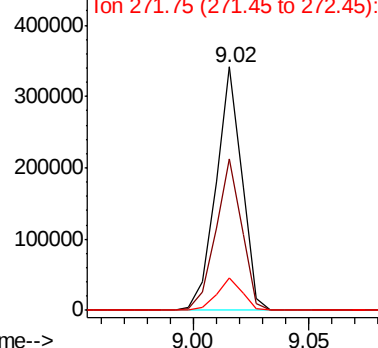
#41
Hexachlorocyclopentadiene
Concen: 95.599 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.1	41.5	81.5
272	13.4	0.0	33.7

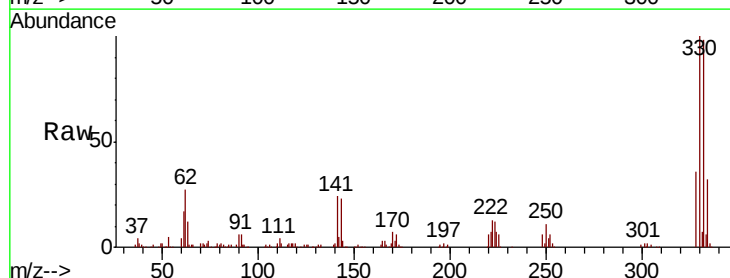


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

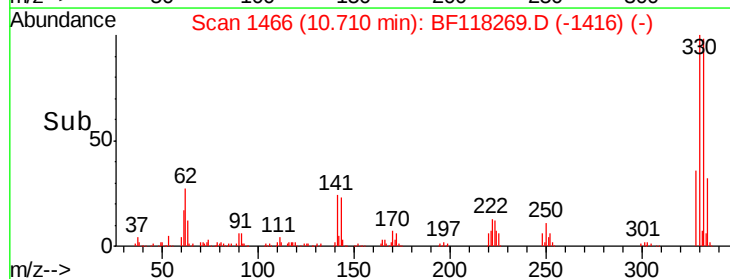
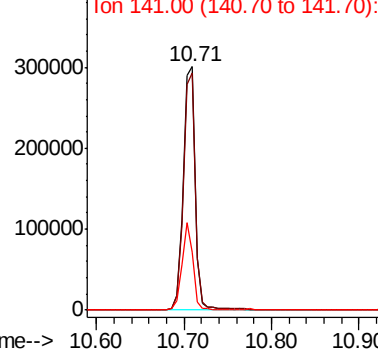


#42
2,4,6-Tribromophenol
Concen: 115.712 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.1	117.1
141	32.5	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

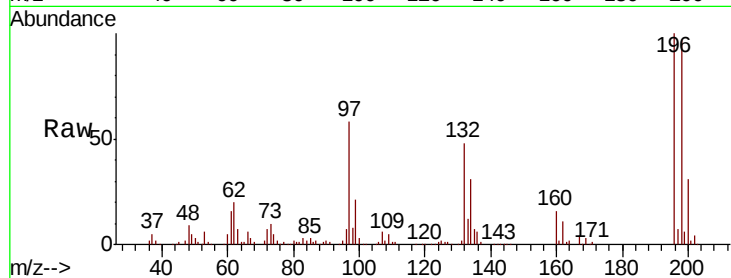




#43
 2,4,6-Trichlorophenol
 Concen: 42.844 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF118269.D
 Acq: 18 Dec 2019 20:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	178345
Ion Ratio	Lower	Upper	
196	100		
198	96.9	75.0	112.4
200	31.4	24.5	36.7

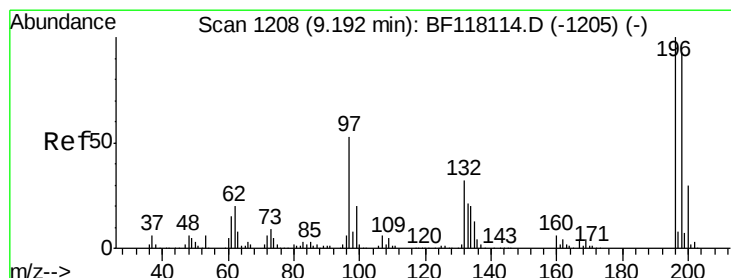
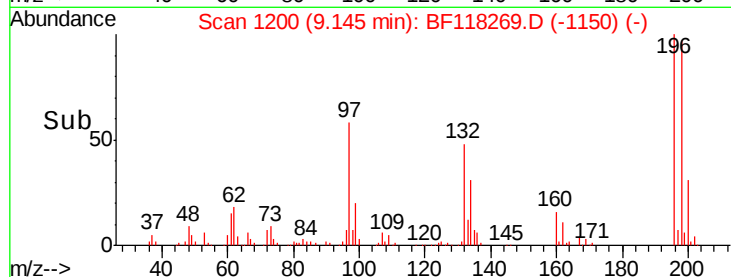
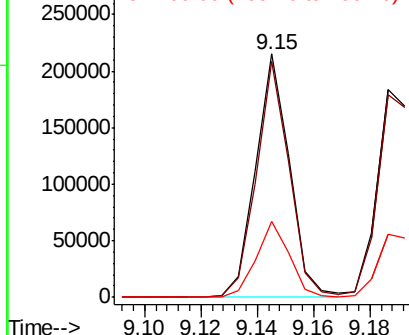


Abundance

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: 43.228 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF118269.D
 Acq: 18 Dec 2019 20:02

Tgt Ion	196	Resp	186427
Ion Ratio	Lower	Upper	
196	100		
198	97.3	74.2	111.4
97	55.6	42.5	63.7
132	31.5	25.4	38.2

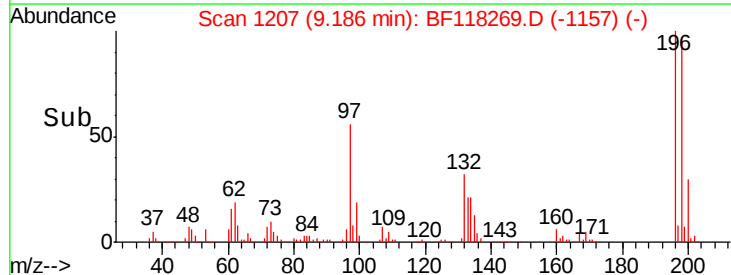
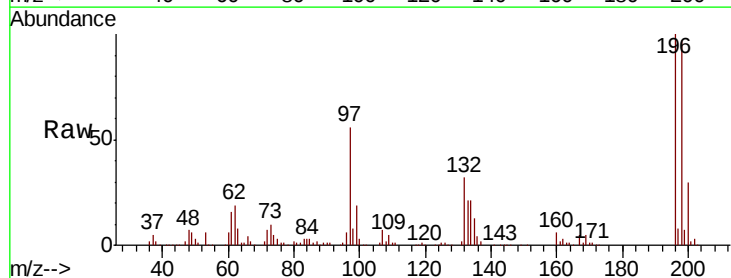
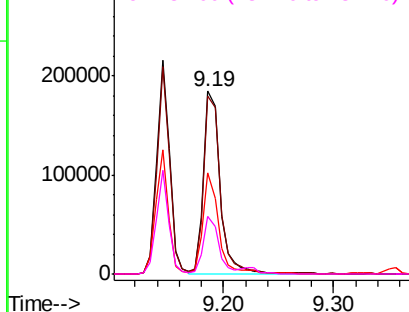
Abundance

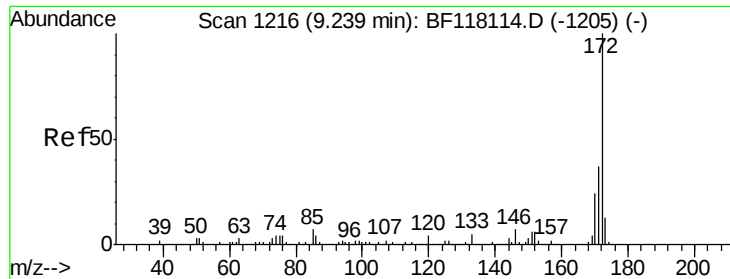
Ion 196.00 (195.70 to 196.70): E

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



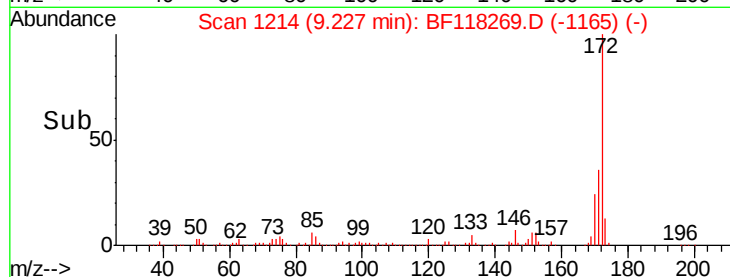
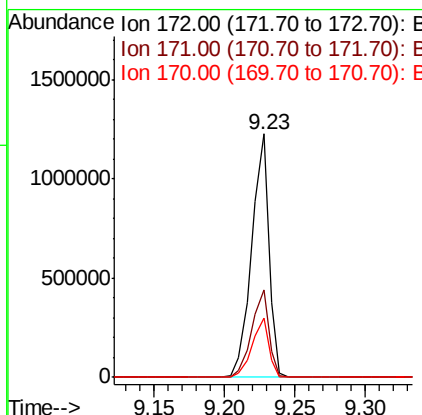
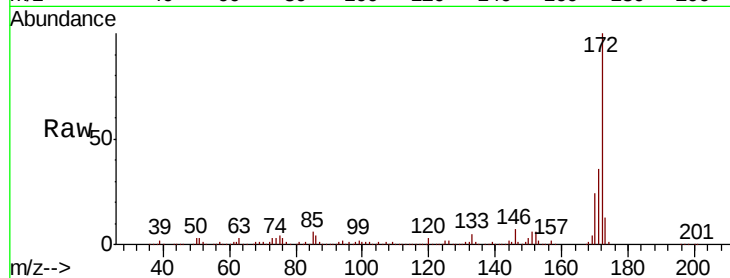


#45
 2-Fluorobiphenyl
 Concen: 78.388 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF118269.D
 Acq: 18 Dec 2019 20:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1060190

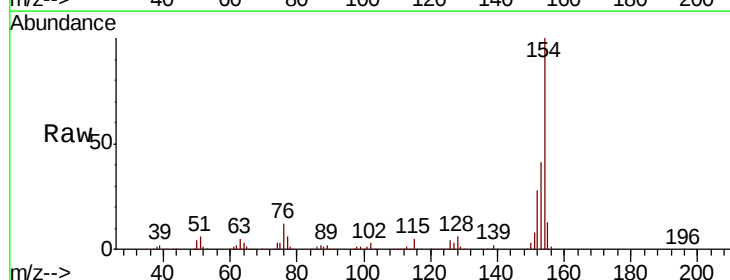
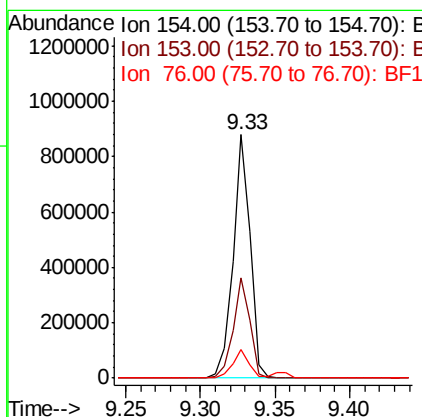
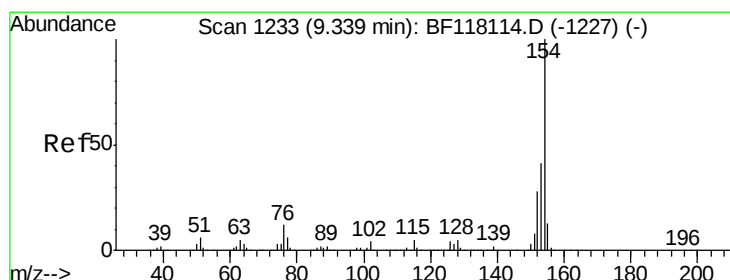
Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.2	43.8
170	24.1	19.4	29.2



#46
 1,1'-Biphenyl
 Concen: 43.894 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF118269.D
 Acq: 18 Dec 2019 20:02

Tgt Ion:154 Resp: 712457

Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.7	60.7
76	11.8	0.0	31.9

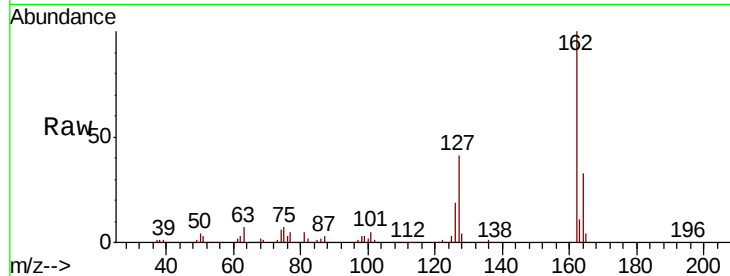




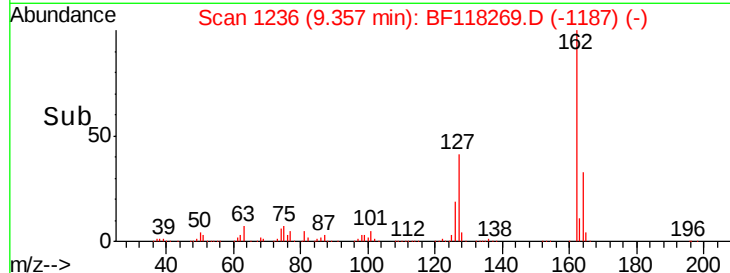
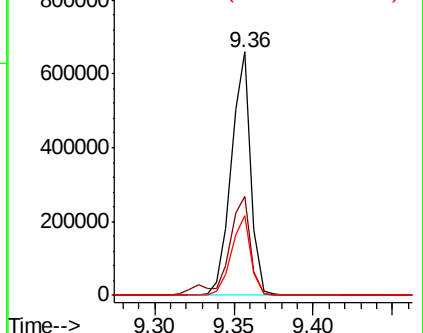
#47
 2-Chloronaphthalene
 Concen: 42.696 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: BF118269.D
 Acq: 18 Dec 2019 20:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.8	32.0	48.0
164	33.0	26.1	39.1

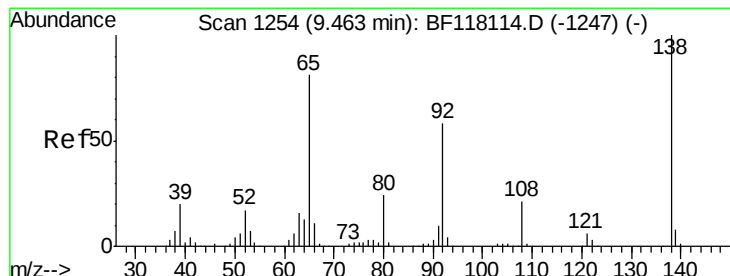


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

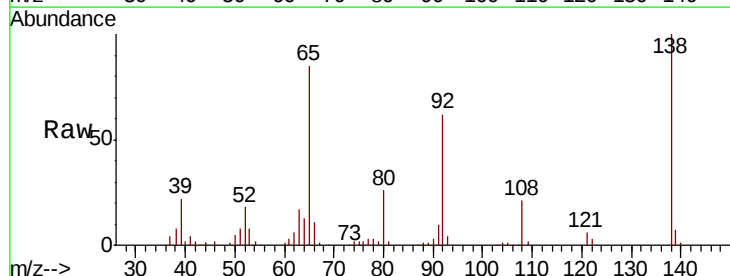
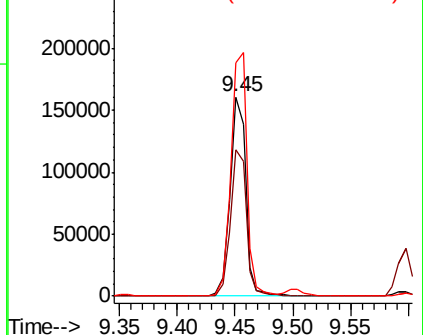


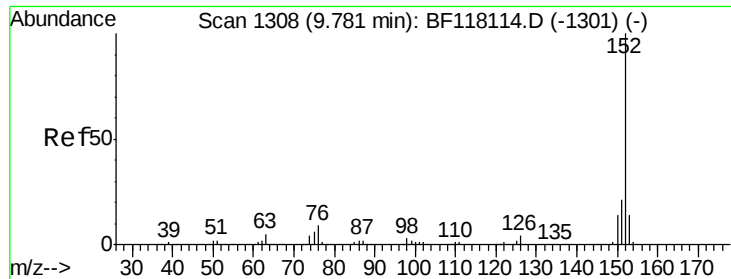
#48
 2-Nitroaniline
 Concen: 40.716 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.01 min
 Lab File: BF118269.D
 Acq: 18 Dec 2019 20:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.2	57.8	86.6
138	117.3	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: 46.101 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

Instrument :

BNA_F

ClientSampled :

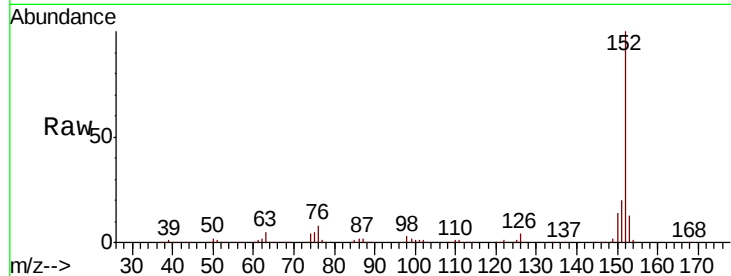
Tot Ion:152 Resp: 887798

Ion Ratio Lower Upper

152 100

151 20.1 16.4 24.6

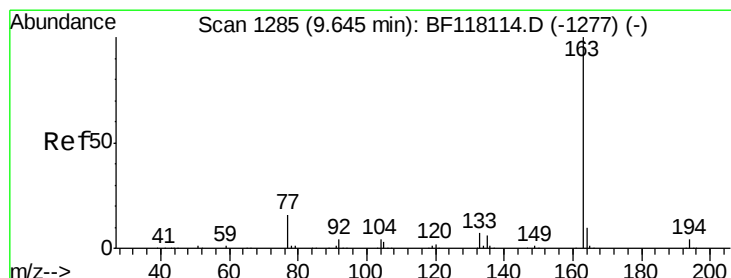
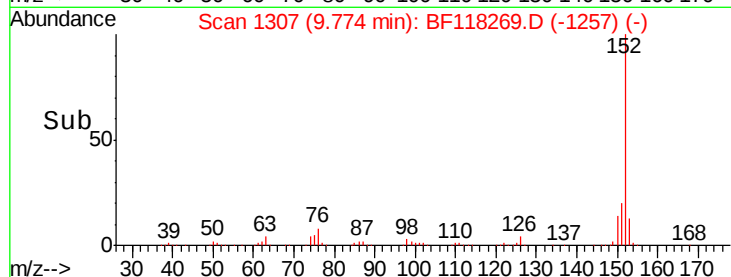
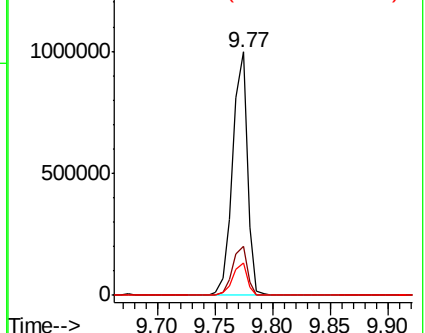
153 13.3 10.8 16.2



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: 48.788 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

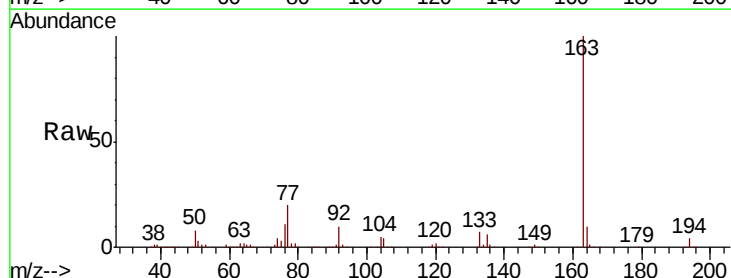
Tgt Ion:163 Resp: 741642

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

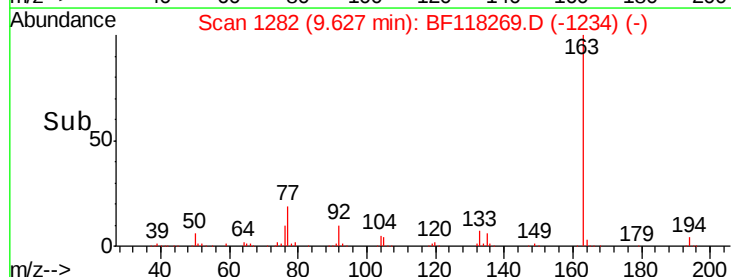
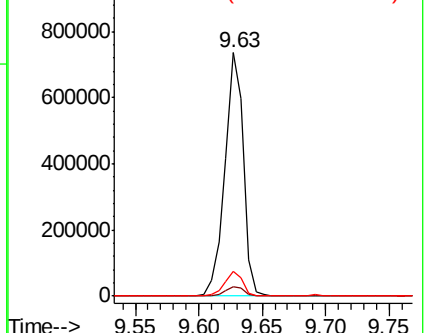
164 10.4 7.7 11.5

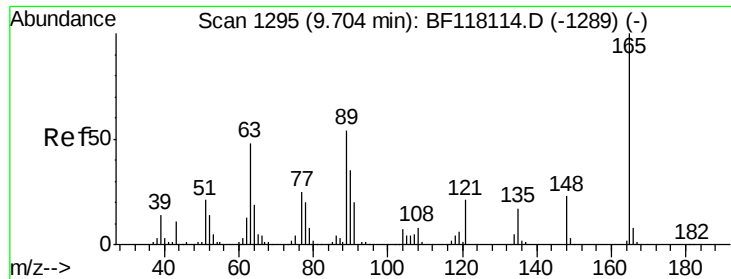


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

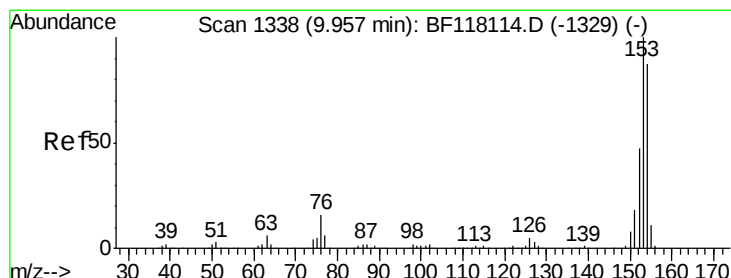
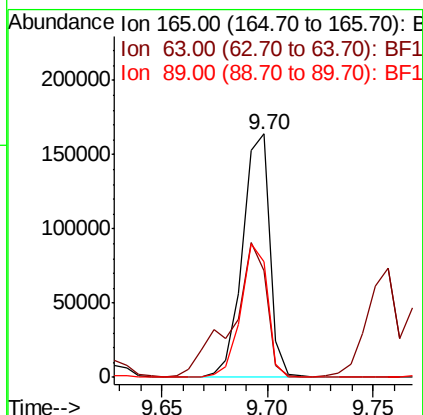
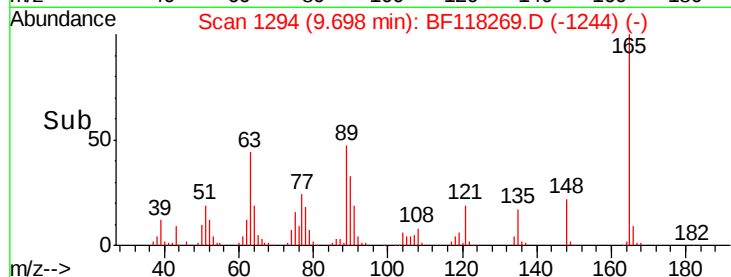
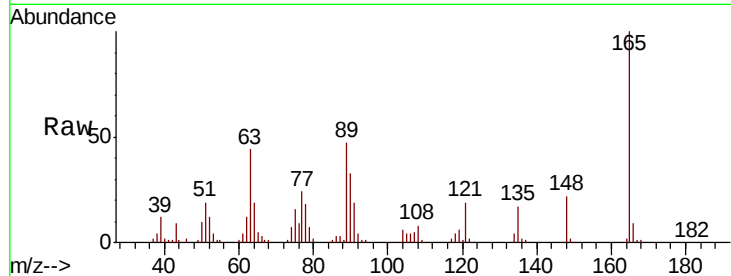




#51
2,6-Dinitrotoluene
Concen: 44.318 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

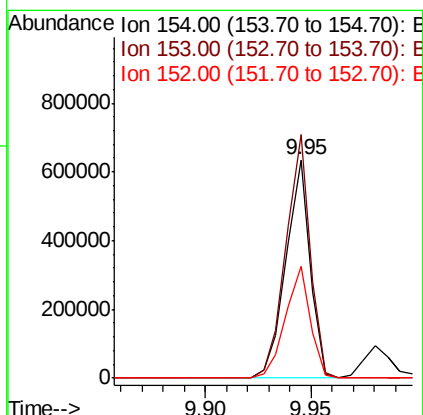
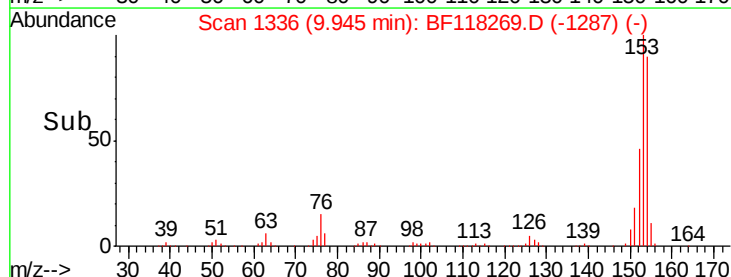
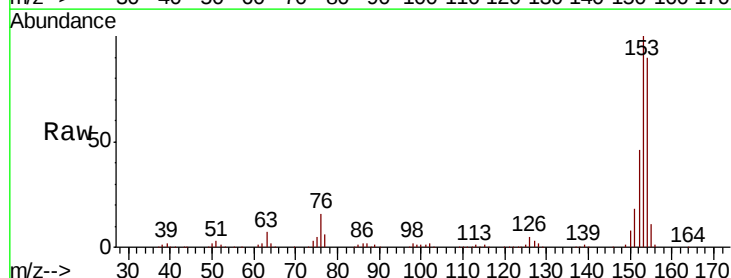
Instrument :
BNA_F
ClientSampled :

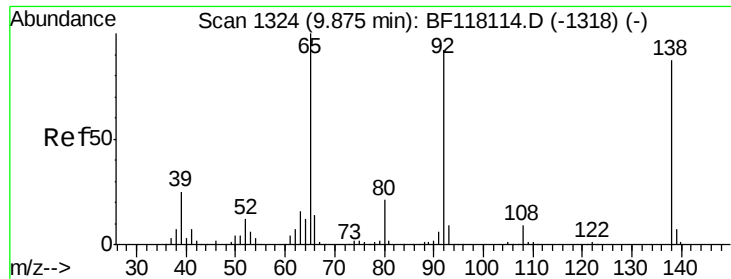
Tot Ion	Ratio	Lower	Upper
165	100		
63	44.0	41.4	62.0
89	47.4	42.9	64.3



#52
Acenaphthene
Concen: 43.456 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.5	91.8	137.6
152	51.3	43.3	64.9

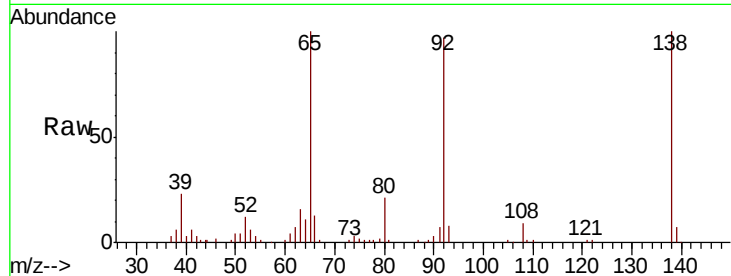




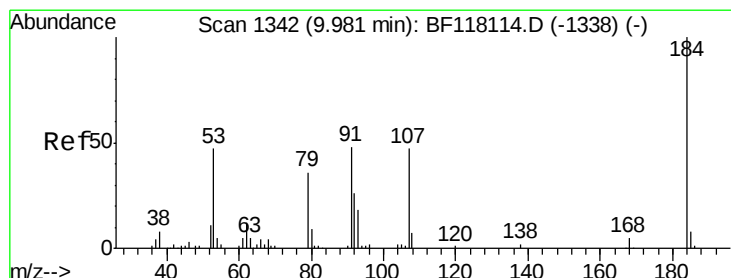
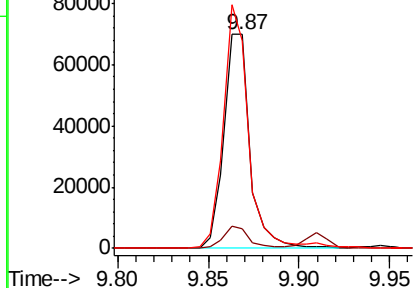
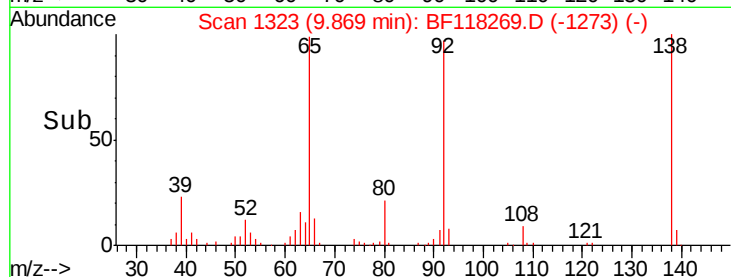
#53
3-Nitroaniline
Concen: 18.129 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 70523
Ion Ratio Lower Upper
138 100
108 9.2 8.2 12.4
92 97.0 84.9 127.3

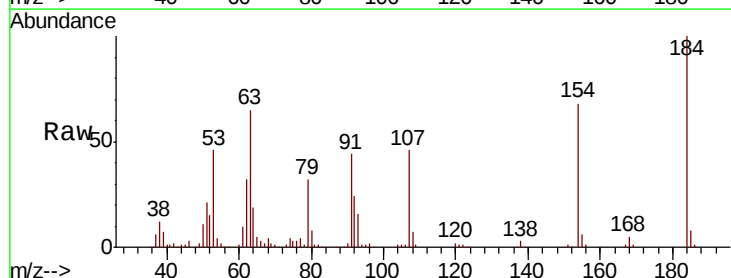


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

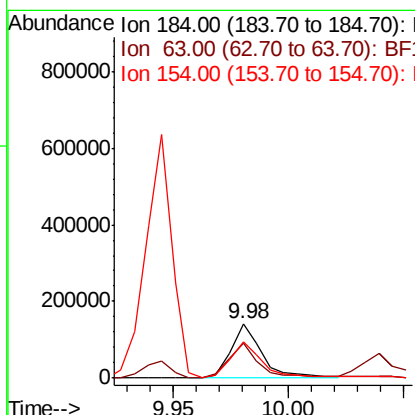
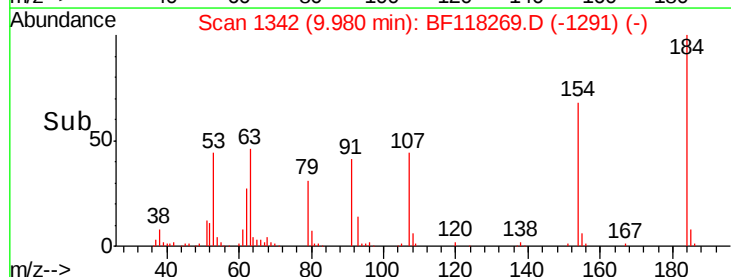


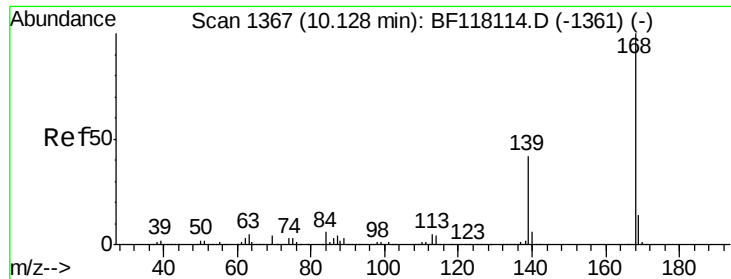
#54
2,4-Dinitrophenol
Concen: 80.983 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion:184 Resp: 133176
Ion Ratio Lower Upper
184 100
63 64.6 53.9 80.9
154 67.7 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

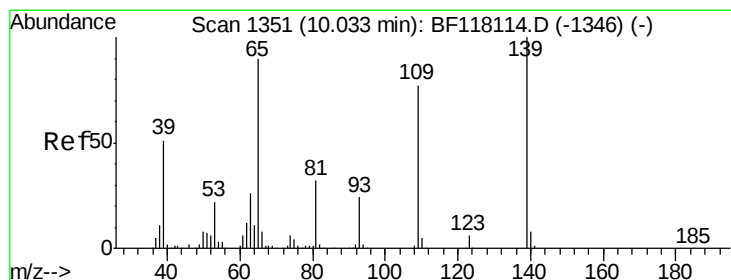
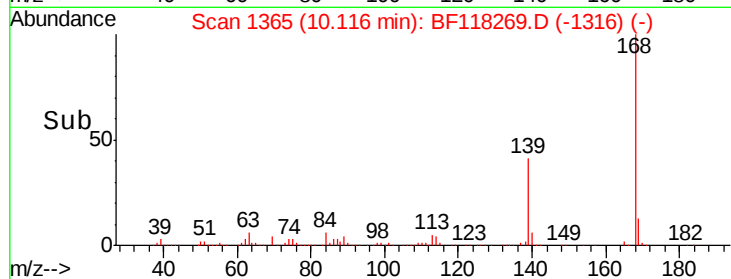
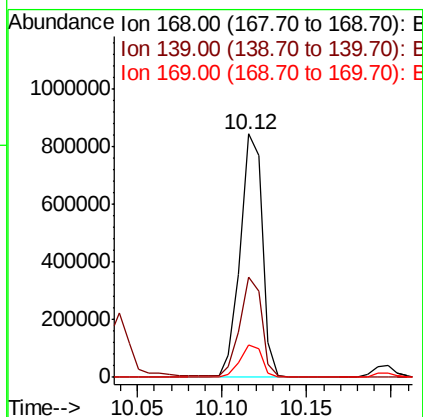
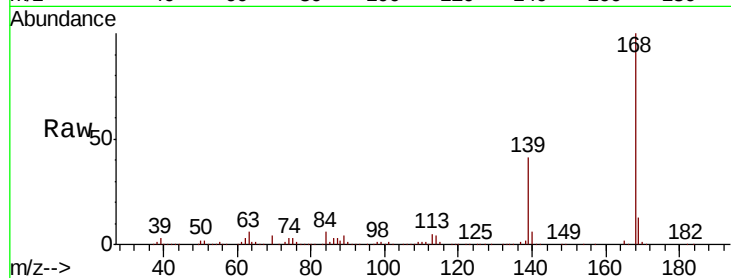




#55
Dibenzenofuran
Concen: 44.926 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

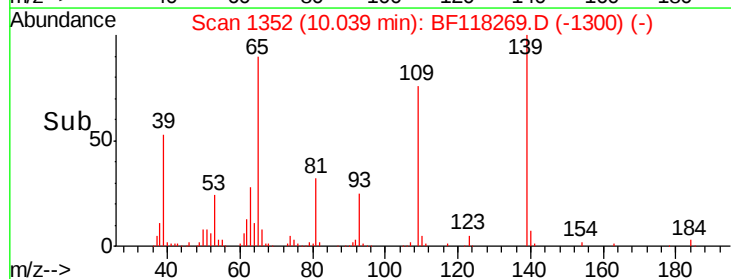
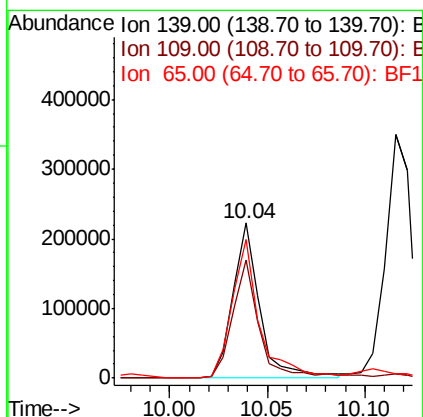
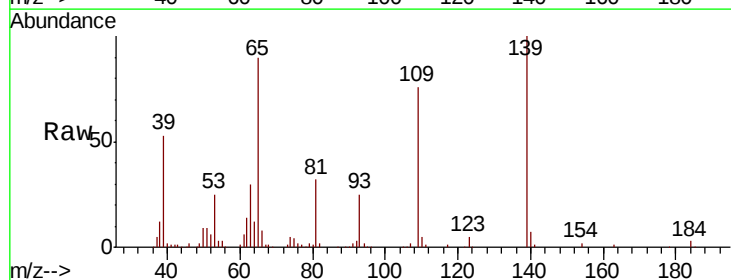
Instrument :
BNA_F
ClientSampleId :

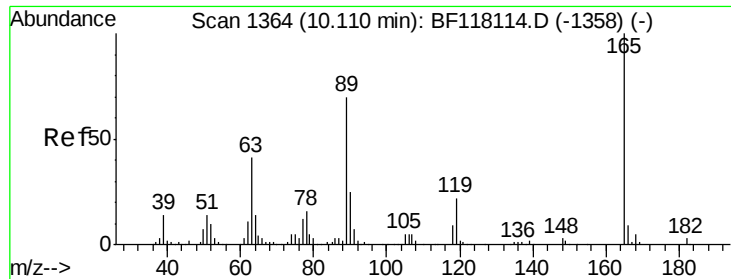
Tot Ion:168 Resp: 773766
Ion Ratio Lower Upper
168 100
139 41.4 33.4 50.0
169 13.5 11.0 16.6



#56
4-Nitrophenol
Concen: 78.649 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion:139 Resp: 212322
Ion Ratio Lower Upper
139 100
109 76.1 57.3 97.3
65 89.8 70.2 110.2

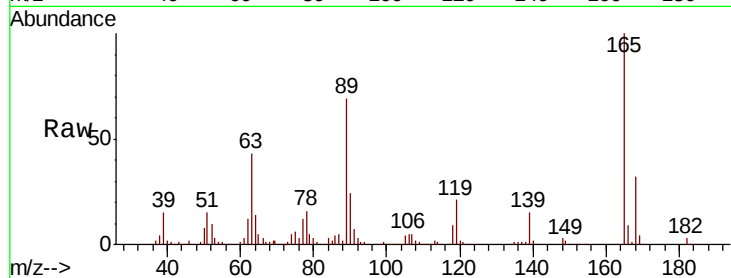




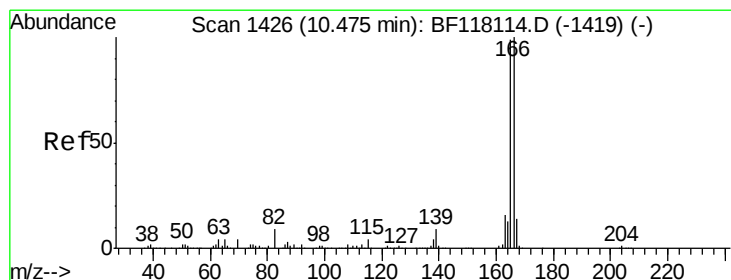
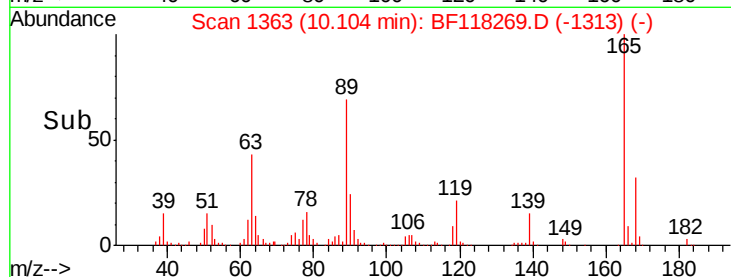
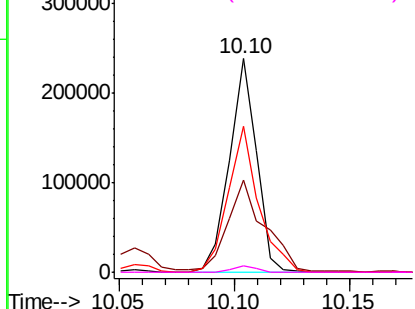
#57
2,4-Dinitrotoluene
Concen: 44.334 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	195595
Ion Ratio	Lower	Upper
165	100	
63	43.1	32.6 49.0
89	68.6	56.1 84.1
182	3.1	2.1 3.1

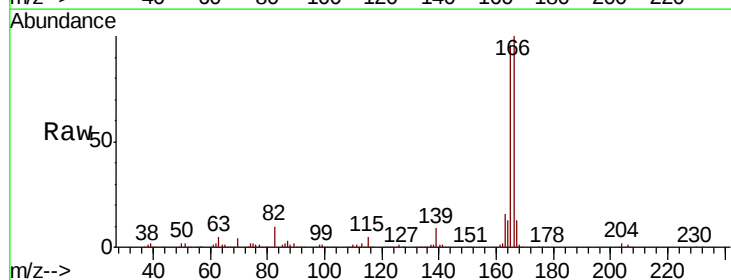


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

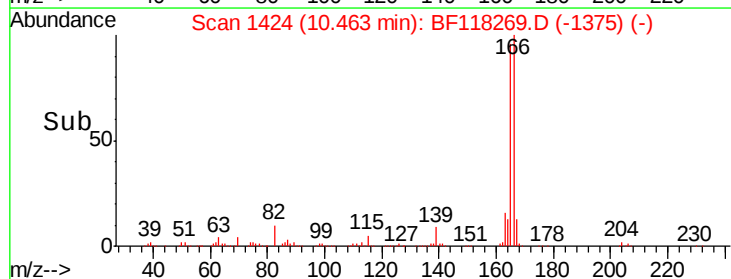
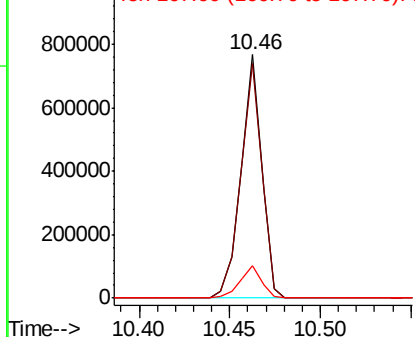


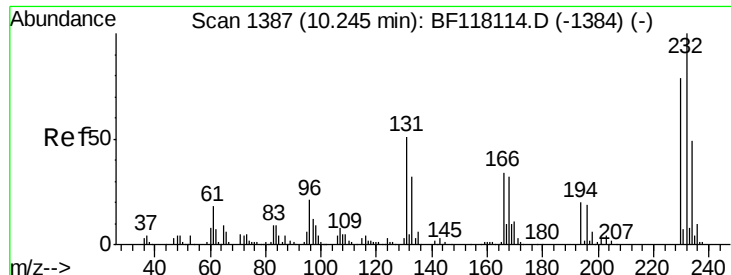
#58
Fluorene
Concen: 44.545 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion:166	Resp:	609700
Ion Ratio	Lower	Upper
166	100	
165	96.2	79.0 118.4
167	13.2	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

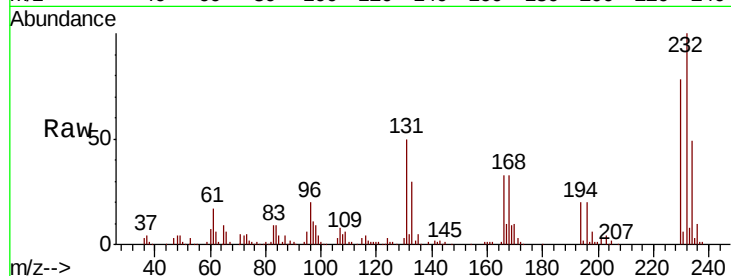




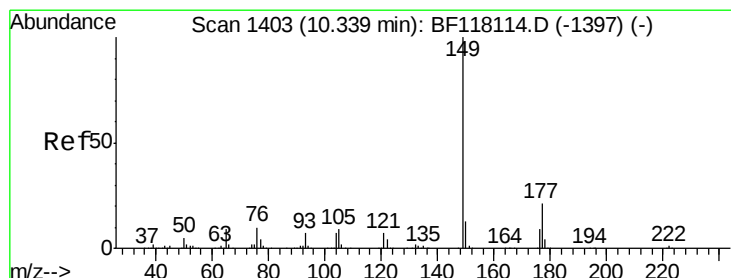
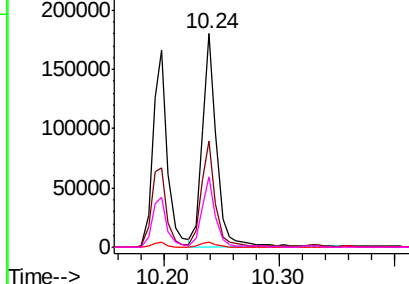
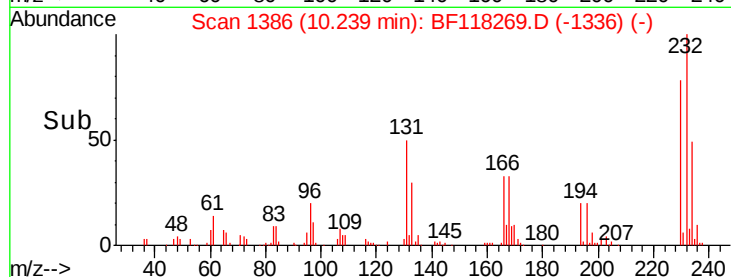
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.236 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BF118269.D
 Acq: 18 Dec 2019 20:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232	Resp:	157391
Ion	Ratio	Lower Upper
232	100	
131	48.0	38.8 58.2
130	2.5	1.9 2.9
166	31.2	25.4 38.0

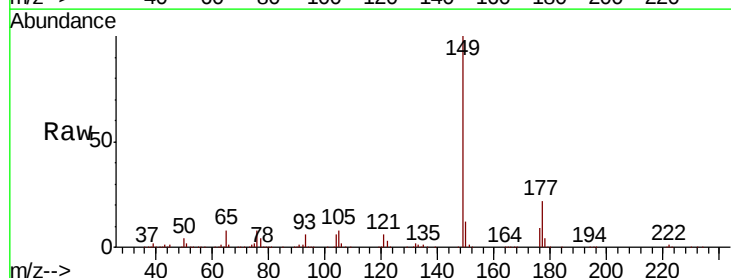


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

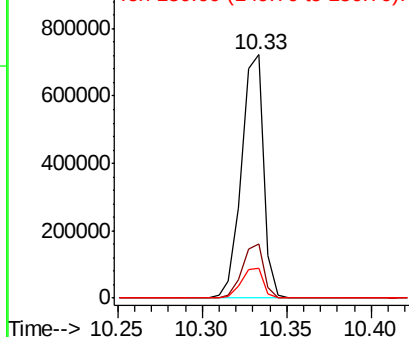
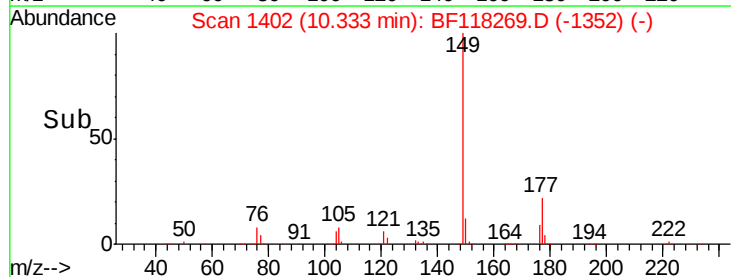


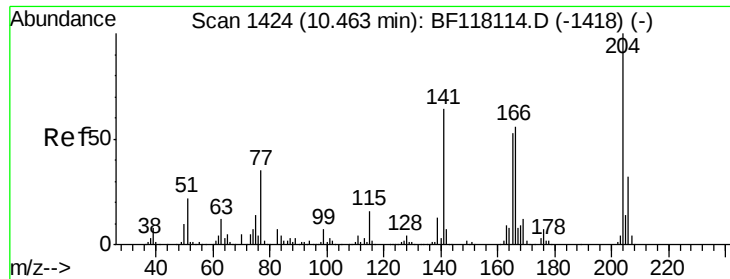
#60
 Diethylphthalate
 Concen: 44.102 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF118269.D
 Acq: 18 Dec 2019 20:02

Tgt Ion:149	Resp:	660528
Ion	Ratio	Lower Upper
149	100	
177	22.1	17.0 25.4
150	12.5	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

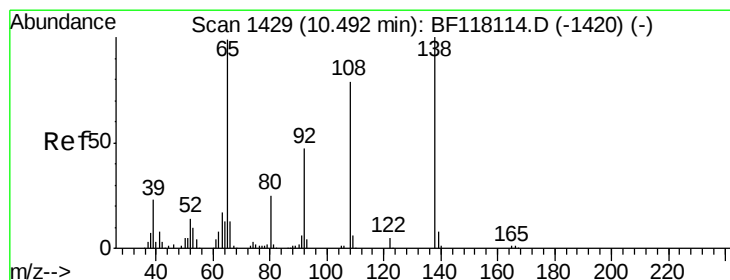
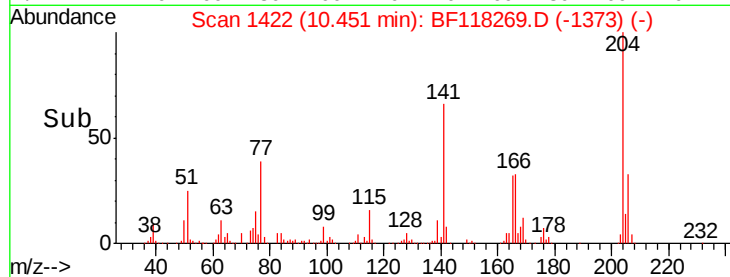
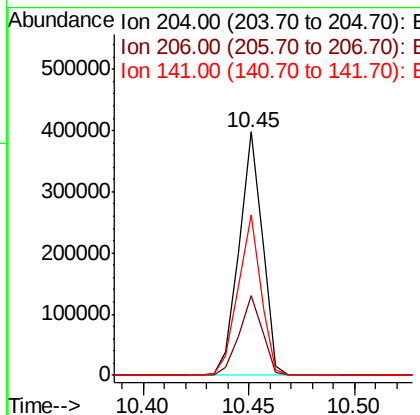
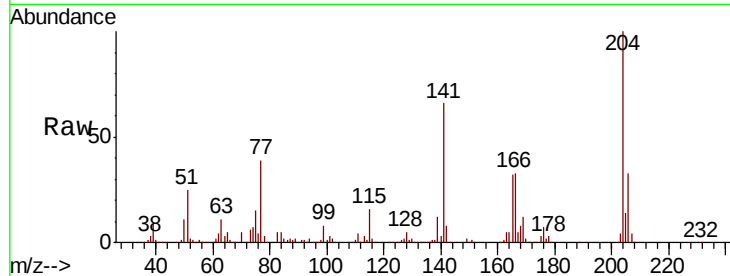




#61
4-Chlorophenyl-phenylether
Concen: 43.978 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

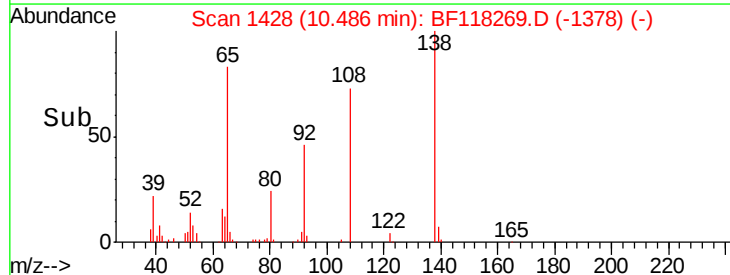
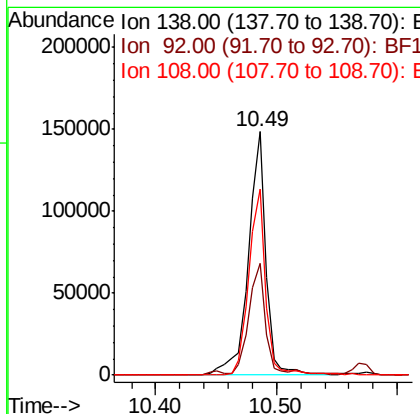
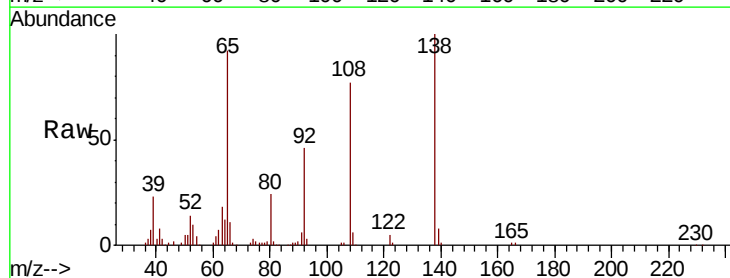
Instrument :
BNA_F
ClientSampleId :

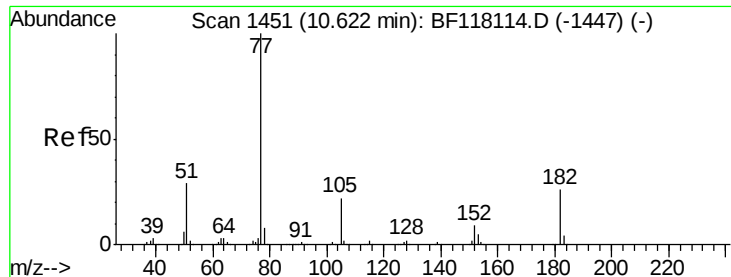
Tot Ion:204 Resp: 302866
Ion Ratio Lower Upper
204 100
206 32.8 26.0 39.0
141 65.9 51.0 76.6



#62
4-Nitroaniline
Concen: 37.570 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion:138 Resp: 152427
Ion Ratio Lower Upper
138 100
92 45.8 27.1 67.1
108 76.6 59.0 99.0

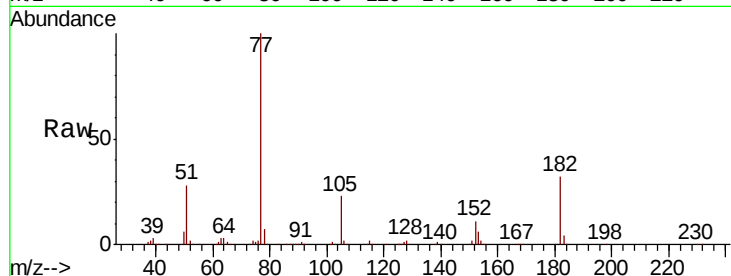




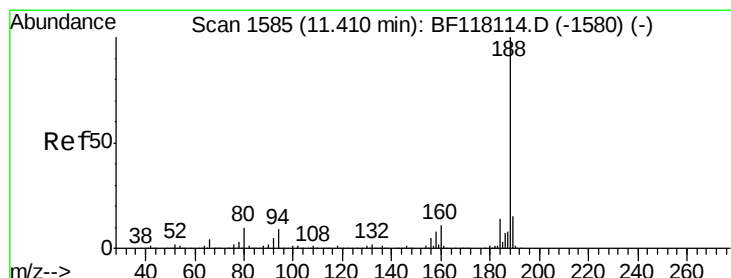
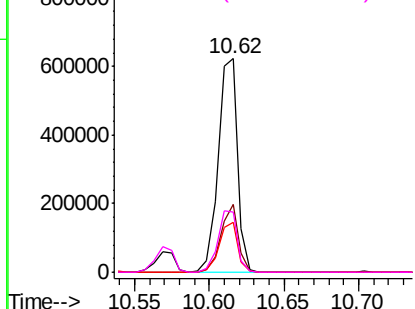
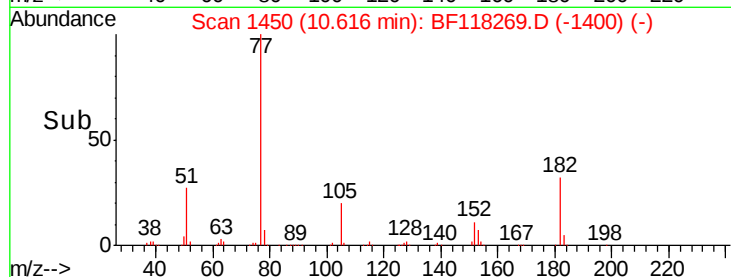
#63
Azobenzene
Concen: 44.282 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	566171
Ion	Ratio	Lower	Upper
77	100		
182	31.5	5.7	45.7
105	23.3	2.2	42.2
51	28.0	9.6	49.6

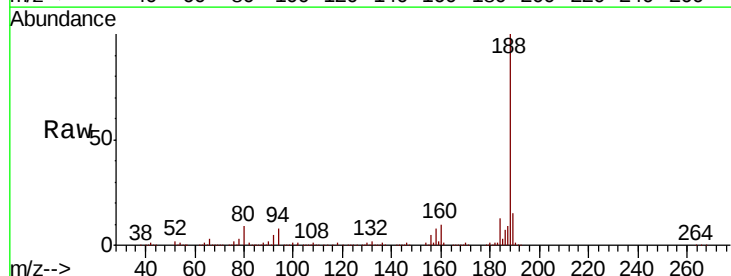


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

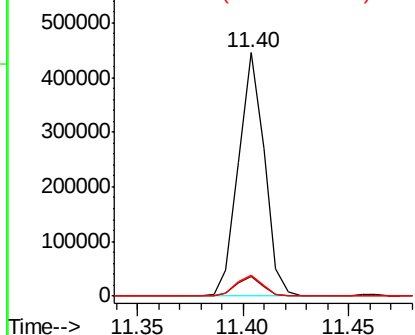
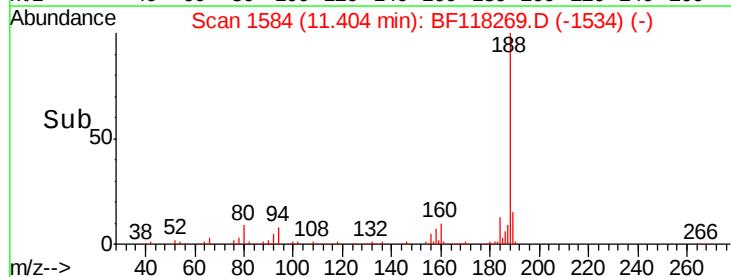


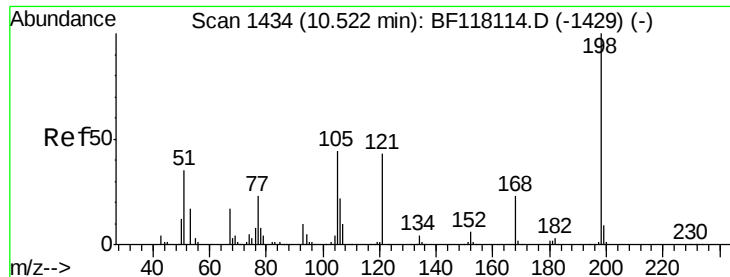
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion:	188	Resp:	378593
Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.1	10.7
80	8.8	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

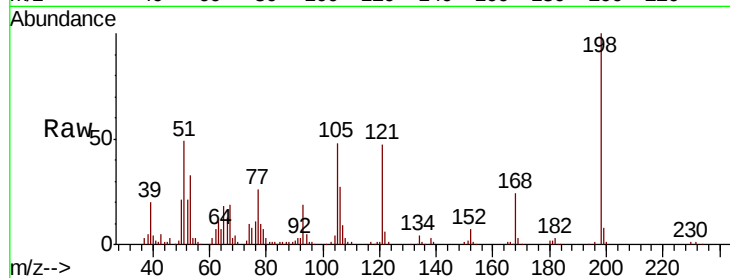




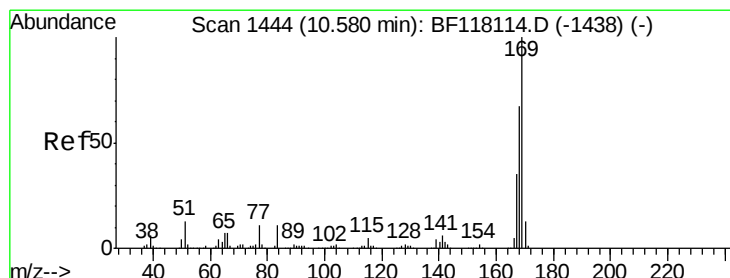
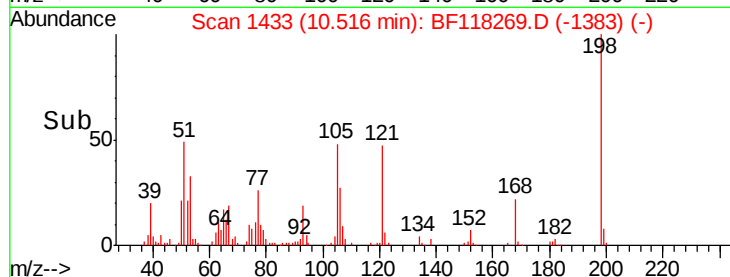
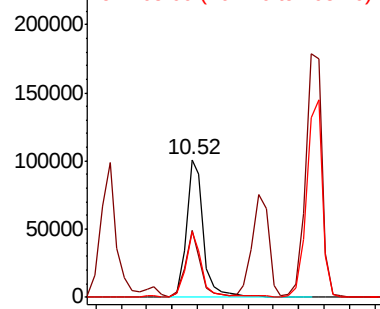
#65
4,6-Dinitro-2-methylphenol
Concen: 46.125 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 96438
Ion Ratio Lower Upper
198 100
51 48.8 22.0 62.0
105 47.7 25.6 65.6

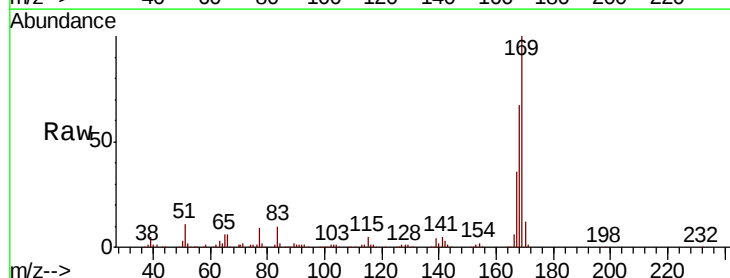


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

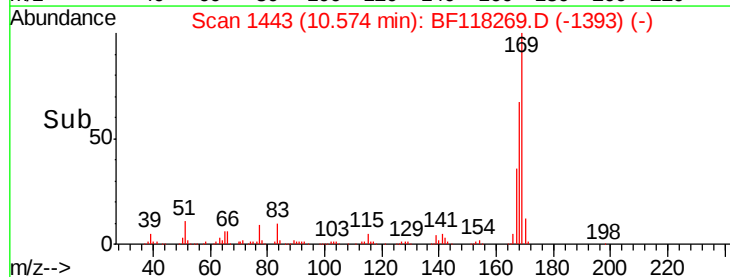
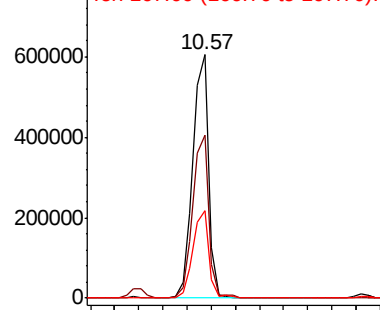


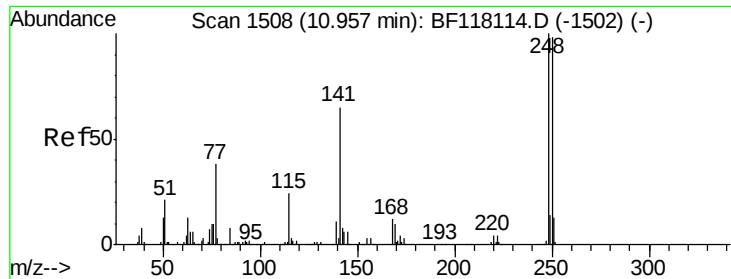
#66
n-Nitrosodiphenylamine
Concen: 45.782 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion:169 Resp: 541276
Ion Ratio Lower Upper
169 100
168 66.9 53.4 80.2
167 36.1 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

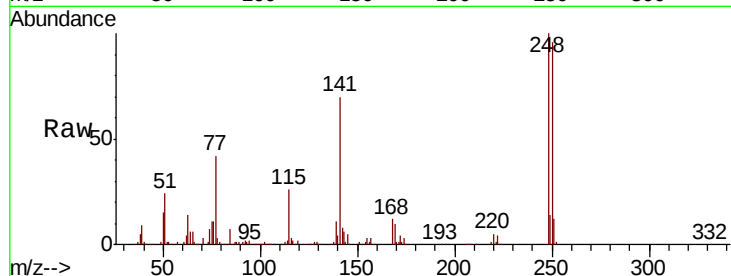




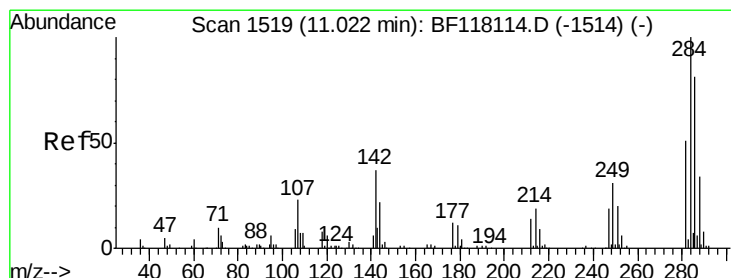
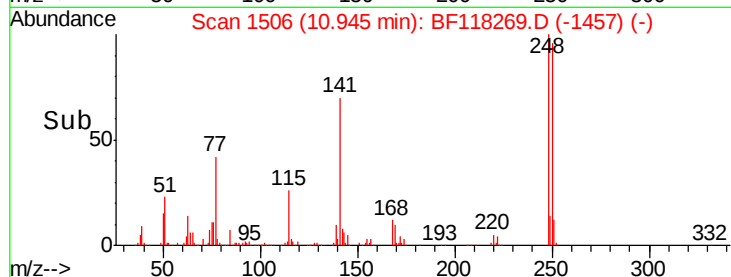
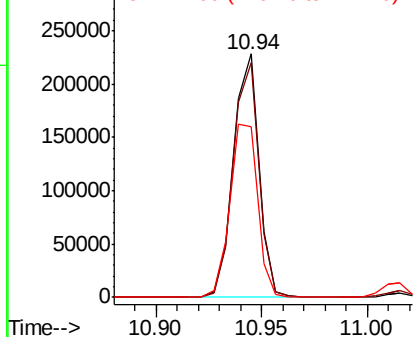
#67
4-Bromophenyl-phenylether
Concen: 43.775 ng
RT: 10.94 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 189182
Ion Ratio Lower Upper
248 100
250 96.4 78.3 117.5
141 70.0 52.2 78.4

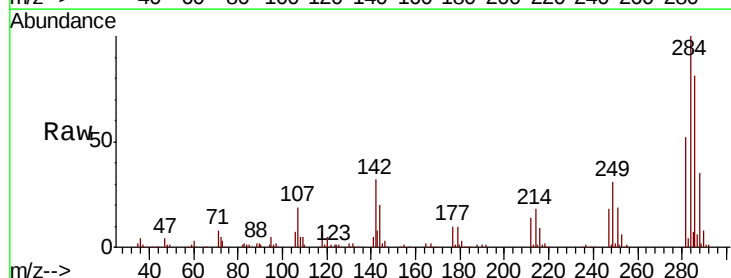


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

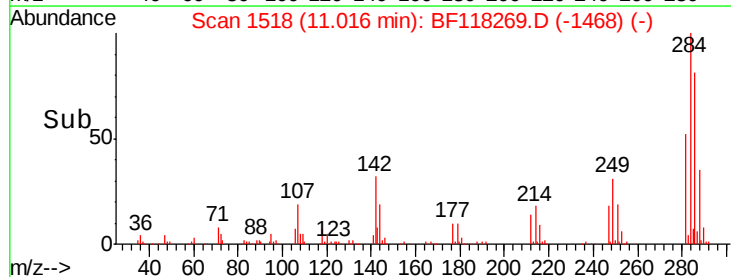
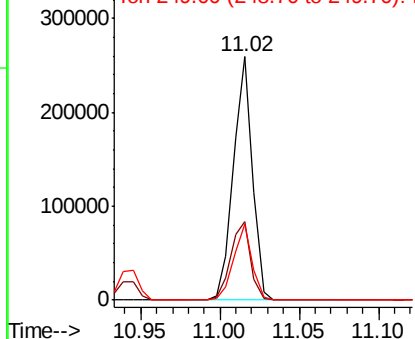


#68
Hexachlorobenzene
Concen: 42.600 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion:284 Resp: 216696
Ion Ratio Lower Upper
284 100
142 32.0 29.7 44.5
249 30.9 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

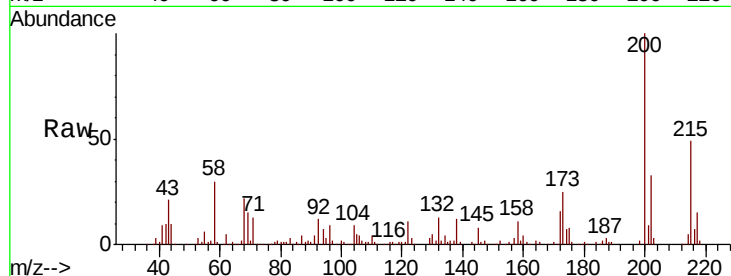




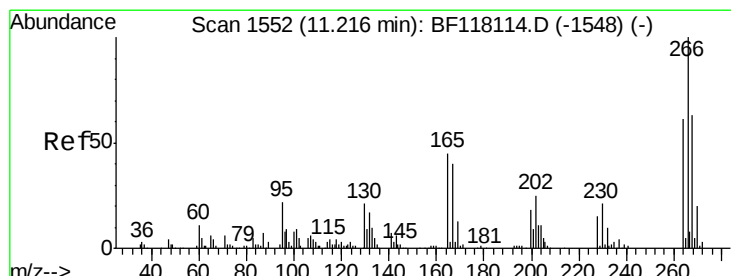
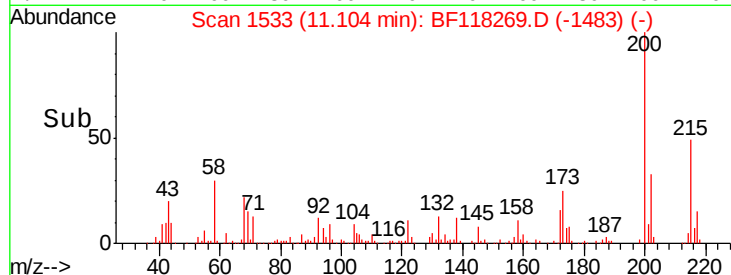
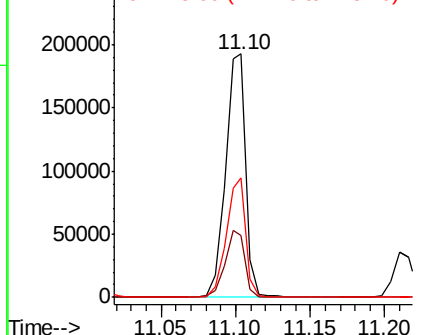
#69
Atrazine
Concen: Below Cal
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.3	8.1	48.1
215	49.3	29.0	69.0

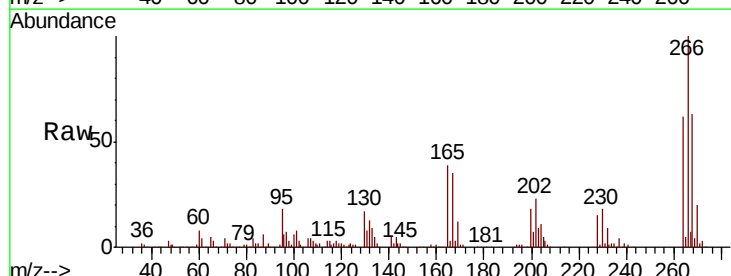


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

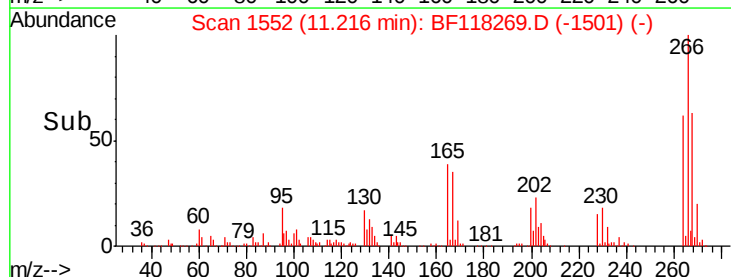
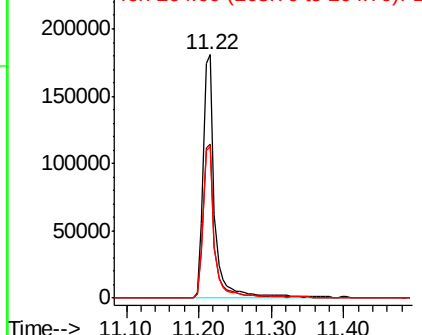


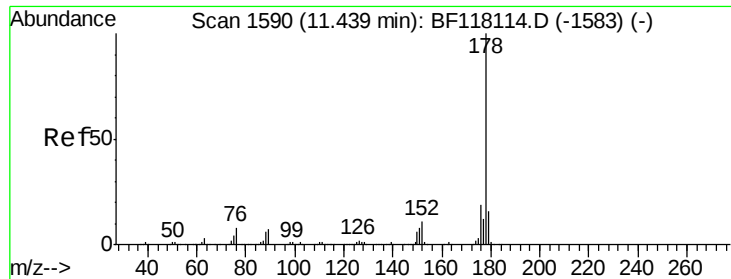
#70
Pentachlorophenol
Concen: 86.047 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.0	50.7	76.1
264	62.0	48.7	73.1



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

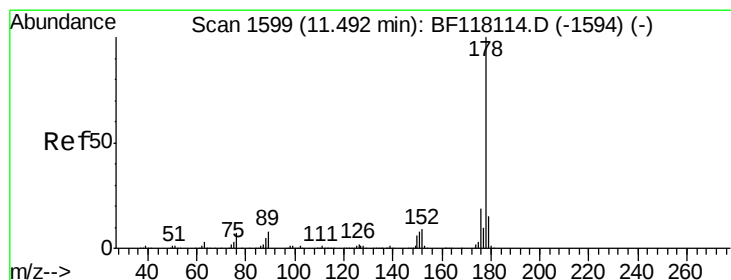
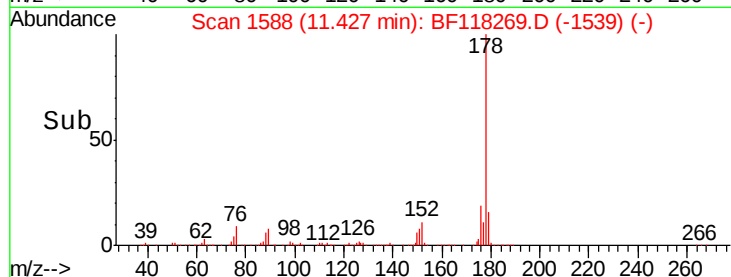
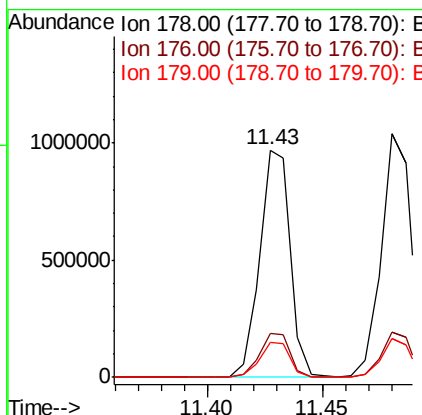
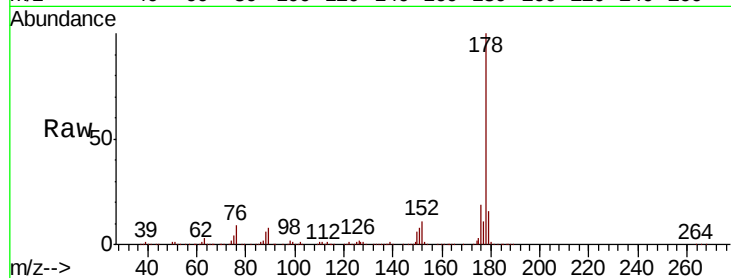




#71
 Phenanthrene
 Concen: 44.550 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF118269.D
 Acq: 18 Dec 2019 20:02

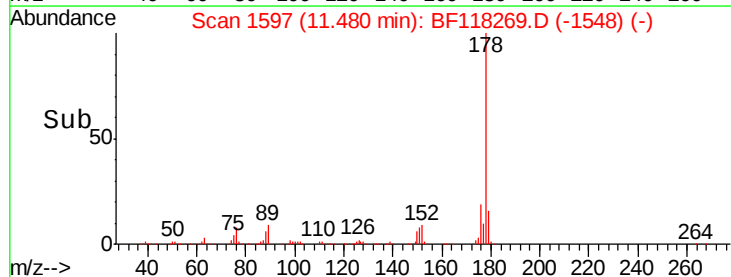
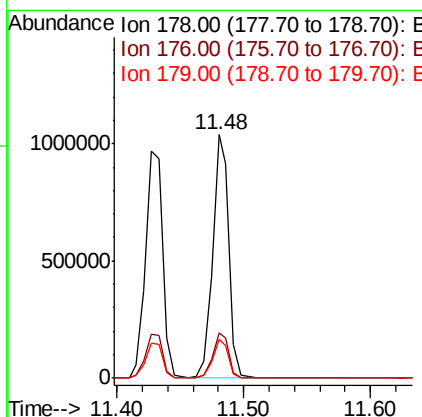
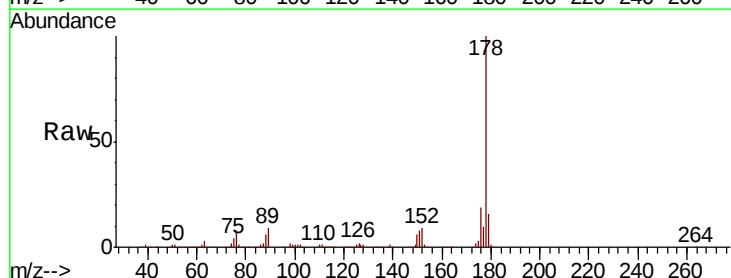
Instrument :
 BNA_F
 ClientSampleId :

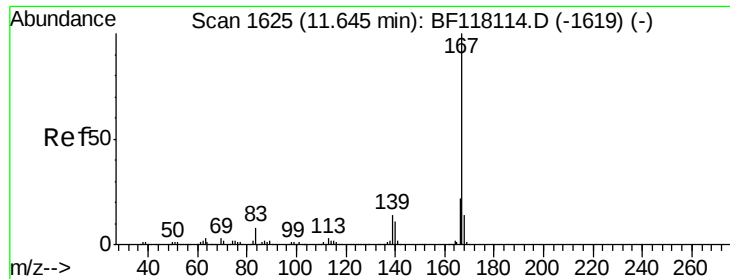
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.6	12.6	18.8



#72
 Anthracene
 Concen: 46.339 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF118269.D
 Acq: 18 Dec 2019 20:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	16.0	12.2	18.4

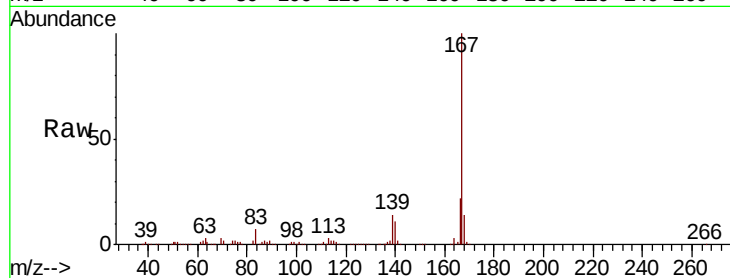




#73
 Carbazole
 Concen: 44.083 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BF118269.D
 Acq: 18 Dec 2019 20:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.4	26.2
139	14.3	11.4	17.0

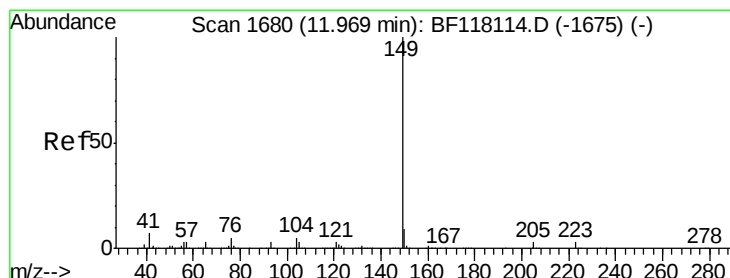
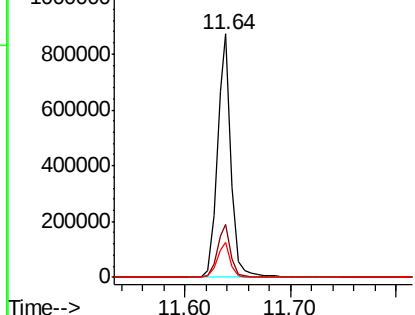
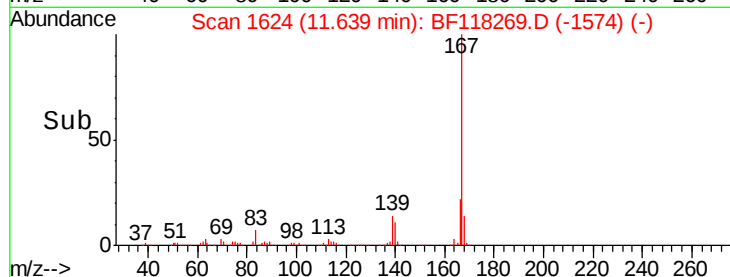


Abundance

Ion 167.00 (166.70 to 167.70): E

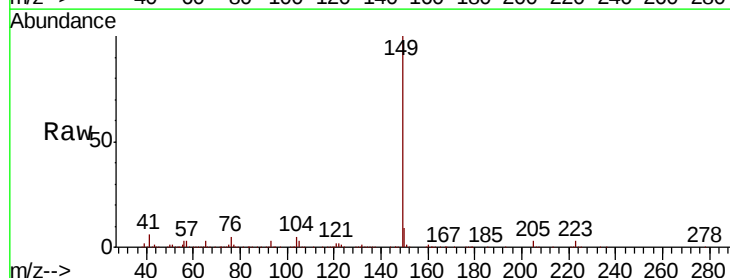
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 45.296 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF118269.D
 Acq: 18 Dec 2019 20:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	4.8	4.3	6.5

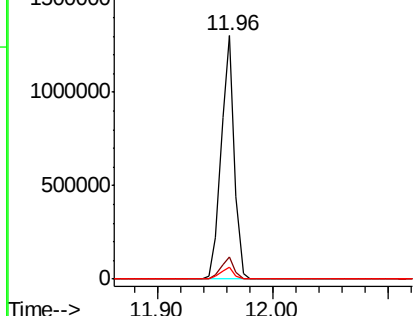
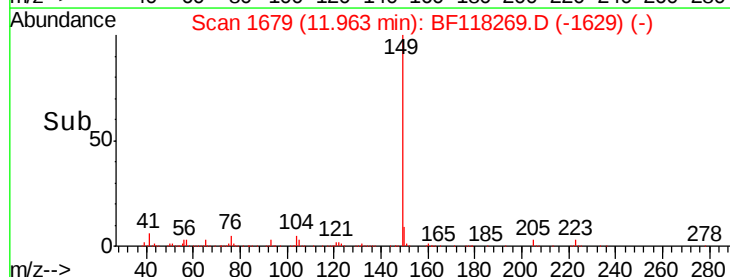


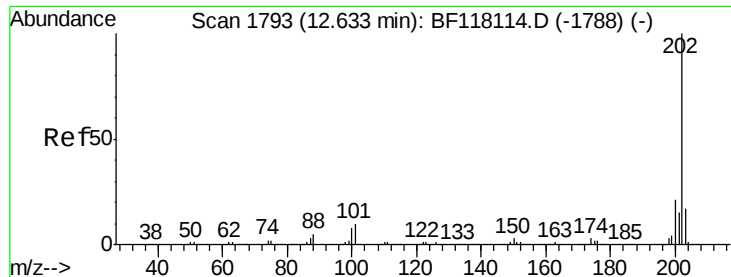
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

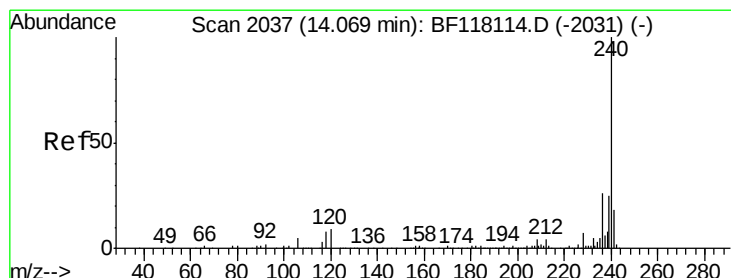
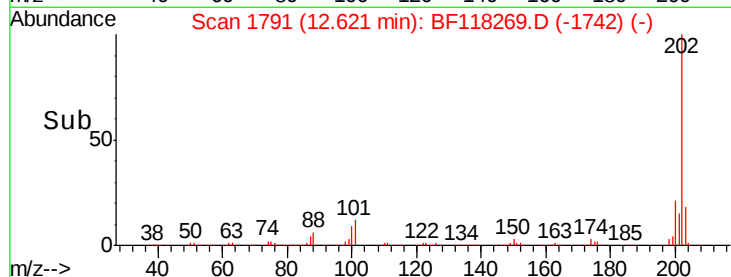
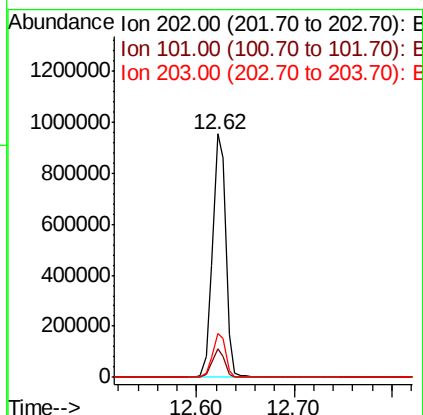
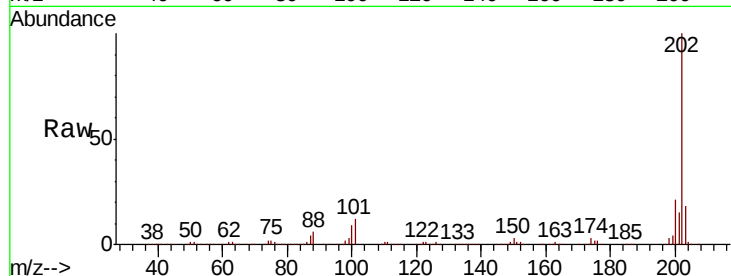




#75
Fluoranthene
Concen: 43.863 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

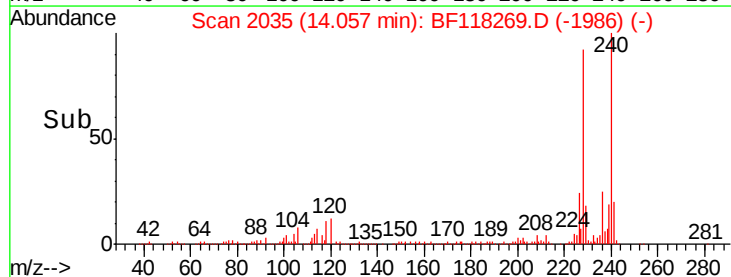
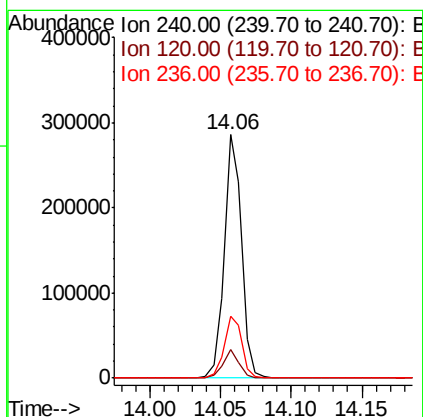
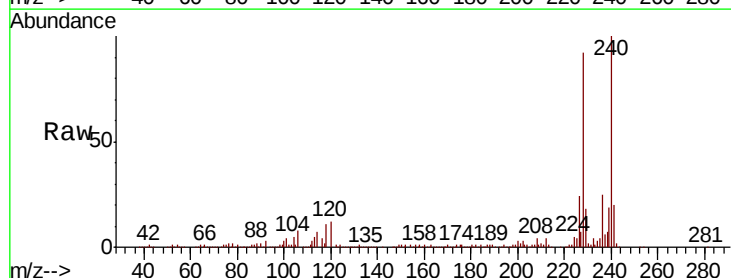
Instrument :
BNA_F
ClientSampleId :

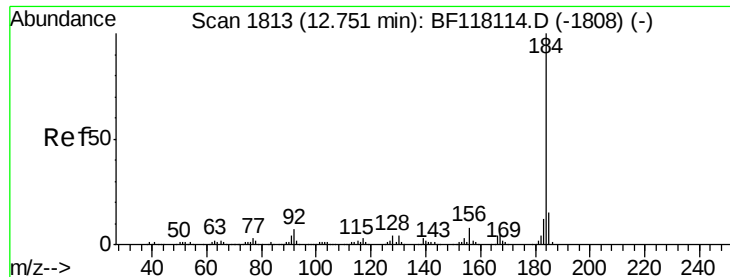
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	30.4
203	18.2	0.0	37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.9	7.1	10.7#
236	25.3	21.0	31.6





#77

Benzidine

Concen: 55.888 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

Instrument :

BNA_F

ClientSampled :

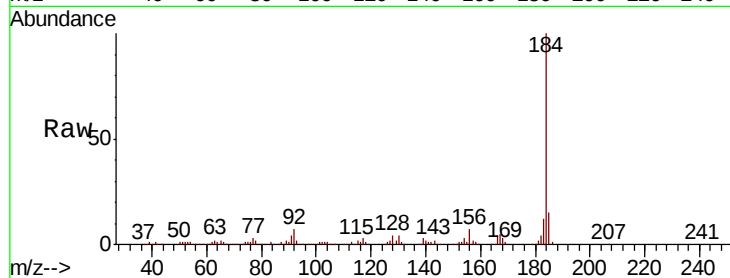
Tot Ion:184 Resp: 356807

Ion Ratio Lower Upper

184 100

185 15.0 12.3 18.5

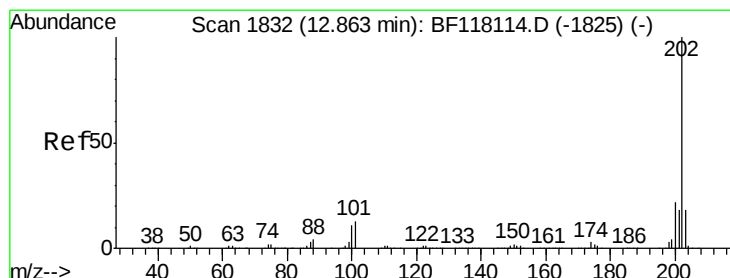
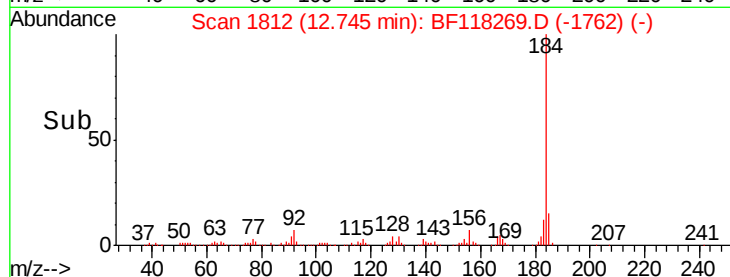
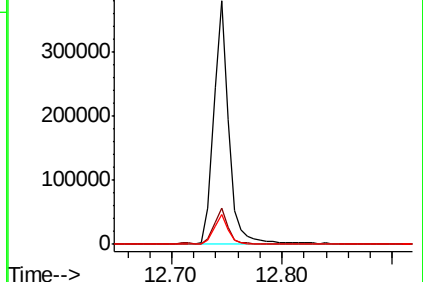
183 12.1 9.9 14.9



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: 47.043 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

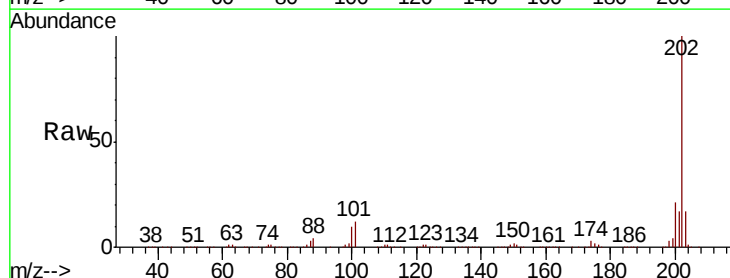
Tgt Ion:202 Resp: 899056

Ion Ratio Lower Upper

202 100

200 20.8 17.5 26.3

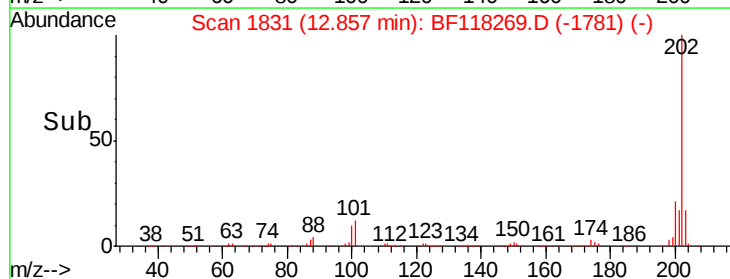
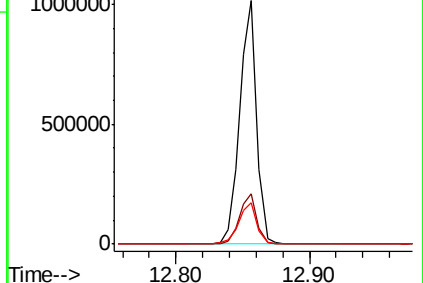
203 17.2 14.6 21.8

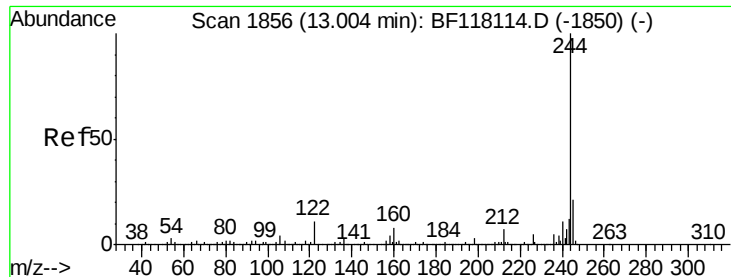


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.019 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

Instrument :

BNA_F

ClientSampleId :

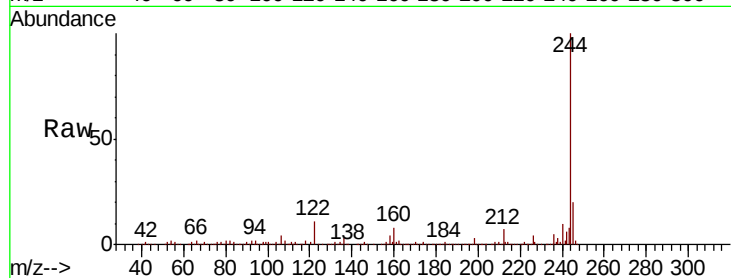
Tot Ion:244 Resp: 1184904

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

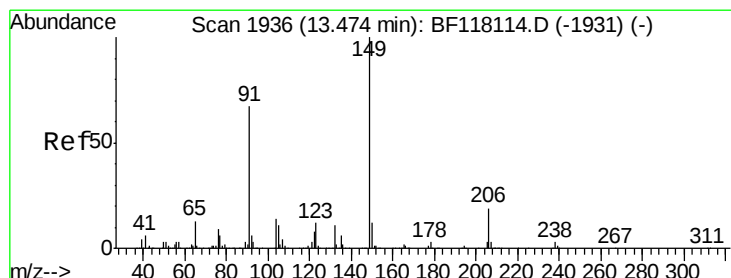
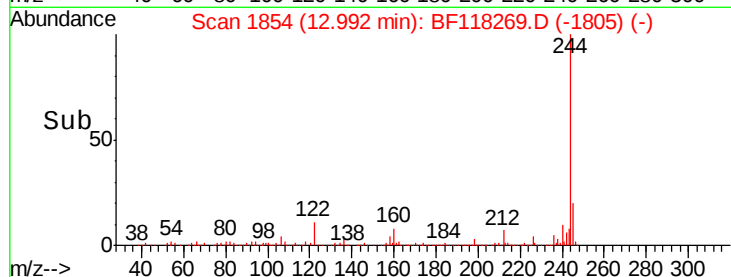
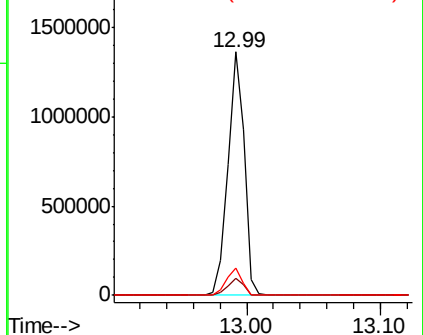
122 11.4 9.0 13.6



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: 45.621 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

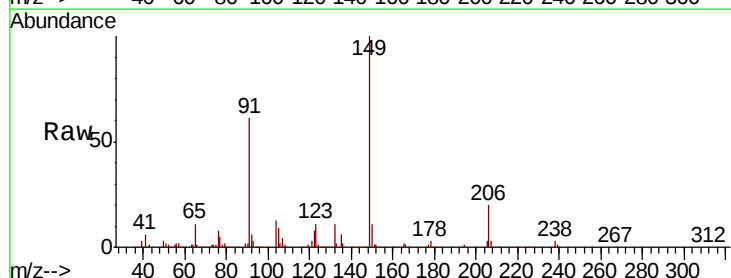
Tgt Ion:149 Resp: 394857

Ion Ratio Lower Upper

149 100

91 60.9 53.9 80.9

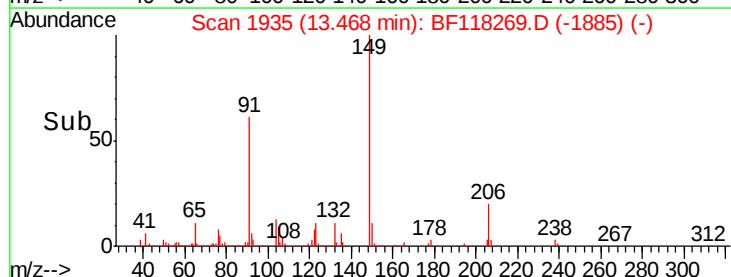
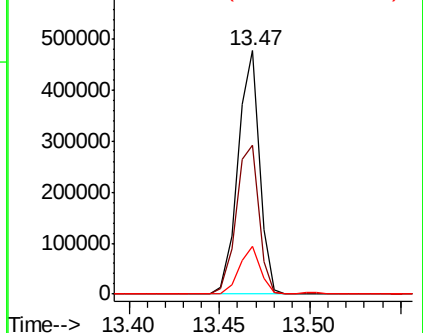
206 19.9 15.2 22.8



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: 44.940 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

Instrument :

BNA_F

ClientSampleId :

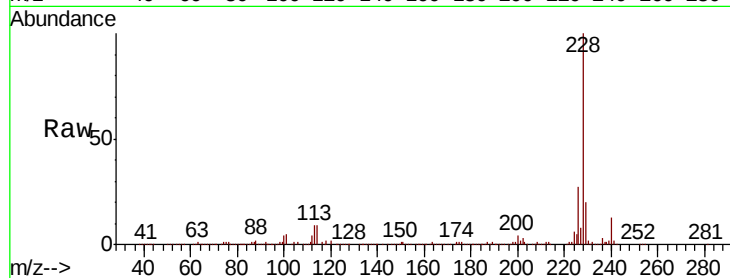
Tot Ion:228 Resp: 753614

Ion Ratio Lower Upper

228 100

226 26.5 21.8 32.8

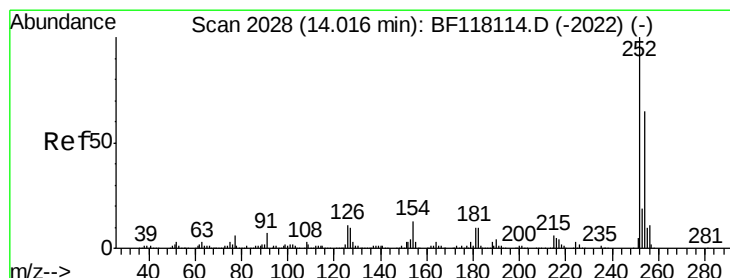
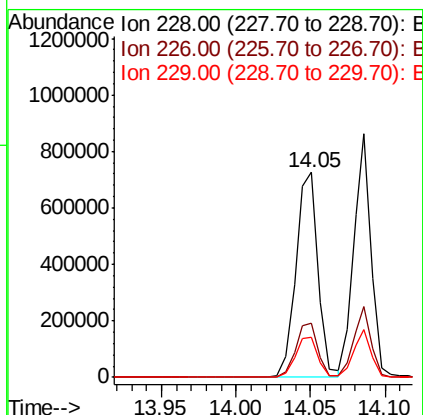
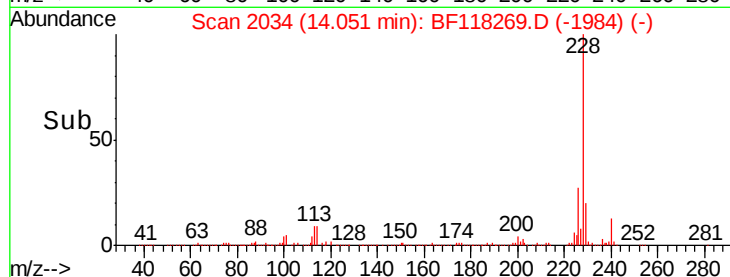
229 19.7 15.8 23.8



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: 25.735 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

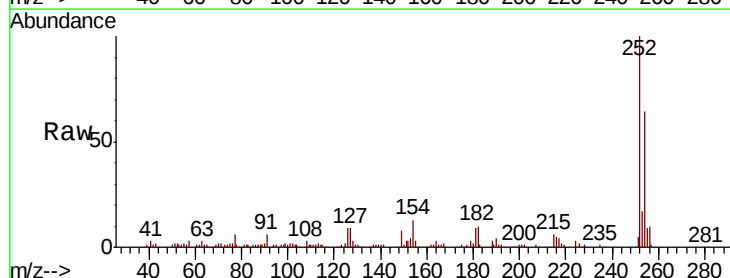
Tgt Ion:252 Resp: 141734

Ion Ratio Lower Upper

252 100

254 64.1 52.2 78.4

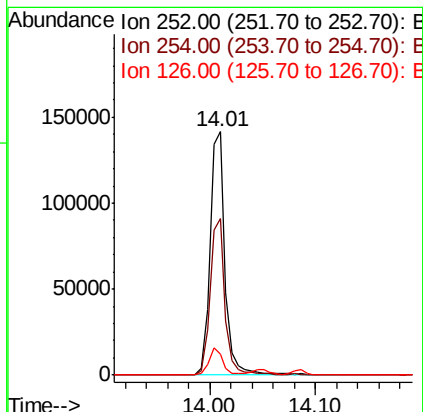
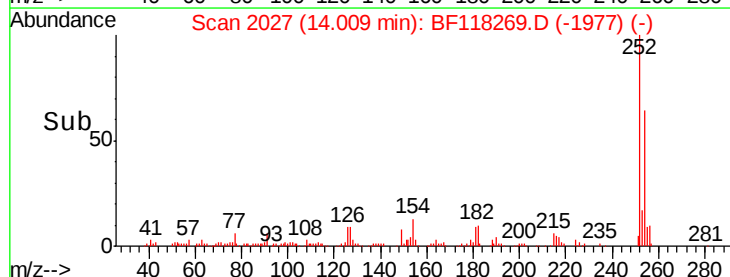
126 8.7 8.6 13.0

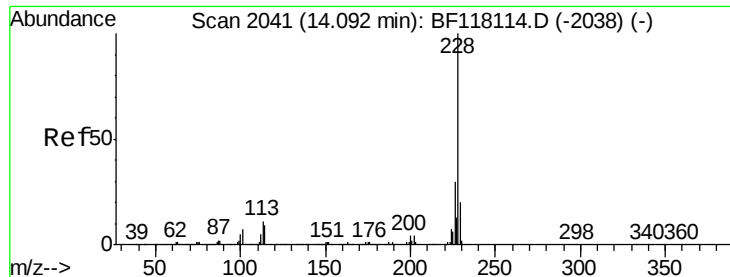


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.587 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

Instrument :

BNA_F

ClientSampled :

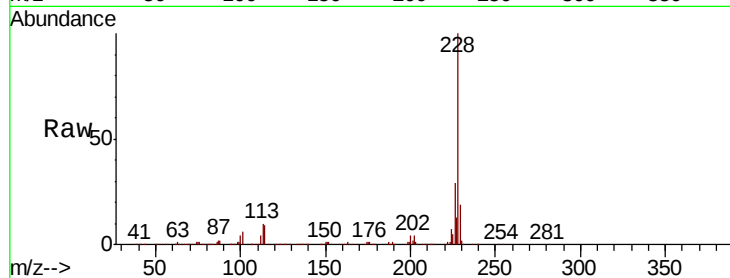
Tot Ion:228 Resp: 714204

Ion Ratio Lower Upper

228 100

226 29.2 23.8 35.8

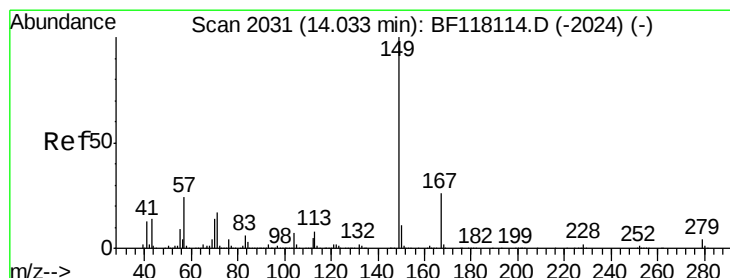
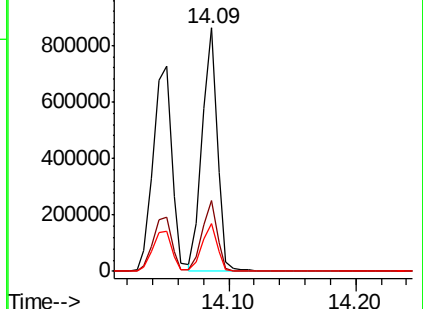
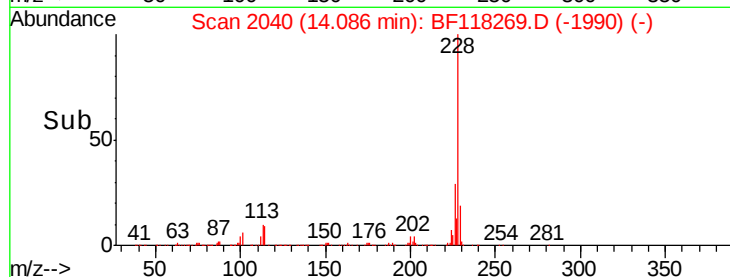
229 19.4 15.7 23.5



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: 47.899 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

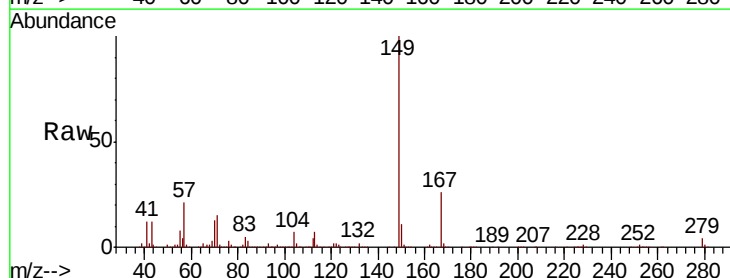
Tgt Ion:149 Resp: 546659

Ion Ratio Lower Upper

149 100

167 26.5 20.8 31.2

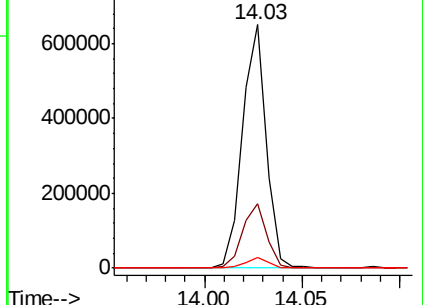
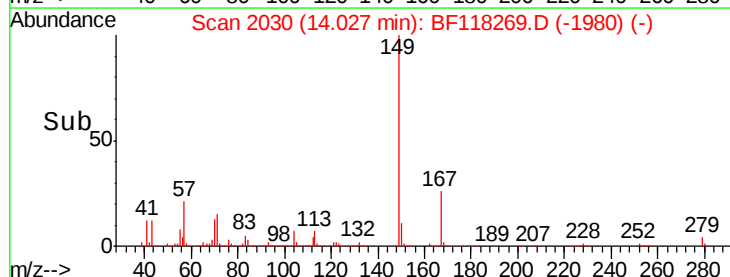
279 4.3 2.9 4.3

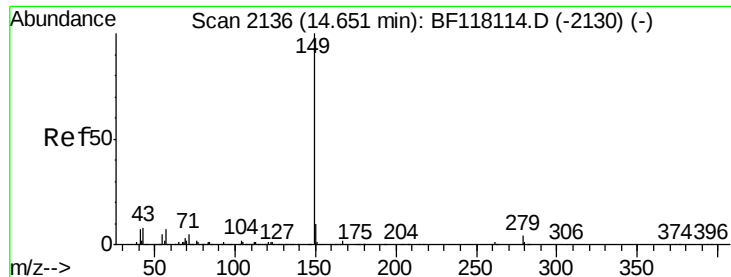


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 49.082 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

Instrument :

BNA_F

ClientSampleId :

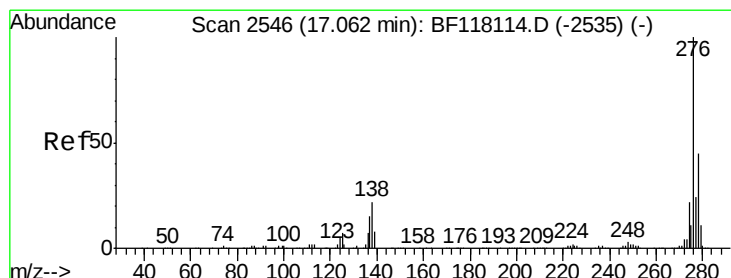
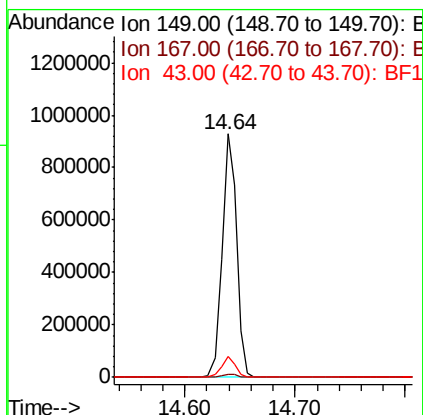
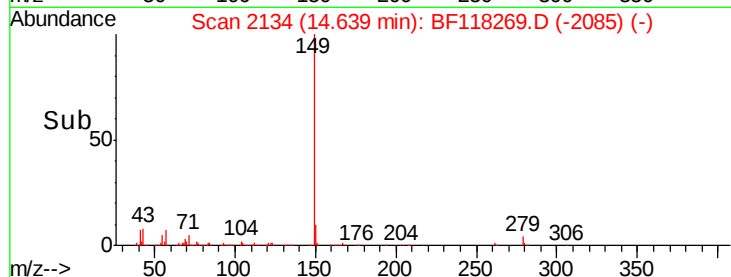
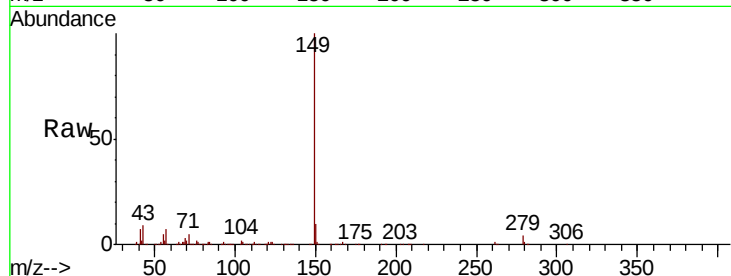
Tot Ion:149 Resp: 848550

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 8.0 6.5 9.7



#86

Indeno(1,2,3-cd)pyrene

Concen: 60.199 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.01 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

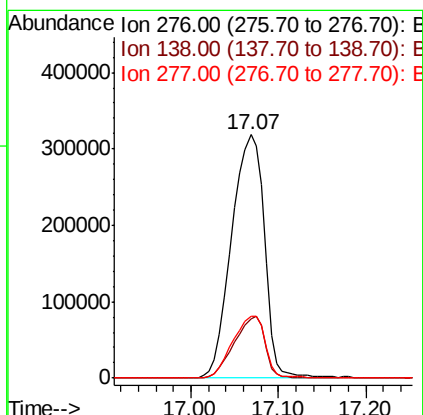
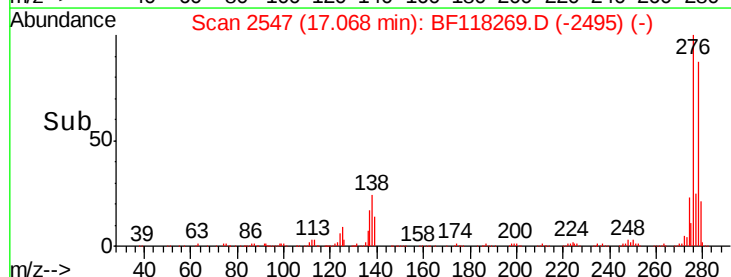
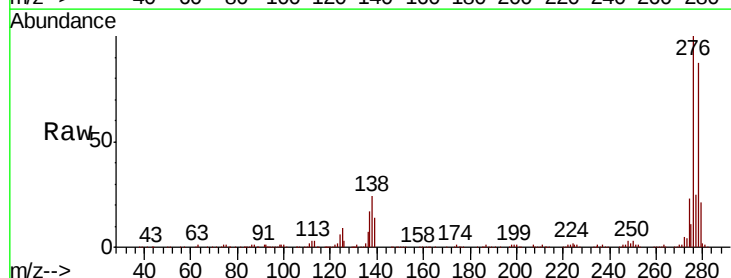
Tgt Ion:276 Resp: 811366

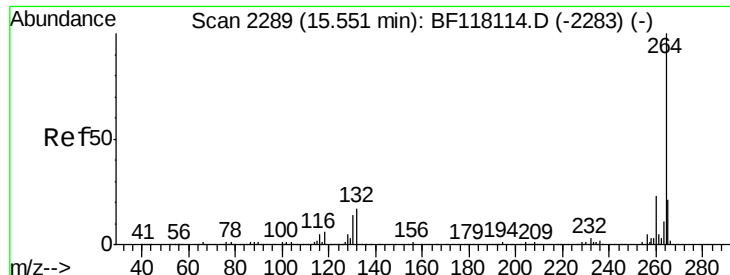
Ion Ratio Lower Upper

276 100

138 23.8 18.9 28.3

277 25.3 20.4 30.6

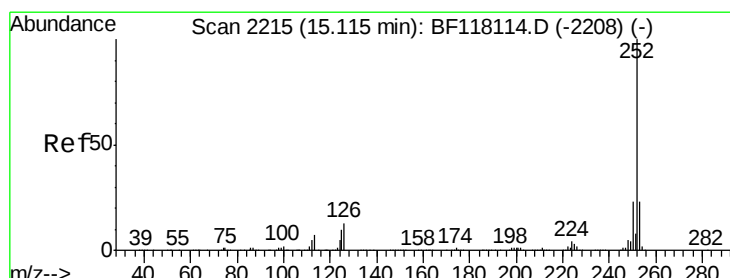
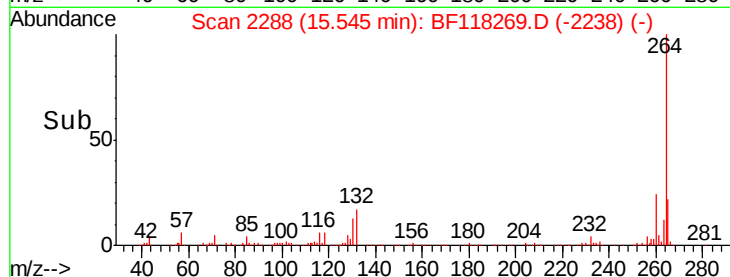
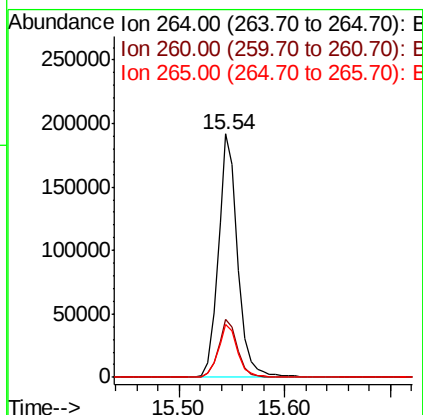
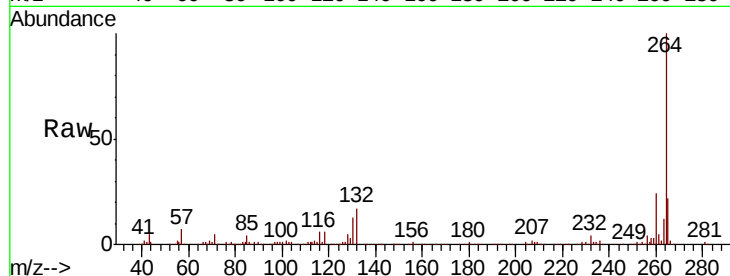




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

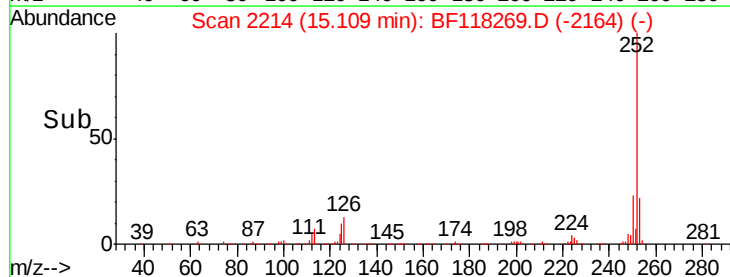
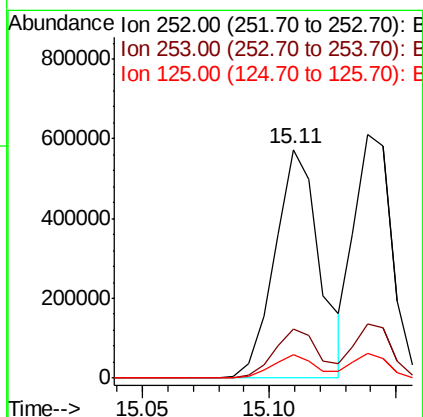
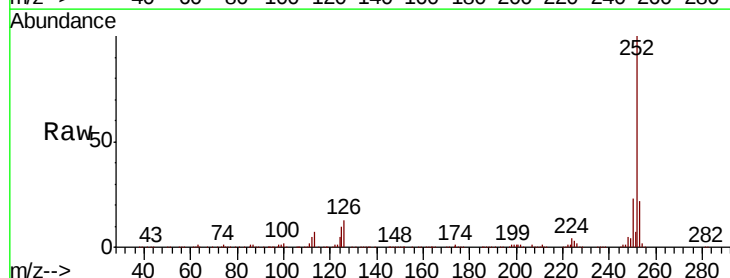
Instrument :
BNA_F
ClientSampleId :

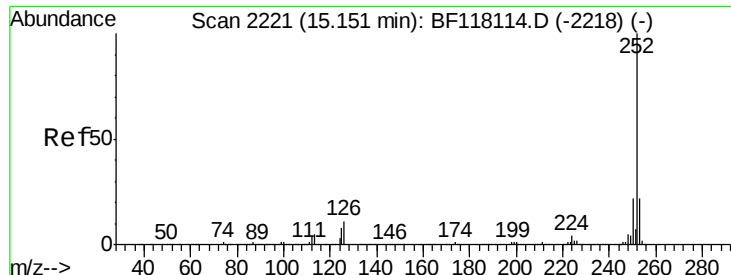
Tot Ion:264 Resp: 244479
Ion Ratio Lower Upper
264 100
260 23.9 18.6 28.0
265 21.9 16.8 25.2



#88
Benzo(b)fluoranthene
Concen: 43.688 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion:252 Resp: 706389
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.4
125 10.5 8.3 12.5

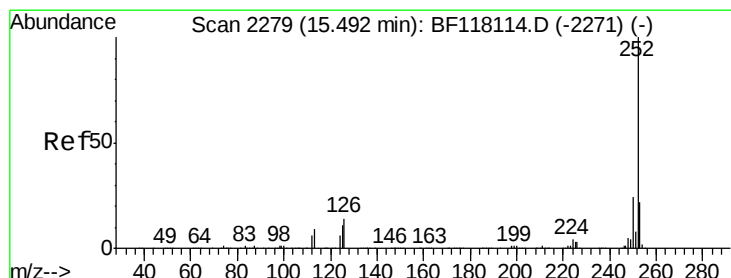
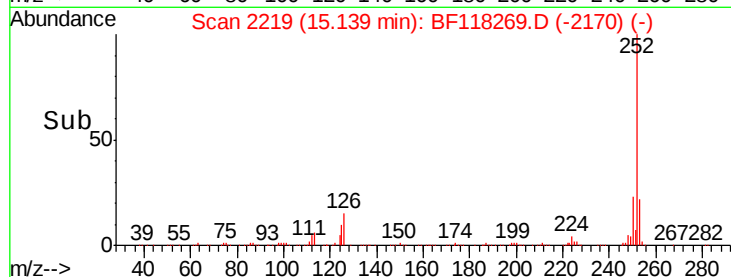
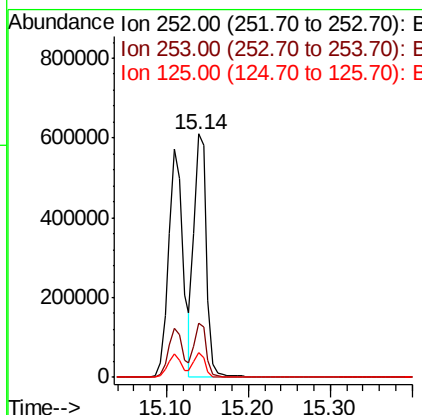
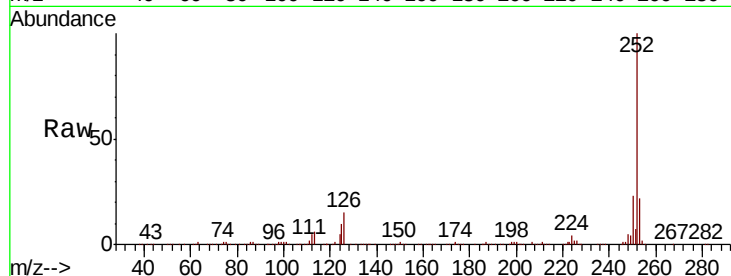




#89
Benzo(k)fluoranthene
Concen: 41.641 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

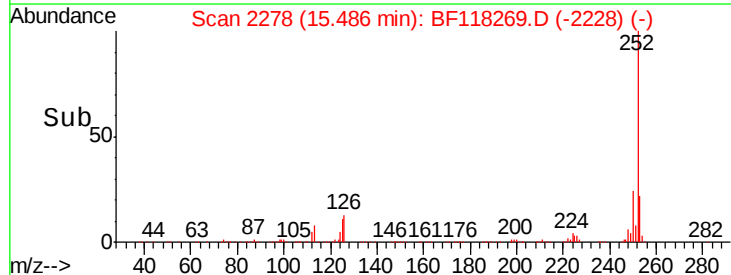
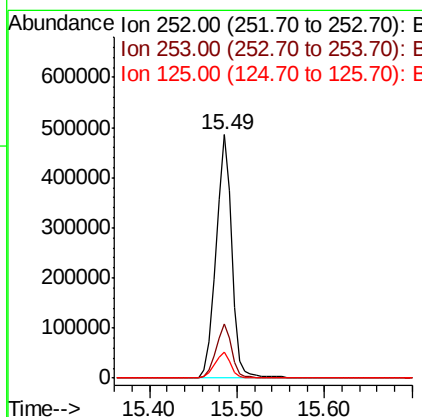
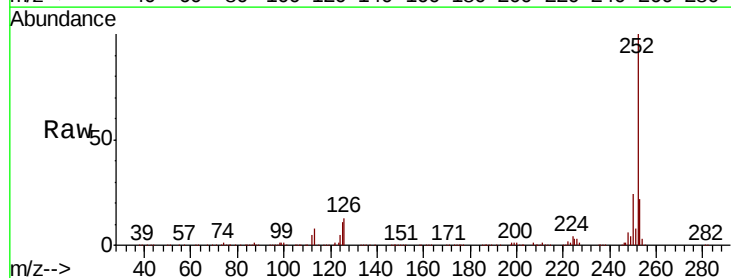
Instrument :
BNA_F
ClientSampleId :

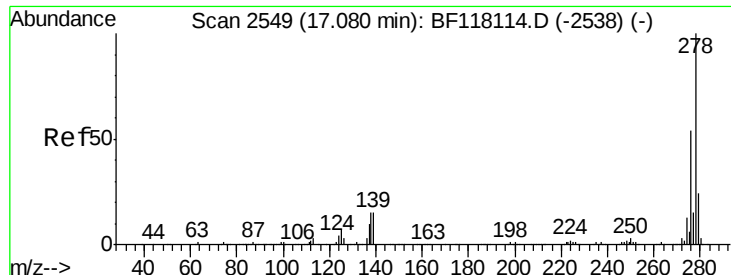
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	10.4	6.7	10.1#



#90
Benzo(a)pyrene
Concen: 42.881 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	10.7	9.1	13.7

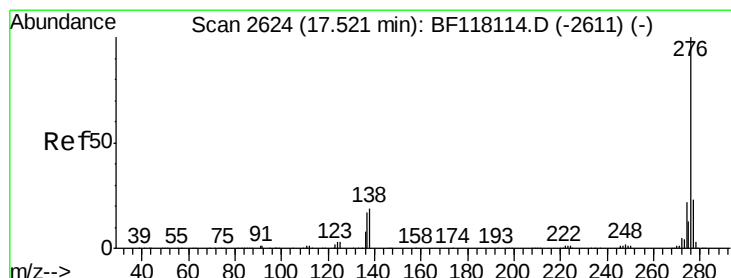
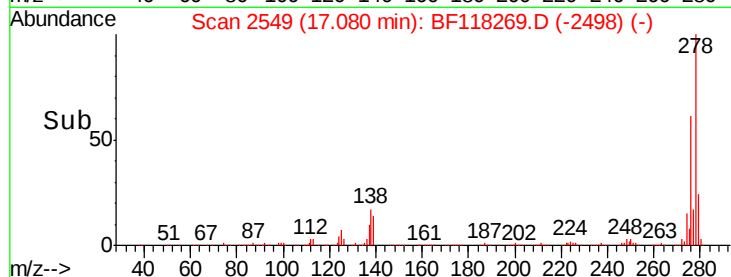
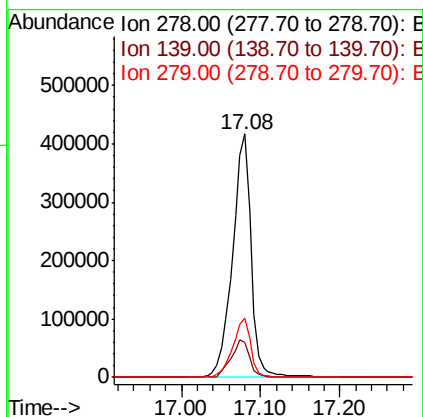
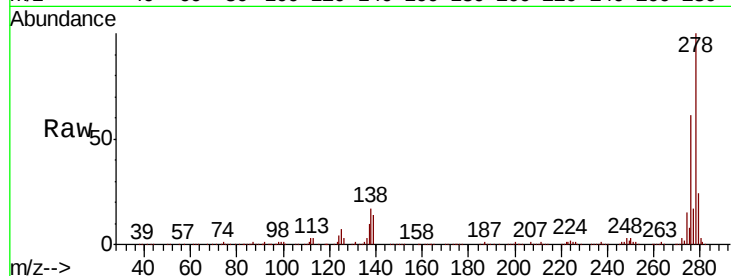




#91
Dibenzo(a,h)anthracene
Concen: 55.205 ng
RT: 17.08 min Scan# 2549
Delta R.T. -0.00 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.4	11.7	17.5
279	24.2	19.0	28.4



#92
Benzo(g,h,i)perylene
Concen: 58.826 ng
RT: 17.52 min Scan# 2624
Delta R.T. -0.00 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.2	27.4
138	19.9	15.5	23.3

