

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
 Data File : BF113978.D
 Acq On : 25 Apr 2019 15:38
 Operator : JU/SJ
 Sample : PB119203BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 25 23:15:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	127034	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	517418	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	278124	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	589469	20.00	ng	0.00
76) Chrysene-d12	14.07	240	598320	20.00	ng	0.00
87) Perylene-d12	15.56	264	517139	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	965875	130.04	ng	0.00
7) Phenol-d6	6.53	99	1209640	129.81	ng	0.01
23) Nitrobenzene-d5	7.46	82	781372	93.24	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	446755	131.86	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1517490	85.34	ng	0.00
79) Terphenyl-d14	13.00	244	2137918	73.26	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.70	88	108180	30.898	ng	96
3) Pyridine	3.47	79	264239	27.650	ng	99
4) n-Nitrosodimethylamine	3.40	42	120265	36.763	ng	# 96
6) Aniline	6.56	93	412158	32.210	ng	100
8) 2-Chlorophenol	6.69	128	354447	41.799	ng	99
9) Benzaldehyde	6.44	77	76983	9.989	ng	99
10) Phenol	6.55	94	449609	40.350	ng	96
11) bis(2-Chloroethyl)ether	6.63	93	343379	40.951	ng	95
12) 1,3-Dichlorobenzene	6.84	146	375347	39.083	ng	100
13) 1,4-Dichlorobenzene	6.92	146	383697	39.721	ng	98
14) 1,2-Dichlorobenzene	7.07	146	366682	41.304	ng	99
15) Benzyl Alcohol	7.03	79	285536	45.497	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	388976	39.739	ng	91
17) 2-Methylphenol	7.15	107	320697	43.144	ng	98
18) Hexachloroethane	7.41	117	133736	39.494	ng	92
19) n-Nitroso-di-n-propylamine	7.31	70	247838	41.070	ng	100
20) 3+4-Methylphenols	7.30	107	370647	44.135	ng	# 80
22) Acetophenone	7.30	105	498276	43.275	ng	# 95
24) Nitrobenzene	7.47	77	387934	41.895	ng	99
25) Isophorone	7.72	82	703927	41.053	ng	100
26) 2-Nitrophenol	7.79	139	195725	46.333	ng	96
27) 2,4-Dimethylphenol	7.83	122	305590	44.401	ng	97
28) bis(2-Chloroethoxy)methane	7.92	93	431749	39.514	ng	99
29) 2,4-Dichlorophenol	8.03	162	331304	42.095	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	362419	41.299	ng	98
31) Naphthalene	8.20	128	1034203	42.075	ng	99
32) Benzoic acid	7.95	122	168911	36.342	ng	95
33) 4-Chloroaniline	8.25	127	326253	31.368	ng	96
34) Hexachlorobutadiene	8.32	225	217009	39.669	ng	98
35) Caprolactam	8.61	113	72259	28.862	ng	90
36) 4-Chloro-3-methylphenol	8.73	107	331615	42.529	ng	99
37) 2-Methylnaphthalene	8.89	142	714454	43.103	ng	99
38) 1-Methylnaphthalene	8.99	142	676021	42.256	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	368855	40.828	ng	100

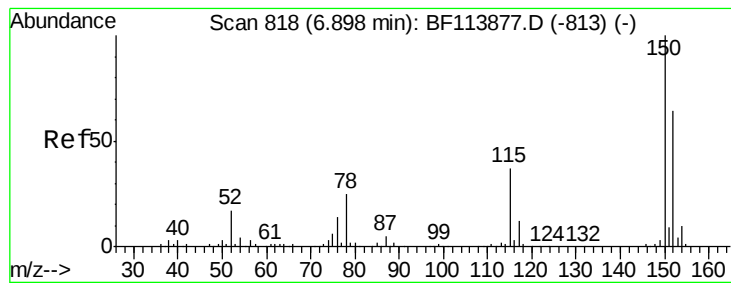
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	358609	71.182	ng	99
43) 2,4,6-Trichlorophenol	9.17	196	249190	43.437	ng	99
44) 2,4,5-Trichlorophenol	9.22	196	274612	42.677	ng	98
46) 1,1'-Biphenyl	9.36	154	891909	41.979	ng	98
47) 2-Chloronaphthalene	9.38	162	726644	42.056	ng	97
48) 2-Nitroaniline	9.47	65	205784	45.433	ng	94
49) Acenaphthylene	9.80	152	1113822	41.177	ng	99
50) Dimethylphthalate	9.66	163	854382	42.476	ng	100
51) 2,6-Dinitrotoluene	9.72	165	196766	45.597	ng	98
52) Acenaphthene	9.97	154	747627	46.769	ng	99
53) 3-Nitroaniline	9.88	138	159715	35.221	ng	97
54) 2,4-Dinitrophenol	9.99	184	183850	96.551	ng	# 3
55) Dibenzofuran	10.15	168	1027919	42.928	ng	100
56) 4-Nitrophenol	10.05	139	337998	94.140	ng	96
57) 2,4-Dinitrotoluene	10.12	165	273387	50.192	ng	93
58) Fluorene	10.49	166	775524	43.018	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	262693	46.456	ng	99
60) Diethylphthalate	10.36	149	835243	43.728	ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	408565	42.793	ng	99
62) 4-Nitroaniline	10.50	138	212947	48.122	ng	98
63) Azobenzene	10.63	77	774137	41.817	ng	98
65) 4,6-Dinitro-2-methylphenol	10.53	198	122460	45.732	ng	92
66) n-Nitrosodiphenylamine	10.59	169	713616	40.347	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	273760	38.444	ng	99
68) Hexachlorobenzene	11.04	284	307334	39.275	ng	97
69) Atrazine	11.12	200	243662	42.349	ng	100
70) Pentachlorophenol	11.23	266	362460	81.809	ng	98
71) Phenanthrene	11.45	178	1232334	41.599	ng	100
72) Anthracene	11.50	178	1260723	42.143	ng	99
73) Carbazole	11.65	167	1165511	43.670	ng	100
74) Di-n-butylphthalate	11.98	149	1356992	43.223	ng	99
75) Fluoranthene	12.63	202	1408244	43.571	ng	99
77) Benzidine	12.74	184	566395	31.771	ng	97
78) Pyrene	12.86	202	1414386	33.803	ng	100
80) Butylbenzylphthalate	13.47	149	635919	38.629	ng	98
81) Benzo(a)anthracene	14.06	228	1376304	39.042	ng	99
82) 3,3'-Dichlorobenzidine	14.02	252	483862	37.448	ng	# 98
83) Chrysene	14.10	228	1364617	39.748	ng	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	860667	41.091	ng	99
85) Di-n-octyl phthalate	14.67	149	1517692	46.293	ng	98
86) Indeno(1,2,3-cd)pyrene	17.07	276	1499425	46.107	ng	98
88) Benzo(b)fluoranthene	15.13	252	1516438	46.347	ng	99
89) Benzo(k)fluoranthene	15.16	252	1380117	49.038	ng	99
90) Benzo(a)pyrene	15.50	252	1400809	49.498	ng	99
91) Dibenzo(a,h)anthracene	17.09	278	1262689	47.530	ng	99
92) Benzo(g,h,i)perylene	17.52	276	1233980	46.028	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

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BNA_F

ClientSampleId :

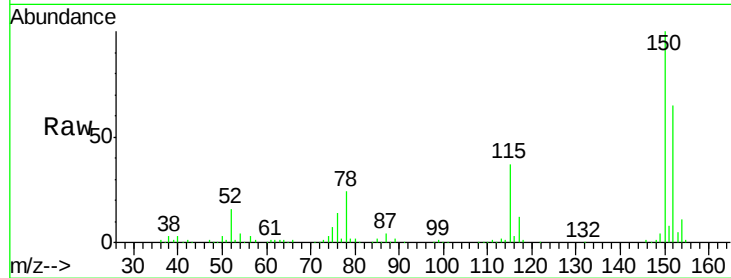
Tot Ion:152 Resp: 127034

Ion Ratio Lower Upper

152 100

150 153.3 125.9 188.9

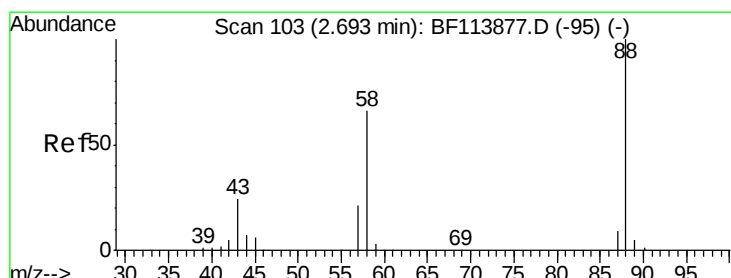
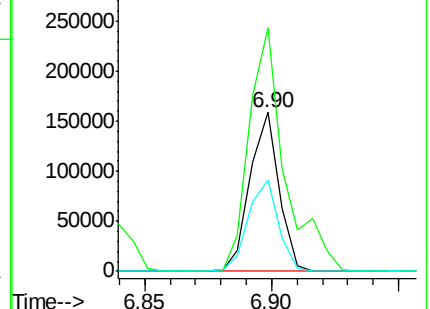
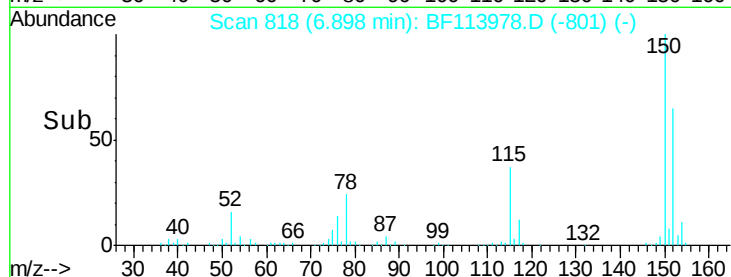
115 57.1 45.9 68.9



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: 30.898 ng

RT: 2.70 min Scan# 104

Delta R.T. 0.01 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

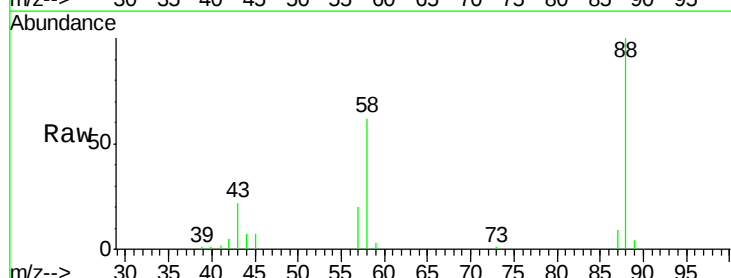
Tgt Ion: 88 Resp: 108180

Ion Ratio Lower Upper

88 100

58 62.9 53.3 79.9

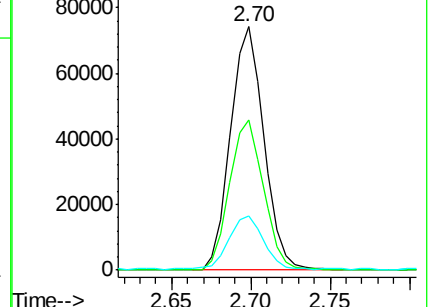
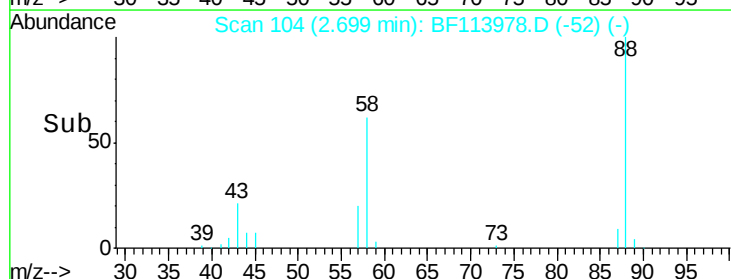
43 22.7 19.0 28.4

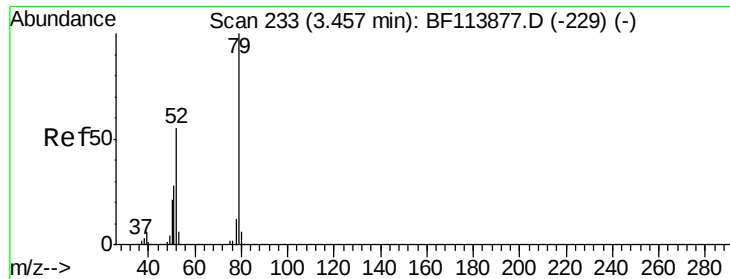


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 27.650 ng

RT: 3.47 min Scan# 235

Delta R.T. 0.01 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_F

ClientSampleId :

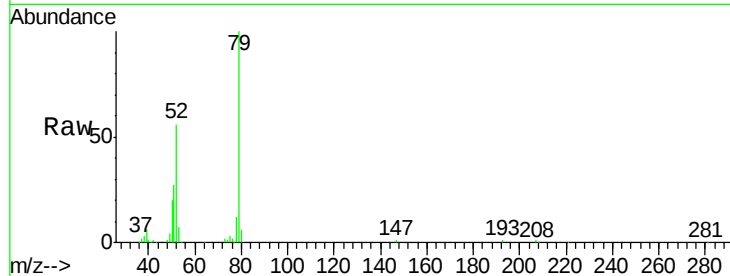
Tot Ion: 79 Resp: 264239

Ion Ratio Lower Upper

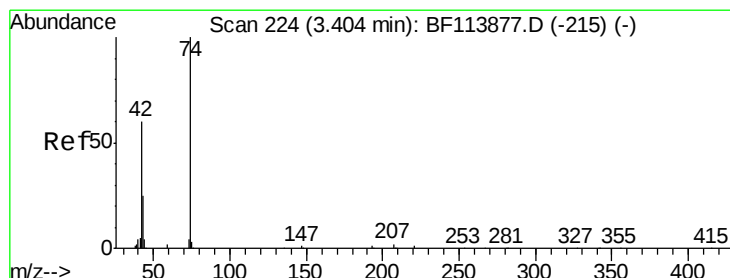
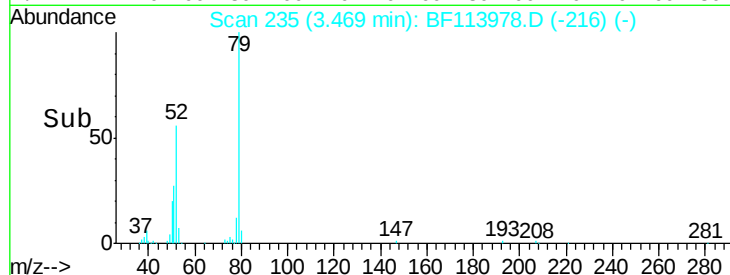
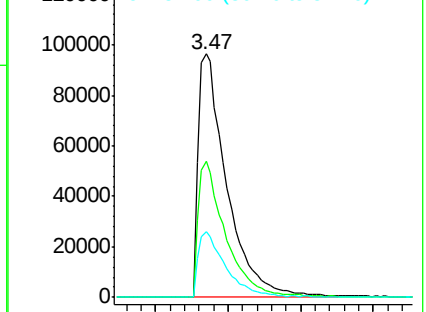
79 100

52 56.1 45.3 67.9

51 27.1 22.1 33.1



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: 36.763 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.00 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

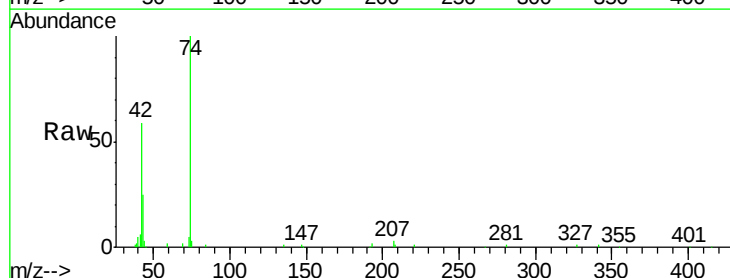
Tgt Ion: 42 Resp: 120265

Ion Ratio Lower Upper

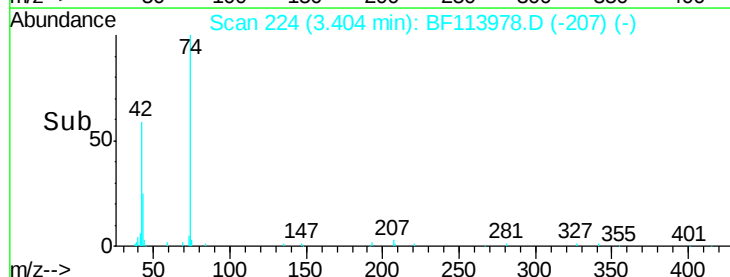
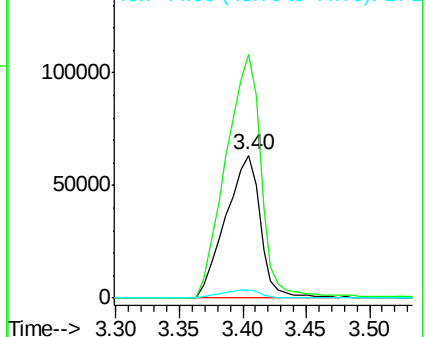
42 100

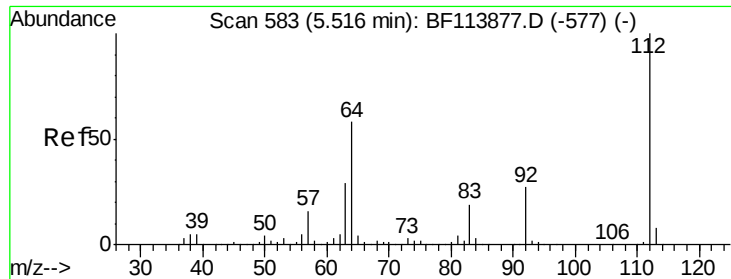
74 170.9 132.6 198.8

44 5.4 5.8 8.8#



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

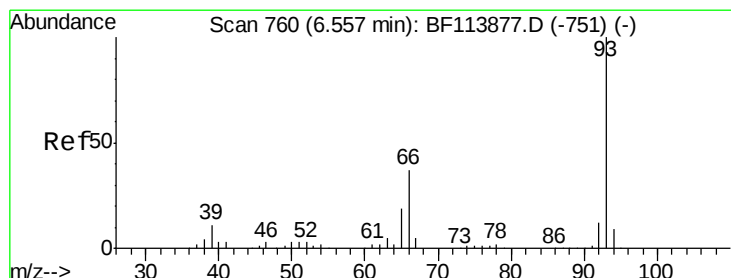
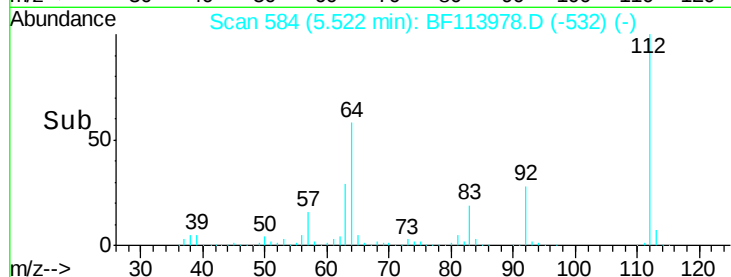
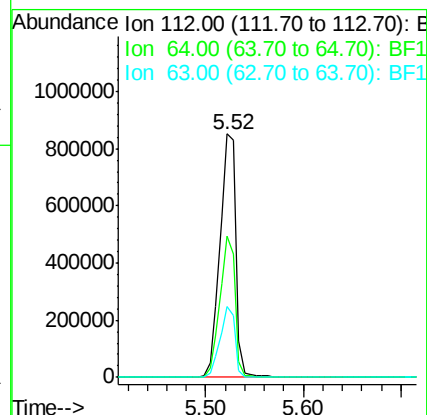
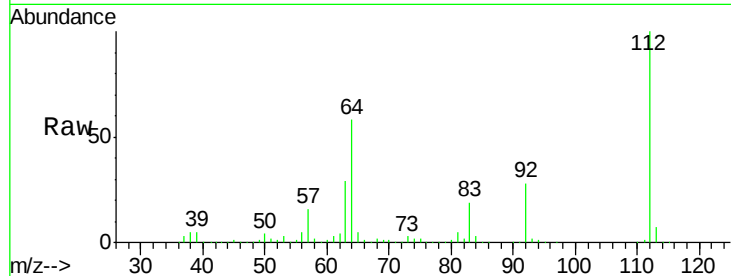




#5
2-Fluorophenol
Concen: 130.043 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

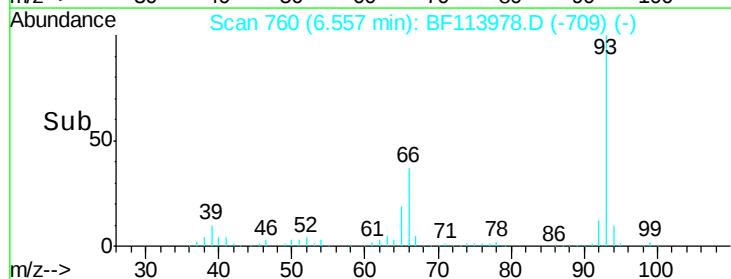
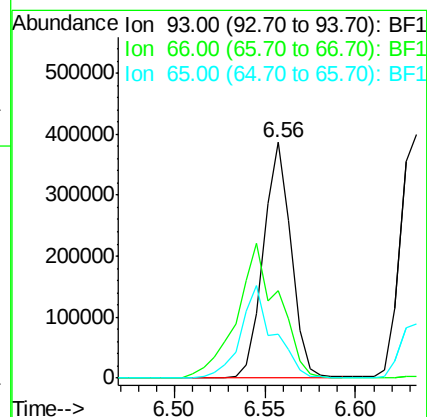
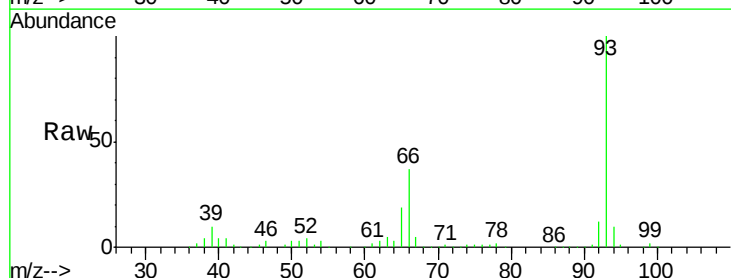
Instrument :
BNA_F
ClientSampled :

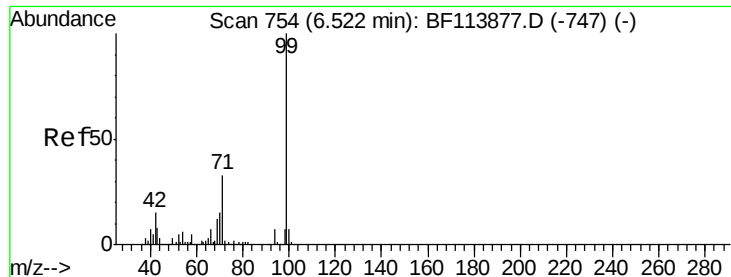
Tot Ion:112 Resp: 965875
Ion Ratio Lower Upper
112 100
64 57.9 46.6 69.8
63 29.1 23.1 34.7



#6
Aniline
Concen: 32.210 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Tgt Ion: 93 Resp: 412158
Ion Ratio Lower Upper
93 100
66 37.3 29.8 44.6
65 18.9 14.9 22.3





#7

Phenol-d6

Concen: 129.811 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_F

ClientSampleId :

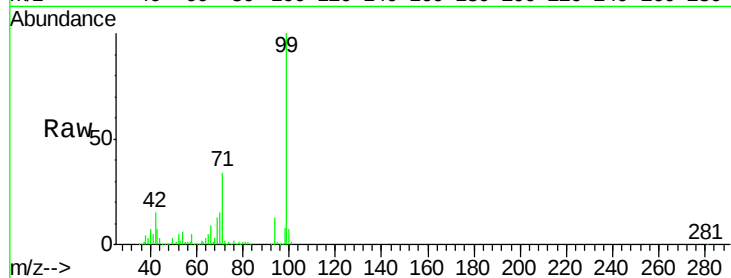
Tot Ion: 99 Resp: 1209640

Ion Ratio Lower Upper

99 100

42 14.7 12.5 18.7

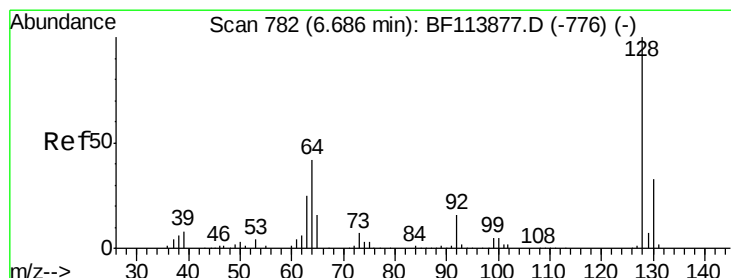
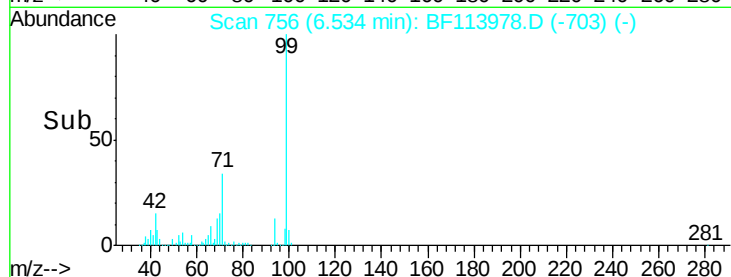
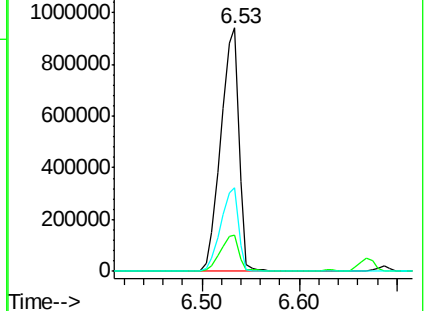
71 34.2 26.9 40.3



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: 41.799 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

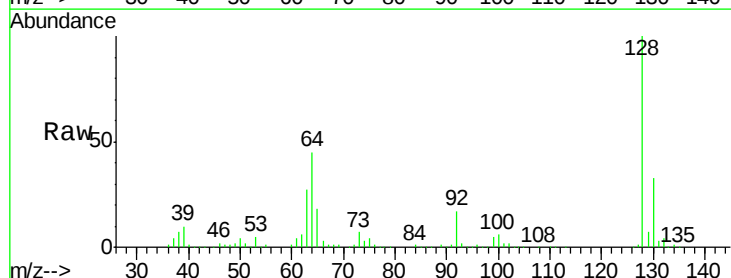
Tgt Ion: 128 Resp: 354447

Ion Ratio Lower Upper

128 100

130 32.6 12.3 52.3

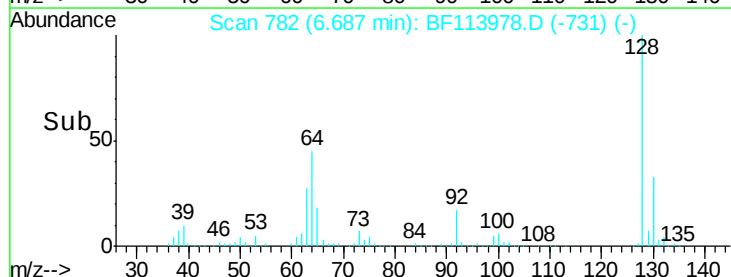
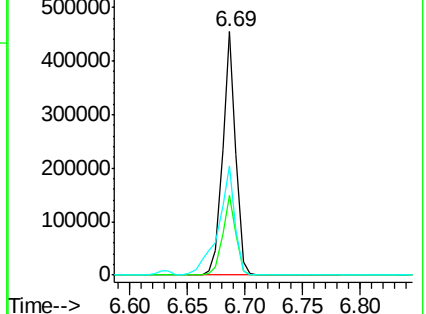
64 44.7 26.1 66.1

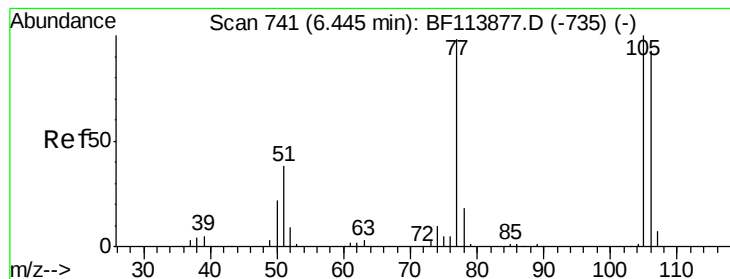


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 9.989 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_F

ClientSampleId :

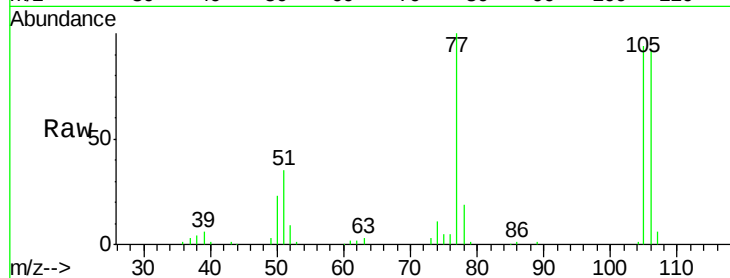
Tot Ion: 77 Resp: 76983

Ion Ratio Lower Upper

77 100

105 93.9 74.1 114.1

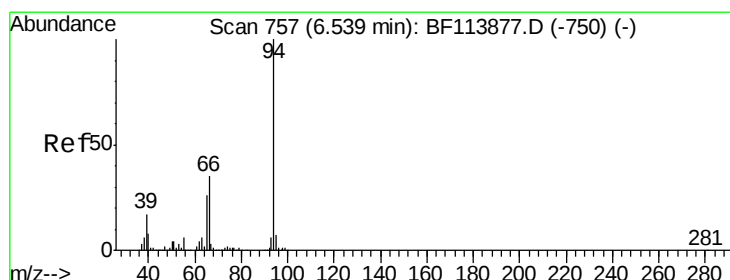
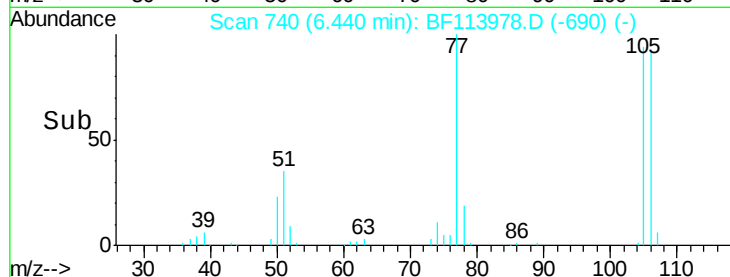
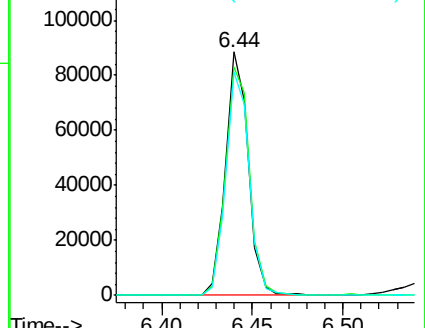
106 91.8 70.3 110.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.350 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

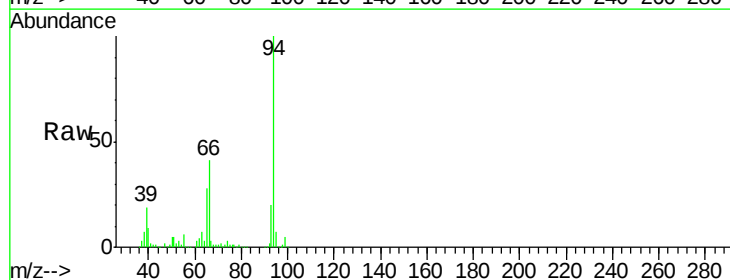
Tgt Ion: 94 Resp: 449609

Ion Ratio Lower Upper

94 100

65 28.3 8.1 48.1

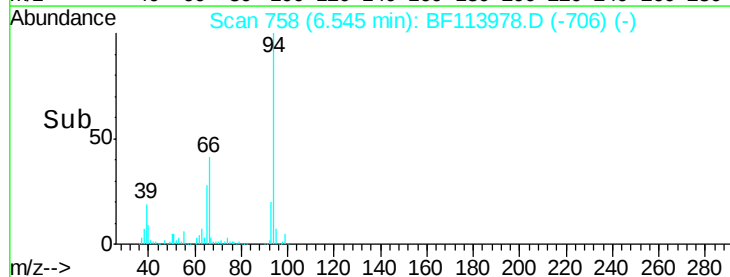
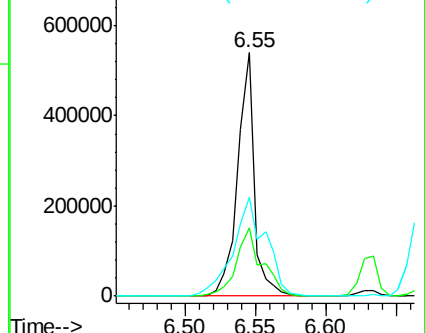
66 40.8 16.6 56.6

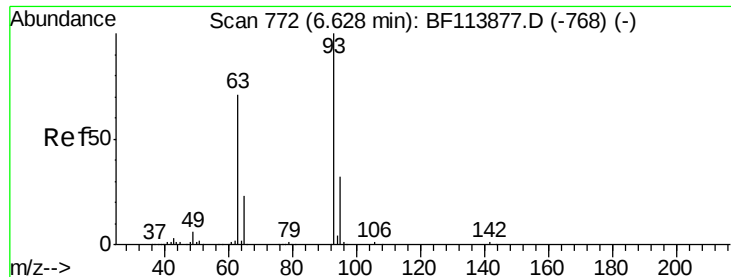


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

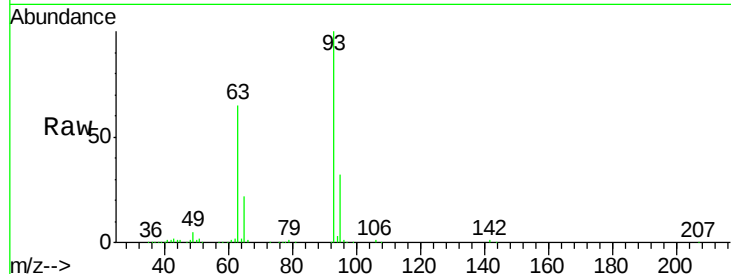




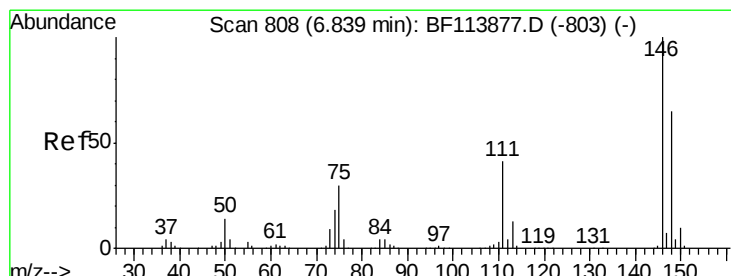
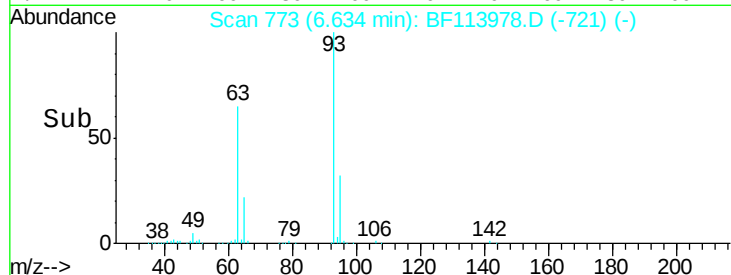
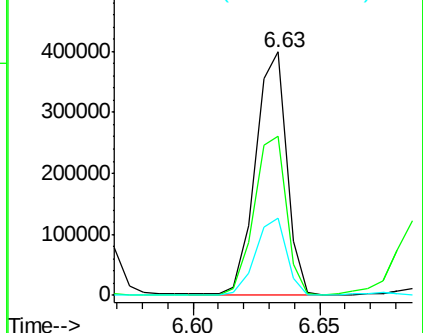
#11
bis(2-Chloroethyl)ether
Concen: 40.951 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.01 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 343379
Ion Ratio Lower Upper
93 100
63 65.5 50.7 90.7
95 31.8 12.3 52.3

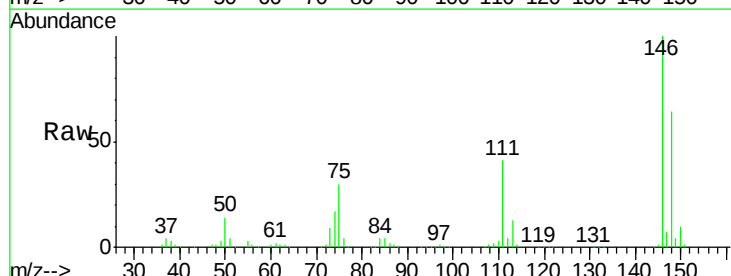


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

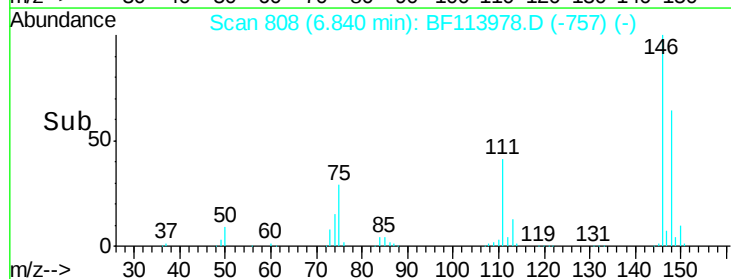
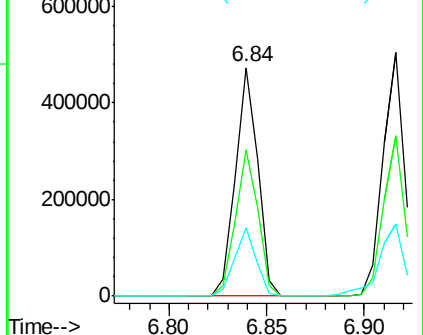


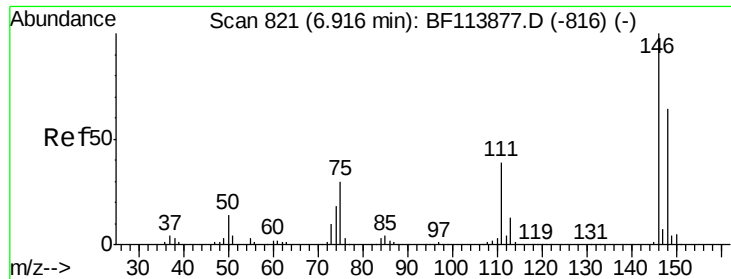
#12
1,3-Dichlorobenzene
Concen: 39.083 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Tgt Ion: 146 Resp: 375347
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.6
75 29.6 23.8 35.8



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

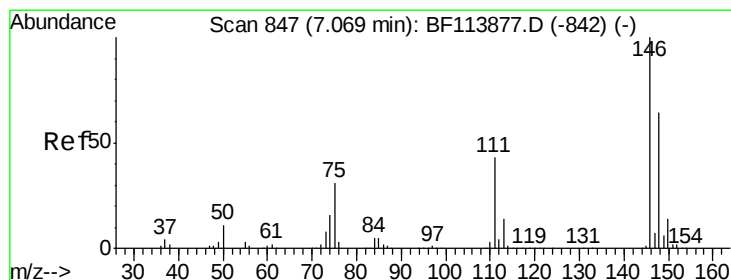
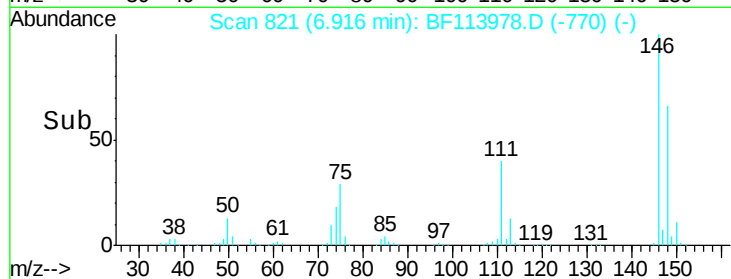
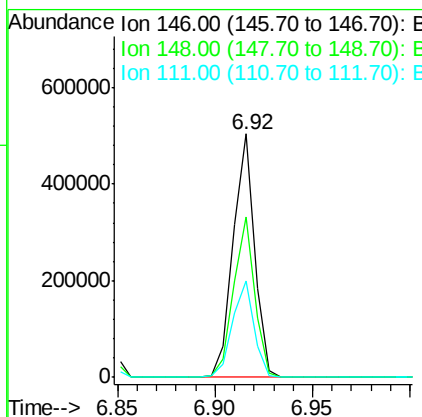
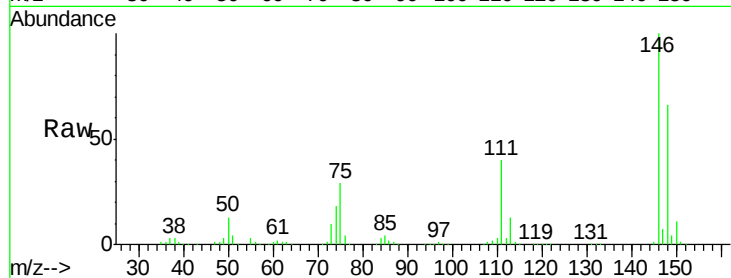




#13
 1,4-Dichlorobenzene
 Concen: 39.721 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF113978.D
 Acq: 25 Apr 2019 15:38

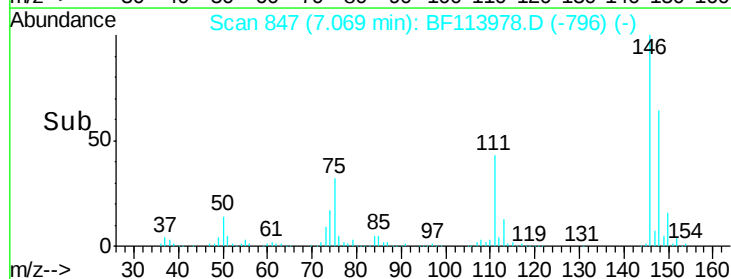
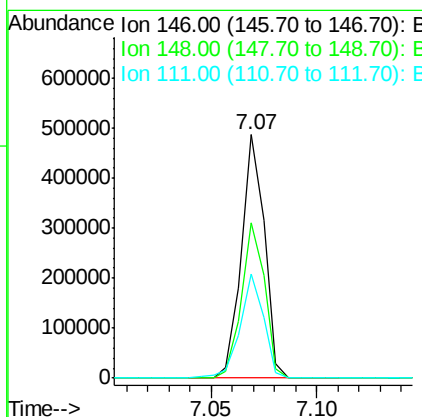
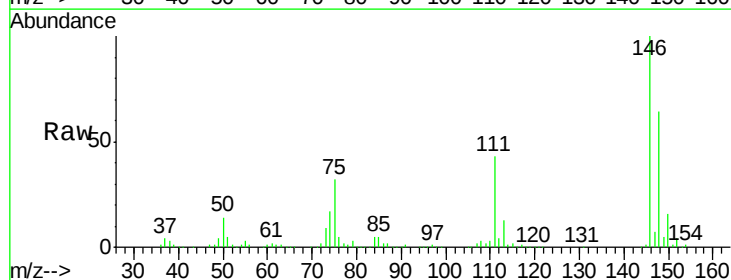
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.8	77.8
111	39.7	30.9	46.3



#14
 1,2-Dichlorobenzene
 Concen: 41.304 ng
 RT: 7.07 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF113978.D
 Acq: 25 Apr 2019 15:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.1	78.1
111	42.8	34.2	51.4





#15

Benzyl Alcohol

Concen: 45.497 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_F

ClientSampleId :

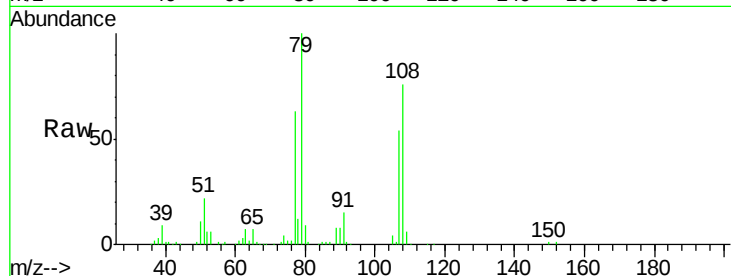
Tot Ion: 79 Resp: 285536

Ion Ratio Lower Upper

79 100

108 76.3 61.4 92.0

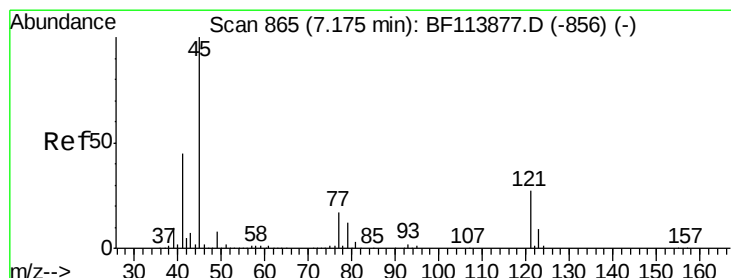
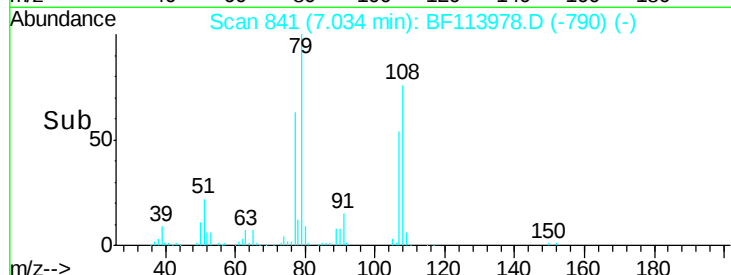
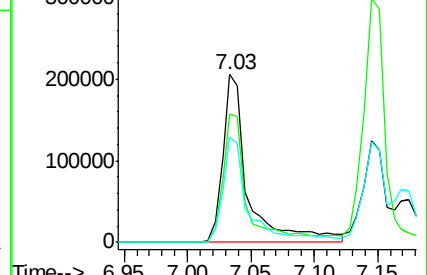
77 62.9 51.6 77.4



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: 39.739 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

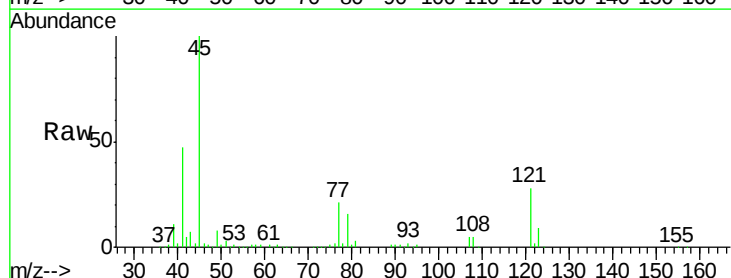
Tgt Ion: 45 Resp: 388976

Ion Ratio Lower Upper

45 100

77 20.9 0.0 37.0

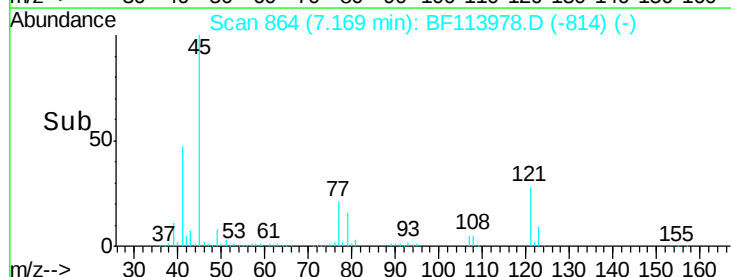
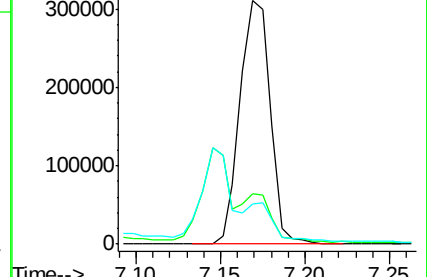
79 16.4 0.0 32.7

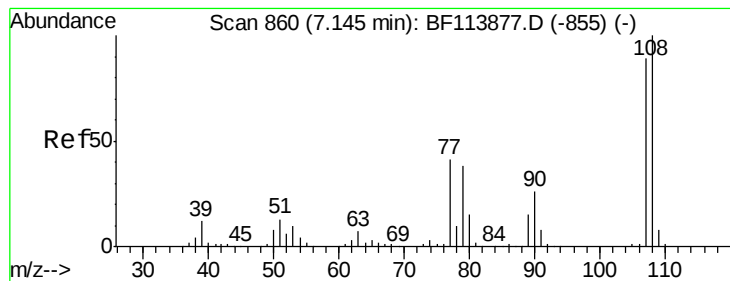


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

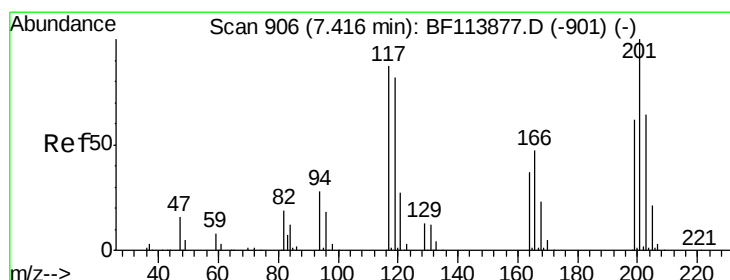
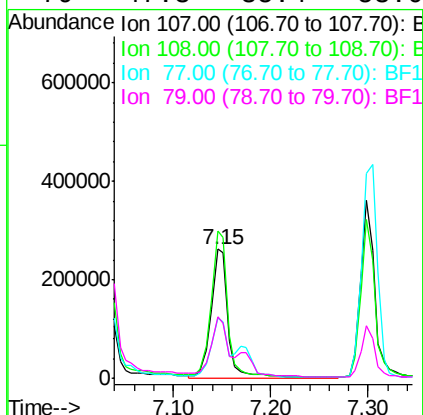
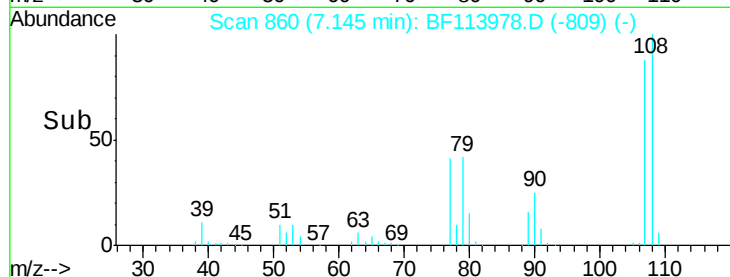
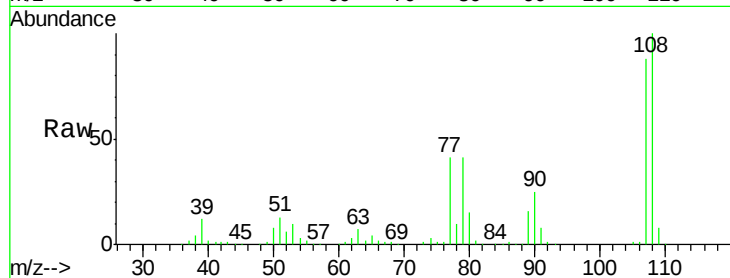




#17
2-Methylphenol
Concen: 43.144 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

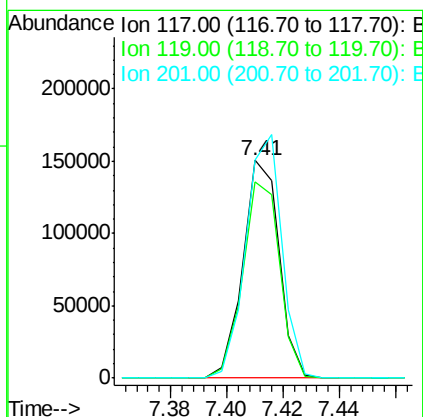
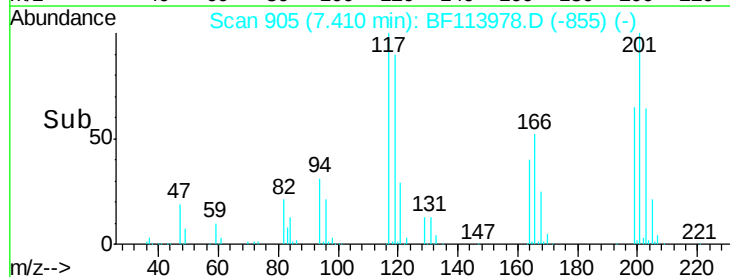
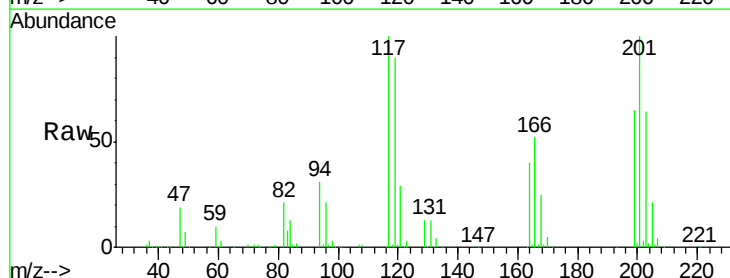
Instrument :
BNA_F
ClientSampleId :

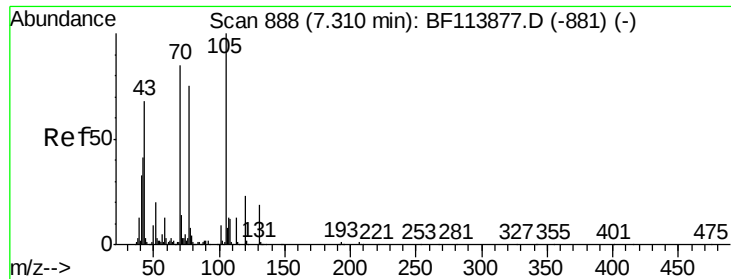
Tot Ion:	107	Resp:	320697
Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.5	137.3
77	46.9	36.2	54.4
79	47.3	35.4	53.0



#18
Hexachloroethane
Concen: 39.494 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Tgt Ion:	117	Resp:	133736
Ion	Ratio	Lower	Upper
117	100		
119	90.0	74.4	111.6
201	100.1	90.2	135.2

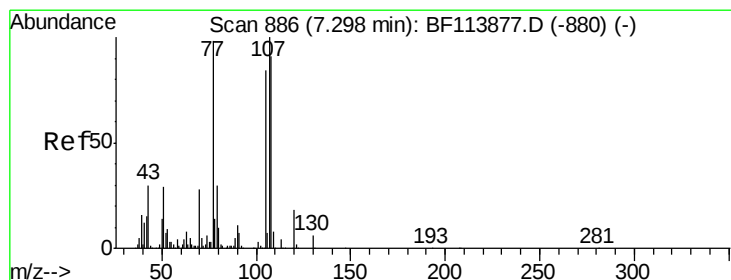
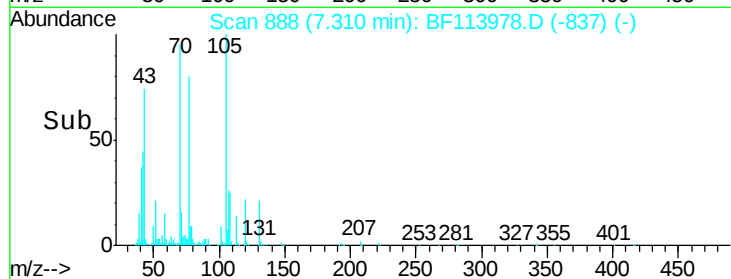
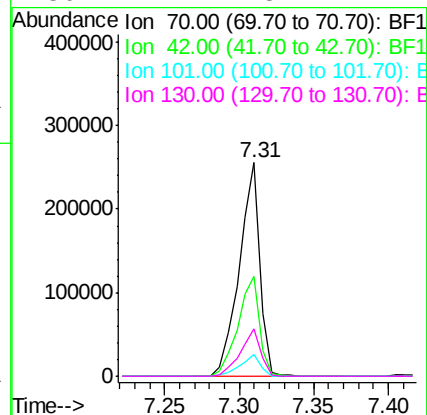
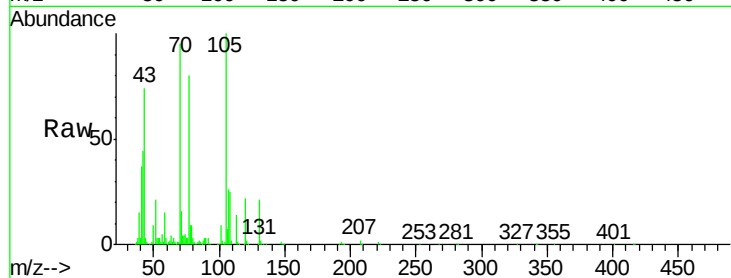




#19
n-Nitroso-di-n-propylamine
Concen: 41.070 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

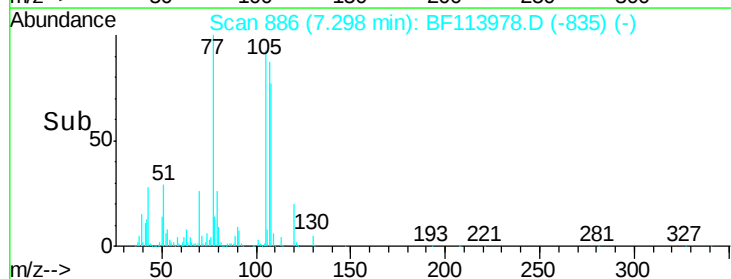
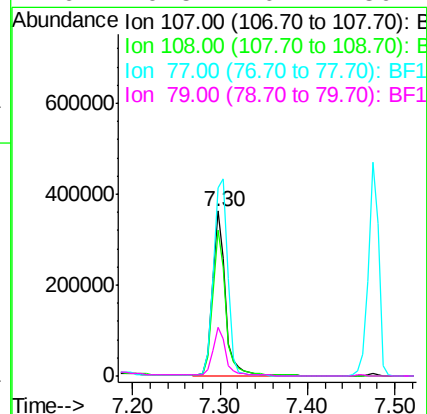
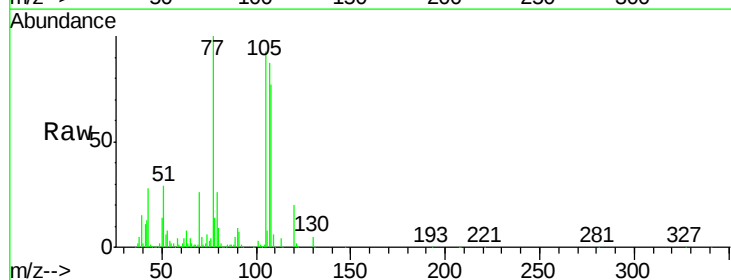
Instrument :
BNA_F
ClientSampleId :

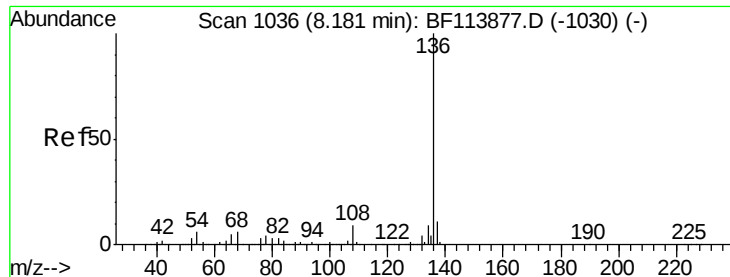
Tot Ion:	70	Resp:	247838
Ion	Ratio	Lower	Upper
70	100		
42	46.5	37.3	55.9
101	10.0	7.8	11.8
130	22.2	18.2	27.2



#20
3+4-Methylphenols
Concen: 44.135 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Tgt Ion:	107	Resp:	370647
Ion	Ratio	Lower	Upper
107	100		
108	88.6	70.1	110.1
77	114.4	52.9	92.9#
79	29.5	10.2	50.2

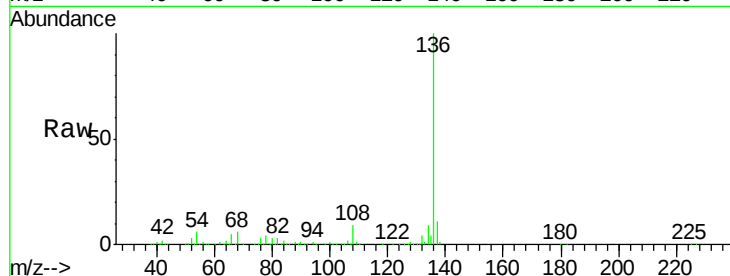




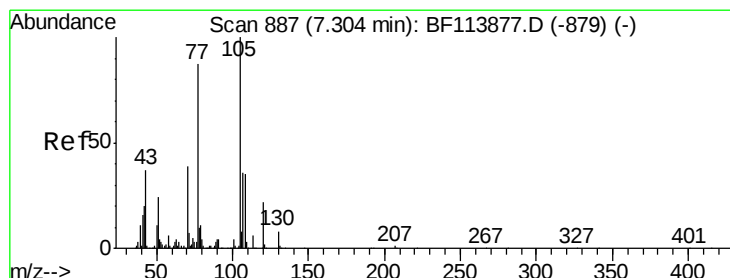
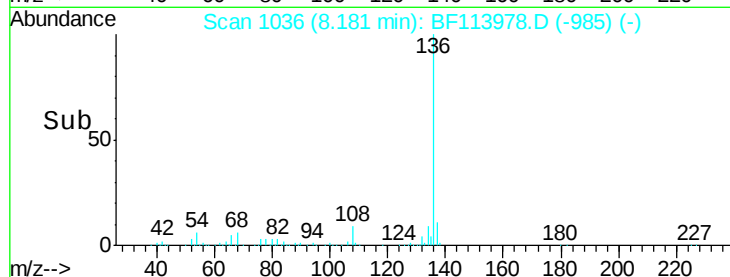
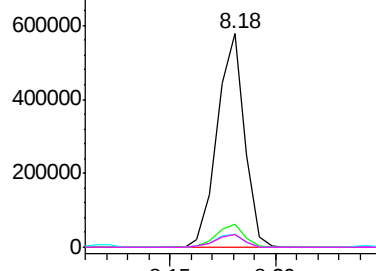
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	517418
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.6 12.8
54	6.0	5.0 7.6
68	5.8	4.9 7.3

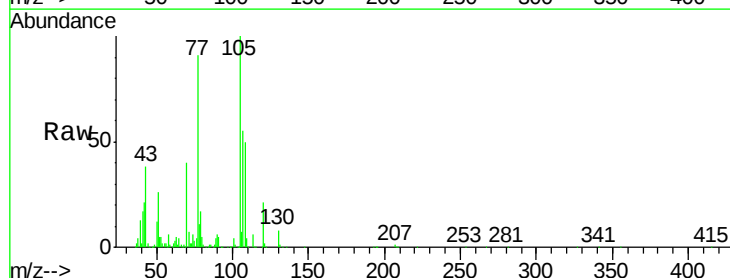


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

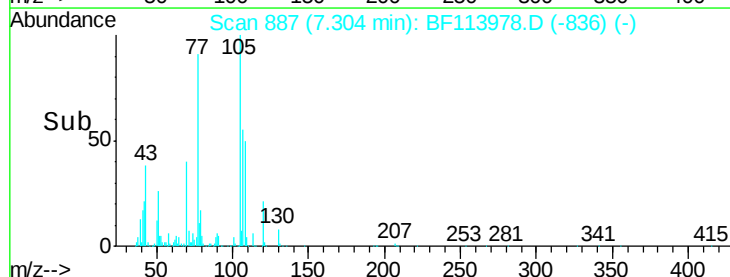
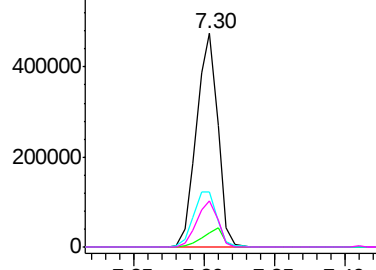


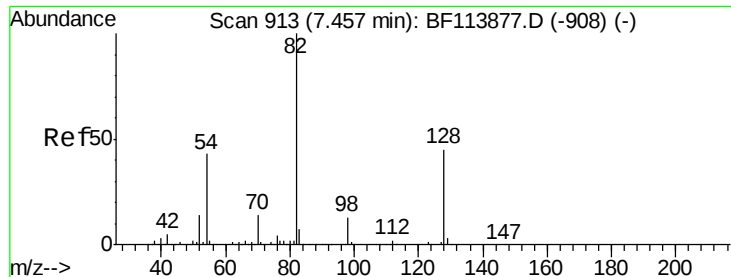
#22
Acetophenone
Concen: 43.275 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Tgt Ion:105	Resp:	498276
Ion Ratio	Lower	Upper
105	100	
71	6.7	6.1 9.1
51	25.7	16.8 25.2#
120	21.4	17.6 26.4



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

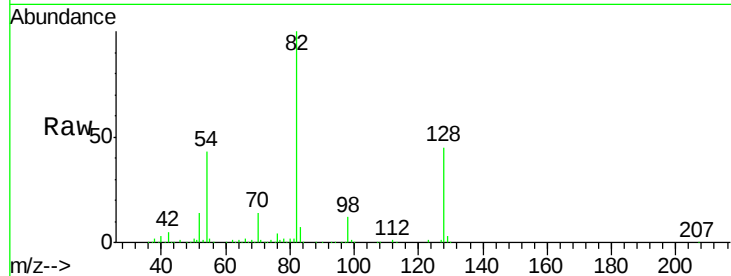




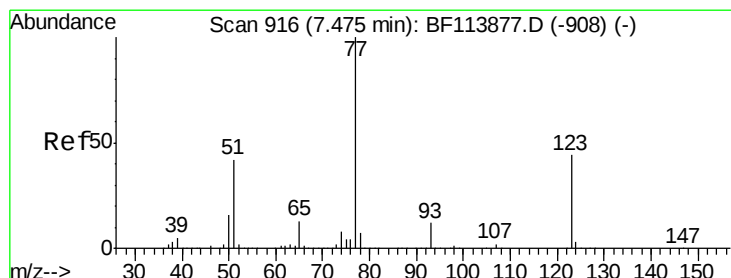
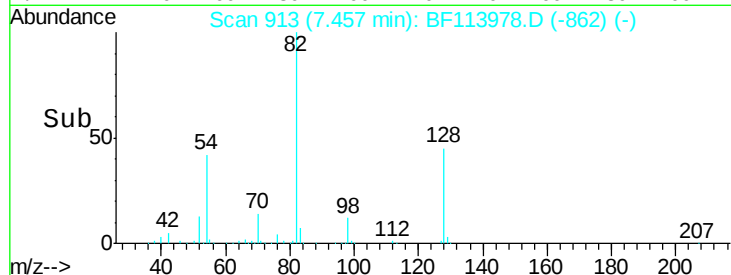
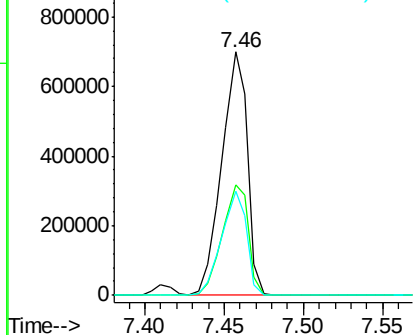
#23
Nitrobenzene-d5
Concen: 93.242 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 781372
Ion Ratio Lower Upper
82 100
128 45.1 36.8 55.2
54 42.8 33.8 50.6

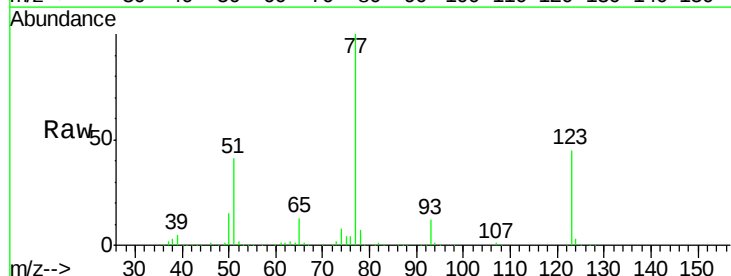


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

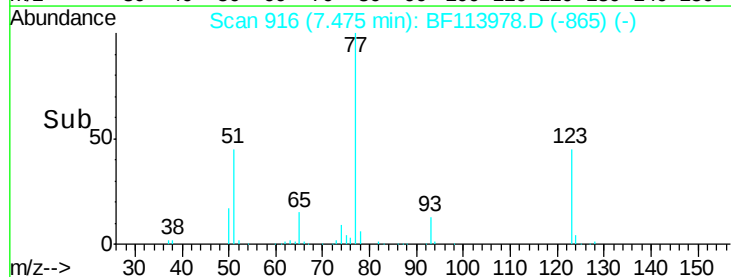
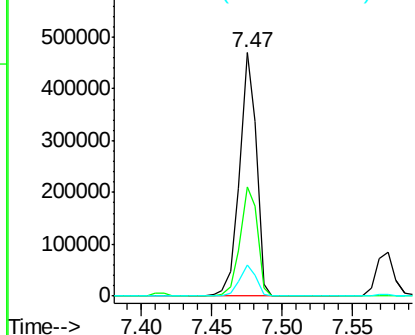


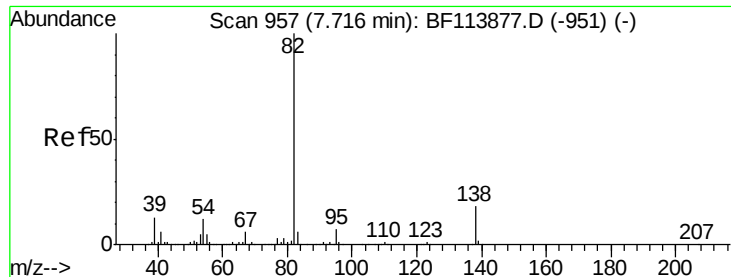
#24
Nitrobenzene
Concen: 41.895 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.00 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Tgt Ion: 77 Resp: 387934
Ion Ratio Lower Upper
77 100
123 44.8 36.3 54.5
65 12.8 10.3 15.5



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: 41.053 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_F

ClientSampleId :

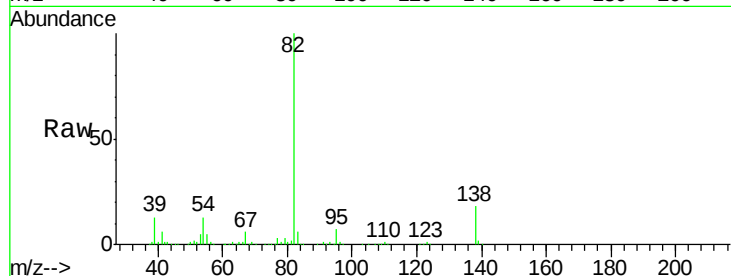
Tot Ion: 82 Resp: 703927

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

138 18.4 14.6 22.0



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

7.72

800000

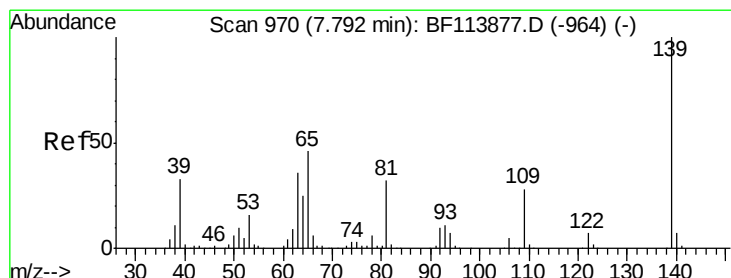
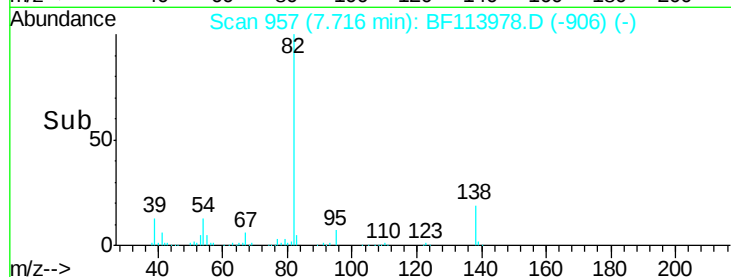
600000

400000

200000

0

Time-->



#26

2-Nitrophenol

Concen: 46.333 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

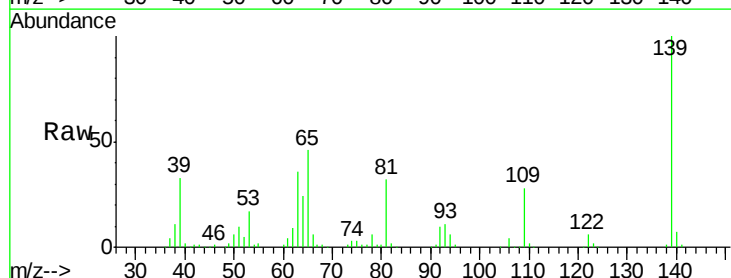
Tgt Ion: 139 Resp: 195725

Ion Ratio Lower Upper

139 100

109 27.6 20.6 31.0

65 46.4 34.6 52.0



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

7.79

300000

250000

200000

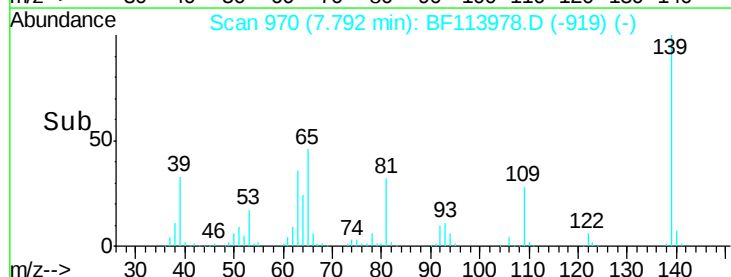
150000

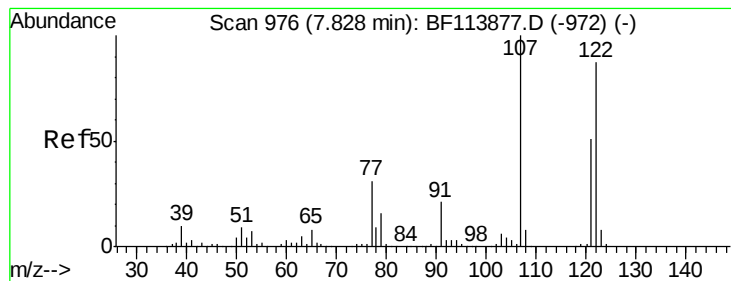
100000

50000

0

Time-->





#27

2,4-Dimethylphenol

Concen: 44.401 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_F

ClientSampled :

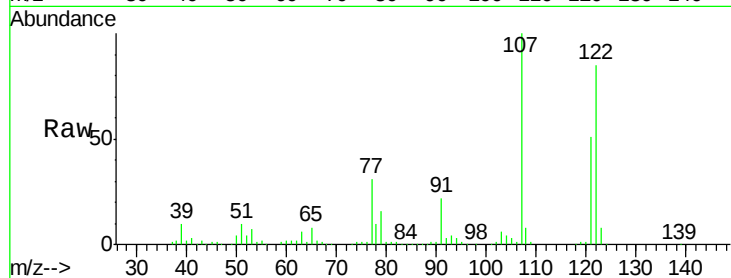
Tot Ion:122 Resp: 305590

Ion Ratio Lower Upper

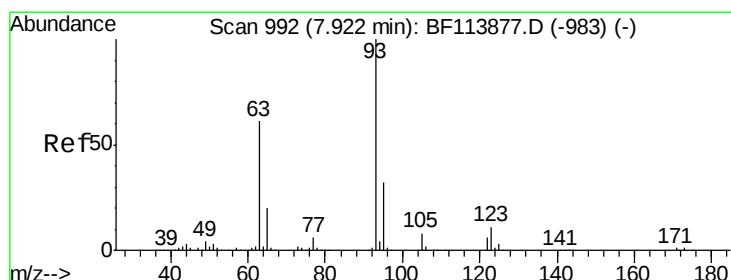
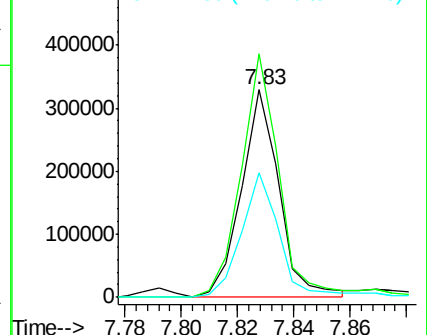
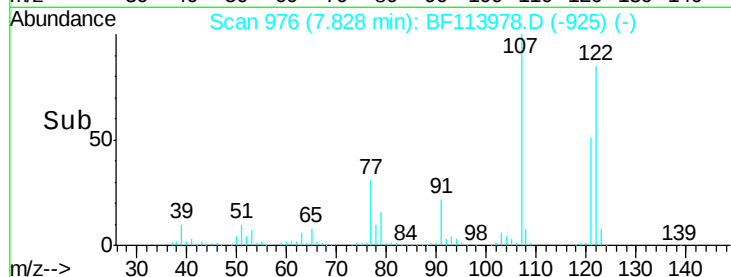
122 100

107 117.3 91.2 136.8

121 59.8 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.514 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

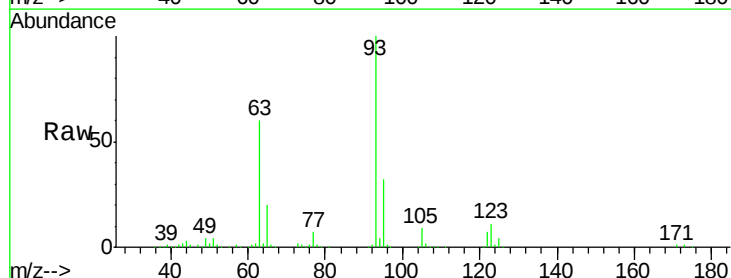
Tgt Ion: 93 Resp: 431749

Ion Ratio Lower Upper

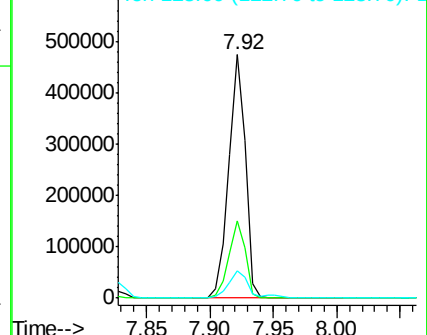
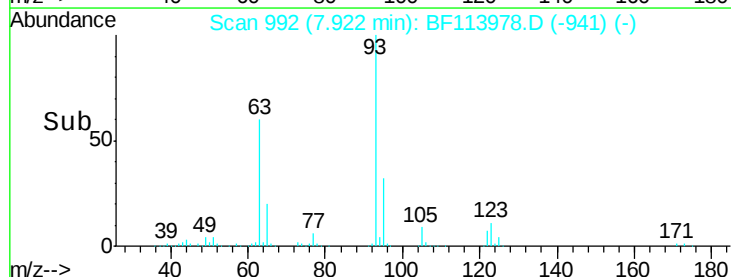
93 100

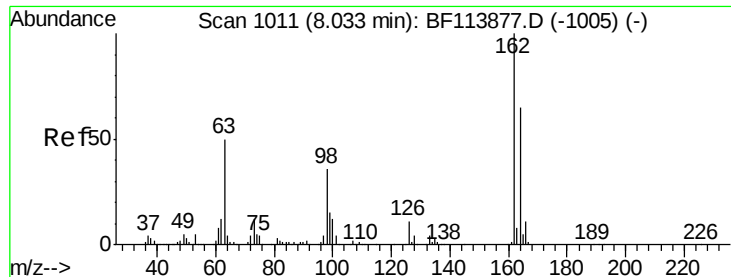
95 31.6 25.8 38.6

123 11.1 9.0 13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1





#29

2,4-Dichlorophenol

Concen: 42.095 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_F

ClientSampleId :

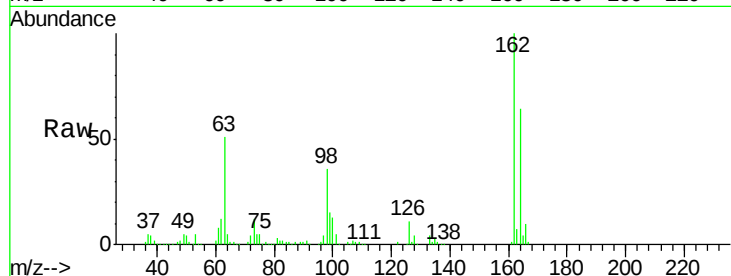
Tot Ion:162 Resp: 331304

Ion Ratio Lower Upper

162 100

164 64.1 43.7 83.7

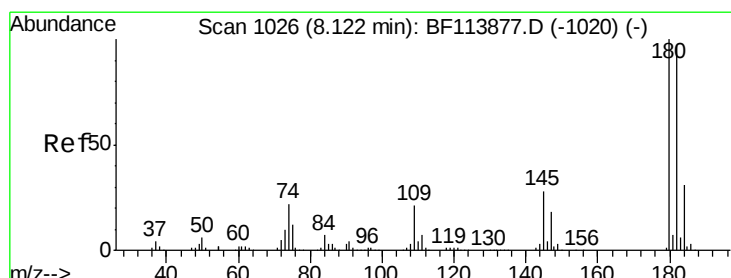
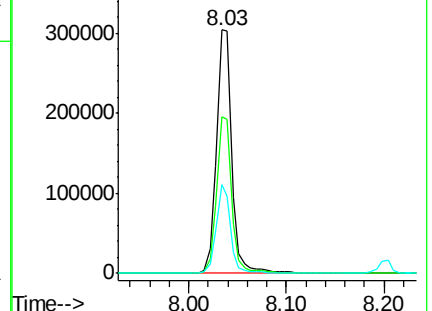
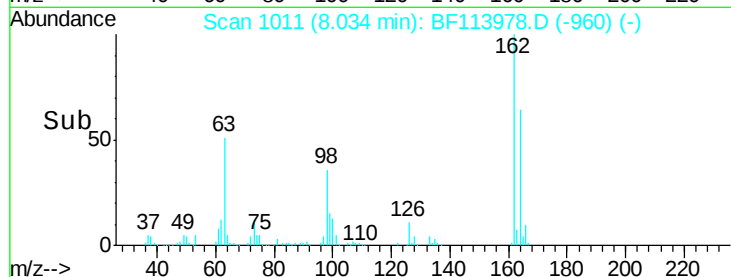
98 36.5 15.5 55.5



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: 41.299 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

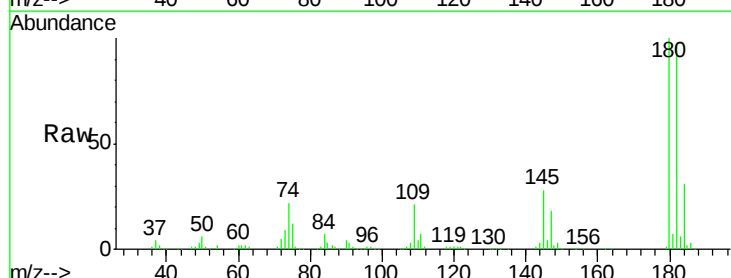
Tgt Ion:180 Resp: 362419

Ion Ratio Lower Upper

180 100

182 96.5 75.4 113.0

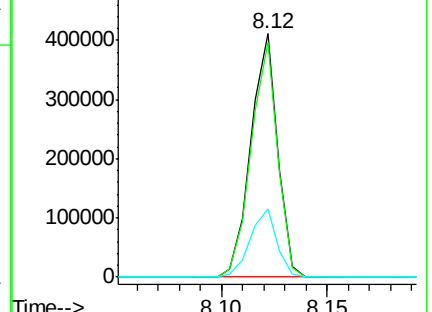
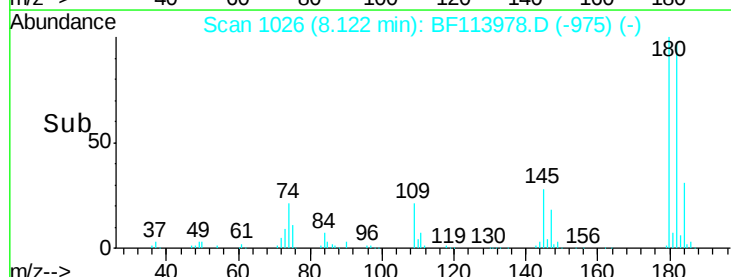
145 27.9 23.0 34.4

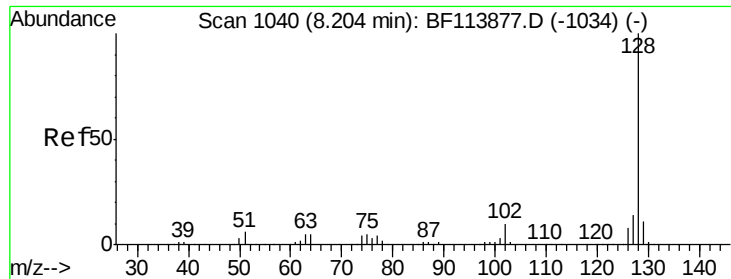


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

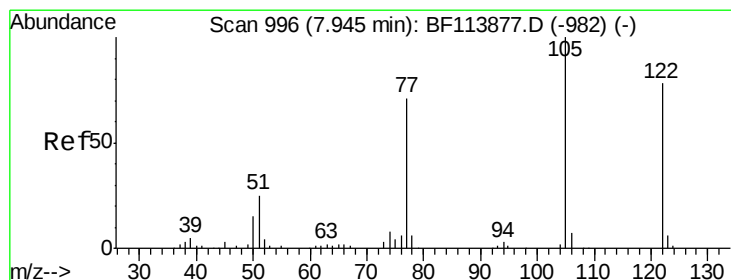
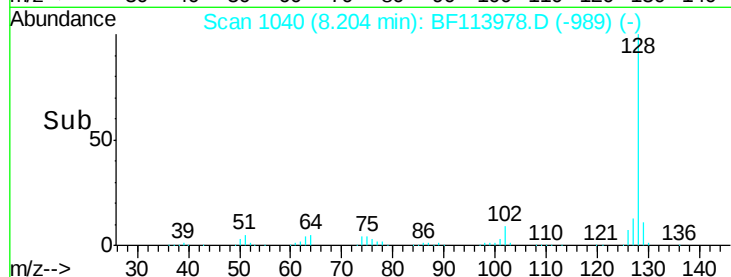
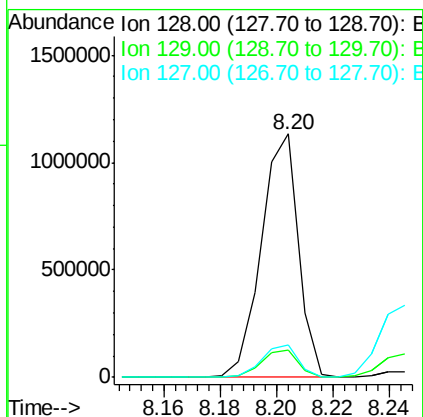
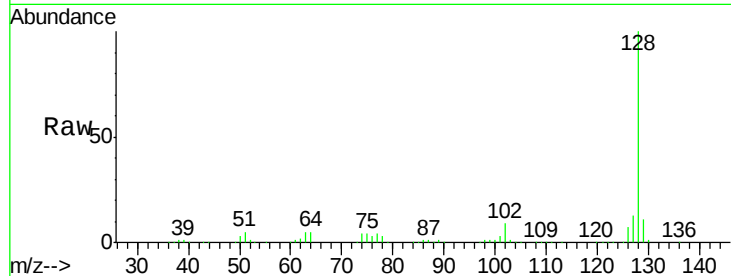




#31
Naphthalene
Concen: 42.075 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

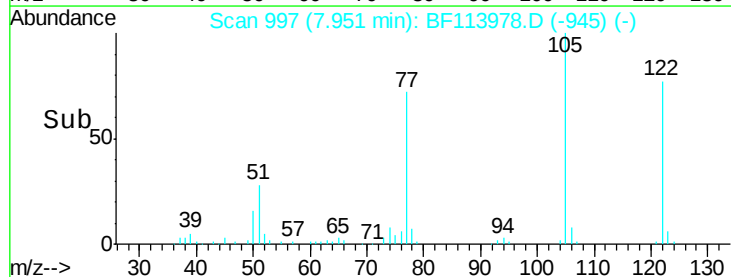
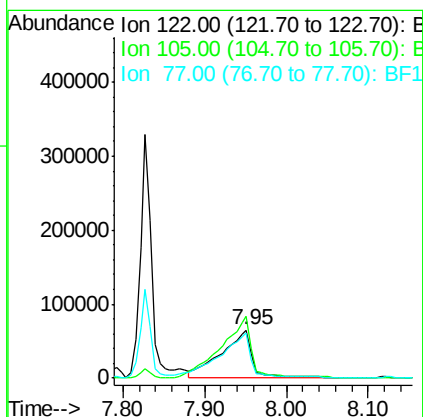
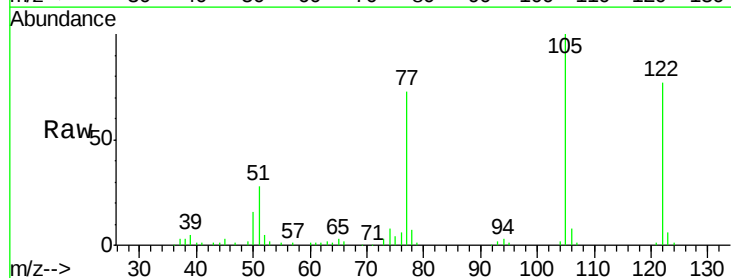
Instrument :
BNA_F
ClientSampleId :

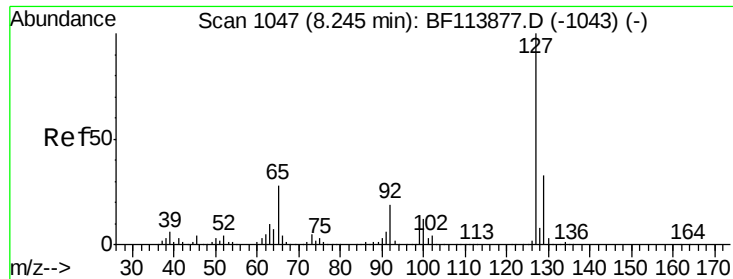
Tot Ion:128 Resp: 1034203
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.0
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 36.342 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.01 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Tgt Ion:122 Resp: 168911
Ion Ratio Lower Upper
122 100
105 130.1 104.3 144.3
77 95.1 70.4 110.4

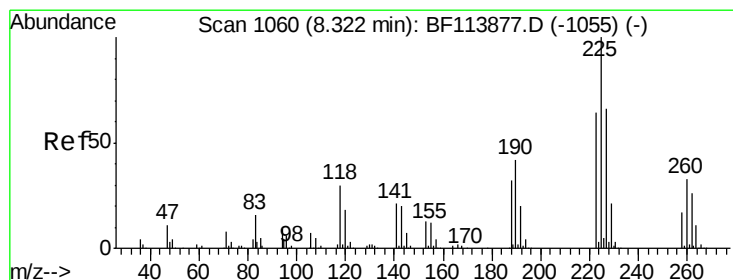
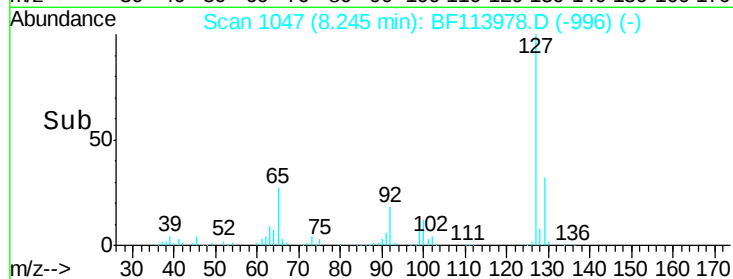
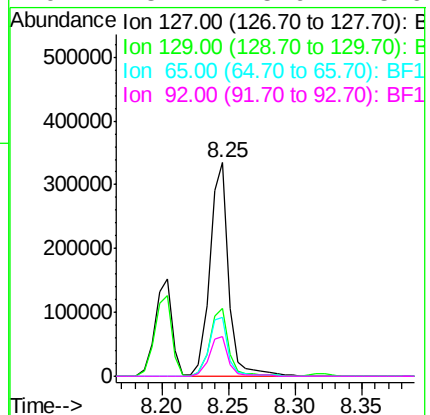
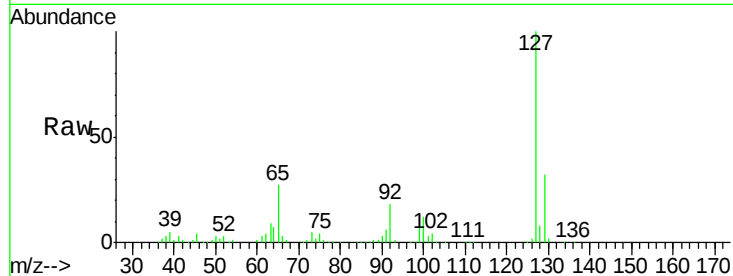




#33
 4-Chloroaniline
 Concen: 31.368 ng
 RT: 8.25 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BF113978.D
 Acq: 25 Apr 2019 15:38

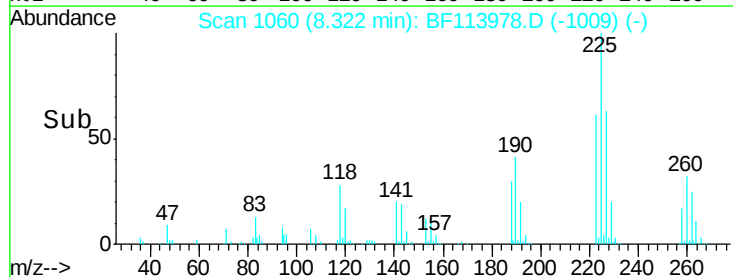
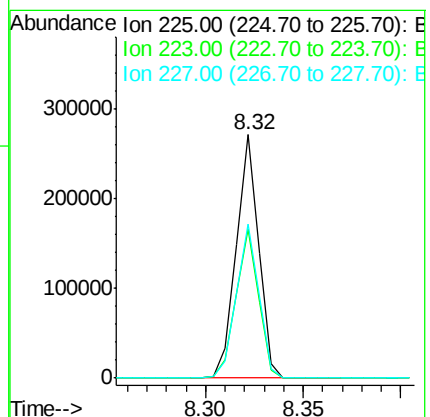
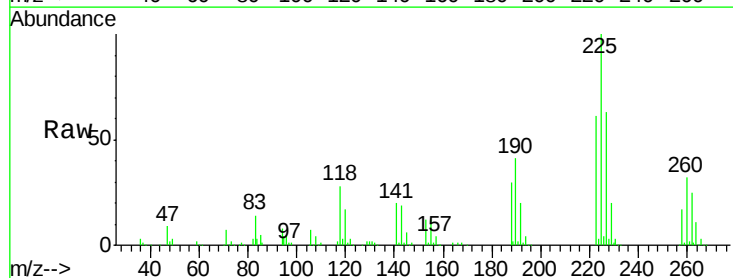
Instrument :
 BNA_F
 ClientSampled :

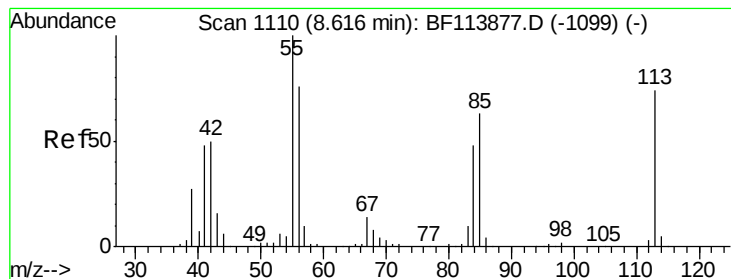
Tot Ion:	127	Resp:	326253
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.4	39.6
65	27.3	24.9	37.3
92	18.4	15.9	23.9



#34
 Hexachlorobutadiene
 Concen: 39.669 ng
 RT: 8.32 min Scan# 1060
 Delta R.T. 0.00 min
 Lab File: BF113978.D
 Acq: 25 Apr 2019 15:38

Tgt Ion:	225	Resp:	217009
Ion	Ratio	Lower	Upper
225	100		
223	61.3	51.1	76.7
227	63.4	49.9	74.9





#35

Caprolactam

Concen: 28.862 ng

RT: 8.61 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_F

ClientSampleId :

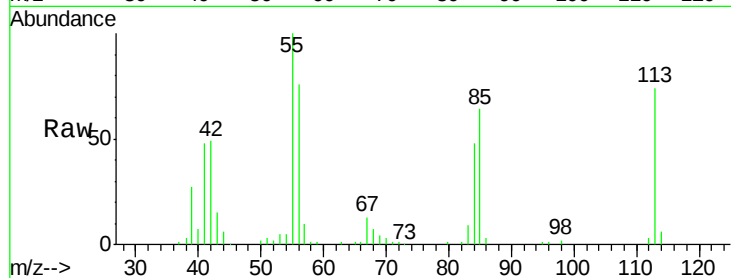
Tot Ion:113 Resp: 72259

Ion Ratio Lower Upper

113 100

55 135.0 128.6 168.6

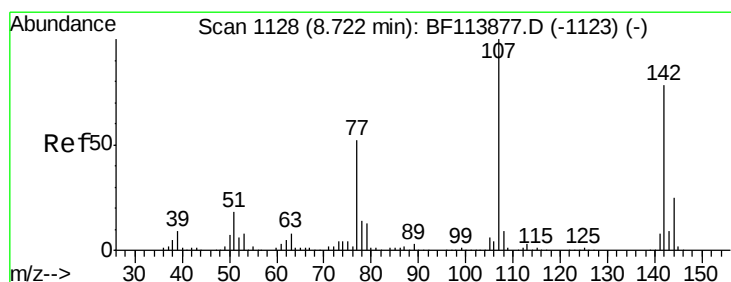
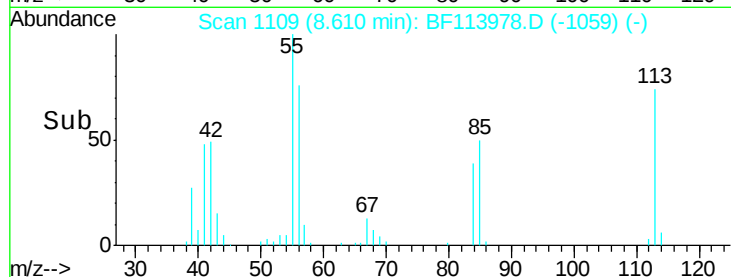
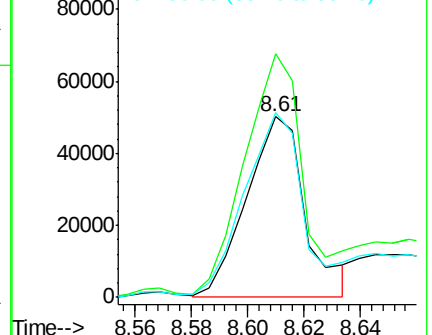
56 102.8 91.9 131.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 42.529 ng

RT: 8.73 min Scan# 1129

Delta R.T. 0.01 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

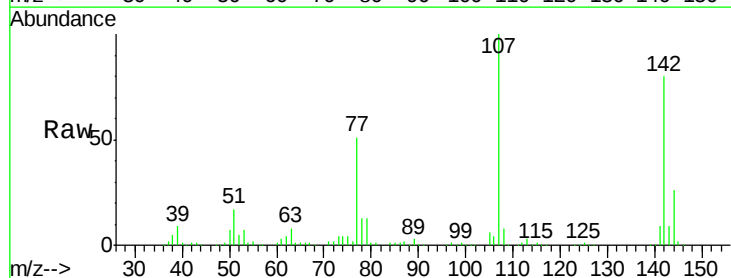
Tgt Ion:107 Resp: 331615

Ion Ratio Lower Upper

107 100

144 25.9 20.5 30.7

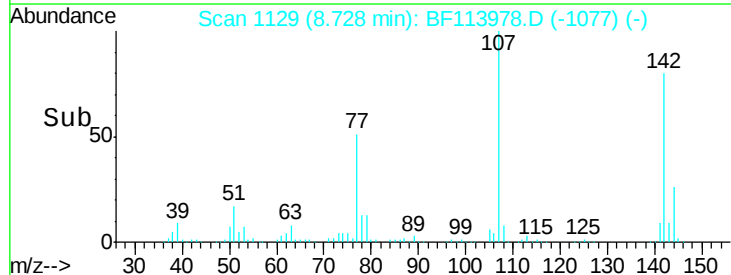
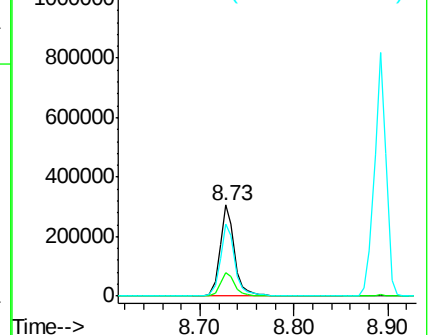
142 79.7 64.2 96.4

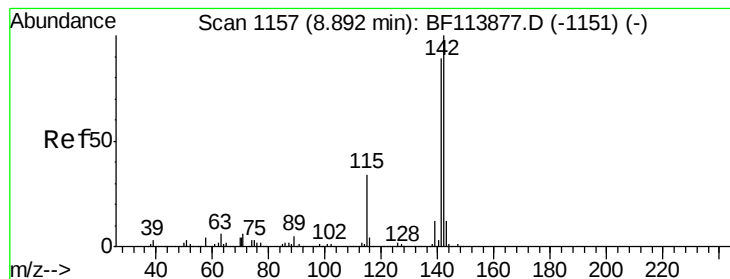


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.103 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_F

ClientSampleId :

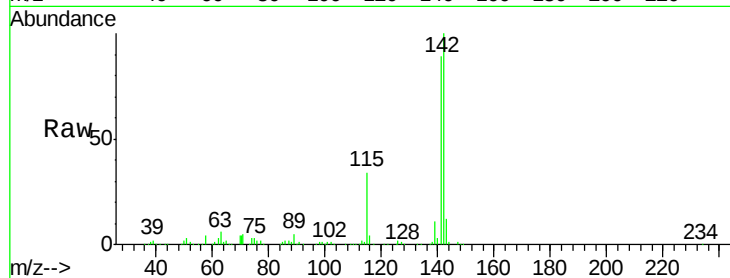
Tot Ion:142 Resp: 714454

Ion Ratio Lower Upper

142 100

141 88.9 70.4 105.6

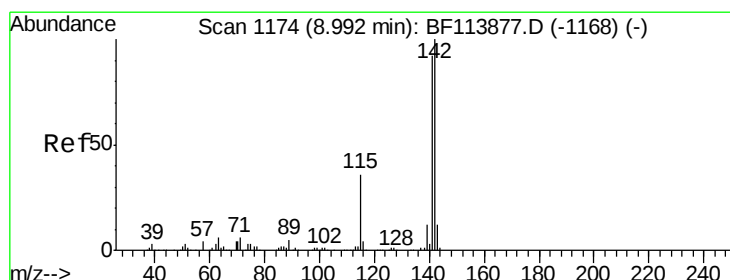
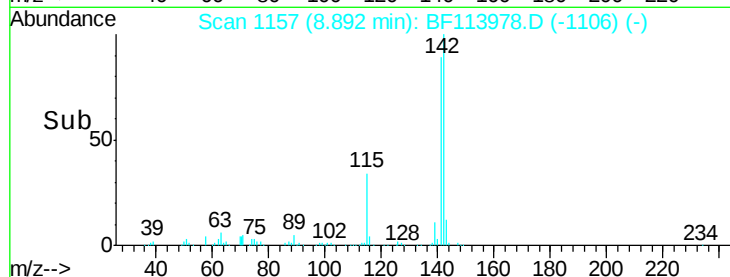
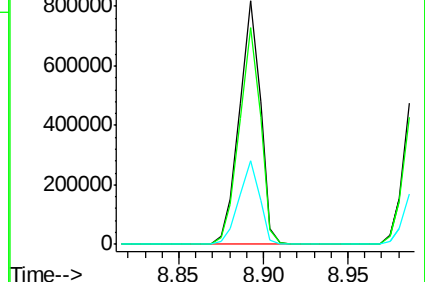
115 34.2 26.3 39.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.256 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

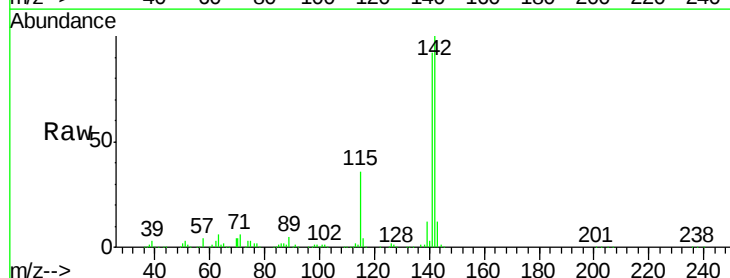
Tgt Ion:142 Resp: 676021

Ion Ratio Lower Upper

142 100

141 92.0 72.3 108.5

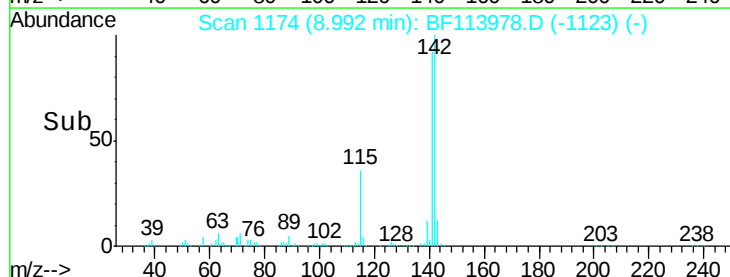
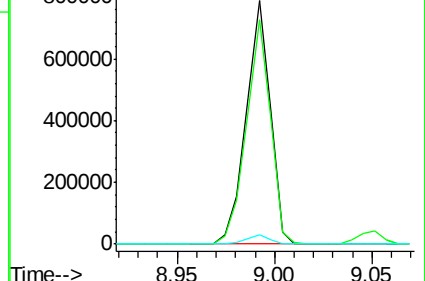
116 3.7 3.0 4.4

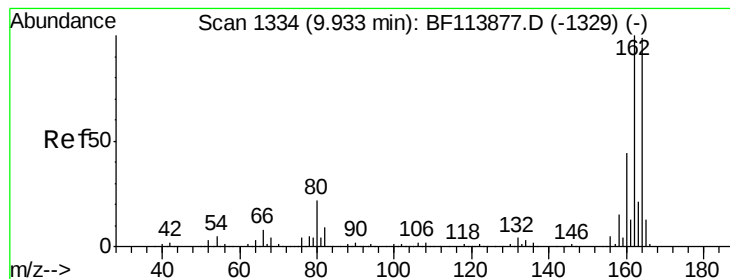


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_F

ClientSampleId :

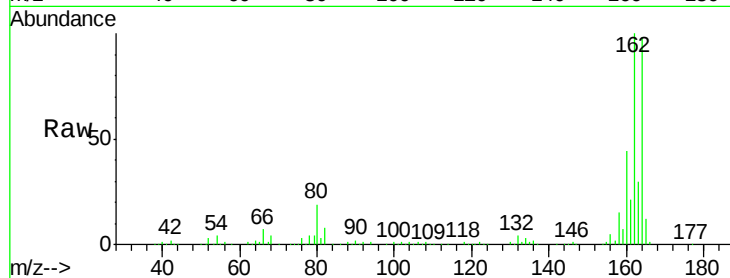
Tot Ion:164 Resp: 278124

Ion Ratio Lower Upper

164 100

162 102.3 81.1 121.7

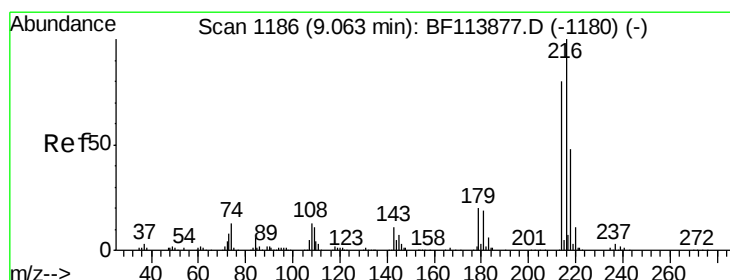
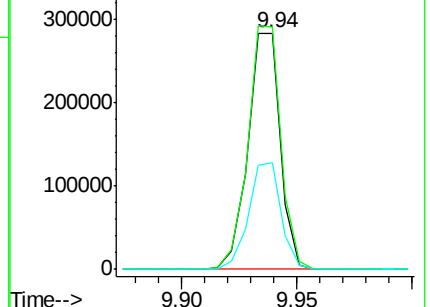
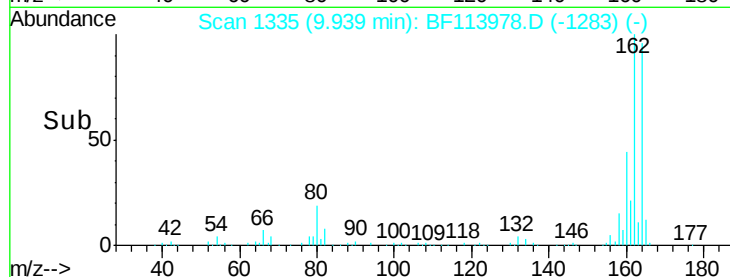
160 45.2 35.8 53.6



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: 40.828 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Tgt Ion:216 Resp: 368855

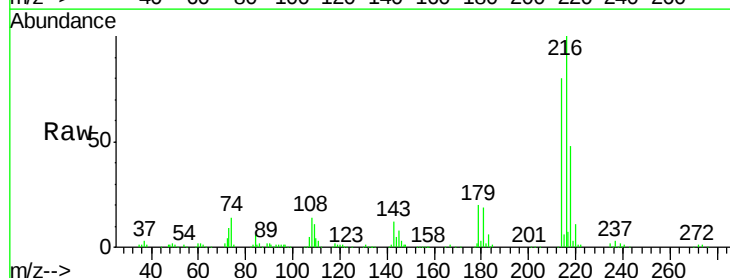
Ion Ratio Lower Upper

216 100

214 79.5 63.5 95.3

179 20.6 16.1 24.1

108 17.3 13.4 20.0

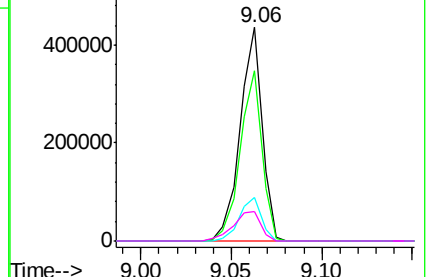
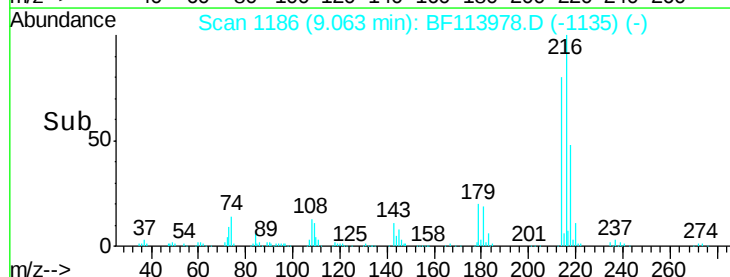


Abundance Ion 216.00 (215.70 to 216.70): E

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: 71.182 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_F

ClientSampleId :

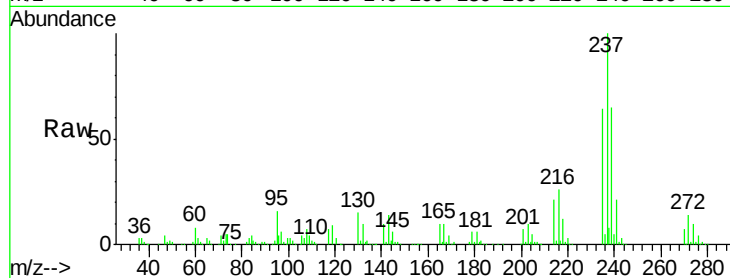
Tot Ion:237 Resp: 358609

Ion Ratio Lower Upper

237 100

235 63.9 42.6 82.6

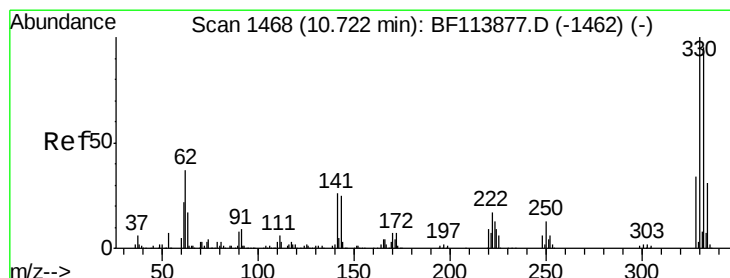
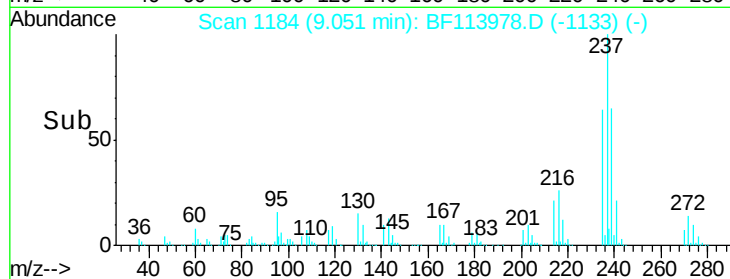
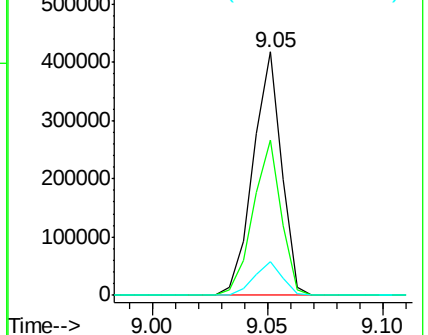
272 13.6 0.0 33.8



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: 131.859 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

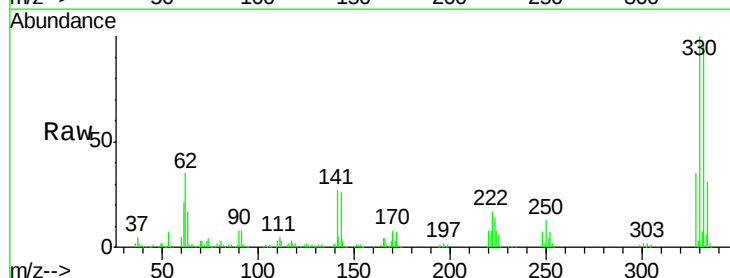
Tgt Ion:330 Resp: 446755

Ion Ratio Lower Upper

330 100

332 96.7 77.5 116.3

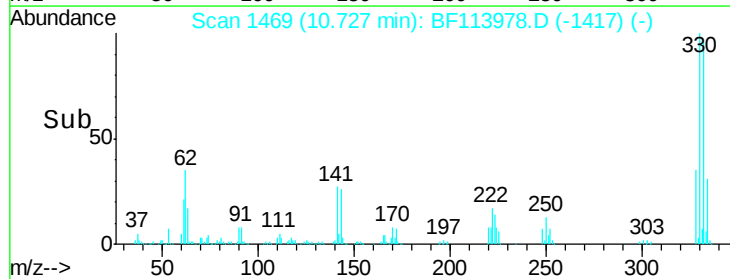
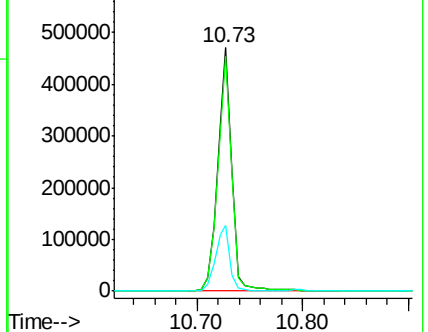
141 27.5 22.2 33.2

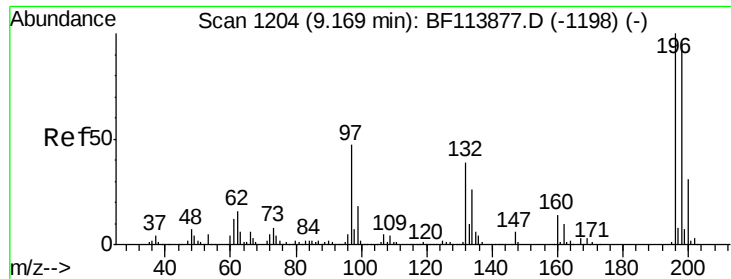


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

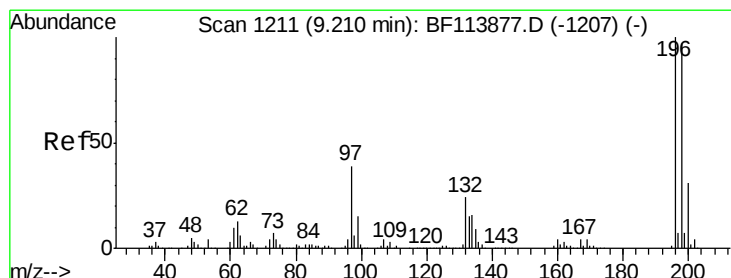
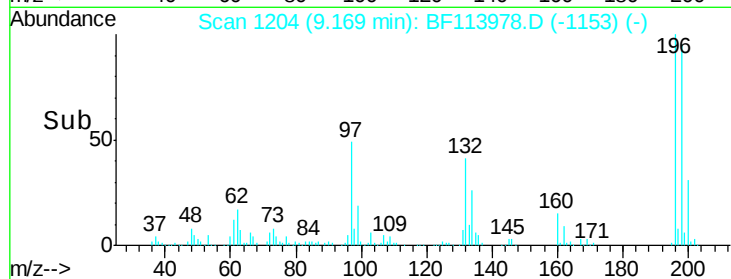
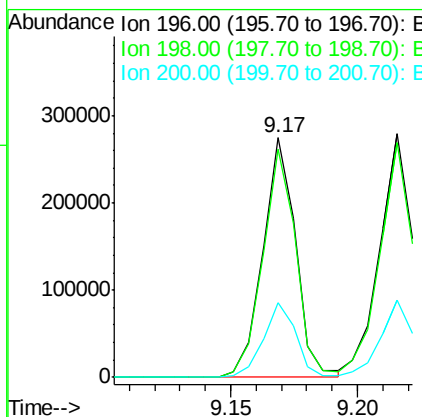
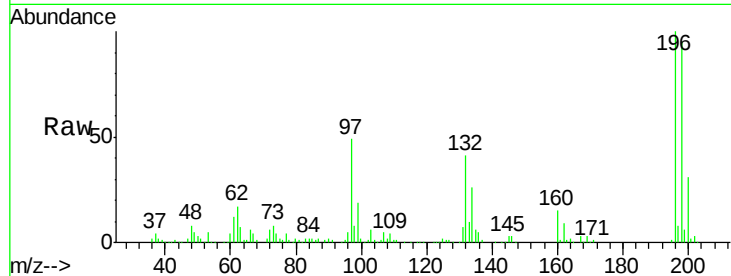




#43
 2,4,6-Trichlorophenol
 Concen: 43.437 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF113978.D
 Acq: 25 Apr 2019 15:38

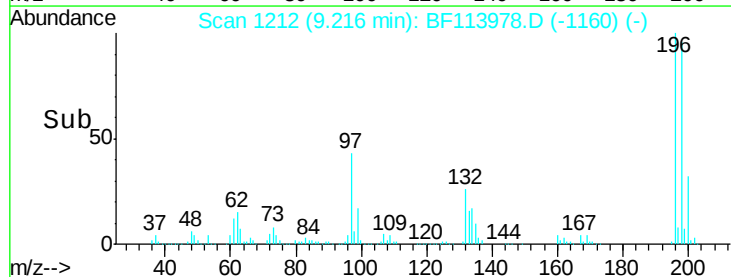
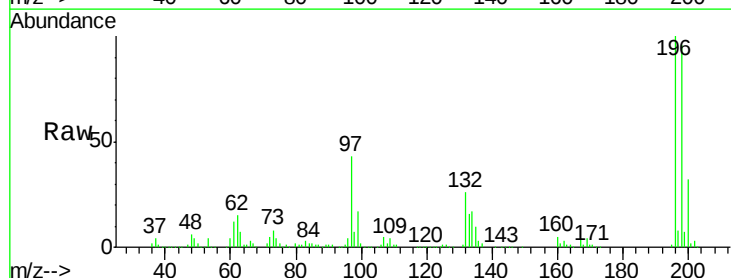
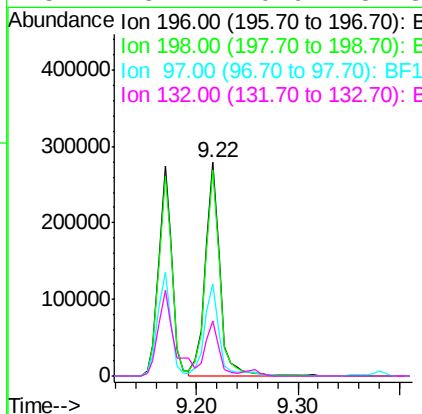
Instrument :
 BNA_F
 ClientSampled :

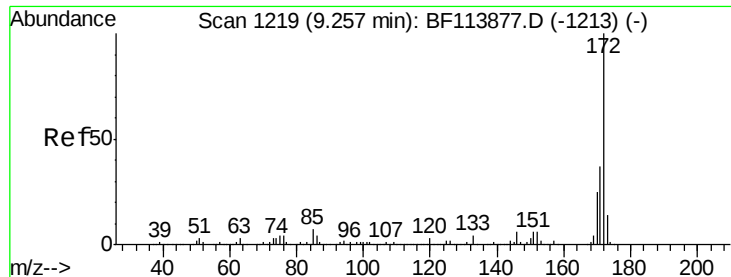
Tot Ion	196	Resp	249190
Ion Ratio	100	Lower	Upper
196	100		
198	95.1	75.6	113.4
200	31.1	24.7	37.1



#44
 2,4,5-Trichlorophenol
 Concen: 42.677 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.01 min
 Lab File: BF113978.D
 Acq: 25 Apr 2019 15:38

Tgt Ion	196	Resp	274612
Ion Ratio	100	Lower	Upper
196	100		
198	96.4	76.2	114.4
97	42.9	35.8	53.8
132	25.7	20.9	31.3

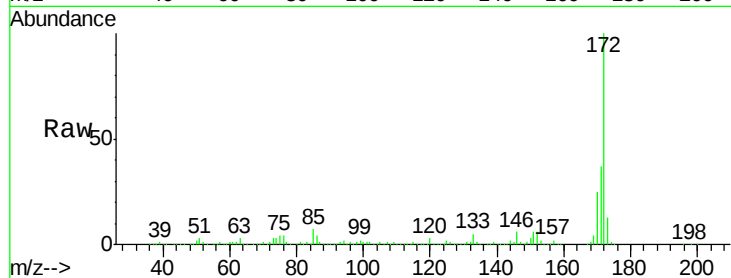




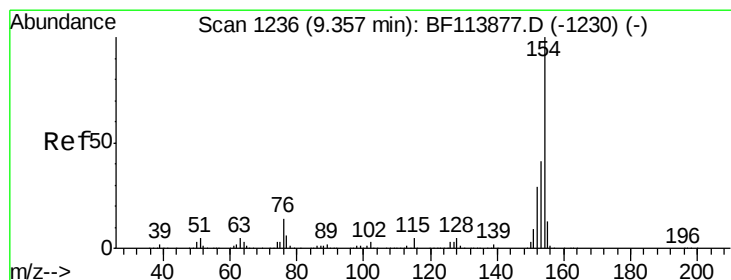
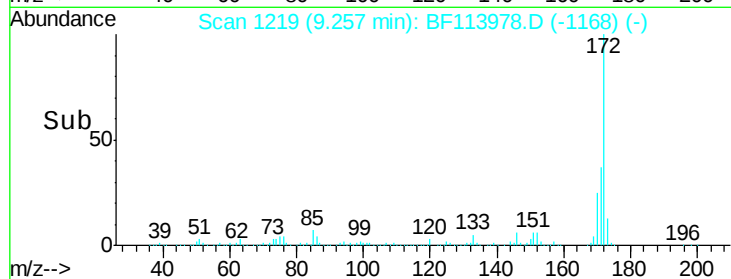
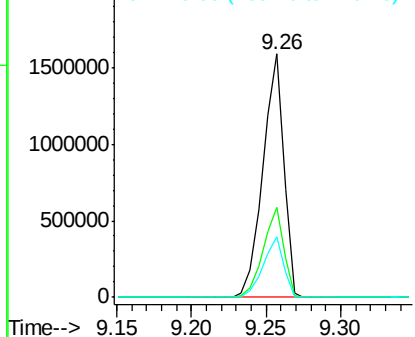
#45
2-Fluorobiphenyl
Concen: 85.336 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1517490
Ion Ratio Lower Upper
172 100
171 37.0 29.4 44.0
170 24.9 19.9 29.9

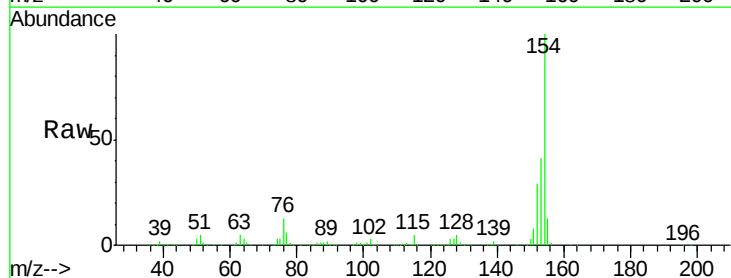


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

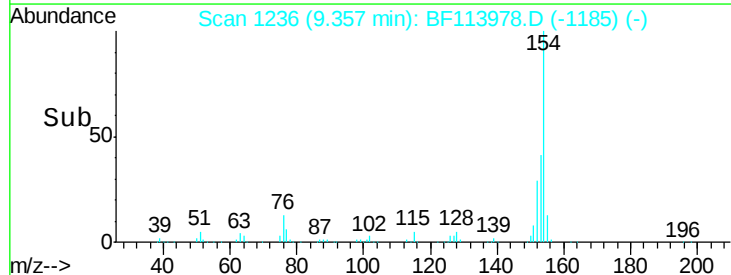
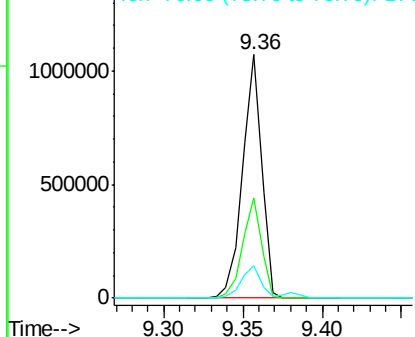


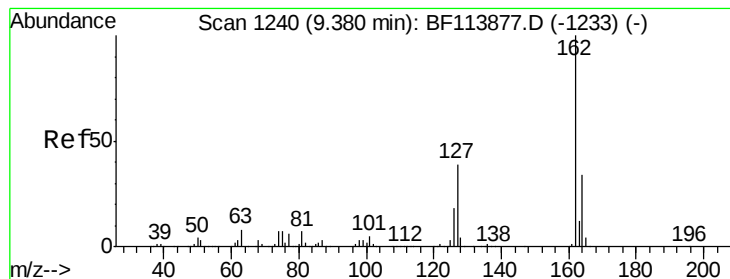
#46
1,1'-Biphenyl
Concen: 41.979 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Tgt Ion:154 Resp: 891909
Ion Ratio Lower Upper
154 100
153 41.0 20.8 60.8
76 13.1 0.0 35.2



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





#47

2-Chloronaphthalene

Concen: 42.056 ng

RT: 9.38 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_F

ClientSampleId :

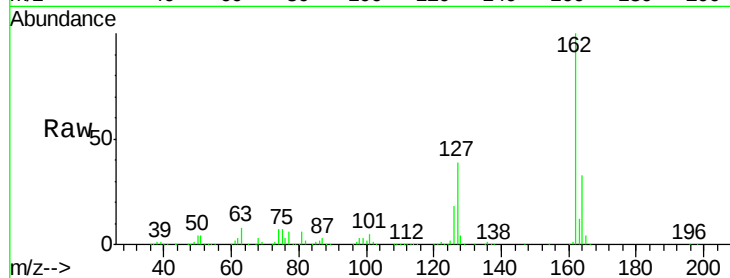
Tot Ion:162 Resp: 726644

Ion Ratio Lower Upper

162 100

127 38.9 29.3 43.9

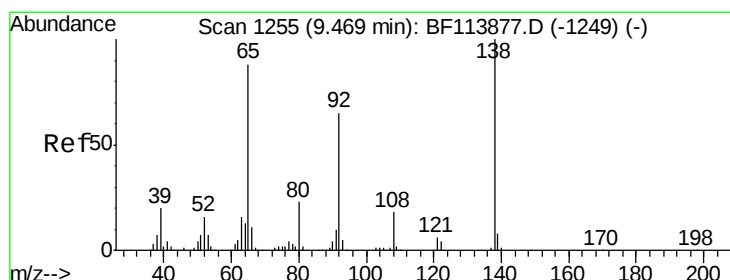
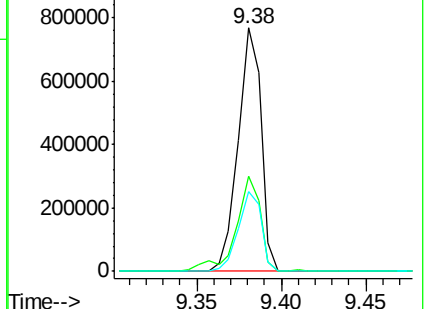
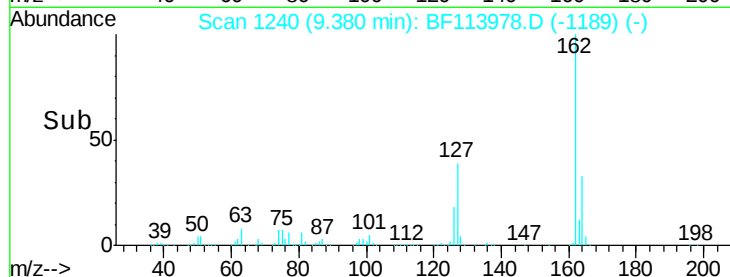
164 32.6 27.1 40.7



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: 45.433 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

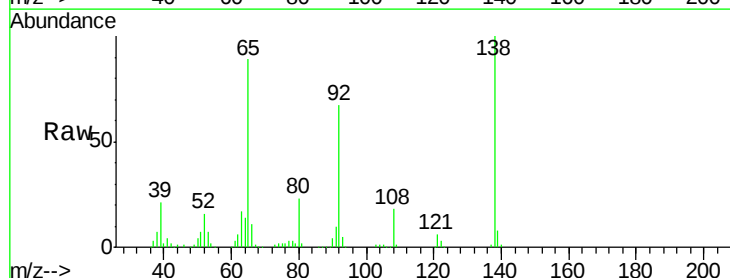
Tgt Ion: 65 Resp: 205784

Ion Ratio Lower Upper

65 100

92 76.0 57.4 86.0

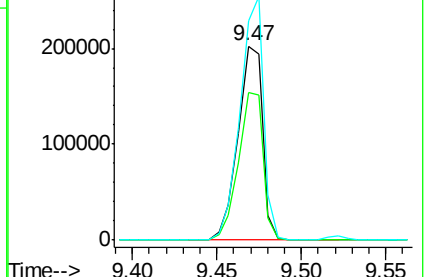
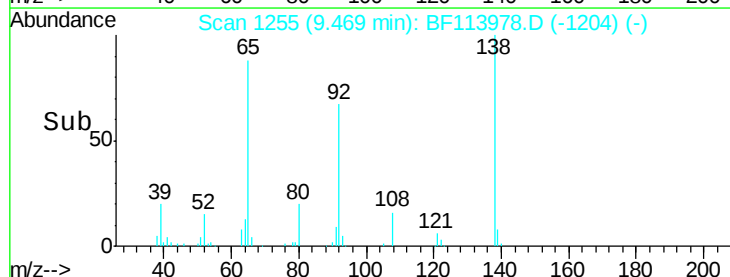
138 112.7 85.4 128.0

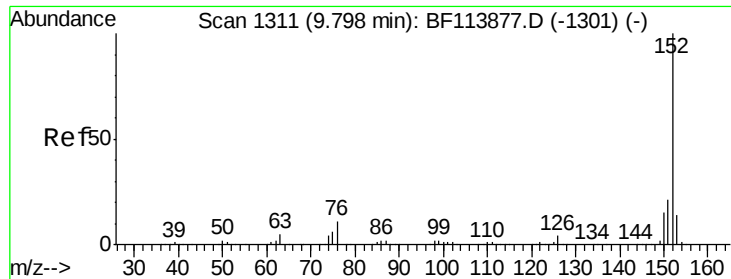


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#49

Acenaphthylene

Concen: 41.177 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_F

ClientSampleId :

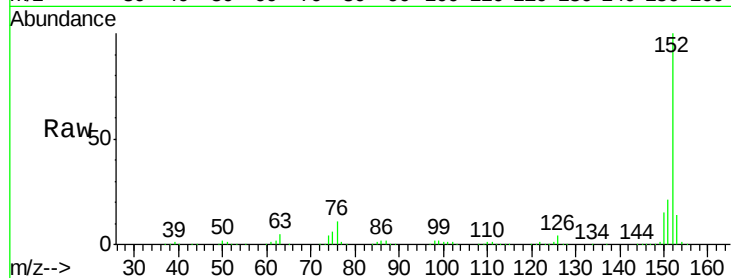
Tot Ion:152 Resp: 1113822

Ion Ratio Lower Upper

152 100

151 20.5 17.0 25.4

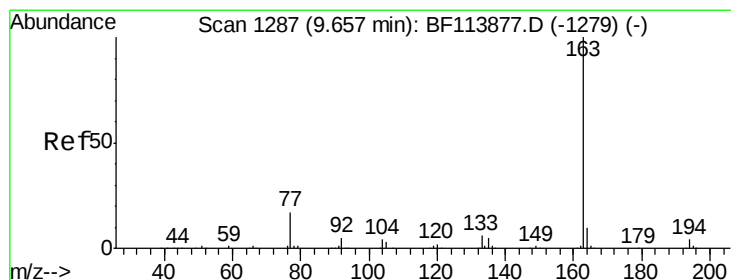
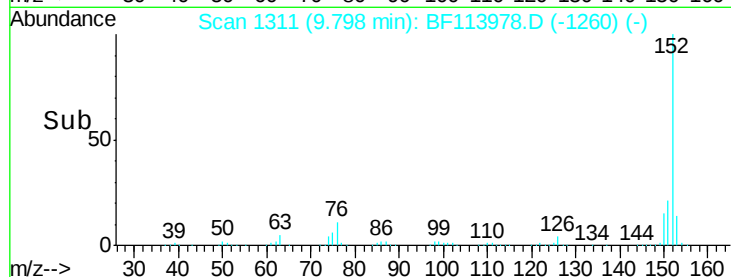
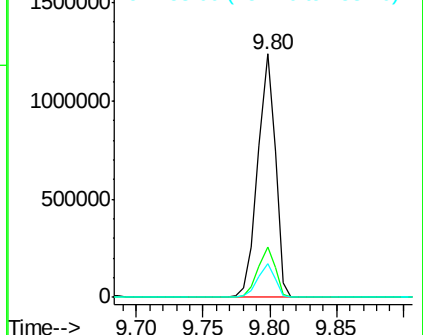
153 13.7 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.476 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

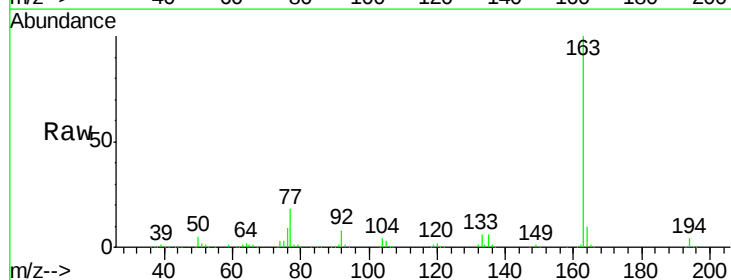
Tgt Ion:163 Resp: 854382

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

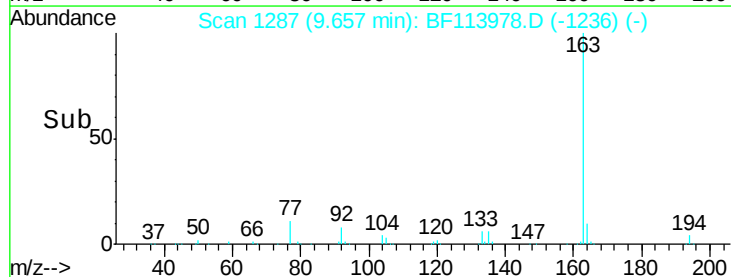
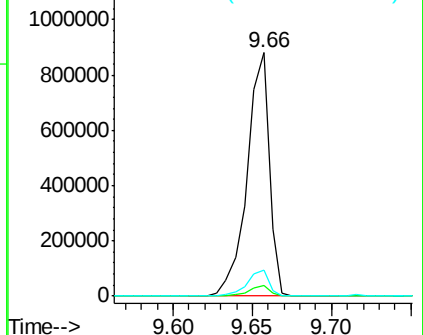
164 10.4 8.5 12.7

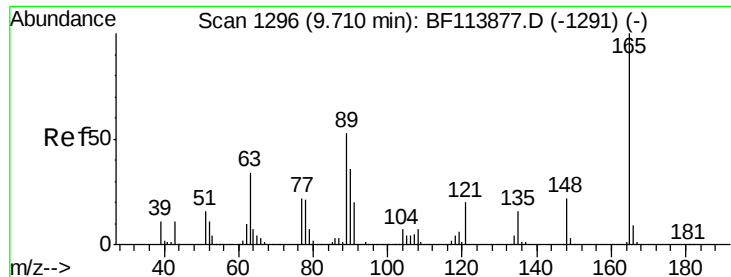


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

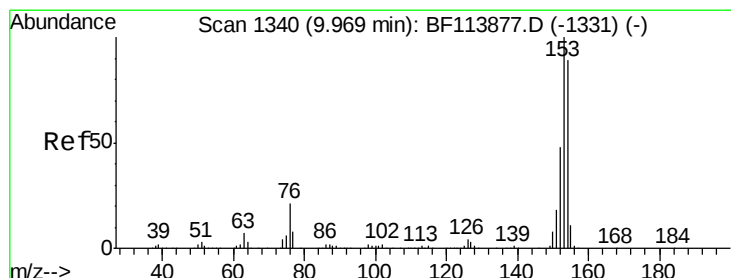
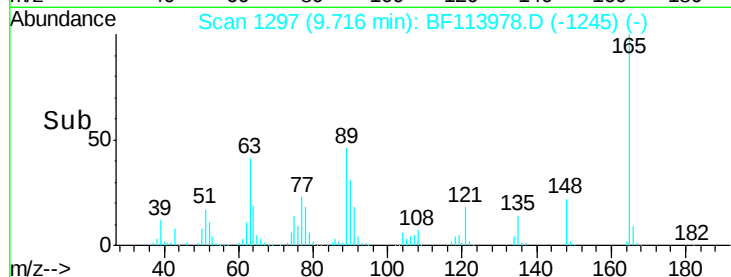
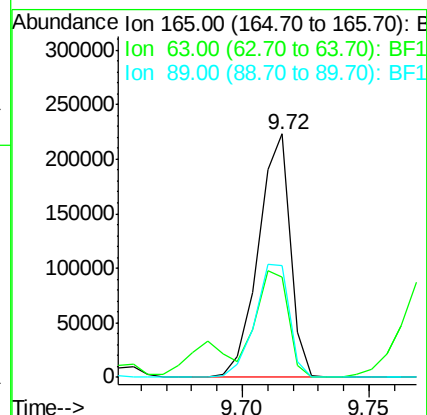
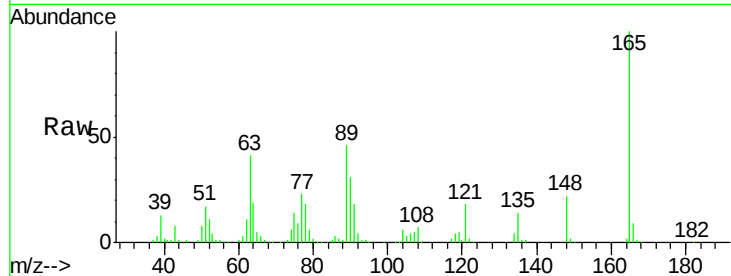




#51
 2,6-Dinitrotoluene
 Concen: 45.597 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.01 min
 Lab File: BF113978.D
 Acq: 25 Apr 2019 15:38

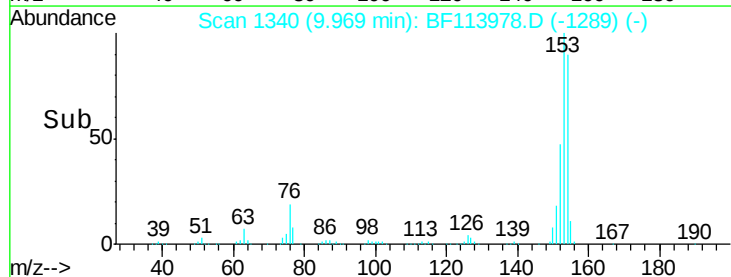
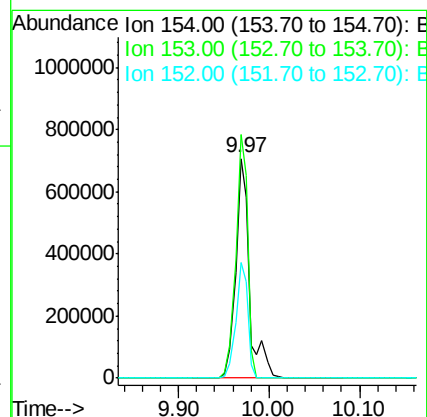
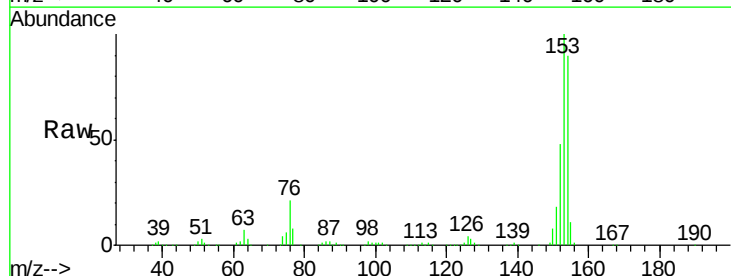
Instrument :
 BNA_F
 ClientSampled :

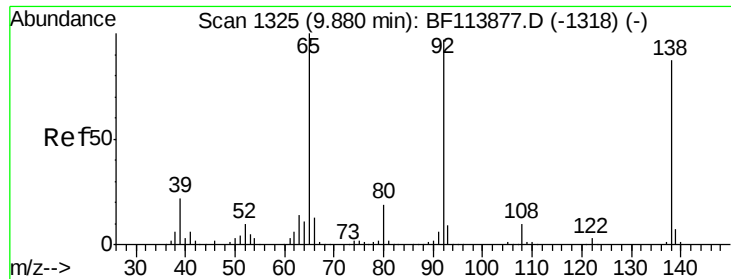
Tot Ion	Ratio	Lower	Upper
165	100		
63	41.1	33.8	50.8
89	45.9	38.2	57.2



#52
 Acenaphthene
 Concen: 46.769 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF113978.D
 Acq: 25 Apr 2019 15:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.9	87.2	130.8
152	52.7	42.3	63.5

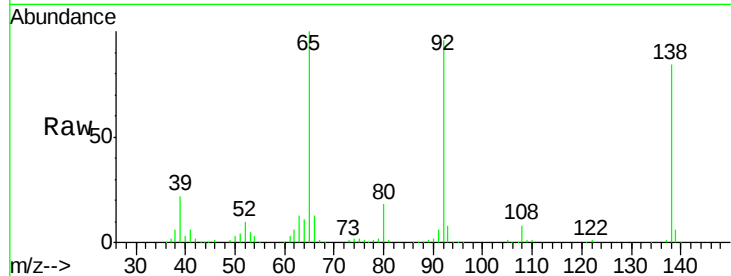




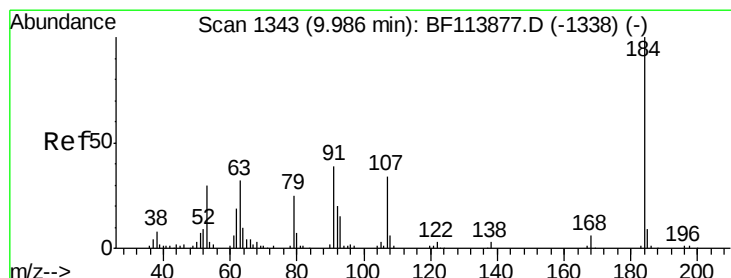
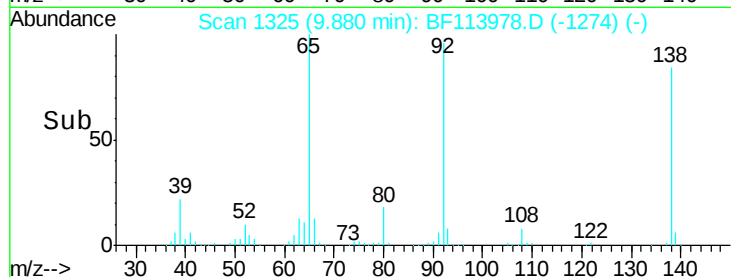
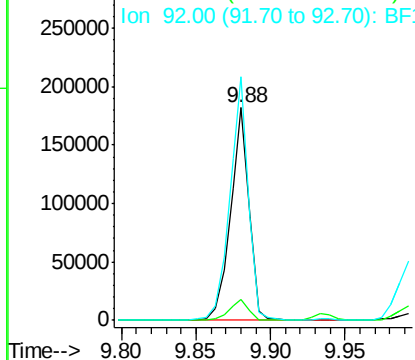
#53
3-Nitroaniline
Concen: 35.221 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 159715
Ion Ratio Lower Upper
138 100
108 10.0 9.4 14.2
92 114.7 94.1 141.1

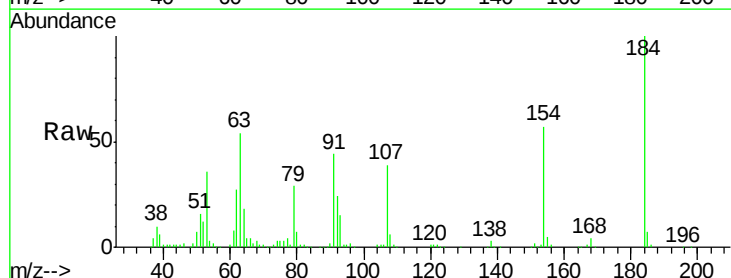


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

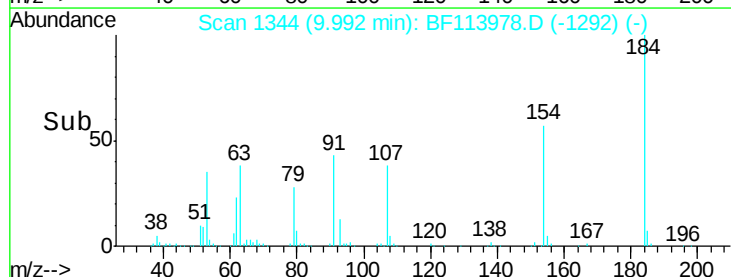
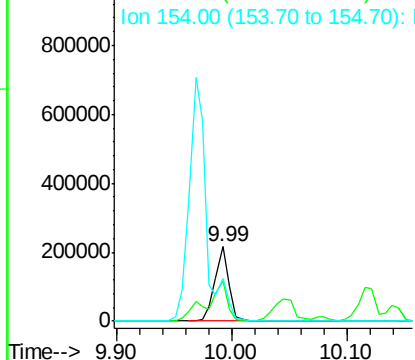


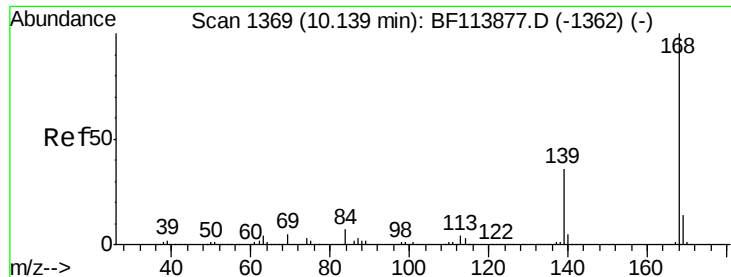
#54
2,4-Dinitrophenol
Concen: 96.551 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Tgt Ion:184 Resp: 183850
Ion Ratio Lower Upper
184 100
63 53.8 54.6 81.8#
154 57.2 218.6 328.0#



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

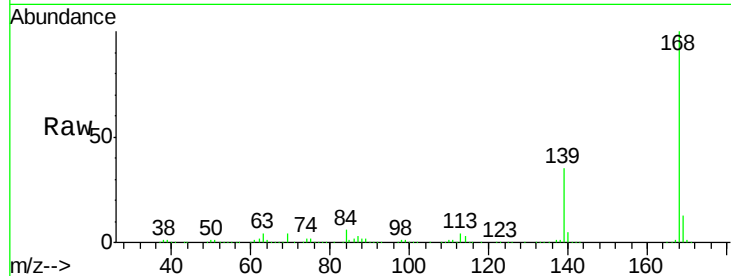




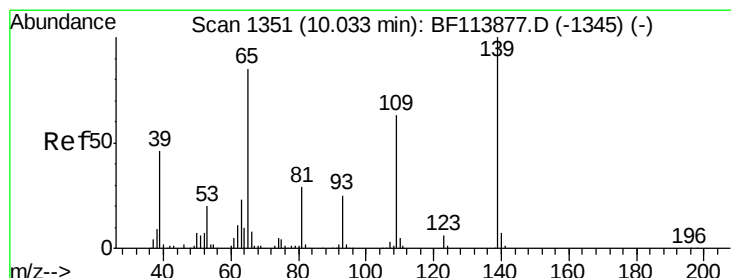
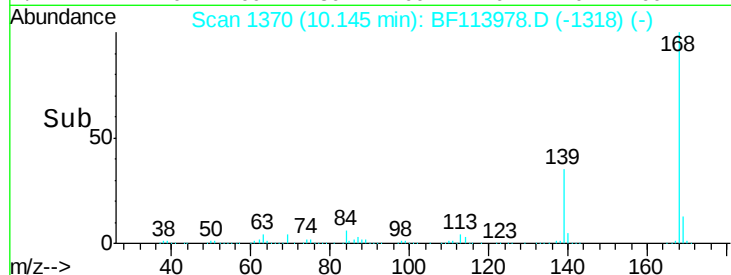
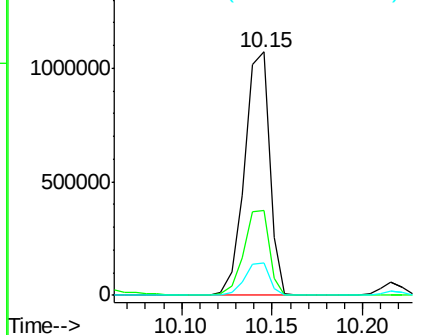
#55
Dibenzenofuran
Concen: 42.928 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.01 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1027919
Ion Ratio Lower Upper
168 100
139 34.7 27.8 41.6
169 13.3 11.0 16.6

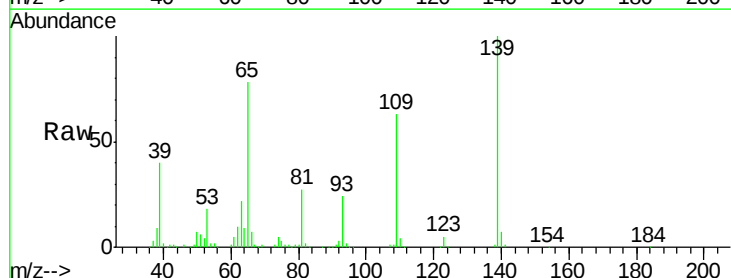


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

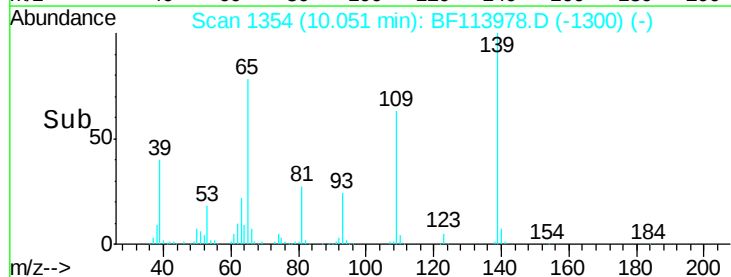
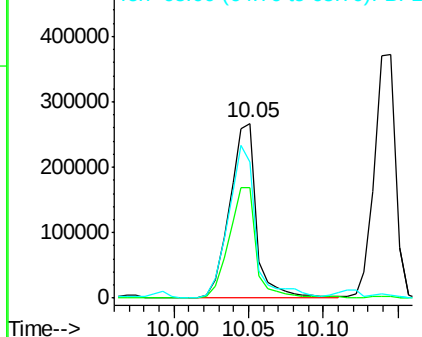


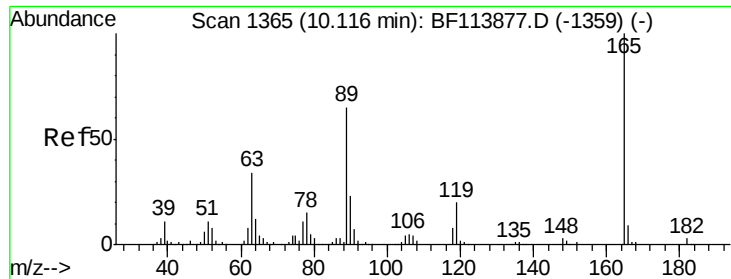
#56
4-Nitrophenol
Concen: 94.140 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.02 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Tgt Ion:139 Resp: 337998
Ion Ratio Lower Upper
139 100
109 63.1 42.9 82.9
65 78.3 64.4 104.4



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

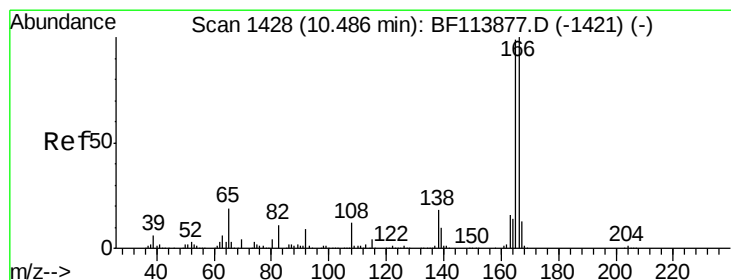
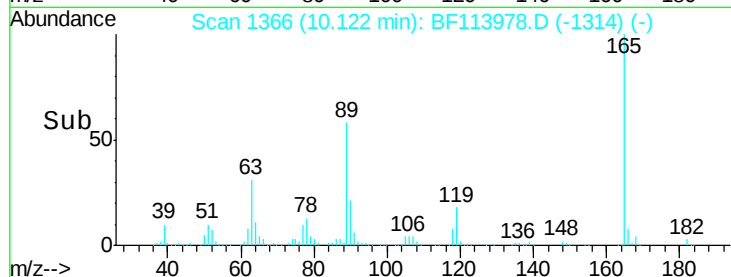
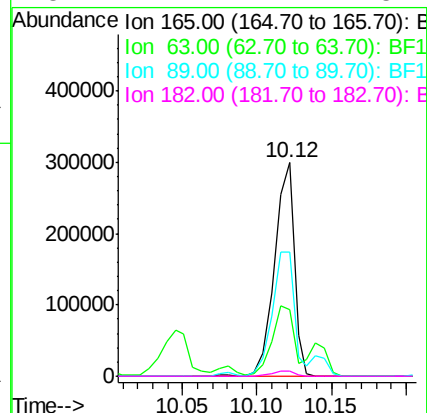
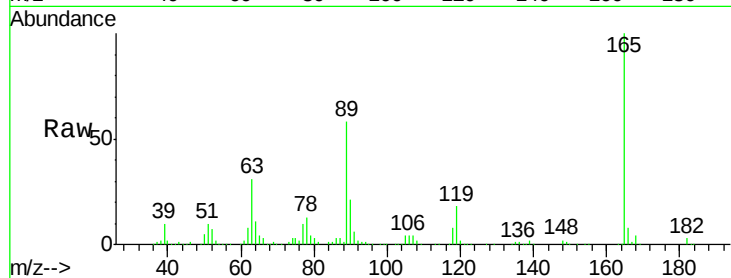




#57
2,4-Dinitrotoluene
Concen: 50.192 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

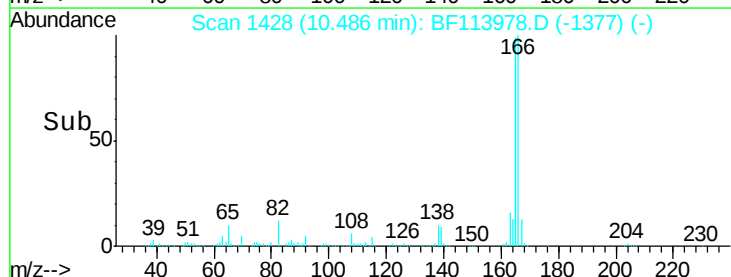
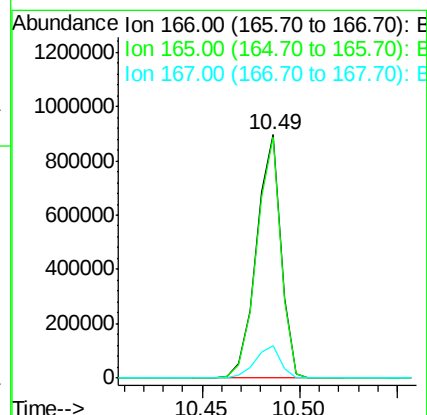
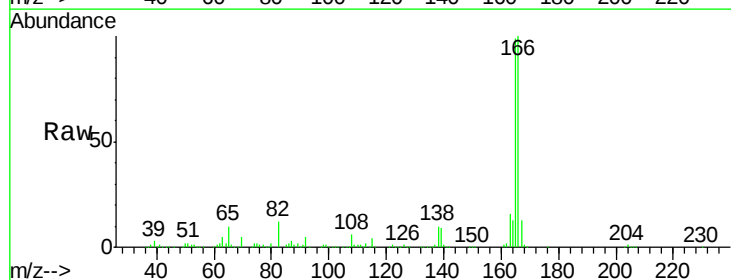
Instrument :
BNA_F
ClientSampled :

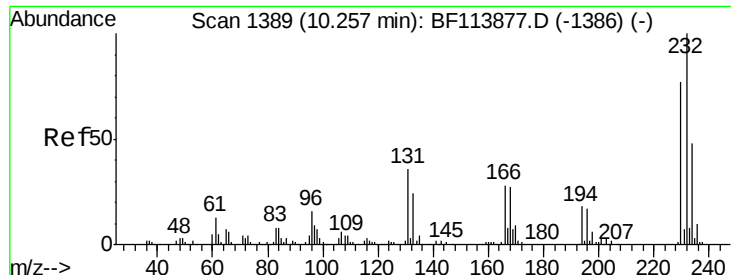
Tot Ion	Ratio	Lower	Upper
165	100		
63	31.2	27.4	41.0
89	57.9	51.8	77.6
182	2.7	2.2	3.2



#58
Fluorene
Concen: 43.018 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.4	117.6
167	13.2	10.9	16.3

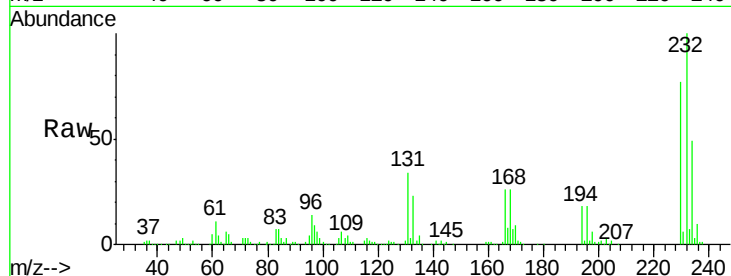




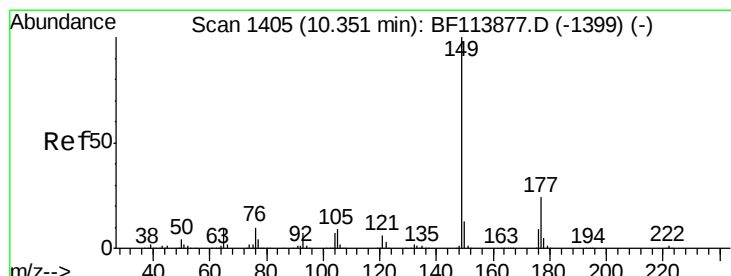
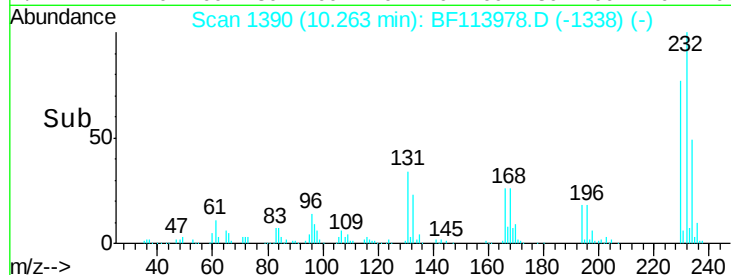
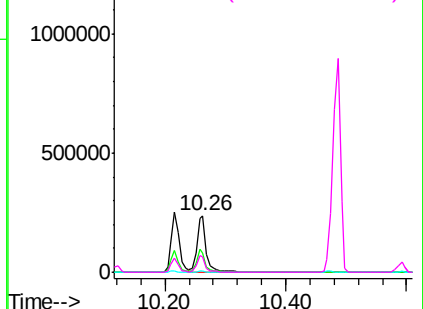
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.456 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: BF113978.D
 Acq: 25 Apr 2019 15:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	232	Resp:	262693
Ion	Ratio	Lower	Upper
232	100		
131	37.2	30.2	45.2
130	1.8	1.5	2.3
166	26.7	22.2	33.4

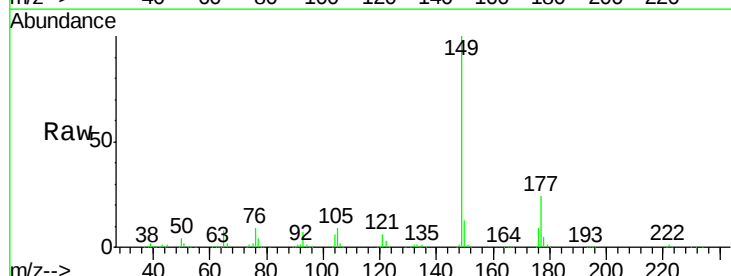


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

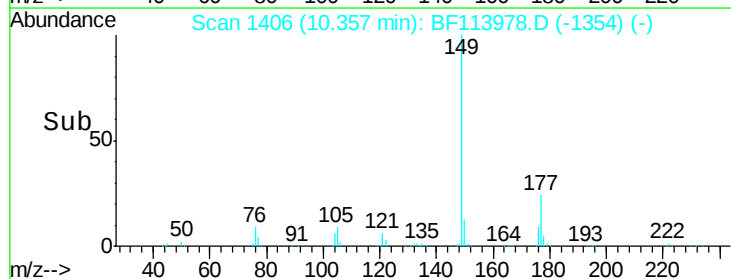
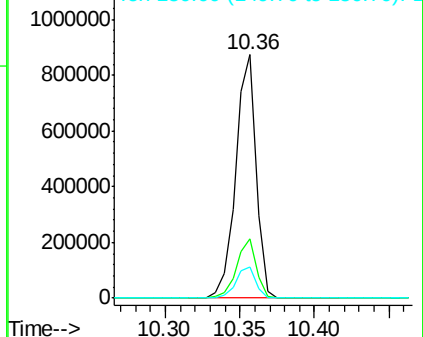


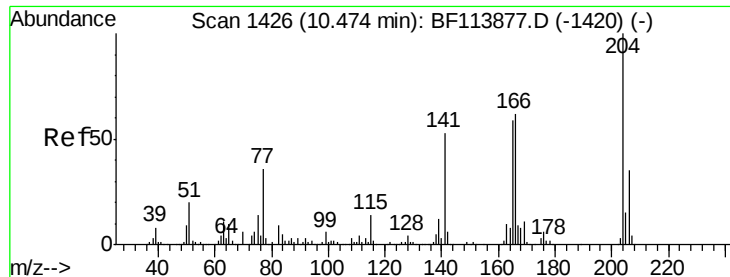
#60
 Diethylphthalate
 Concen: 43.728 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.01 min
 Lab File: BF113978.D
 Acq: 25 Apr 2019 15:38

Tgt Ion:	149	Resp:	835243
Ion	Ratio	Lower	Upper
149	100		
177	24.2	19.2	28.8
150	12.7	10.3	15.5



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

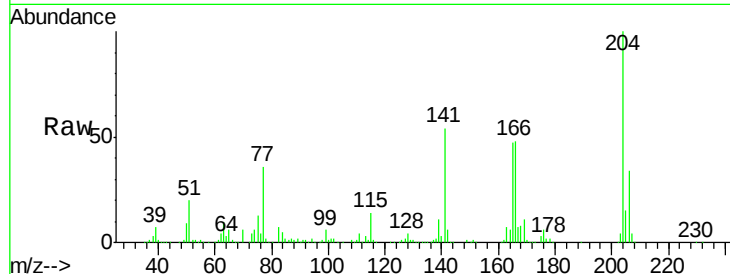




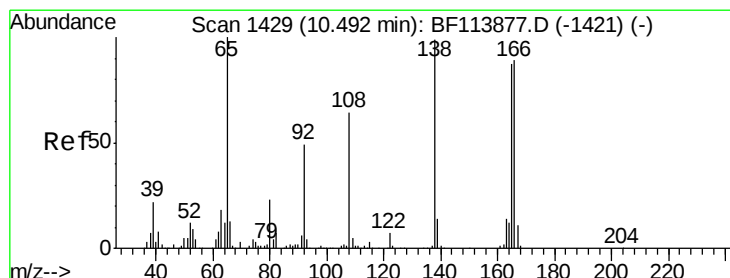
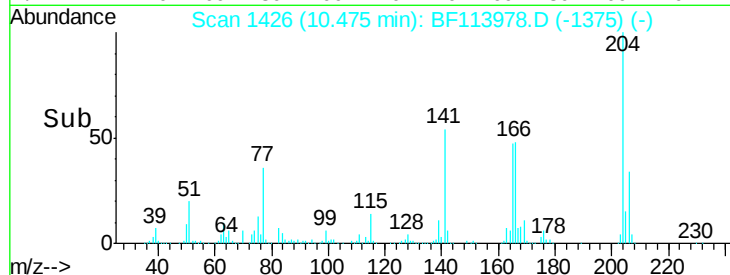
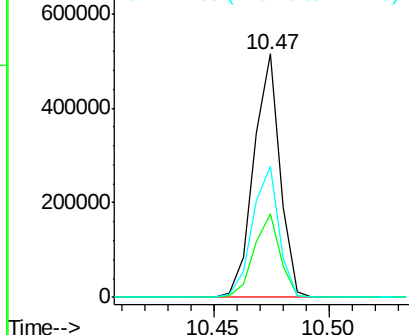
#61
 4-Chlorophenyl-phenylether
 Concen: 42.793 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF113978.D
 Acq: 25 Apr 2019 15:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	27.4	41.2
141	53.7	42.6	63.8

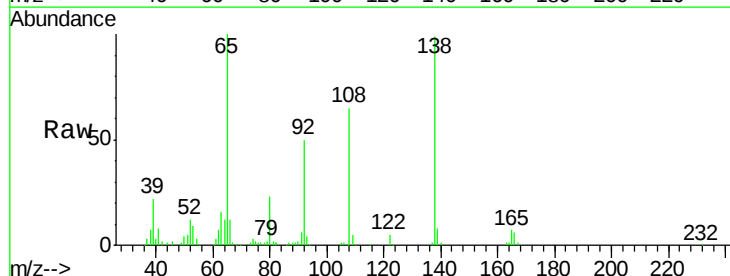


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

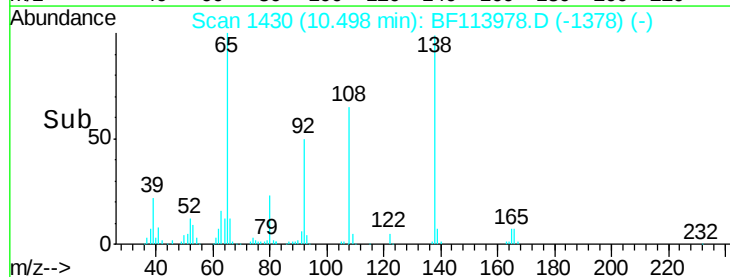
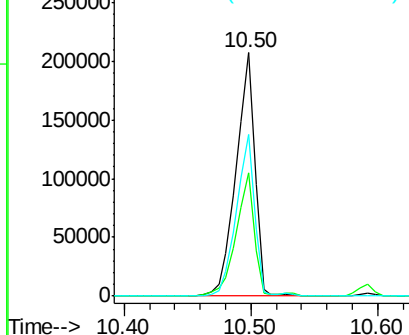


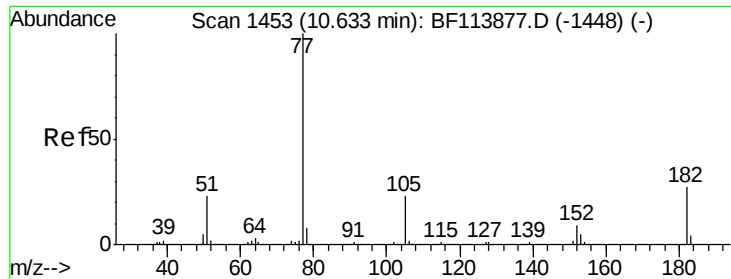
#62
 4-Nitroaniline
 Concen: 48.122 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.01 min
 Lab File: BF113978.D
 Acq: 25 Apr 2019 15:38

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.6	31.3	71.3
108	66.2	48.9	88.9



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





#63

Azobenzene

Concen: 41.817 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 774137

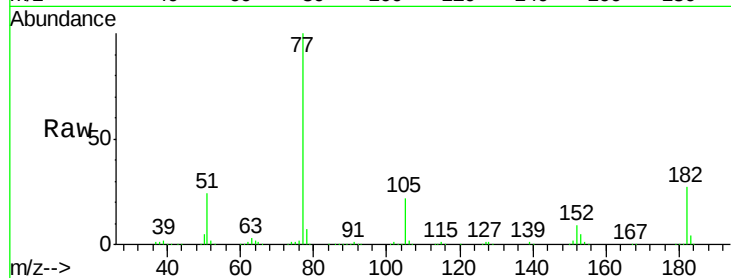
Ion Ratio Lower Upper

77 100

182 27.0 4.4 44.4

105 22.2 2.2 42.2

51 23.8 3.9 43.9

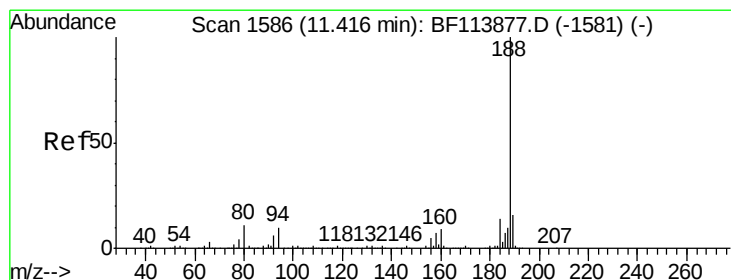
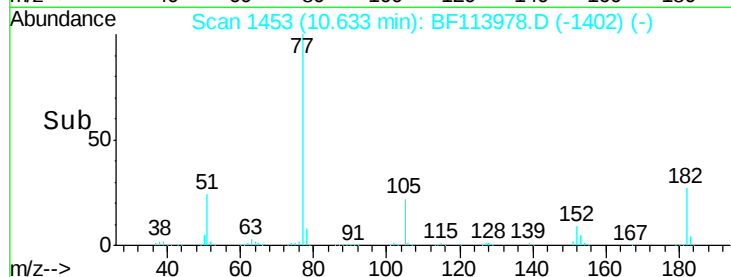
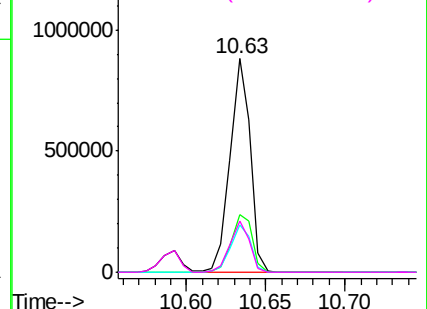


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

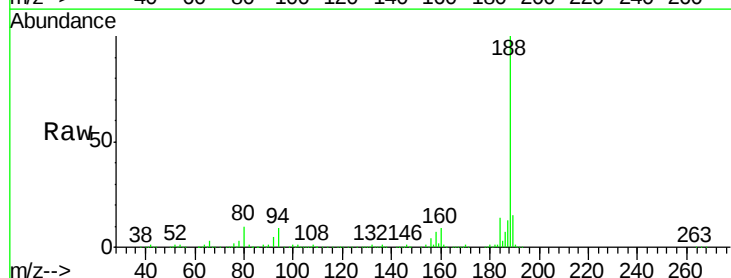
Tgt Ion: 188 Resp: 589469

Ion Ratio Lower Upper

188 100

94 8.9 8.2 12.4

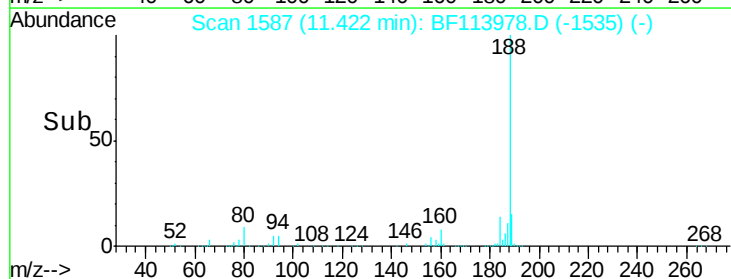
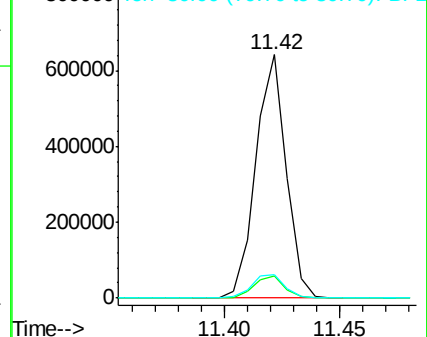
80 9.6 9.0 13.6

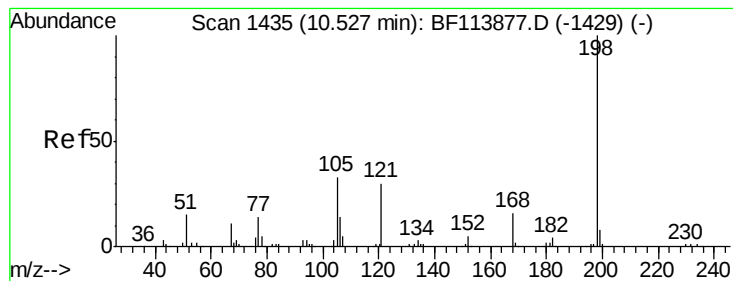


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 45.732 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.01 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_F

ClientSampleId :

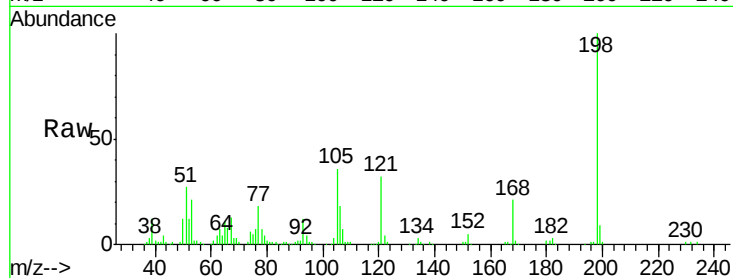
Tot Ion:198 Resp: 122460

Ion Ratio Lower Upper

198 100

51 26.6 11.1 51.1

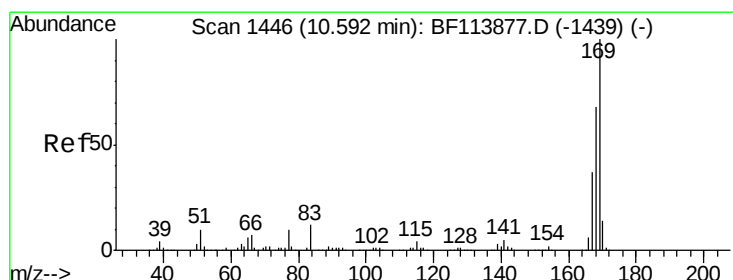
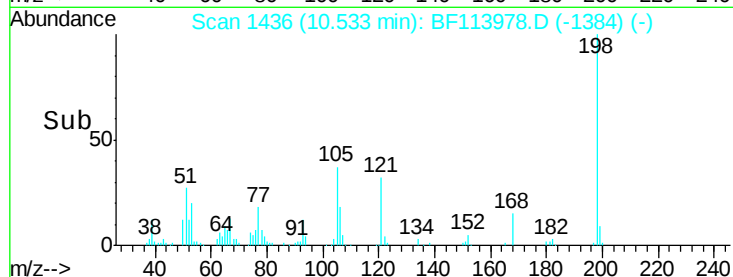
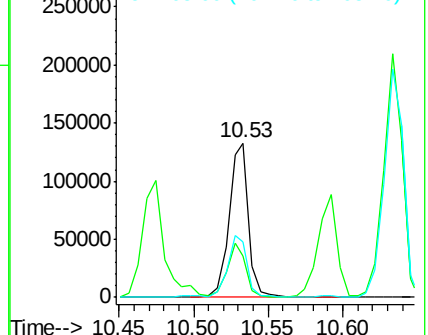
105 36.3 20.7 60.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.347 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

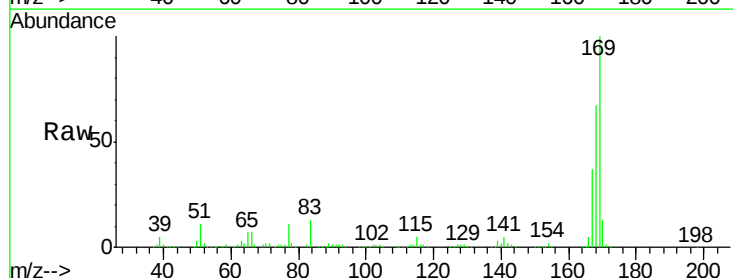
Tgt Ion:169 Resp: 713616

Ion Ratio Lower Upper

169 100

168 67.1 54.3 81.5

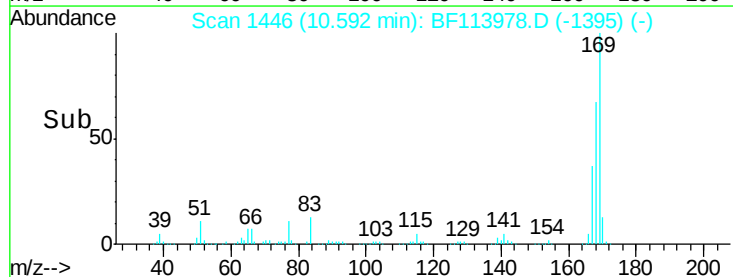
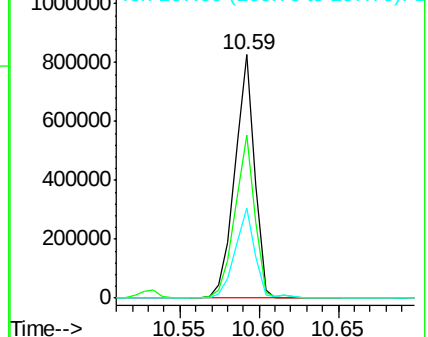
167 36.9 29.4 44.0

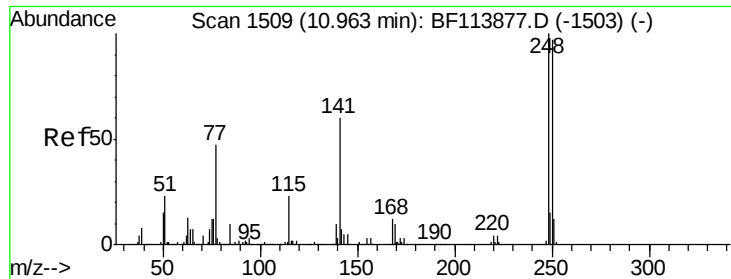


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

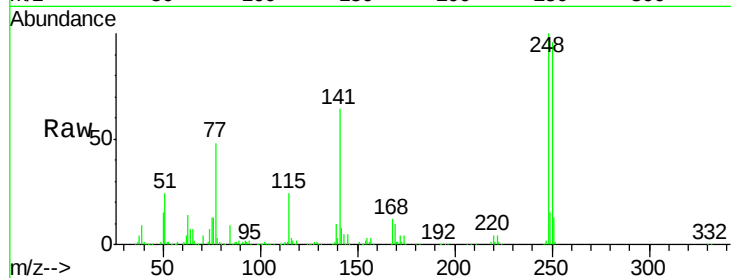




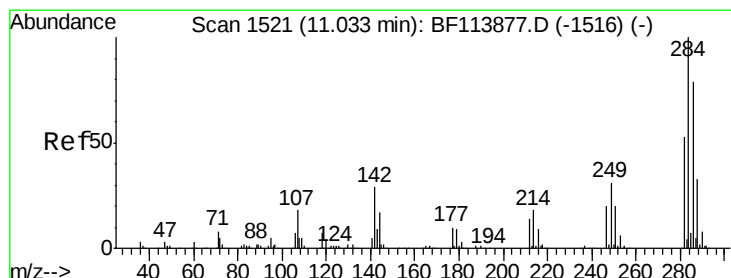
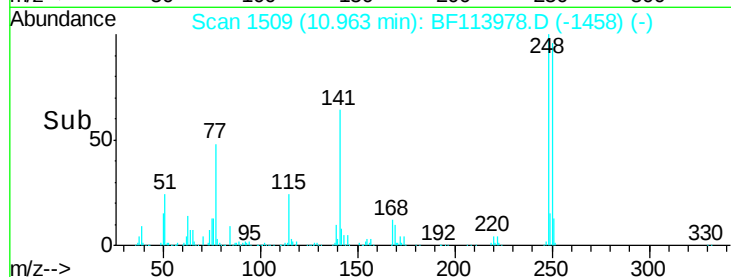
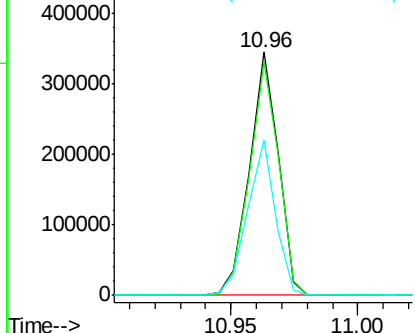
#67
4-Bromophenyl-phenylether
Concen: 38.444 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 273760
Ion Ratio Lower Upper
248 100
250 96.0 75.8 113.6
141 63.9 50.2 75.4

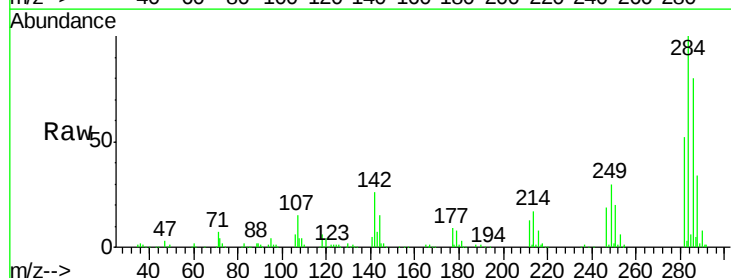


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

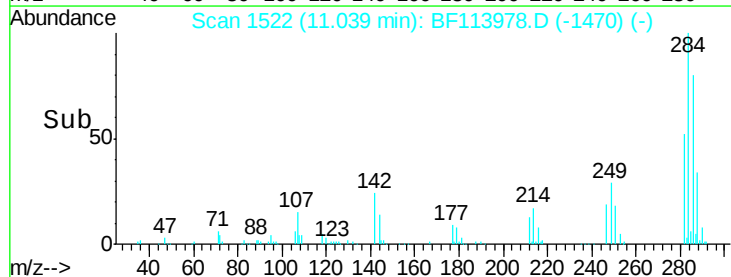
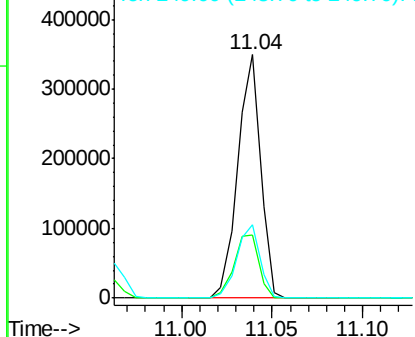


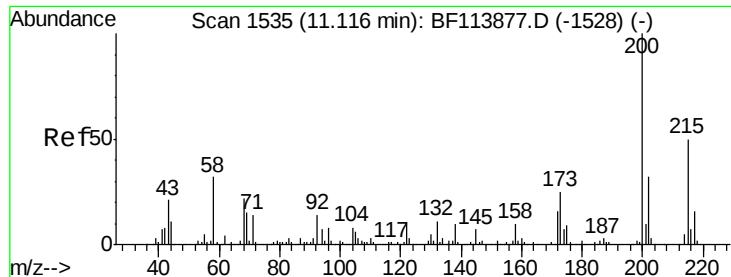
#68
Hexachlorobenzene
Concen: 39.275 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Tgt Ion:284 Resp: 307334
Ion Ratio Lower Upper
284 100
142 26.2 23.0 34.4
249 30.2 24.4 36.6



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





#69

Atrazine

Concen: 42.349 ng

RT: 11.12 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_F

ClientSampleId :

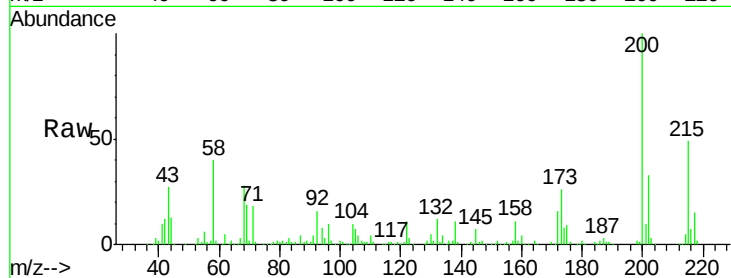
Tot Ion:200 Resp: 243662

Ion Ratio Lower Upper

200 100

173 26.2 5.9 45.9

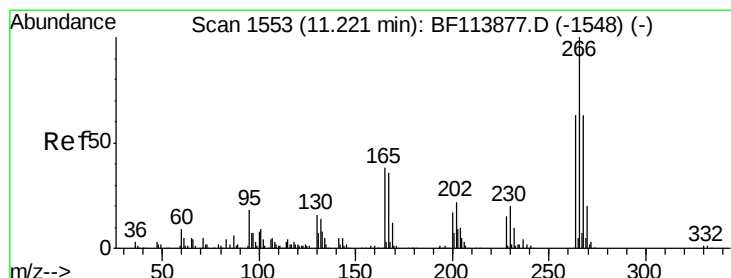
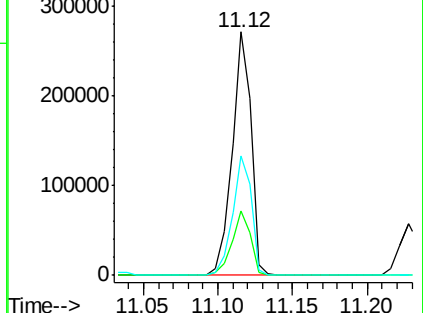
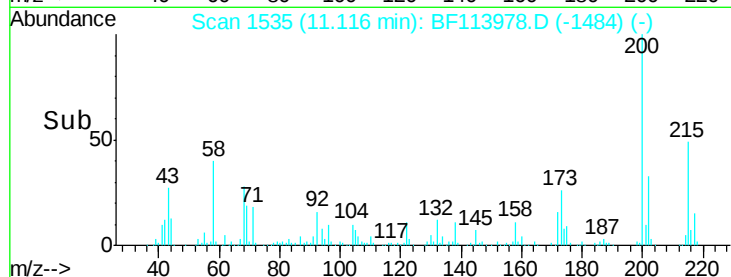
215 49.2 29.3 69.3



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: 81.809 ng

RT: 11.23 min Scan# 1554

Delta R.T. 0.01 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

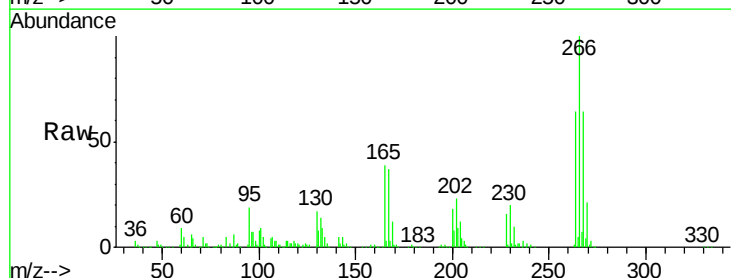
Tgt Ion:266 Resp: 362460

Ion Ratio Lower Upper

266 100

268 63.5 53.5 80.3

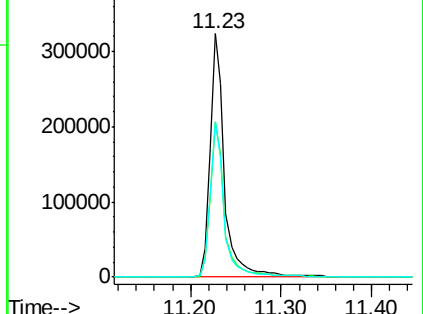
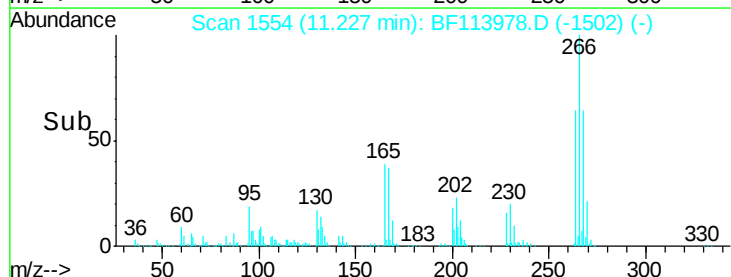
264 63.6 51.0 76.6

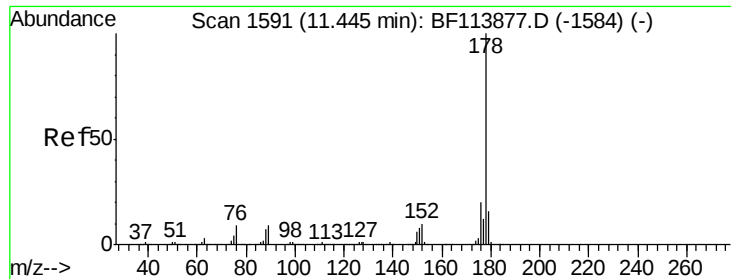


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

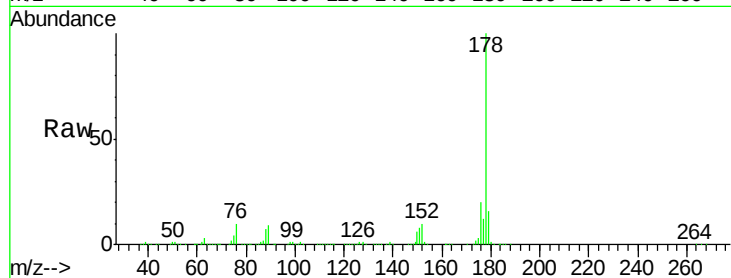




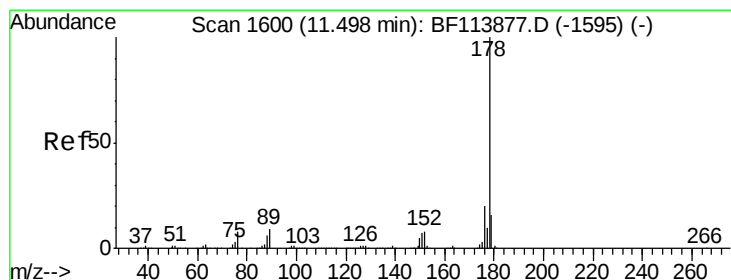
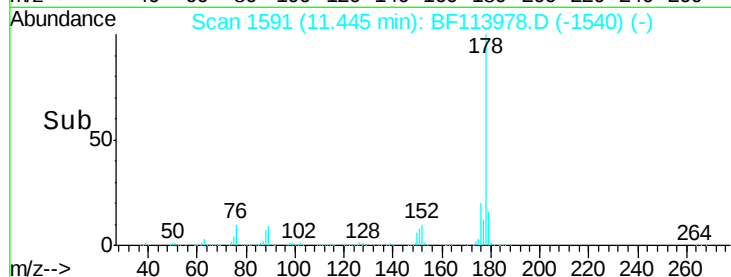
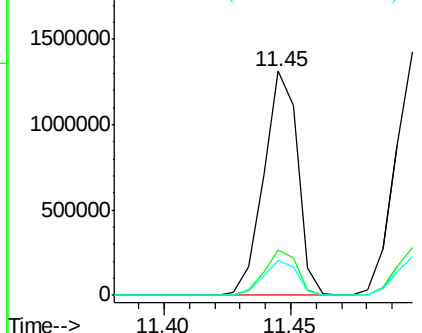
#71
Phenanthrene
Concen: 41.599 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1232334
Ion Ratio Lower Upper
178 100
176 19.9 16.1 24.1
179 15.9 12.8 19.2

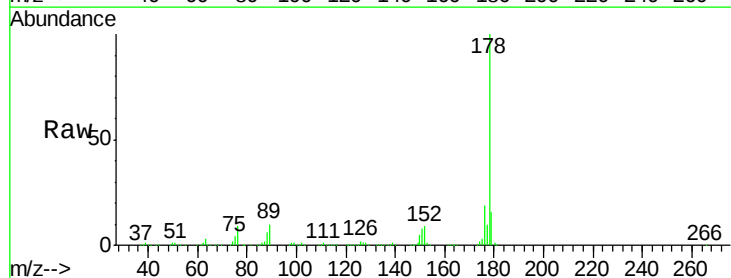


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

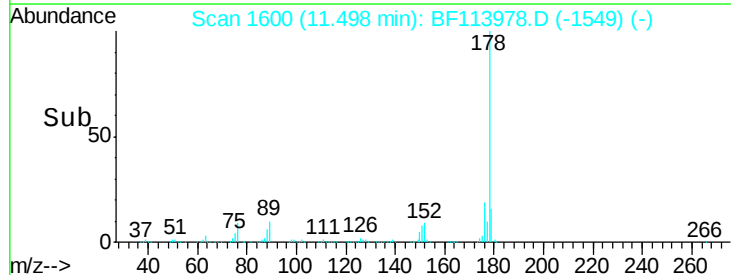
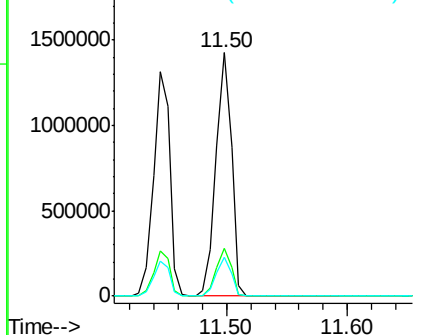


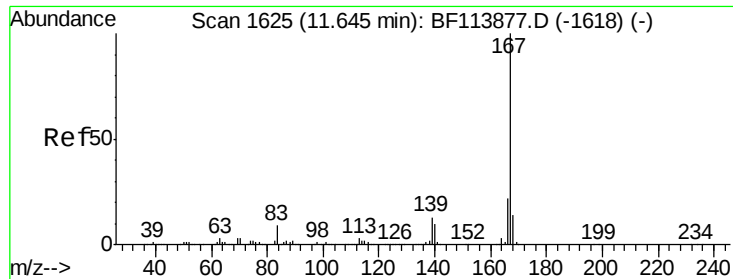
#72
Anthracene
Concen: 42.143 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Tgt Ion:178 Resp: 1260723
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 15.7 13.0 19.4



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



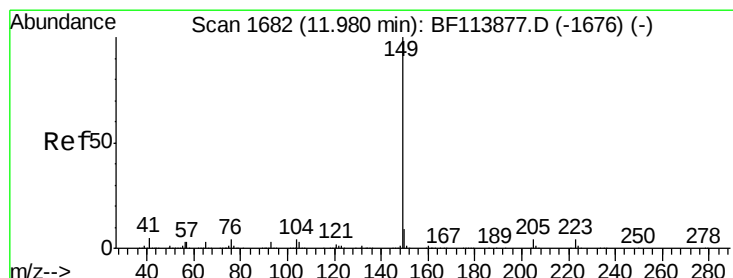
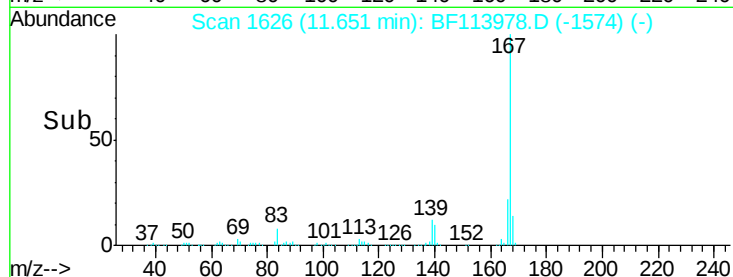
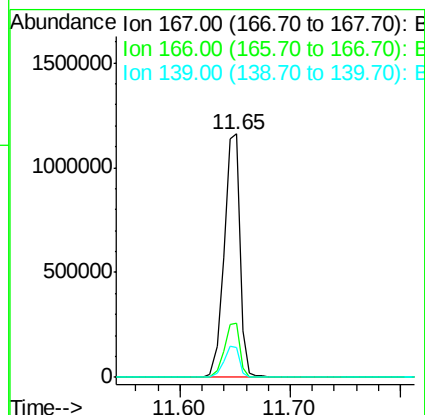
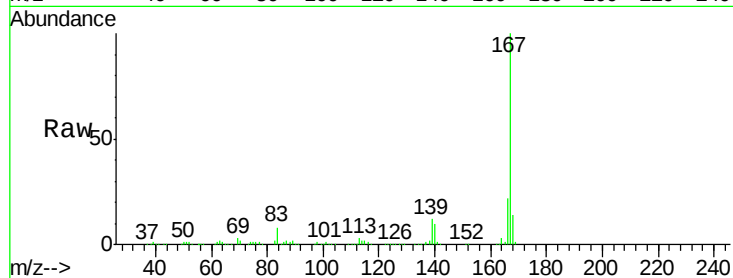


#73
 Carbazole
 Concen: 43.670 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.01 min
 Lab File: BF113978.D
 Acq: 25 Apr 2019 15:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1165511

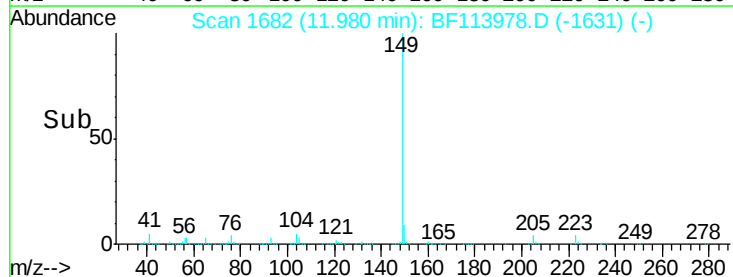
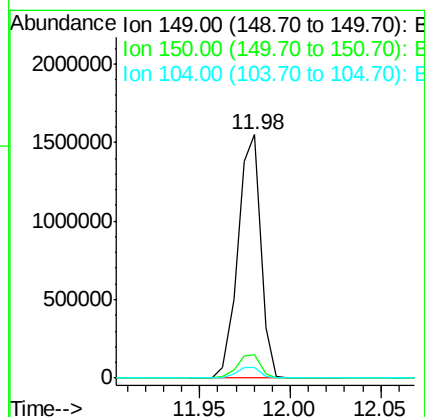
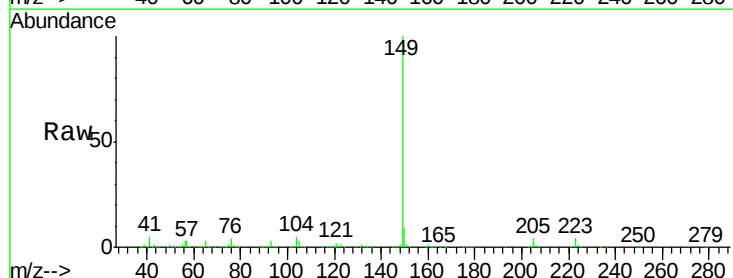
Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.7	26.5
139	12.4	10.0	15.0

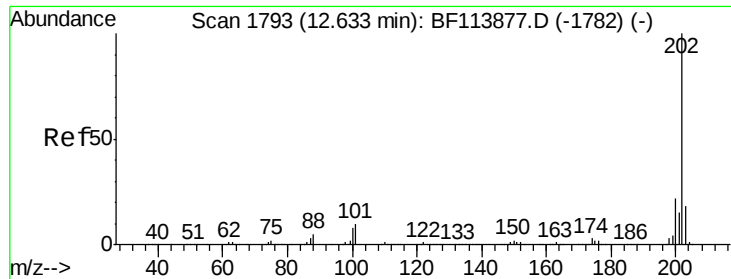


#74
 Di-n-butylphthalate
 Concen: 43.223 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: BF113978.D
 Acq: 25 Apr 2019 15:38

Tgt Ion:149 Resp: 1356992

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.8
104	4.5	3.8	5.8





#75

Fluoranthene

Concen: 43.571 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_F

ClientSampleId :

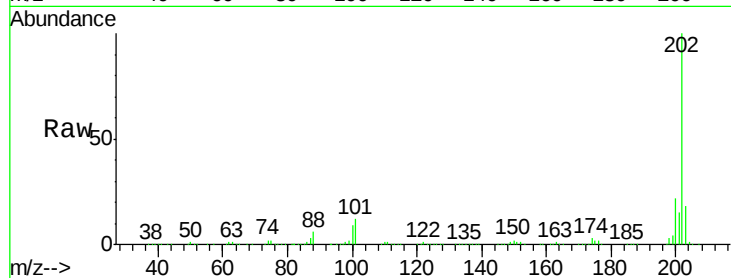
Tot Ion:202 Resp: 1408244

Ion Ratio Lower Upper

202 100

101 11.8 0.0 32.9

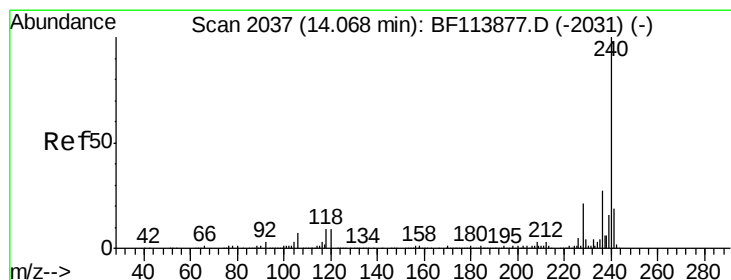
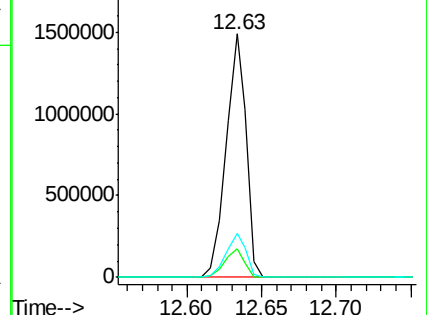
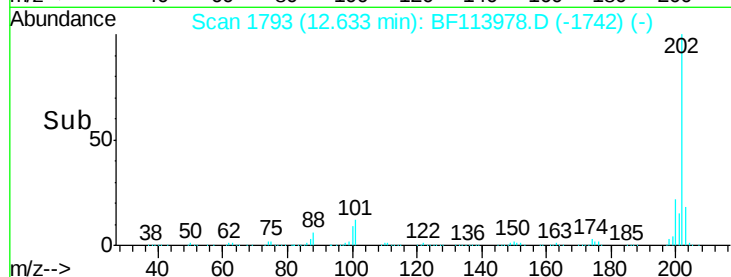
203 18.3 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

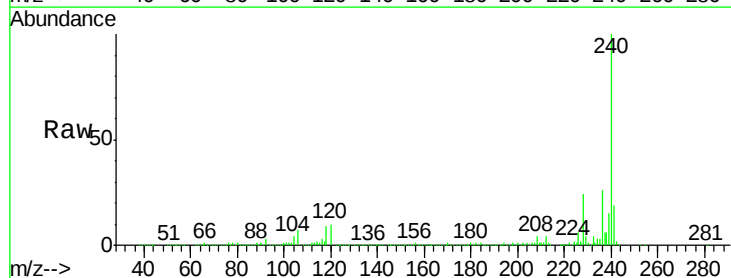
Tgt Ion:240 Resp: 598320

Ion Ratio Lower Upper

240 100

120 9.8 9.3 13.9

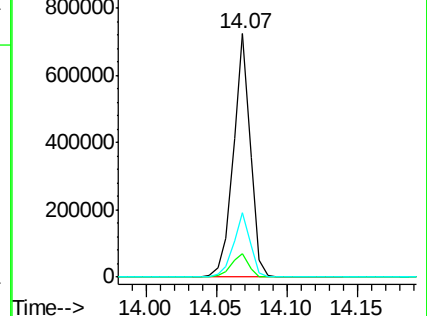
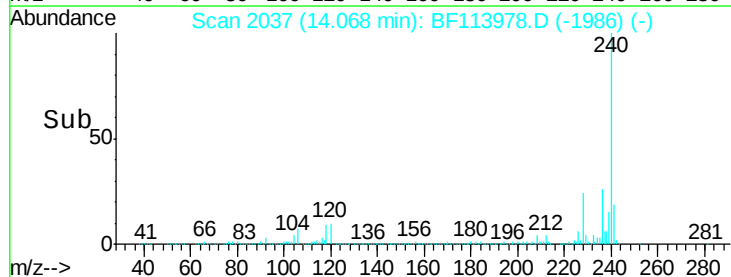
236 26.2 21.2 31.8

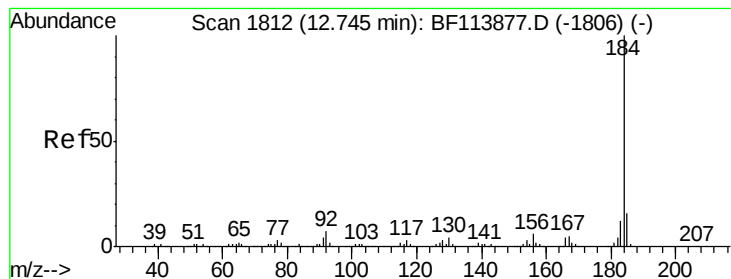


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.771 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_F

ClientSampleId :

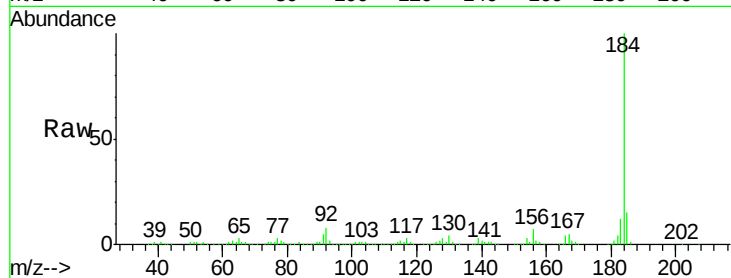
Tot Ion:184 Resp: 566395

Ion Ratio Lower Upper

184 100

185 14.5 13.0 19.6

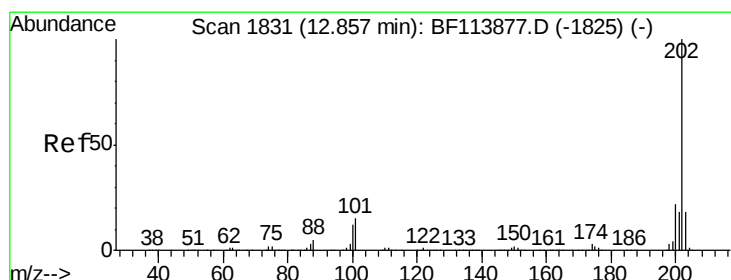
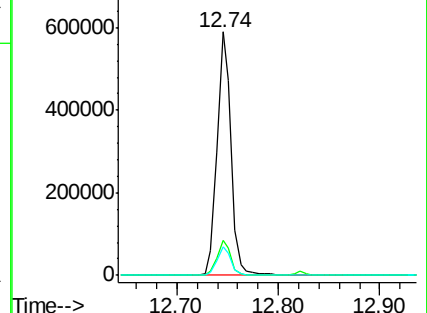
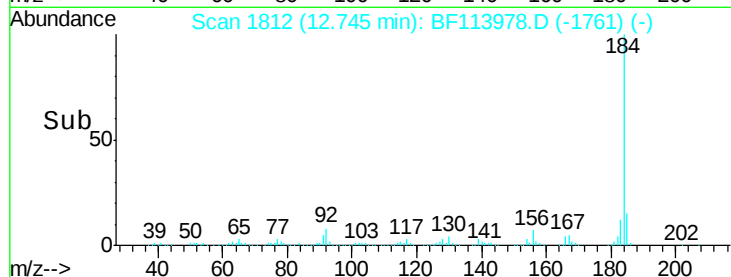
183 11.8 9.4 14.0



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: 33.803 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

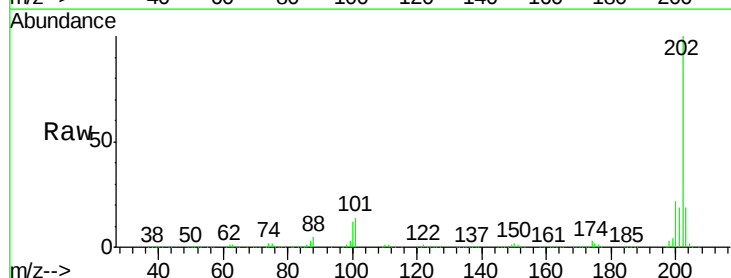
Tgt Ion:202 Resp: 1414386

Ion Ratio Lower Upper

202 100

200 22.3 17.7 26.5

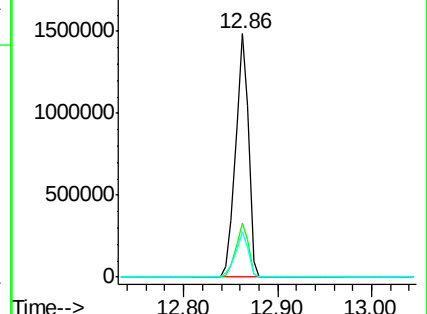
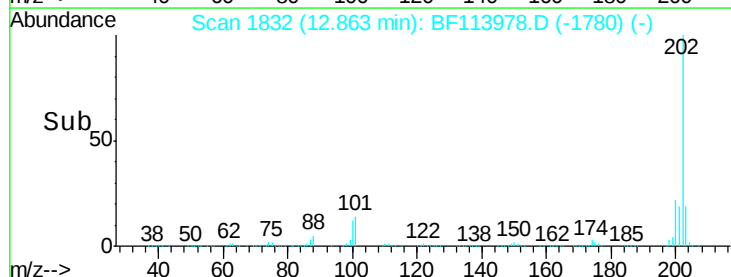
203 18.5 15.0 22.6

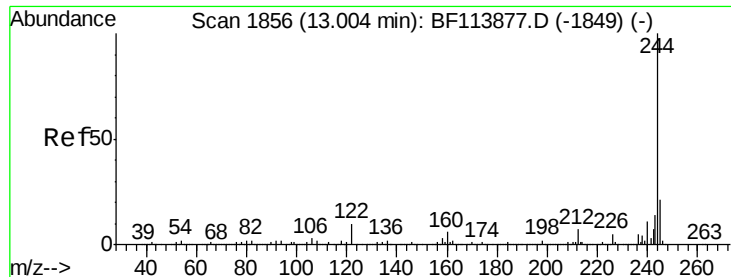


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.255 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_F

ClientSampled :

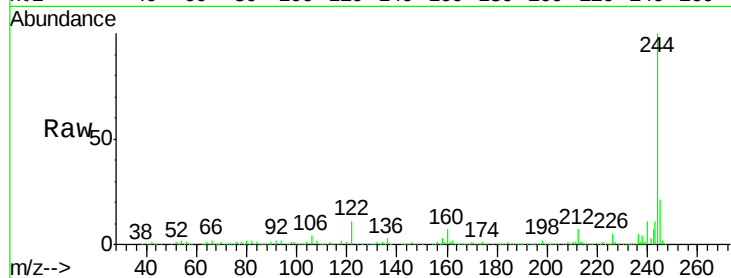
Tot Ion:244 Resp: 2137918

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.2

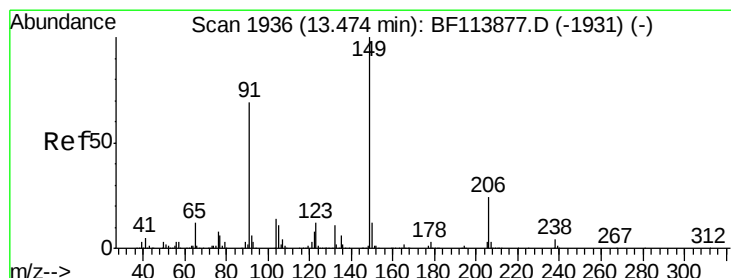
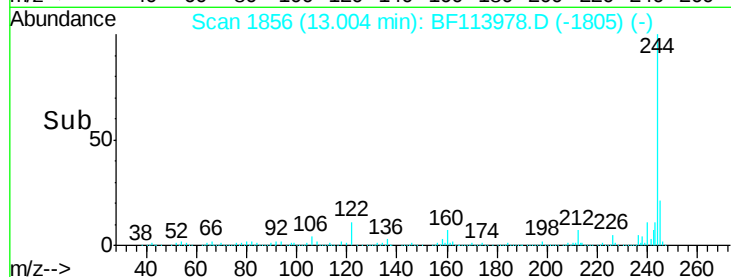
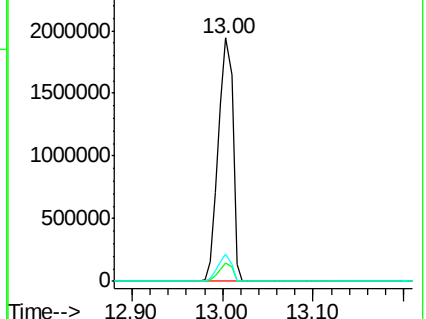
122 11.1 7.6 11.4



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: 38.629 ng

RT: 13.47 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

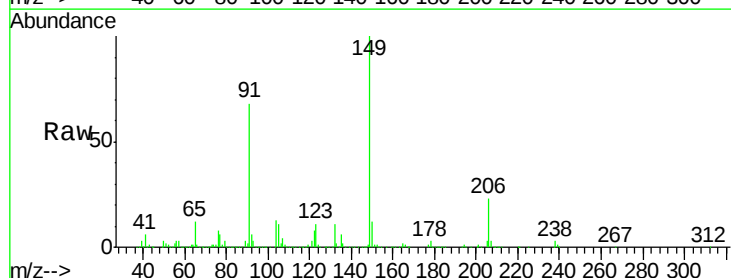
Tgt Ion:149 Resp: 635919

Ion Ratio Lower Upper

149 100

91 68.3 56.3 84.5

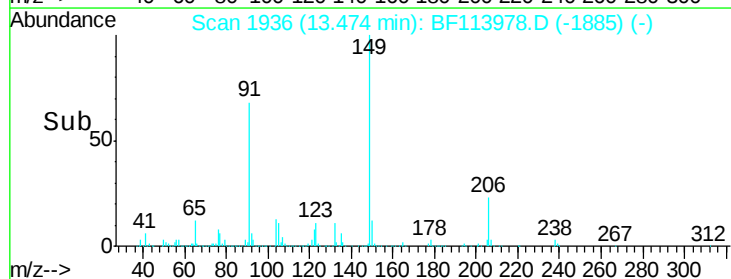
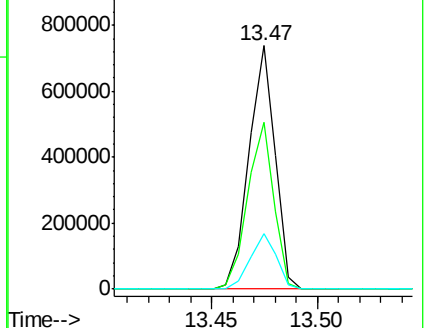
206 23.0 19.0 28.6

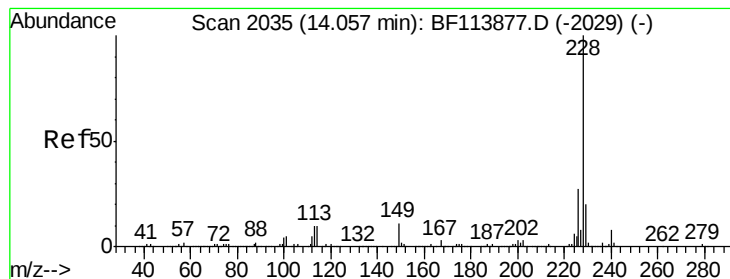


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.042 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_F

ClientSampleId :

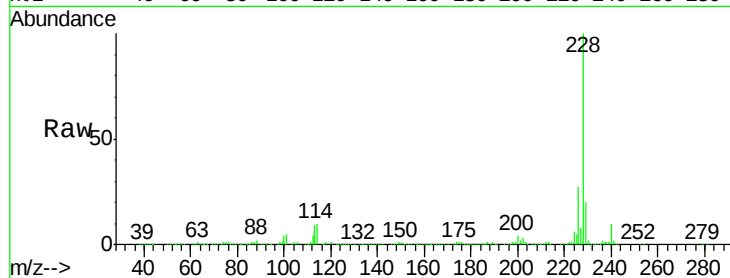
Tot Ion:228 Resp: 1376304

Ion Ratio Lower Upper

228 100

226 27.1 22.2 33.2

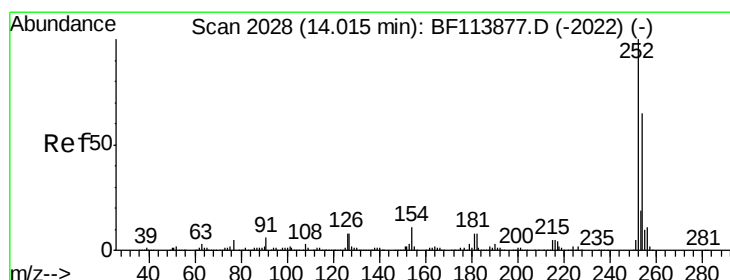
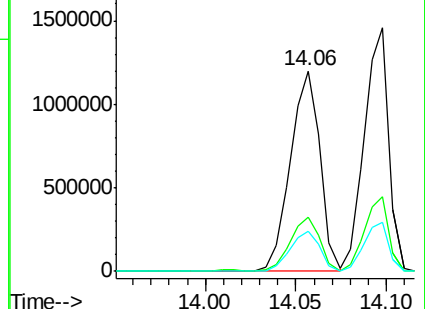
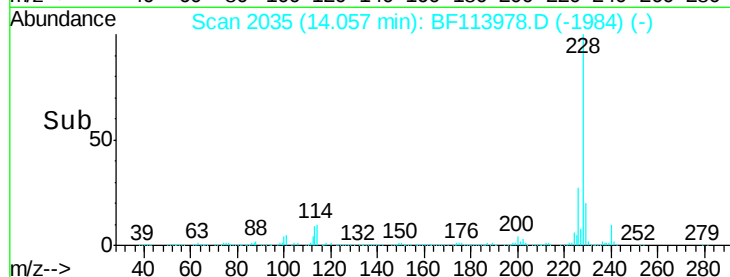
229 19.9 16.0 24.0



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: 37.448 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

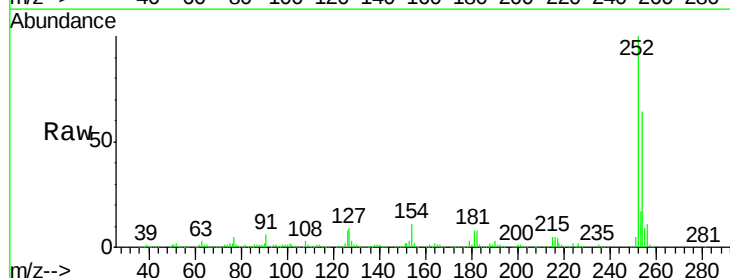
Tgt Ion:252 Resp: 483862

Ion Ratio Lower Upper

252 100

254 64.0 52.1 78.1

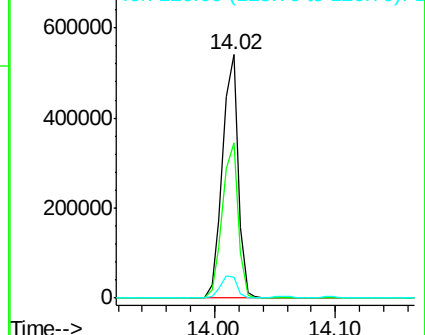
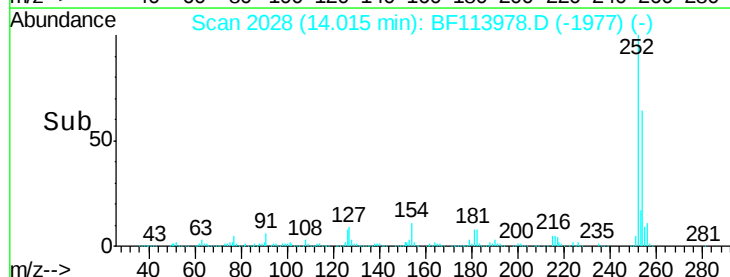
126 8.5 9.3 13.9#

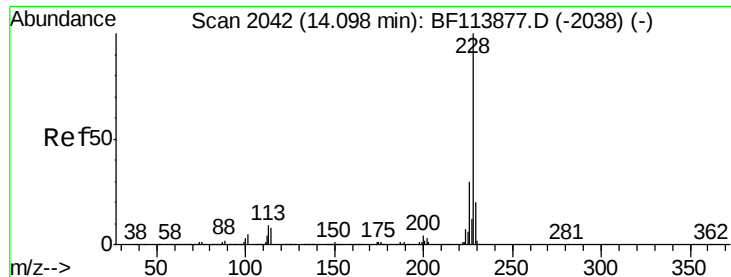


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



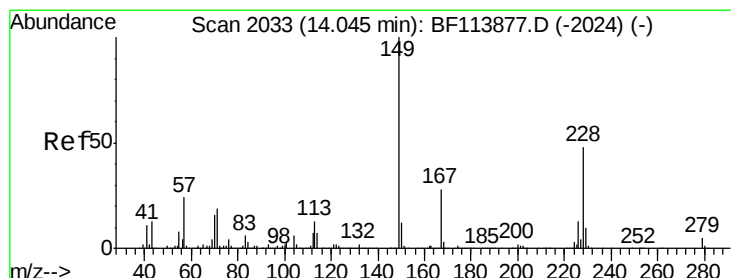
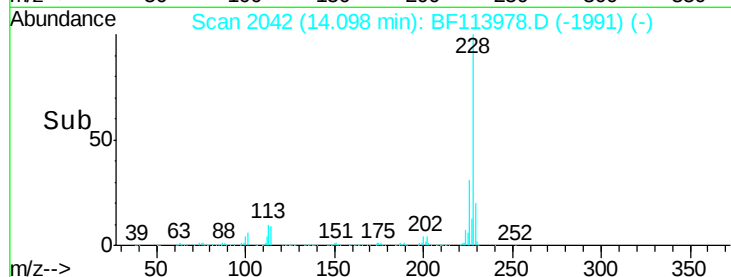
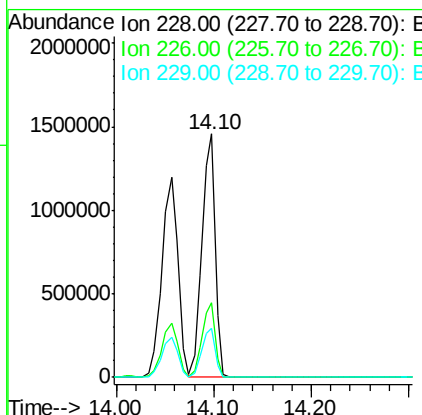
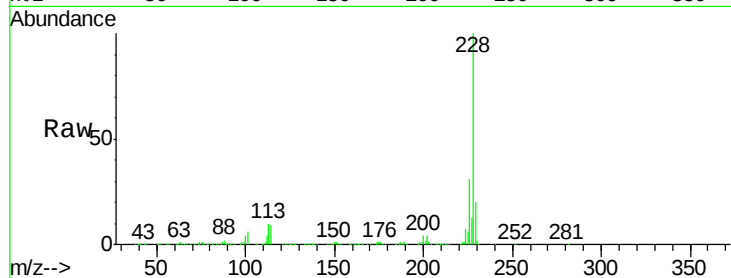


#83
 Chrysene
 Concen: 39.748 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. 0.00 min
 Lab File: BF113978.D
 Acq: 25 Apr 2019 15:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 1364617

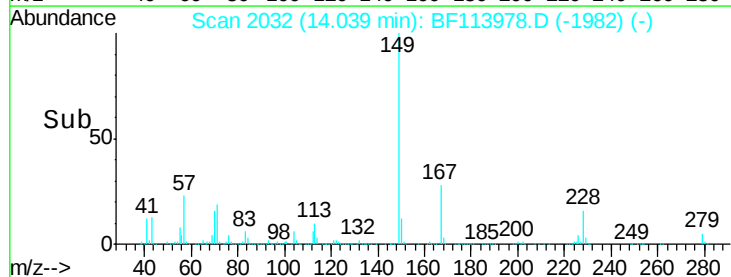
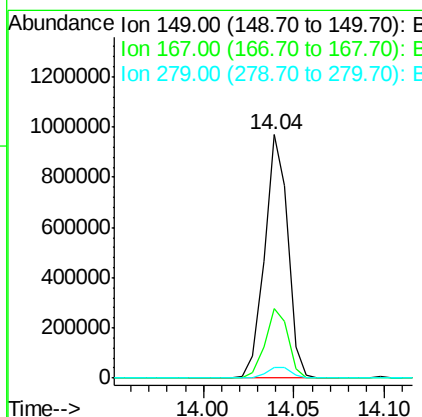
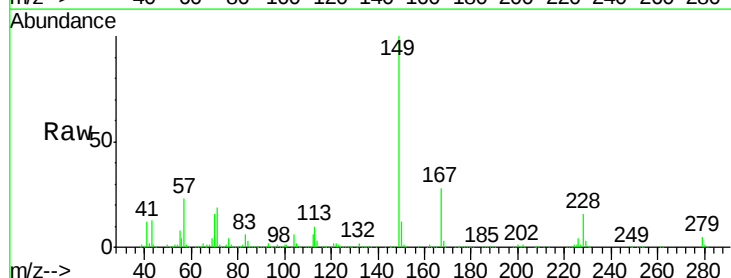
Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.2	37.8
229	20.3	16.7	25.1

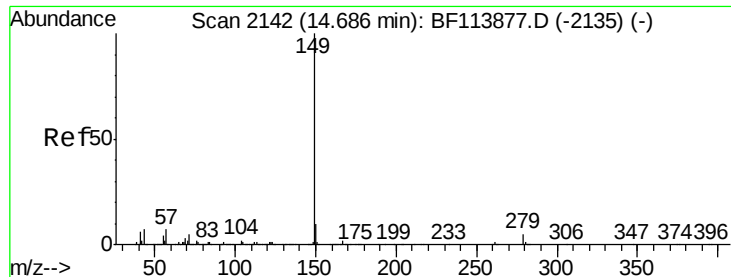


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.091 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF113978.D
 Acq: 25 Apr 2019 15:38

Tgt Ion:149 Resp: 860667

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.9	34.3
279	4.5	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 46.293 ng

RT: 14.67 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_F

ClientSampleId :

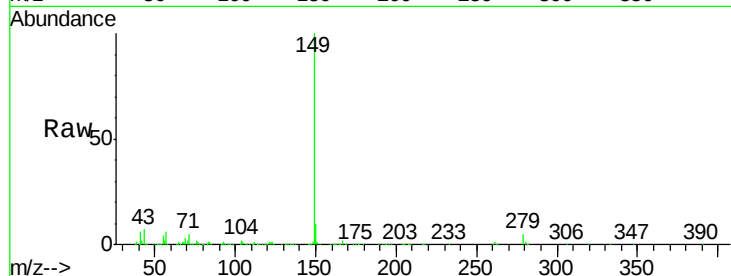
Tot Ion:149 Resp: 1517692

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

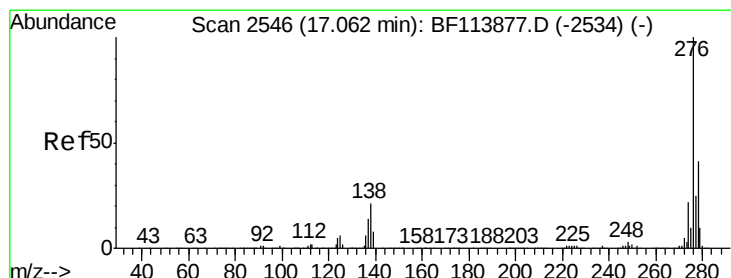
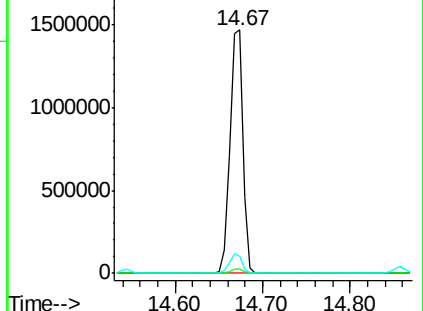
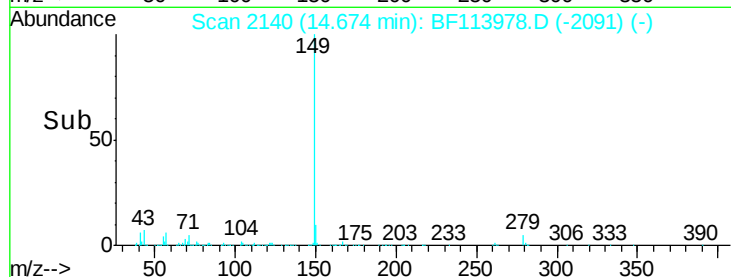
43 7.5 6.6 10.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.107 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.01 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

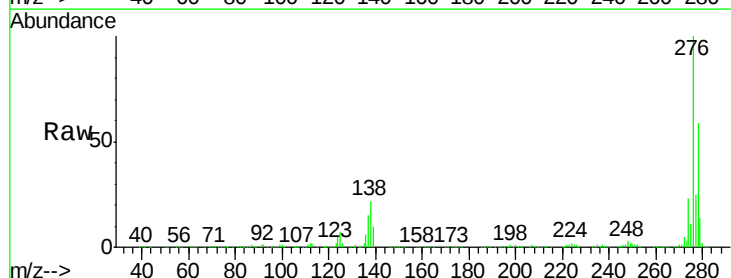
Tgt Ion:276 Resp: 1499425

Ion Ratio Lower Upper

276 100

138 22.8 19.6 29.4

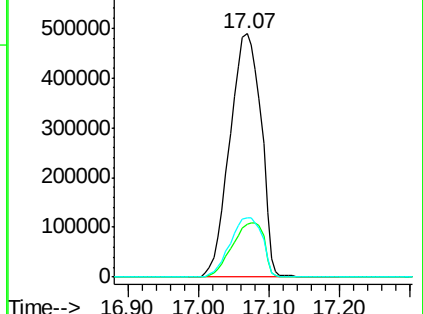
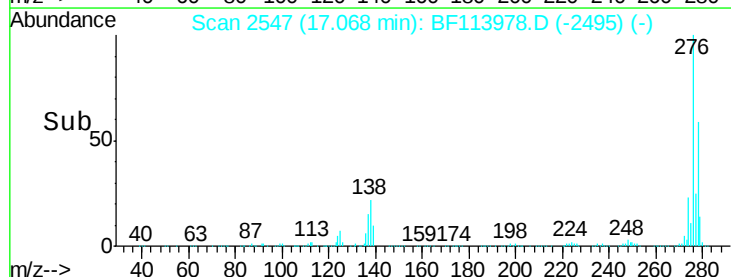
277 25.3 20.2 30.4

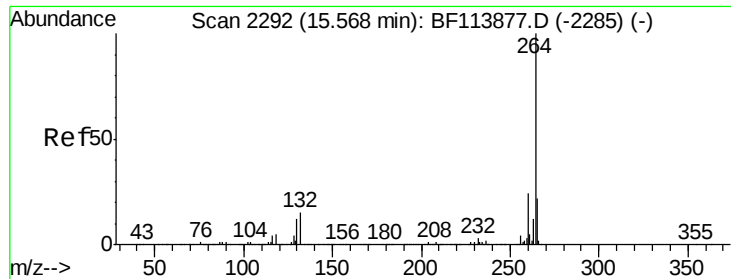


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



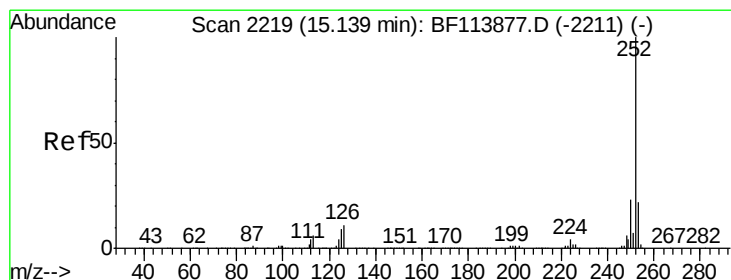
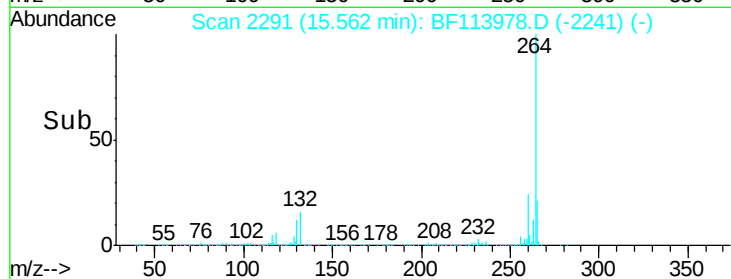
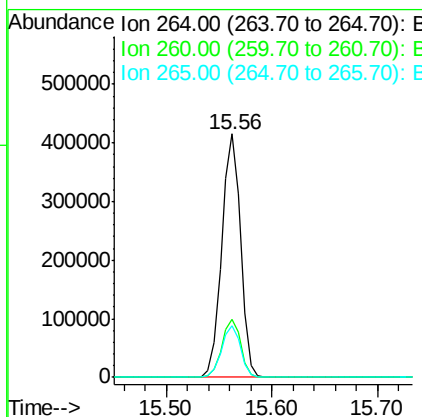
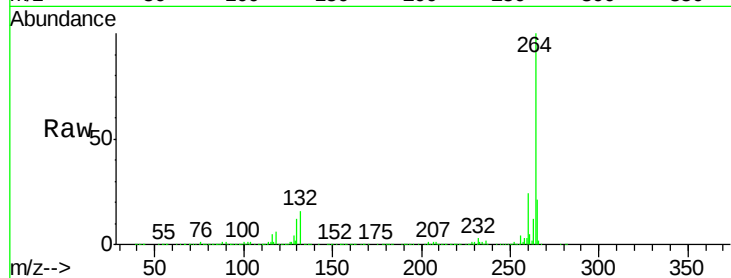


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 517139

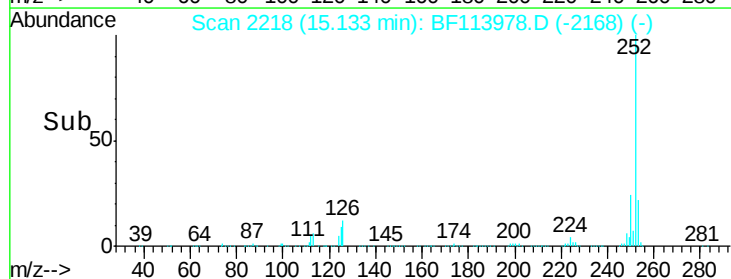
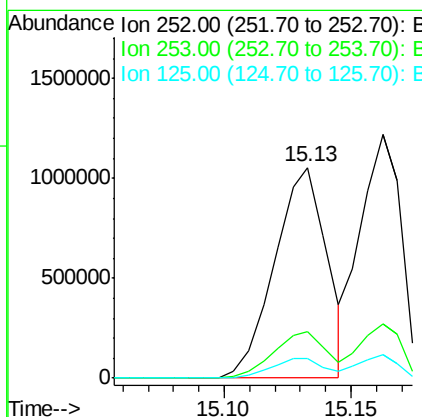
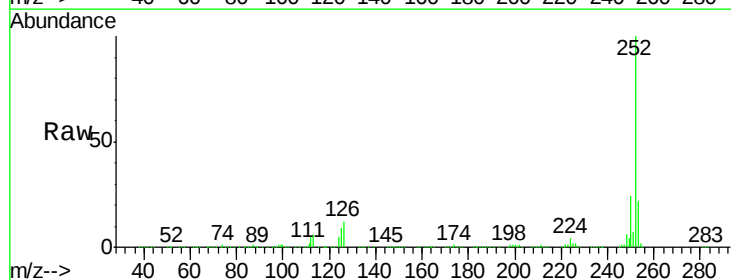
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	21.3	17.3	25.9

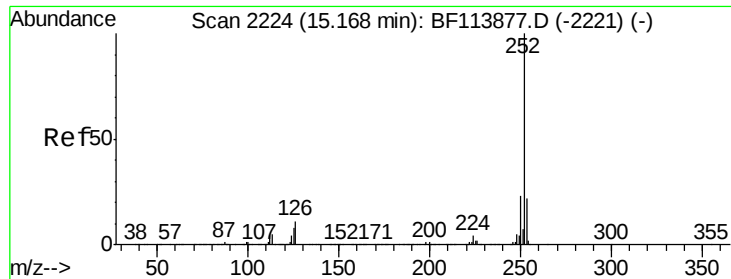


#88
Benzo(b)fluoranthene
Concen: 46.347 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Tgt Ion:252 Resp: 1516438

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	9.3	7.0	10.6

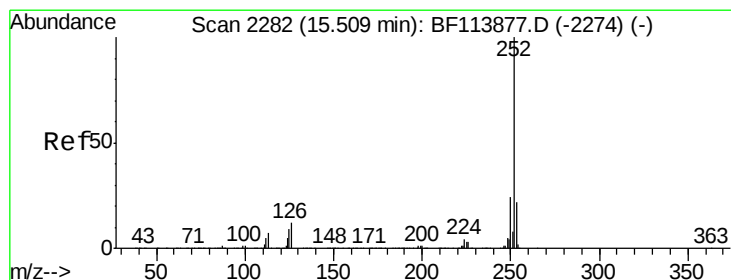
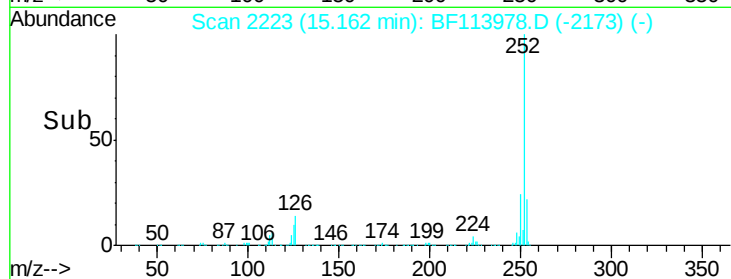
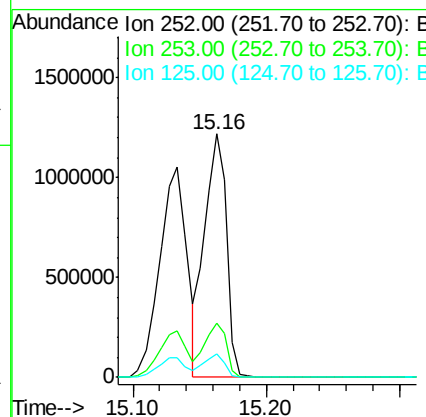
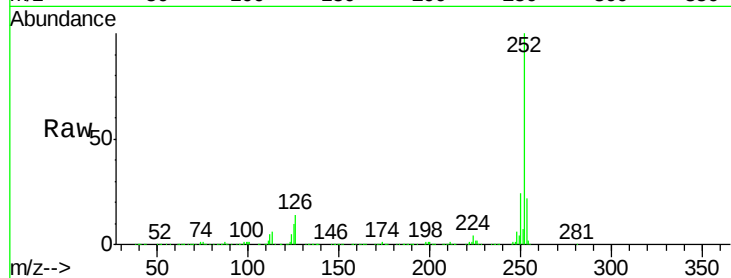




#89
Benzo(k)fluoranthene
Concen: 49.038 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

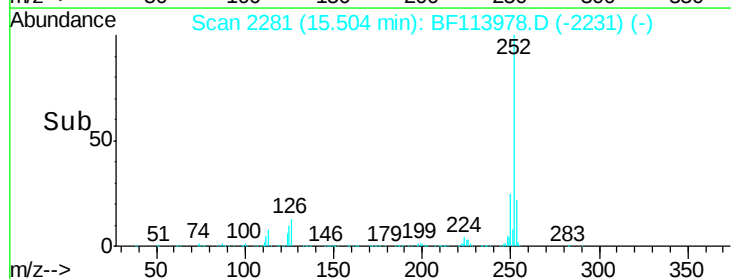
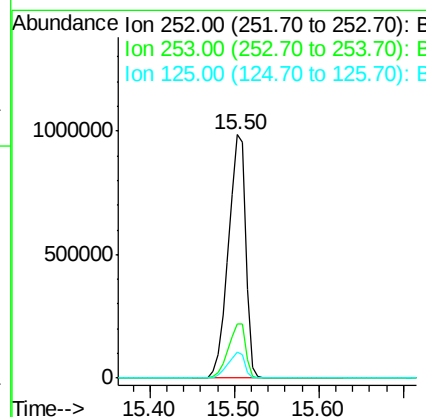
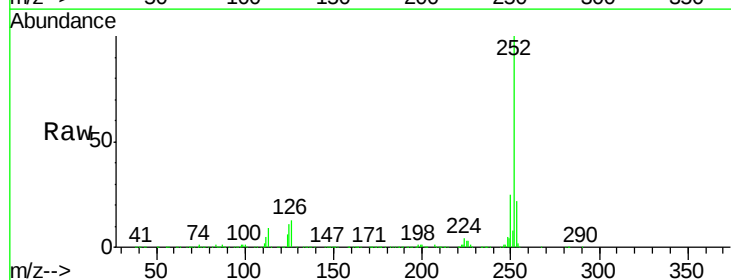
Instrument :
BNA_F
ClientSampleId :

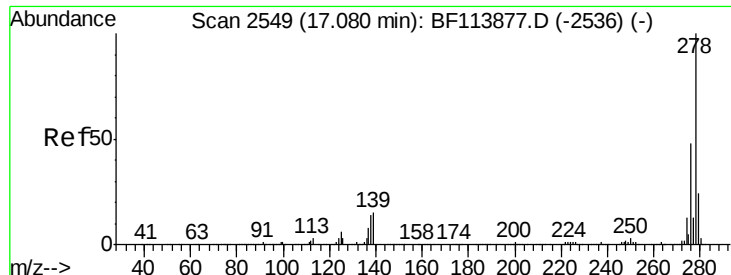
Tot Ion:252 Resp: 1380117
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 9.9 7.4 11.2



#90
Benzo(a)pyrene
Concen: 49.498 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Tgt Ion:252 Resp: 1400809
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 10.5 8.5 12.7



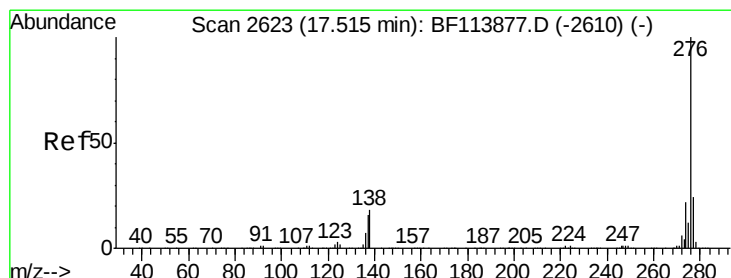
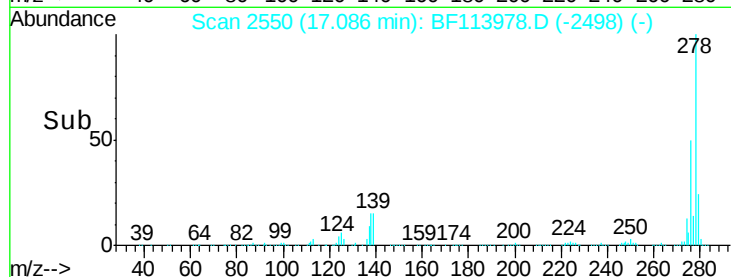
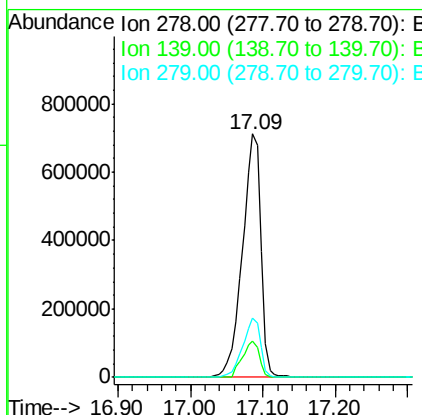
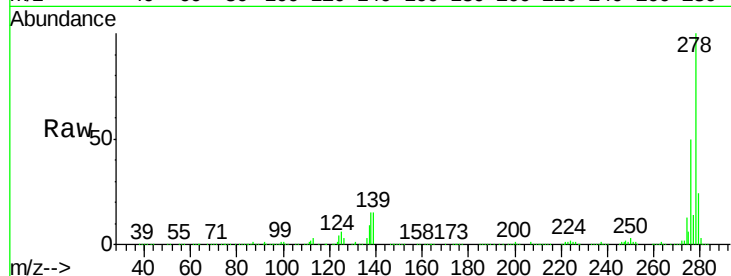


#91
Dibenzo(a,h)anthracene
Concen: 47.530 ng
RT: 17.09 min Scan# 2550
Delta R.T. 0.01 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1262689

Ion	Ratio	Lower	Upper
278	100		
139	15.1	11.6	17.4
279	24.4	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 46.028 ng
RT: 17.52 min Scan# 2624
Delta R.T. 0.01 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Tgt Ion:276 Resp: 1233980

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.4
138	20.5	16.6	25.0

