

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
 Data File : BF113959.D
 Acq On : 24 Apr 2019 14:17
 Operator : JU/SJ
 Sample : K2542-07MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 25 01:22:56 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	135439	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	512508	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	264061	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	513094	20.00	ng	0.00
76) Chrysene-d12	14.06	240	324988	20.00	ng	0.00
87) Perylene-d12	15.56	264	388754	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	723152	91.32	ng	0.00
7) Phenol-d6	6.53	99	935134	94.12	ng	0.00
23) Nitrobenzene-d5	7.45	82	562411	67.76	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	290150	90.20	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1042041	61.72	ng	0.00
79) Terphenyl-d14	13.00	244	1114559	70.31	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.73	88	106239	28.461	ng	97
3) Pyridine	3.49	79	277447	27.230	ng	99
4) n-Nitrosodimethylamine	3.43	42	102632	29.426	ng	98
6) Aniline	6.56	93	312749	22.924	ng	99
8) 2-Chlorophenol	6.68	128	280510	31.027	ng	98
9) Benzaldehyde	6.44	77	68856	7.647	ng	96
10) Phenol	6.54	94	357391	30.083	ng	98
11) bis(2-Chloroethyl)ether	6.63	93	277041	30.989	ng	98
12) 1,3-Dichlorobenzene	6.84	146	323138	31.558	ng	99
13) 1,4-Dichlorobenzene	6.92	146	323373	31.399	ng	100
14) 1,2-Dichlorobenzene	7.07	146	306666	32.400	ng	99
15) Benzyl Alcohol	7.03	79	205769	30.752	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	313192	30.011	ng	91
17) 2-Methylphenol	7.15	107	257270	32.463	ng	97
18) Hexachloroethane	7.41	117	110465	30.598	ng	95
19) n-Nitroso-di-n-propylamine	7.30	70	197663	30.722	ng	99
20) 3+4-Methylphenols	7.30	107	295729	33.029	ng	# 68
22) Acetophenone	7.30	105	393642	34.515	ng	# 93
24) Nitrobenzene	7.47	77	301142	32.834	ng	95
25) Isophorone	7.71	82	545486	32.117	ng	99
26) 2-Nitrophenol	7.79	139	148265	35.435	ng	98
27) 2,4-Dimethylphenol	7.83	122	240067	35.215	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	344540	31.835	ng	100
29) 2,4-Dichlorophenol	8.03	162	258455	33.154	ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	286076	32.912	ng	98
31) Naphthalene	8.20	128	817298	33.569	ng	99
32) Benzoic acid	7.90	122	49896	10.838	ng	94
33) 4-Chloroaniline	8.24	127	211436	20.524	ng	98
34) Hexachlorobutadiene	8.32	225	168134	31.029	ng	98
35) Caprolactam	8.60	113	71112	28.676	ng	89
36) 4-Chloro-3-methylphenol	8.72	107	251378	32.548	ng	99
37) 2-Methylnaphthalene	8.89	142	553039	33.685	ng	99
38) 1-Methylnaphthalene	8.99	142	517268	32.643	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	281433	32.810	ng	100

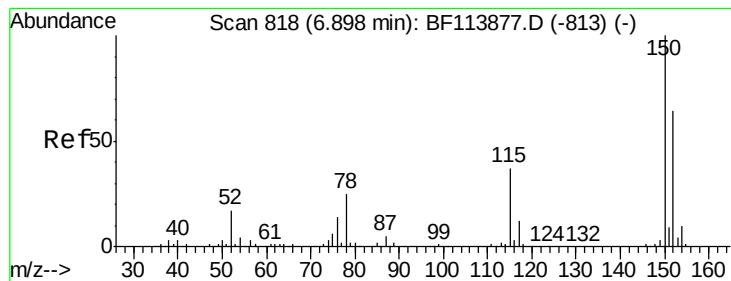
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
 Data File : BF113959.D
 Acq On : 24 Apr 2019 14:17
 Operator : JU/SJ
 Sample : K2542-07MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 25 01:22:56 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)
41) Hexachlorocyclopentadiene	9.05	237	277858	58.090	ng	99
43) 2,4,6-Trichlorophenol	9.17	196	188169	34.547	ng	99
44) 2,4,5-Trichlorophenol	9.21	196	207213	33.918	ng	97
46) 1,1'-Biphenyl	9.35	154	686872	34.050	ng	99
47) 2-Chloronaphthalene	9.38	162	546910	33.339	ng	99
48) 2-Nitroaniline	9.47	65	153525	35.700	ng	91
49) Acenaphthylene	9.79	152	848247	33.029	ng	98
50) Dimethylphthalate	9.65	163	831358	43.533	ng	99
51) 2,6-Dinitrotoluene	9.71	165	144833	35.350	ng	97
52) Acenaphthene	9.97	154	517540	34.100	ng	97
53) 3-Nitroaniline	9.87	138	115902	26.921	ng	94
54) 2,4-Dinitrophenol	9.98	184	68763	43.077	ng	# 9
55) Dibenzofuran	10.14	168	761917	33.514	ng	99
56) 4-Nitrophenol	10.04	139	216750	63.585	ng	96
57) 2,4-Dinitrotoluene	10.11	165	190896	36.914	ng	97
58) Fluorene	10.48	166	573129	33.484	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	172565	32.142	ng	99
60) Diethylphthalate	10.35	149	609329	33.599	ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	302544	33.376	ng	98
62) 4-Nitroaniline	10.49	138	139068	33.100	ng	97
63) Azobenzene	10.63	77	563289	32.048	ng	99
65) 4,6-Dinitro-2-methylphenol	10.52	198	58580	28.425	ng	95
66) n-Nitrosodiphenylamine	10.59	169	524330	34.057	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	196363	31.680	ng	97
68) Hexachlorobenzene	11.03	284	216495	31.784	ng	96
69) Atrazine	11.11	200	173139	34.571	ng	99
70) Pentachlorophenol	11.22	266	198679	51.518	ng	98
71) Phenanthrene	11.44	178	852216	33.050	ng	99
72) Anthracene	11.49	178	882600	33.895	ng	99
73) Carbazole	11.64	167	779199	33.541	ng	99
74) Di-n-butylphthalate	11.97	149	917039	33.558	ng	99
75) Fluoranthene	12.63	202	843494	29.982	ng	98
77) Benzidine	12.74	184	215004	22.204	ng	99
78) Pyrene	12.86	202	826558	36.369	ng	98
80) Butylbenzylphthalate	13.47	149	332978	37.238	ng	99
81) Benzo(a)anthracene	14.05	228	647365	33.809	ng	99
82) 3,3'-Dichlorobenzidine	14.01	252	209085	29.792	ng	# 98
83) Chrysene	14.09	228	651748	34.950	ng	97
84) Bis(2-ethylhexyl)phthalate	14.04	149	441022	38.765	ng	99
85) Di-n-octyl phthalate	14.67	149	680494	38.214	ng	98
86) Indeno(1,2,3-cd)pyrene	17.06	276	886448	50.184	ng	98
88) Benzo(b)fluoranthene	15.13	252	746515	30.351	ng	99
89) Benzo(k)fluoranthene	15.16	252	630848	29.817	ng	100
90) Benzo(a)pyrene	15.50	252	696066	32.718	ng	99
91) Dibenzo(a,h)anthracene	17.07	278	743070	37.208	ng	100
92) Benzo(g,h,i)perylene	17.51	276	746729	37.051	ng	99

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

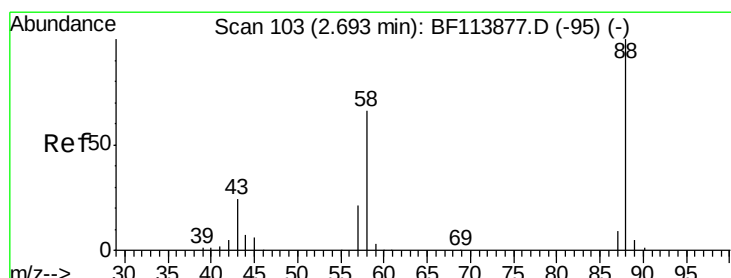
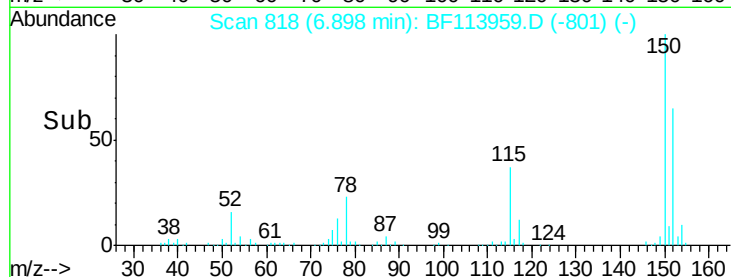
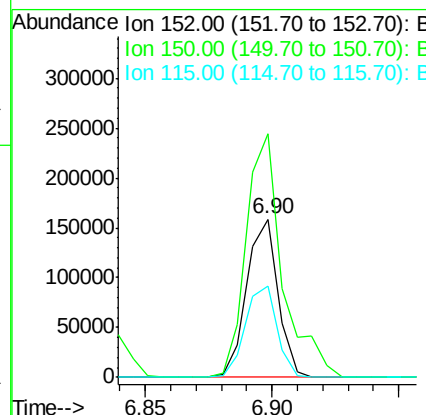
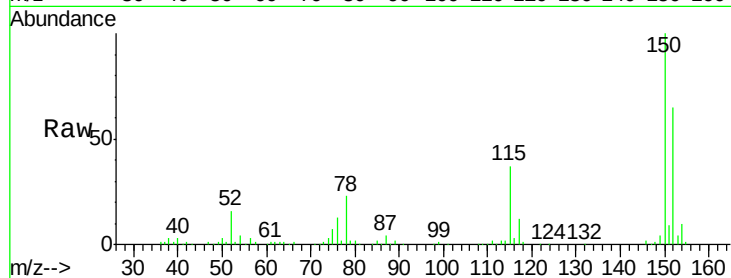


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF113959.D
Acq: 24 Apr 2019 14:17

Instrument :
BNA_F
ClientSampleId :

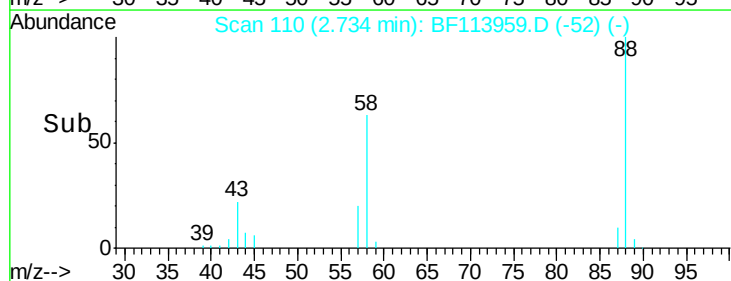
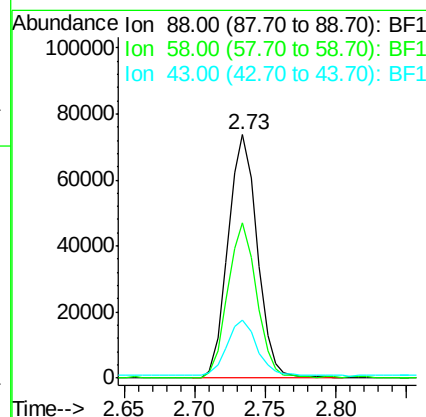
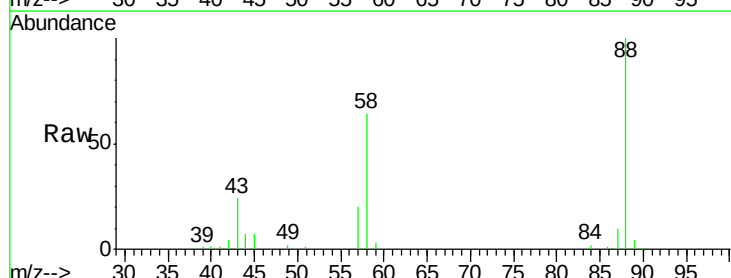
Tot Ion:152 Resp: 135439
Ion Ratio Lower Upper
152 100
150 154.2 125.9 188.9
115 57.5 45.9 68.9

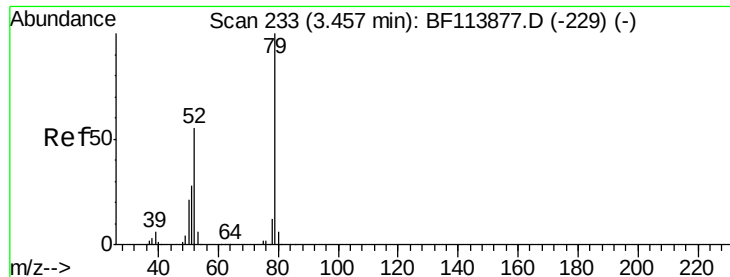


#2

1,4-Dioxane
Concen: 28.461 ng
RT: 2.73 min Scan# 110
Delta R.T. 0.04 min
Lab File: BF113959.D
Acq: 24 Apr 2019 14:17

Tgt Ion: 88 Resp: 106239
Ion Ratio Lower Upper
88 100
58 63.4 53.3 79.9
43 23.7 19.0 28.4





#3

Pvridine

Concen: 27.230 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.04 min

Lab File: BF113959.D

Acq: 24 Apr 2019 14:17

Instrument :

BNA_F

ClientSampleId :

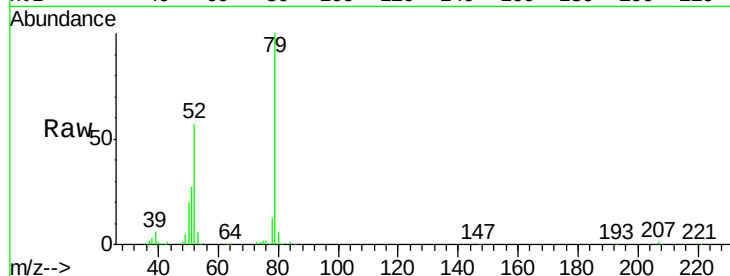
Tot Ion: 79 Resp: 277447

Ion Ratio Lower Upper

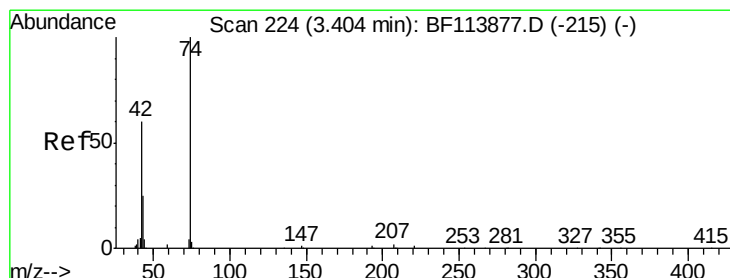
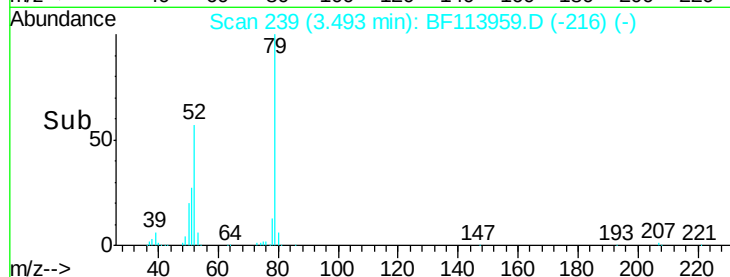
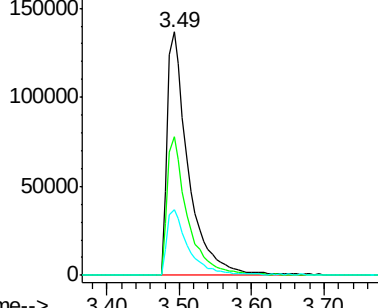
79 100

52 57.2 45.3 67.9

51 26.9 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: 29.426 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.02 min

Lab File: BF113959.D

Acq: 24 Apr 2019 14:17

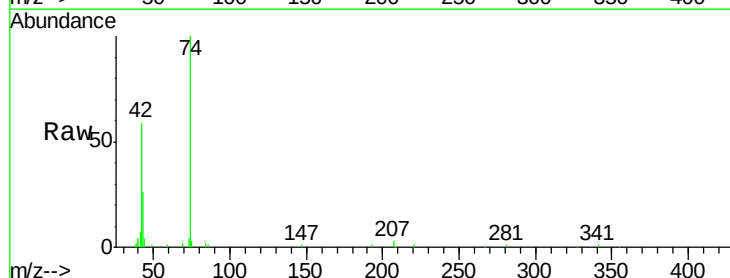
Tgt Ion: 42 Resp: 102632

Ion Ratio Lower Upper

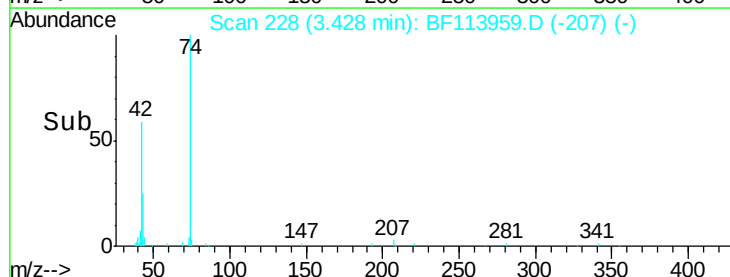
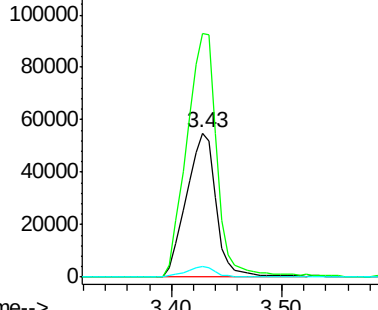
42 100

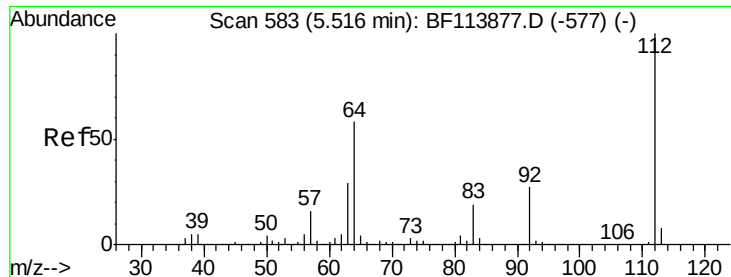
74 168.9 132.6 198.8

44 7.0 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: 91.321 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.01 min

Lab File: BF113959.D

Acq: 24 Apr 2019 14:17

Instrument :

BNA_F

ClientSampled :

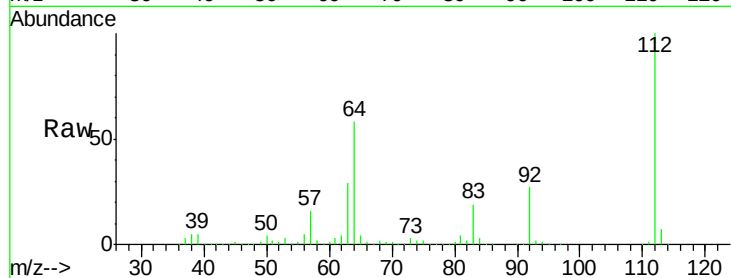
Tot Ion: 112 Resp: 723152

Ion Ratio Lower Upper

112 100

64 58.2 46.6 69.8

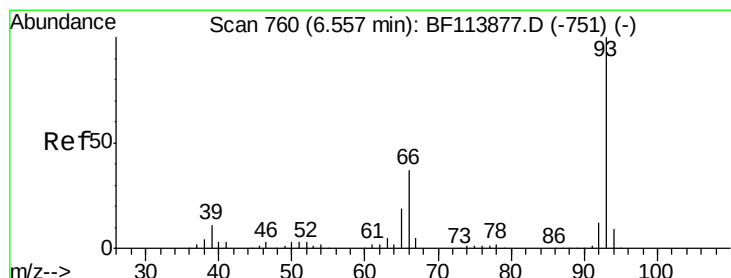
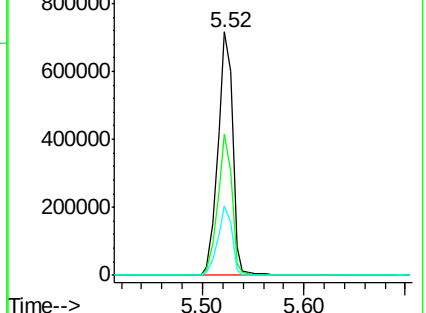
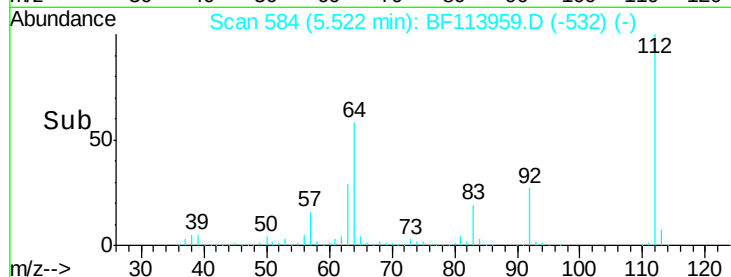
63 28.8 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.924 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF113959.D

Acq: 24 Apr 2019 14:17

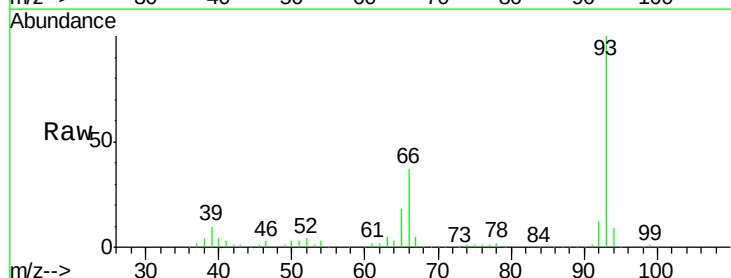
Tgt Ion: 93 Resp: 312749

Ion Ratio Lower Upper

93 100

66 36.8 29.8 44.6

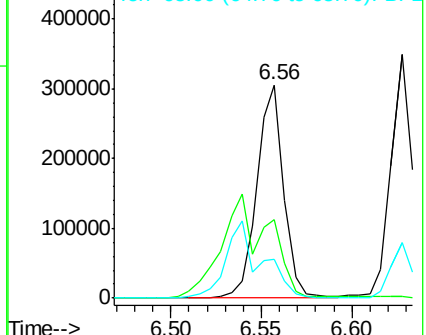
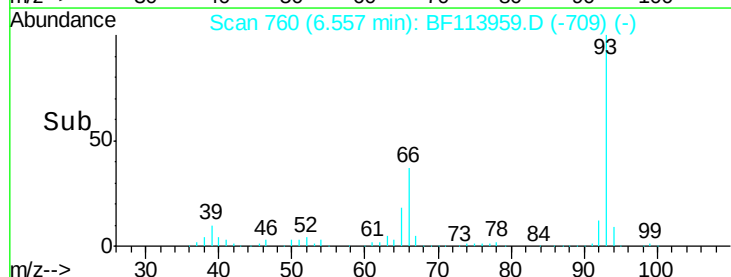
65 18.4 14.9 22.3

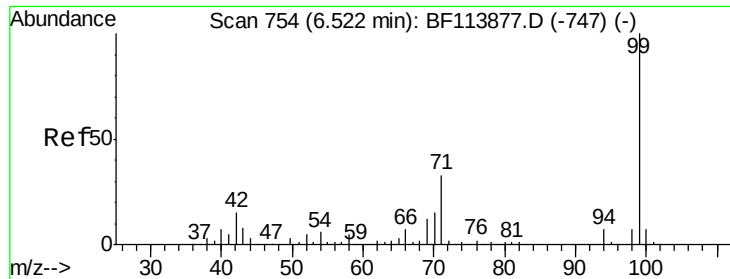


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 94.125 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF113959.D

Acq: 24 Apr 2019 14:17

Instrument :

BNA_F

ClientSampleId :

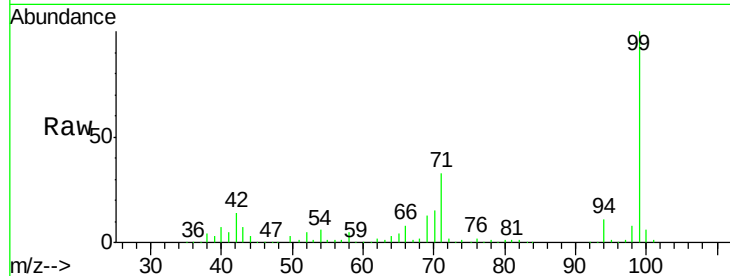
Tot Ion: 99 Resp: 935134

Ion Ratio Lower Upper

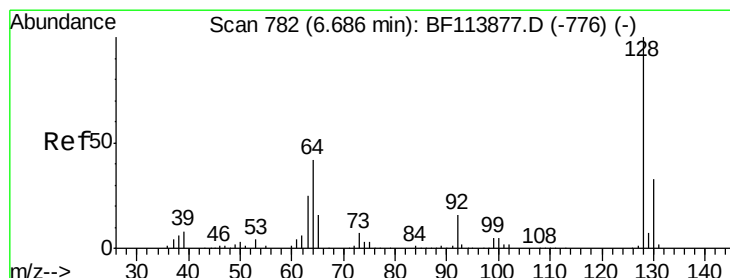
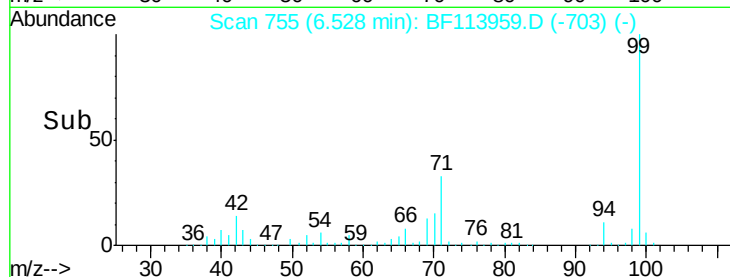
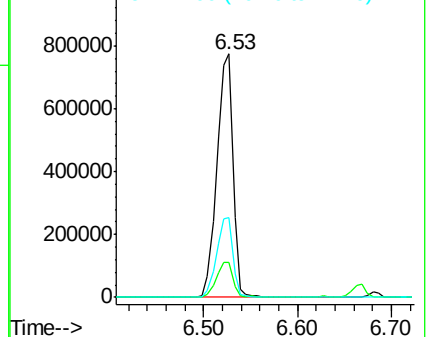
99 100

42 14.4 12.5 18.7

71 32.6 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: 31.027 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF113959.D

Acq: 24 Apr 2019 14:17

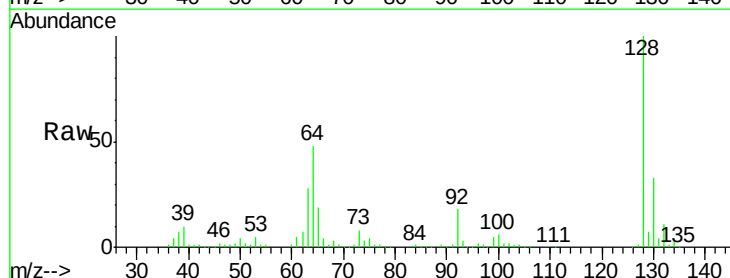
Tgt Ion: 128 Resp: 280510

Ion Ratio Lower Upper

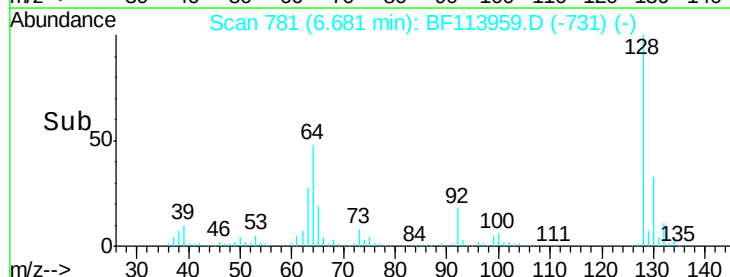
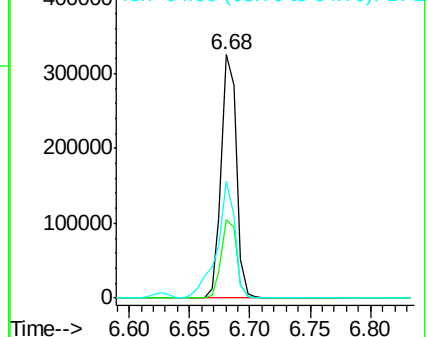
128 100

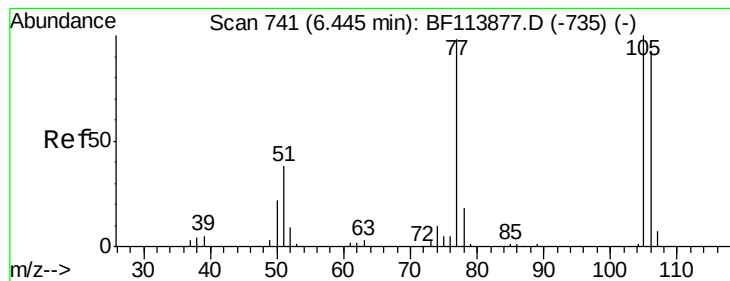
130 32.5 12.3 52.3

64 48.0 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: 7.647 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF113959.D

Acq: 24 Apr 2019 14:17

Instrument :

BNA_F

ClientSampleId :

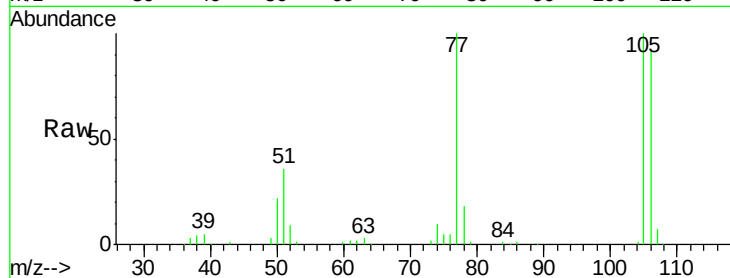
Tot Ion: 77 Resp: 68856

Ion Ratio Lower Upper

77 100

105 100.0 74.1 114.1

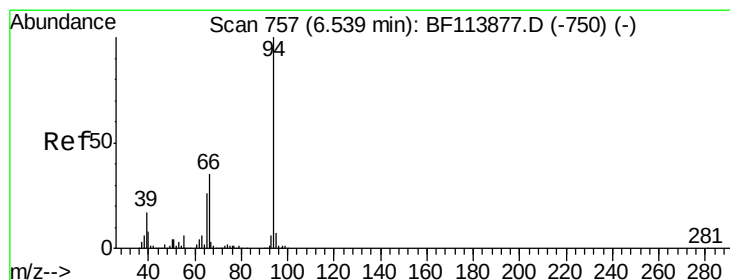
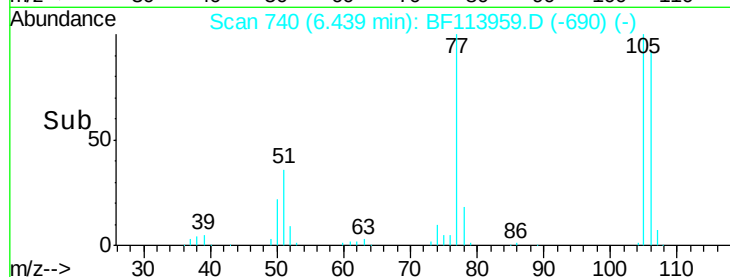
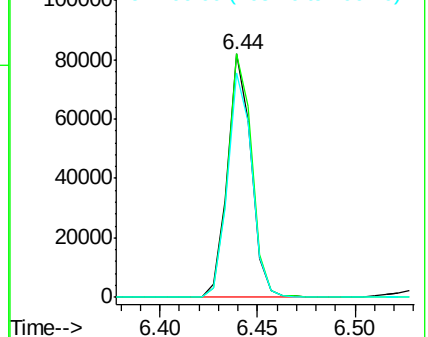
106 92.4 70.3 110.3



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: 30.083 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF113959.D

Acq: 24 Apr 2019 14:17

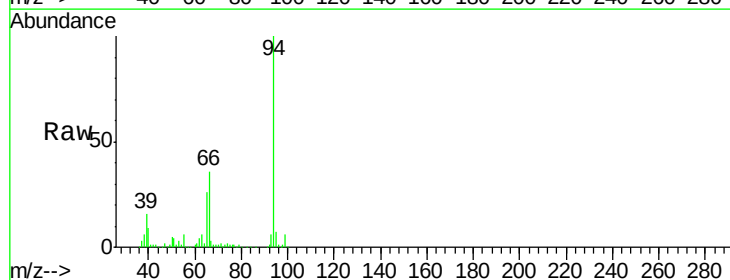
Tgt Ion: 94 Resp: 357391

Ion Ratio Lower Upper

94 100

65 26.2 8.1 48.1

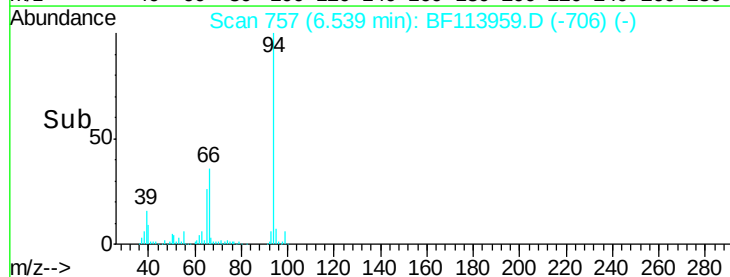
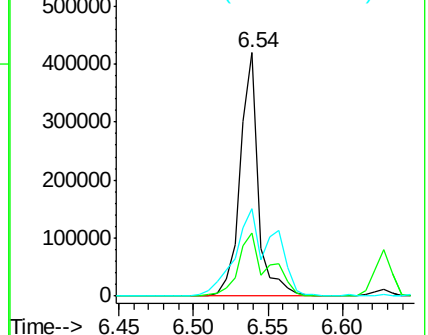
66 35.7 16.6 56.6

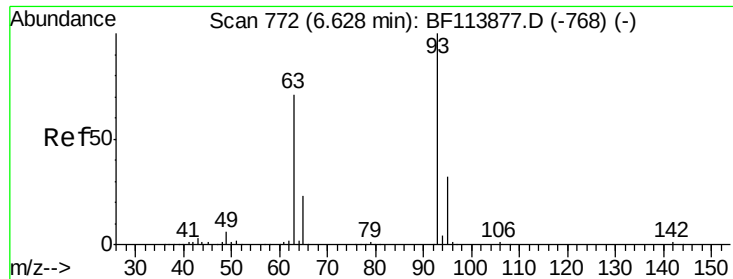


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 30.989 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF113959.D

Acq: 24 Apr 2019 14:17

Instrument :

BNA_F

ClientSampled :

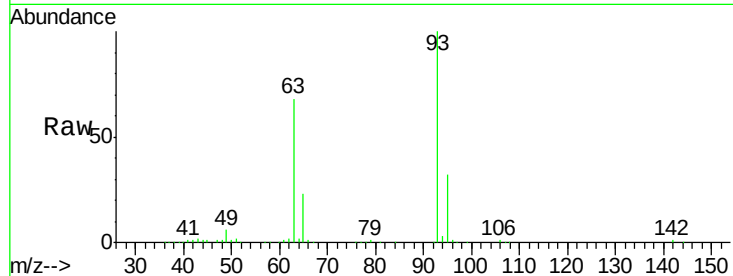
Tot Ion: 93 Resp: 277041

Ion Ratio Lower Upper

93 100

63 68.1 50.7 90.7

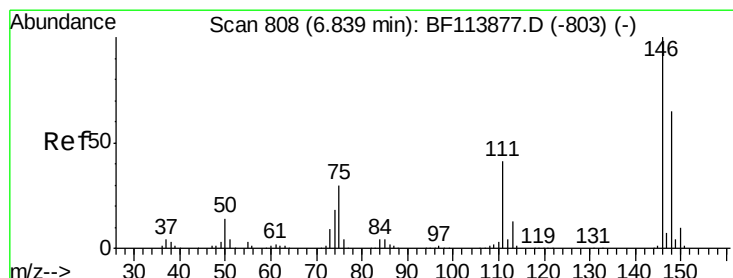
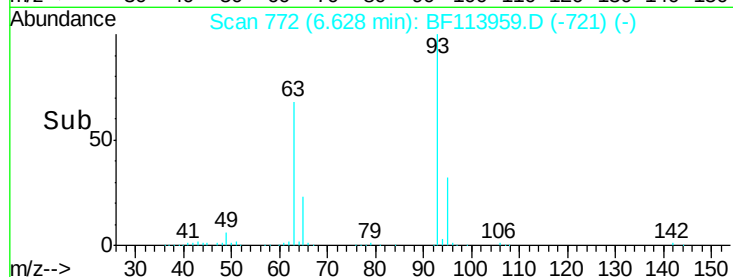
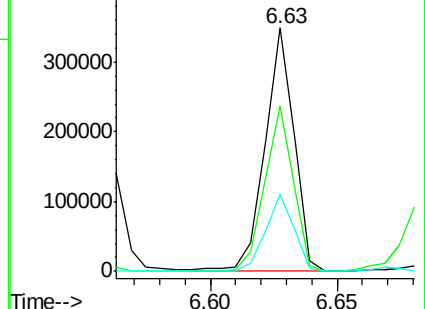
95 31.7 12.3 52.3



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: 31.558 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF113959.D

Acq: 24 Apr 2019 14:17

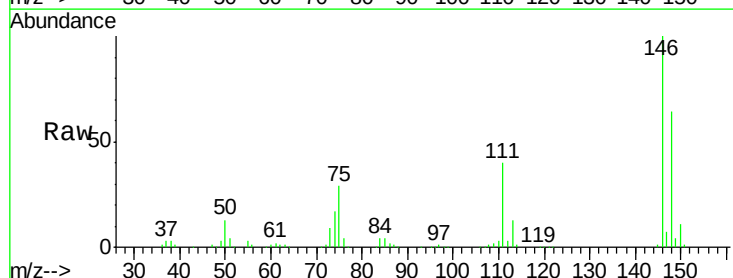
Tgt Ion: 146 Resp: 323138

Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.6

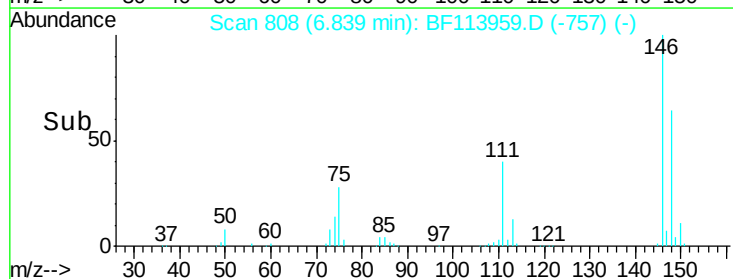
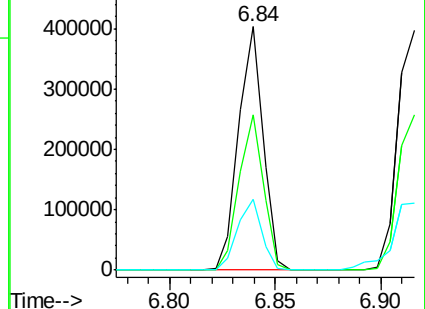
75 28.8 23.8 35.8

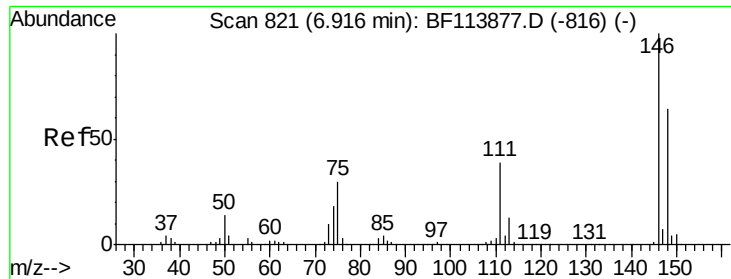


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

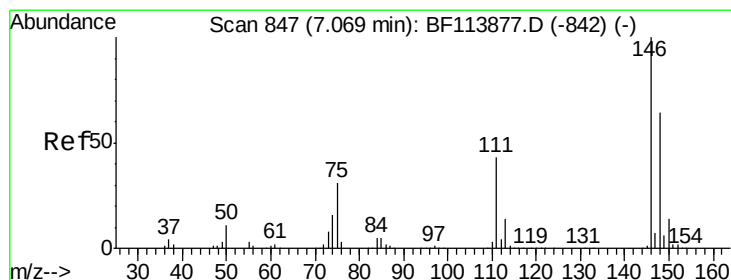
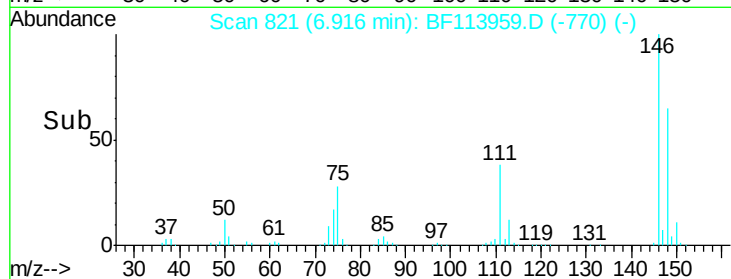
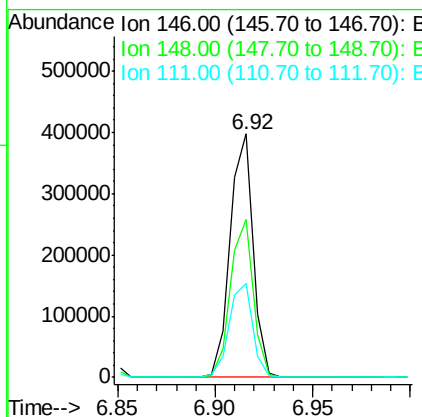
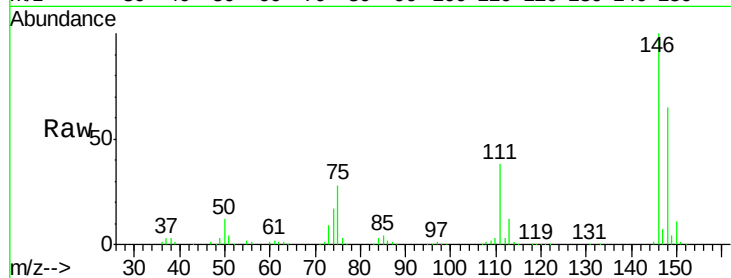




#13
 1,4-Dichlorobenzene
 Concen: 31.399 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF113959.D
 Acq: 24 Apr 2019 14:17

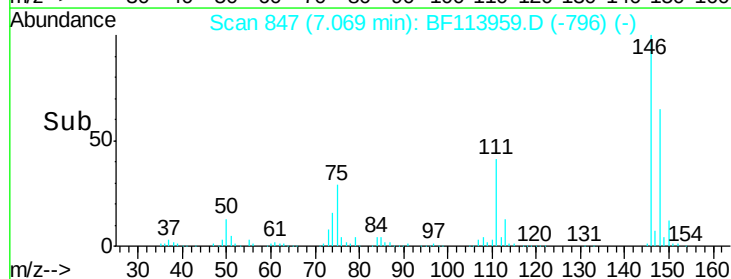
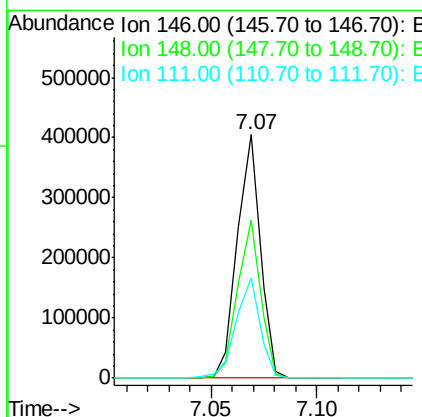
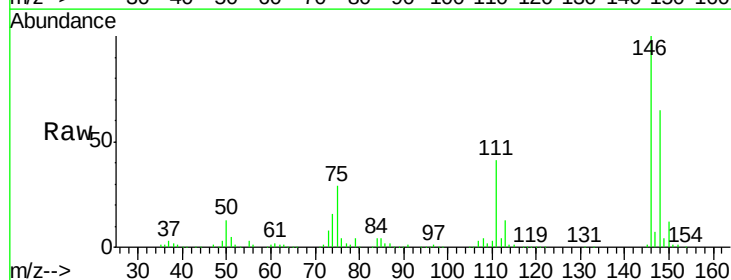
Instrument :
 BNA_F
 ClientSampled :

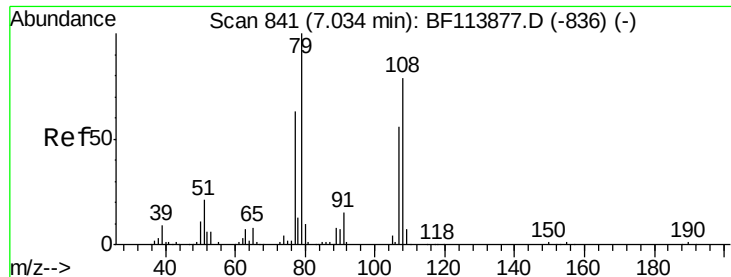
Tot Ion:146 Resp: 323373
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.8 77.8
 111 38.4 30.9 46.3



#14
 1,2-Dichlorobenzene
 Concen: 32.400 ng
 RT: 7.07 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BF113959.D
 Acq: 24 Apr 2019 14:17

Tgt Ion:146 Resp: 306666
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.1 78.1
 111 41.2 34.2 51.4





#15

Benzyl Alcohol

Concen: 30.752 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF113959.D

Acq: 24 Apr 2019 14:17

Instrument :

BNA_F

ClientSampleId :

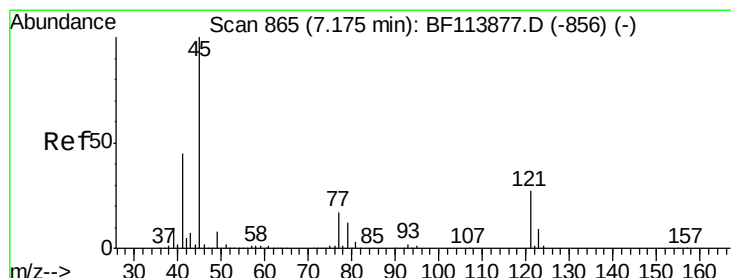
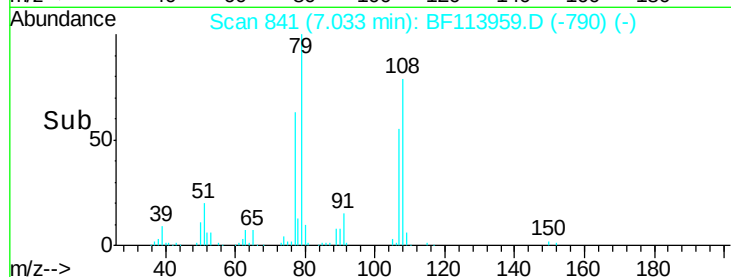
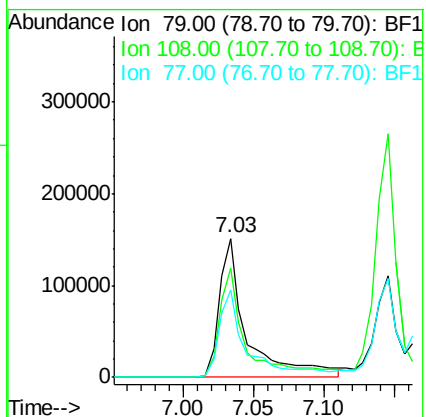
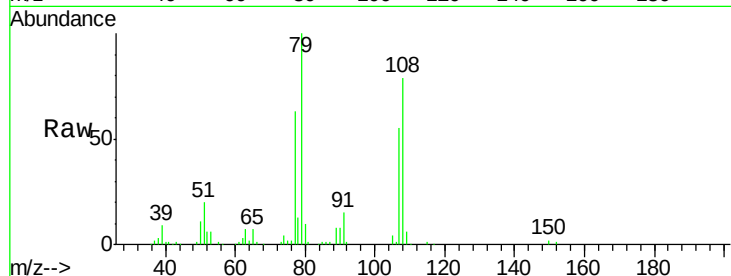
Tot Ion: 79 Resp: 205769

Ion Ratio Lower Upper

79 100

108 78.9 61.4 92.0

77 62.7 51.6 77.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 30.011 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF113959.D

Acq: 24 Apr 2019 14:17

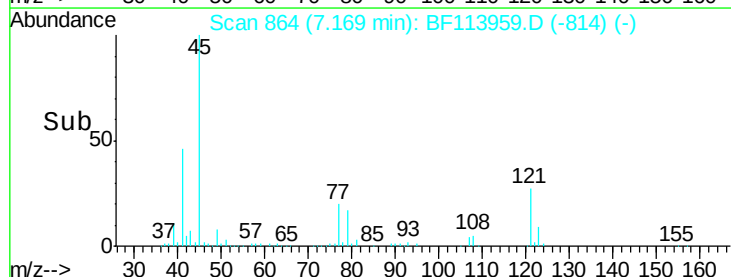
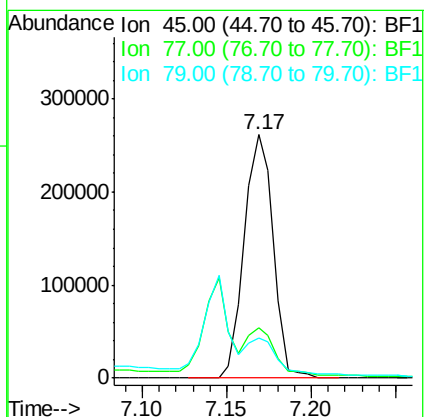
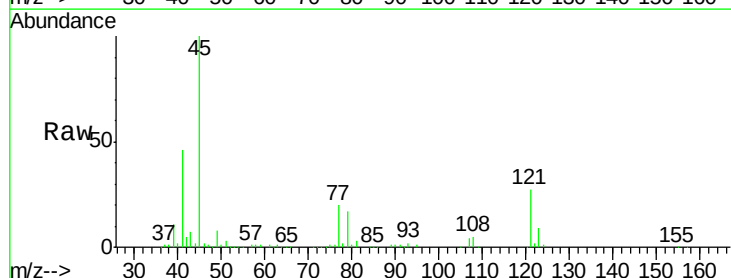
Tgt Ion: 45 Resp: 313192

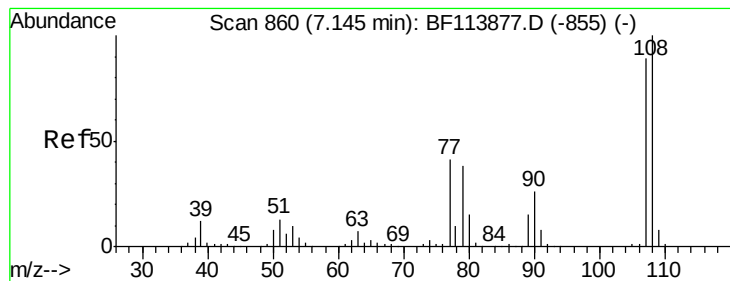
Ion Ratio Lower Upper

45 100

77 20.5 0.0 37.0

79 16.5 0.0 32.7

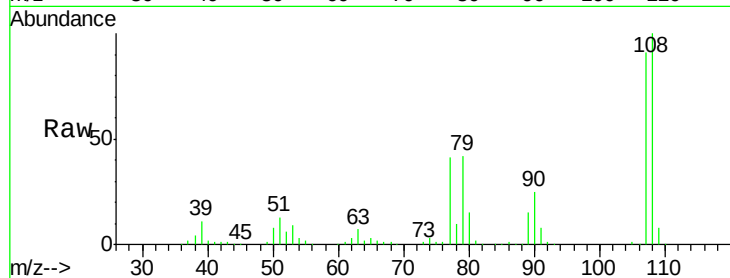




#17
2-Methylphenol
Concen: 32.463 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF113959.D
Acq: 24 Apr 2019 14:17

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.0	91.5	137.3
77	44.8	36.2	54.4
79	46.1	35.4	53.0



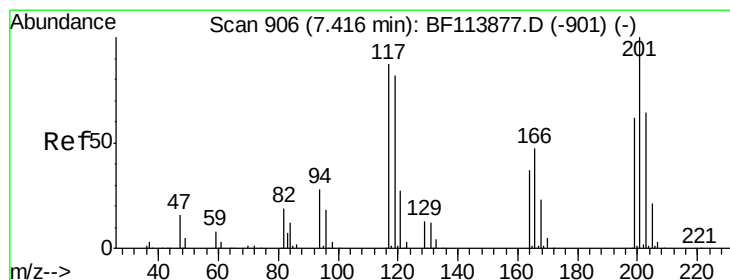
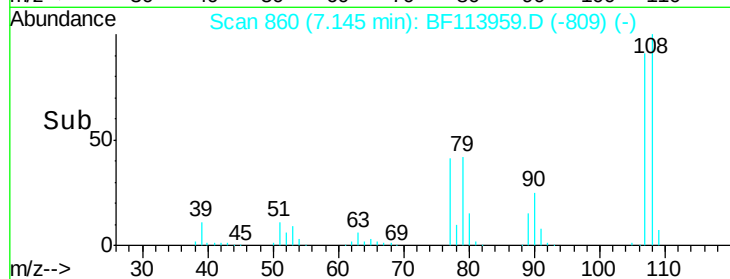
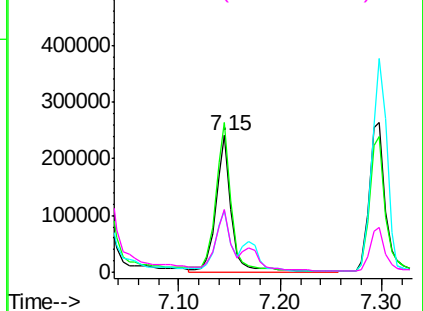
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

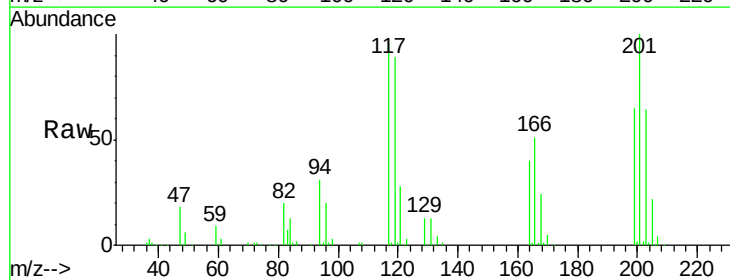
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 30.598 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF113959.D
Acq: 24 Apr 2019 14:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.8	74.4	111.6
201	103.9	90.2	135.2

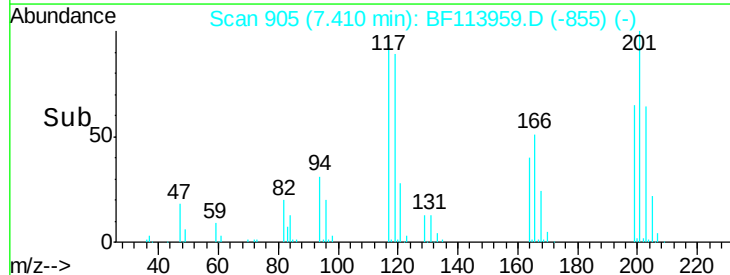
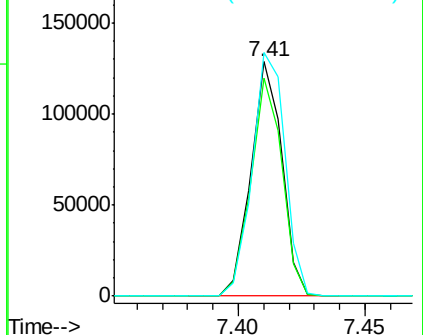


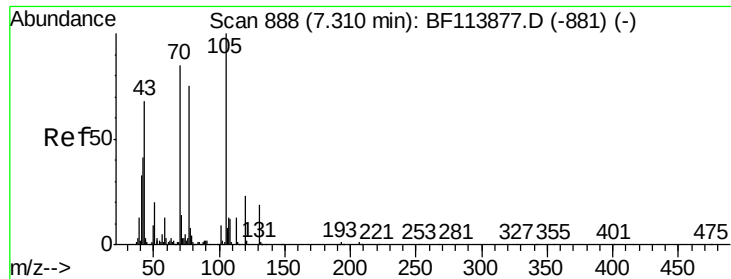
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

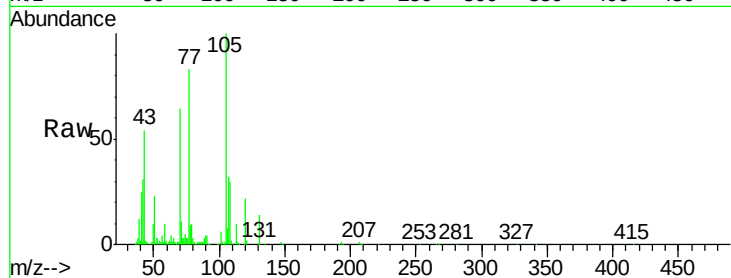




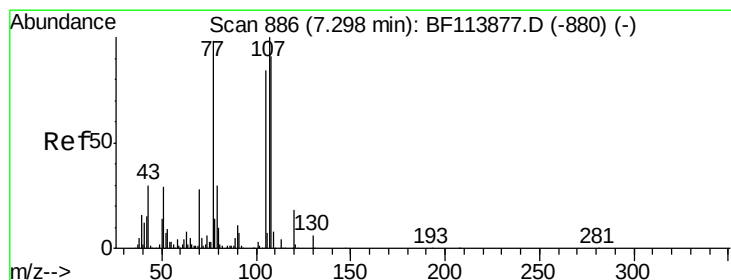
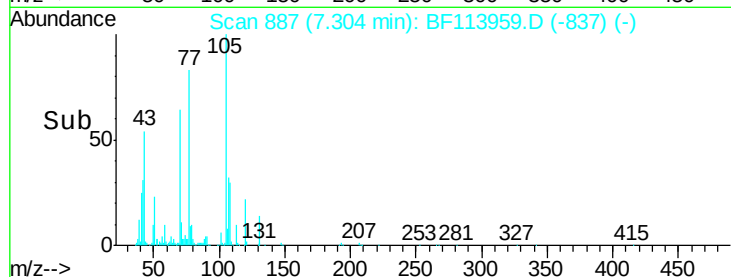
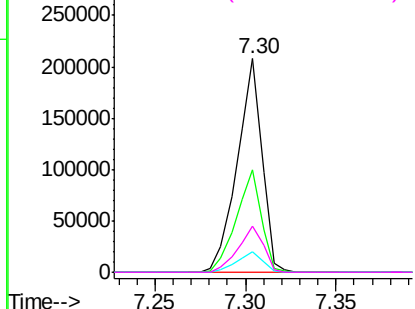
#19
n-Nitroso-di-n-propylamine
Concen: 30.722 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF113959.D
Acq: 24 Apr 2019 14:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	197663
Ion	Ratio	Lower	Upper
70	100		
42	47.7	37.3	55.9
101	9.8	7.8	11.8
130	21.9	18.2	27.2

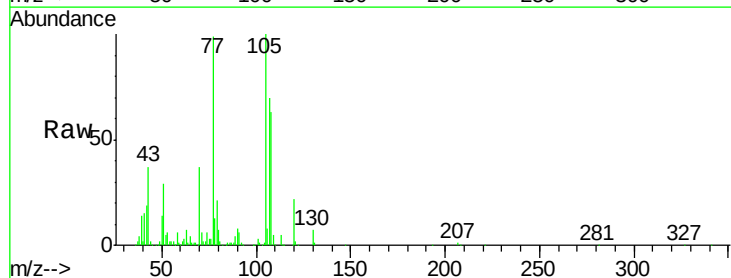


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

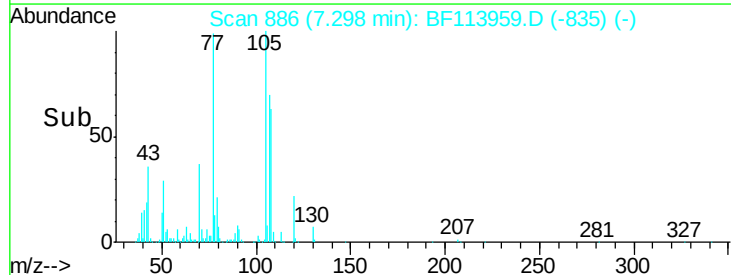
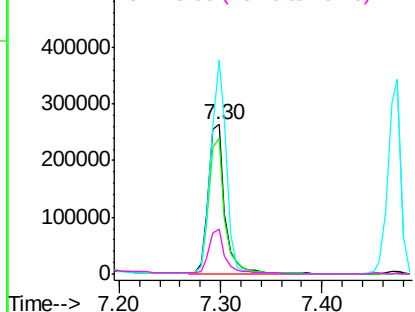


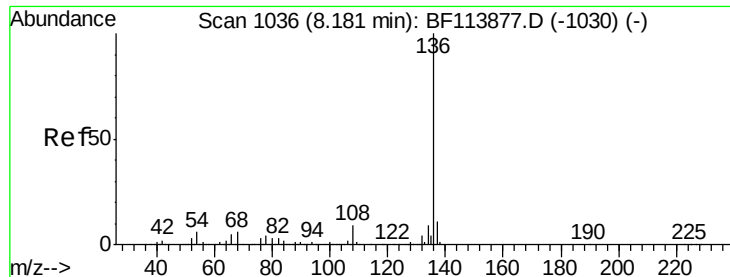
#20
3+4-Methylphenols
Concen: 33.029 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF113959.D
Acq: 24 Apr 2019 14:17

Tgt Ion:	107	Resp:	295729
Ion	Ratio	Lower	Upper
107	100		
108	90.5	70.1	110.1
77	142.9	52.9	92.9#
79	30.3	10.2	50.2



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF113959.D

Acq: 24 Apr 2019 14:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 512508

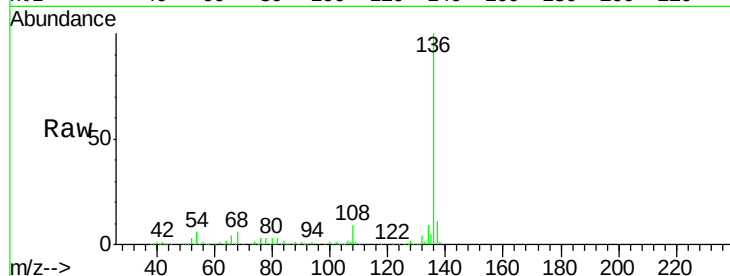
Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 5.8 5.0 7.6

68 5.6 4.9 7.3

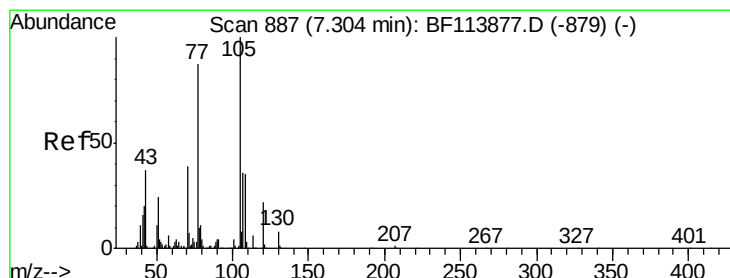
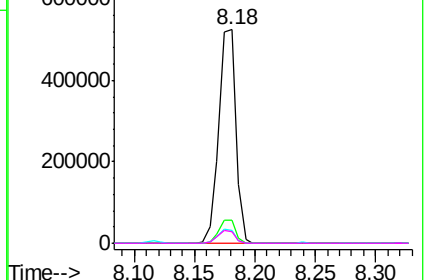
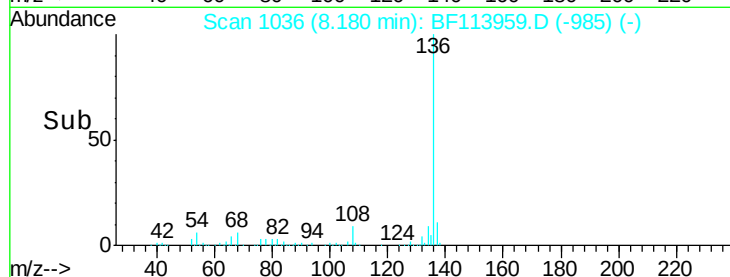


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.515 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF113959.D

Acq: 24 Apr 2019 14:17

Tgt Ion:105 Resp: 393642

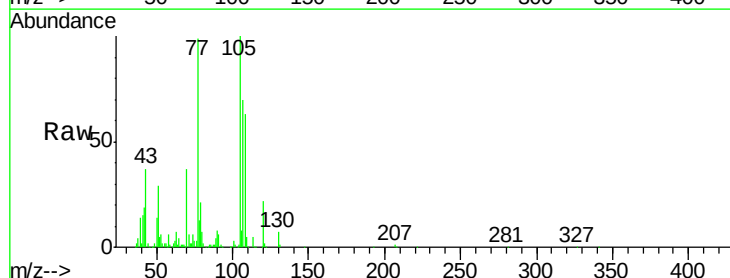
Ion Ratio Lower Upper

105 100

71 6.3 6.1 9.1

51 28.7 16.8 25.2#

120 22.0 17.6 26.4

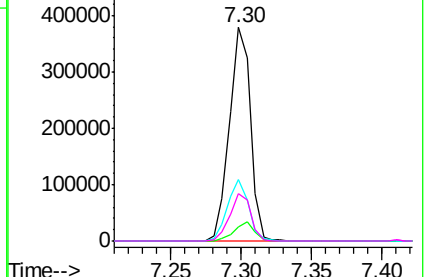
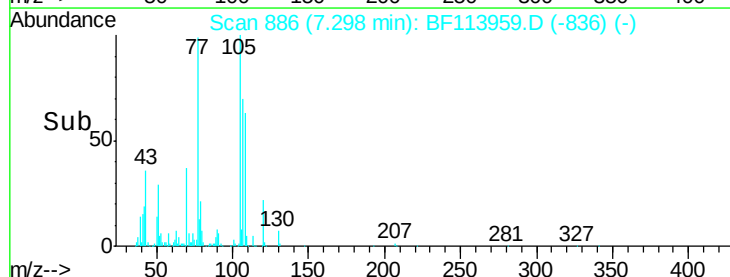


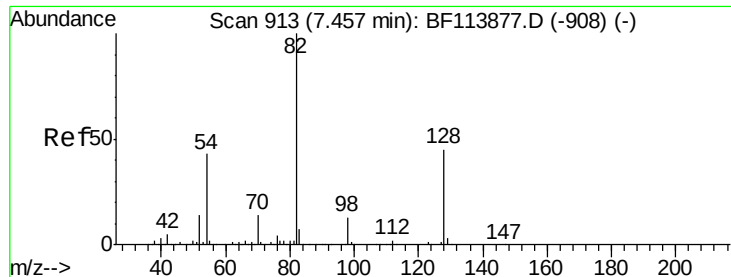
Abundance Ion 105.00 (104.70 to 105.70): E

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

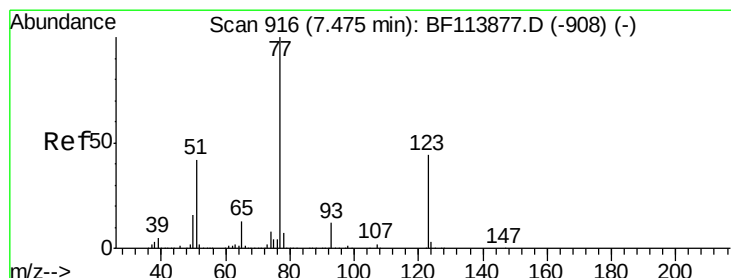
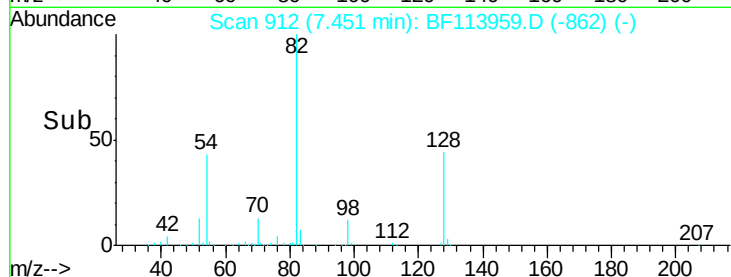
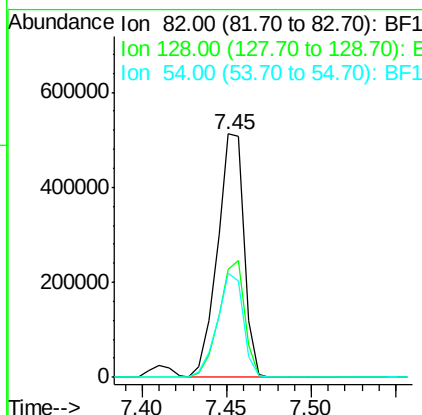
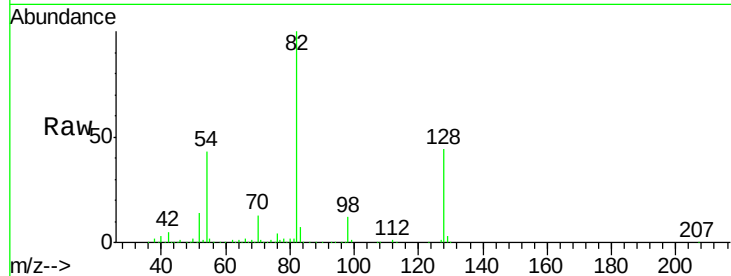




#23
 Nitrobenzene-d5
 Concen: 67.756 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF113959.D
 Acq: 24 Apr 2019 14:17

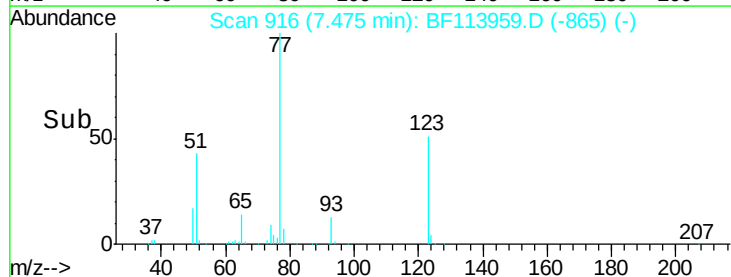
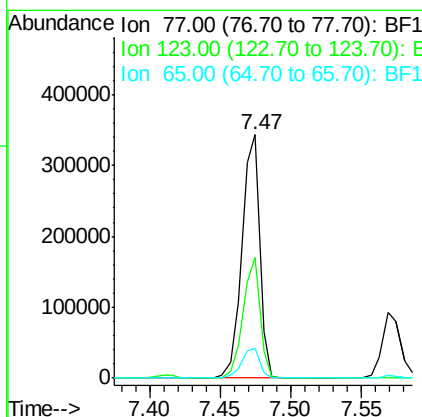
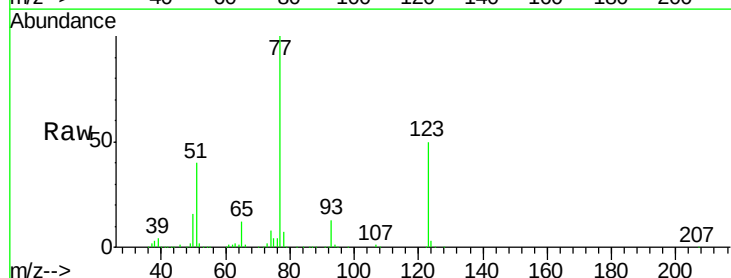
Instrument :
 BNA_F
 ClientSampleId :

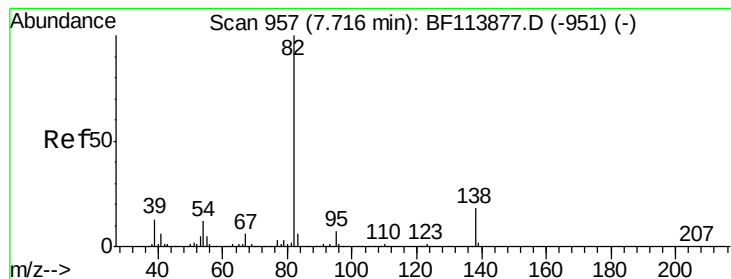
Tot Ion	82	Resp	562411
Ion Ratio	Lower	Upper	
82	100		
128	44.5	36.8	55.2
54	42.7	33.8	50.6



#24
 Nitrobenzene
 Concen: 32.834 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: BF113959.D
 Acq: 24 Apr 2019 14:17

Tgt Ion	77	Resp	301142
Ion Ratio	Lower	Upper	
77	100		
123	49.8	36.3	54.5
65	12.3	10.3	15.5





#25

Isophorone

Concen: 32.117 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF113959.D

Acq: 24 Apr 2019 14:17

Instrument :

BNA_F

ClientSampleId :

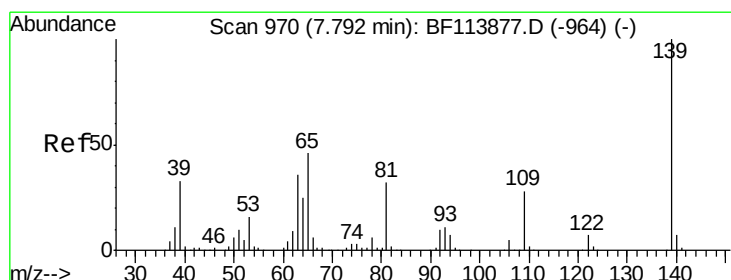
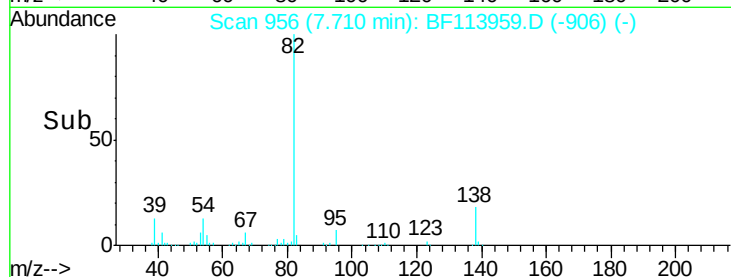
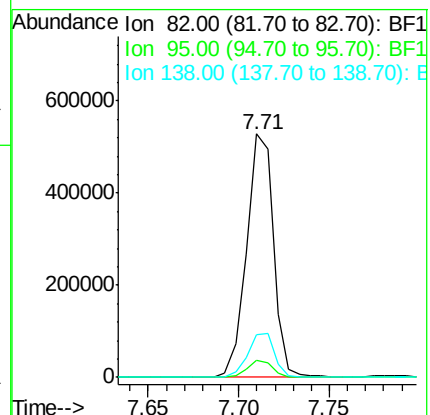
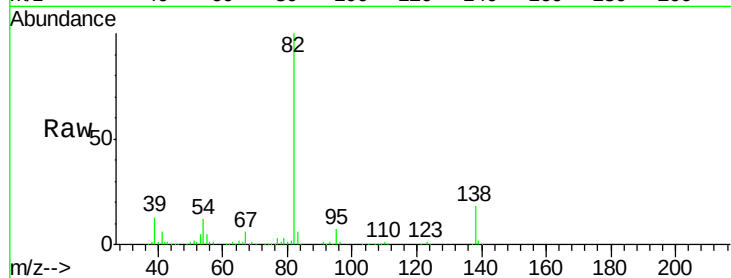
Tot Ion: 82 Resp: 545486

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

138 17.6 14.6 22.0



#26

2-Nitrophenol

Concen: 35.435 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF113959.D

Acq: 24 Apr 2019 14:17

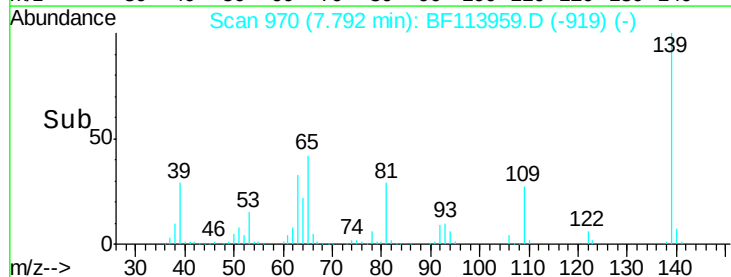
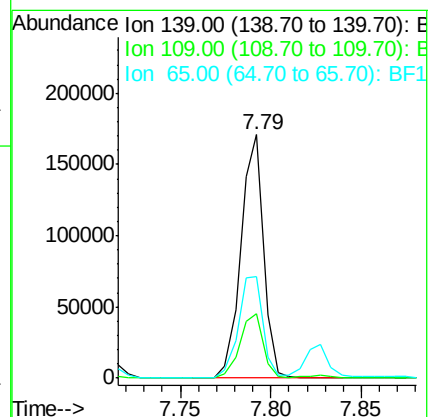
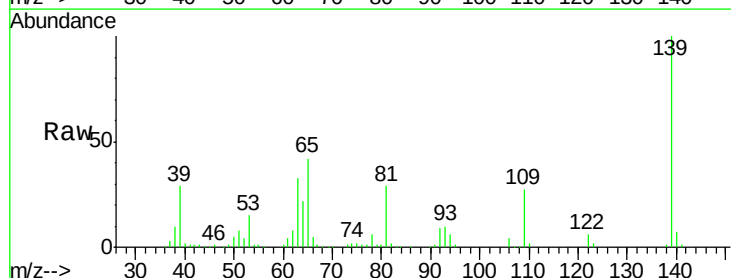
Tgt Ion: 139 Resp: 148265

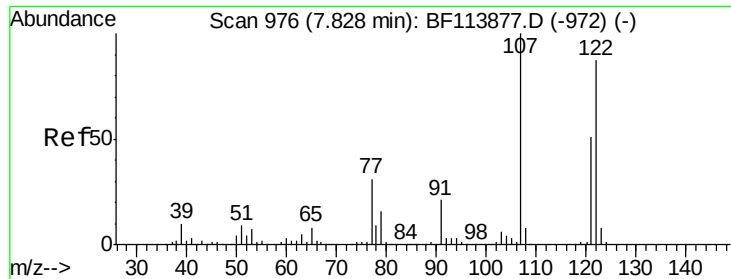
Ion Ratio Lower Upper

139 100

109 26.7 20.6 31.0

65 41.7 34.6 52.0





#27

2,4-Dimethylphenol

Concen: 35.215 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.00 min

Lab File: BF113959.D

Acq: 24 Apr 2019 14:17

Instrument :

BNA_F

ClientSampleId :

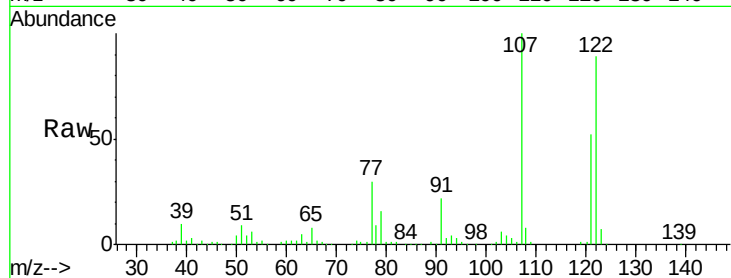
Tot Ion:122 Resp: 240067

Ion Ratio Lower Upper

122 100

107 112.2 91.2 136.8

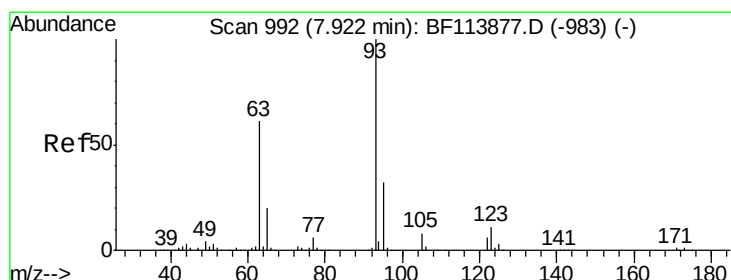
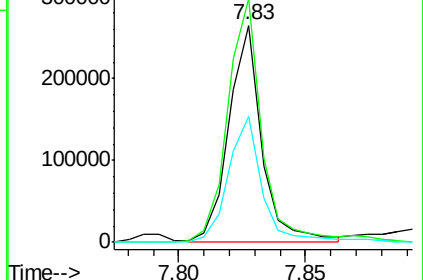
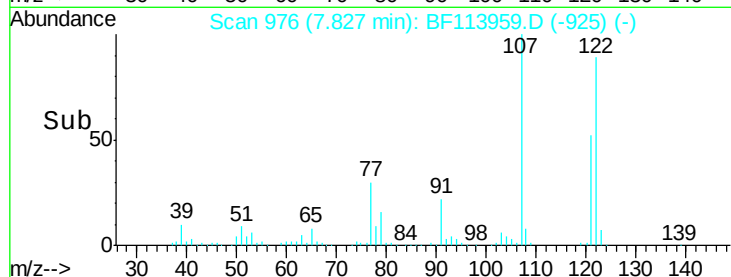
121 57.8 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 31.835 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.00 min

Lab File: BF113959.D

Acq: 24 Apr 2019 14:17

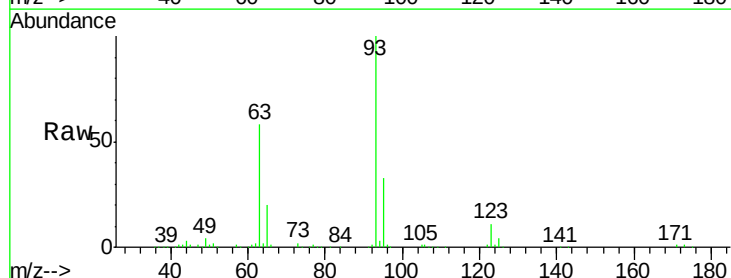
Tgt Ion: 93 Resp: 344540

Ion Ratio Lower Upper

93 100

95 32.5 25.8 38.6

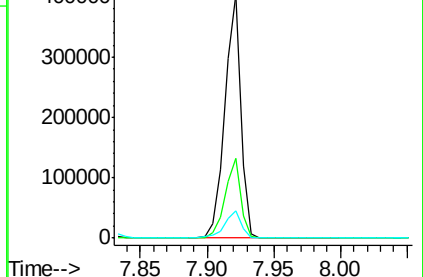
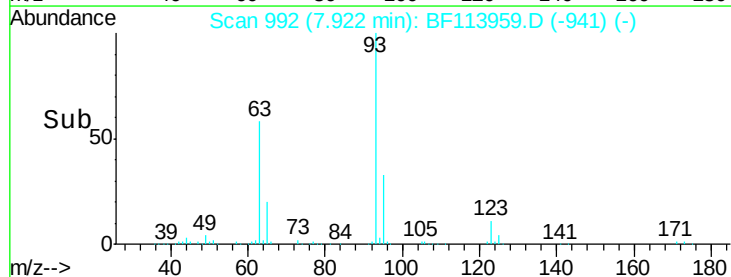
123 11.3 9.0 13.6

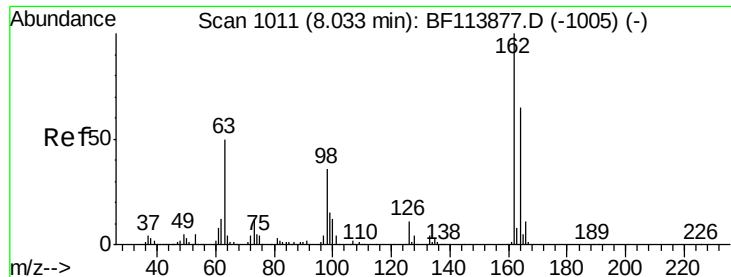


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

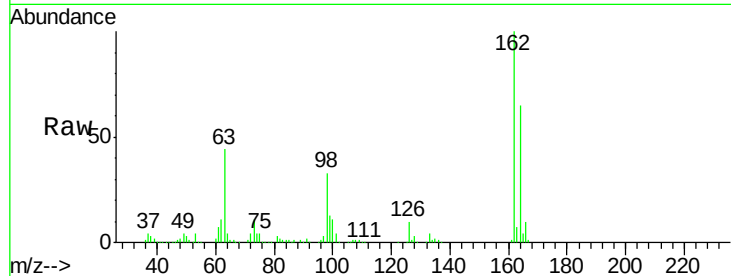




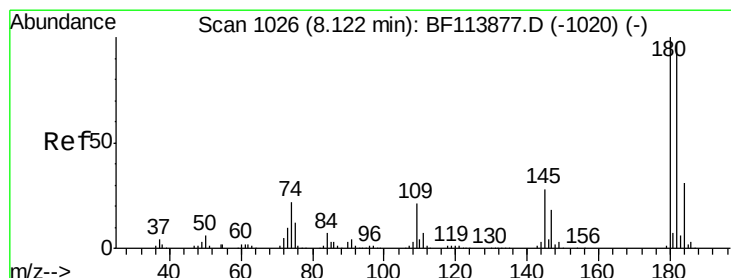
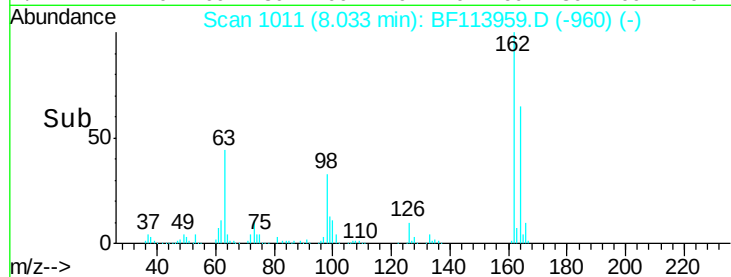
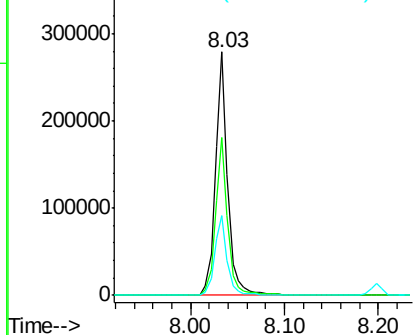
#29
 2,4-Dichlorophenol
 Concen: 33.154 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BF113959.D
 Acq: 24 Apr 2019 14:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	43.7	83.7
98	32.5	15.5	55.5

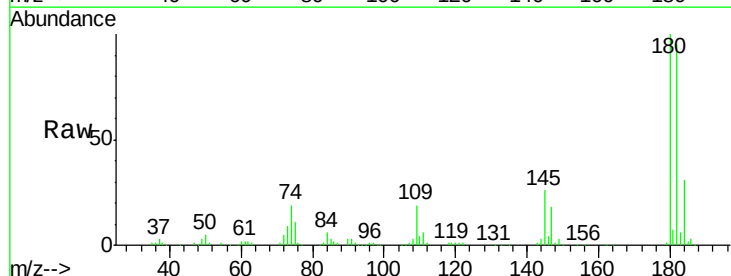


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

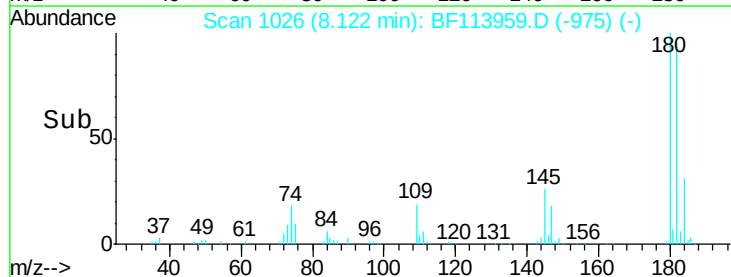
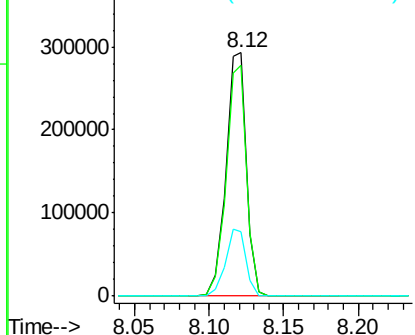


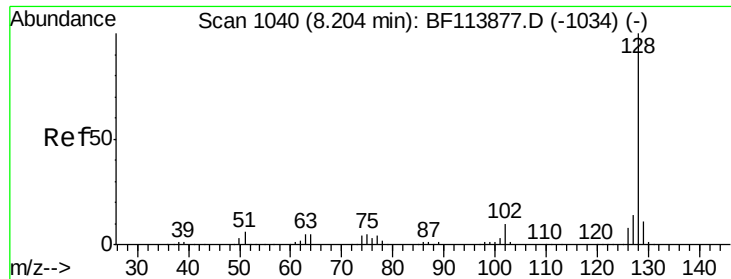
#30
 1,2,4-Trichlorobenzene
 Concen: 32.912 ng
 RT: 8.12 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BF113959.D
 Acq: 24 Apr 2019 14:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.4	113.0
145	26.3	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

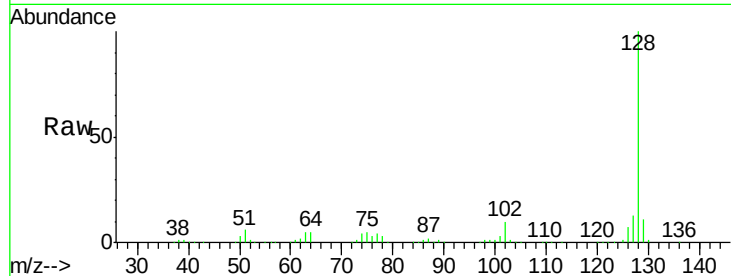




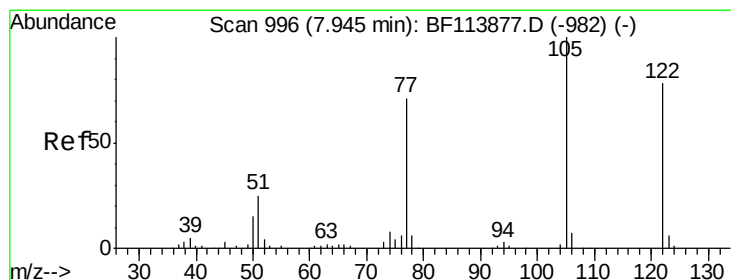
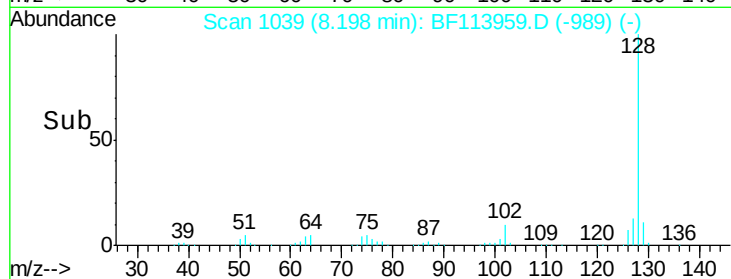
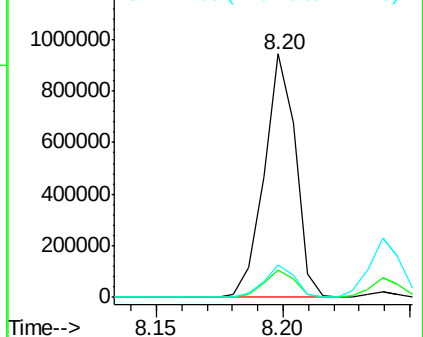
#31
Naphthalene
Concen: 33.569 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF113959.D
Acq: 24 Apr 2019 14:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 817298
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 13.2 10.8 16.2

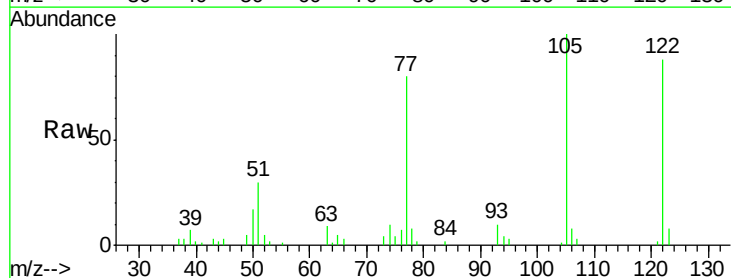


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

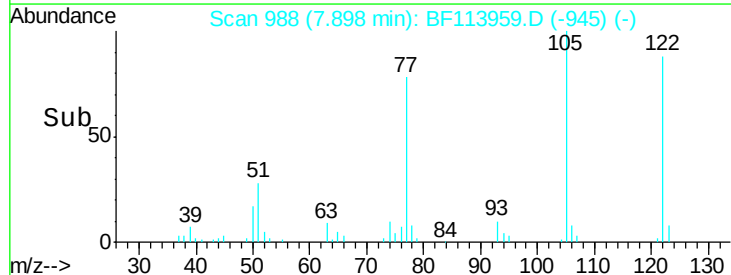
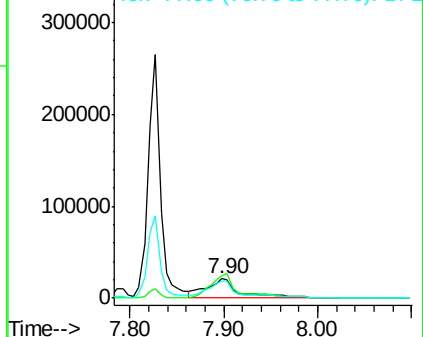


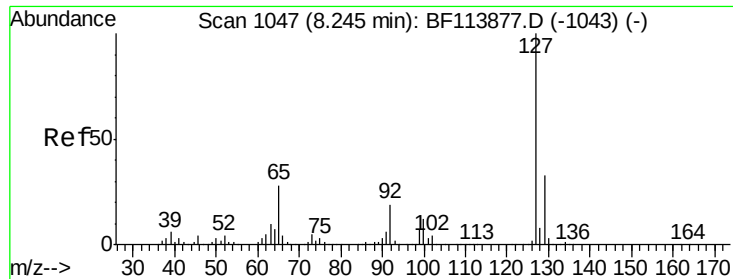
#32
Benzoic acid
Concen: 10.838 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.05 min
Lab File: BF113959.D
Acq: 24 Apr 2019 14:17

Tgt Ion:122 Resp: 49896
Ion Ratio Lower Upper
122 100
105 113.9 104.3 144.3
77 91.4 70.4 110.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

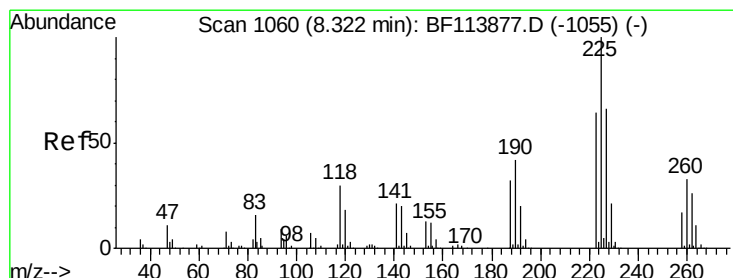
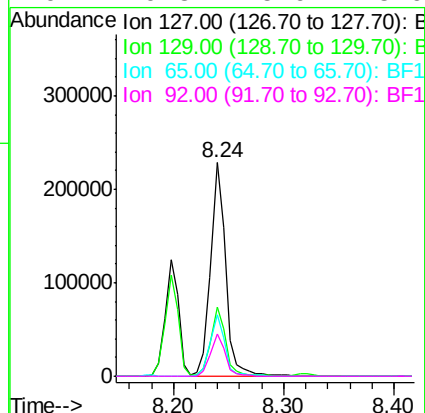
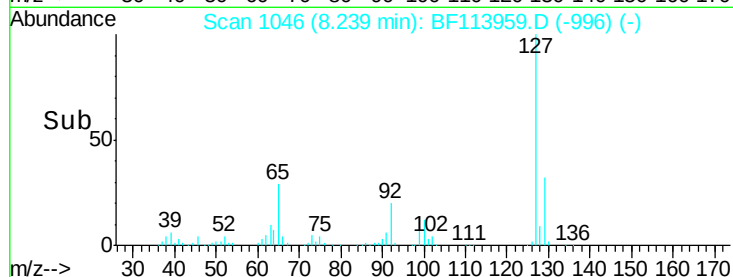
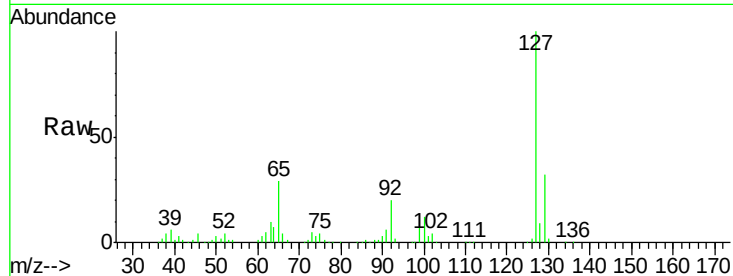




#33
4-Chloroaniline
Concen: 20.524 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF113959.D
Acq: 24 Apr 2019 14:17

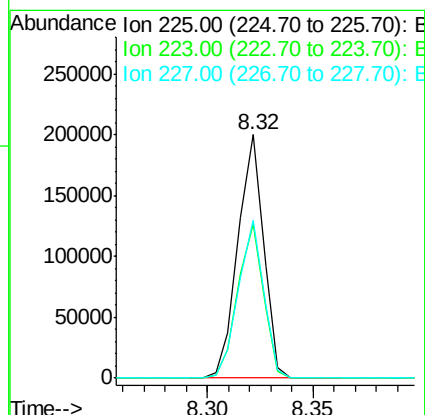
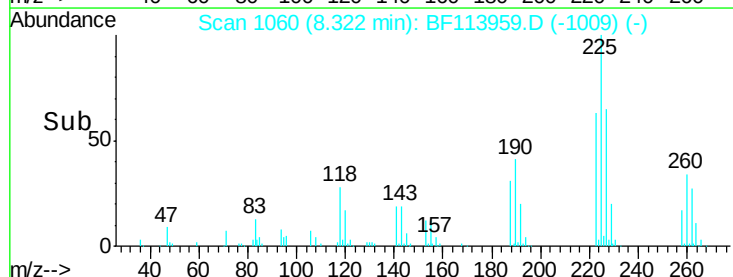
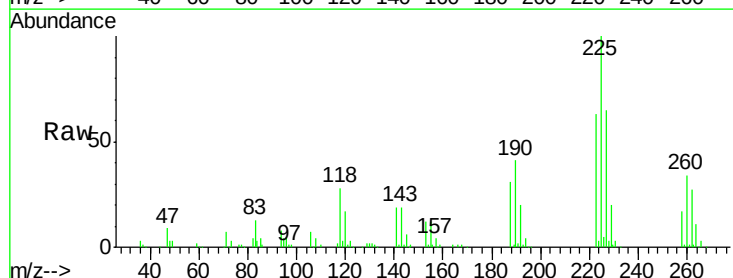
Instrument :
BNA_F
ClientSampleId :

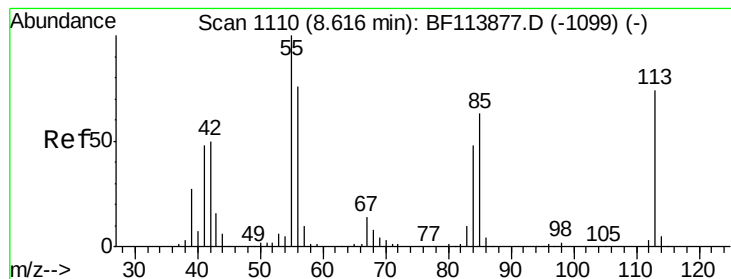
Tot Ion:127	Resp:	211436
Ion Ratio	Lower	Upper
127	100	
129	32.5	26.4 39.6
65	28.7	24.9 37.3
92	19.8	15.9 23.9



#34
Hexachlorobutadiene
Concen: 31.029 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF113959.D
Acq: 24 Apr 2019 14:17

Tgt Ion:225	Resp:	168134
Ion Ratio	Lower	Upper
225	100	
223	63.2	51.1 76.7
227	64.9	49.9 74.9





#35

Caprolactam

Concen: 28.676 ng

RT: 8.60 min Scan# 1107

Delta R.T. -0.02 min

Lab File: BF113959.D

Acq: 24 Apr 2019 14:17

Instrument :

BNA_F

ClientSampleId :

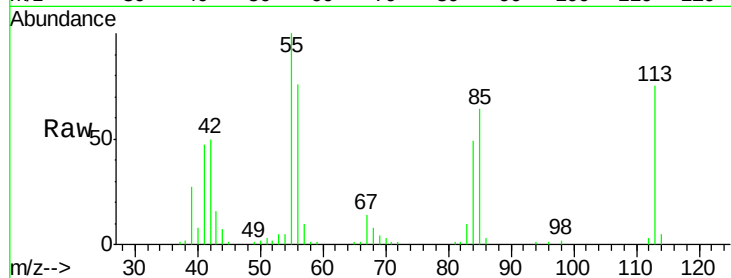
Tot Ion:113 Resp: 71112

Ion Ratio Lower Upper

113 100

55 133.3 128.6 168.6

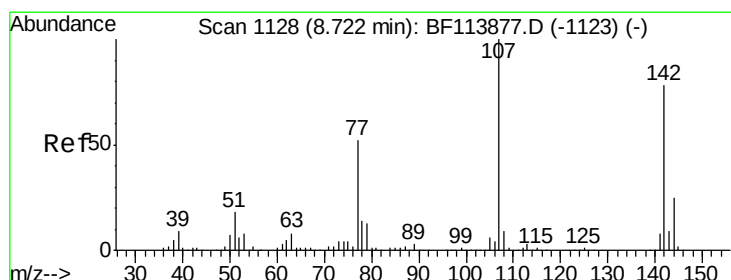
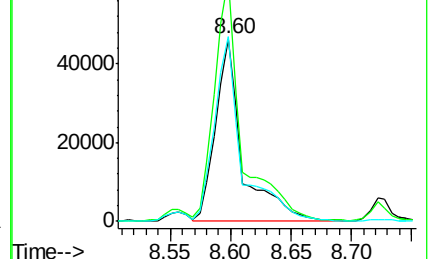
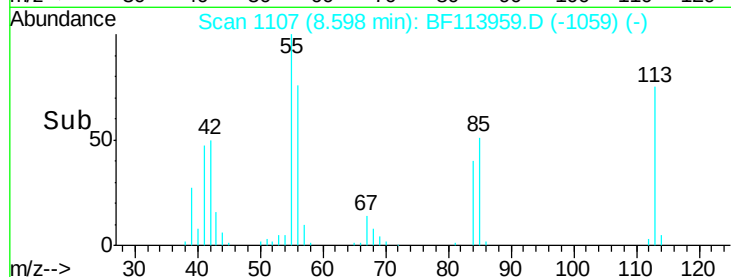
56 101.5 91.9 131.9



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: 32.548 ng

RT: 8.72 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BF113959.D

Acq: 24 Apr 2019 14:17

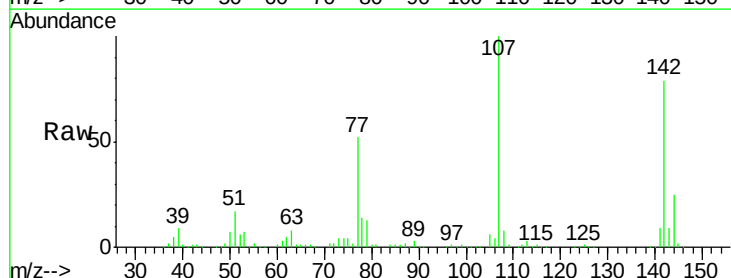
Tgt Ion:107 Resp: 251378

Ion Ratio Lower Upper

107 100

144 25.1 20.5 30.7

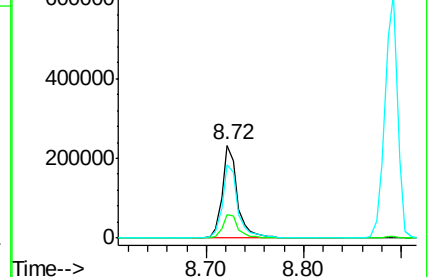
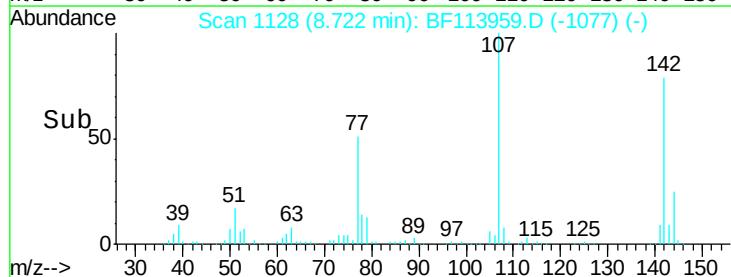
142 79.3 64.2 96.4

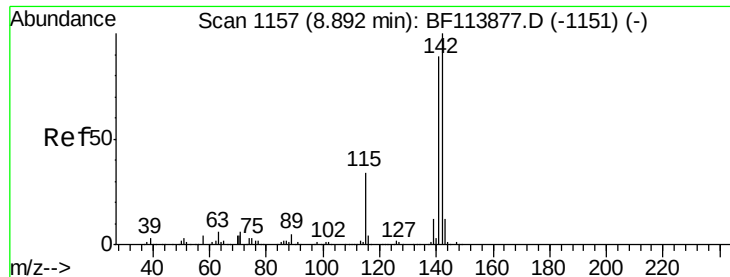


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

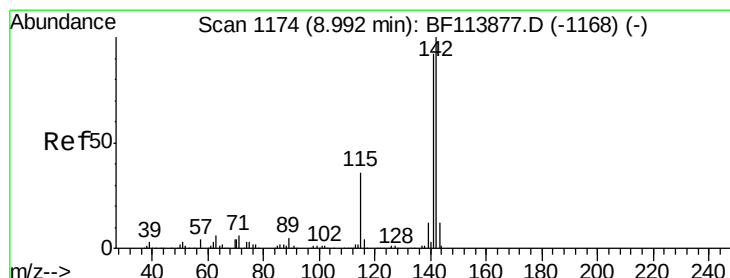
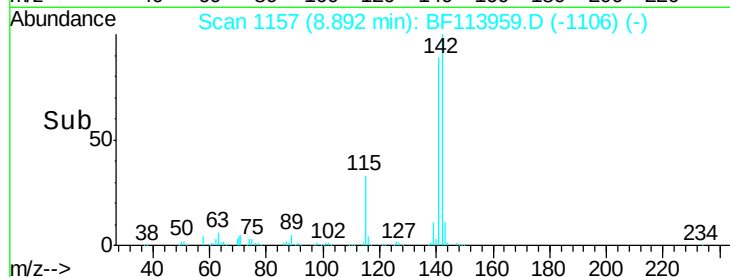
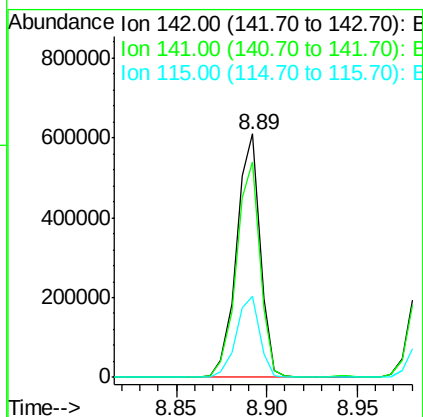
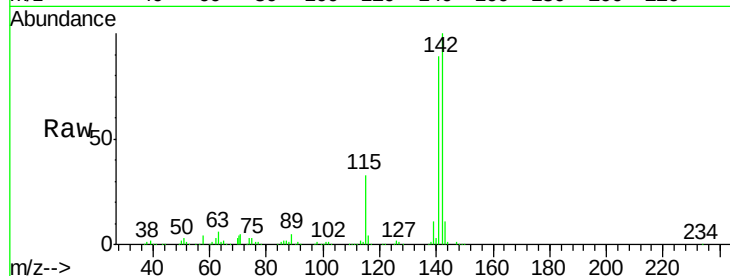




#37
2-Methylnaphthalene
Concen: 33.685 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF113959.D
Acq: 24 Apr 2019 14:17

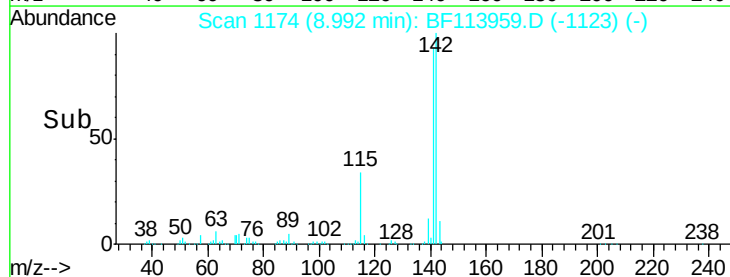
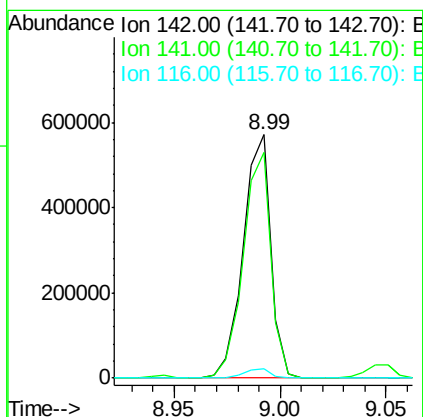
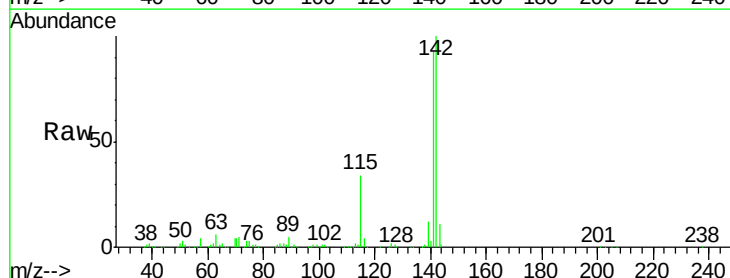
Instrument :
BNA_F
ClientSampleId :

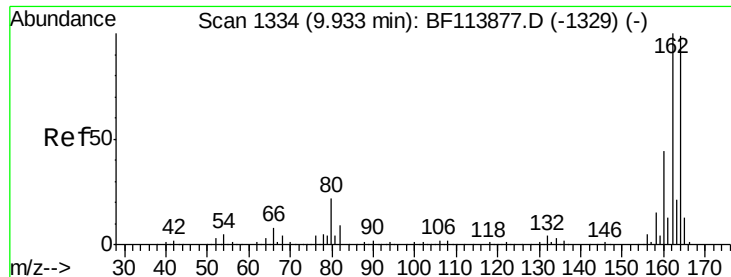
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.4	105.6
115	33.2	26.3	39.5



#38
1-Methylnaphthalene
Concen: 32.643 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF113959.D
Acq: 24 Apr 2019 14:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	72.3	108.5
116	3.6	3.0	4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF113959.D

Acq: 24 Apr 2019 14:17

Instrument :

BNA_F

ClientSampleId :

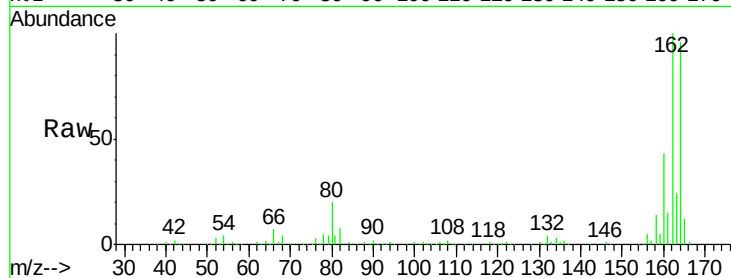
Tot Ion:164 Resp: 264061

Ion Ratio Lower Upper

164 100

162 103.7 81.1 121.7

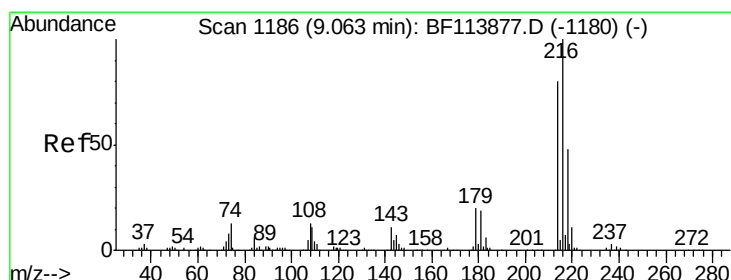
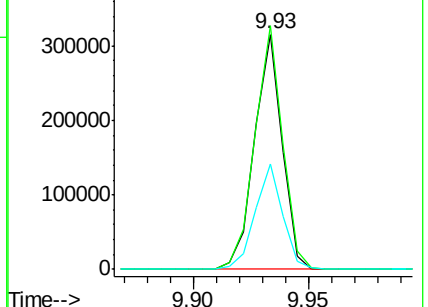
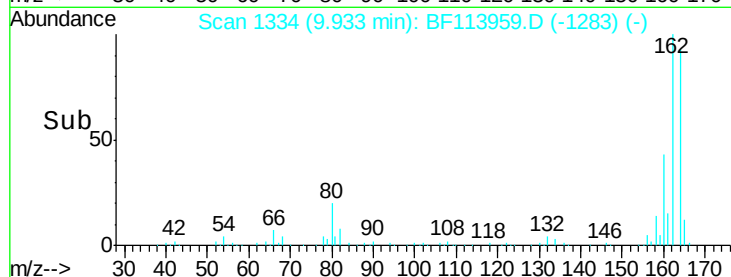
160 44.7 35.8 53.6



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: 32.810 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF113959.D

Acq: 24 Apr 2019 14:17

Tgt Ion:216 Resp: 281433

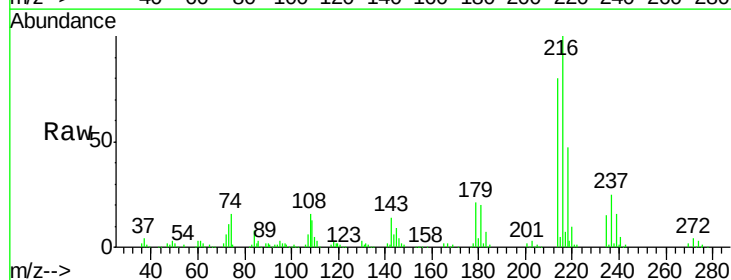
Ion Ratio Lower Upper

216 100

214 79.5 63.5 95.3

179 20.3 16.1 24.1

108 17.3 13.4 20.0

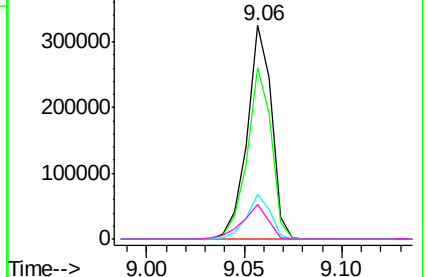
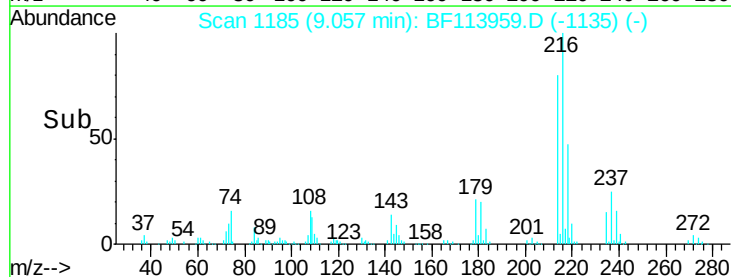


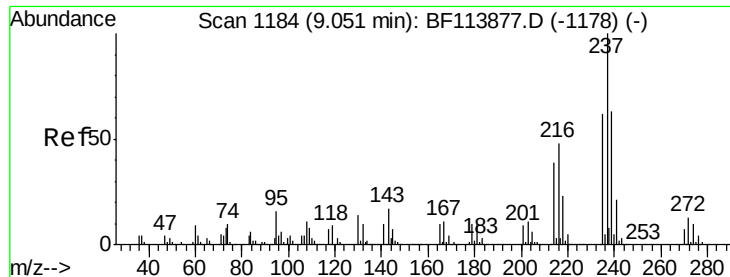
Abundance Ion 216.00 (215.70 to 216.70): E

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

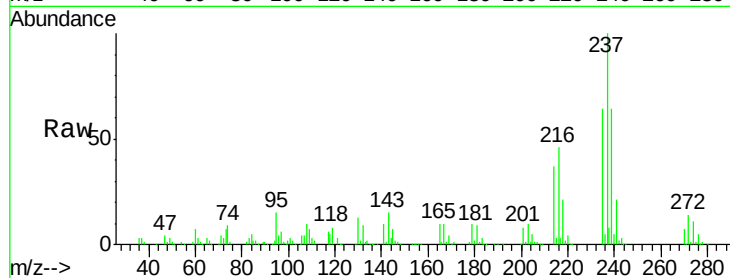




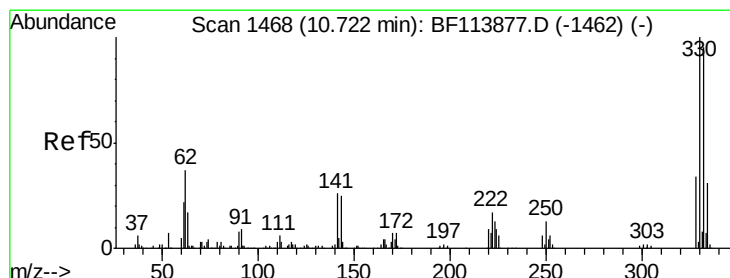
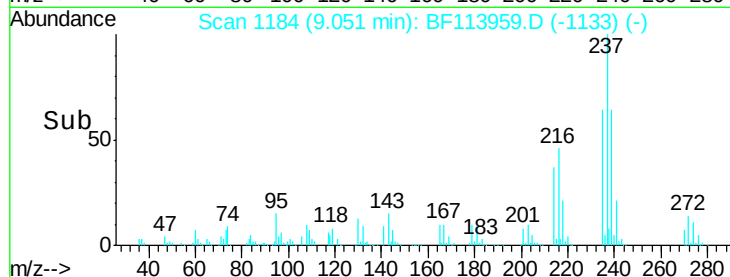
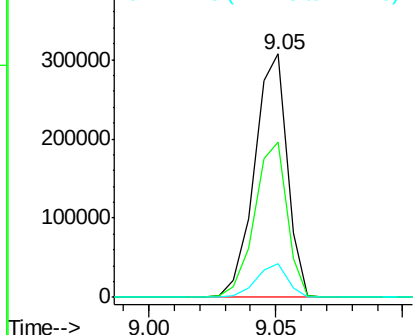
#41
Hexachlorocyclopentadiene
Concen: 58.090 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BF113959.D
Acq: 24 Apr 2019 14:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 277858
Ion Ratio Lower Upper
237 100
235 64.0 42.6 82.6
272 13.8 0.0 33.8

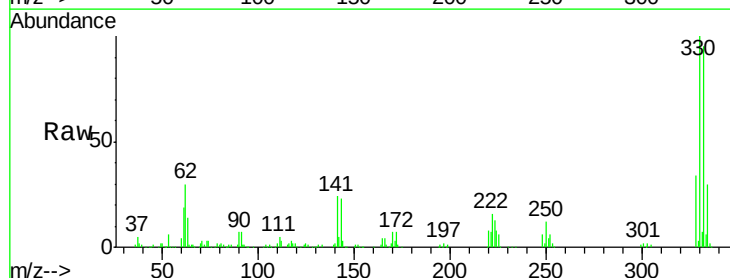


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

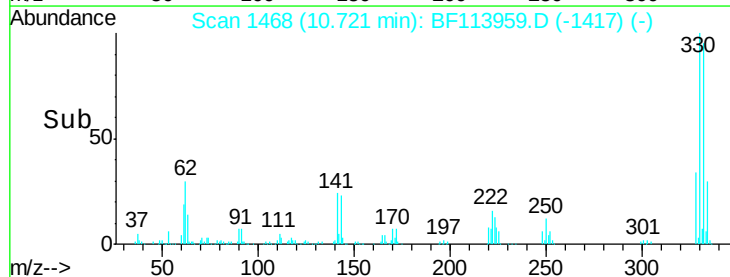
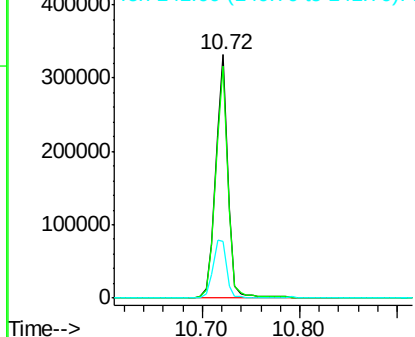


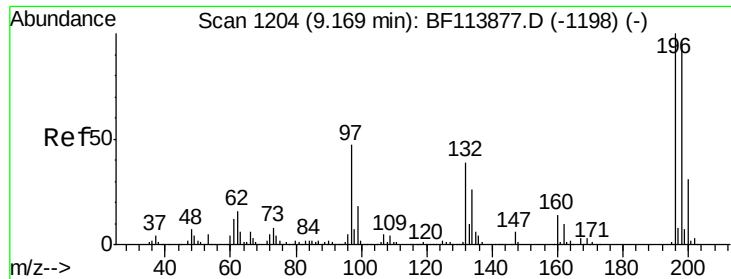
#42
2,4,6-Tribromophenol
Concen: 90.198 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BF113959.D
Acq: 24 Apr 2019 14:17

Tgt Ion:330 Resp: 290150
Ion Ratio Lower Upper
330 100
332 96.9 77.5 116.3
141 26.9 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

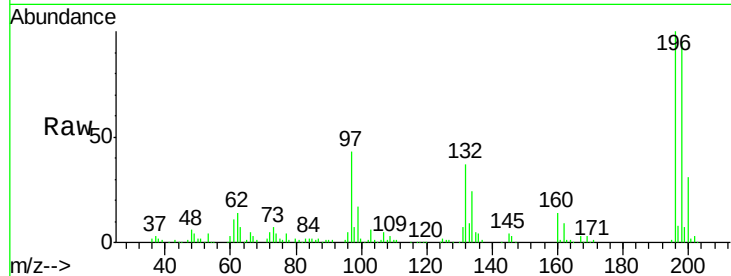




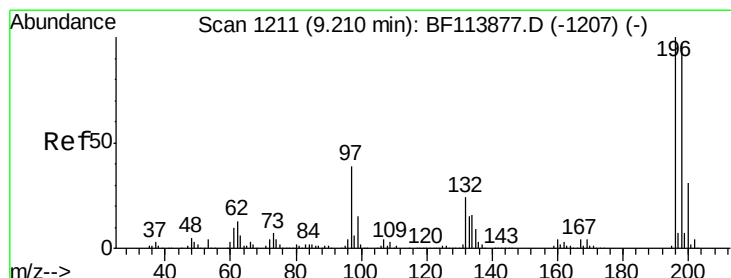
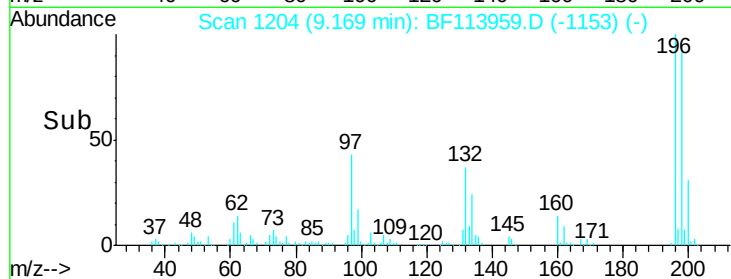
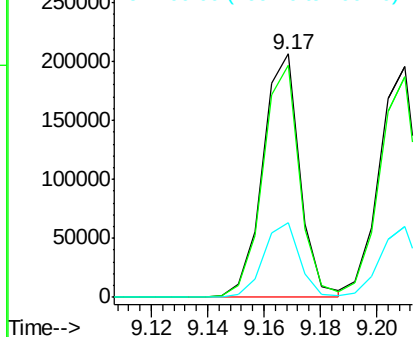
#43
 2,4,6-Trichlorophenol
 Concen: 34.547 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF113959.D
 Acq: 24 Apr 2019 14:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 188169
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.6 113.4
 200 30.9 24.7 37.1

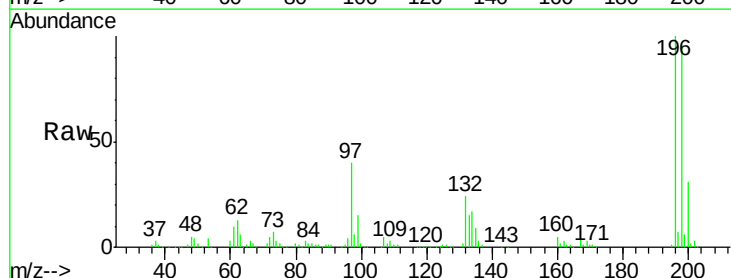


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

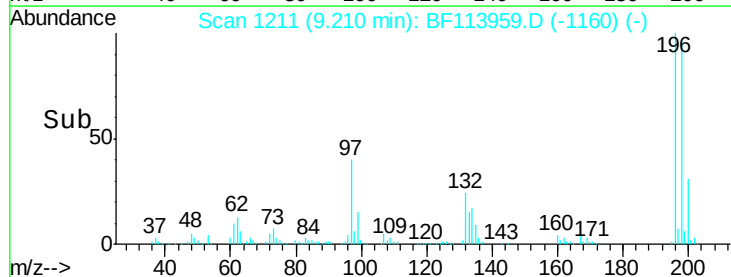
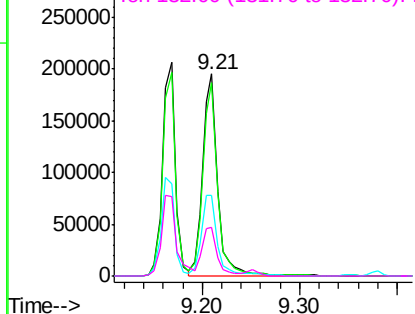


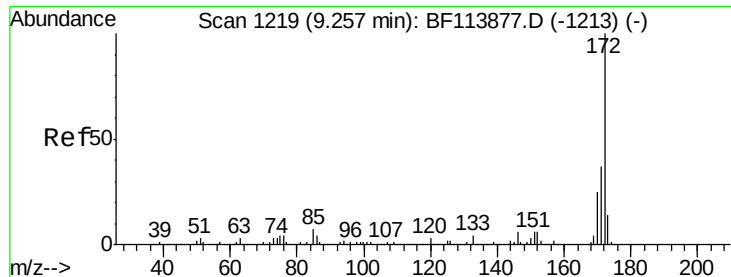
#44
 2,4,5-Trichlorophenol
 Concen: 33.918 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF113959.D
 Acq: 24 Apr 2019 14:17

Tgt Ion:196 Resp: 207213
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.2 114.4
 97 39.6 35.8 53.8
 132 24.4 20.9 31.3



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

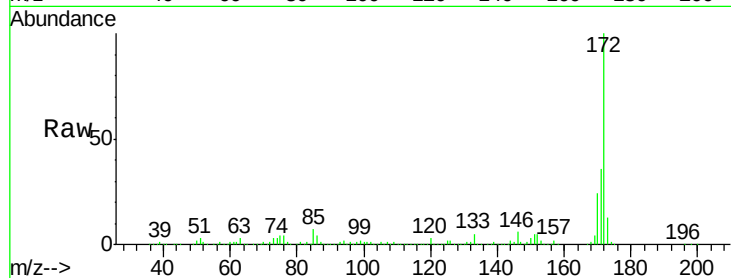




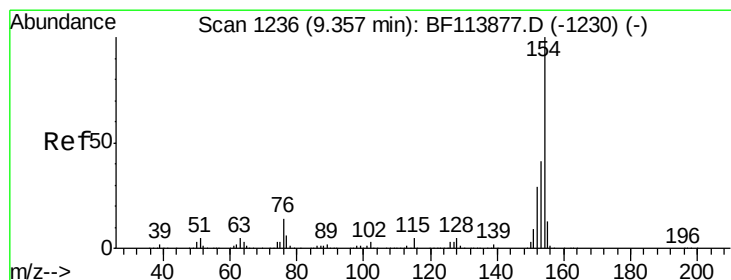
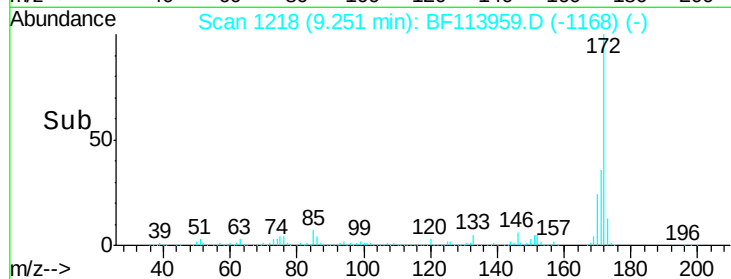
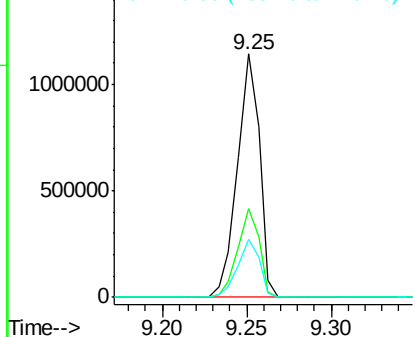
#45
2-Fluorobiphenyl
Concen: 61.720 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF113959.D
Acq: 24 Apr 2019 14:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1042041
Ion Ratio Lower Upper
172 100
171 36.2 29.4 44.0
170 23.6 19.9 29.9

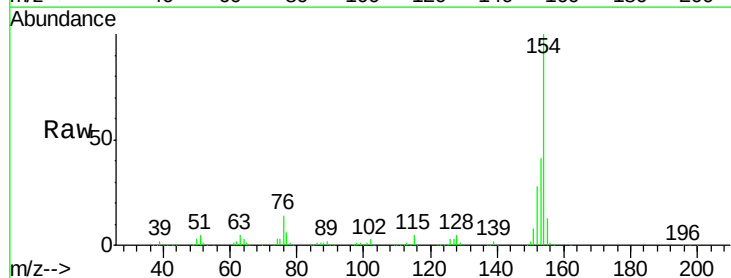


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

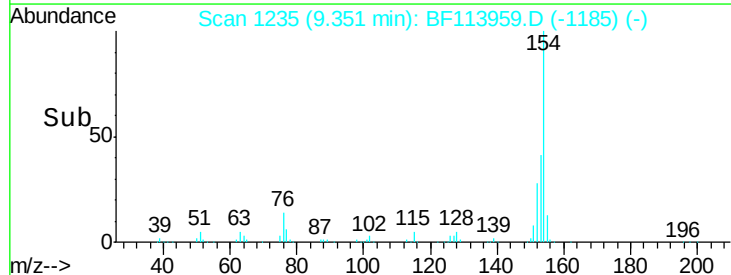
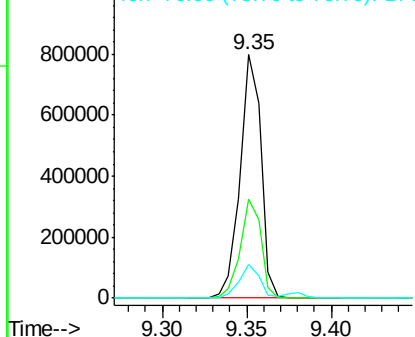


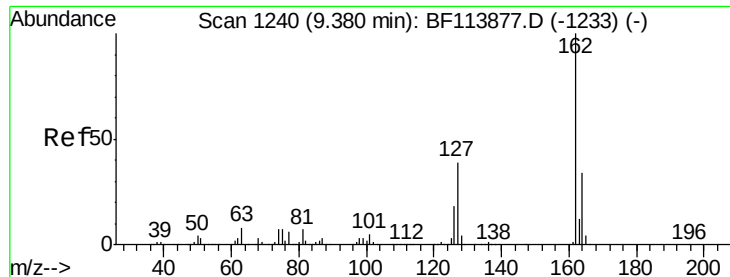
#46
1,1'-Biphenyl
Concen: 34.050 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF113959.D
Acq: 24 Apr 2019 14:17

Tgt Ion:154 Resp: 686872
Ion Ratio Lower Upper
154 100
153 40.6 20.8 60.8
76 13.9 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

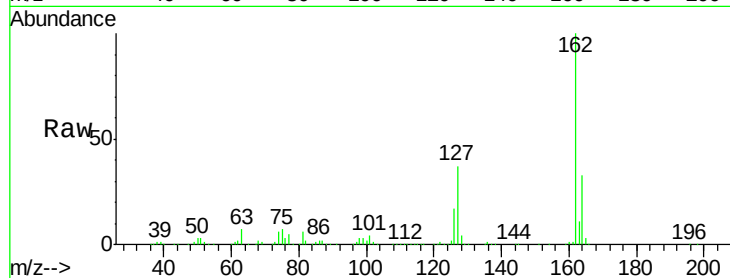




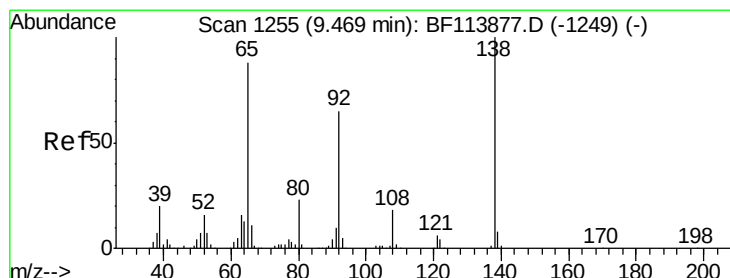
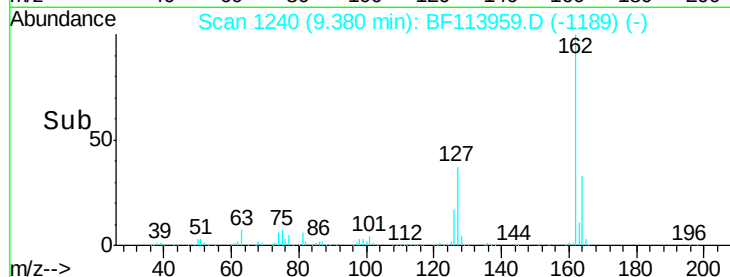
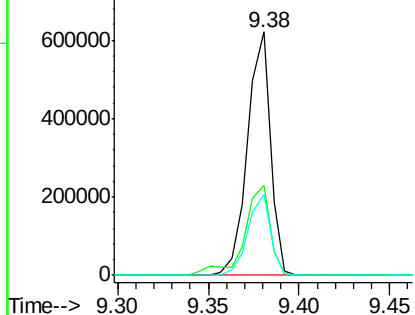
#47
 2-Chloronaphthalene
 Concen: 33.339 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BF113959.D
 Acq: 24 Apr 2019 14:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.9	29.3	43.9
164	33.4	27.1	40.7

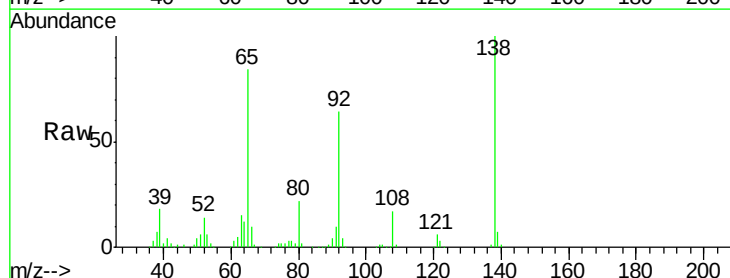


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

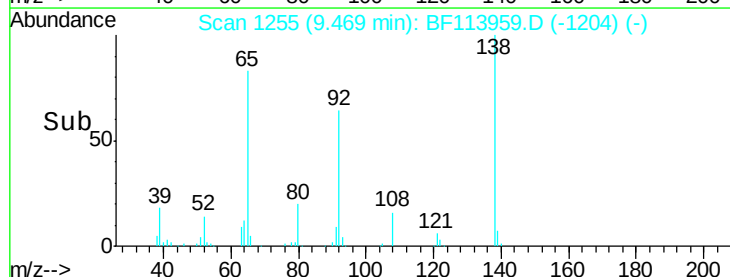
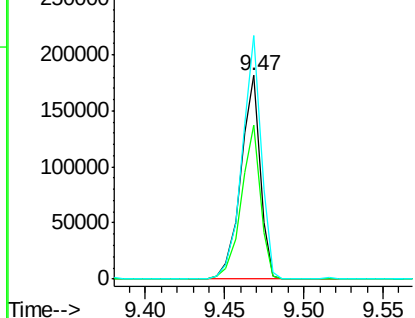


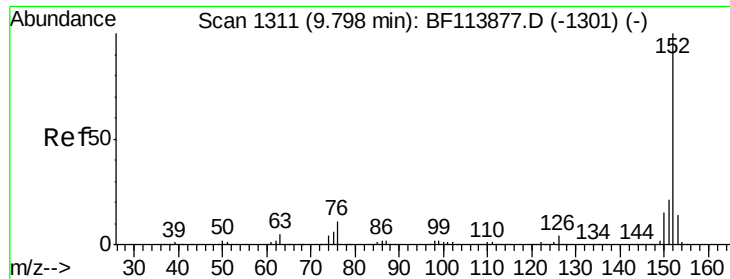
#48
 2-Nitroaniline
 Concen: 35.700 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.00 min
 Lab File: BF113959.D
 Acq: 24 Apr 2019 14:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.9	57.4	86.0
138	119.5	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): E





#49

Acenaphthylene

Concen: 33.029 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF113959.D

Acq: 24 Apr 2019 14:17

Instrument :

BNA_F

ClientSampleId :

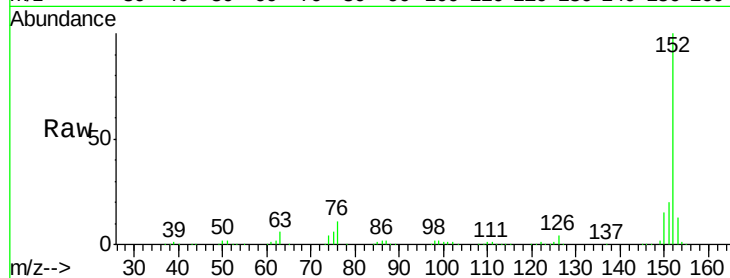
Tot Ion:152 Resp: 848247

Ion Ratio Lower Upper

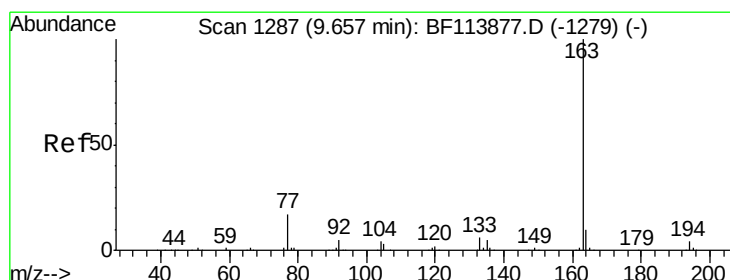
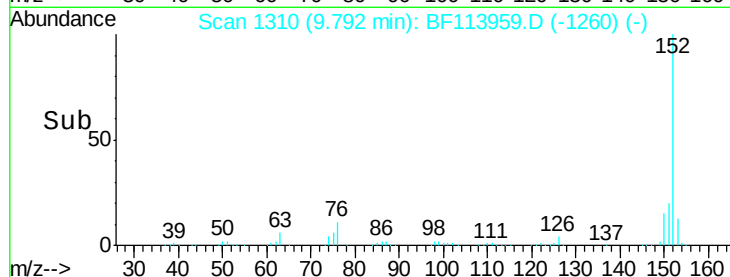
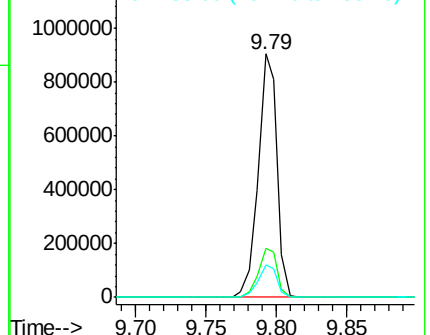
152 100

151 20.1 17.0 25.4

153 13.2 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: 43.533 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF113959.D

Acq: 24 Apr 2019 14:17

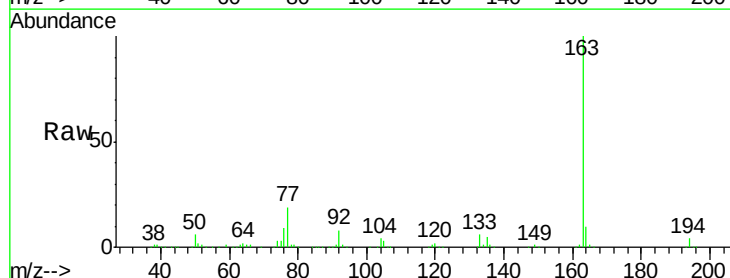
Tgt Ion:163 Resp: 831358

Ion Ratio Lower Upper

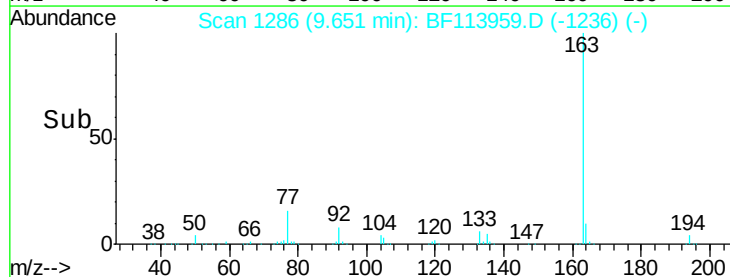
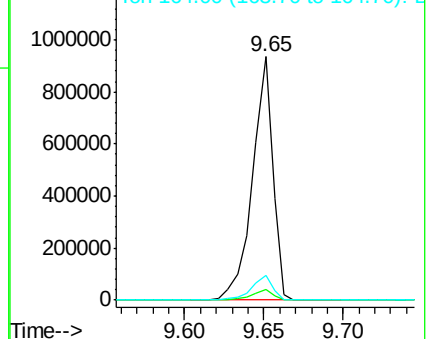
163 100

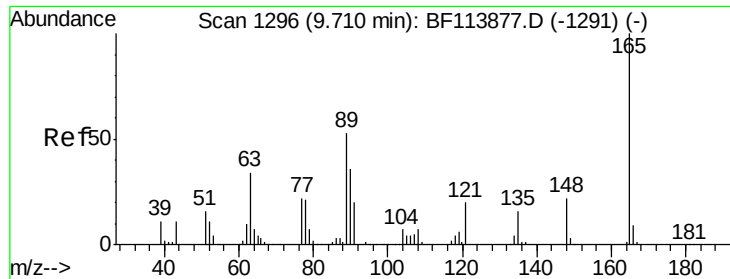
194 4.3 3.4 5.2

164 10.3 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: 35.350 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF113959.D

Acq: 24 Apr 2019 14:17

Instrument :

BNA_F

ClientSampleId :

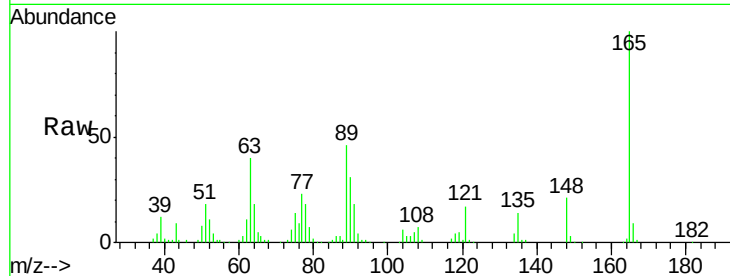
Tot Ion:165 Resp: 144833

Ion Ratio Lower Upper

165 100

63 40.2 33.8 50.8

89 46.2 38.2 57.2

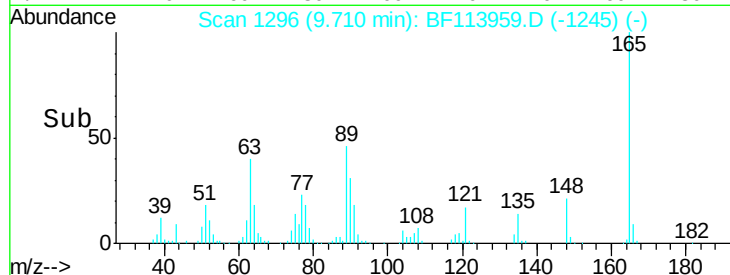


Abundance Ion 165.00 (164.70 to 165.70): E

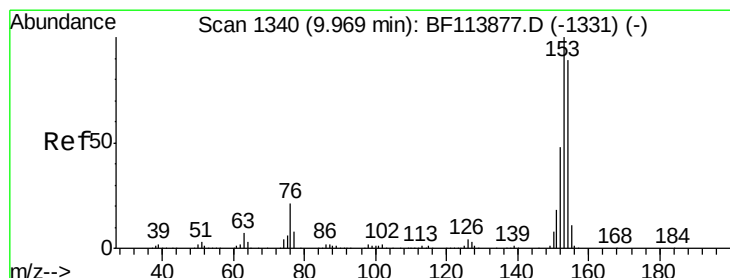
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



Time-->



#52

Acenaphthene

Concen: 34.100 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BF113959.D

Acq: 24 Apr 2019 14:17

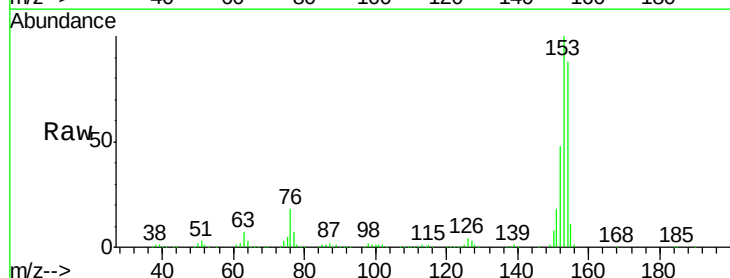
Tgt Ion:154 Resp: 517540

Ion Ratio Lower Upper

154 100

153 113.4 87.2 130.8

152 54.2 42.3 63.5

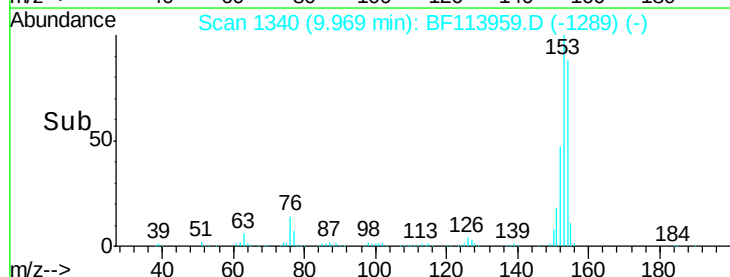


Abundance Ion 154.00 (153.70 to 154.70): E

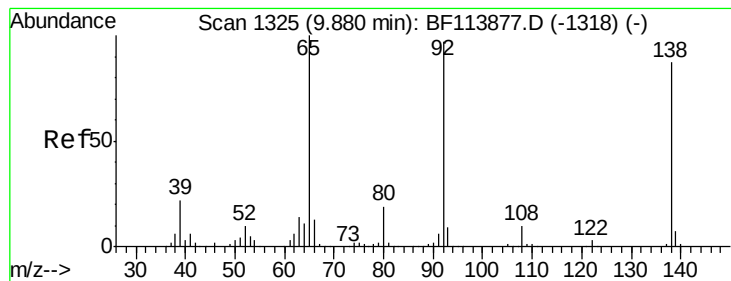
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



Time-->



#53

3-Nitroaniline

Concen: 26.921 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF113959.D

Acq: 24 Apr 2019 14:17

Instrument :

BNA_F

ClientSampleId :

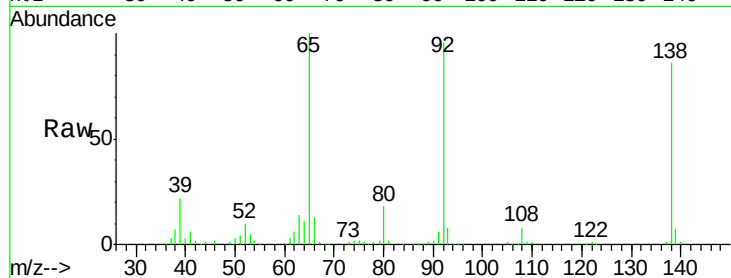
Tot Ion:138 Resp: 115902

Ion Ratio Lower Upper

138 100

108 9.7 9.4 14.2

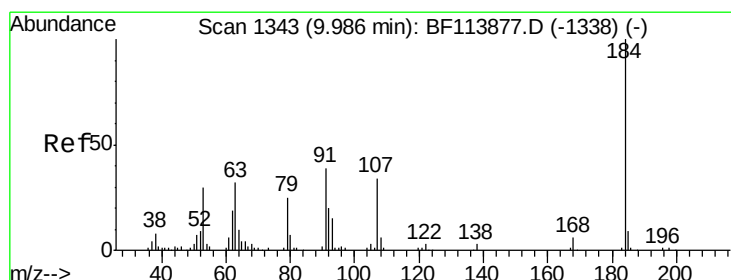
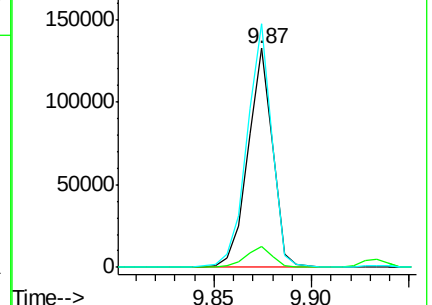
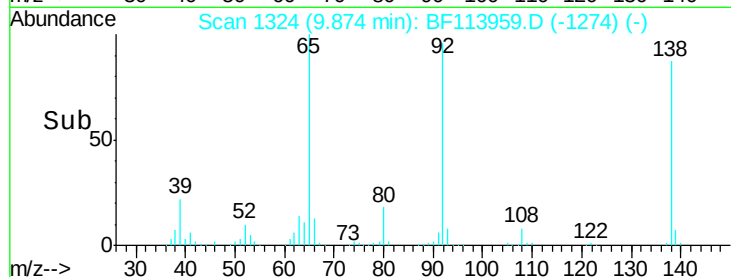
92 111.3 94.1 141.1



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: 43.077 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF113959.D

Acq: 24 Apr 2019 14:17

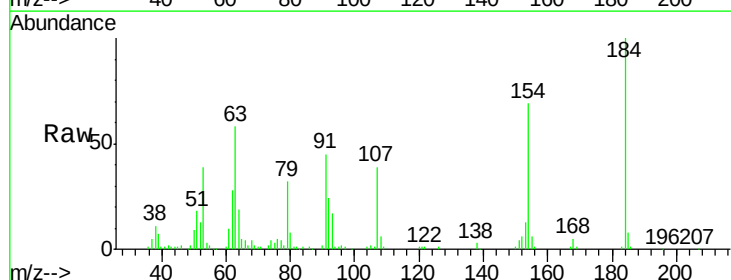
Tgt Ion:184 Resp: 68763

Ion Ratio Lower Upper

184 100

63 58.4 54.6 81.8

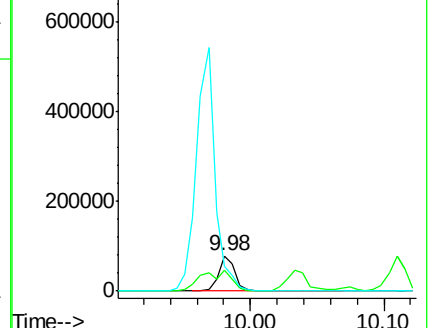
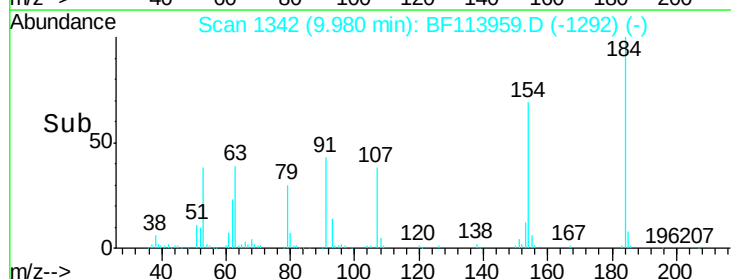
154 68.7 218.6 328.0#

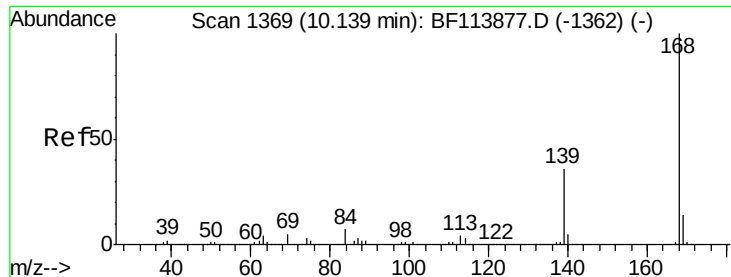


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

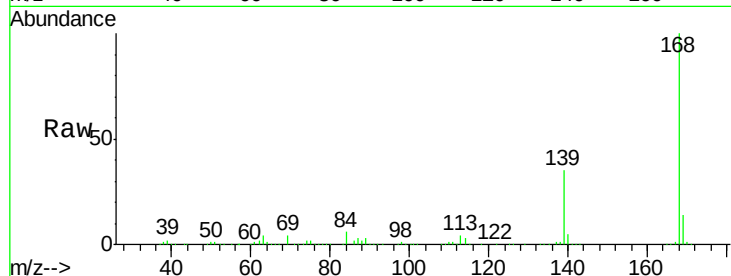




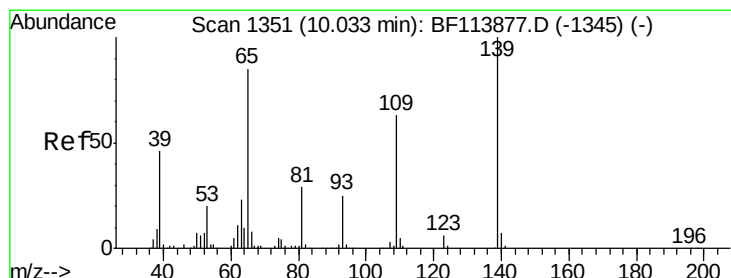
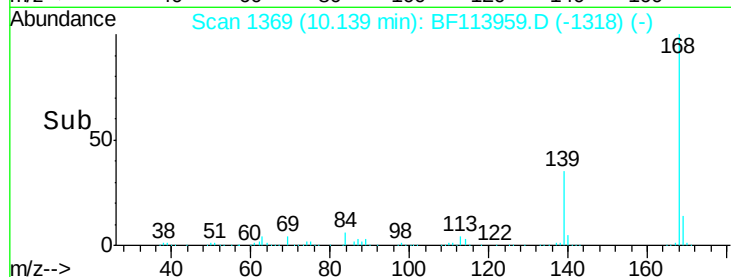
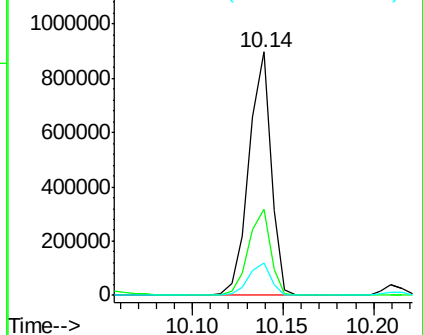
#55
Dibenzenofuran
Concen: 33.514 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BF113959.D
Acq: 24 Apr 2019 14:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 761917
Ion Ratio Lower Upper
168 100
139 35.3 27.8 41.6
169 13.6 11.0 16.6

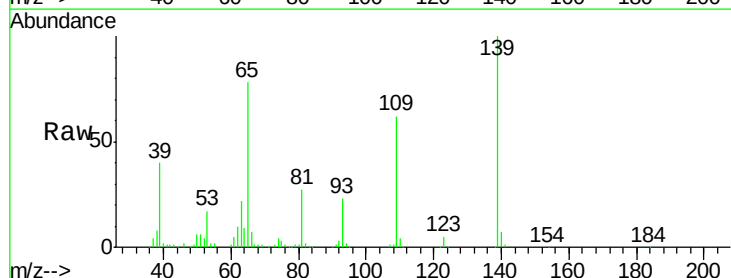


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

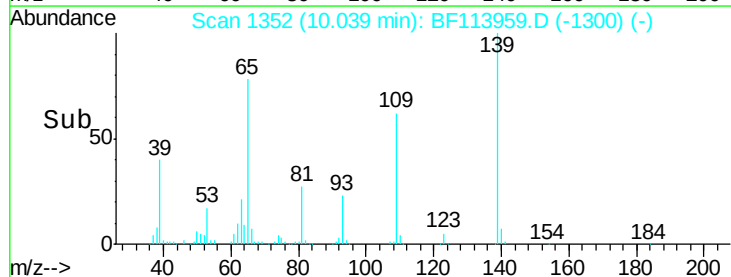
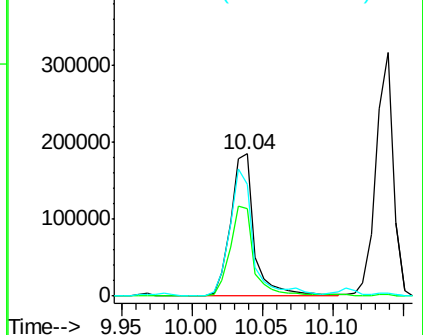


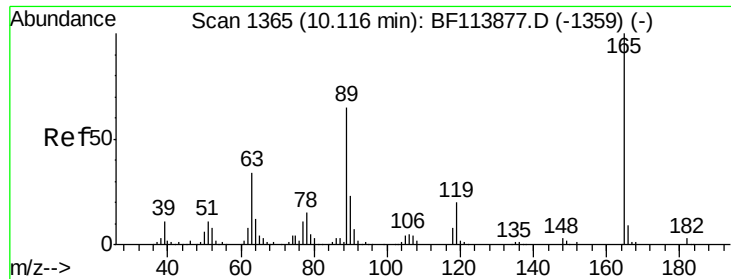
#56
4-Nitrophenol
Concen: 63.585 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF113959.D
Acq: 24 Apr 2019 14:17

Tgt Ion:139 Resp: 216750
Ion Ratio Lower Upper
139 100
109 61.7 42.9 82.9
65 78.4 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

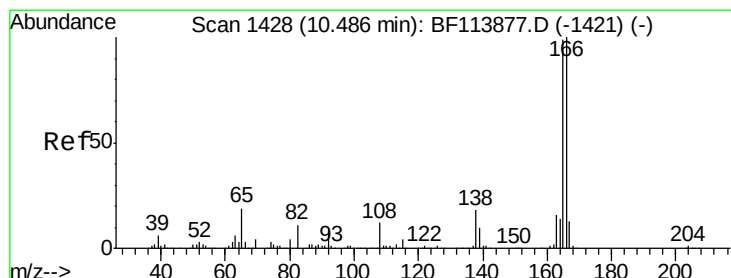
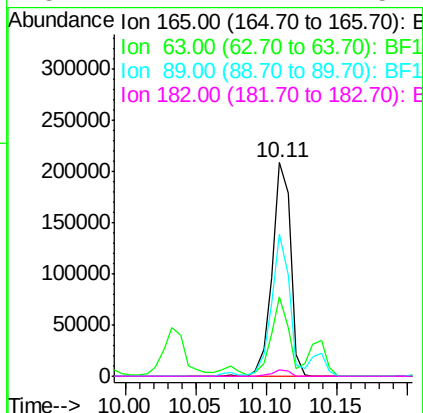
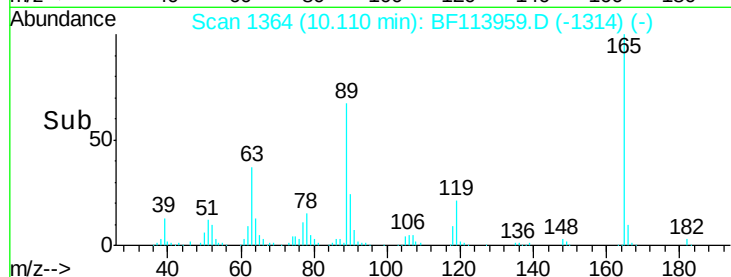
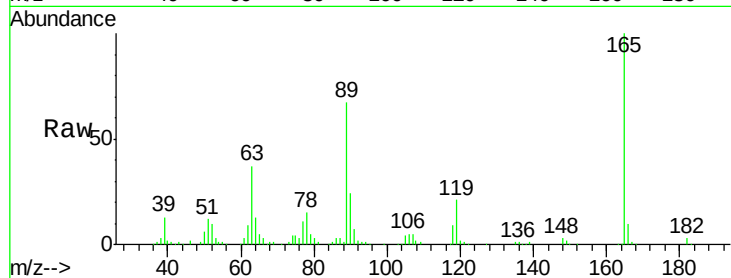




#57
2,4-Dinitrotoluene
Concen: 36.914 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF113959.D
Acq: 24 Apr 2019 14:17

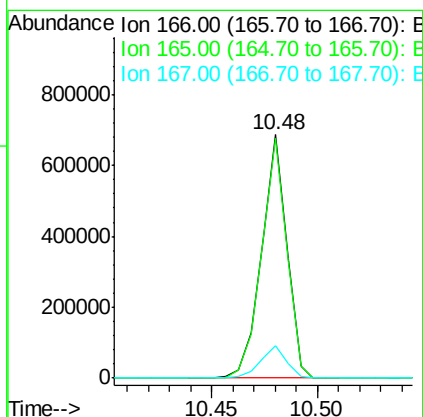
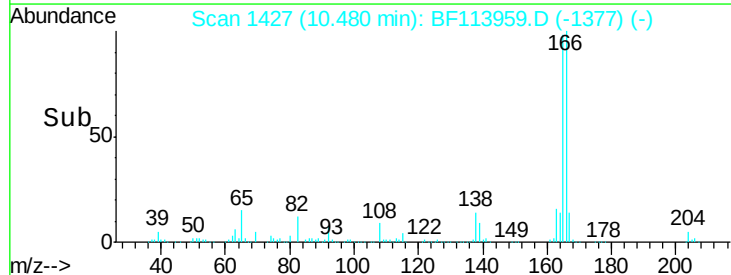
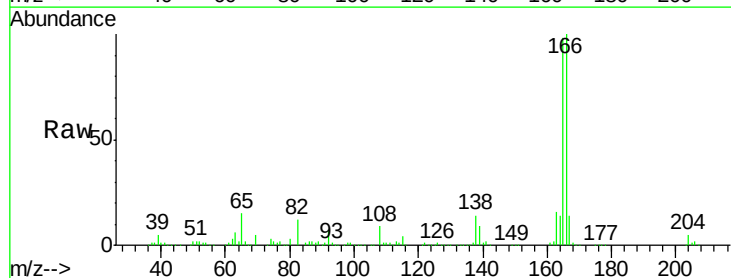
Instrument :
BNA_F
ClientSampled :

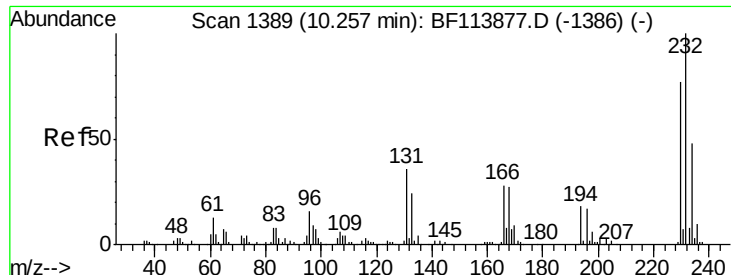
Tot Ion	Ratio	Lower	Upper
165	100		
63	37.1	27.4	41.0
89	66.8	51.8	77.6
182	2.7	2.2	3.2



#58
Fluorene
Concen: 33.484 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF113959.D
Acq: 24 Apr 2019 14:17

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.4	117.6
167	13.6	10.9	16.3

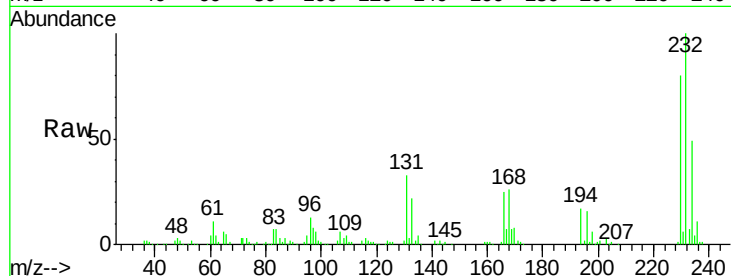




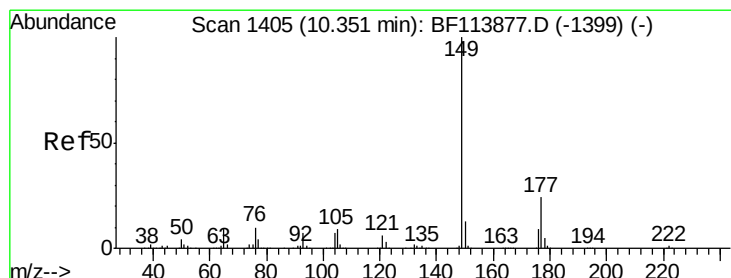
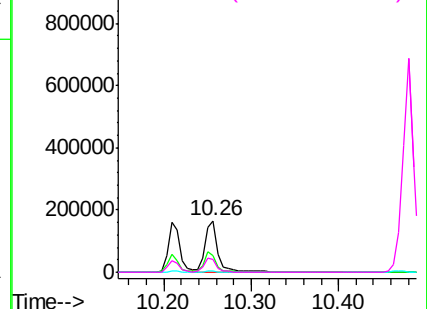
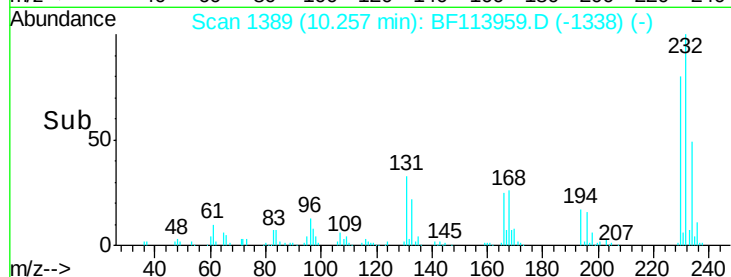
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 32.142 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BF113959.D
 Acq: 24 Apr 2019 14:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232	Resp:	172565	
Ion Ratio	Lower	Upper	
232	100		
131	37.7	30.2	45.2
130	1.7	1.5	2.3
166	26.7	22.2	33.4

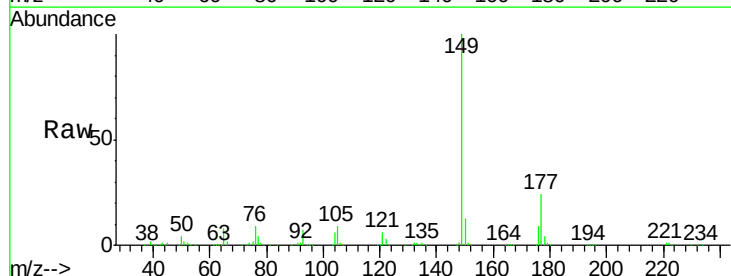


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

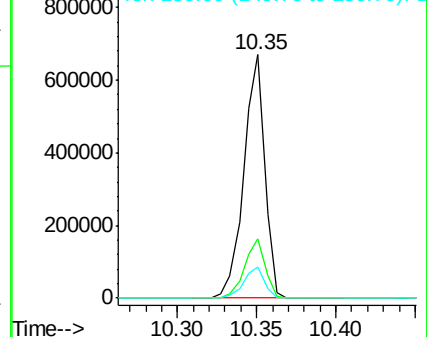
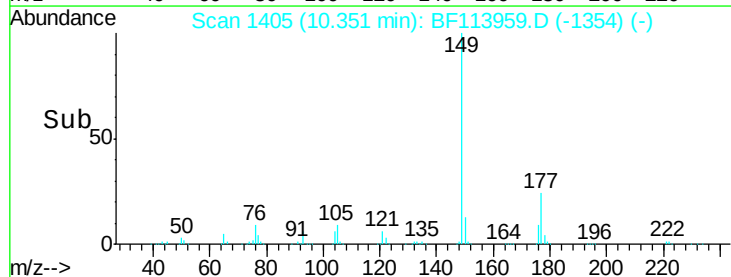


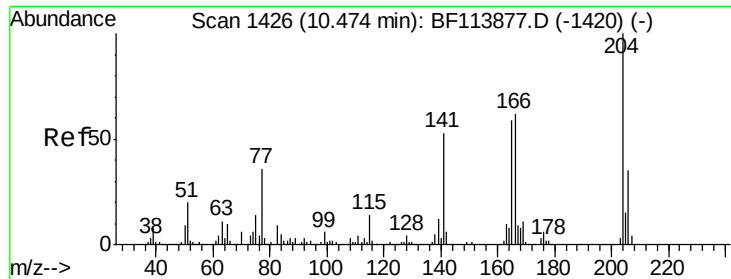
#60
 Diethylphthalate
 Concen: 33.599 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BF113959.D
 Acq: 24 Apr 2019 14:17

Tgt	Ion:149	Resp:	609329
Ion	Ratio	Lower	Upper
149	100		
177	24.1	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

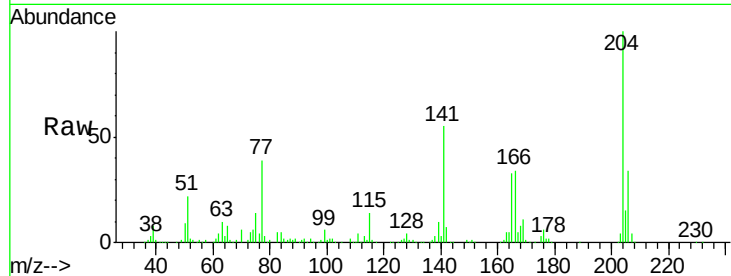




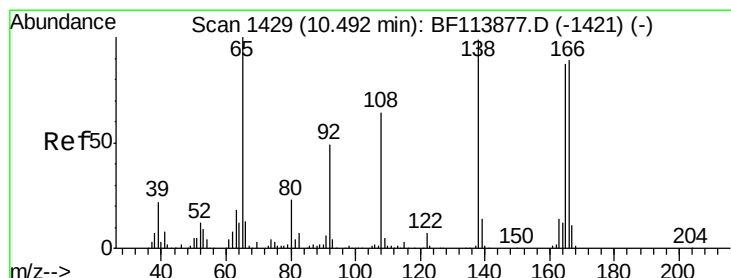
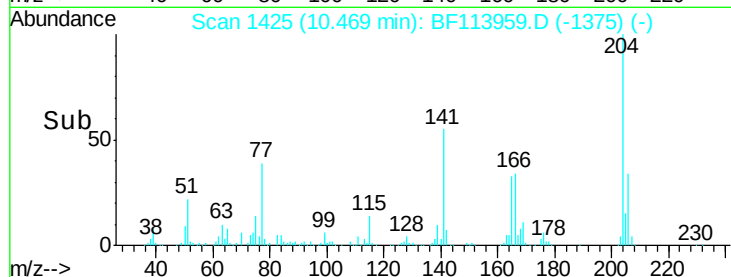
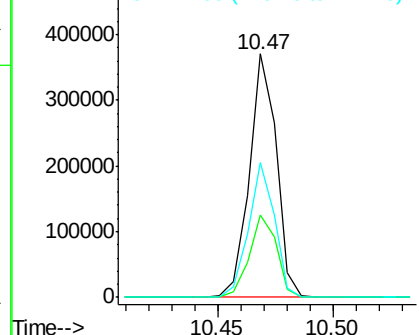
#61
 4-Chlorophenyl-phenylether
 Concen: 33.376 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF113959.D
 Acq: 24 Apr 2019 14:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 302544
 Ion Ratio Lower Upper
 204 100
 206 33.8 27.4 41.2
 141 55.3 42.6 63.8

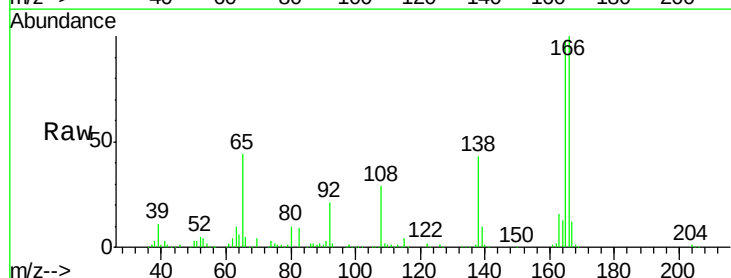


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

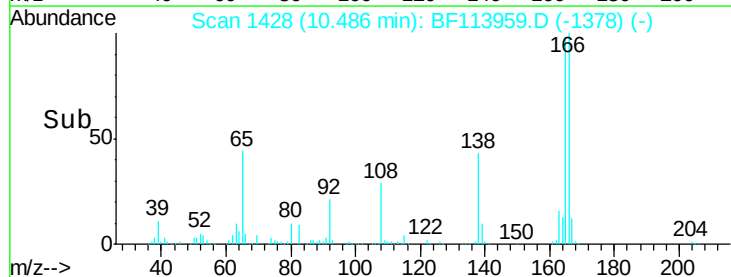
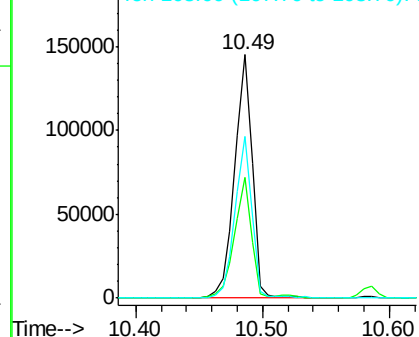


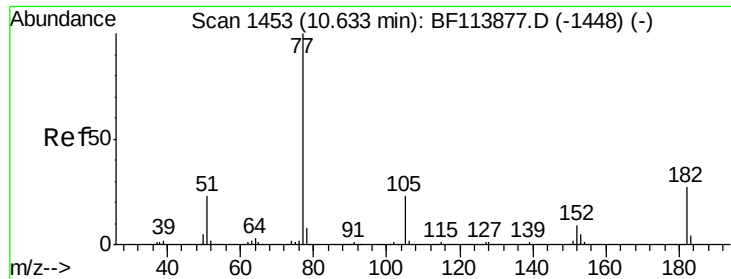
#62
 4-Nitroaniline
 Concen: 33.100 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF113959.D
 Acq: 24 Apr 2019 14:17

Tgt Ion:138 Resp: 139068
 Ion Ratio Lower Upper
 138 100
 92 49.7 31.3 71.3
 108 66.6 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: 32.048 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF113959.D

Acq: 24 Apr 2019 14:17

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 563289

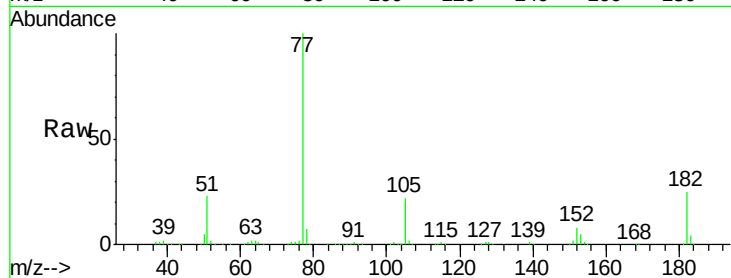
Ion Ratio Lower Upper

77 100

182 24.8 4.4 44.4

105 21.6 2.2 42.2

51 23.3 3.9 43.9

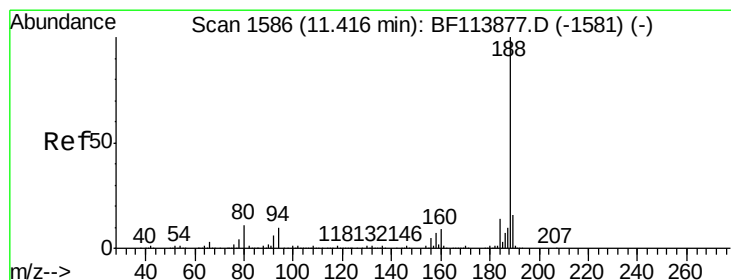
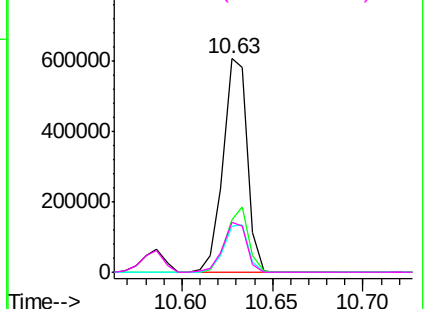
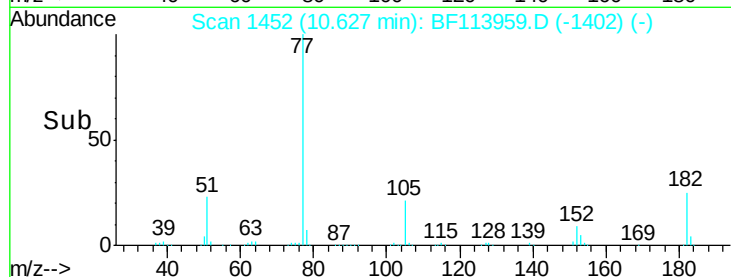


Abundance Ion 77.00 (76.70 to 77.70): BF1

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# 1586

Delta R.T. -0.00 min

Lab File: BF113959.D

Acq: 24 Apr 2019 14:17

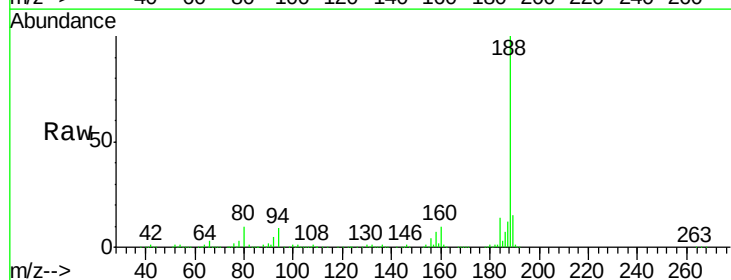
Tgt Ion: 188 Resp: 513094

Ion Ratio Lower Upper

188 100

94 9.3 8.2 12.4

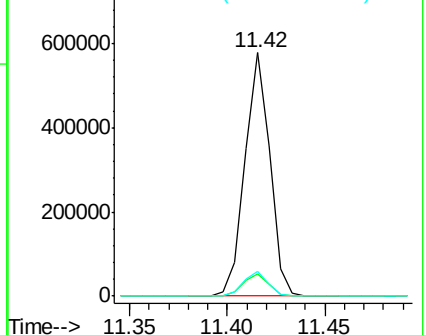
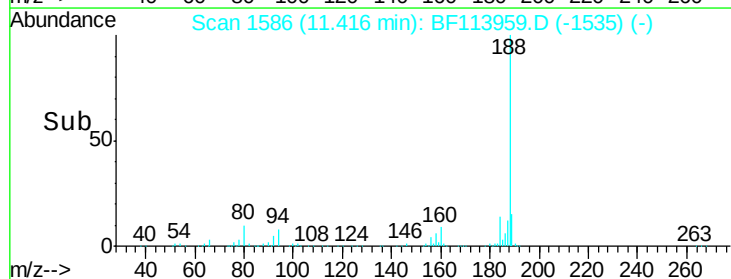
80 10.2 9.0 13.6

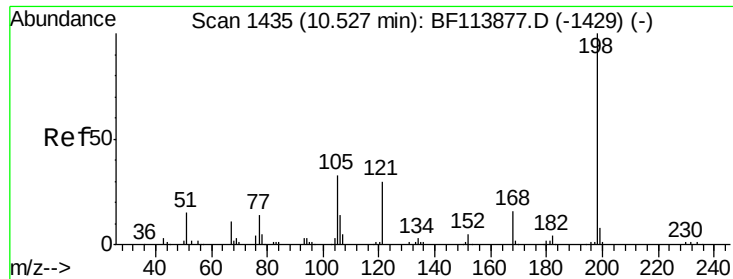


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

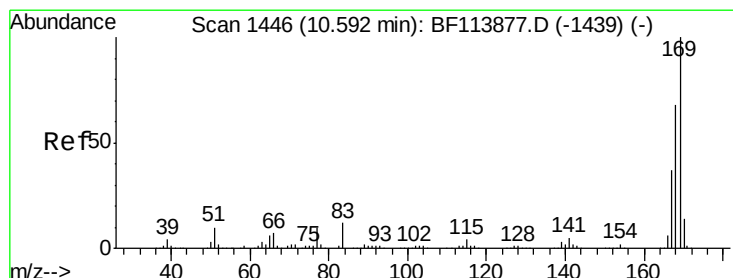
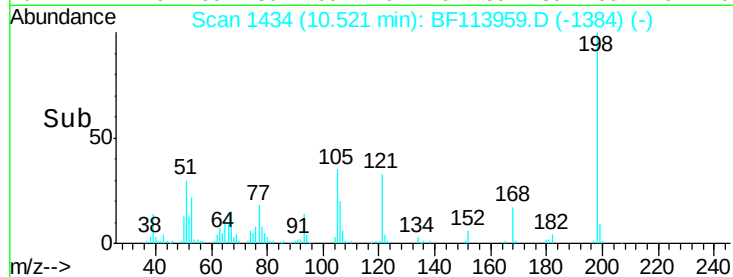
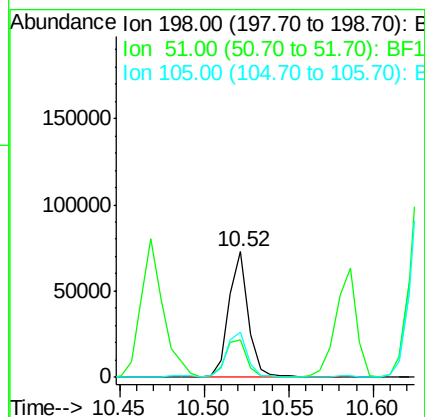
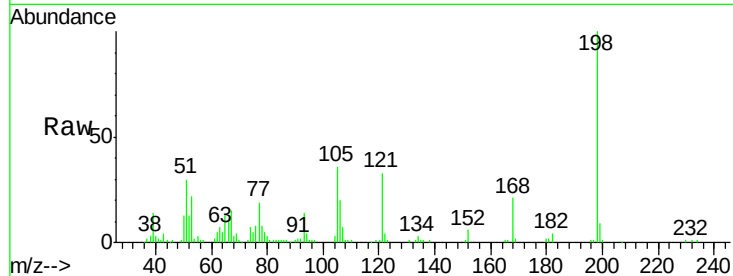




#65
4,6-Dinitro-2-methylphenol
Concen: 28.425 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF113959.D
Acq: 24 Apr 2019 14:17

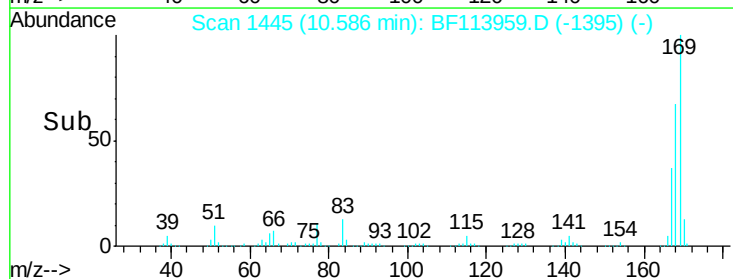
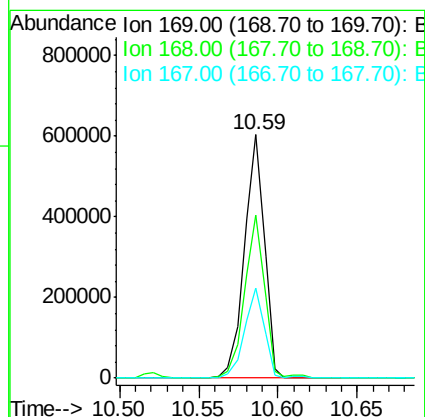
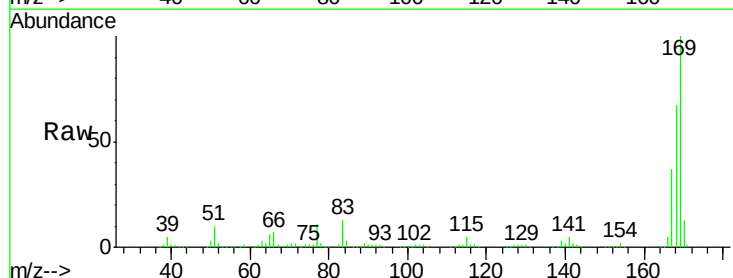
Instrument :
BNA_F
ClientSampleId :

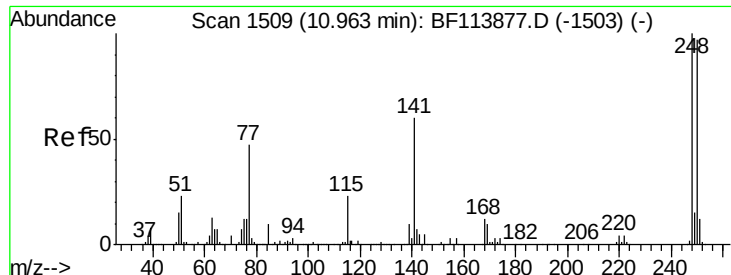
Tot Ion	Ratio	Lower	Upper
198	100		
51	30.1	11.1	51.1
105	35.8	20.7	60.7



#66
n-Nitrosodiphenylamine
Concen: 34.057 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF113959.D
Acq: 24 Apr 2019 14:17

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.1	54.3	81.5
167	36.9	29.4	44.0

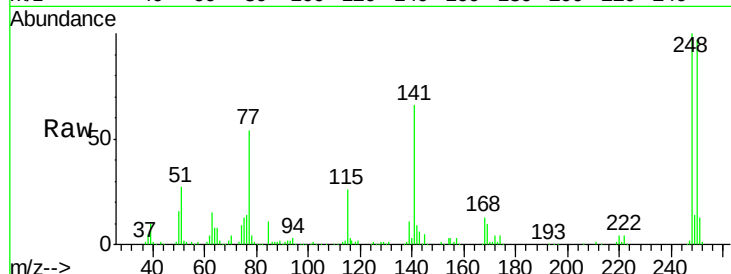




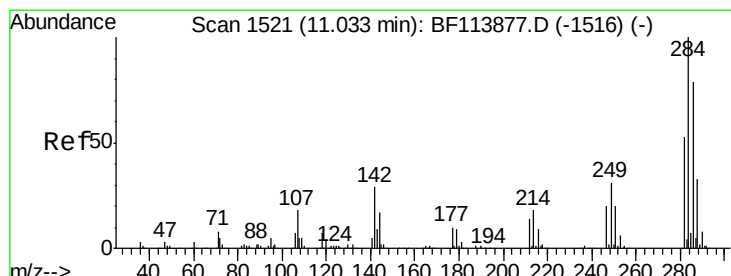
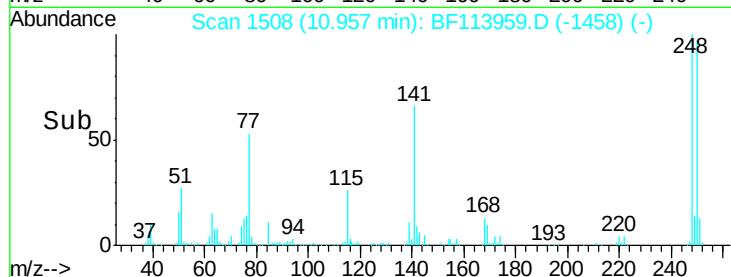
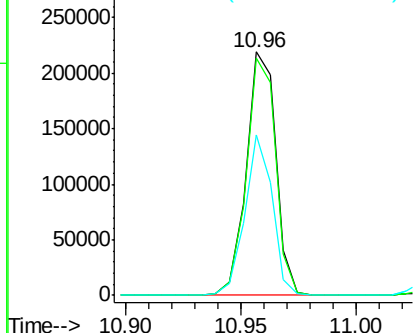
#67
4-Bromophenyl-phenylether
Concen: 31.680 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BF113959.D
Acq: 24 Apr 2019 14:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 196363
Ion Ratio Lower Upper
248 100
250 97.4 75.8 113.6
141 66.0 50.2 75.4

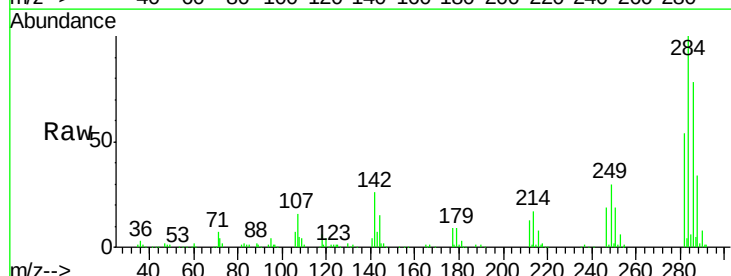


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

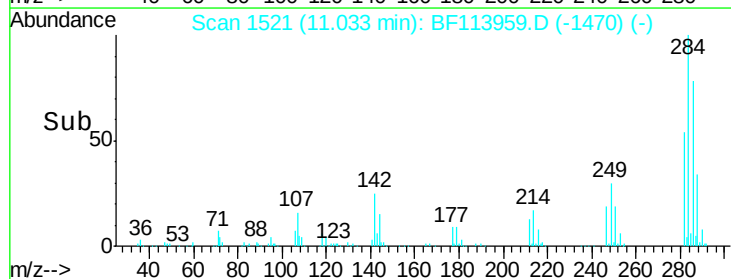
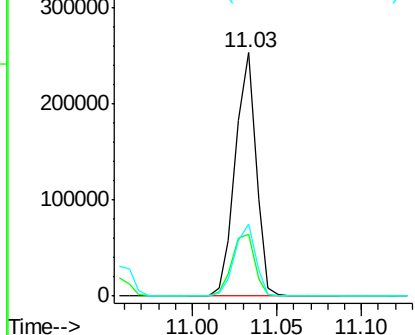


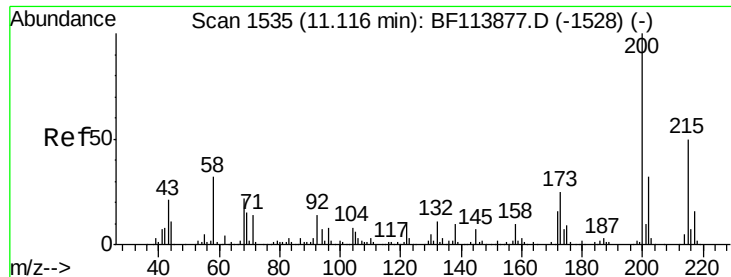
#68
Hexachlorobenzene
Concen: 31.784 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF113959.D
Acq: 24 Apr 2019 14:17

Tgt Ion:284 Resp: 216495
Ion Ratio Lower Upper
284 100
142 25.6 23.0 34.4
249 29.8 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: 34.571 ng

RT: 11.11 min Scan# 1534

Delta R.T. -0.01 min

Lab File: BF113959.D

Acq: 24 Apr 2019 14:17

Instrument :

BNA_F

ClientSampleId :

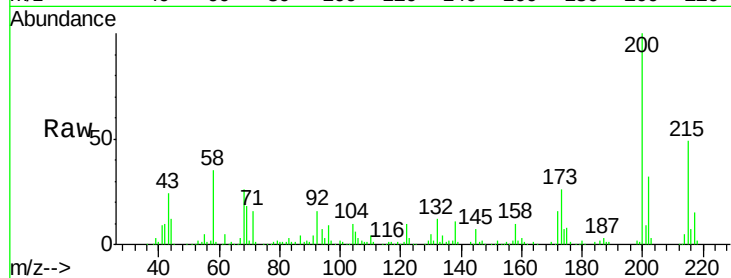
Tot Ion:200 Resp: 173139

Ion Ratio Lower Upper

200 100

173 26.1 5.9 45.9

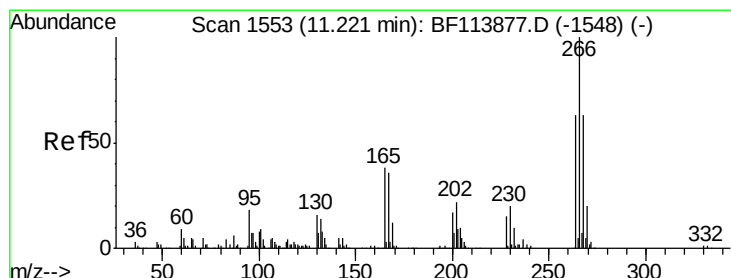
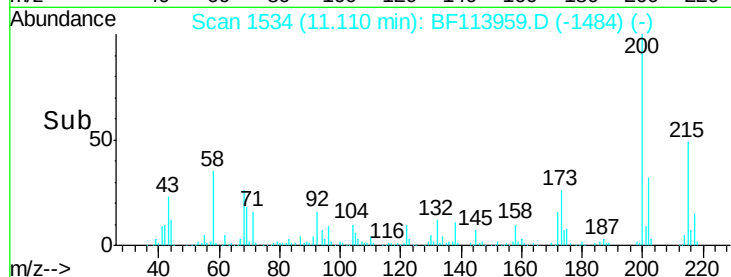
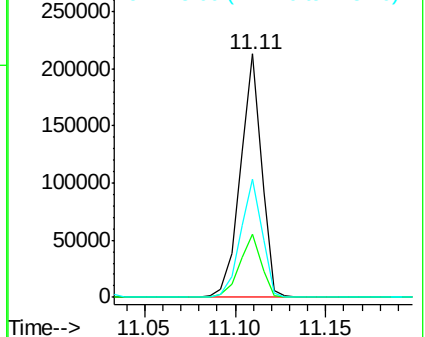
215 48.6 29.3 69.3



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: 51.518 ng

RT: 11.22 min Scan# 1553

Delta R.T. -0.00 min

Lab File: BF113959.D

Acq: 24 Apr 2019 14:17

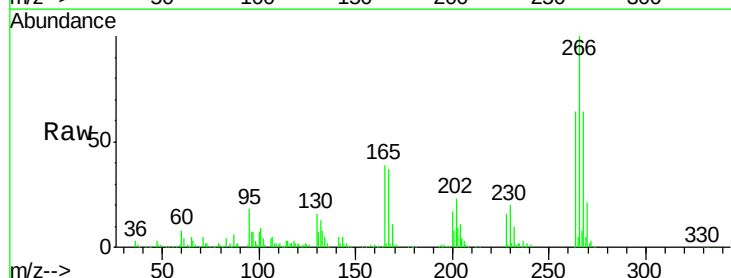
Tgt Ion:266 Resp: 198679

Ion Ratio Lower Upper

266 100

268 64.1 53.5 80.3

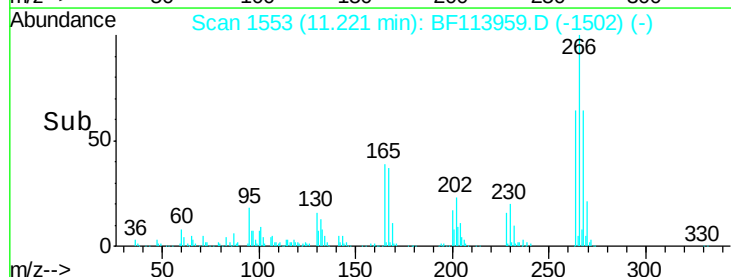
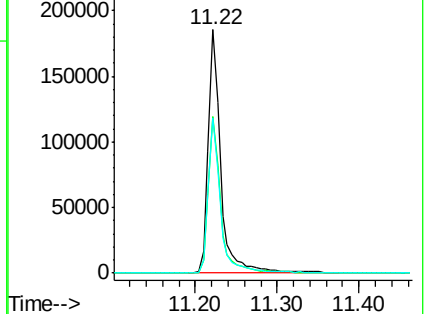
264 63.7 51.0 76.6

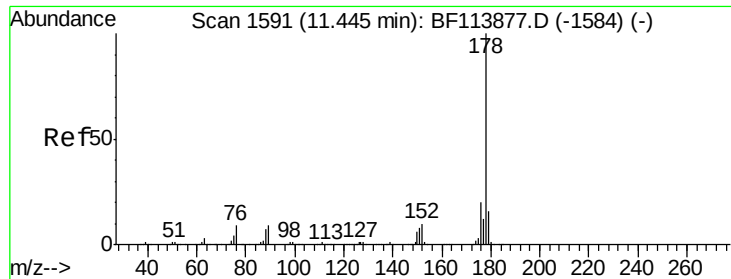


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 33.050 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF113959.D

Acq: 24 Apr 2019 14:17

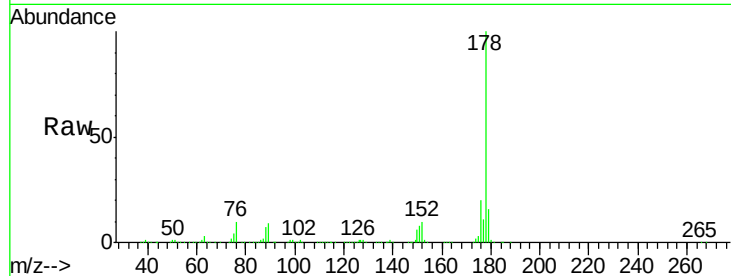
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 852216

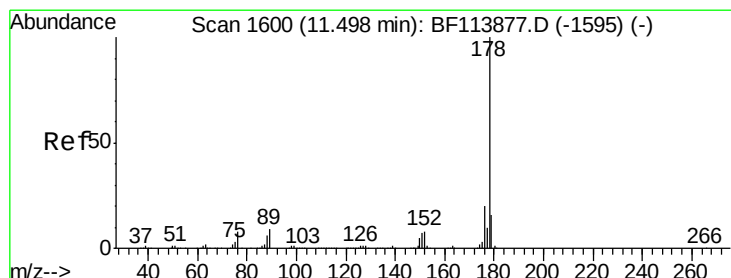
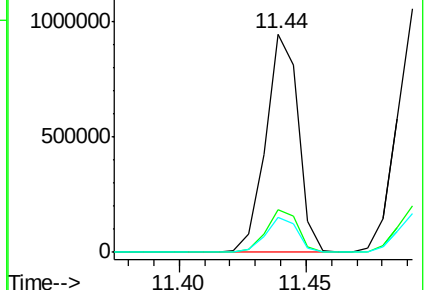
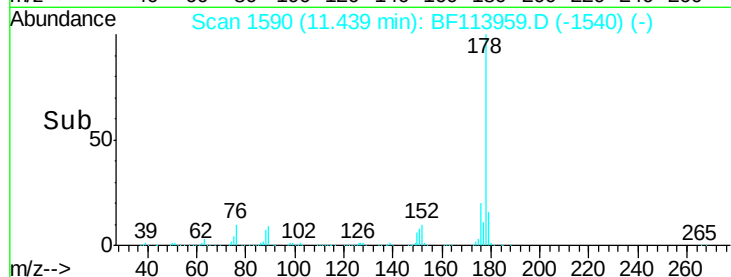
Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.1	24.1
179	15.9	12.8	19.2



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: 33.895 ng

RT: 11.49 min Scan# 1599

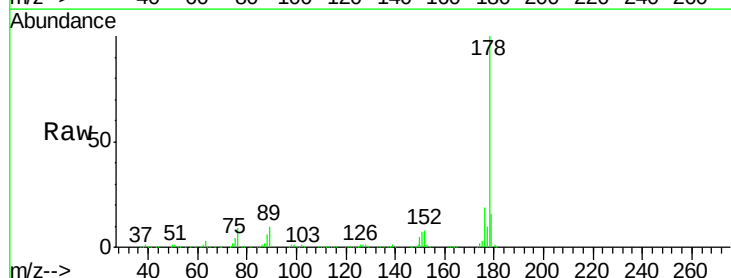
Delta R.T. -0.01 min

Lab File: BF113959.D

Acq: 24 Apr 2019 14:17

Tgt Ion:178 Resp: 882600

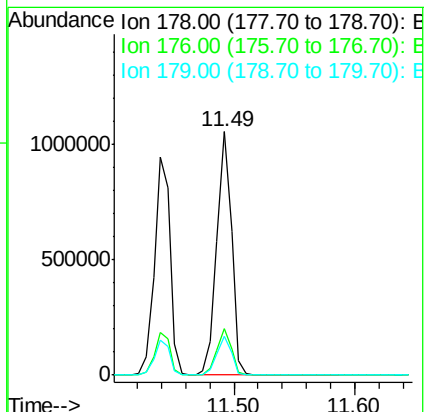
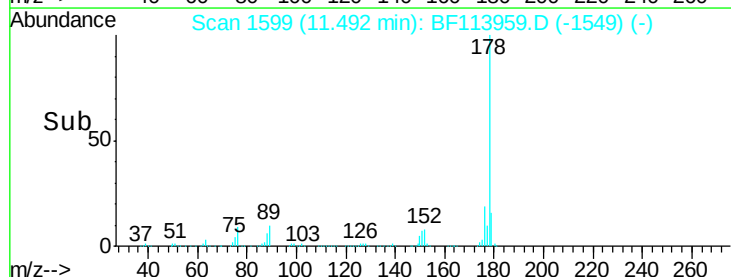
Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.7	23.5
179	15.7	13.0	19.4

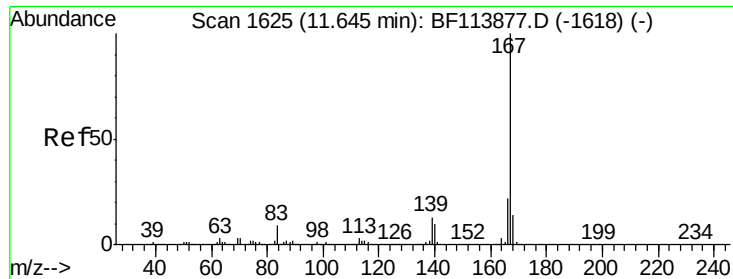


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

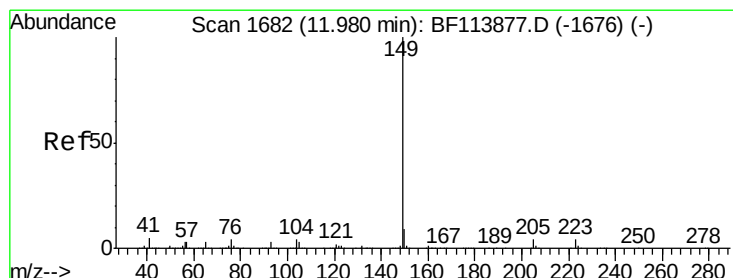
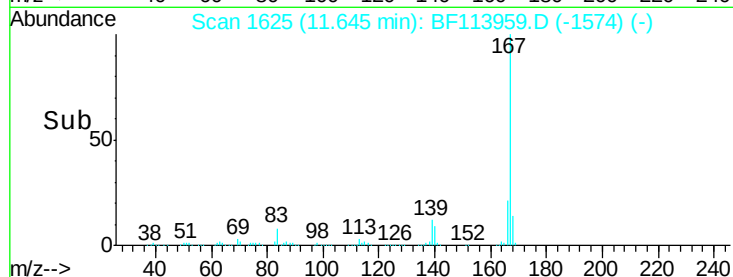
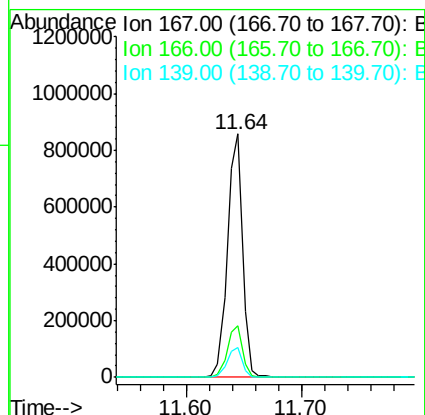
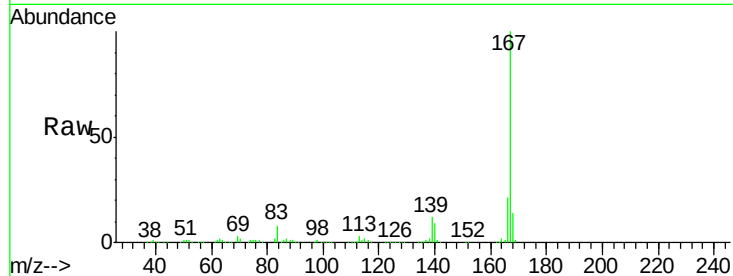




#73
 Carbazole
 Concen: 33.541 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BF113959.D
 Acq: 24 Apr 2019 14:17

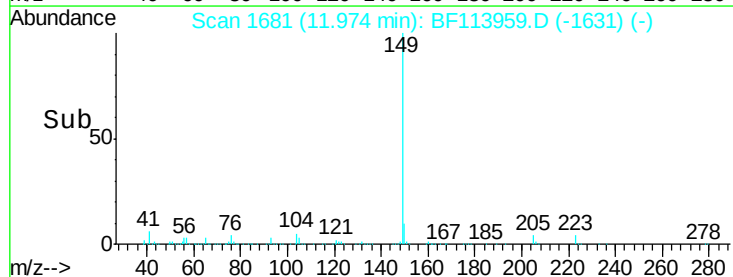
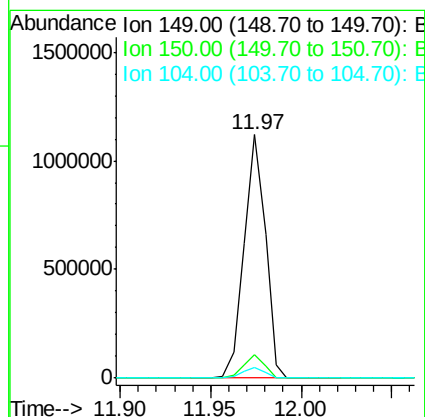
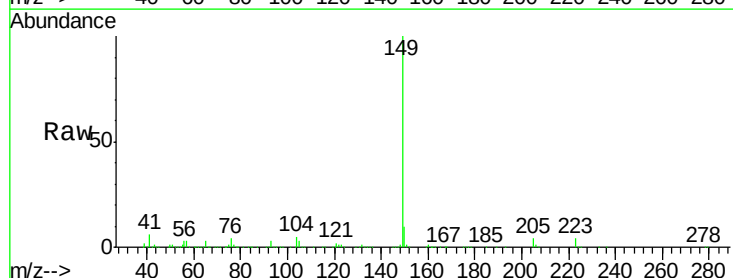
Instrument :
 BNA_F
 ClientSampleId :

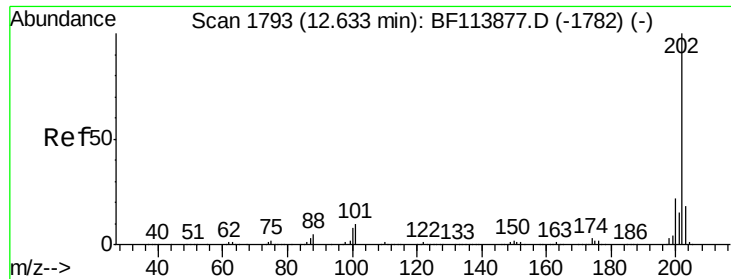
Tot Ion:167 Resp: 779199
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.7 26.5
 139 12.1 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 33.558 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BF113959.D
 Acq: 24 Apr 2019 14:17

Tgt Ion:149 Resp: 917039
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.8
 104 4.6 3.8 5.8

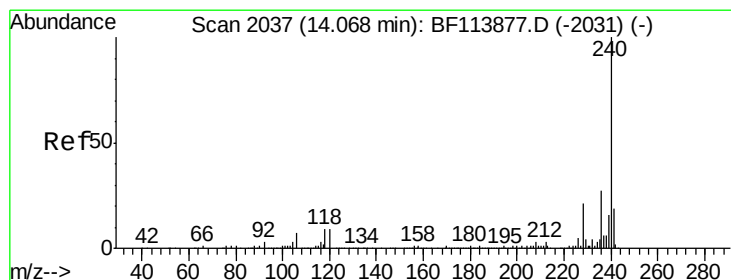
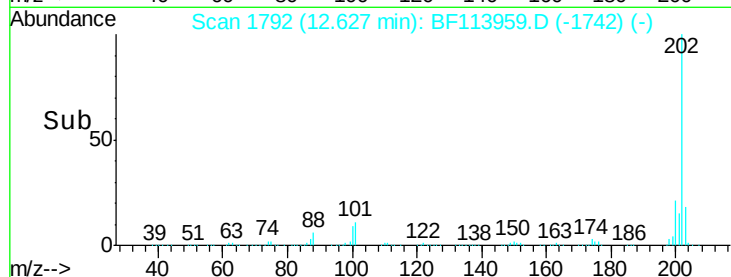
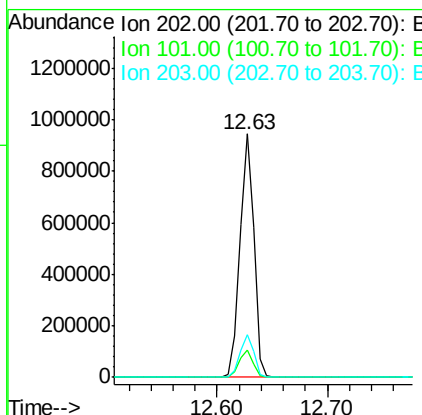
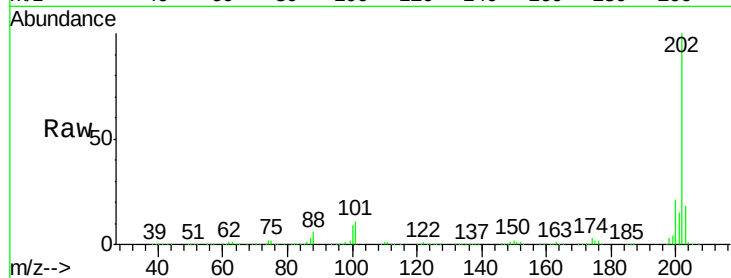




#75
Fluoranthene
Concen: 29.982 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF113959.D
Acq: 24 Apr 2019 14:17

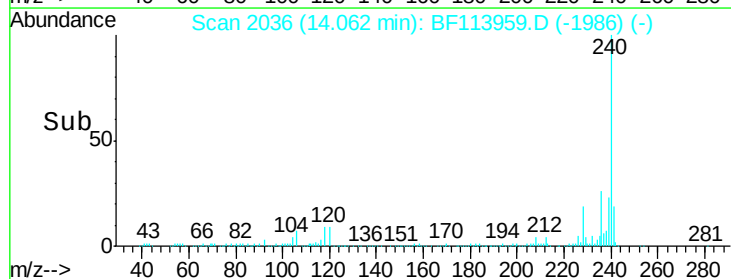
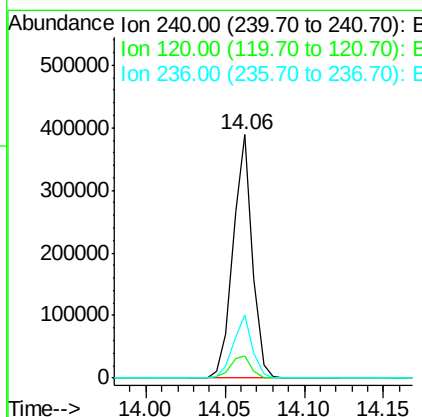
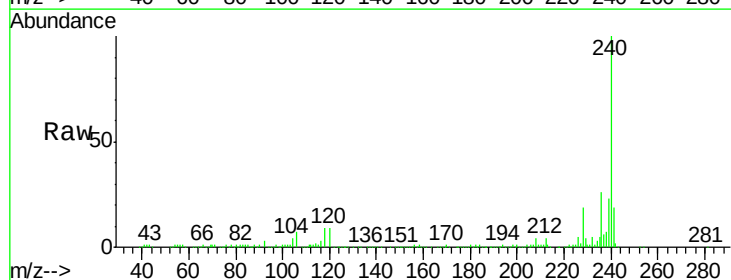
Instrument :
BNA_F
ClientSampleId :

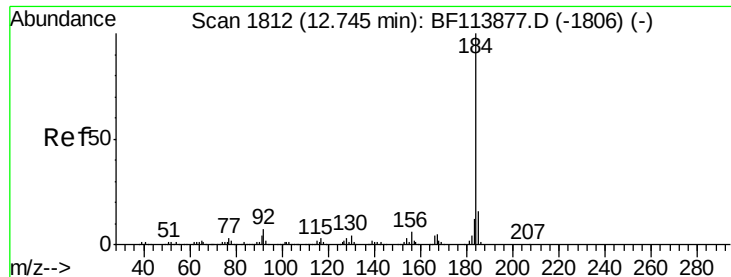
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	32.9
203	17.8	0.0	38.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF113959.D
Acq: 24 Apr 2019 14:17

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.3	13.9#
236	26.0	21.2	31.8





#77

Benzidine

Concen: 22.204 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF113959.D

Acq: 24 Apr 2019 14:17

Instrument :

BNA_F

ClientSampled :

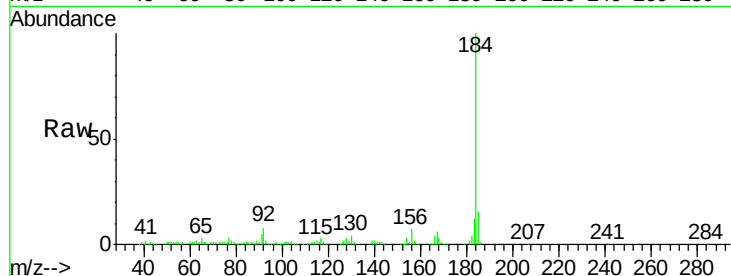
Tot Ion:184 Resp: 215004

Ion Ratio Lower Upper

184 100

185 15.7 13.0 19.6

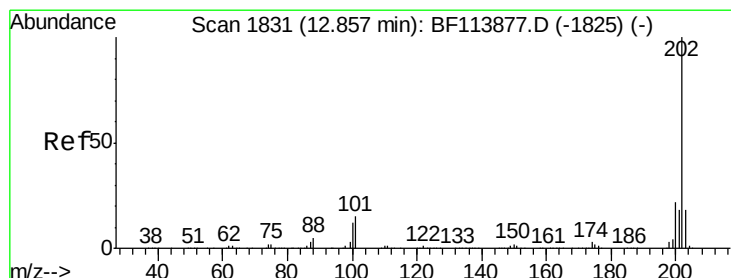
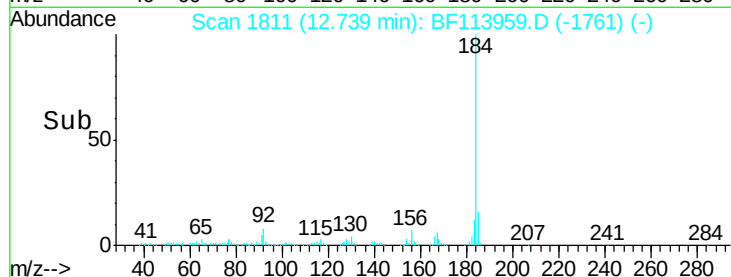
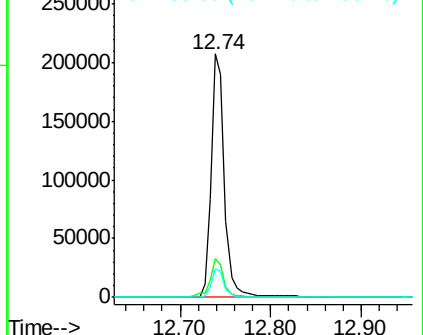
183 11.9 9.4 14.0



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: 36.369 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF113959.D

Acq: 24 Apr 2019 14:17

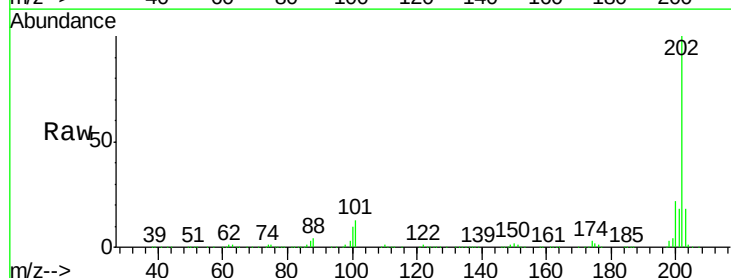
Tgt Ion:202 Resp: 826558

Ion Ratio Lower Upper

202 100

200 21.6 17.7 26.5

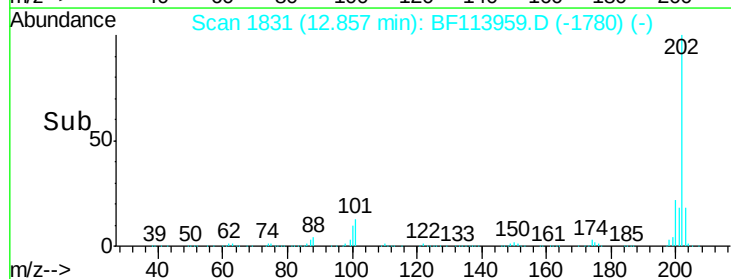
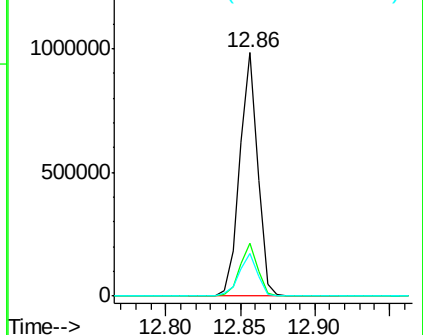
203 17.6 15.0 22.6

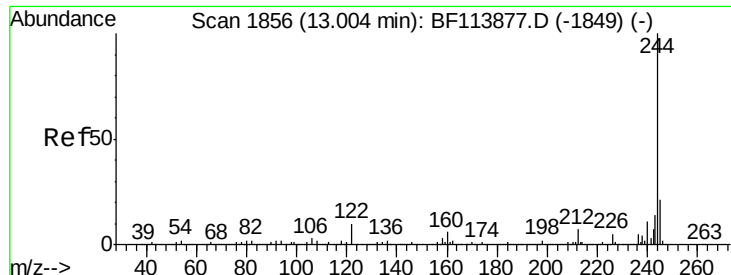


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 70.310 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF113959.D

Acq: 24 Apr 2019 14:17

Instrument :

BNA_F

ClientSampleId :

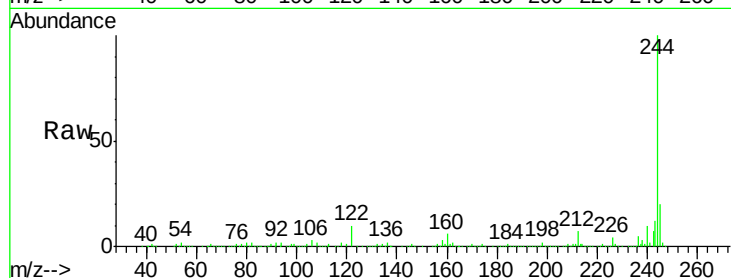
Tot Ion:244 Resp: 1114559

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

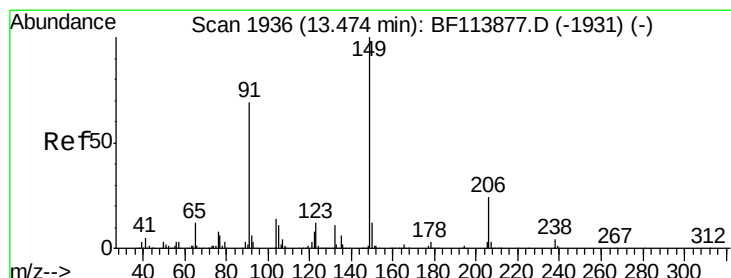
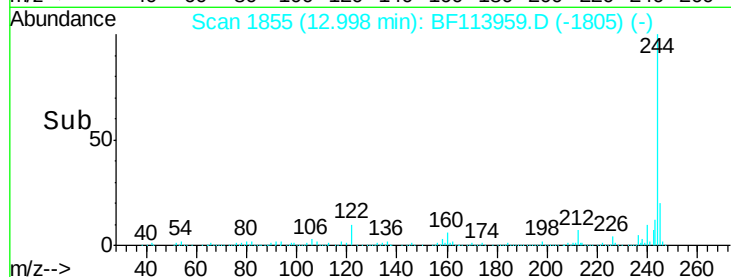
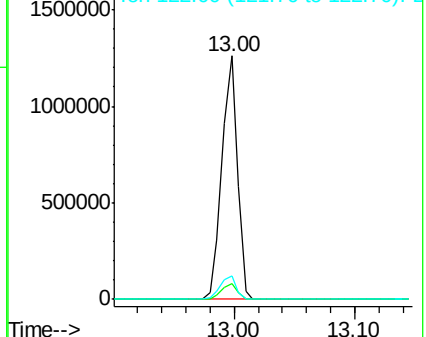
122 9.7 7.6 11.4



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: 37.238 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BF113959.D

Acq: 24 Apr 2019 14:17

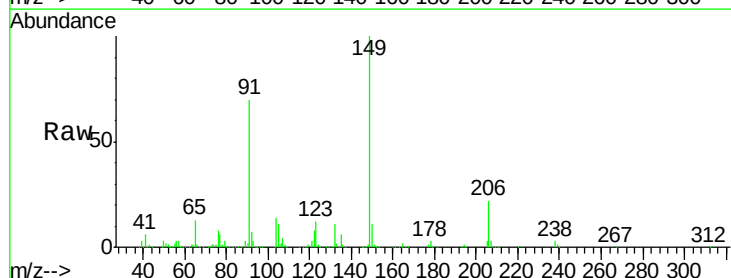
Tgt Ion:149 Resp: 332978

Ion Ratio Lower Upper

149 100

91 70.4 56.3 84.5

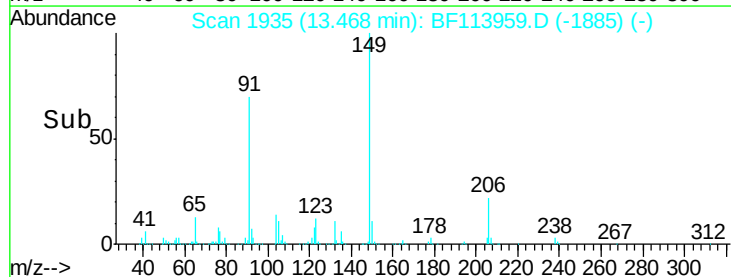
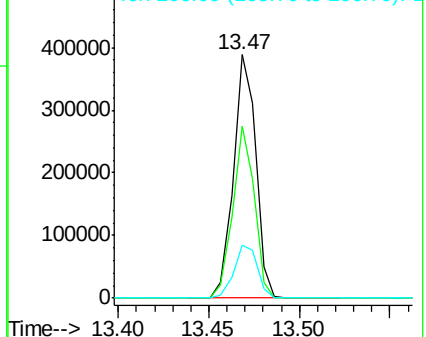
206 22.0 19.0 28.6

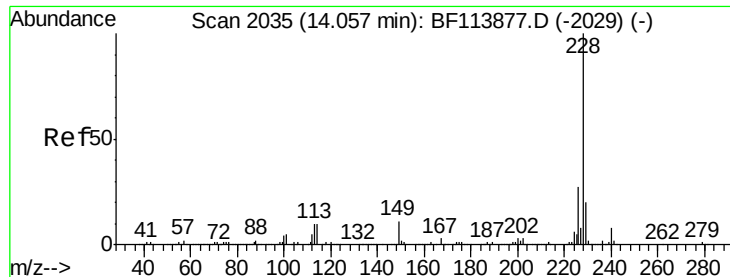


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

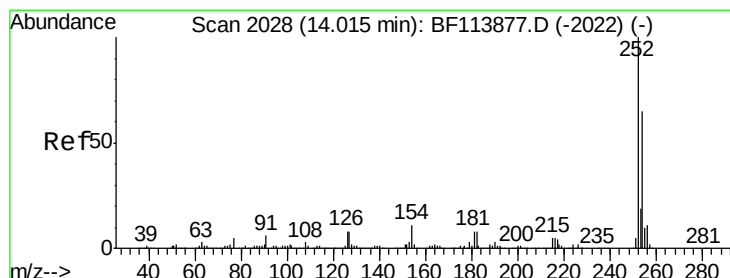
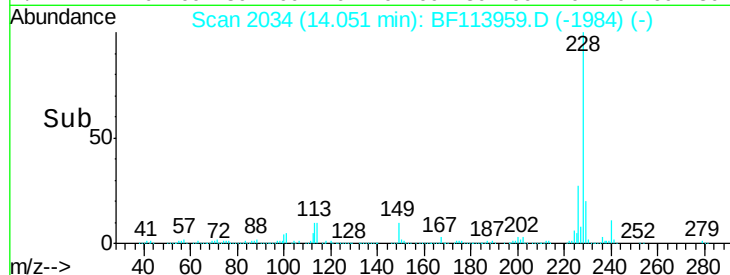
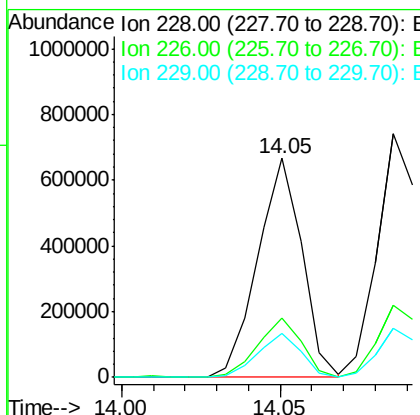
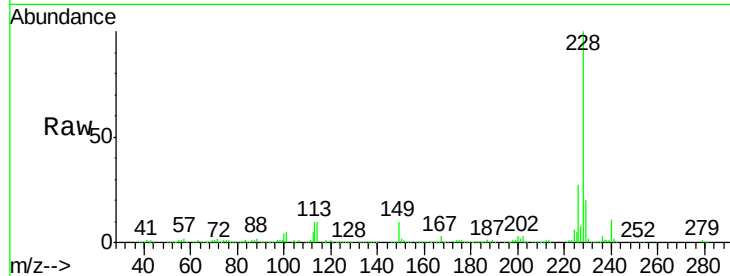




#81
Benzo(a)anthracene
Concen: 33.809 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF113959.D
Acq: 24 Apr 2019 14:17

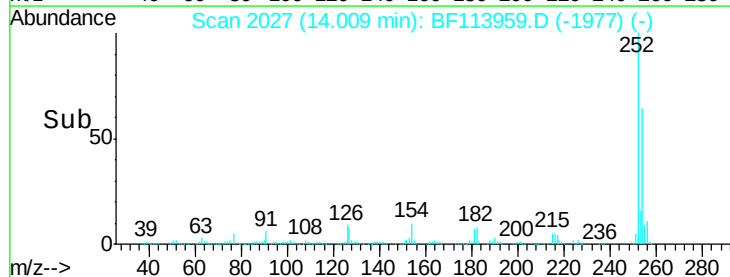
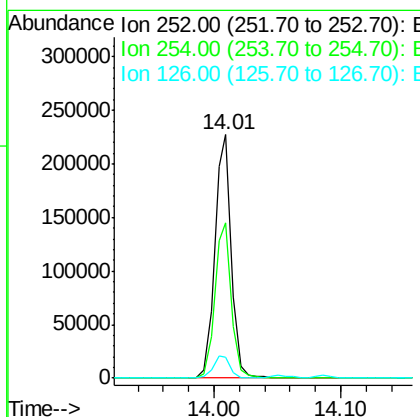
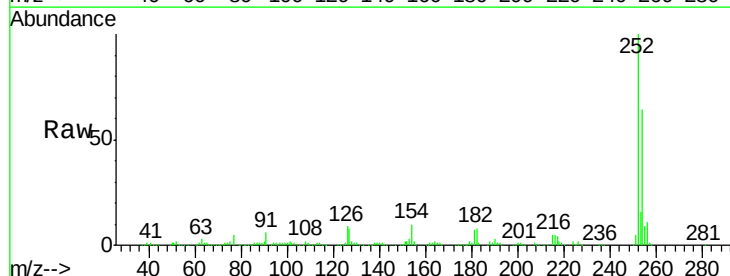
Instrument :
BNA_F
ClientSampled :

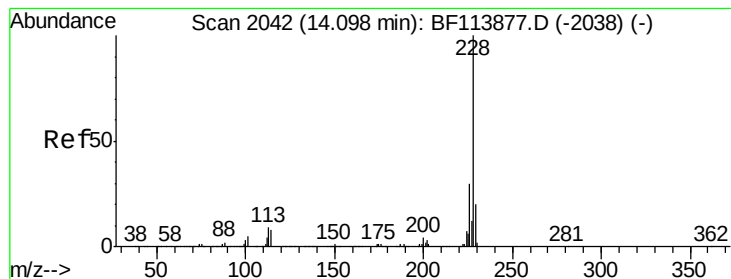
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.2	33.2
229	20.3	16.0	24.0



#82
3,3'-Dichlorobenzidine
Concen: 29.792 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF113959.D
Acq: 24 Apr 2019 14:17

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	52.1	78.1
126	8.8	9.3	13.9





#83

Chrysene

Concen: 34.950 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF113959.D

Acq: 24 Apr 2019 14:17

Instrument :

BNA_F

ClientSampled :

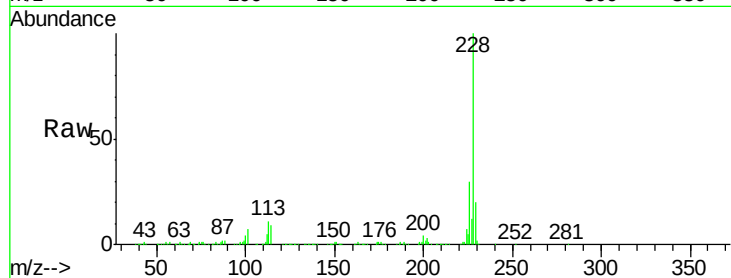
Tot Ion:228 Resp: 651748

Ion Ratio Lower Upper

228 100

226 29.7 25.2 37.8

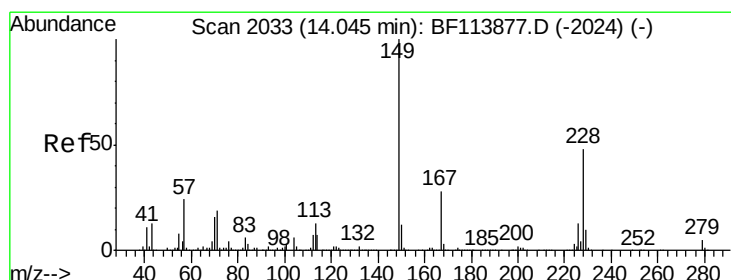
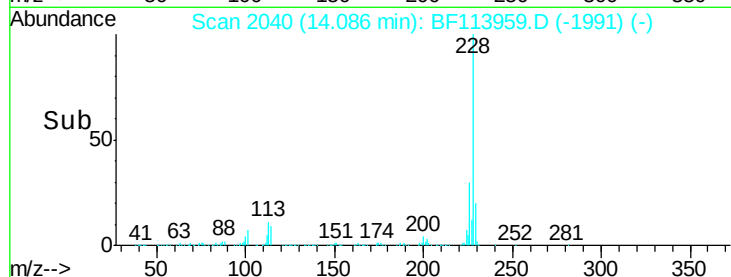
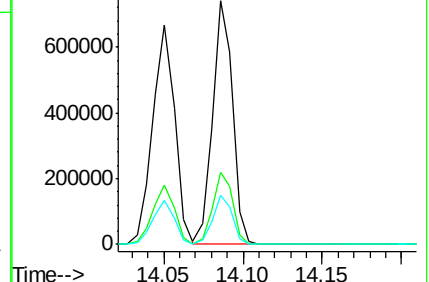
229 20.2 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.765 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF113959.D

Acq: 24 Apr 2019 14:17

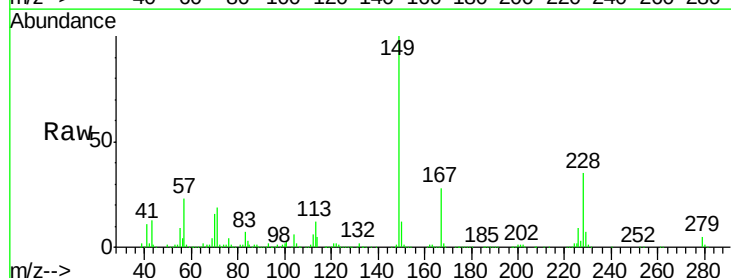
Tgt Ion:149 Resp: 441022

Ion Ratio Lower Upper

149 100

167 28.2 22.9 34.3

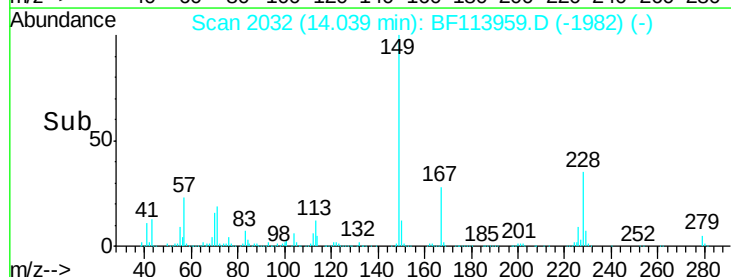
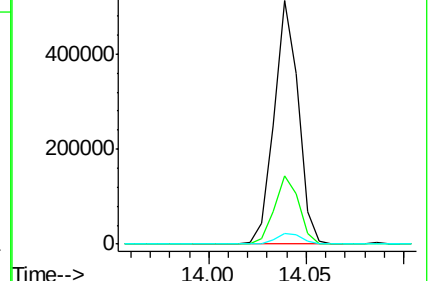
279 4.5 4.2 6.2

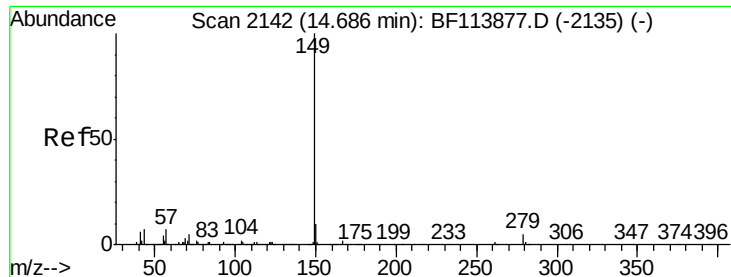


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.214 ng

RT: 14.67 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BF113959.D

Acq: 24 Apr 2019 14:17

Instrument :

BNA_F

ClientSampleId :

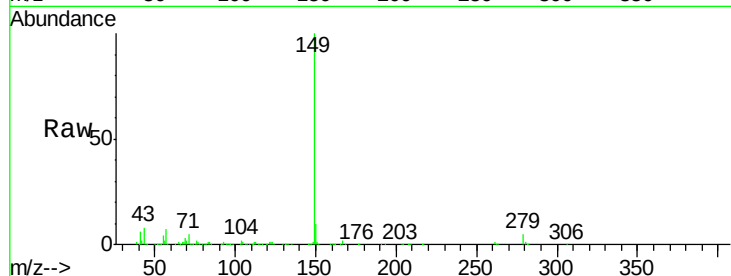
Tot Ion:149 Resp: 680494

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

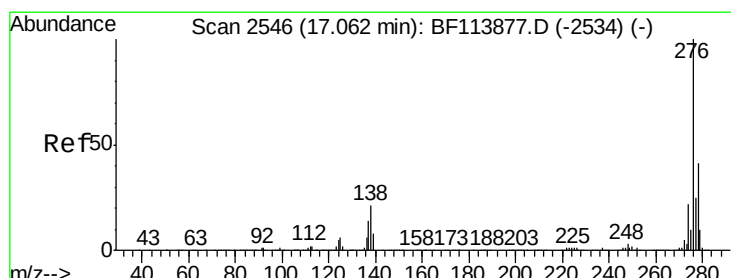
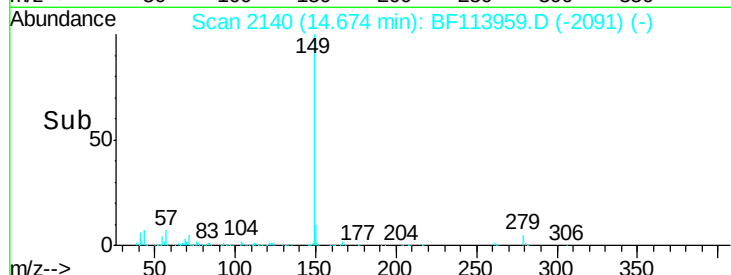
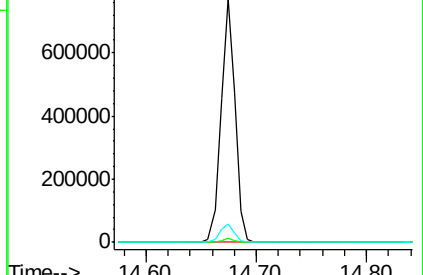
43 7.5 6.6 10.0



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: 50.184 ng

RT: 17.06 min Scan# 2546

Delta R.T. -0.00 min

Lab File: BF113959.D

Acq: 24 Apr 2019 14:17

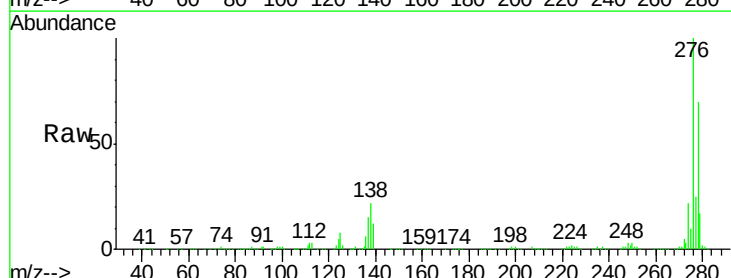
Tgt Ion:276 Resp: 886448

Ion Ratio Lower Upper

276 100

138 22.6 19.6 29.4

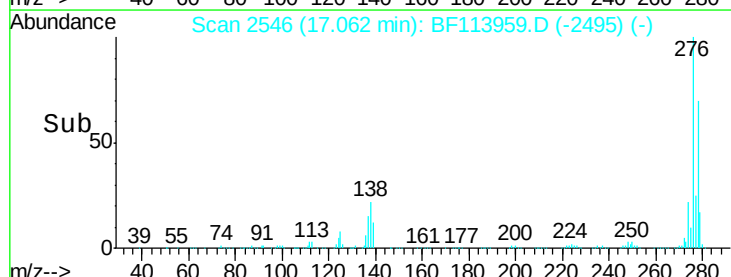
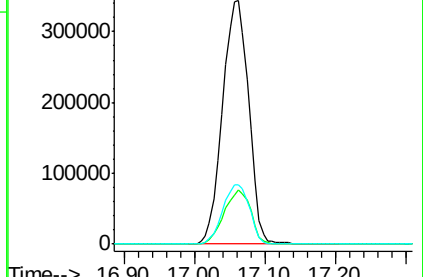
277 25.1 20.2 30.4

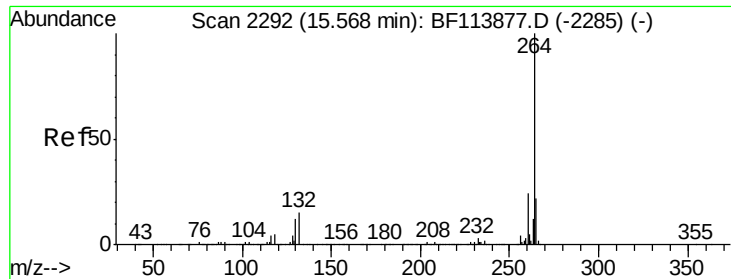


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



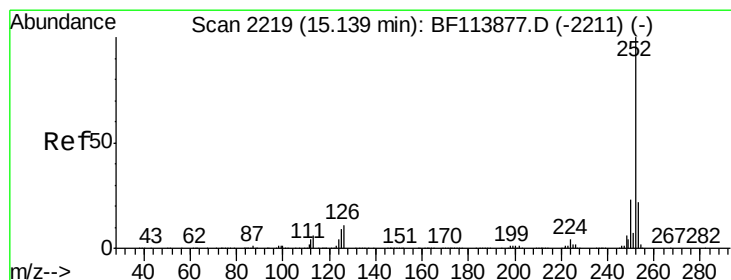
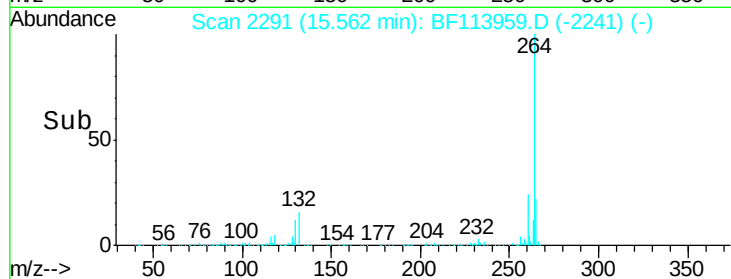
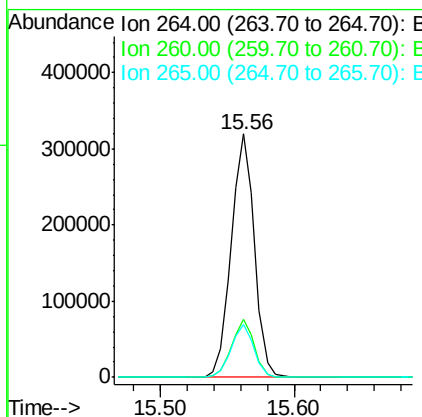
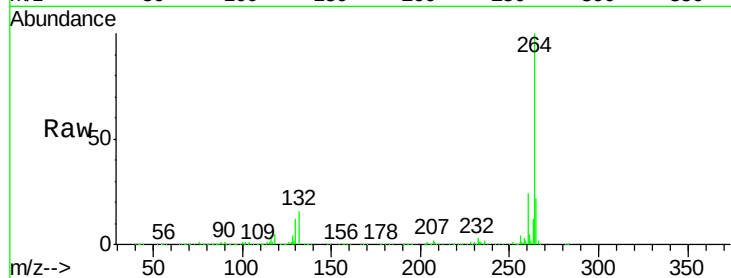


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF113959.D
Acq: 24 Apr 2019 14:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 388754

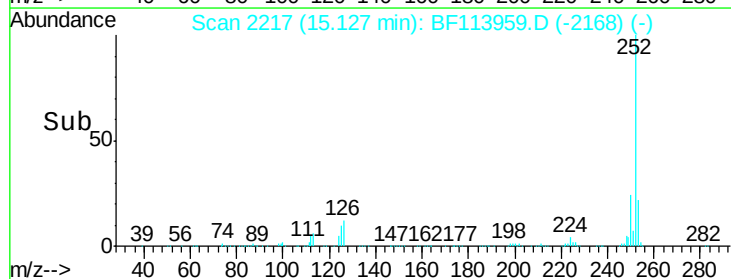
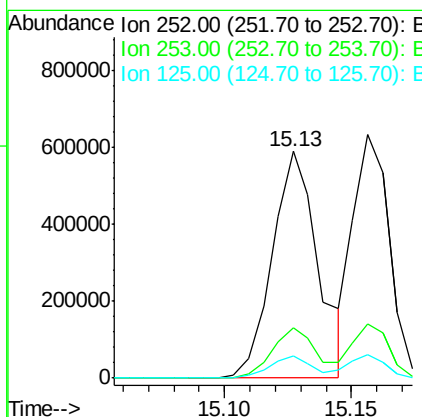
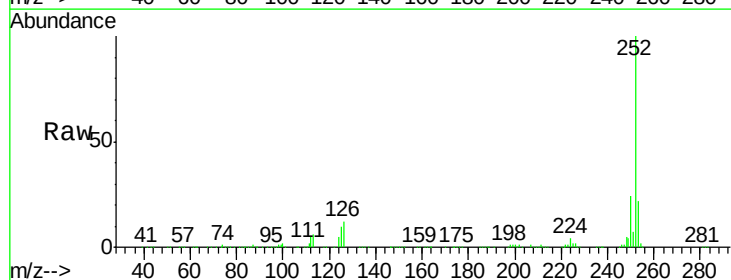
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.6	17.3	25.9

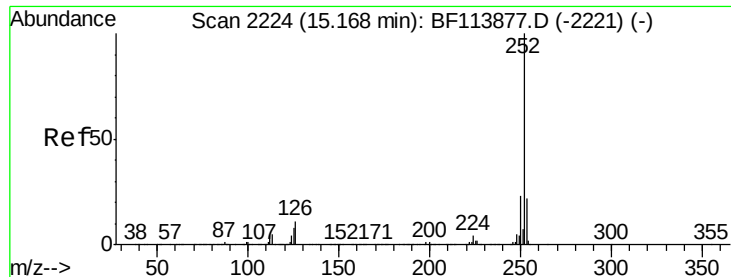


#88
Benzo(b)fluoranthene
Concen: 30.351 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF113959.D
Acq: 24 Apr 2019 14:17

Tgt Ion:252 Resp: 746515

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	9.7	7.0	10.6

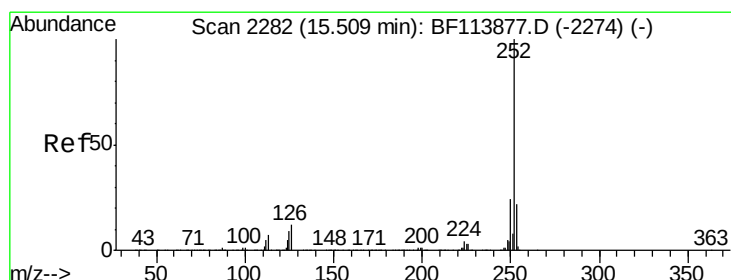
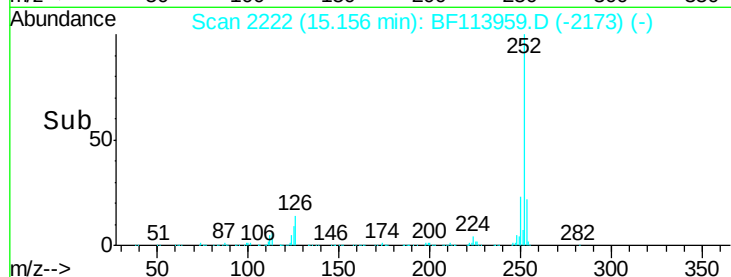
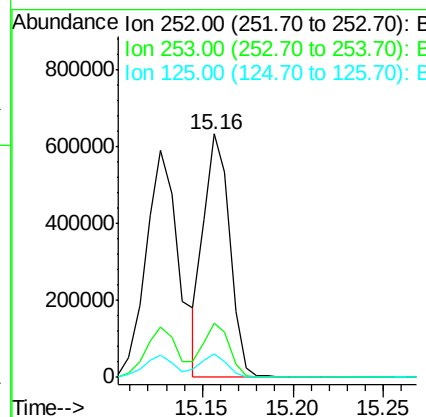
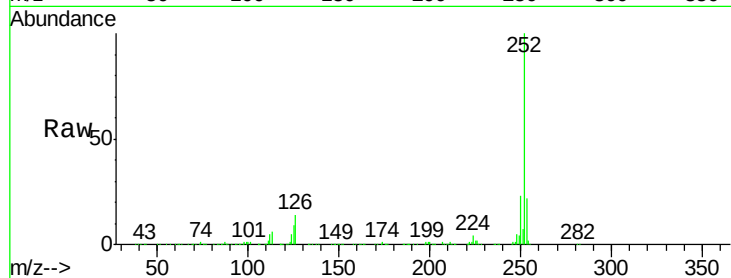




#89
Benzo(k)fluoranthene
Concen: 29.817 ng
RT: 15.16 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF113959.D
Acq: 24 Apr 2019 14:17

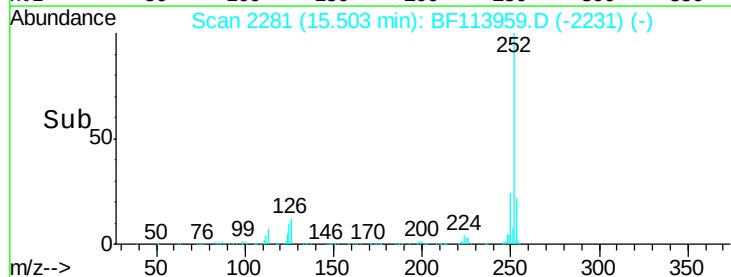
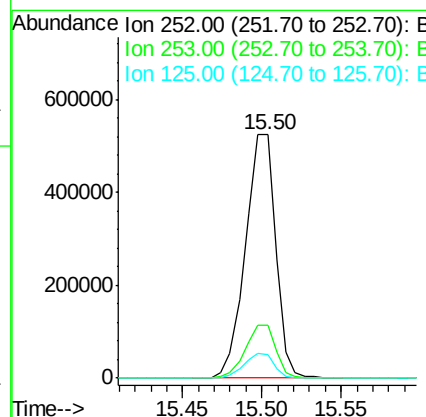
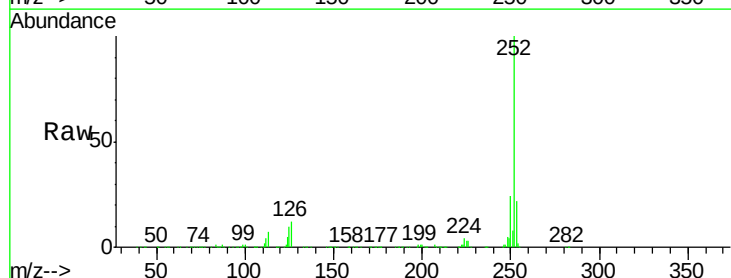
Instrument :
BNA_F
ClientSampleId :

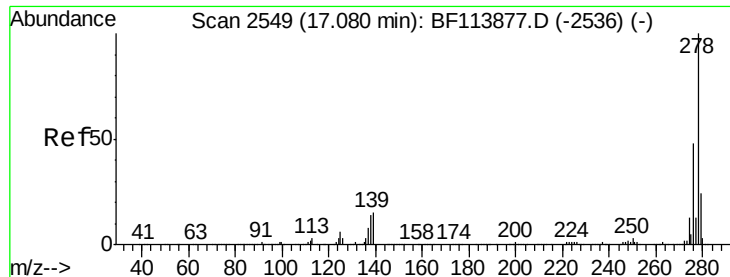
Tot Ion:252 Resp: 630848
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 9.4 7.4 11.2



#90
Benzo(a)pyrene
Concen: 32.718 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF113959.D
Acq: 24 Apr 2019 14:17

Tgt Ion:252 Resp: 696066
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.6 8.5 12.7

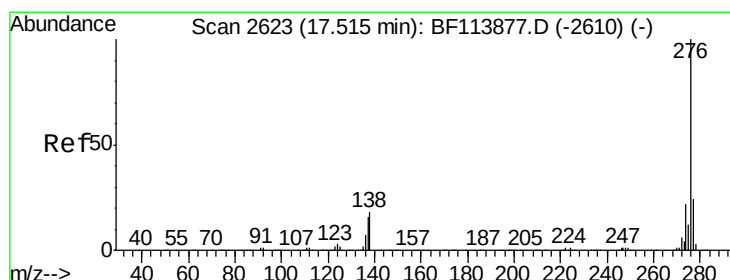
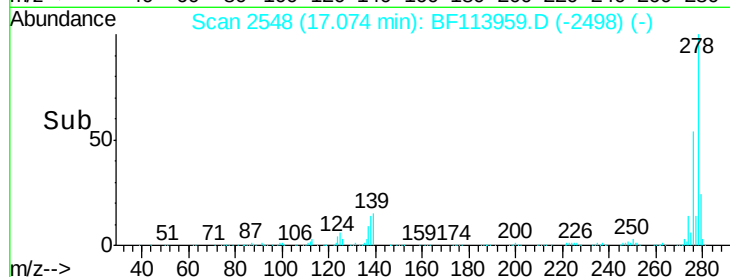
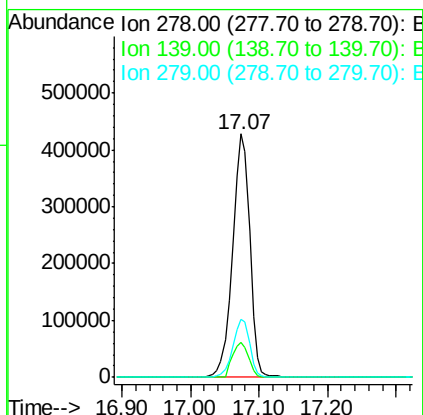
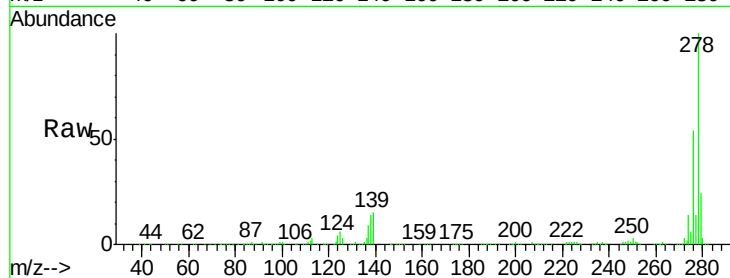




#91
Dibenzo(a,h)anthracene
Concen: 37.208 ng
RT: 17.07 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BF113959.D
Acq: 24 Apr 2019 14:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 743070
Ion Ratio Lower Upper
278 100
139 14.5 11.6 17.4
279 23.7 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 37.051 ng
RT: 17.51 min Scan# 2622
Delta R.T. -0.01 min
Lab File: BF113959.D
Acq: 24 Apr 2019 14:17

Tgt Ion:276 Resp: 746729
Ion Ratio Lower Upper
276 100
277 23.4 19.0 28.4
138 19.7 16.6 25.0

