

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040319\
 Data File : BF113560.D
 Acq On : 3 Apr 2019 23:15
 Operator : JU/SJ
 Sample : K2190-03MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 04 04:27:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	121450	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	404483	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	163225	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	293140	20.00	ng	0.00
76) Chrysene-d12	13.84	240	300540	20.00	ng	0.00
87) Perylene-d12	15.25	264	292428	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	750664	105.40	ng	0.02
7) Phenol-d6	6.34	99	863964	98.42	ng	0.00
23) Nitrobenzene-d5	7.25	82	579836	83.97	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	230180	117.40	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1024133	101.01	ng	0.00
79) Terphenyl-d14	12.79	244	1054971	71.47	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.46	88	121371	35.980	ng	# 83
3) Pyridine	3.18	79	134668	15.255	ng	94
4) n-Nitrosodimethylamine	3.06	42	129218	34.451	ng	91
6) Aniline	6.36	93	45163	4.245	ng	# 1
8) 2-Chlorophenol	6.47	128	294124	35.693	ng	99
9) Benzaldehyde	6.23	77	194435	37.252	ng	100
10) Phenol	6.35	94	299382	29.862	ng	# 70
11) bis(2-Chloroethyl)ether	6.43	93	291878	37.426	ng	99
12) 1,3-Dichlorobenzene	6.63	146	327703	36.928	ng	98
13) 1,4-Dichlorobenzene	6.70	146	330744	36.882	ng	99
14) 1,2-Dichlorobenzene	6.86	146	306797	37.902	ng	99
15) Benzyl Alcohol	6.83	79	216662	36.503	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	455807	37.549	ng	94
17) 2-Methylphenol	6.96	107	220545	34.536	ng	98
18) Hexachloroethane	7.19	117	110237	33.773	ng	96
19) n-Nitroso-di-n-propylamine	7.10	70	197435	36.474	ng	99
20) 3+4-Methylphenols	7.11	107	278051	35.935	ng	97
22) Acetophenone	7.10	105	392241	44.152	ng	# 96
24) Nitrobenzene	7.27	77	296194	41.651	ng	96
25) Isophorone	7.51	82	516342	38.816	ng	99
26) 2-Nitrophenol	7.59	139	144718	37.812	ng	96
27) 2,4-Dimethylphenol	7.63	122	237178	43.347	ng	99
28) bis(2-Chloroethoxy)methane	7.72	93	342239	40.694	ng	100
29) 2,4-Dichlorophenol	7.84	162	227277	38.822	ng	99
30) 1,2,4-Trichlorobenzene	7.91	180	263308	41.417	ng	99
31) Naphthalene	7.99	128	826898	42.193	ng	99
32) Benzoic acid	7.75	122	14701	3.470	ng	92
33) 4-Chloroaniline	8.05	127	19032	2.449	ng	97
34) Hexachlorobutadiene	8.11	225	159227	41.080	ng	99
35) Caprolactam	8.40	113	28030	15.083	ng	95
36) 4-Chloro-3-methylphenol	8.54	107	205460	34.961	ng	99
37) 2-Methylnaphthalene	8.68	142	521709	40.475	ng	98
38) 1-Methylnaphthalene	8.78	142	483387	38.892	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	245044	46.420	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.84	237	58162	39.597	ng	97
43) 2,4,6-Trichlorophenol	8.97	196	144326	43.313	ng	99
44) 2,4,5-Trichlorophenol	9.02	196	152884	42.737	ng	98
46) 1,1'-Biphenyl	9.15	154	616233	45.752	ng	98
47) 2-Chloronaphthalene	9.17	162	452912	44.412	ng	99
48) 2-Nitroaniline	9.27	65	133203	42.687	ng	96
49) Acenaphthylene	9.58	152	707499	42.664	ng	100
50) Dimethylphthalate	9.45	163	509766	42.368	ng	99
51) 2,6-Dinitrotoluene	9.52	165	105865	39.916	ng	# 86
52) Acenaphthene	9.76	154	406202	42.791	ng	99
53) 3-Nitroaniline	9.68	138	35250	11.690	ng	91
54) 2,4-Dinitrophenol	9.82	184	10246	8.258	ng	92
55) Dibenzofuran	9.93	168	604614	43.420	ng	98
56) 4-Nitrophenol	9.86	139	114434	61.178	ng	96
57) 2,4-Dinitrotoluene	9.92	165	124805	38.909	ng	92
58) Fluorene	10.27	166	457481	41.539	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.06	232	126088	40.719	ng	98
60) Diethylphthalate	10.15	149	489377	42.186	ng	100
61) 4-Chlorophenyl-phenylether	10.26	204	231413	42.719	ng	94
62) 4-Nitroaniline	10.29	138	110433	36.015	ng	97
63) Azobenzene	10.42	77	437834	39.862	ng	98
65) 4,6-Dinitro-2-methylphenol	10.35	198	11520	7.465	ng	94
66) n-Nitrosodiphenylamine	10.38	169	405707	45.082	ng	99
67) 4-Bromophenyl-phenylether	10.75	248	140457	42.722	ng	94
68) Hexachlorobenzene	10.82	284	158015	41.946	ng	# 94
69) Atrazine	10.91	200	119032	41.964	ng	97
70) Pentachlorophenol	11.02	266	87632	49.367	ng	100
71) Phenanthrene	11.23	178	642619	44.117	ng	99
72) Anthracene	11.28	178	669178	45.153	ng	99
73) Carbazole	11.44	167	618389	44.613	ng	98
74) Di-n-butylphthalate	11.77	149	736164	44.646	ng	99
75) Fluoranthene	12.42	202	739926	47.404	ng	98
77) Benzidine	12.54	184	119703	10.711	ng	97
78) Pyrene	12.64	202	761470	33.299	ng	99
80) Butylbenzylphthalate	13.26	149	338382	36.352	ng	95
81) Benzo(a)anthracene	13.83	228	688500	39.713	ng	100
82) 3,3'-Dichlorobenzidine	13.79	252	60427	9.049	ng	98
83) Chrysene	13.87	228	728234	41.437	ng	99
84) Bis(2-ethylhexyl)phthalate	13.82	149	459242	40.805	ng	99
85) Di-n-octyl phthalate	14.43	149	890765	48.691	ng	100
86) Indeno(1,2,3-cd)pyrene	16.62	276	687380	42.362	ng	98
88) Benzo(b)fluoranthene	14.85	252	701172	39.171	ng	99
89) Benzo(k)fluoranthene	14.88	252	715299	44.525	ng	99
90) Benzo(a)pyrene	15.19	252	674043	42.376	ng	99
91) Dibenzo(a,h)anthracene	16.62	278	591861	39.790	ng	99
92) Benzo(g,h,i)perylene	17.02	276	561147	36.960	ng	99

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

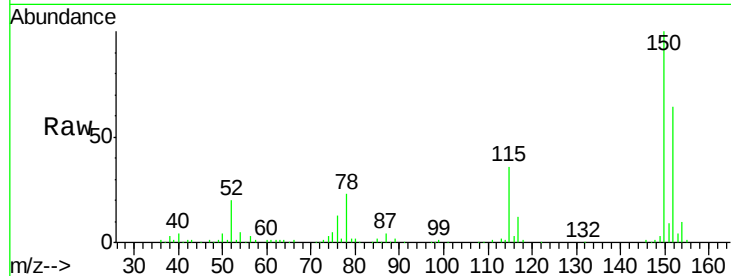


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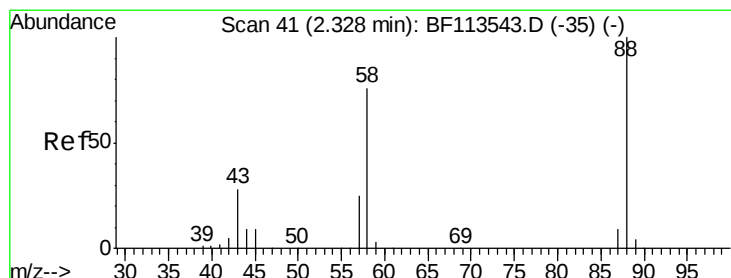
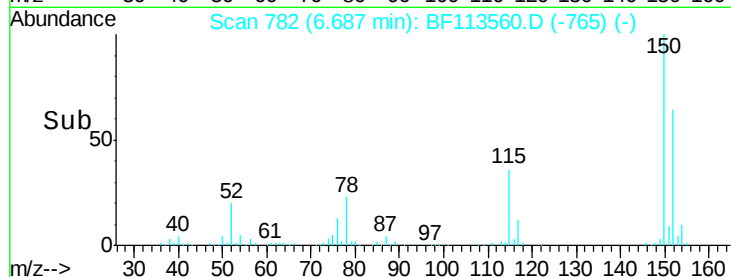
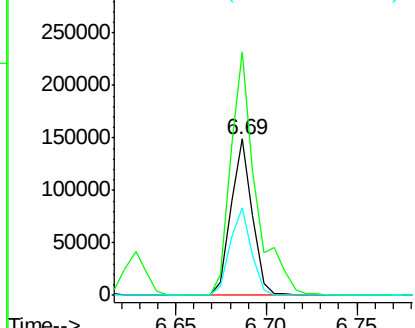
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 121450
Ion Ratio Lower Upper
152 100
150 155.7 124.7 187.1
115 56.3 46.0 69.0



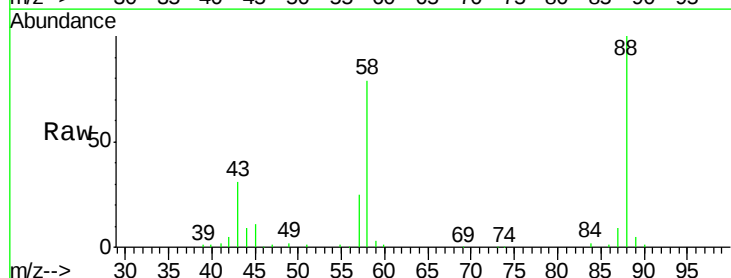
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



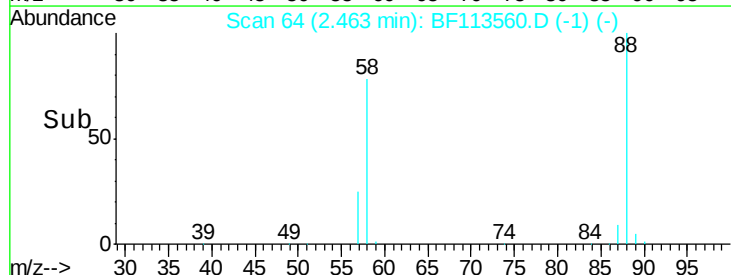
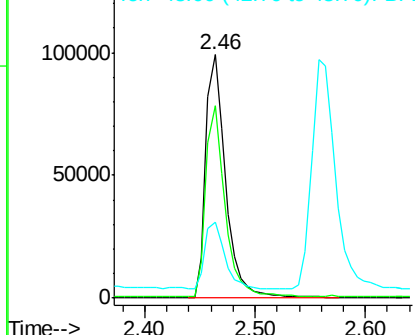
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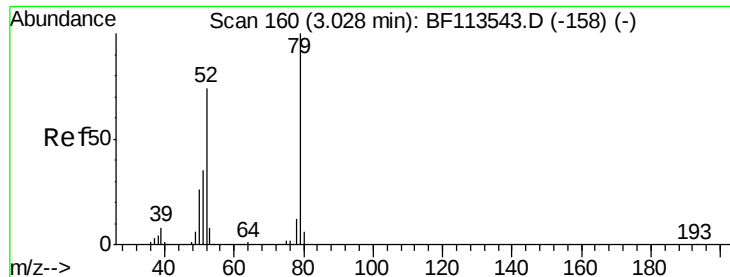
1,4-Dioxane
Concen: 35.980 ng
RT: 2.46 min Scan# 64
Delta R.T. 0.14 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Tgt Ion: 88 Resp: 121371
Ion Ratio Lower Upper
88 100
58 75.5 61.9 92.9
43 0.0 24.2 36.4#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 15.255 ng

RT: 3.18 min Scan# 185

Delta R.T. 0.15 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

Instrument :

BNA_F

ClientSampleId :

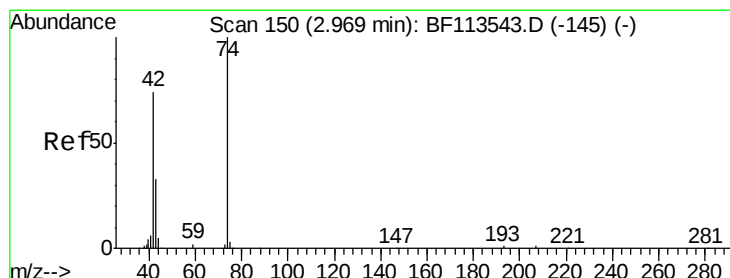
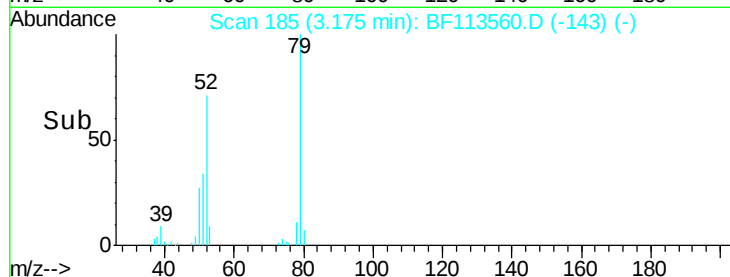
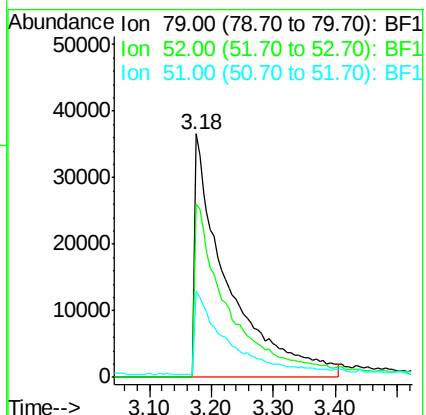
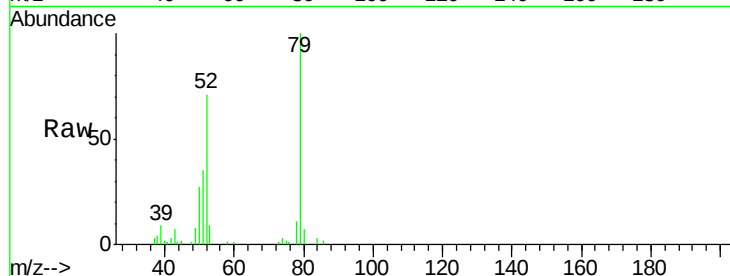
Tot Ion: 79 Resp: 134668

Ion Ratio Lower Upper

79 100

52 71.1 61.0 91.4

51 35.4 30.6 45.8



#4

n-Nitrosodimethylamine

Concen: 34.451 ng

RT: 3.06 min Scan# 165

Delta R.T. 0.09 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

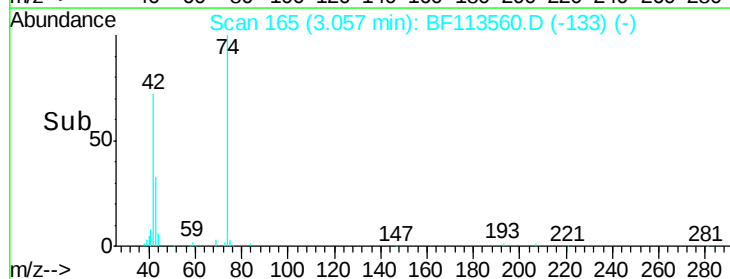
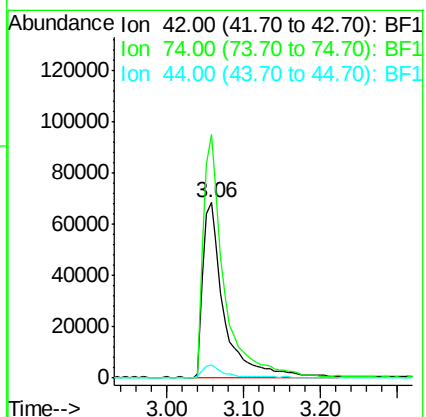
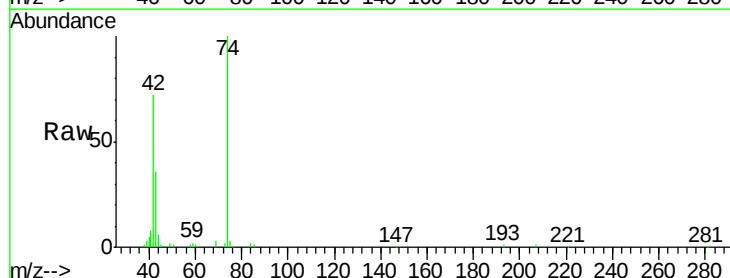
Tgt Ion: 42 Resp: 129218

Ion Ratio Lower Upper

42 100

74 138.9 102.4 153.6

44 7.7 5.5 8.3





#5

2-Fluorophenol

Concen: 105.398 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.02 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

Instrument :

BNA_F

ClientSampled :

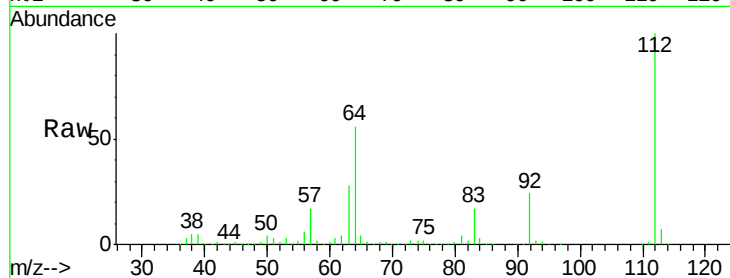
Tot Ion:112 Resp: 750664

Ion Ratio Lower Upper

112 100

64 55.7 49.2 73.8

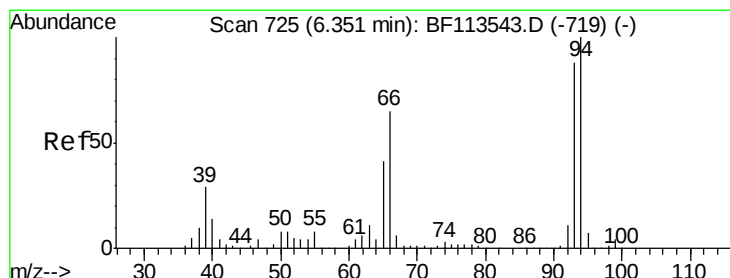
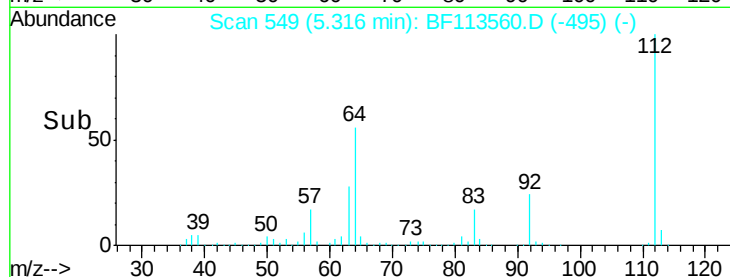
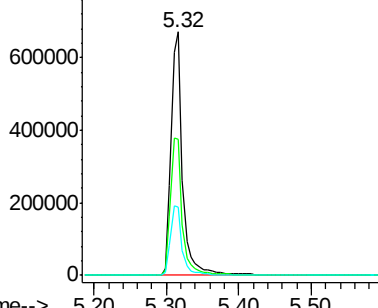
63 28.0 24.9 37.3



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: 4.245 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

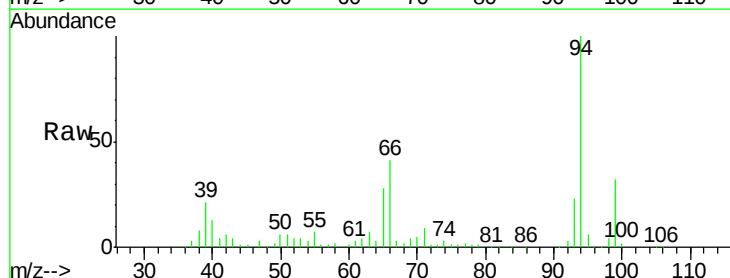
Tgt Ion: 93 Resp: 45163

Ion Ratio Lower Upper

93 100

66 178.4 62.1 93.1#

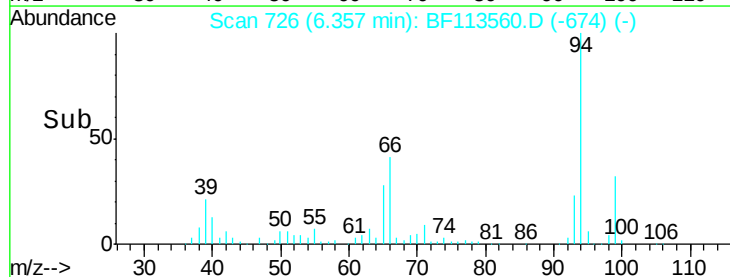
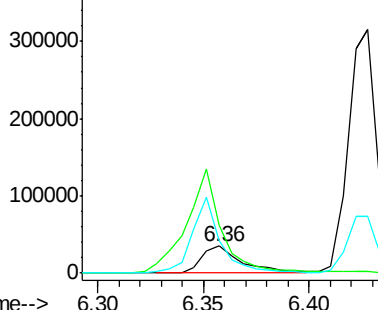
65 119.6 38.7 58.1#

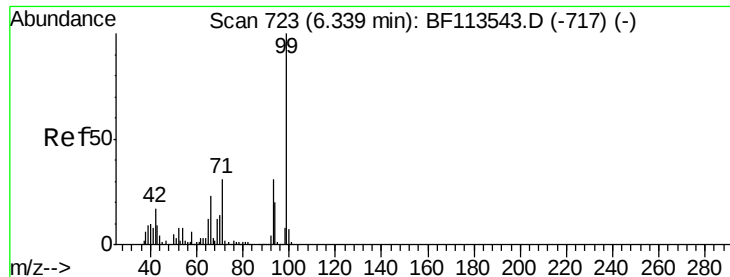


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 98.422 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

Instrument :

BNA_F

ClientSampleId :

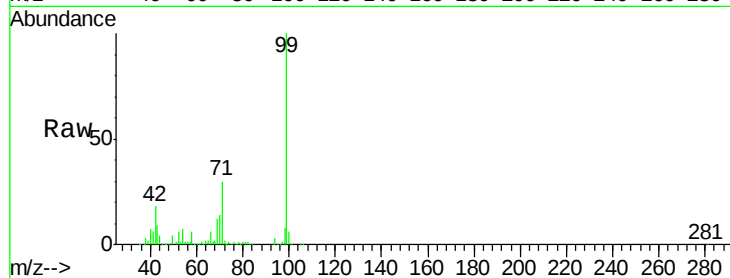
Tot Ion: 99 Resp: 863964

Ion Ratio Lower Upper

99 100

42 17.7 14.8 22.2

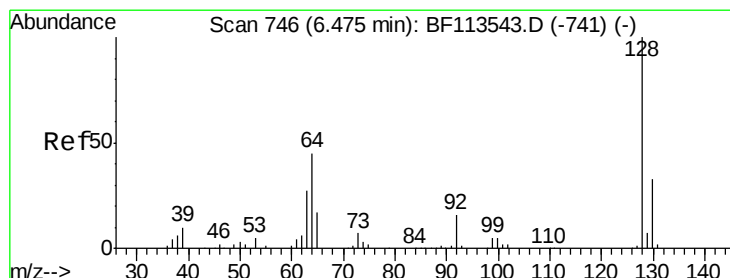
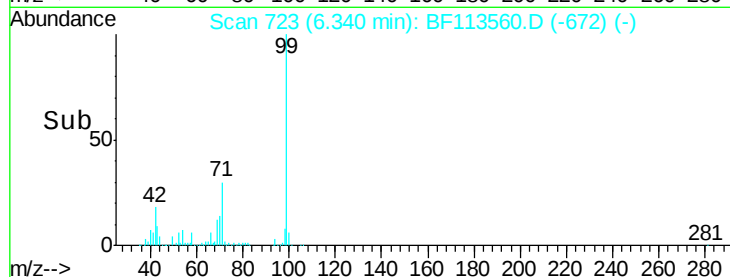
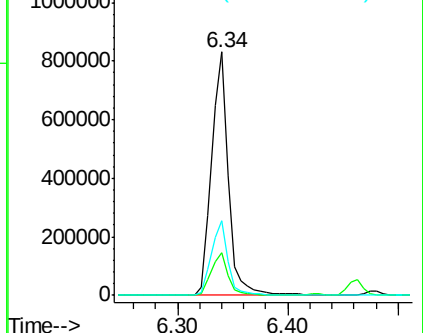
71 30.5 24.9 37.3



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: 35.693 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

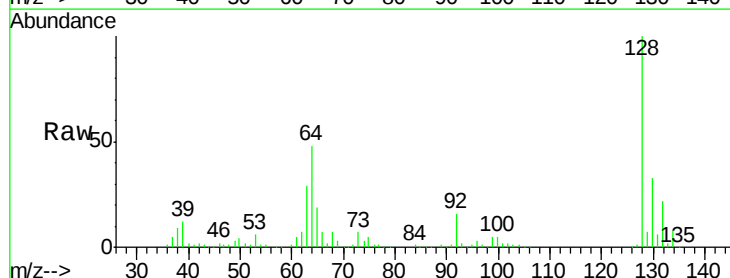
Tgt Ion: 128 Resp: 294124

Ion Ratio Lower Upper

128 100

130 32.6 12.6 52.6

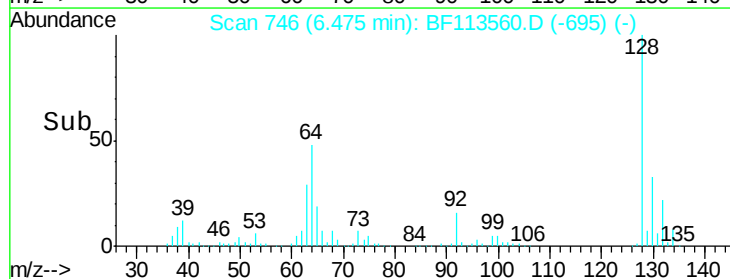
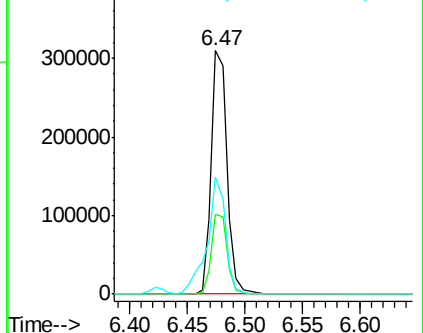
64 48.2 29.4 69.4

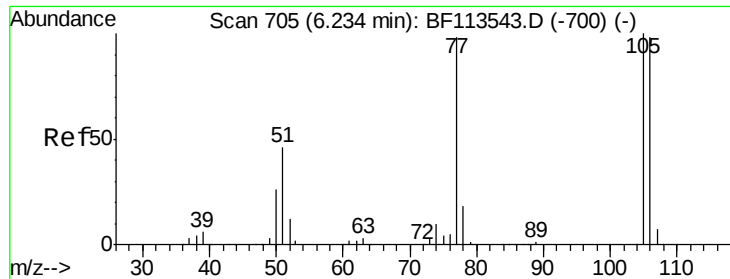


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

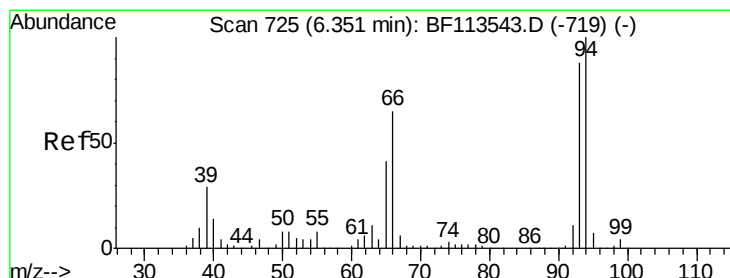
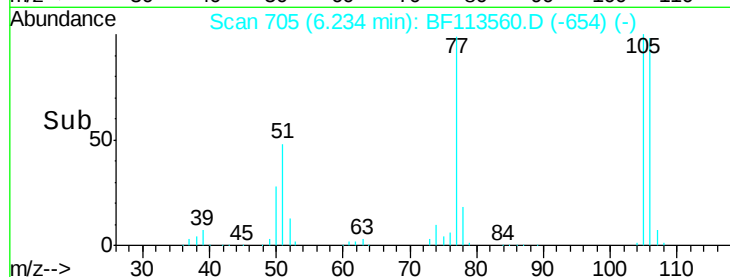
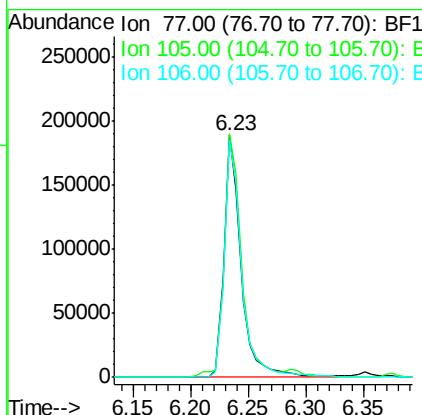
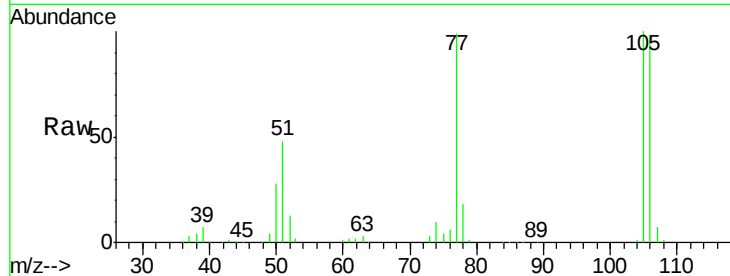




#9
Benzaldehyde
Concen: 37.252 ng
RT: 6.23 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

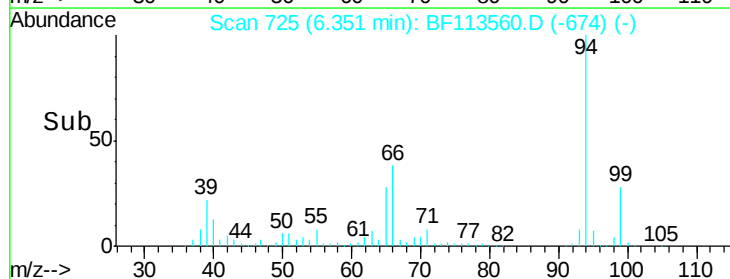
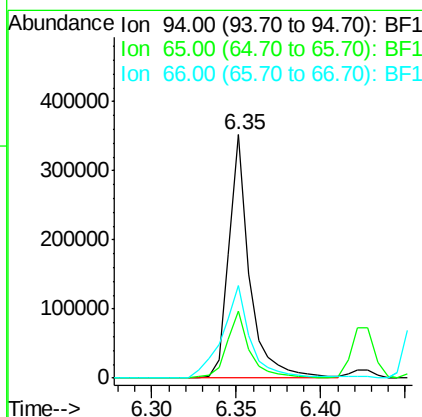
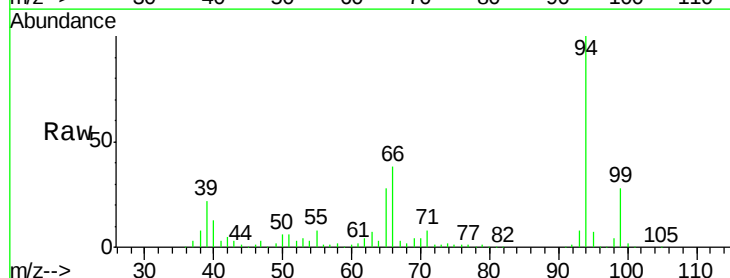
Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 194435
Ion Ratio Lower Upper
77 100
105 100.5 80.9 120.9
106 98.1 77.8 117.8



#10
Phenol
Concen: 29.862 ng
RT: 6.35 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Tgt Ion: 94 Resp: 299382
Ion Ratio Lower Upper
94 100
65 27.7 21.4 61.4
66 38.1 46.4 86.4#

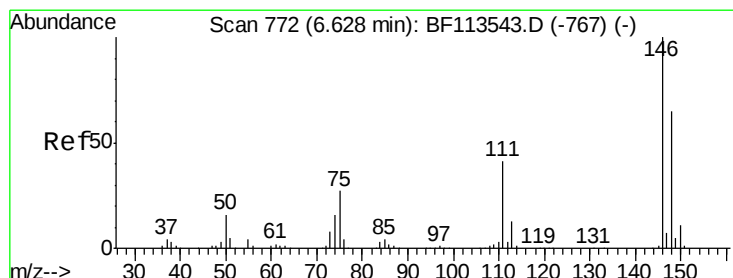
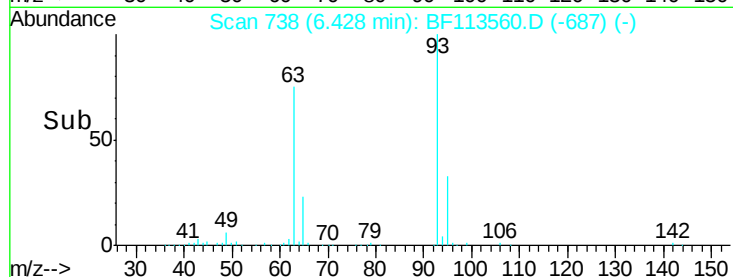
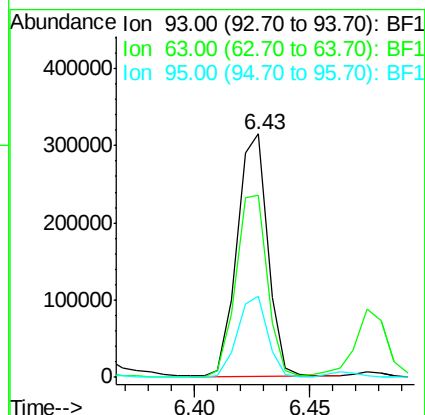
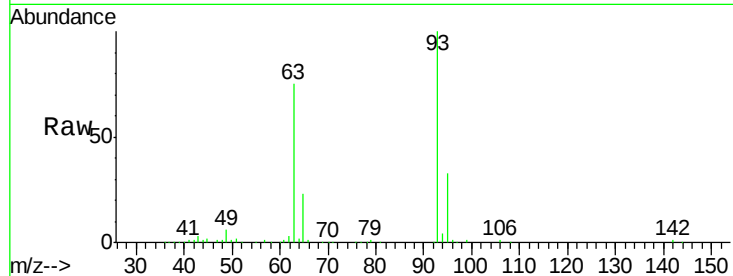




#11
 bis(2-Chloroethyl)ether
 Concen: 37.426 ng
 RT: 6.43 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

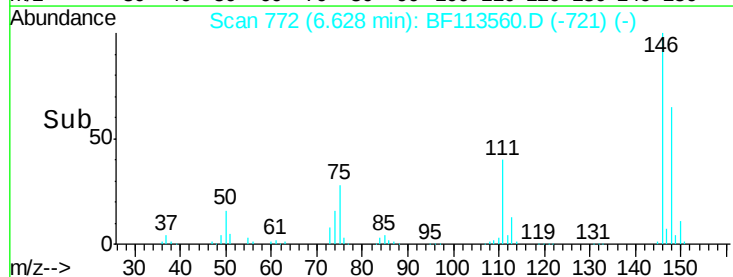
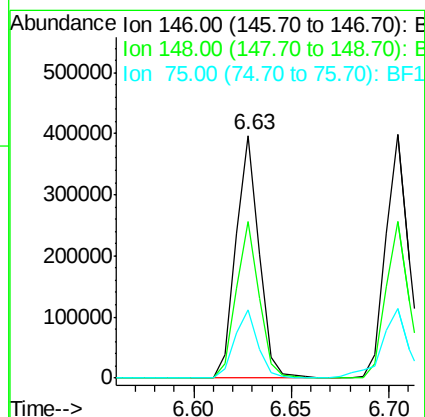
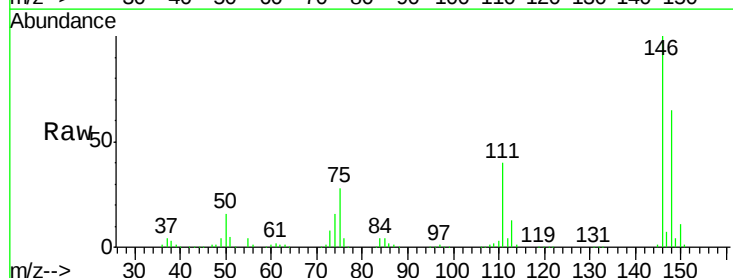
Instrument :
 BNA_F
 ClientSampleId :

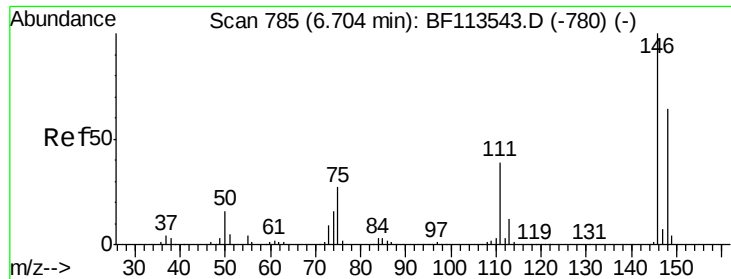
Tot Ion: 93 Resp: 291878
 Ion Ratio Lower Upper
 93 100
 63 74.6 56.1 96.1
 95 33.2 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 36.928 ng
 RT: 6.63 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

Tgt Ion: 146 Resp: 327703
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.4 77.0
 75 28.4 24.8 37.2

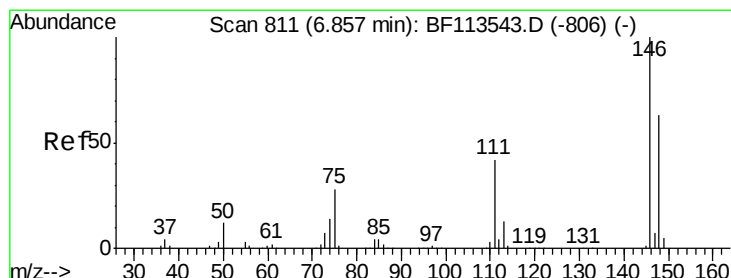
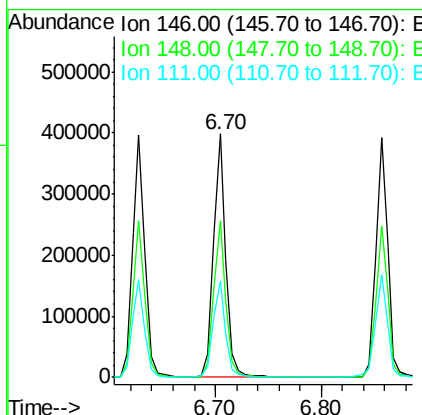
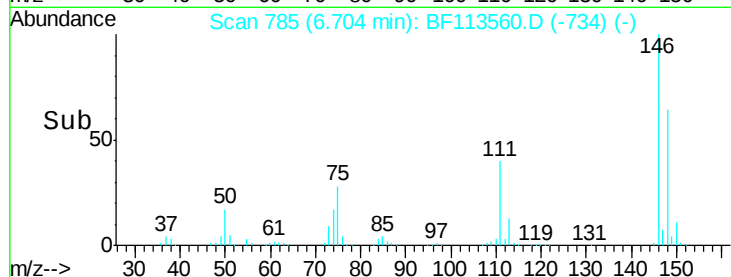
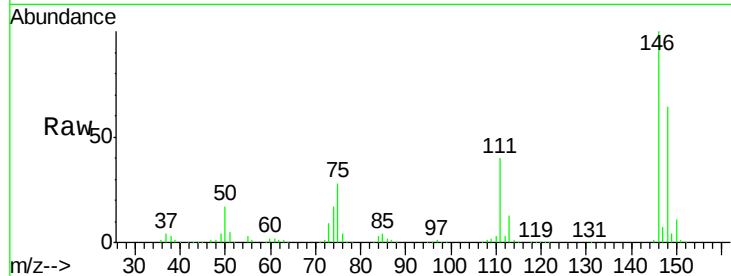




#13
 1,4-Dichlorobenzene
 Concen: 36.882 ng
 RT: 6.70 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

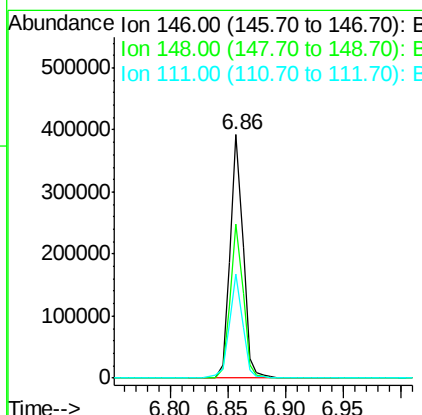
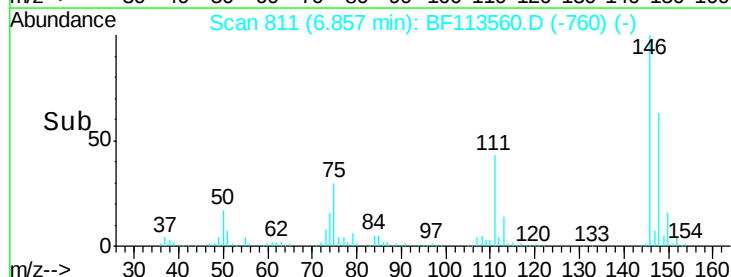
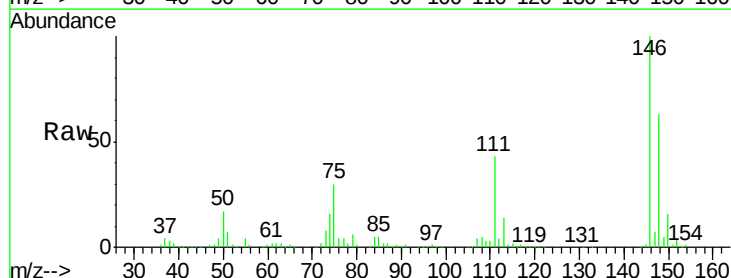
Instrument :
 BNA_F
 ClientSampleId :

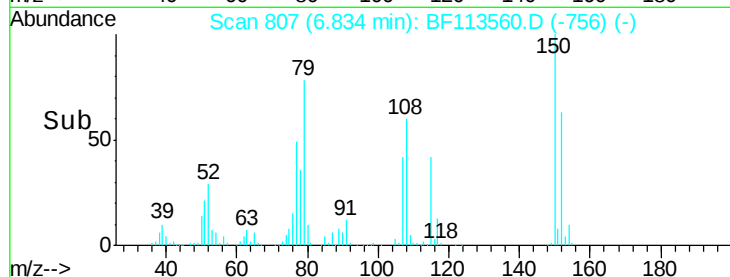
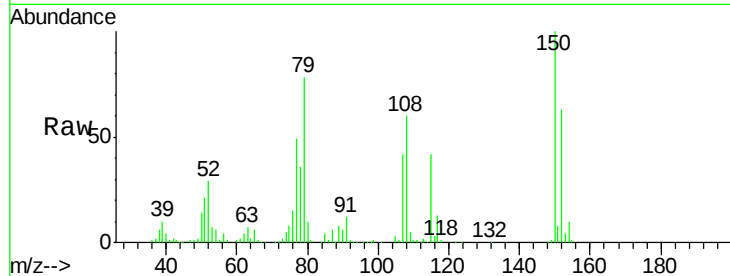
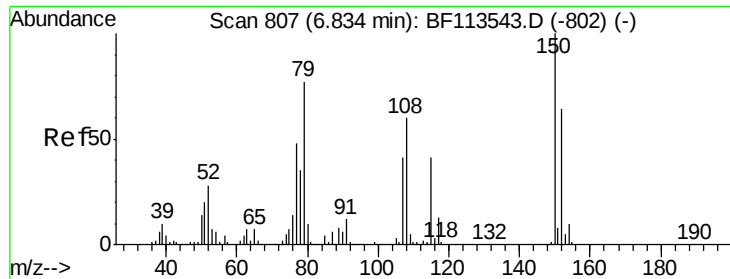
Tot Ion:146 Resp: 330744
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.1 76.7
 111 39.7 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 37.902 ng
 RT: 6.86 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

Tgt Ion:146 Resp: 306797
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.2 75.4
 111 42.6 35.4 53.2





#15

Benzyl Alcohol

Concen: 36.503 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

Instrument :

BNA_F

ClientSampled :

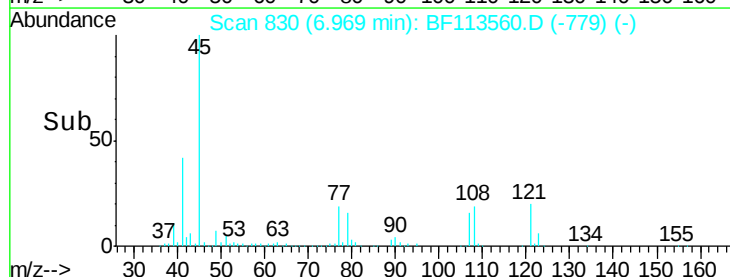
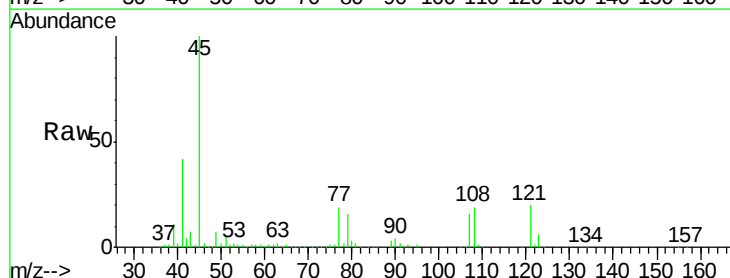
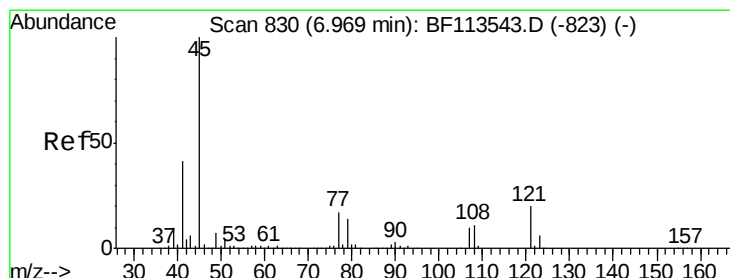
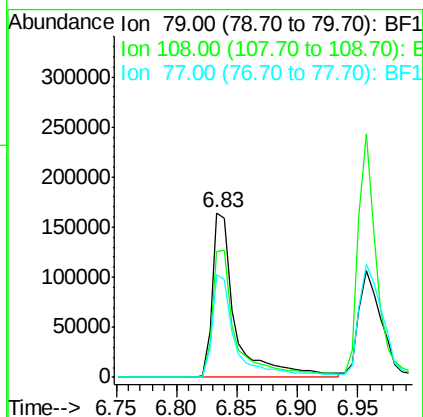
Tot Ion: 79 Resp: 216662

Ion Ratio Lower Upper

79 100

108 76.8 62.0 93.0

77 62.6 49.9 74.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.549 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.00 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

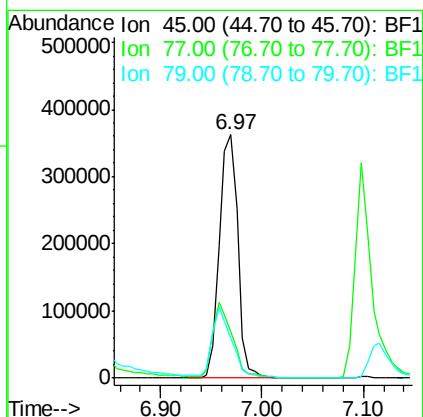
Tgt Ion: 45 Resp: 455807

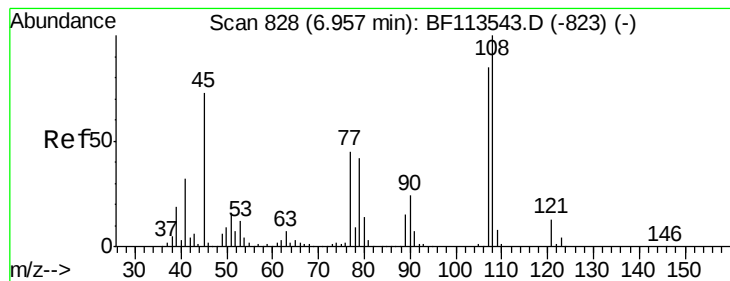
Ion Ratio Lower Upper

45 100

77 19.0 0.0 36.6

79 16.4 0.0 34.0





#17

2-Methylphenol

Concen: 34.536 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 220545

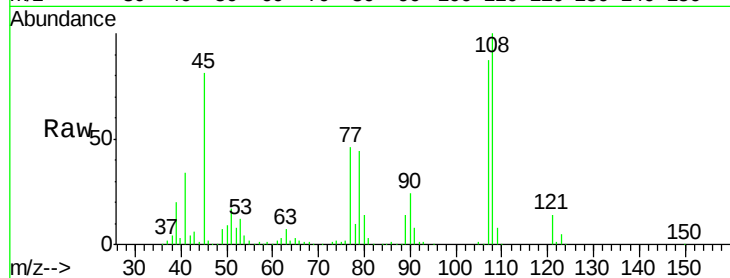
Ion Ratio Lower Upper

107 100

108 114.7 93.4 140.0

77 53.1 41.2 61.8

79 50.0 40.1 60.1

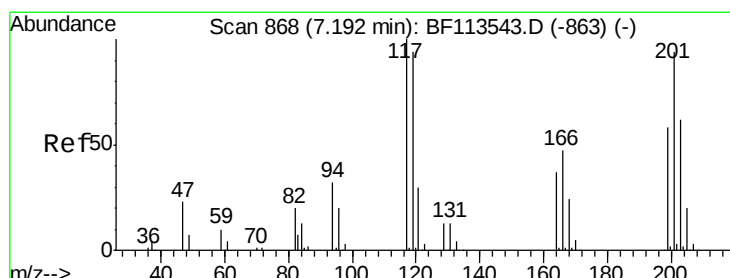
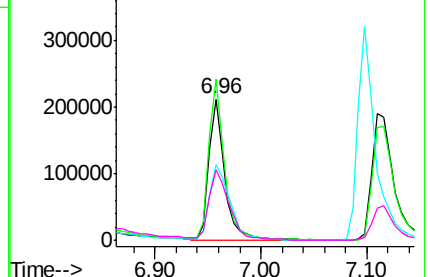
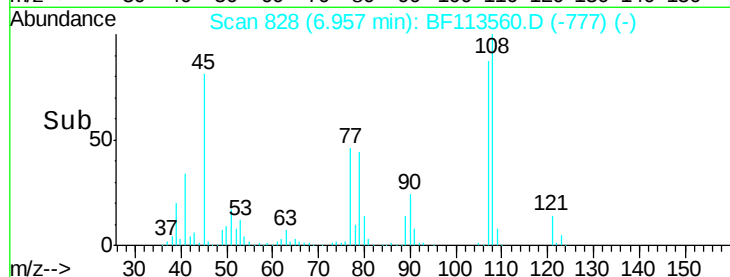


Abundance Ion 107.00 (106.70 to 107.70): E

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: 33.773 ng

RT: 7.19 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

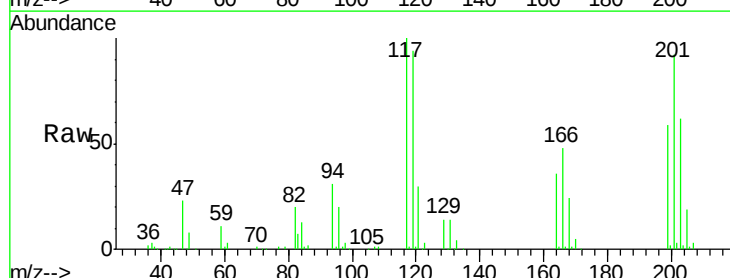
Tgt Ion:117 Resp: 110237

Ion Ratio Lower Upper

117 100

119 94.3 76.9 115.3

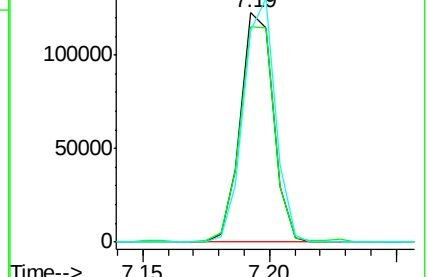
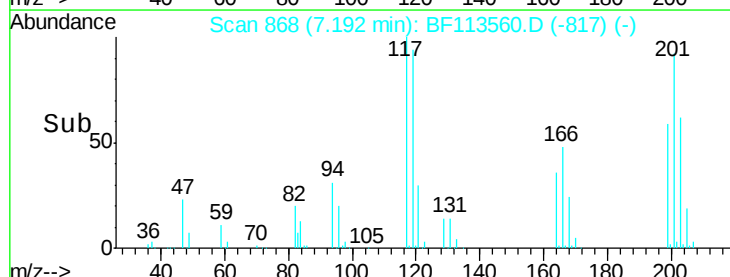
201 92.2 78.7 118.1

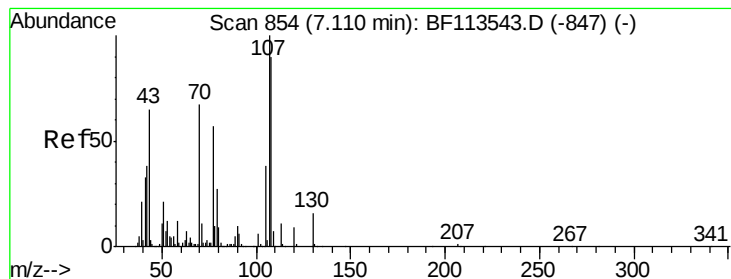


Abundance Ion 117.00 (116.70 to 117.70): E

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: 36.474 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 197435

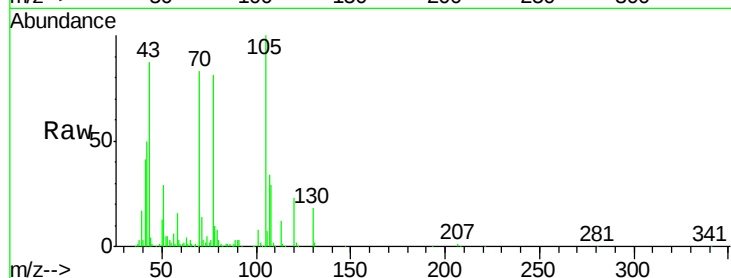
Ion	Ratio	Lower	Upper
70	100		
42	60.5	48.4	72.6
101	9.2	7.8	11.8
130	22.0	18.2	27.4

70 100

42 60.5 48.4 72.6

101 9.2 7.8 11.8

130 22.0 18.2 27.4



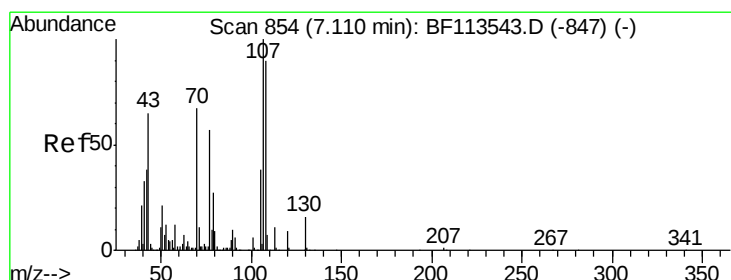
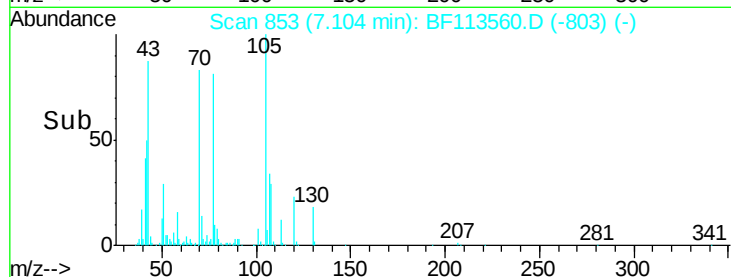
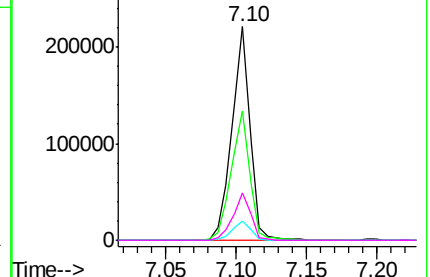
Abundance

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): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 35.935 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

Tgt Ion: 107 Resp: 278051

Ion	Ratio	Lower	Upper
107	100		
108	89.1	71.4	111.4
77	52.7	33.5	73.5
79	25.1	8.3	48.3

107 100

108 89.1 71.4 111.4

77 52.7 33.5 73.5

79 25.1 8.3 48.3

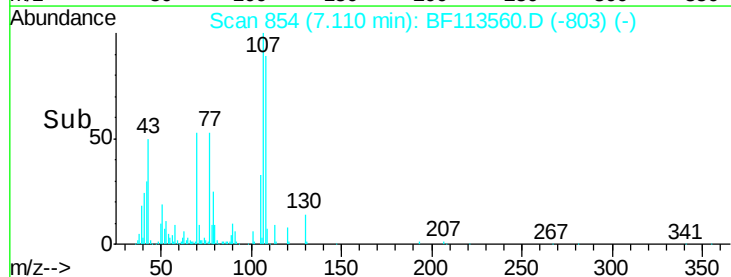
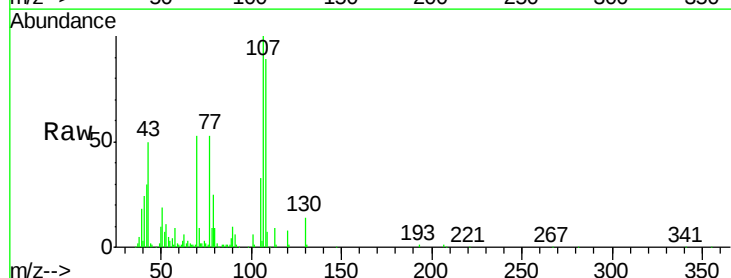
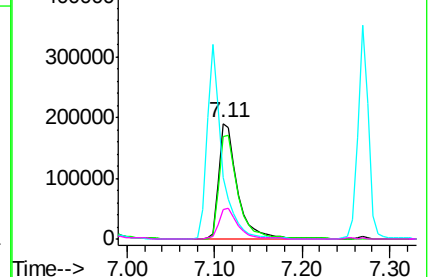
Abundance

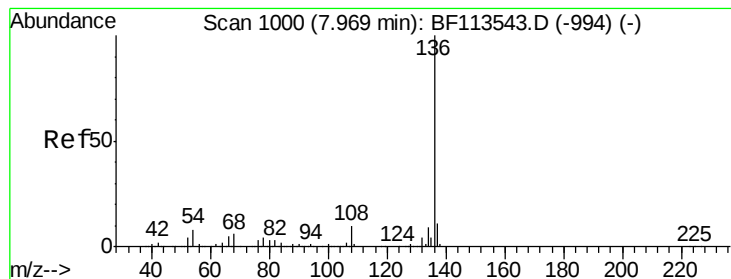
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

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: 7.97 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 404483

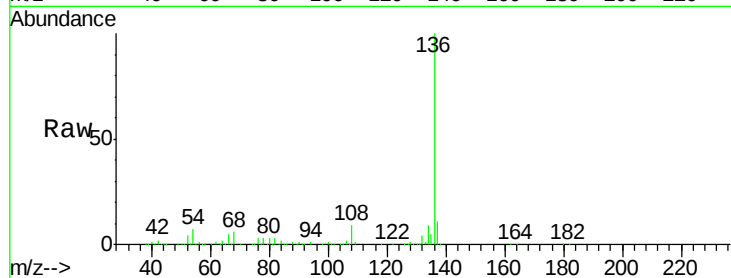
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.5 7.0 10.6

68 5.7 4.8 7.2

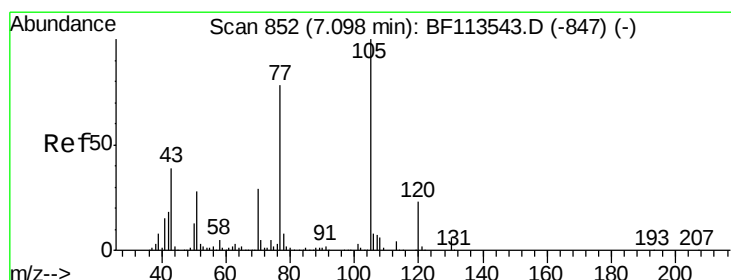
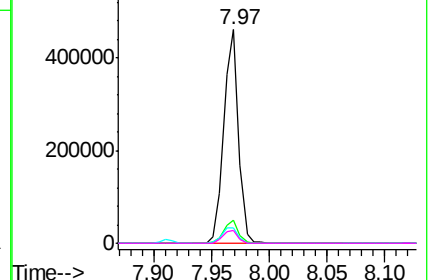
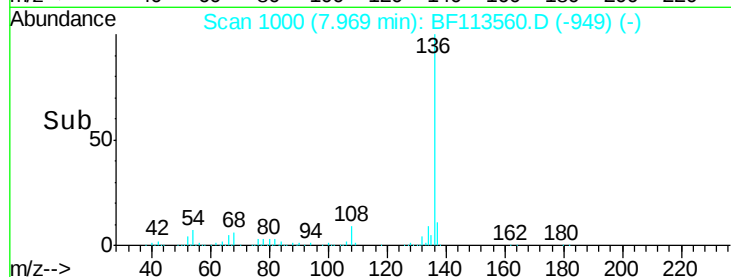


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.152 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

Tgt Ion:105 Resp: 392241

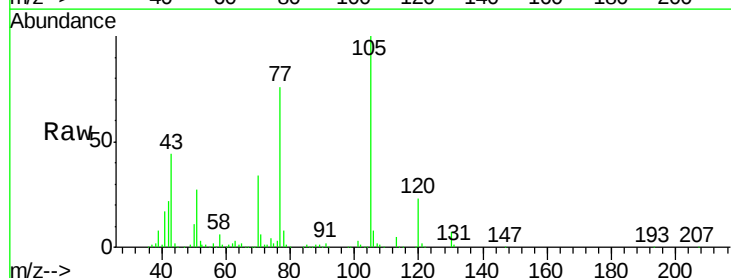
Ion Ratio Lower Upper

105 100

71 5.8 3.3 4.9#

51 26.9 24.2 36.2

120 22.9 18.1 27.1

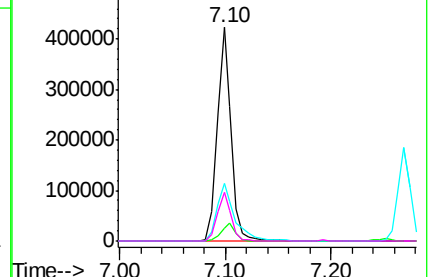
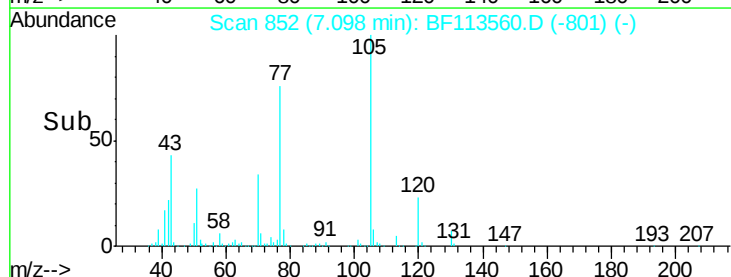


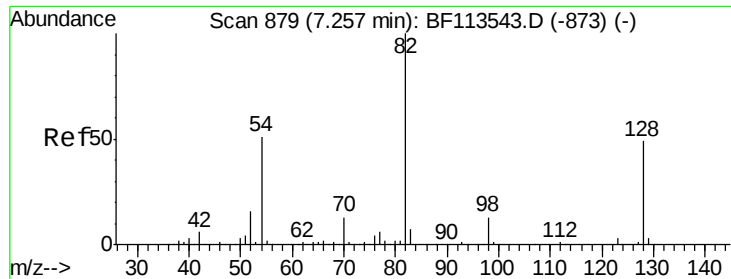
Abundance Ion 105.00 (104.70 to 105.70): E

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

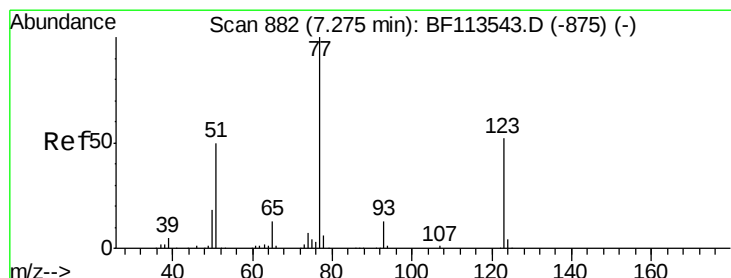
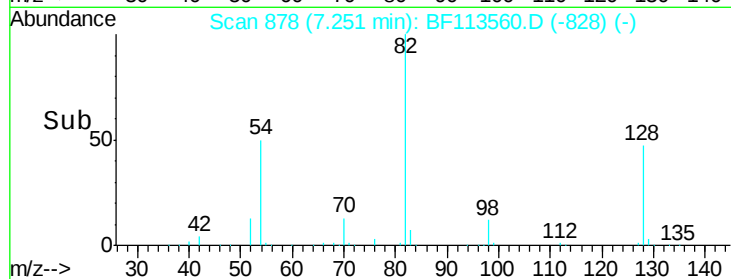
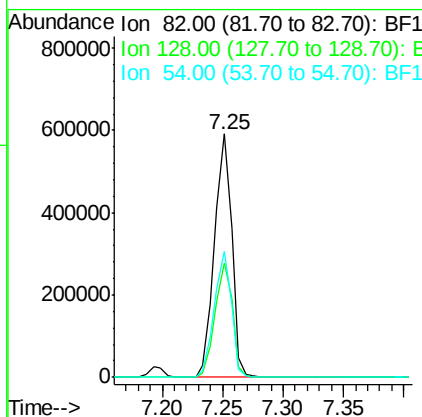
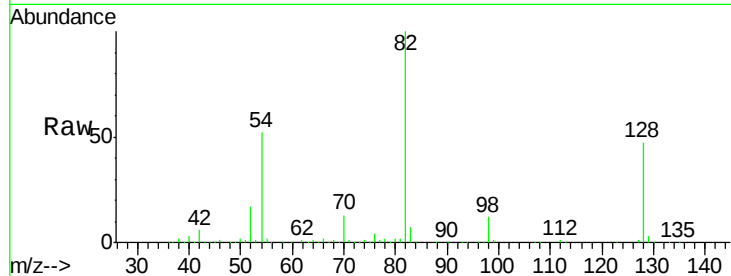




#23
 Nitrobenzene-d5
 Concen: 83.969 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

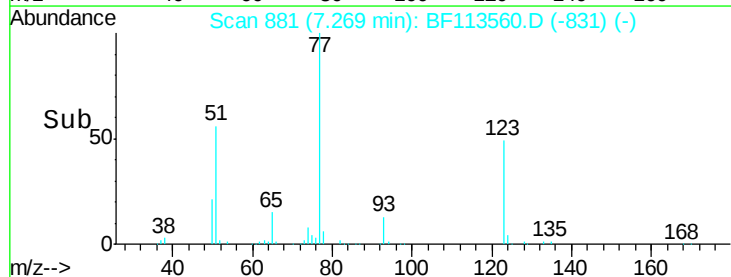
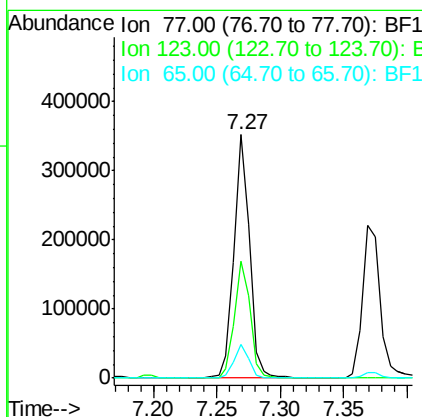
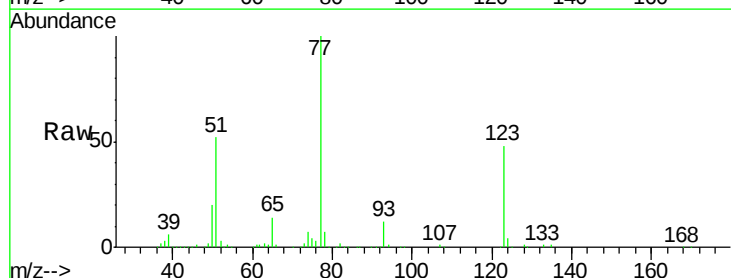
Instrument :
 BNA_F
 ClientSampleId :

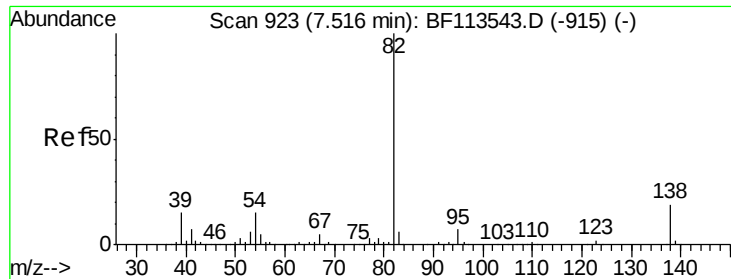
Tot Ion	82	Resp	579836
Ion Ratio	Lower	Upper	
82	100		
128	46.8	36.5	54.7
54	51.5	42.2	63.2



#24
 Nitrobenzene
 Concen: 41.651 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

Tgt Ion	77	Resp	296194
Ion Ratio	Lower	Upper	
77	100		
123	48.0	40.8	61.2
65	13.6	10.6	16.0





#25

Isophorone

Concen: 38.816 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

Instrument :

BNA_F

ClientSampleId :

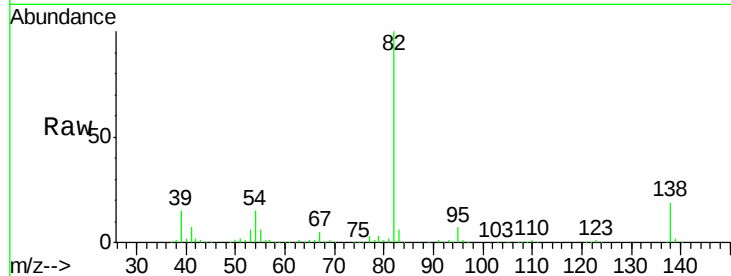
Tot Ion: 82 Resp: 516342

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

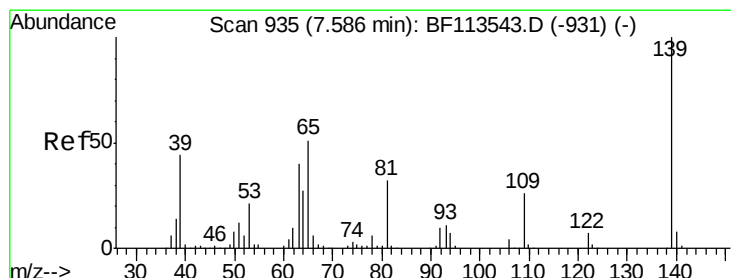
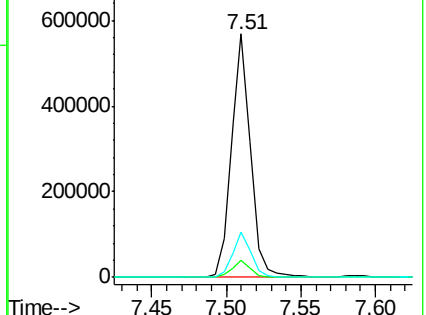
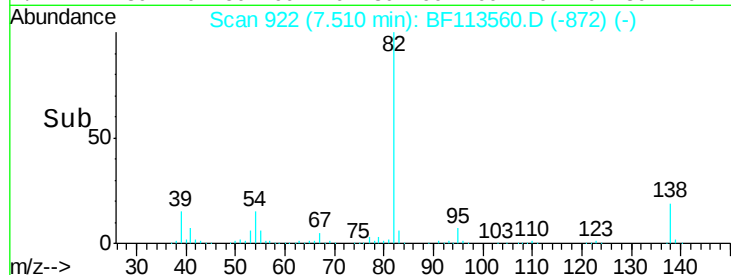
138 18.6 15.2 22.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 37.812 ng

RT: 7.59 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

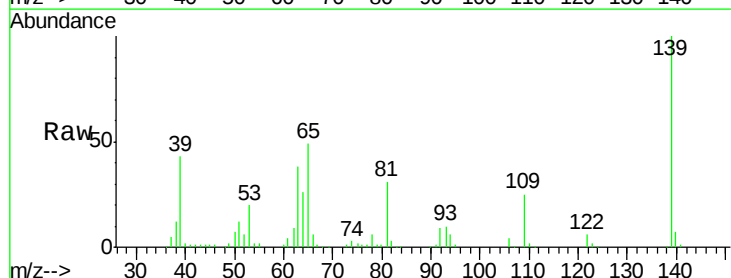
Tgt Ion: 139 Resp: 144718

Ion Ratio Lower Upper

139 100

109 25.1 21.7 32.5

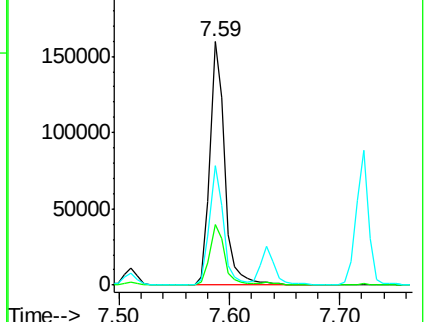
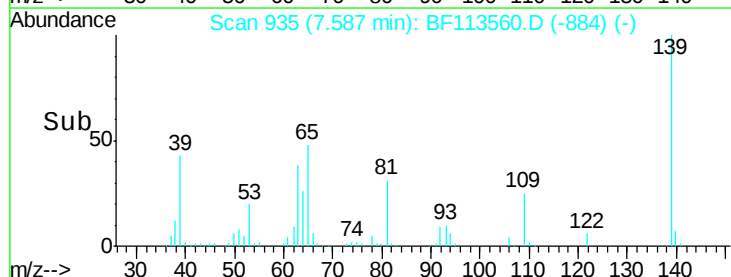
65 48.8 41.6 62.4

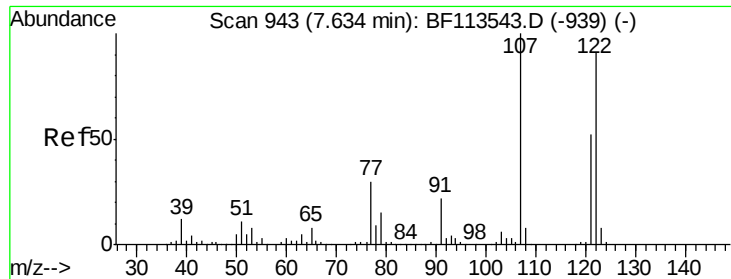


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

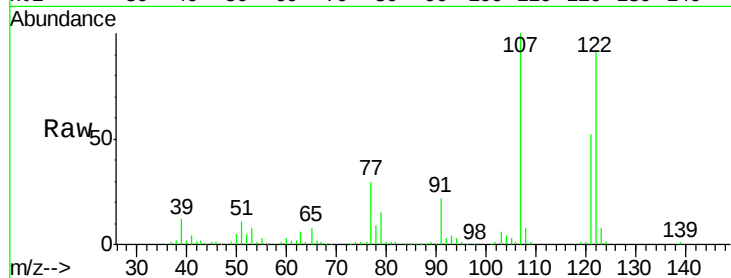




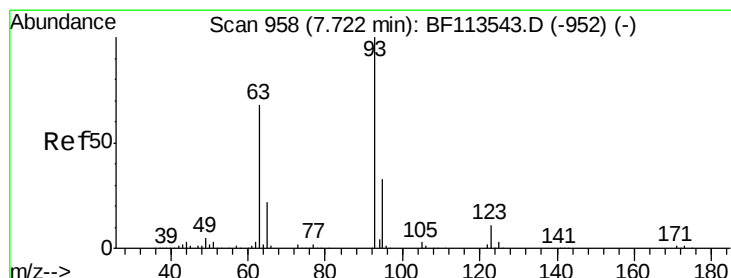
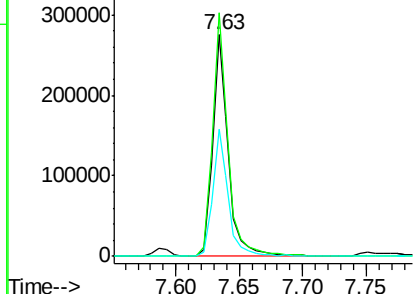
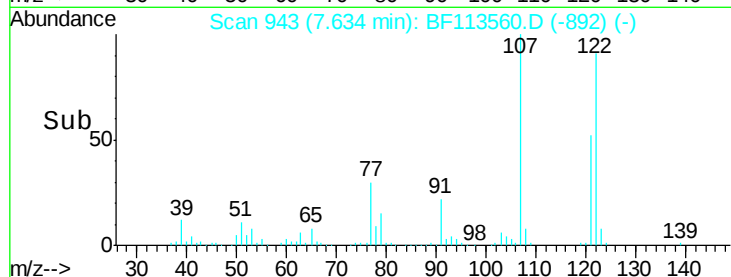
#27
 2,4-Dimethylphenol
 Concen: 43.347 ng
 RT: 7.63 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 237178
 Ion Ratio Lower Upper
 122 100
 107 110.0 88.8 133.2
 121 57.6 45.5 68.3

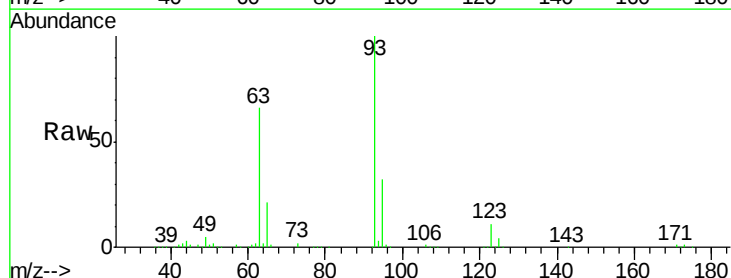


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

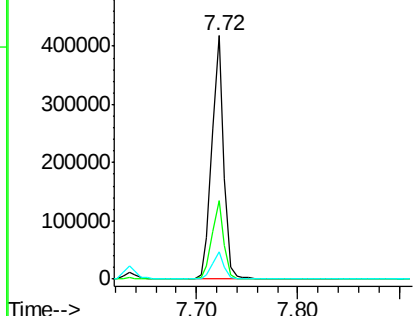
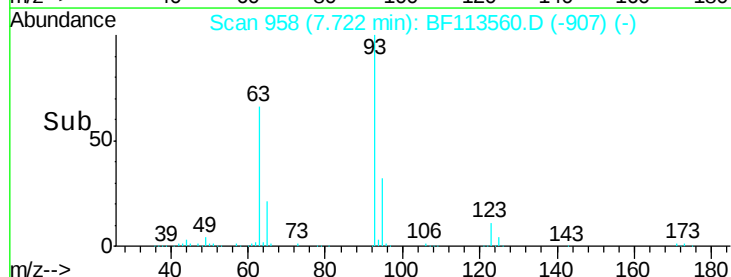


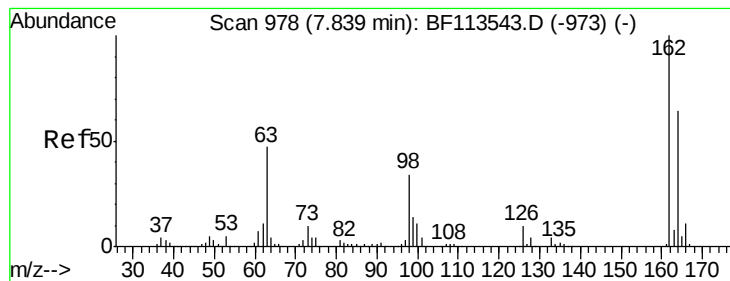
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.694 ng
 RT: 7.72 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

Tgt Ion: 93 Resp: 342239
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.0 39.0
 123 11.4 9.1 13.7



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: 38.822 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

Instrument :

BNA_F

ClientSampleId :

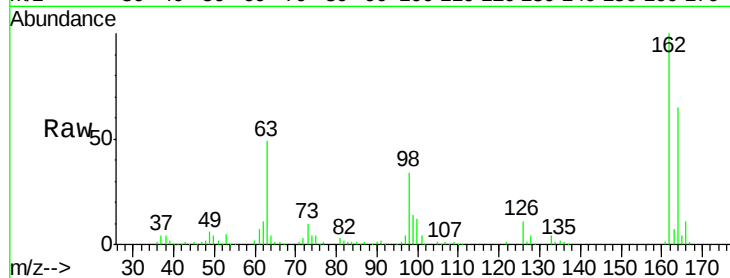
Tot Ion:162 Resp: 227277

Ion Ratio Lower Upper

162 100

164 65.4 44.6 84.6

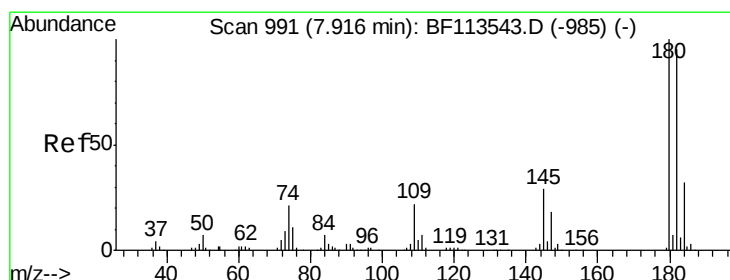
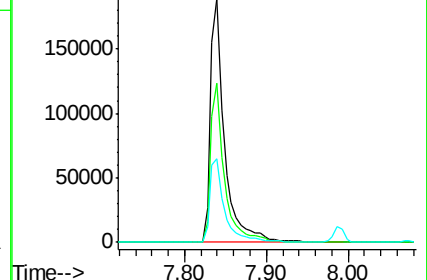
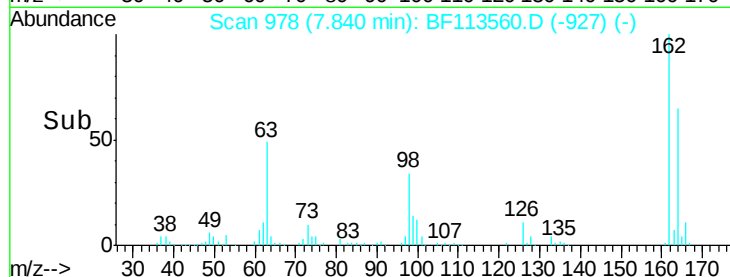
98 34.2 15.6 55.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 41.417 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

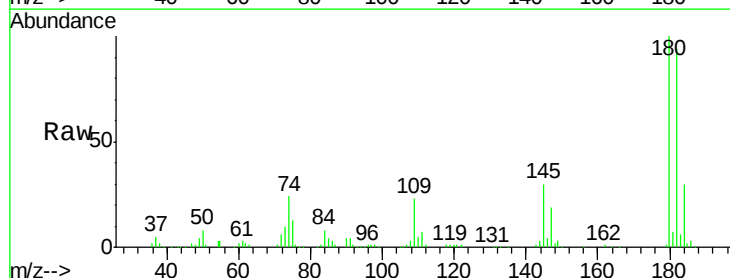
Tgt Ion:180 Resp: 263308

Ion Ratio Lower Upper

180 100

182 93.8 74.6 111.8

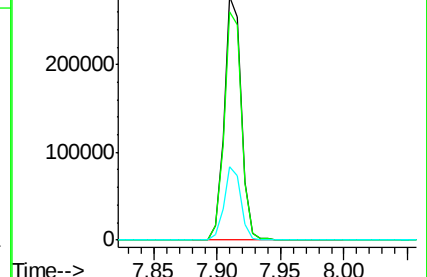
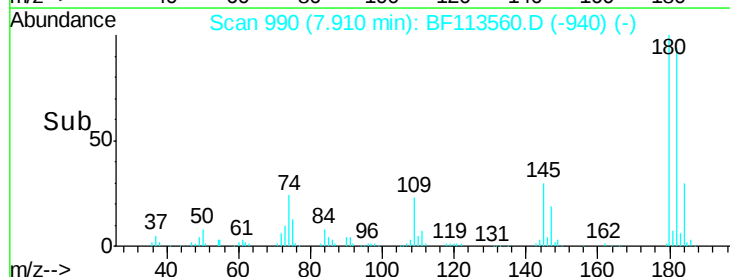
145 30.1 23.4 35.0

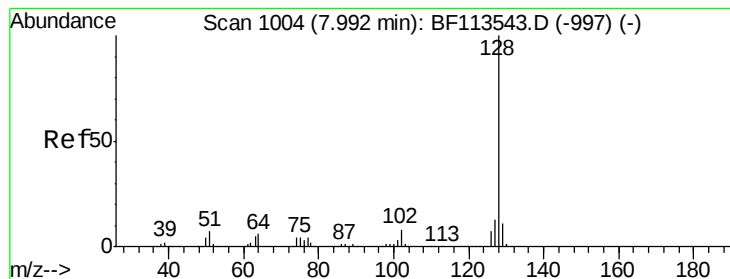


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.193 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

Instrument :

BNA_F

ClientSampleId :

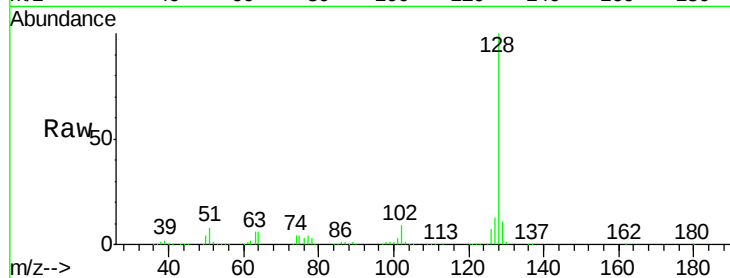
Tot Ion:128 Resp: 826898

Ion Ratio Lower Upper

128 100

129 11.2 9.3 13.9

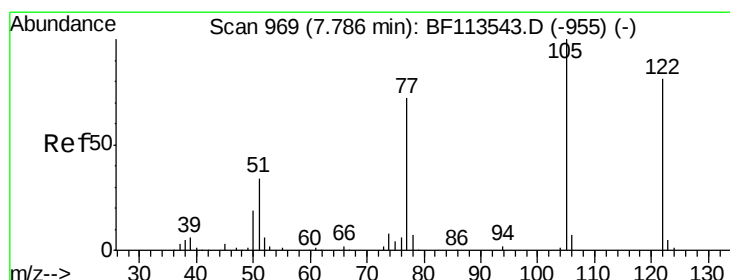
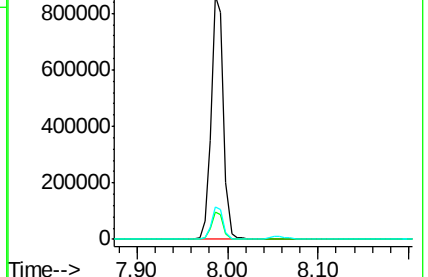
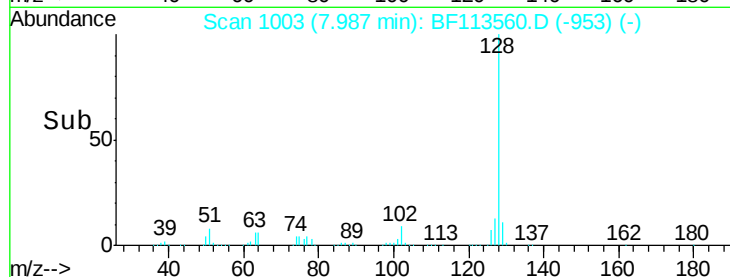
127 13.1 10.9 16.3



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: 3.470 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.04 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

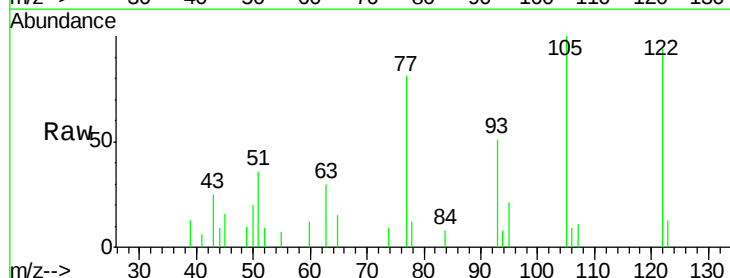
Tgt Ion:122 Resp: 14701

Ion Ratio Lower Upper

122 100

105 106.9 100.4 140.4

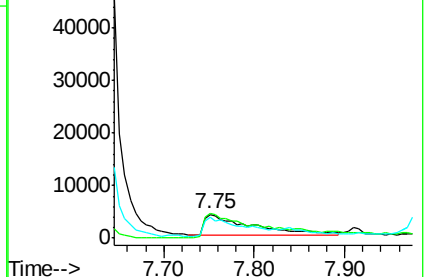
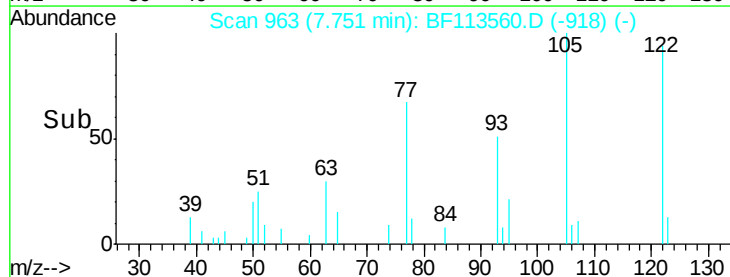
77 86.2 69.0 109.0

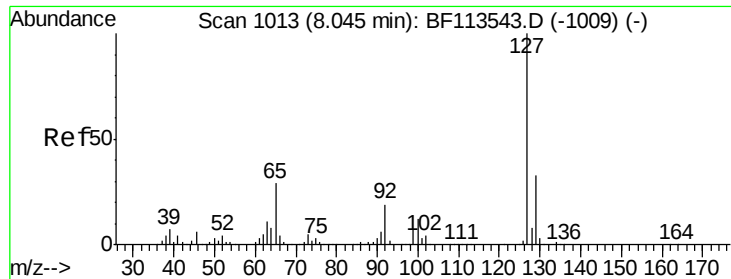


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

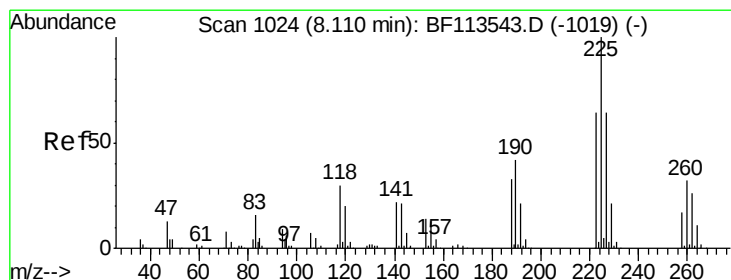
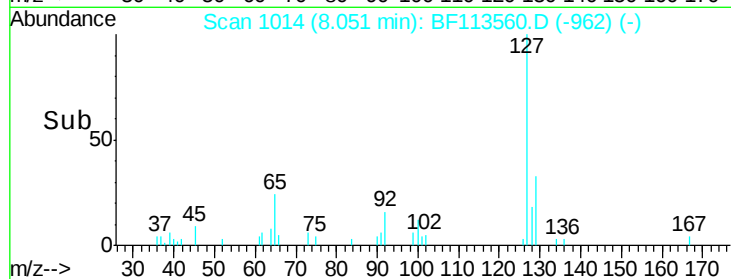
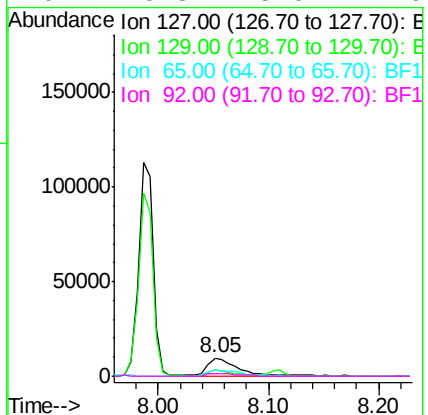
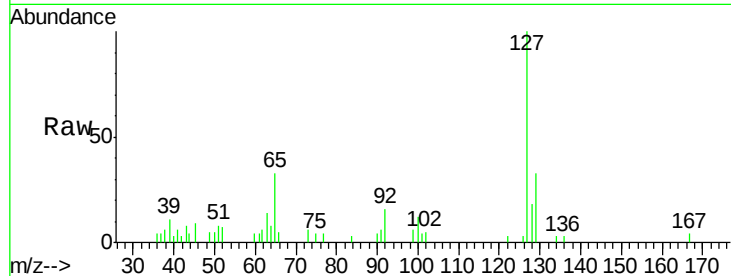




#33
4-Chloroaniline
Concen: 2.449 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.01 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

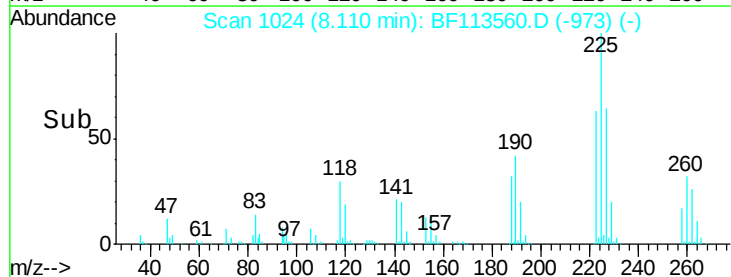
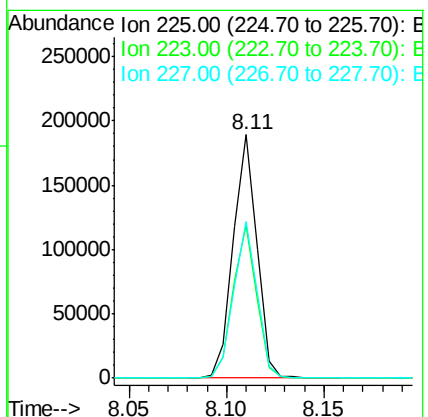
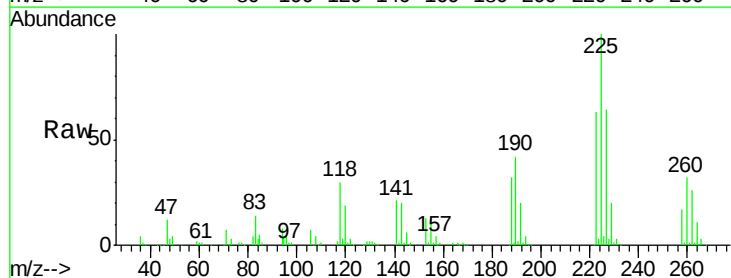
Instrument :
BNA_F
ClientSampleId :

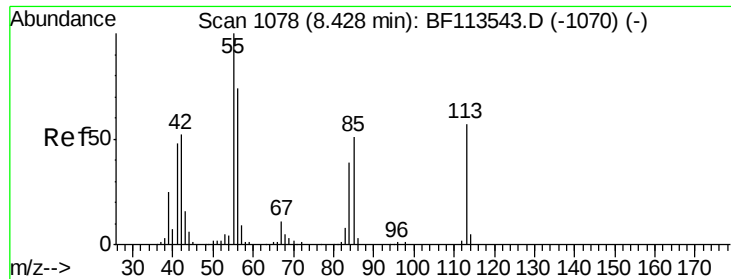
Tot Ion:	127	Resp:	19032
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.3	39.5
65	32.6	24.2	36.4
92	16.3	15.0	22.6



#34
Hexachlorobutadiene
Concen: 41.080 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Tgt Ion:	225	Resp:	159227
Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.4	77.2
227	64.2	51.1	76.7

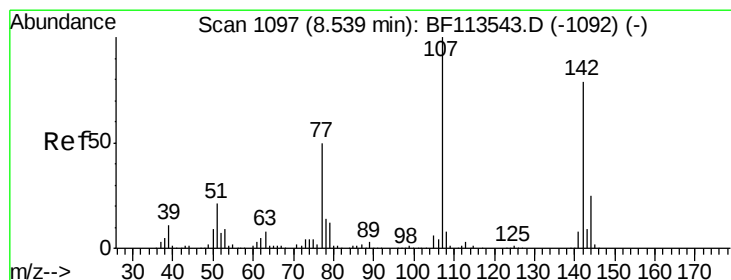
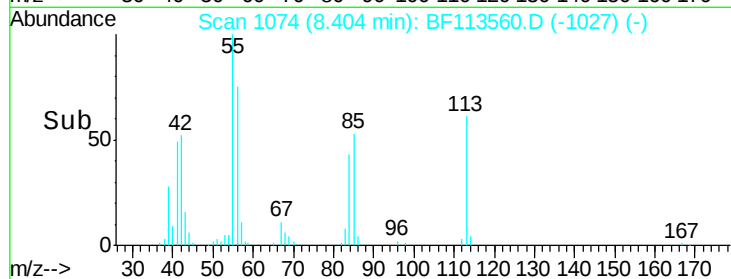
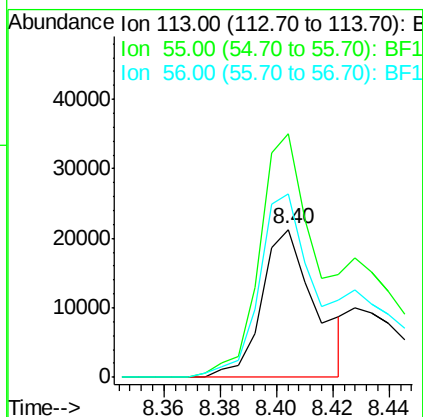
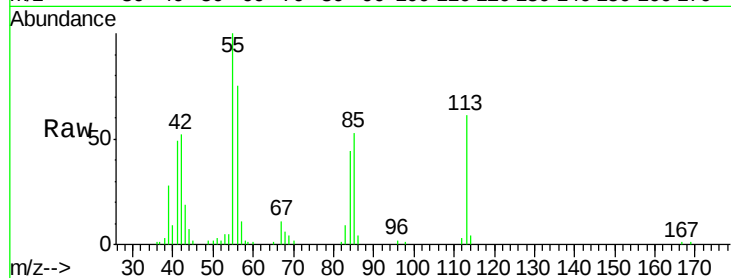




#35
Caprolactam
Concen: 15.083 ng
RT: 8.40 min Scan# 1074
Delta R.T. -0.02 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

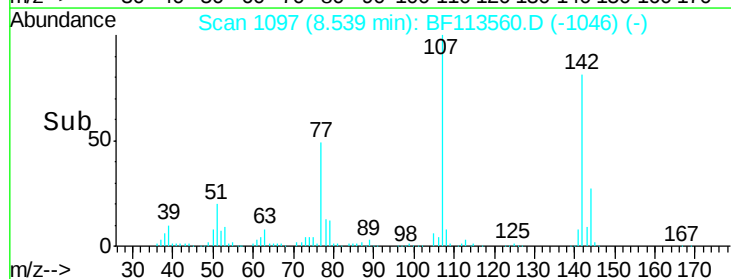
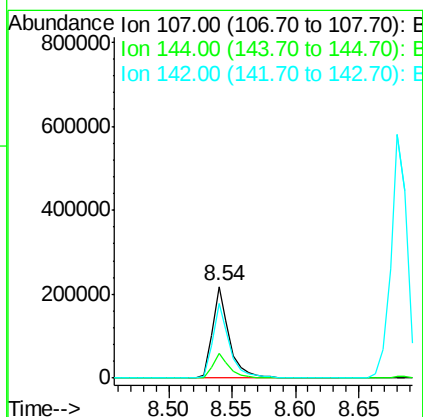
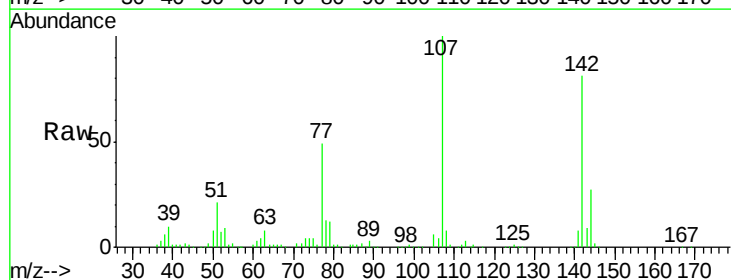
Instrument :
BNA_F
ClientSampled :

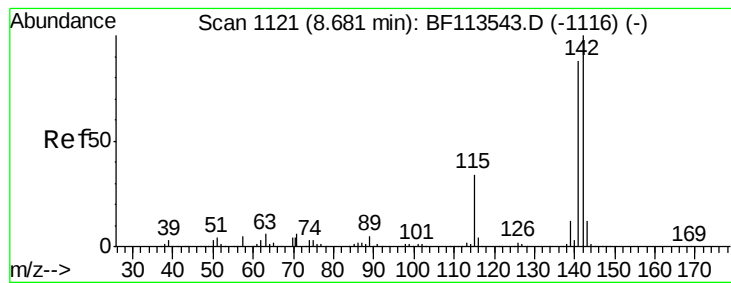
Tot Ion:113 Resp: 28030
Ion Ratio Lower Upper
113 100
55 164.4 152.7 192.7
56 123.9 108.3 148.3



#36
4-Chloro-3-methylphenol
Concen: 34.961 ng
RT: 8.54 min Scan# 1097
Delta R.T. 0.00 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Tgt Ion:107 Resp: 205460
Ion Ratio Lower Upper
107 100
144 26.7 21.4 32.0
142 81.2 65.6 98.4

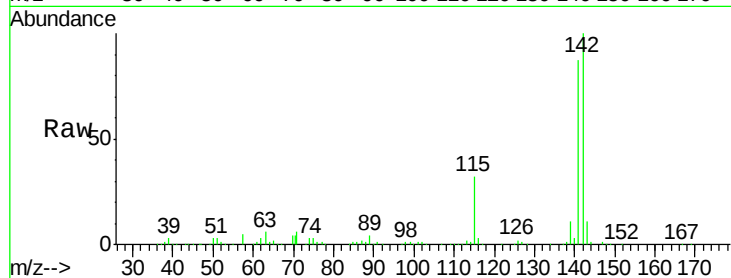




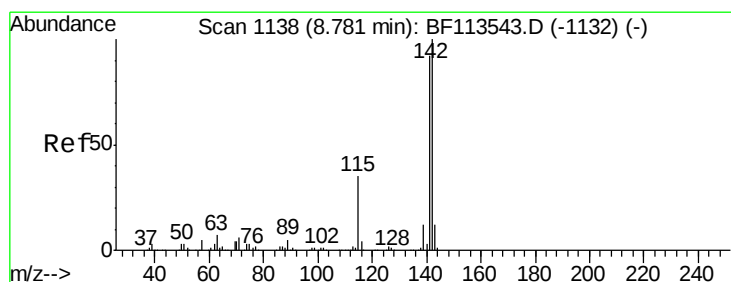
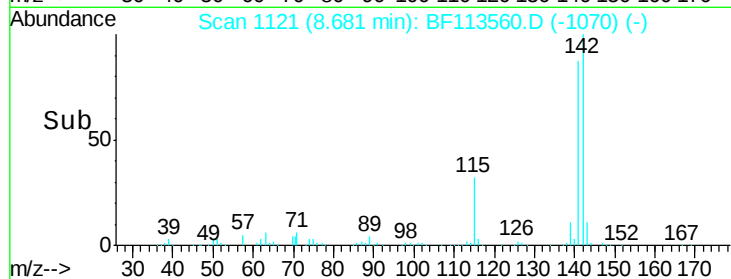
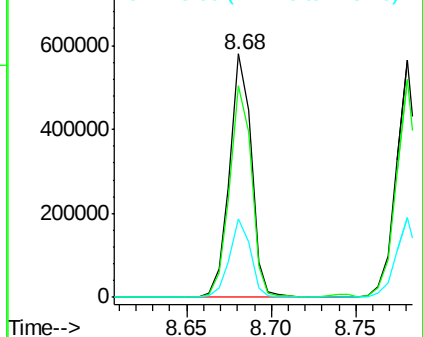
#37
2-Methylnaphthalene
Concen: 40.475 ng
RT: 8.68 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 521709
Ion Ratio Lower Upper
142 100
141 87.1 71.0 106.6
115 32.2 26.6 39.8

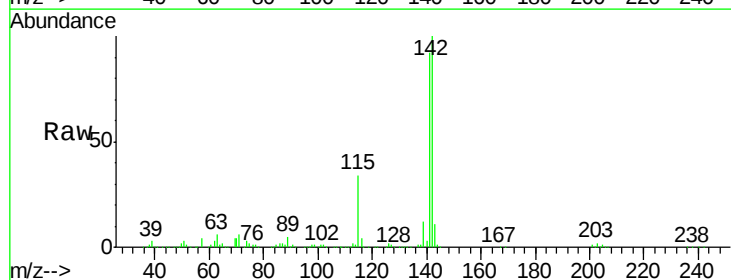


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

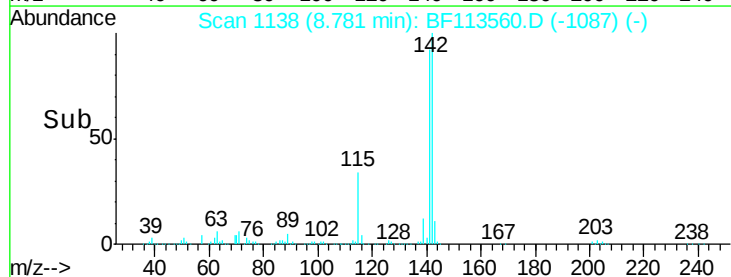
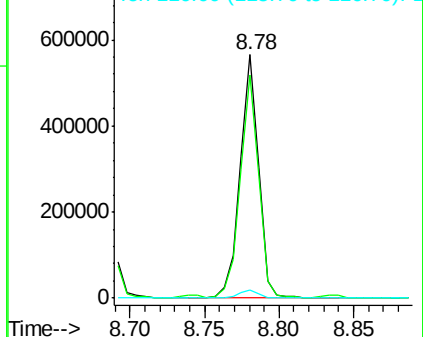


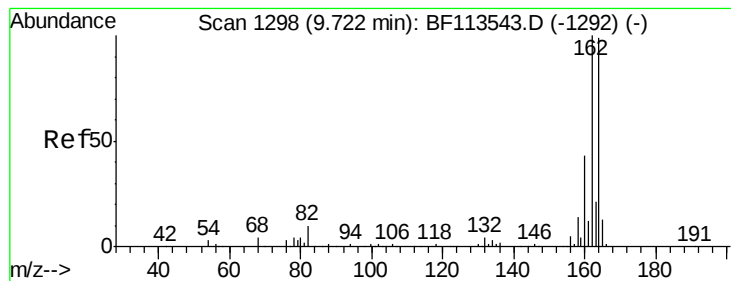
#38
1-Methylnaphthalene
Concen: 38.892 ng
RT: 8.78 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Tgt Ion:142 Resp: 483387
Ion Ratio Lower Upper
142 100
141 91.9 73.2 109.8
116 3.6 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

Instrument :

BNA_F

ClientSampleId :

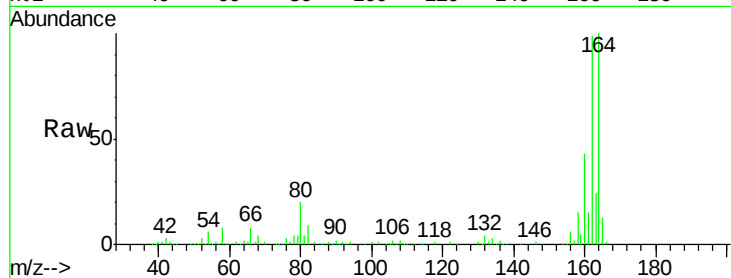
Tot Ion:164 Resp: 163225

Ion Ratio Lower Upper

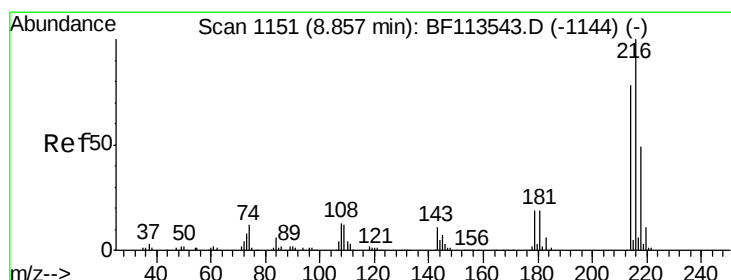
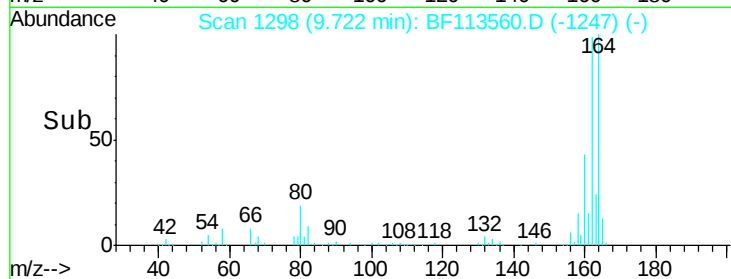
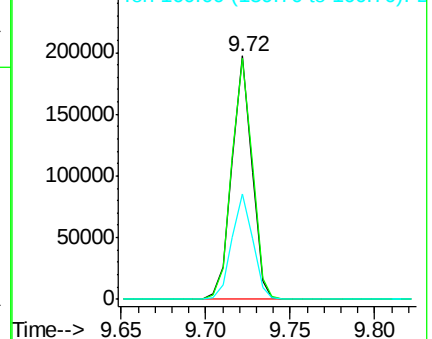
164 100

162 98.8 81.8 122.6

160 43.3 36.4 54.6



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: 46.420 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

Tgt Ion:216 Resp: 245044

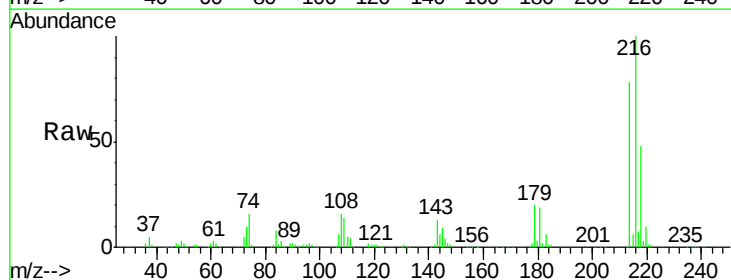
Ion Ratio Lower Upper

216 100

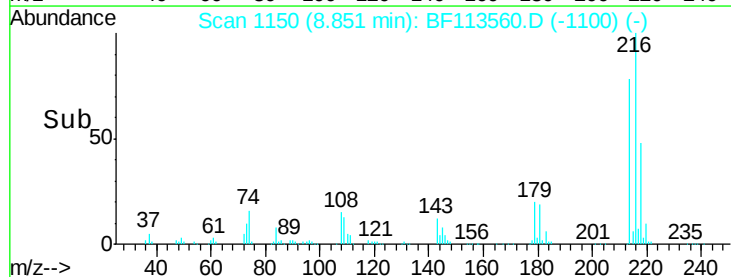
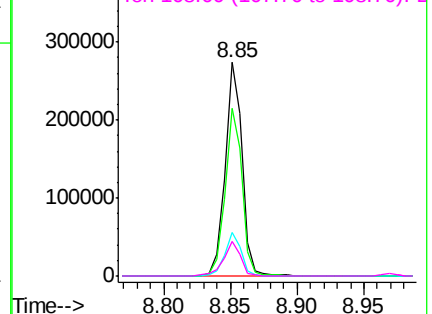
214 78.5 63.0 94.6

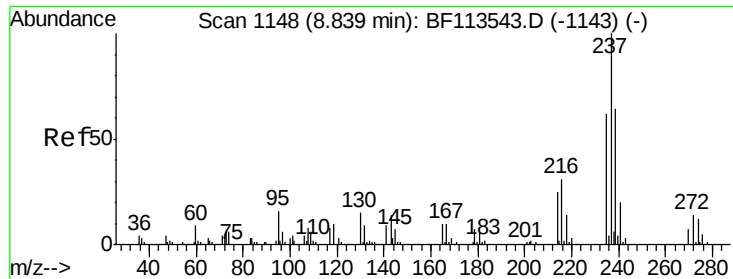
179 19.7 16.8 25.2

108 16.3 13.8 20.6



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: 39.597 ng

RT: 8.84 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

Instrument :

BNA_F

ClientSampled :

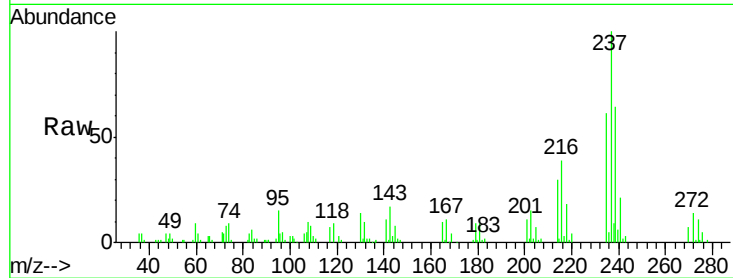
Tot Ion:237 Resp: 58162

Ion Ratio Lower Upper

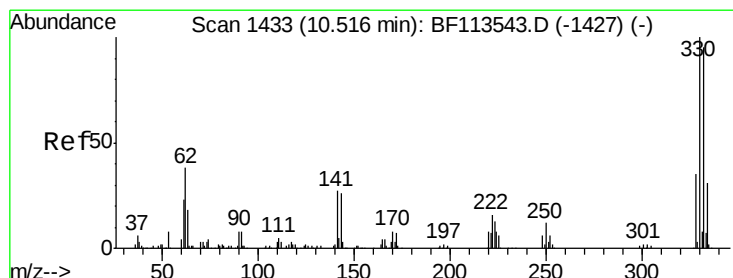
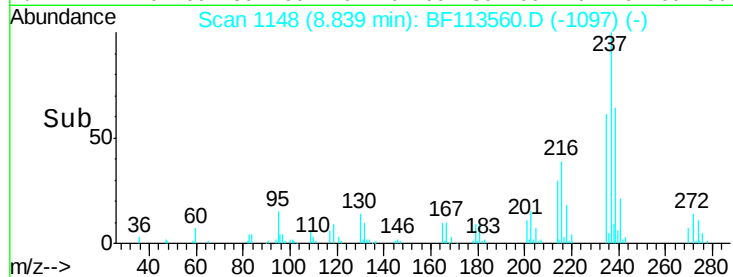
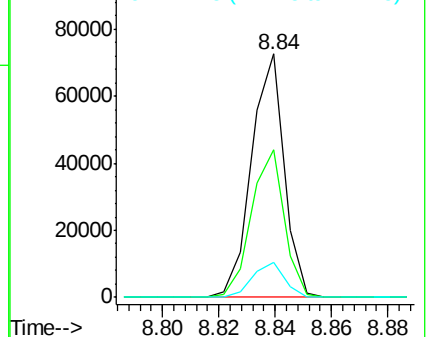
237 100

235 60.7 43.4 83.4

272 14.1 0.0 33.7



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



#42

2,4,6-Tribromophenol

Concen: 117.395 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

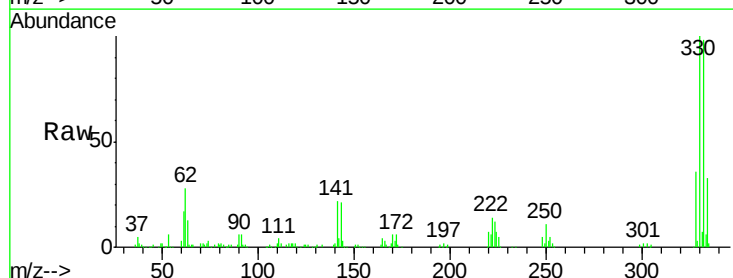
Tgt Ion:330 Resp: 230180

Ion Ratio Lower Upper

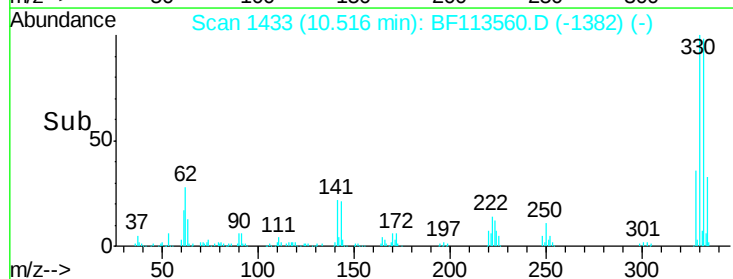
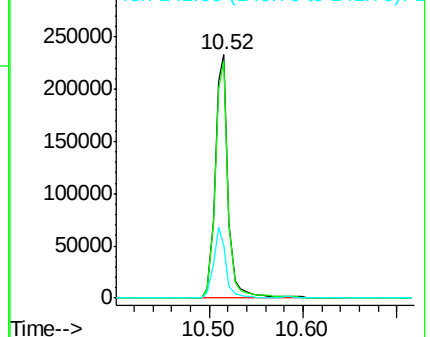
330 100

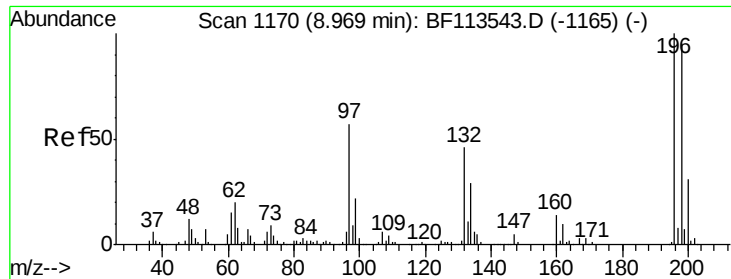
332 97.4 77.8 116.6

141 27.3 22.7 34.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

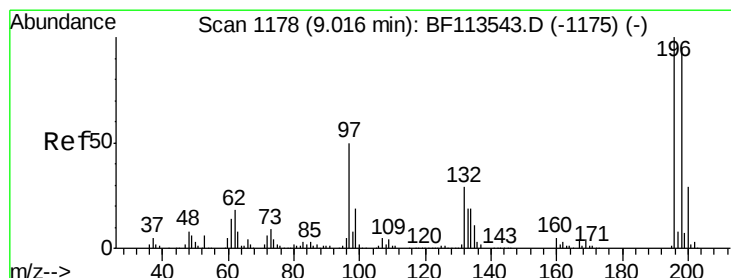
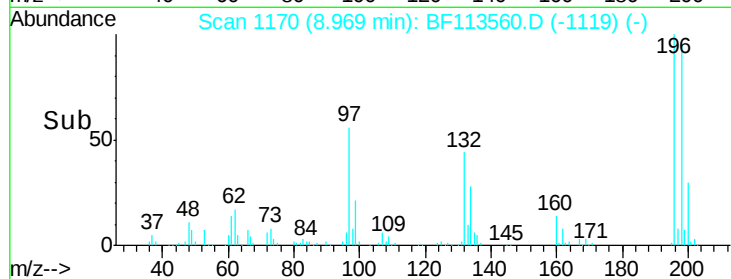
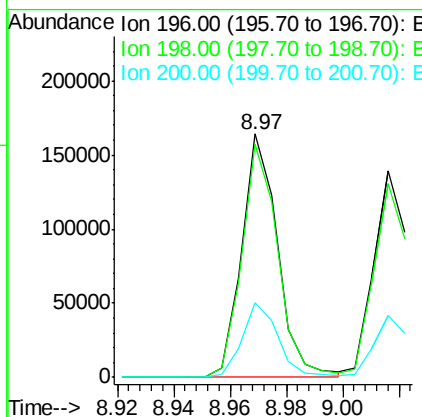
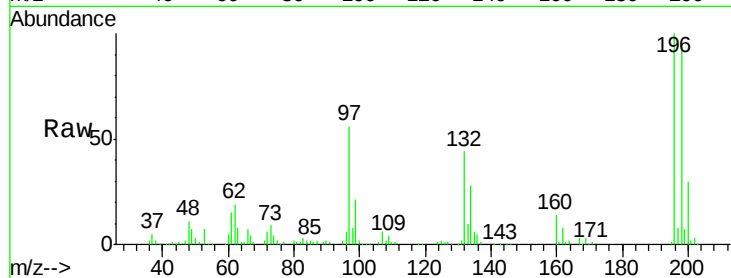




#43
 2,4,6-Trichlorophenol
 Concen: 43.313 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

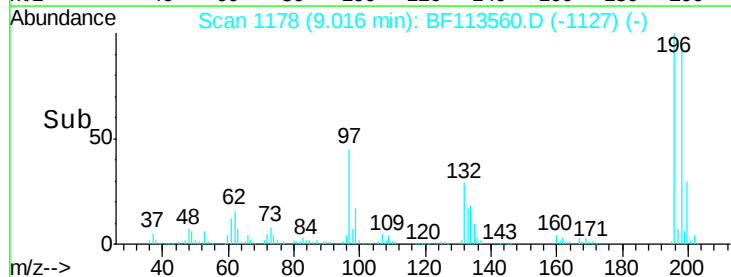
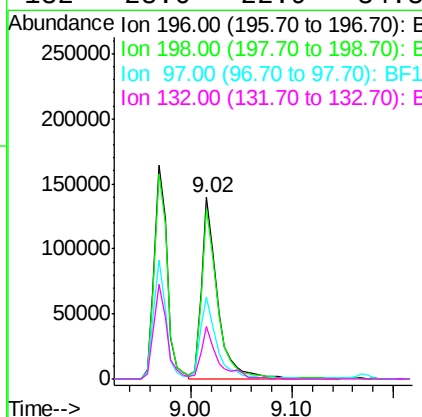
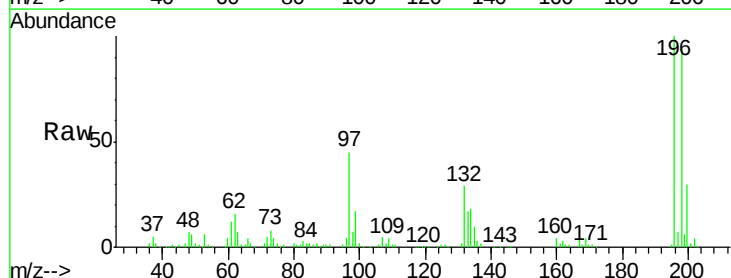
Instrument :
 BNA_F
 ClientSampled :

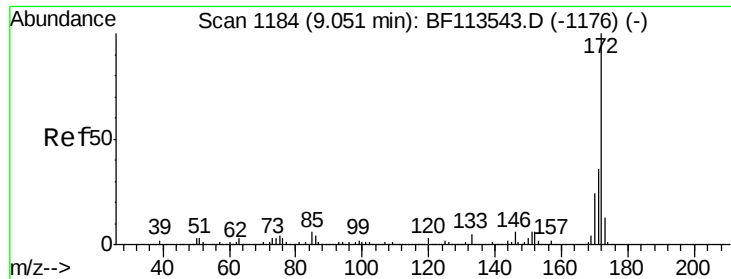
Tot Ion:196 Resp: 144326
 Ion Ratio Lower Upper
 196 100
 198 95.7 77.7 116.5
 200 30.4 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 42.737 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

Tgt Ion:196 Resp: 152884
 Ion Ratio Lower Upper
 196 100
 198 93.7 75.4 113.2
 97 45.1 38.6 58.0
 132 28.6 22.9 34.3



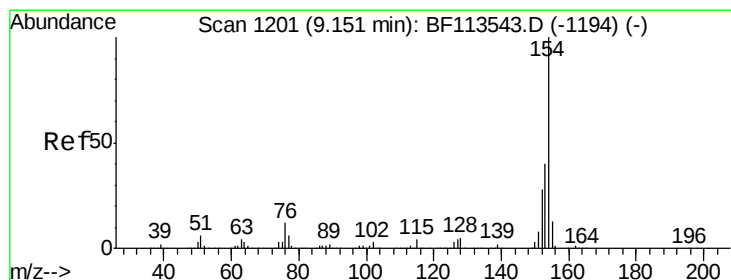
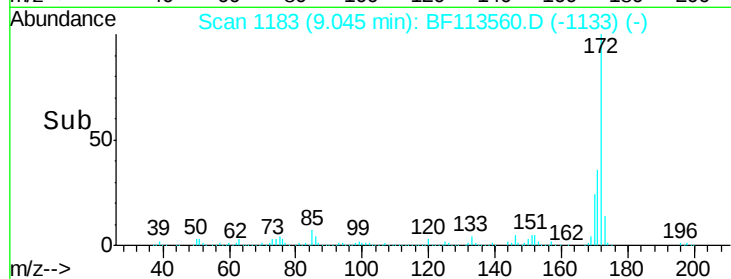
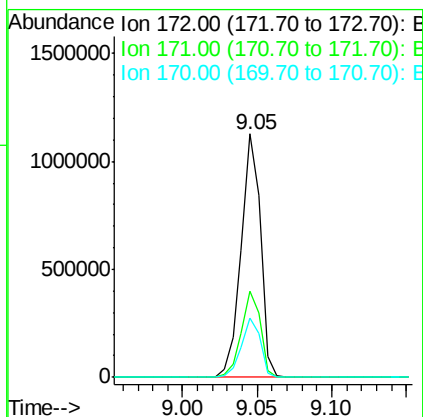
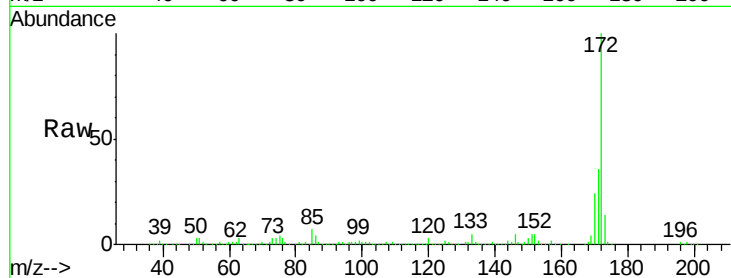


#45
 2-Fluorobiphenyl
 Concen: 101.010 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1024133

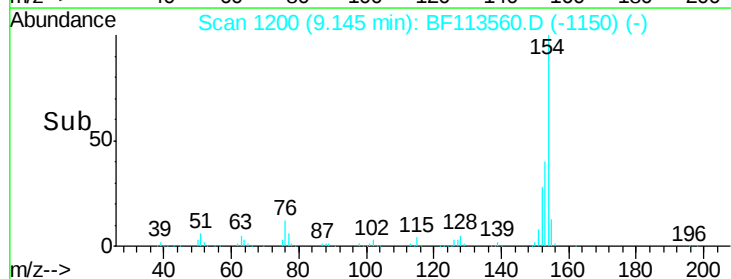
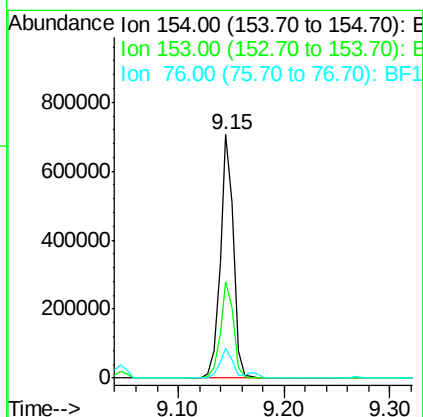
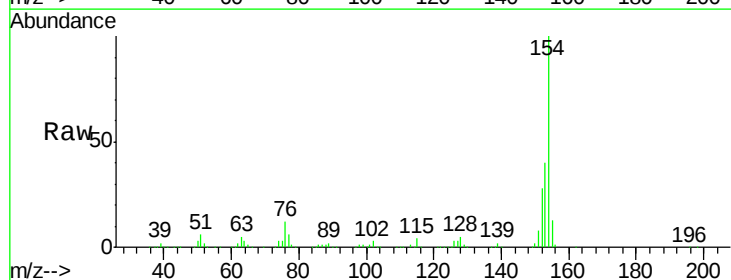
Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.6
170	24.1	19.5	29.3

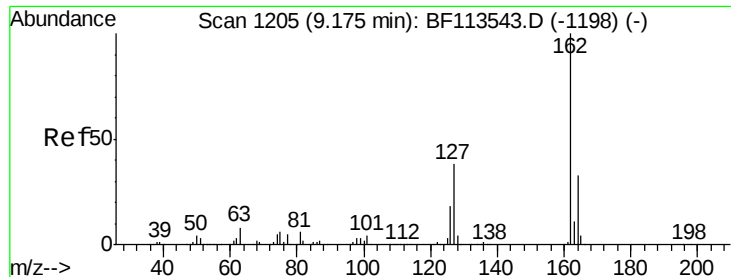


#46
 1,1'-Biphenyl
 Concen: 45.752 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

Tgt Ion:154 Resp: 616233

Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.8	60.8
76	12.3	0.0	31.9

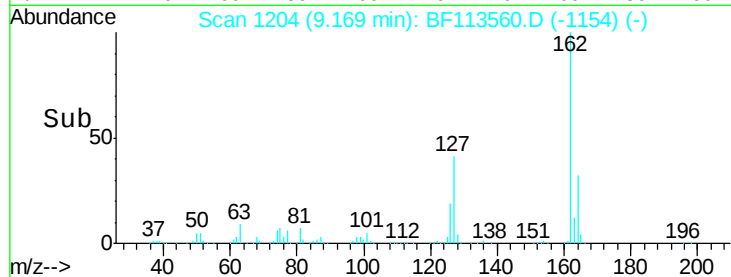
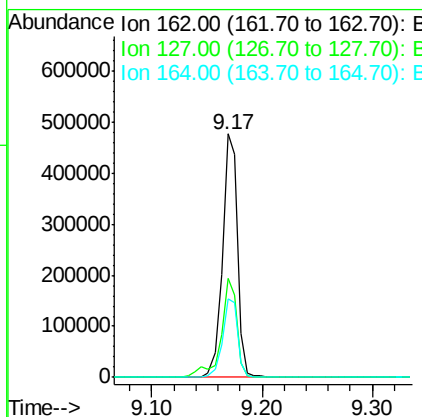
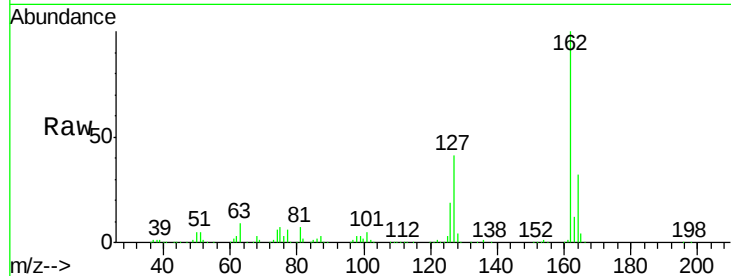




#47
 2-Chloronaphthalene
 Concen: 44.412 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

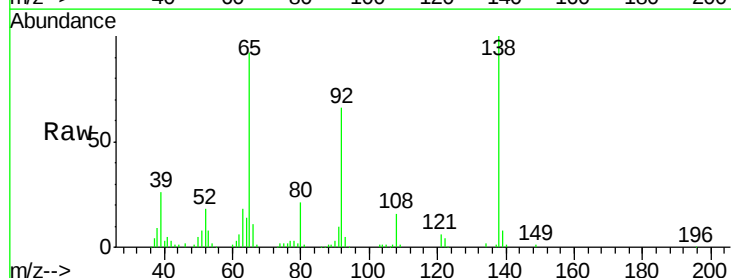
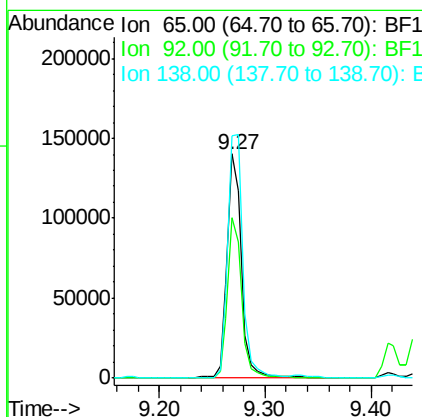
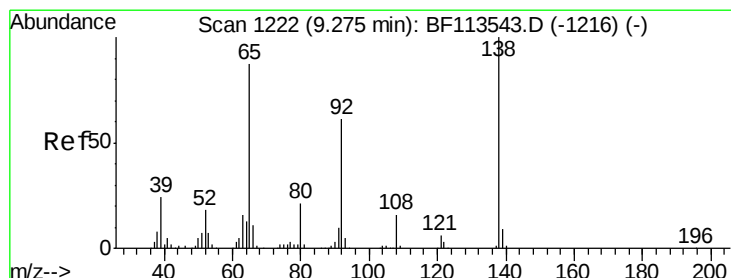
Instrument :
 BNA_F
 ClientSampleId :

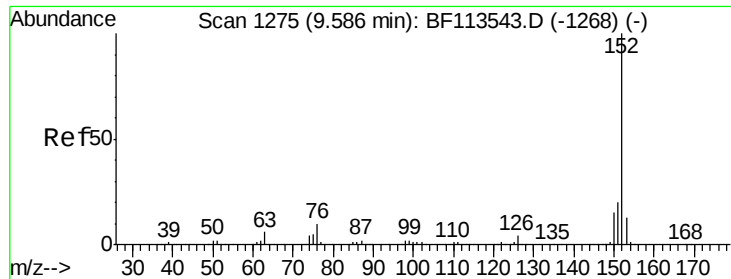
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	32.6	49.0
164	32.4	26.6	39.8



#48
 2-Nitroaniline
 Concen: 42.687 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.7	56.8	85.2
138	108.3	92.3	138.5





#49

Acenaphthylene

Concen: 42.664 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

Instrument :

BNA_F

ClientSampled :

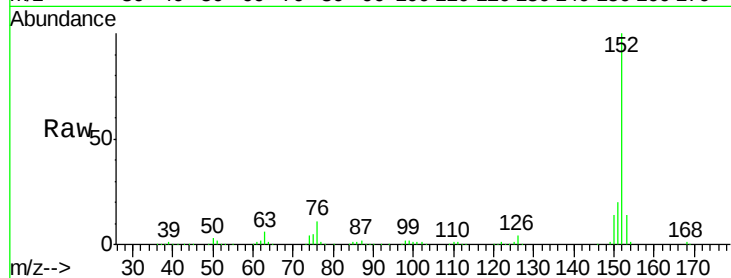
Tot Ion:152 Resp: 707499

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

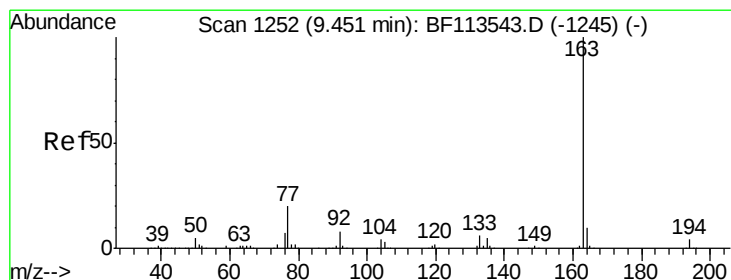
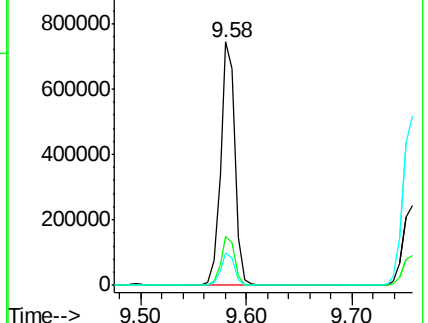
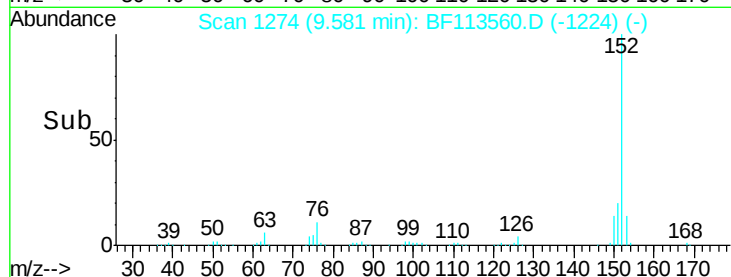
153 13.6 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.368 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

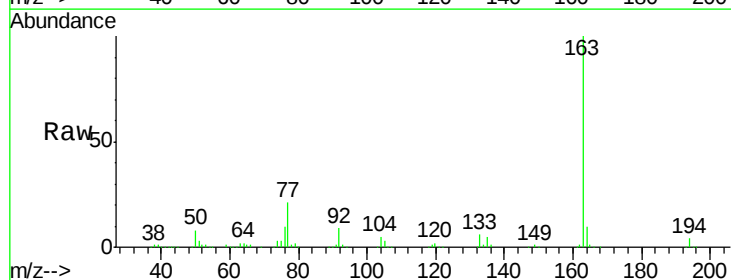
Tgt Ion:163 Resp: 509766

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

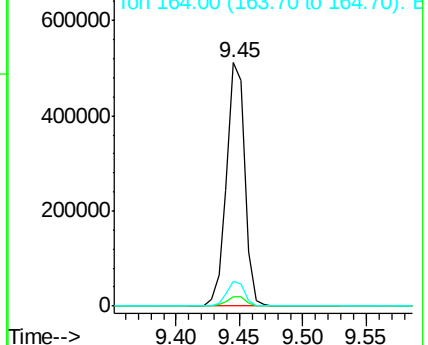
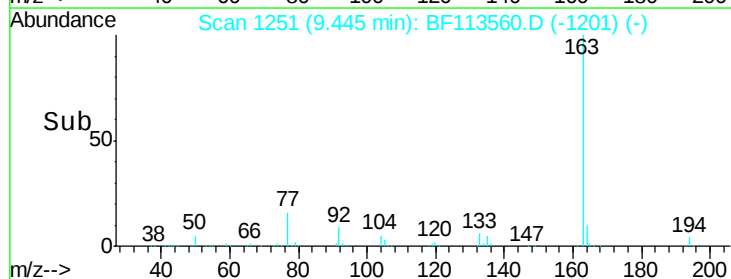
164 10.4 8.1 12.1

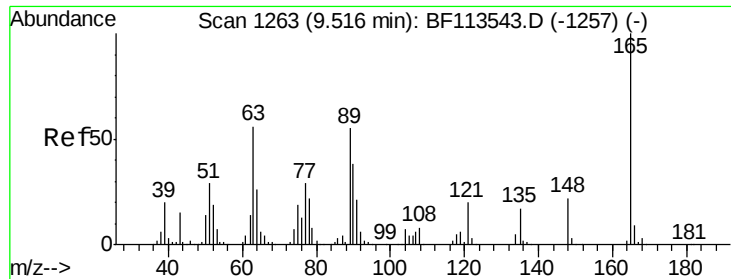


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.916 ng

RT: 9.52 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

Instrument :

BNA_F

ClientSampleId :

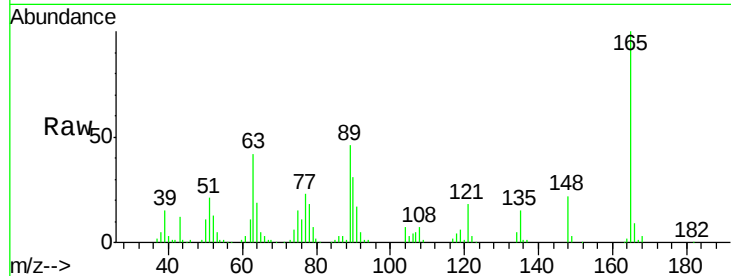
Tot Ion:165 Resp: 105865

Ion Ratio Lower Upper

165 100

63 42.4 43.4 65.0#

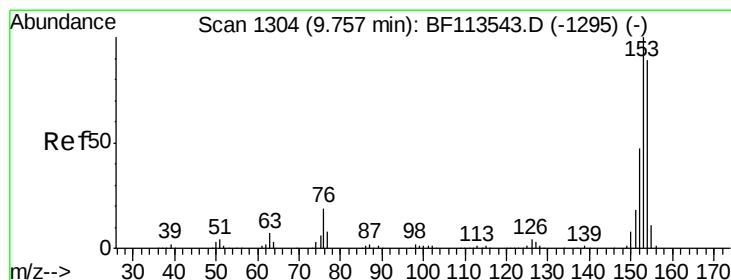
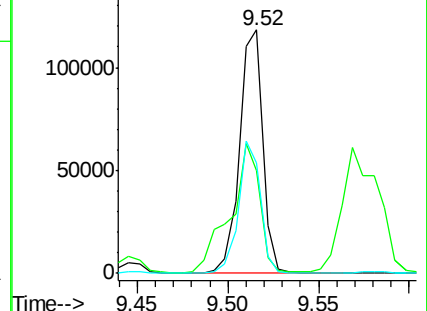
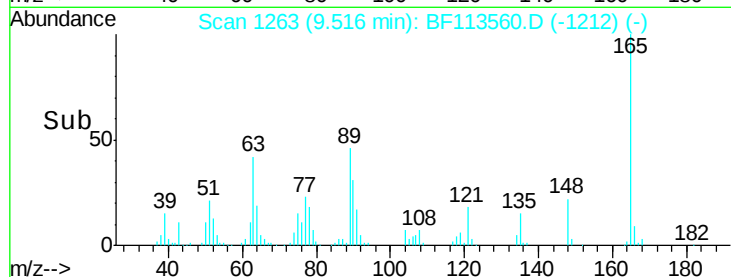
89 45.6 43.1 64.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 42.791 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

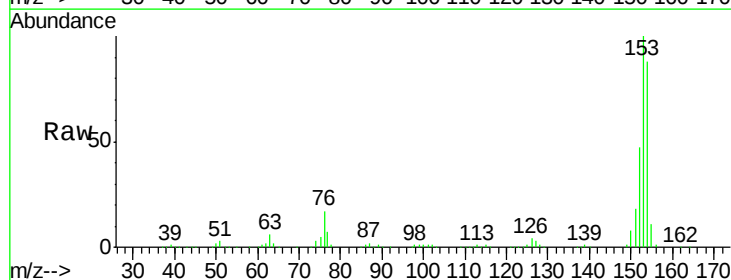
Tgt Ion:154 Resp: 406202

Ion Ratio Lower Upper

154 100

153 113.1 89.5 134.3

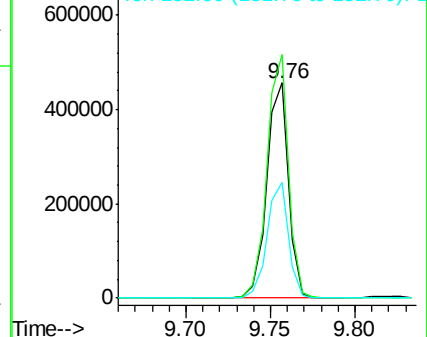
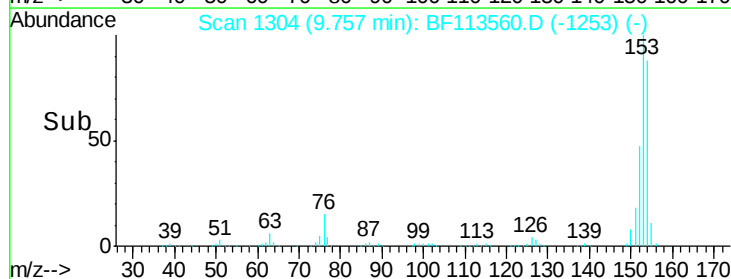
152 53.5 43.3 64.9

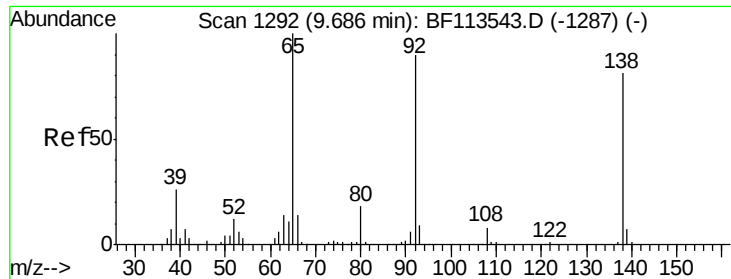


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

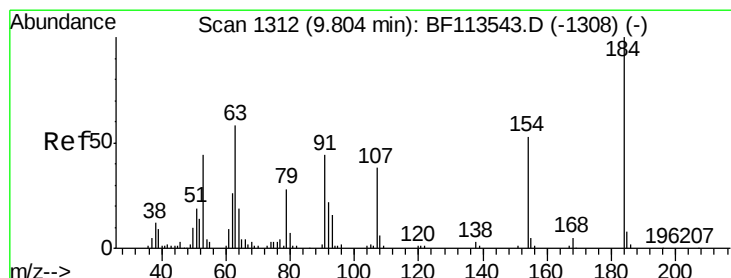
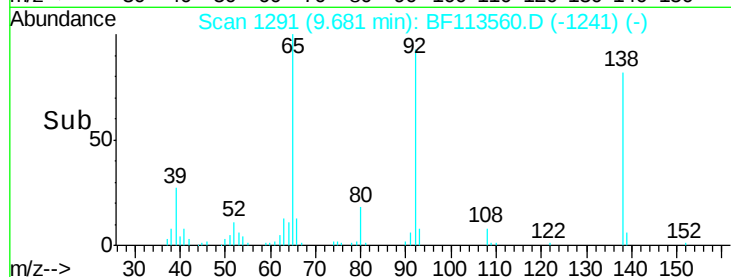
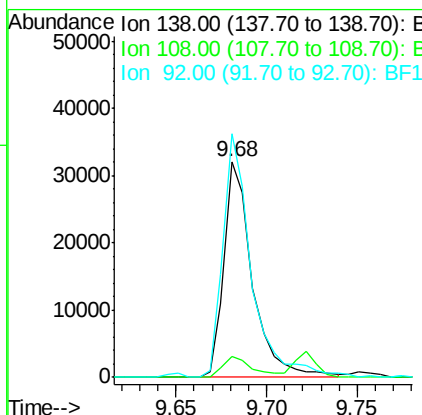
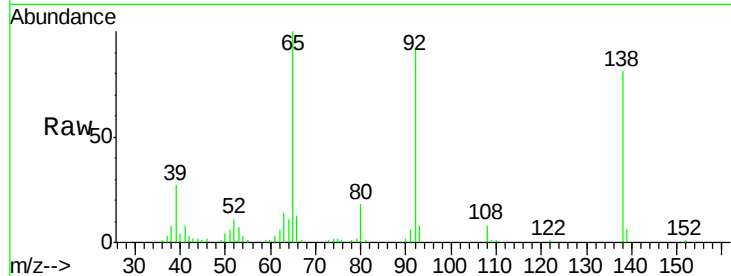




#53
 3-Nitroaniline
 Concen: 11.690 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

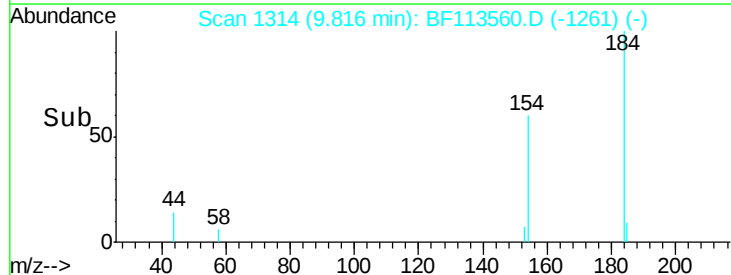
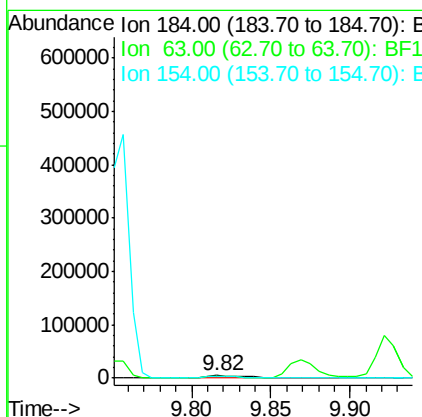
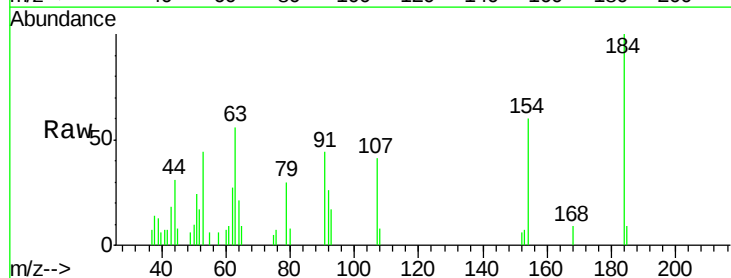
Instrument :
 BNA_F
 ClientSampleID :

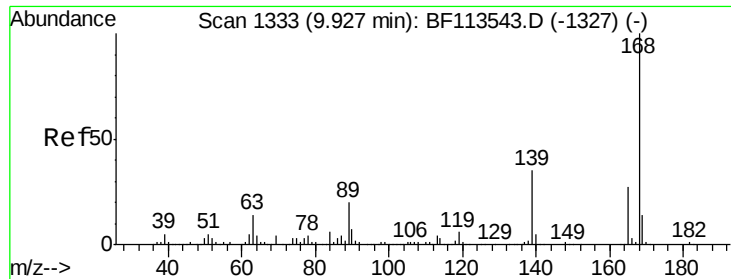
Tot Ion:138 Resp: 35250
 Ion Ratio Lower Upper
 138 100
 108 9.9 7.8 11.6
 92 112.8 82.6 124.0



#54
 2,4-Dinitrophenol
 Concen: 8.258 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

Tgt Ion:184 Resp: 10246
 Ion Ratio Lower Upper
 184 100
 63 56.0 54.3 81.5
 154 60.0 48.4 72.6

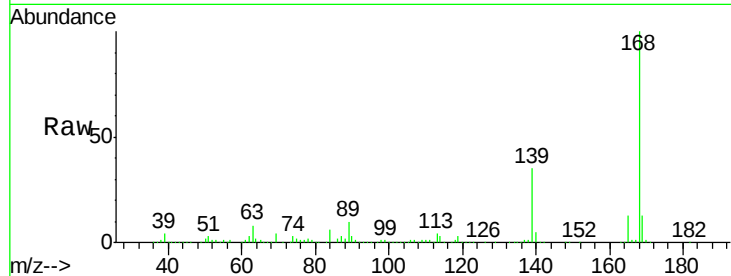




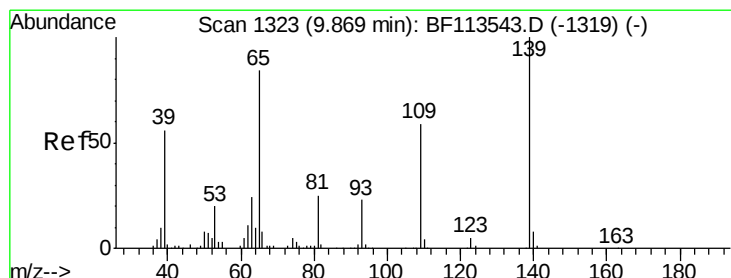
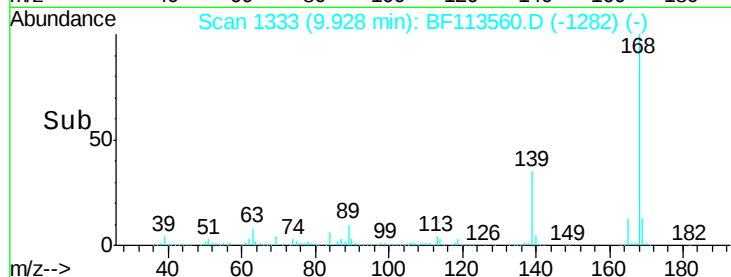
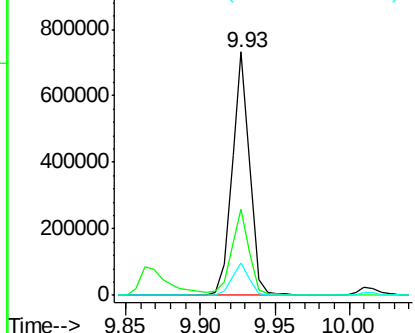
#55
Dibenzenofuran
Concen: 43.420 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 604614
Ion Ratio Lower Upper
168 100
139 35.3 29.7 44.5
169 13.2 10.7 16.1

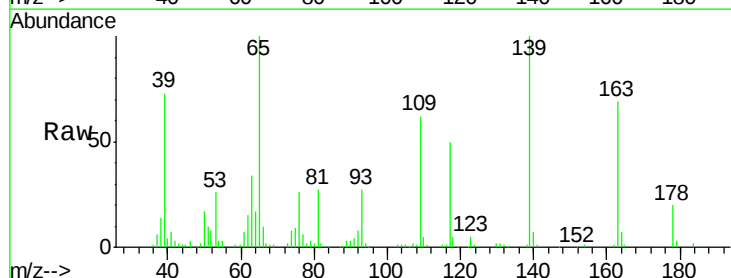


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

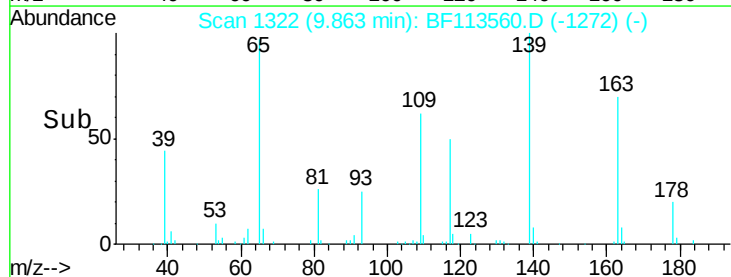
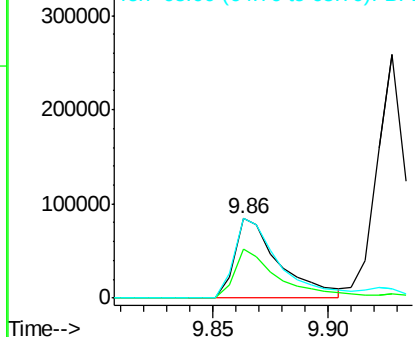


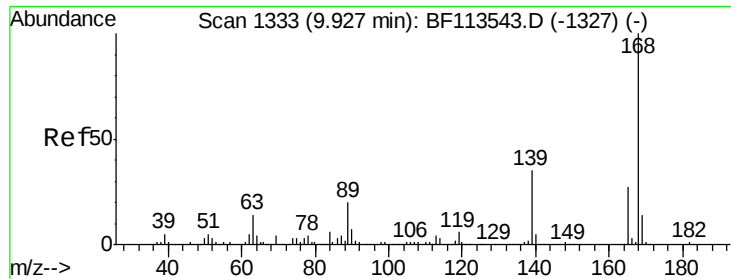
#56
4-Nitrophenol
Concen: 61.178 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Tgt Ion:139 Resp: 114434
Ion Ratio Lower Upper
139 100
109 62.1 46.9 86.9
65 100.1 77.2 117.2



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

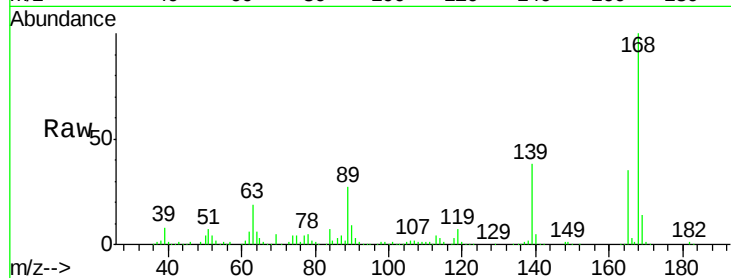




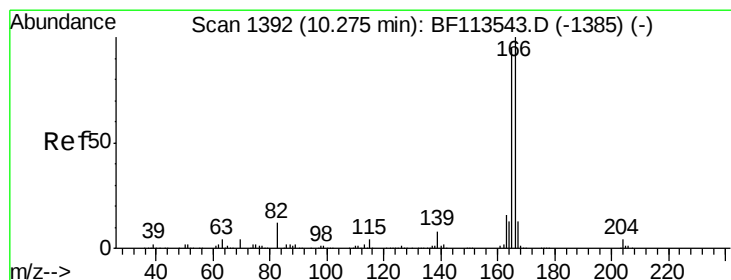
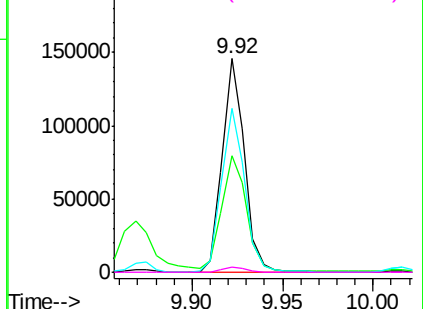
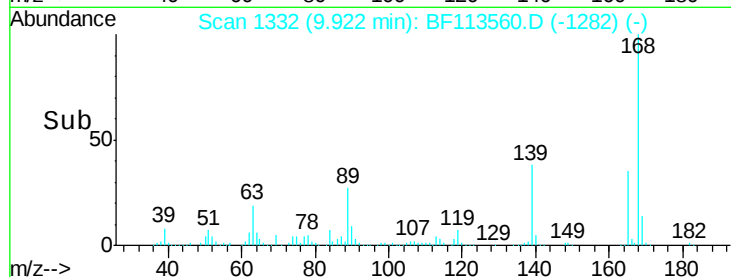
#57
2,4-Dinitrotoluene
Concen: 38.909 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 124805
Ion Ratio Lower Upper
165 100
63 54.4 37.5 56.3
89 76.9 57.4 86.2
182 2.5 2.0 3.0

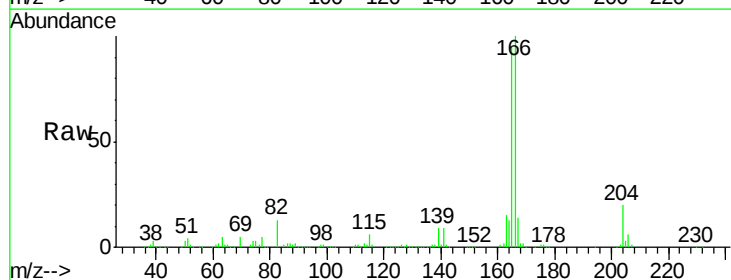


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

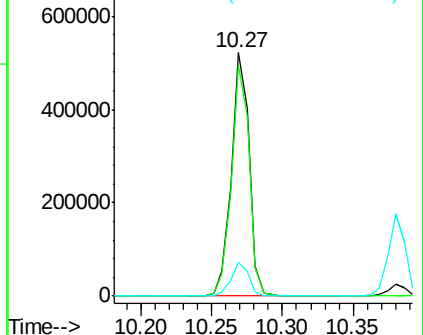
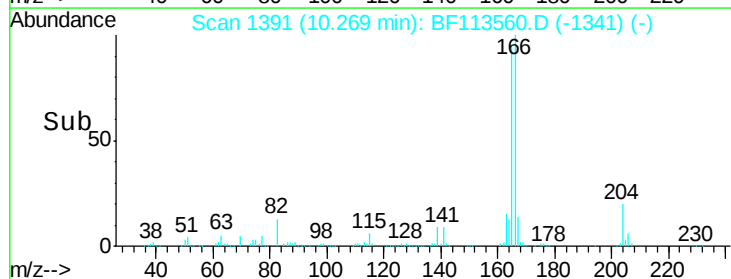


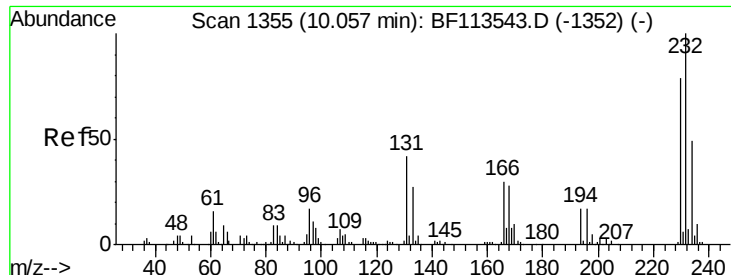
#58
Fluorene
Concen: 41.539 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Tgt Ion:166 Resp: 457481
Ion Ratio Lower Upper
166 100
165 94.9 76.2 114.2
167 14.1 10.7 16.1



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

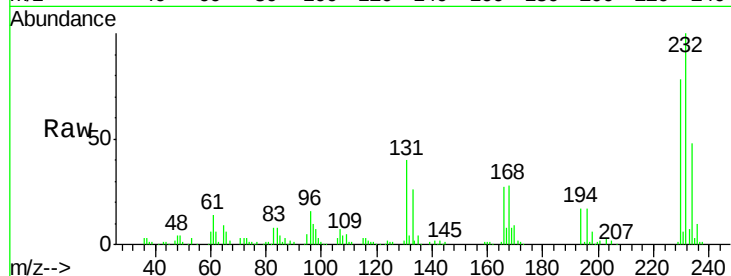




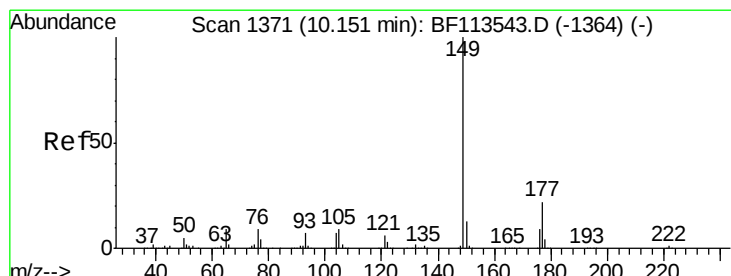
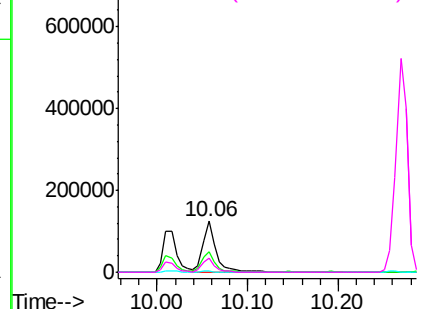
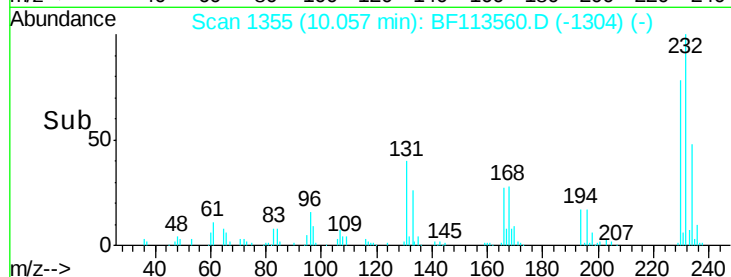
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.719 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.1	33.2	49.8
130	1.7	1.6	2.4
166	26.1	21.0	31.6

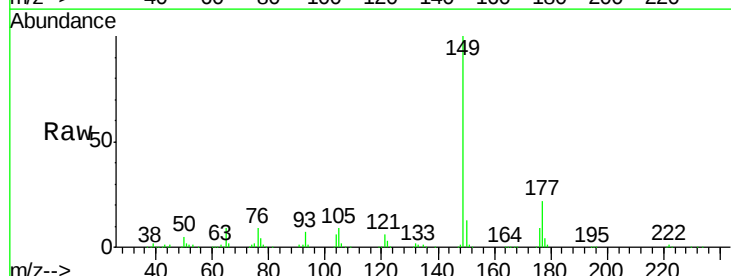


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

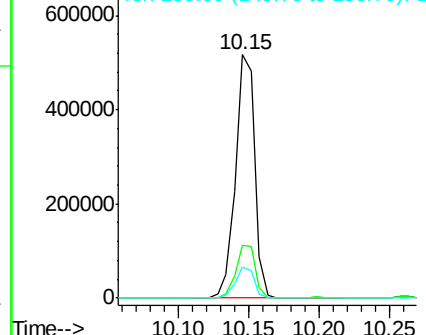
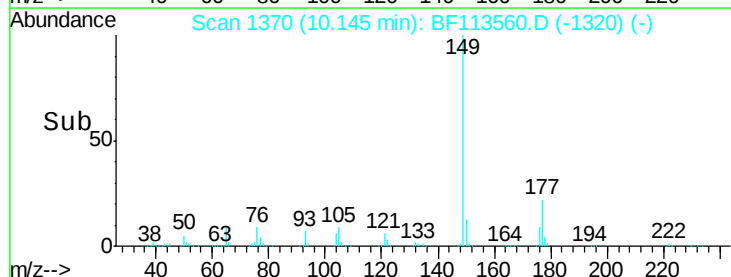


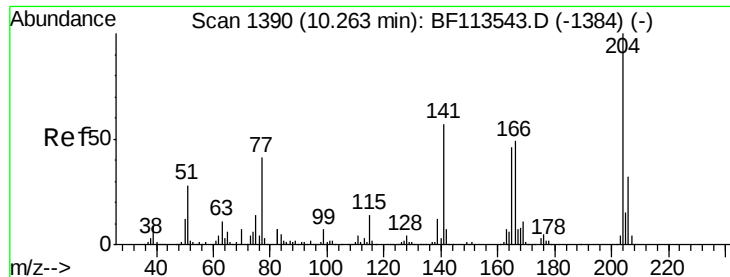
#60
 Diethylphthalate
 Concen: 42.186 ng
 RT: 10.15 min Scan# 1370
 Delta R.T. -0.01 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.4	26.0
150	12.6	10.0	15.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

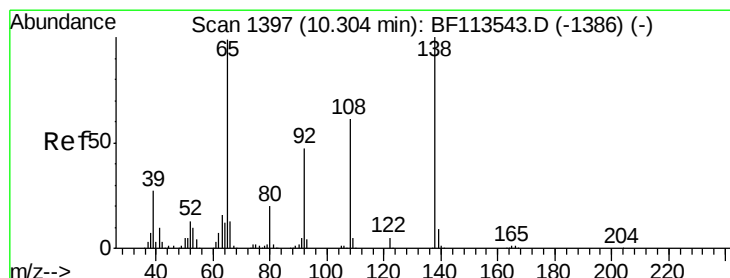
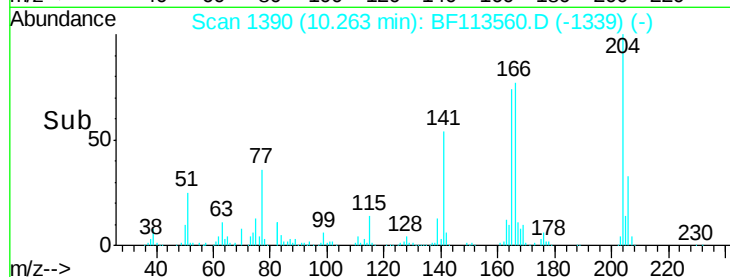
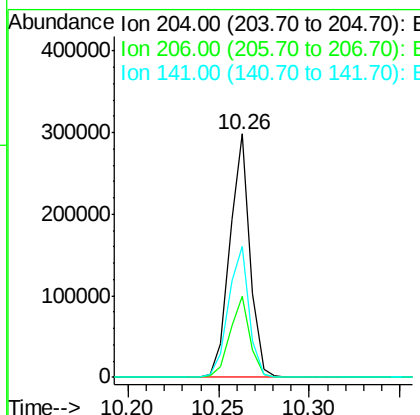
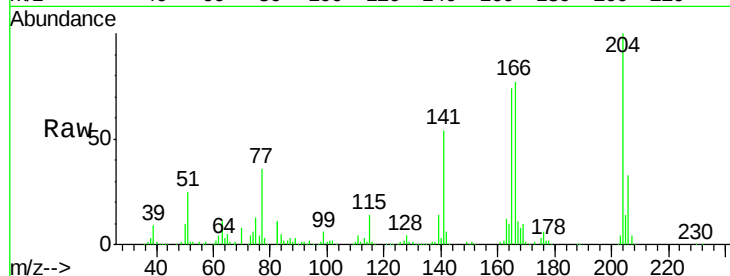




#61
 4-Chlorophenyl-phenylether
 Concen: 42.719 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

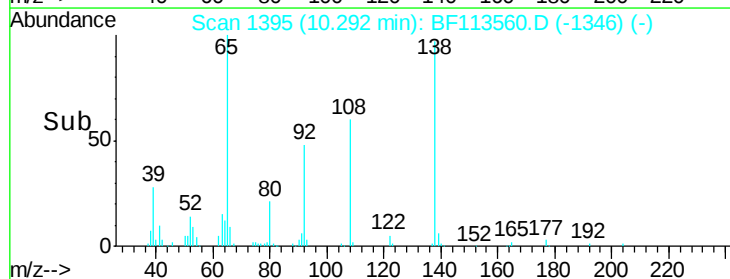
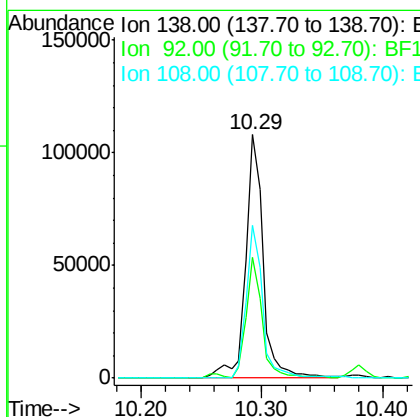
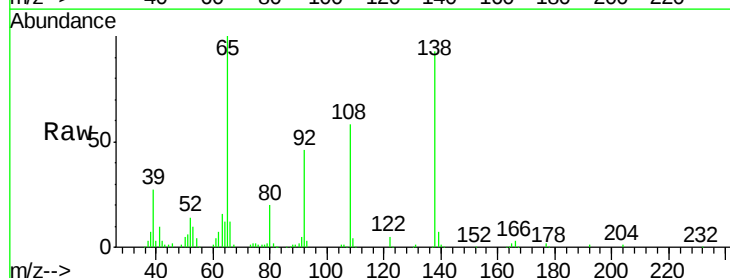
Instrument :
 BNA_F
 ClientSampleId :

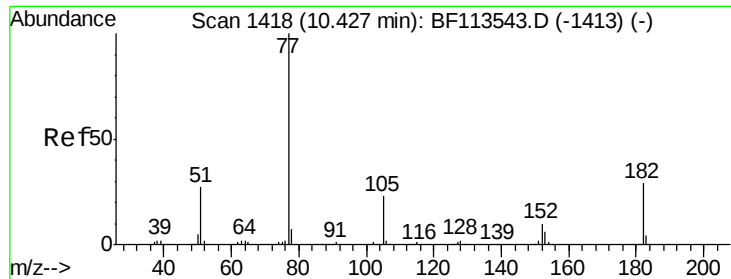
Tot Ion:	204	Resp:	231413
Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.9	40.3
141	54.0	48.8	73.2



#62
 4-Nitroaniline
 Concen: 36.015 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

Tgt Ion:	138	Resp:	110433
Ion	Ratio	Lower	Upper
138	100		
92	49.5	25.8	65.8
108	62.9	44.0	84.0





#63

Azobenzene

Concen: 39.862 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 437834

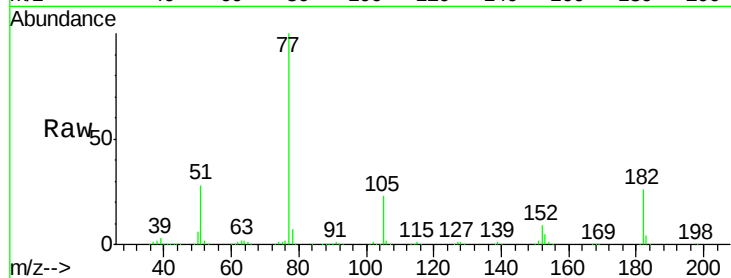
Ion Ratio Lower Upper

77 100

182 26.1 8.7 48.7

105 23.0 2.9 42.9

51 28.2 8.8 48.8

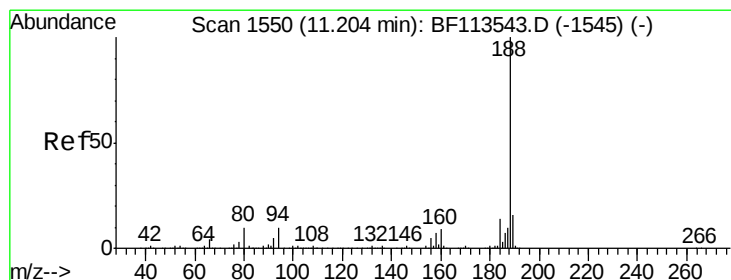
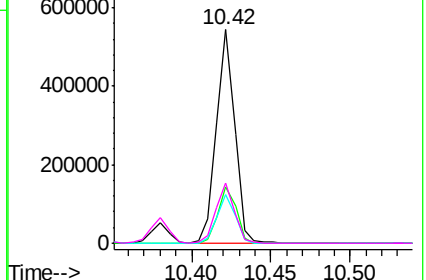
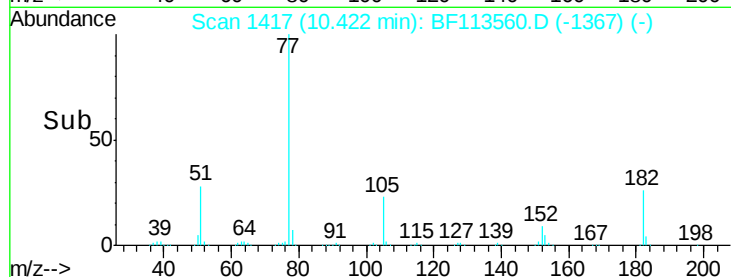


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.20 min Scan# 1550

Delta R.T. 0.00 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

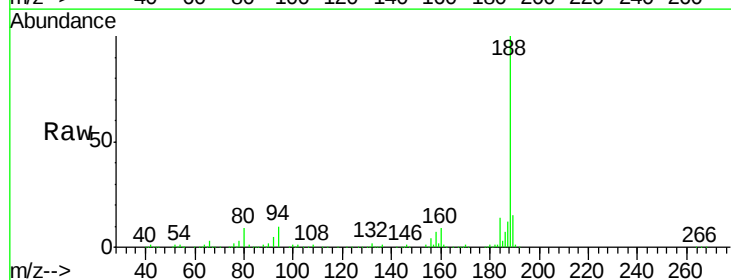
Tgt Ion: 188 Resp: 293140

Ion Ratio Lower Upper

188 100

94 9.6 7.0 10.6

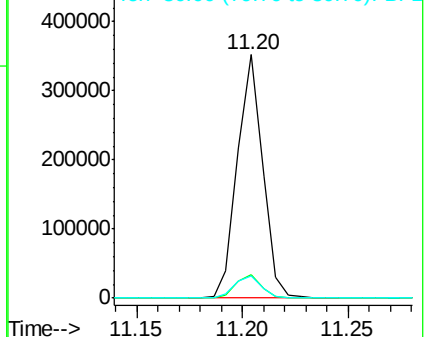
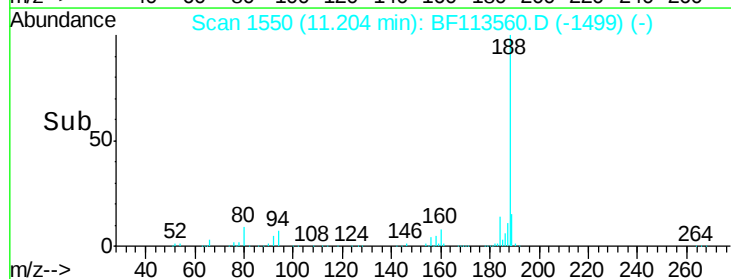
80 9.2 7.7 11.5

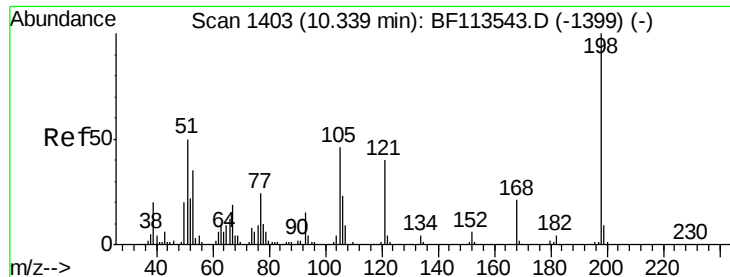


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

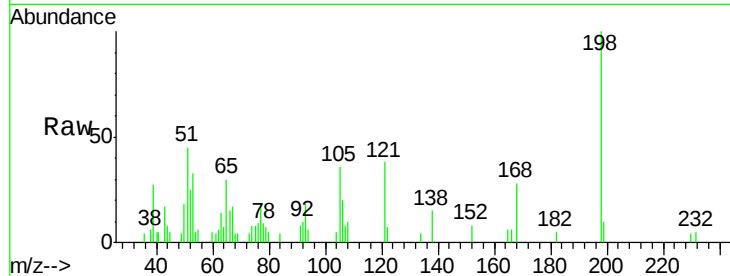




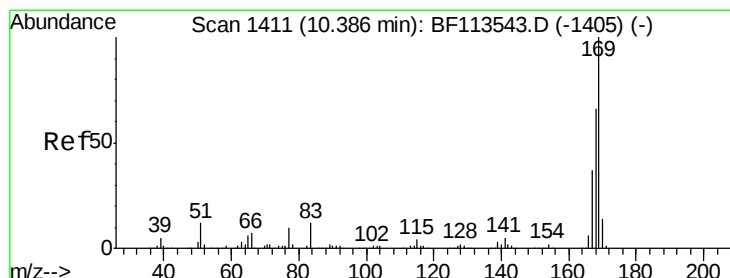
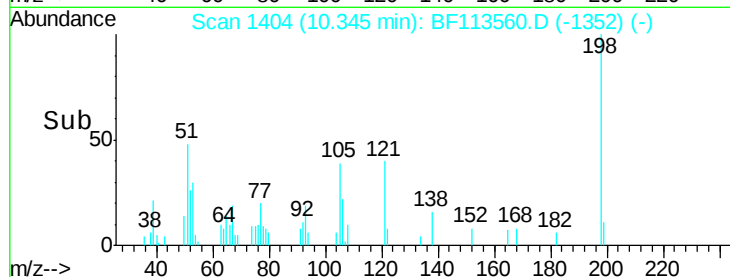
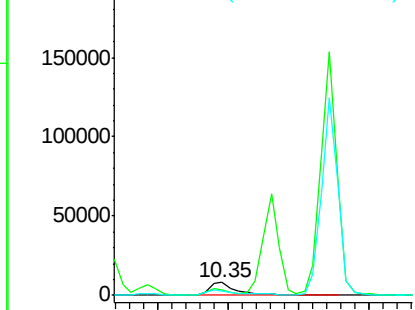
#65
4,6-Dinitro-2-methylphenol
Concen: 7.465 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 11520
Ion Ratio Lower Upper
198 100
51 44.8 21.6 61.6
105 36.5 20.6 60.6

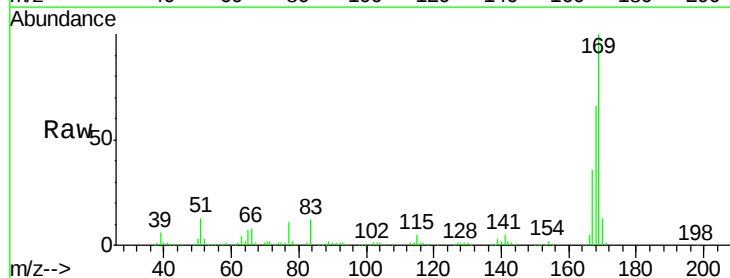


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

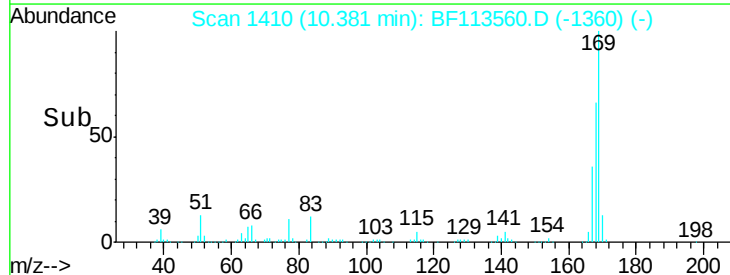
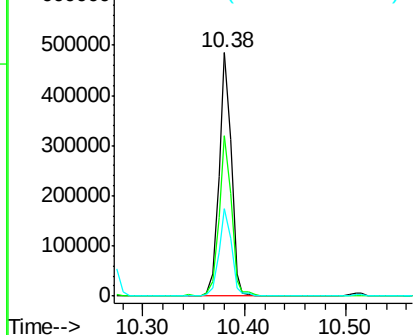


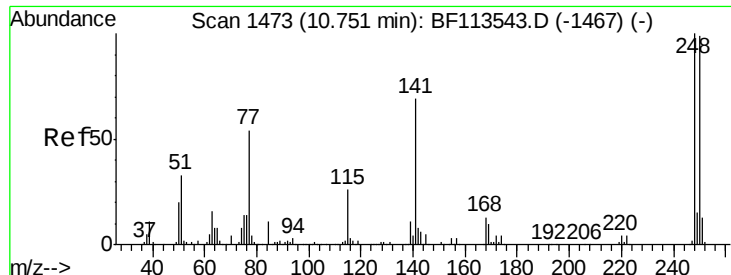
#66
n-Nitrosodiphenylamine
Concen: 45.082 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Tgt Ion:169 Resp: 405707
Ion Ratio Lower Upper
169 100
168 66.0 53.7 80.5
167 36.1 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

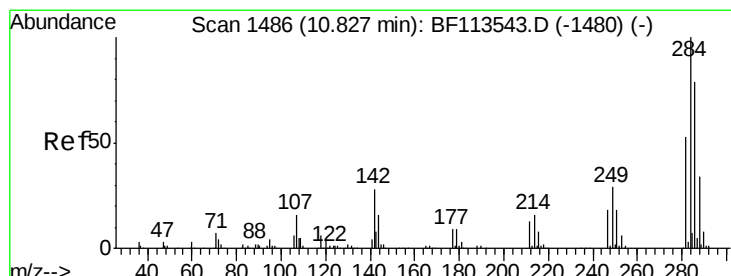
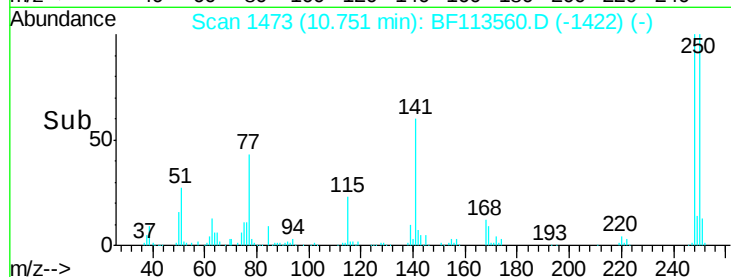
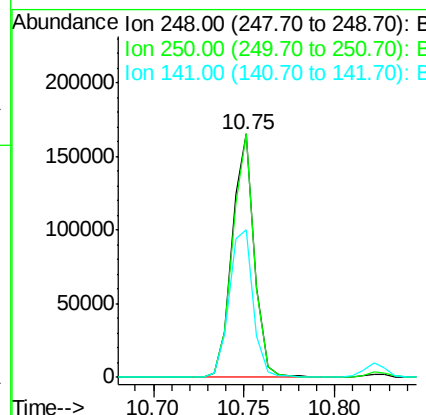
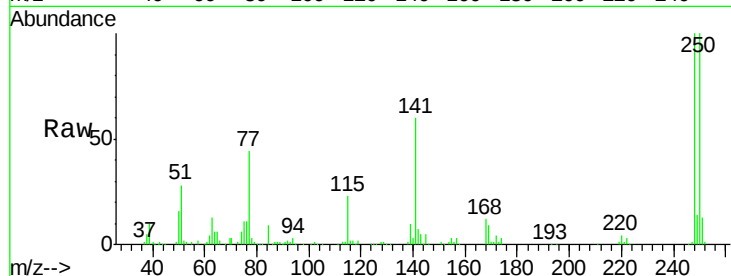




#67
4-Bromophenyl-phenylether
Concen: 42.722 ng
RT: 10.75 min Scan# 1473
Delta R.T. 0.00 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

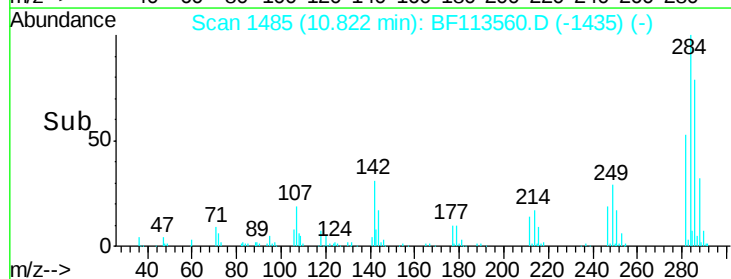
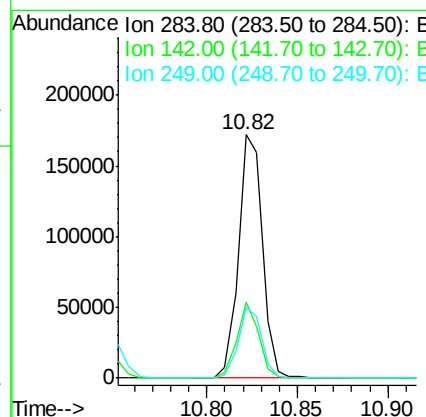
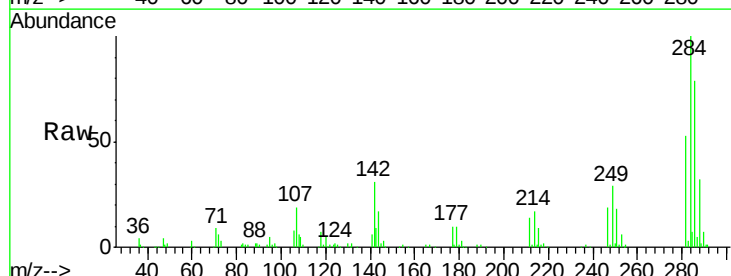
Instrument :
BNA_F
ClientSampleId :

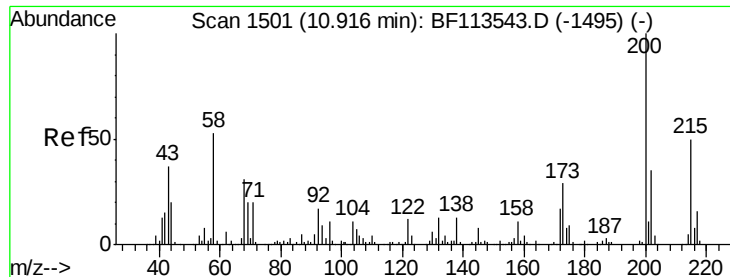
Tot Ion:248 Resp: 140457
Ion Ratio Lower Upper
248 100
250 100.0 78.3 117.5
141 60.4 56.2 84.4



#68
Hexachlorobenzene
Concen: 41.946 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Tgt Ion:284 Resp: 158015
Ion Ratio Lower Upper
284 100
142 31.3 20.1 30.1#
249 29.1 22.7 34.1

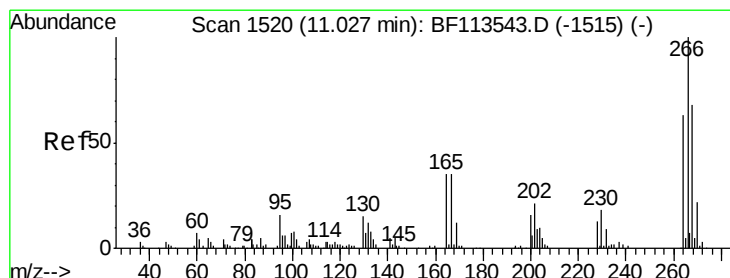
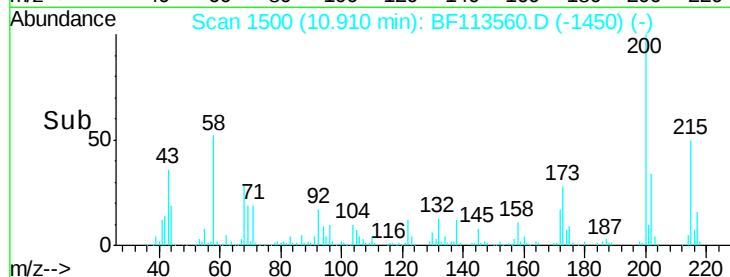
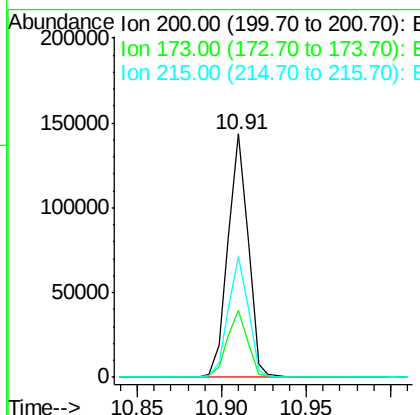
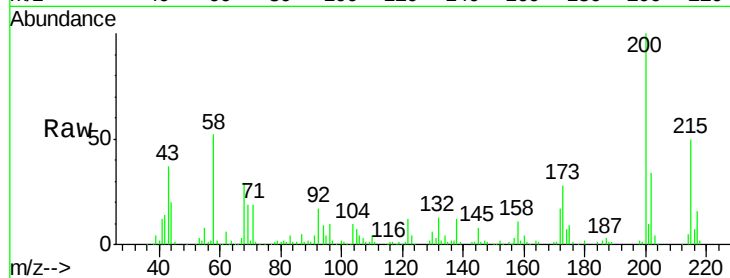




#69
 Atrazine
 Concen: 41.964 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

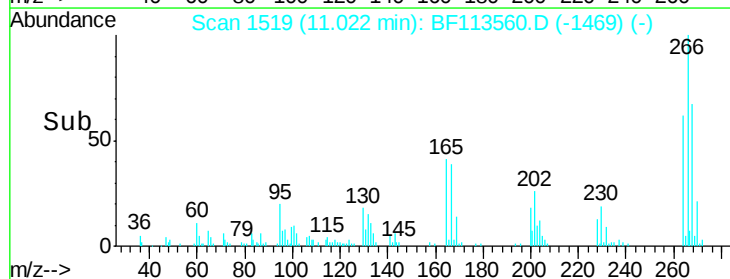
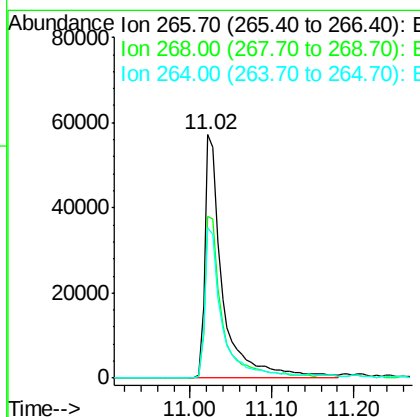
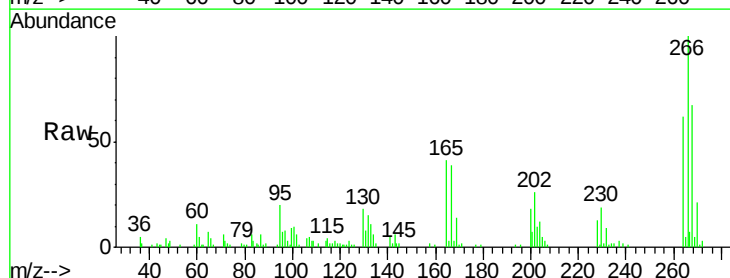
Instrument :
 BNA_F
 ClientSampleId :

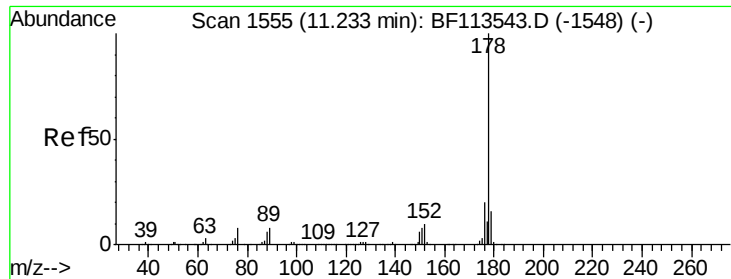
Tot Ion:200 Resp: 119032
 Ion Ratio Lower Upper
 200 100
 173 27.6 6.0 46.0
 215 49.7 31.3 71.3



#70
 Pentachlorophenol
 Concen: 49.367 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

Tgt Ion:266 Resp: 87632
 Ion Ratio Lower Upper
 266 100
 268 66.6 53.8 80.6
 264 61.6 49.2 73.8

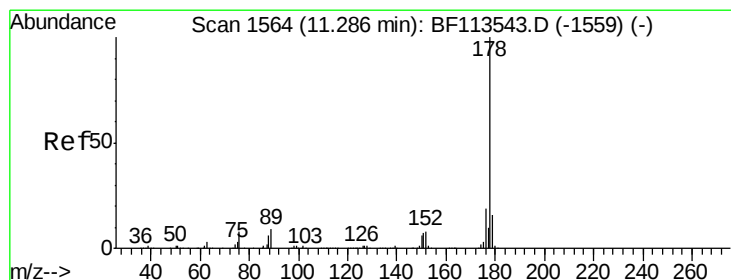
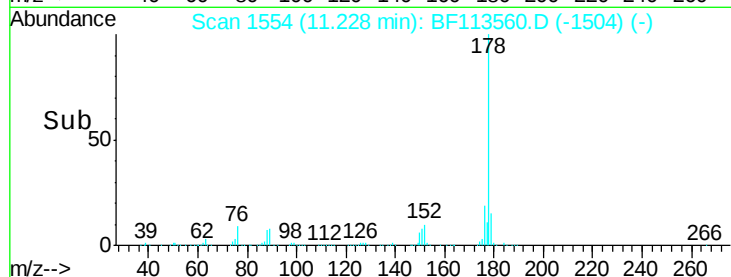
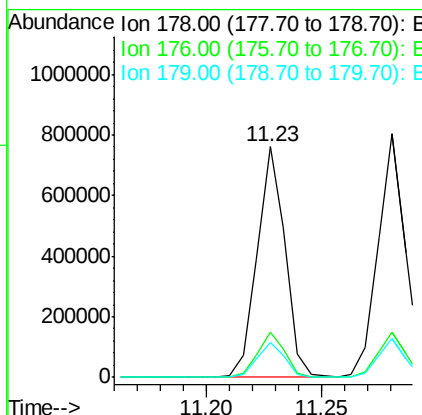
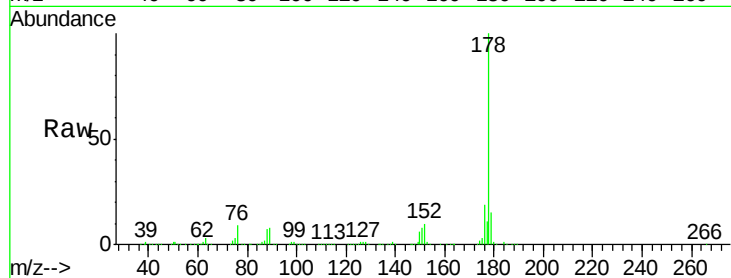




#71
Phenanthrene
Concen: 44.117 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

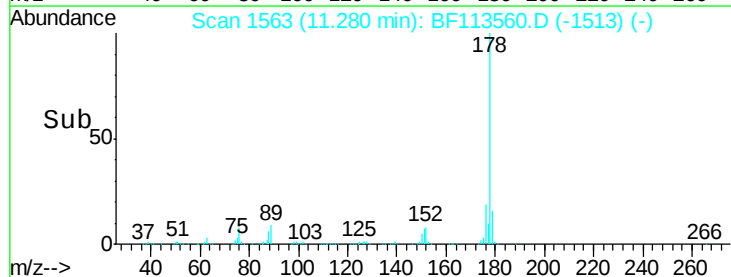
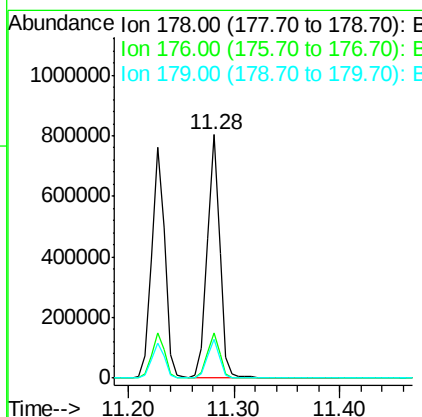
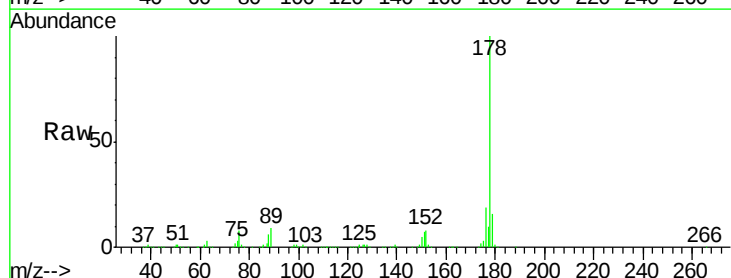
Instrument :
BNA_F
ClientSampleId :

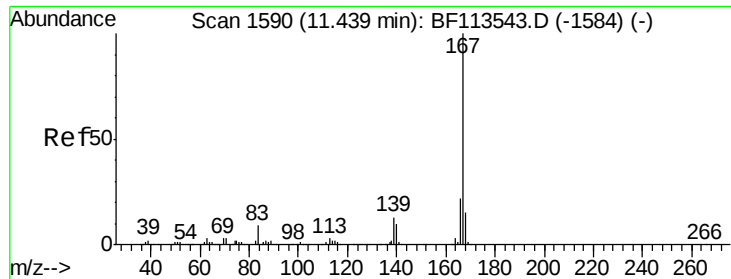
Tot Ion:178 Resp: 642619
Ion Ratio Lower Upper
178 100
176 19.4 16.2 24.2
179 15.4 12.7 19.1



#72
Anthracene
Concen: 45.153 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Tgt Ion:178 Resp: 669178
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.7 12.8 19.2





#73

Carbazole

Concen: 44.613 ng

RT: 11.44 min Scan# 1590

Delta R.T. 0.00 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

Instrument :

BNA_F

ClientSampleId :

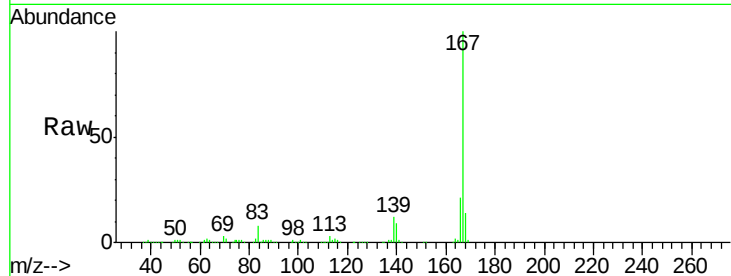
Tot Ion:167 Resp: 618389

Ion Ratio Lower Upper

167 100

166 21.1 17.4 26.0

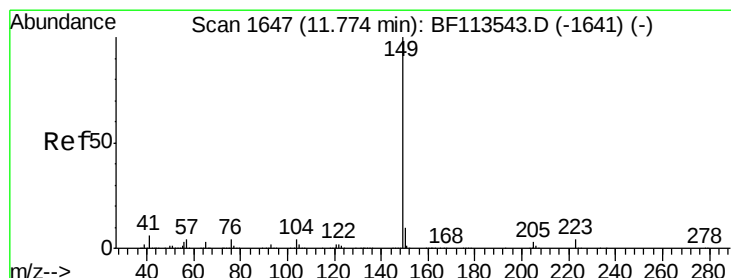
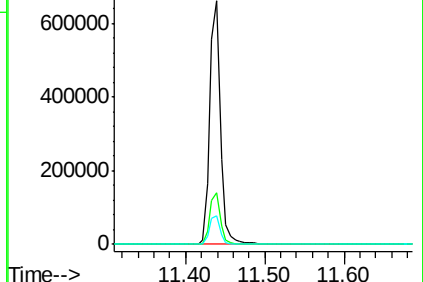
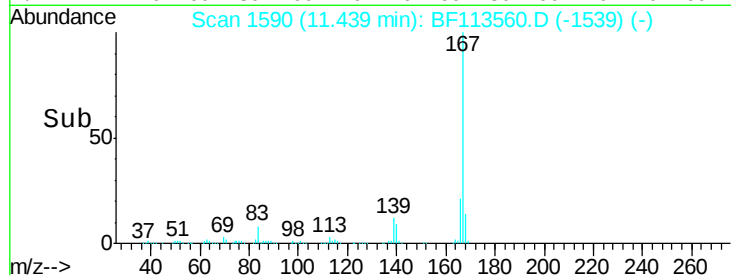
139 12.0 10.4 15.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.646 ng

RT: 11.77 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

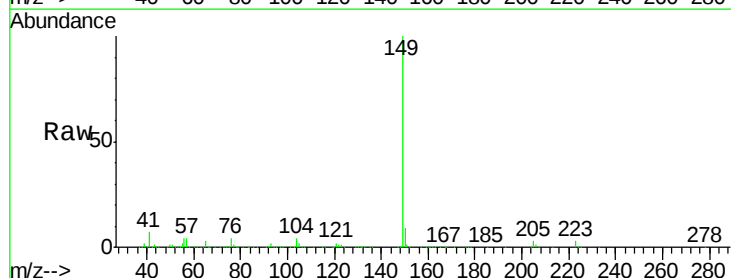
Tgt Ion:149 Resp: 736164

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

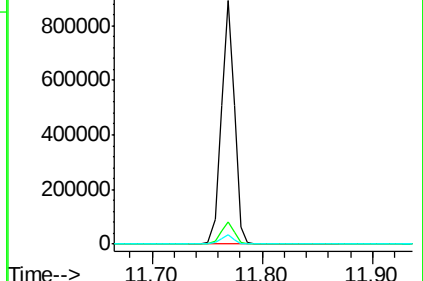
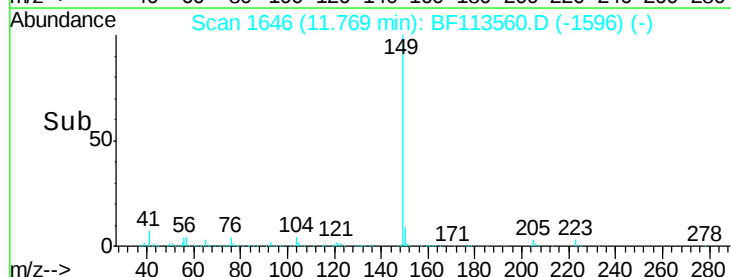
104 4.0 3.7 5.5

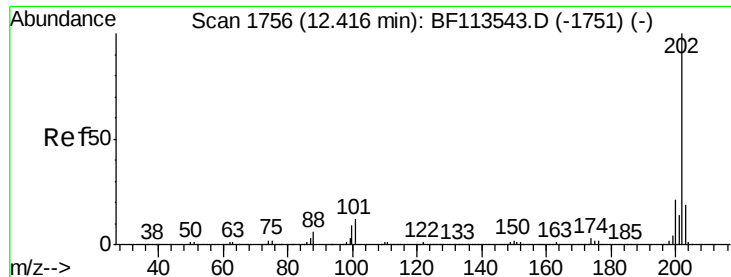


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

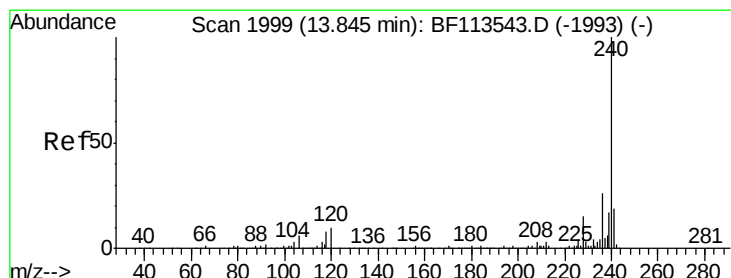
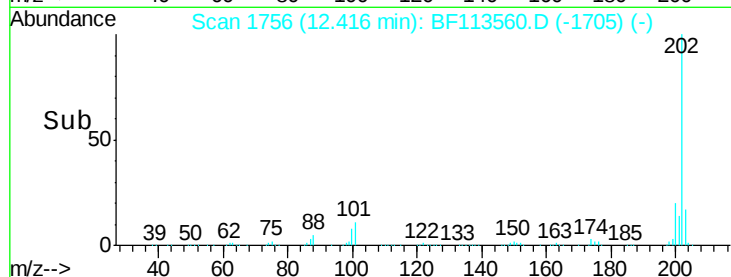
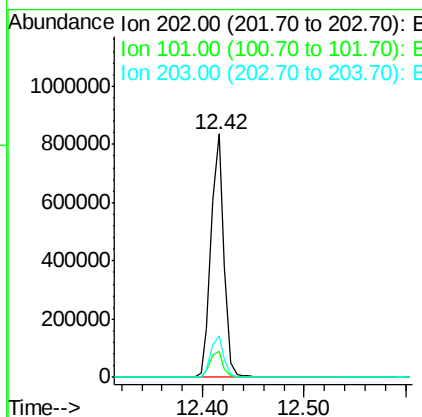
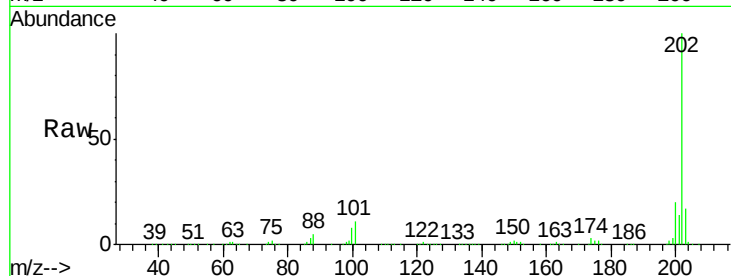




#75
 Fluoranthene
 Concen: 47.404 ng
 RT: 12.42 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

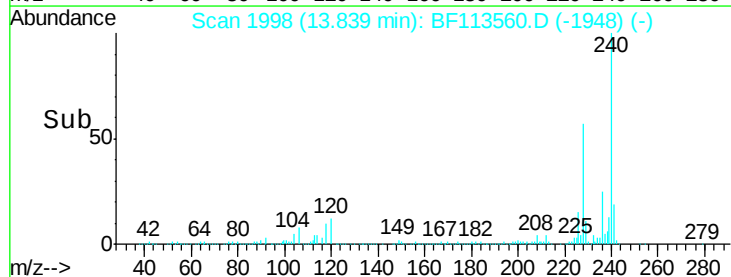
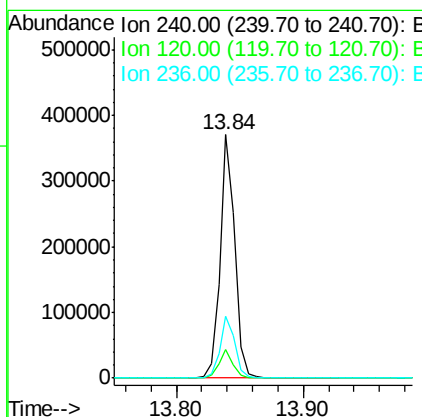
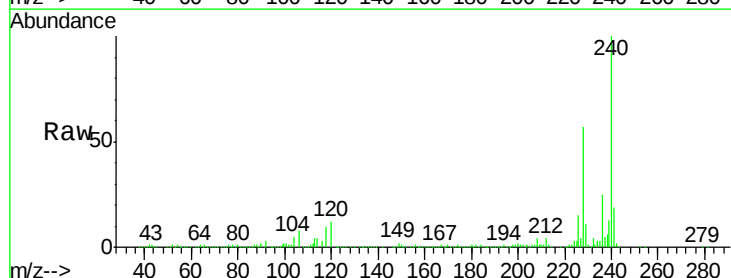
Instrument :
 BNA_F
 ClientSampled :

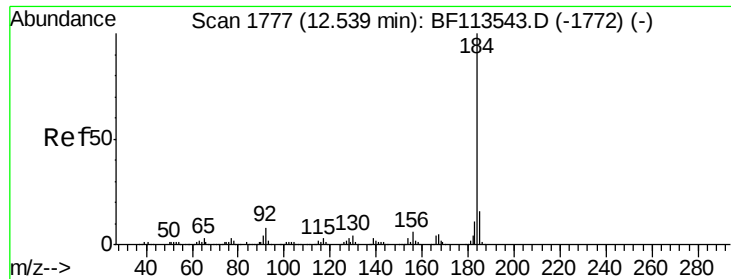
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.4
203	17.3	0.0	38.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.8	13.2
236	25.2	20.9	31.3





#77

Benzidine

Concen: 10.711 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

Instrument :

BNA_F

ClientSampled :

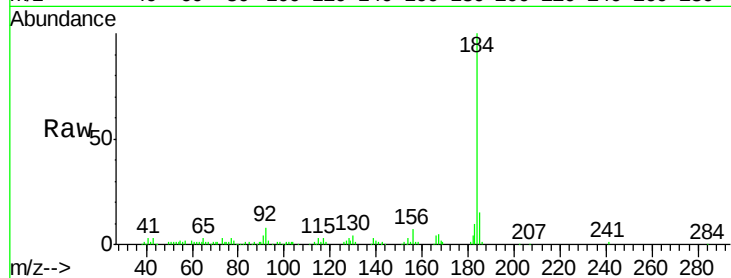
Tot Ion:184 Resp: 119703

Ion Ratio Lower Upper

184 100

185 14.6 13.0 19.6

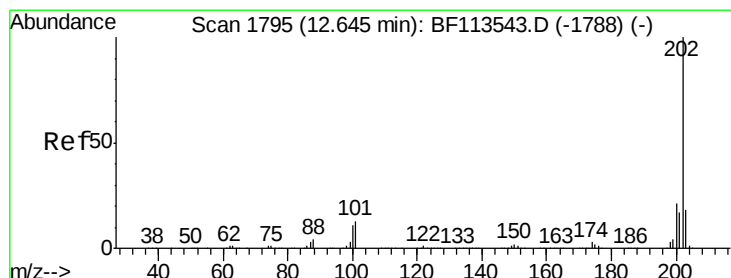
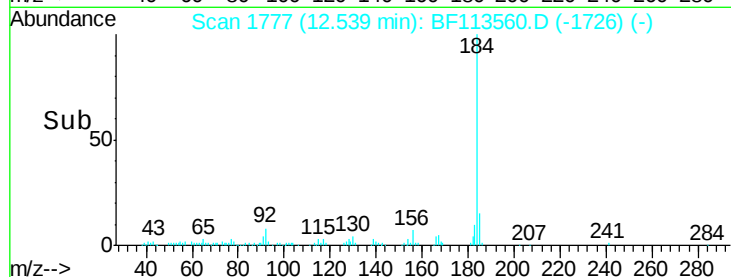
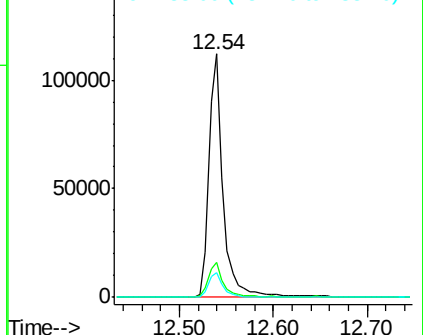
183 10.2 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 33.299 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

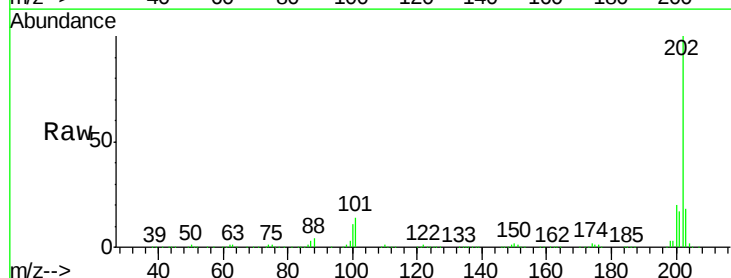
Tgt Ion:202 Resp: 761470

Ion Ratio Lower Upper

202 100

200 20.3 16.8 25.2

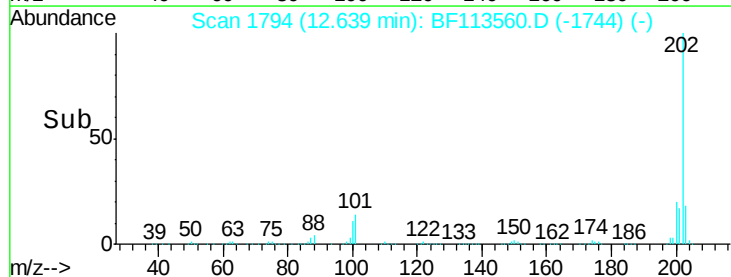
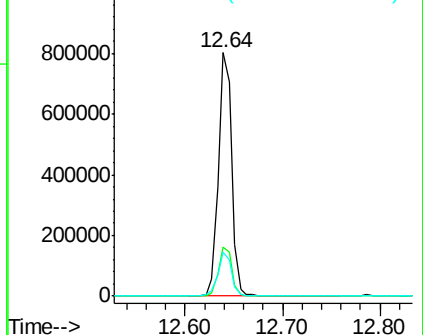
203 18.0 14.4 21.6



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: 71.469 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

Instrument :

BNA_F

ClientSampleId :

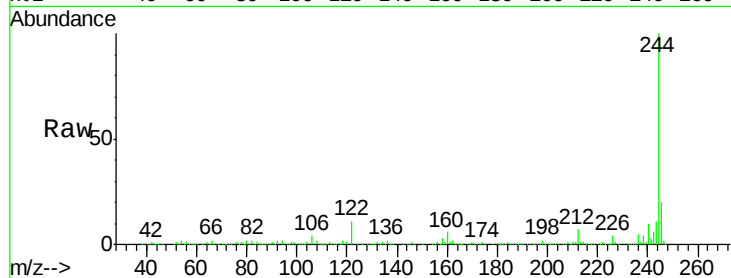
Tot Ion:244 Resp: 1054971

Ion Ratio Lower Upper

244 100

212 6.5 5.5 8.3

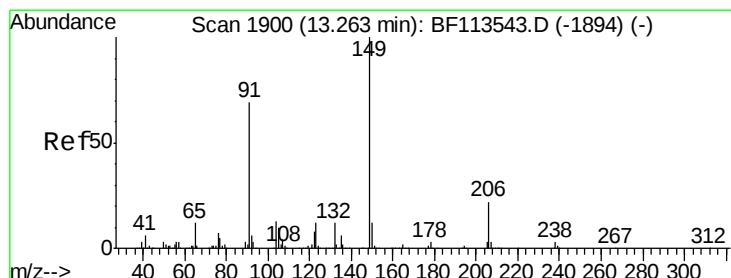
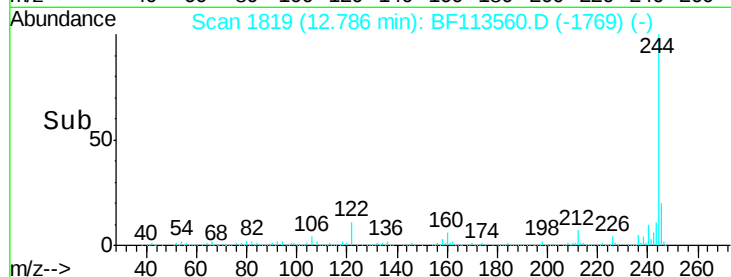
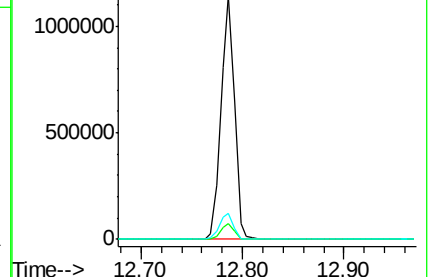
122 10.9 8.6 13.0



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: 36.352 ng

RT: 13.26 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

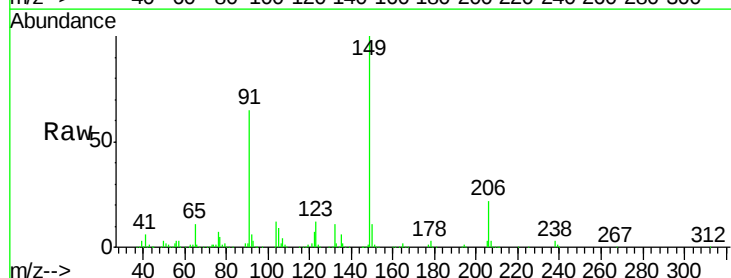
Tgt Ion:149 Resp: 338382

Ion Ratio Lower Upper

149 100

91 64.8 55.2 82.8

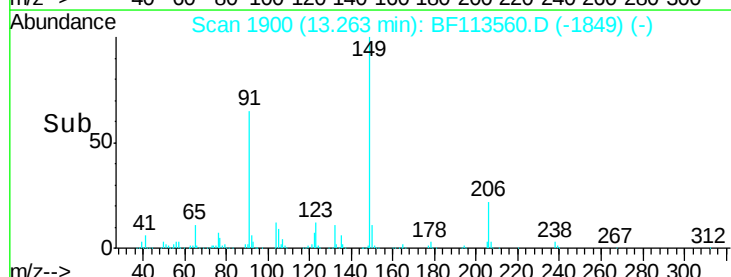
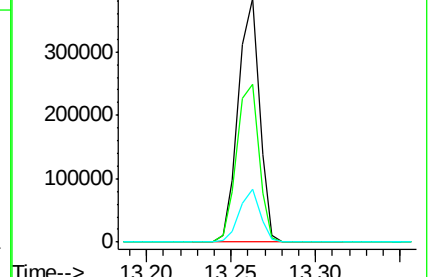
206 21.7 16.1 24.1

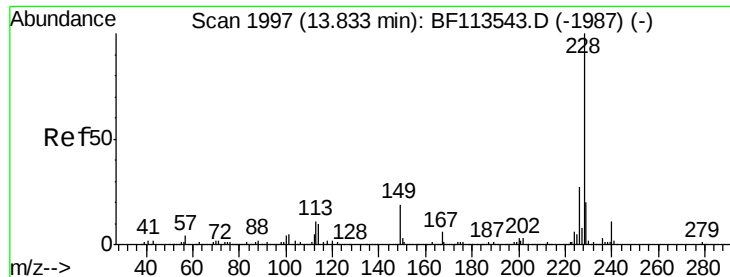


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.713 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

Instrument :

BNA_F

ClientSampled :

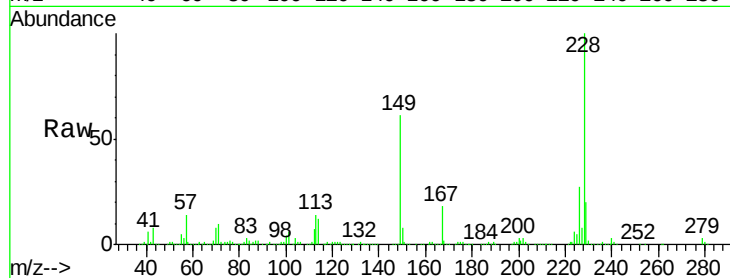
Tot Ion:228 Resp: 688500

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

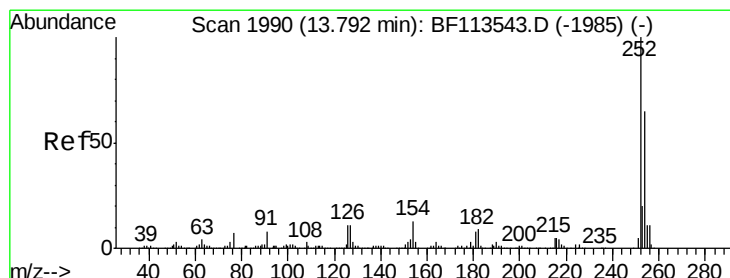
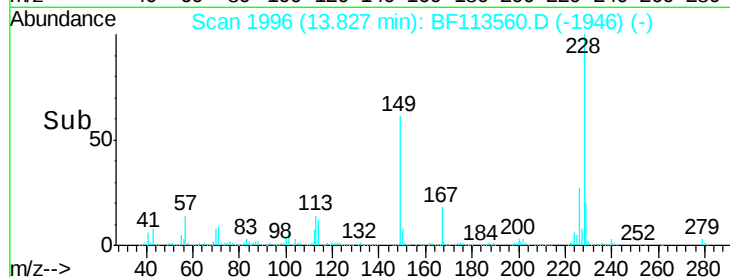
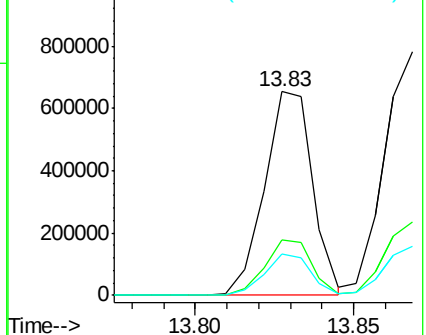
229 20.3 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 9.049 ng

RT: 13.79 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

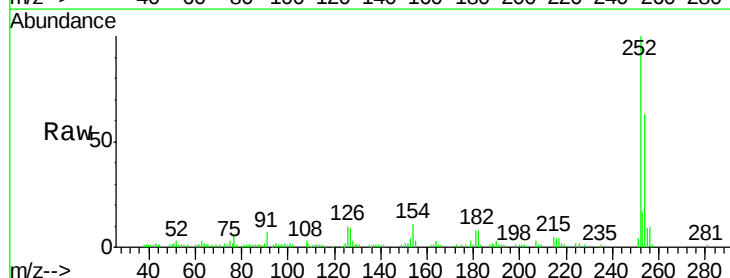
Tgt Ion:252 Resp: 60427

Ion Ratio Lower Upper

252 100

254 63.4 52.2 78.2

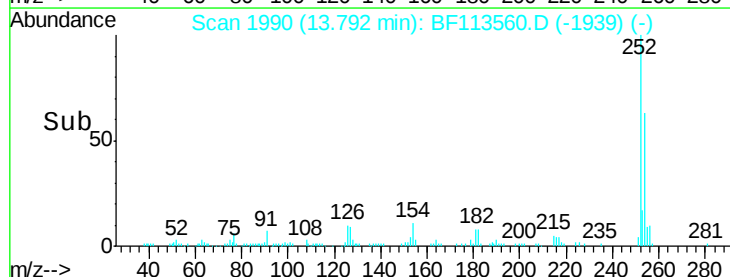
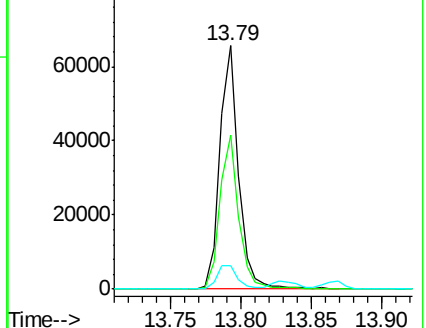
126 9.8 8.5 12.7

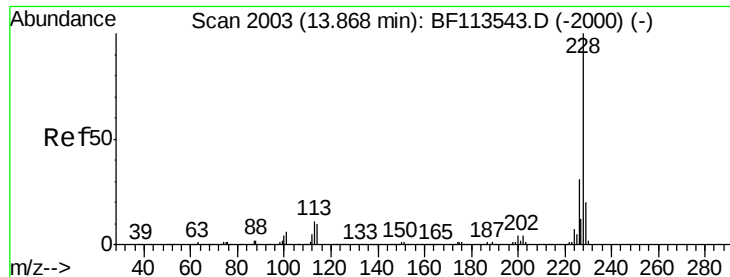


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

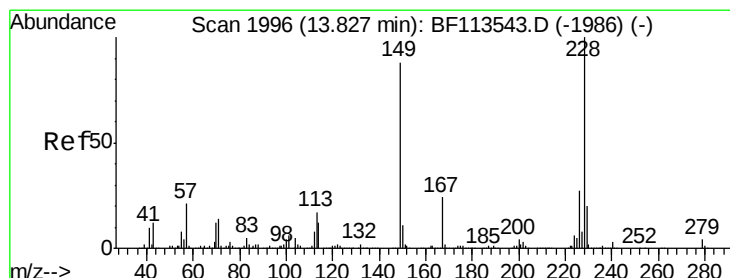
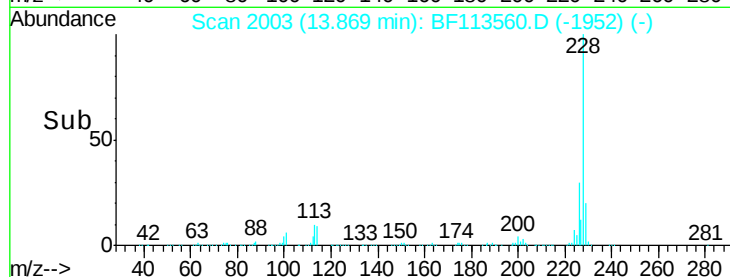
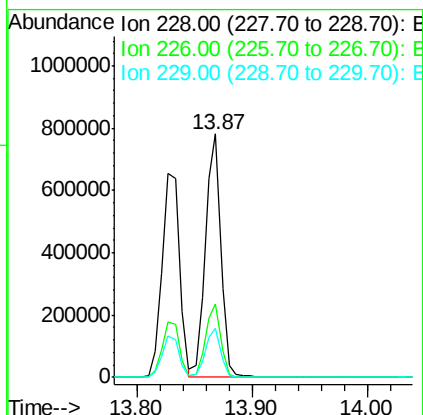
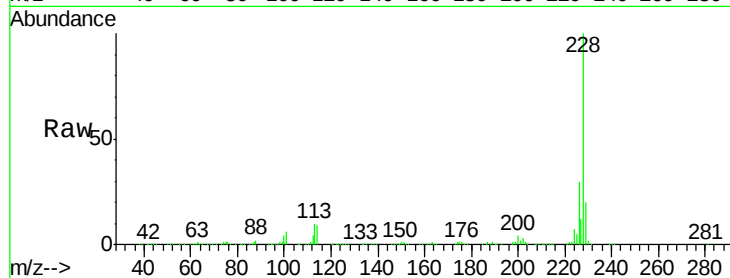




#83
 Chrysene
 Concen: 41.437 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

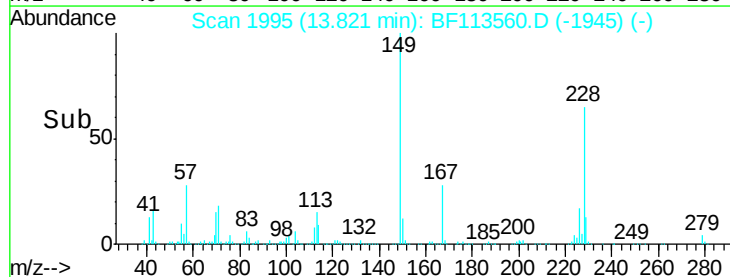
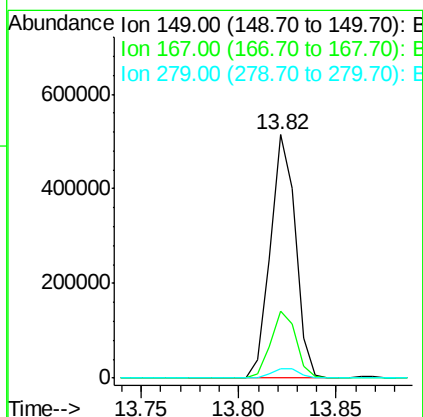
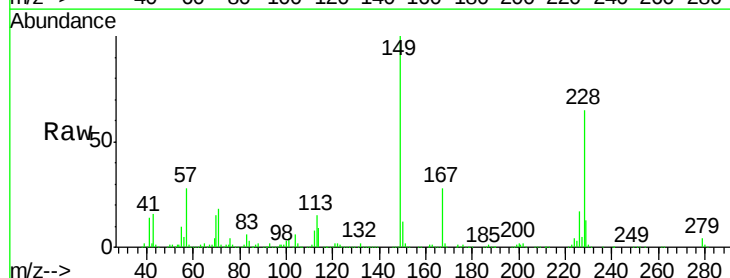
Instrument :
 BNA_F
 ClientSampleID :

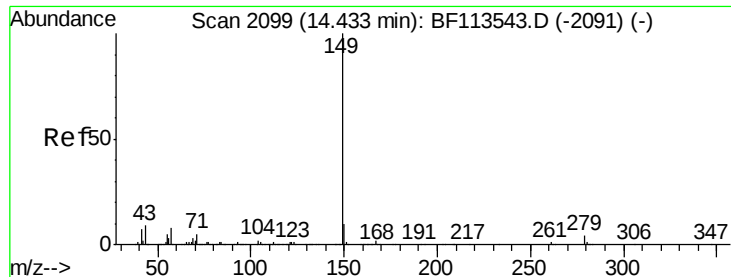
Tot Ion:228 Resp: 728234
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.3 36.5
 229 20.0 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.805 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.01 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

Tgt Ion:149 Resp: 459242
 Ion Ratio Lower Upper
 149 100
 167 27.7 21.8 32.8
 279 3.9 2.9 4.3

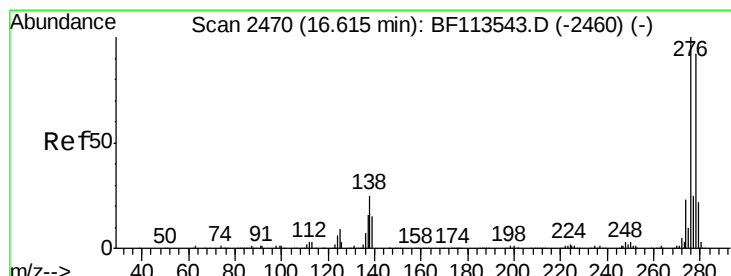
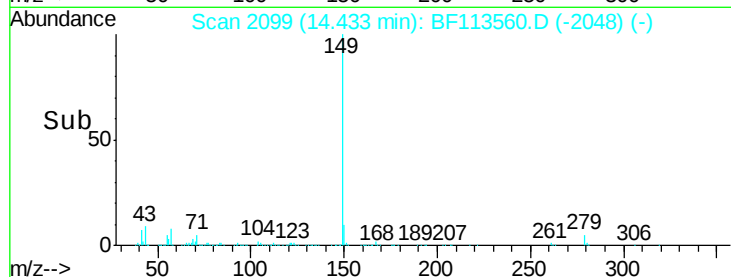
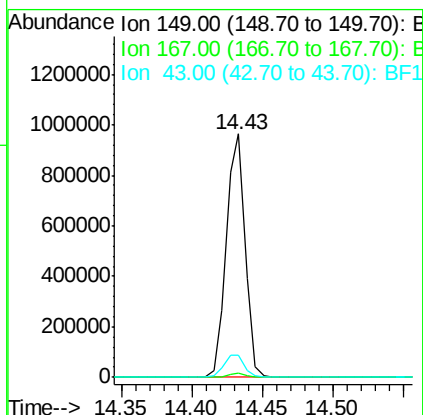
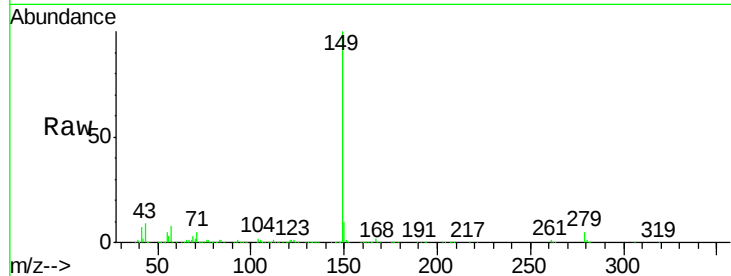




#85
Di-n-octyl phthalate
Concen: 48.691 ng
RT: 14.43 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

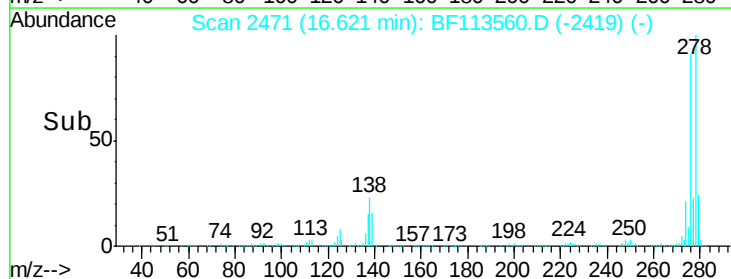
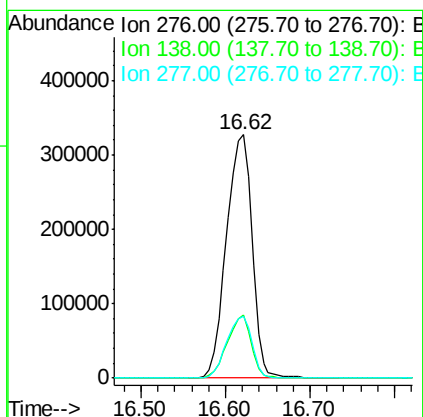
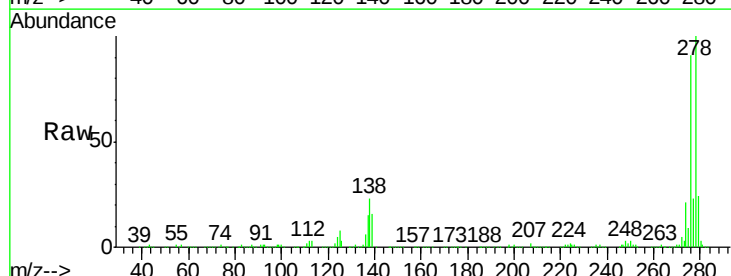
Instrument :
BNA_F
ClientSampleId :

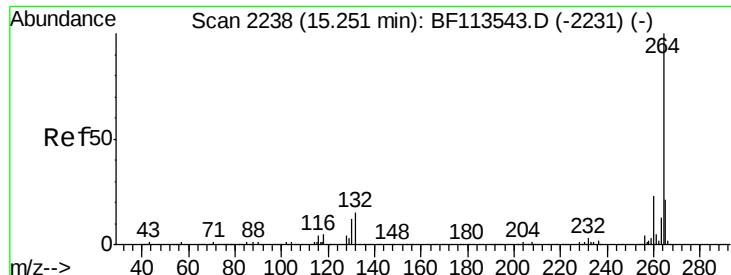
Tot Ion:149 Resp: 890765
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.6 7.7 11.5



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.362 ng
RT: 16.62 min Scan# 2471
Delta R.T. 0.01 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Tgt Ion:276 Resp: 687380
Ion Ratio Lower Upper
276 100
138 24.0 18.1 27.1
277 25.1 20.2 30.4

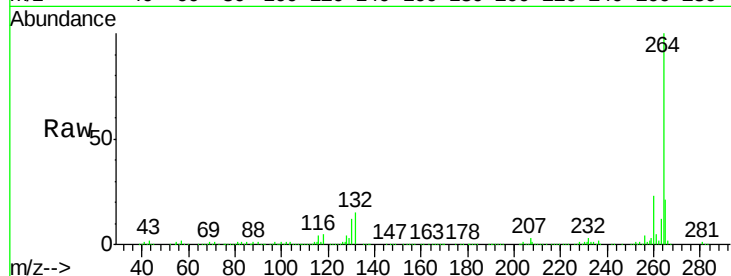




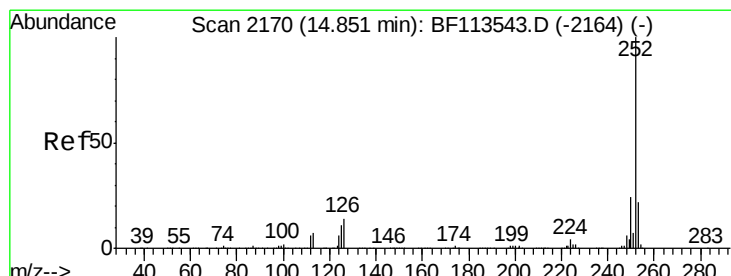
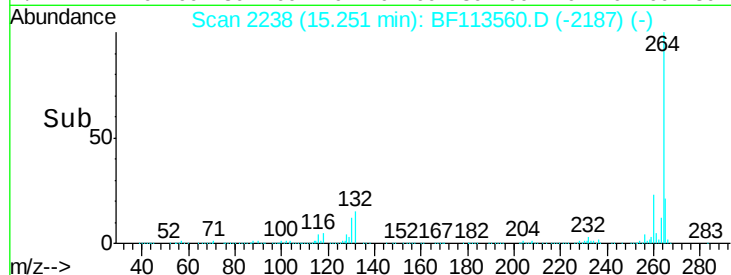
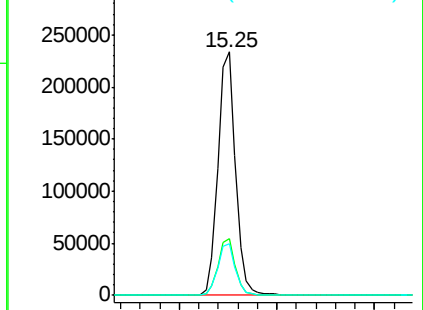
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 292428
Ion Ratio Lower Upper
264 100
260 23.4 19.1 28.7
265 21.2 17.1 25.7

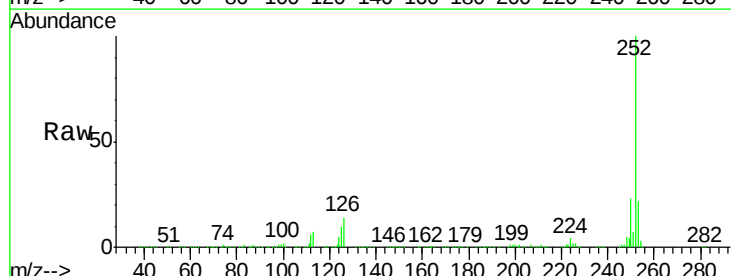


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

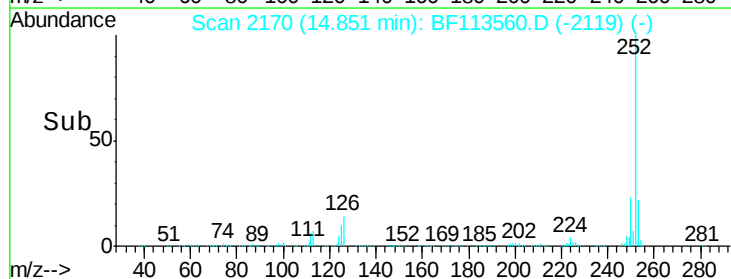
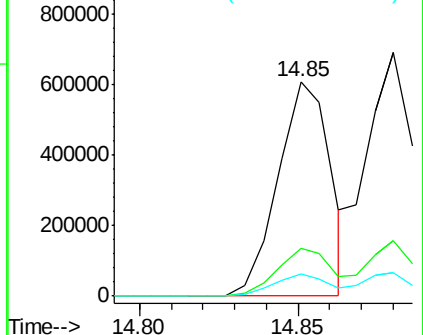


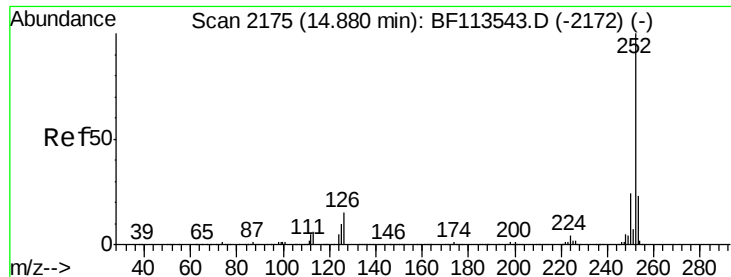
#88
Benzo(b)fluoranthene
Concen: 39.171 ng
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Tgt Ion:252 Resp: 701172
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 10.4 7.6 11.4



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

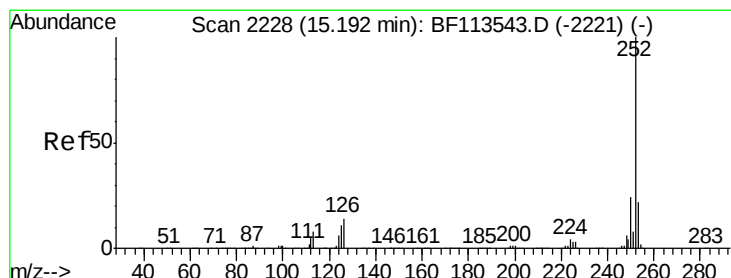
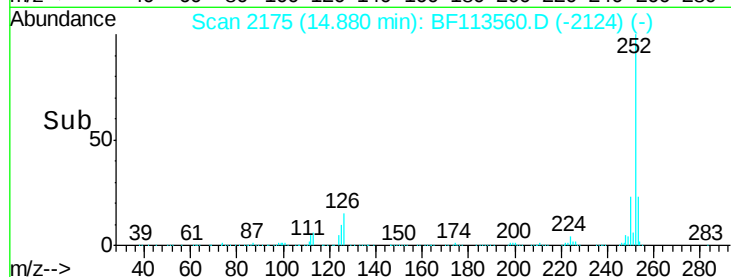
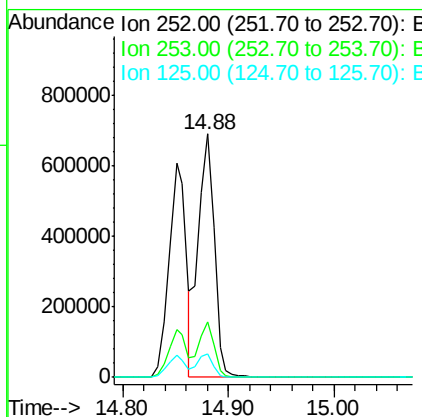
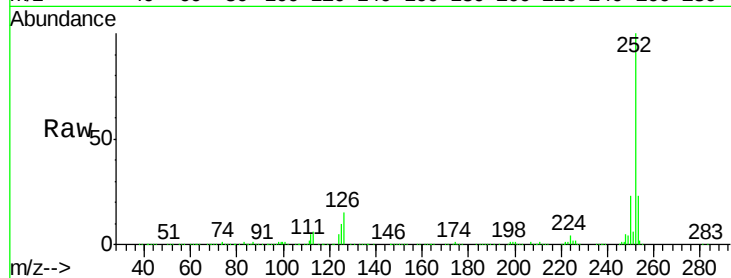




#89
Benzo(k)fluoranthene
Concen: 44.525 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

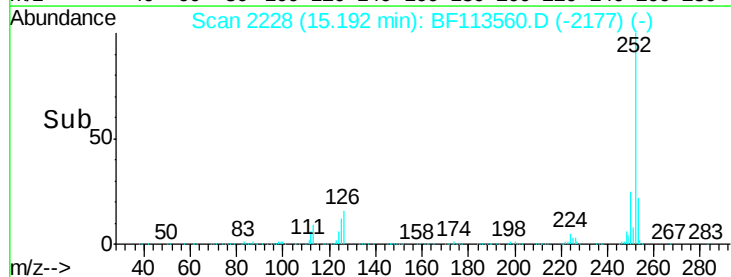
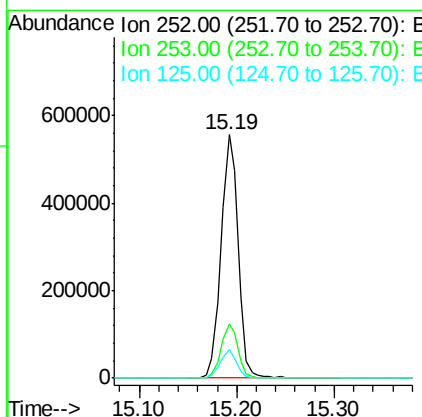
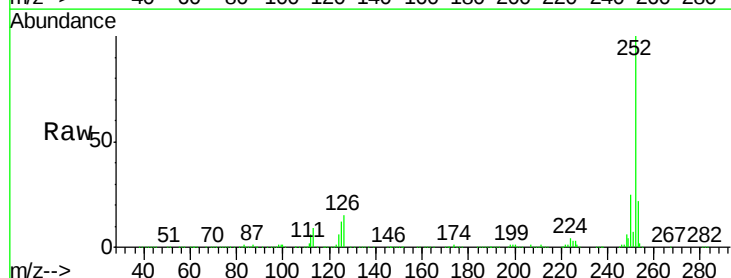
Instrument :
BNA_F
ClientSampleId :

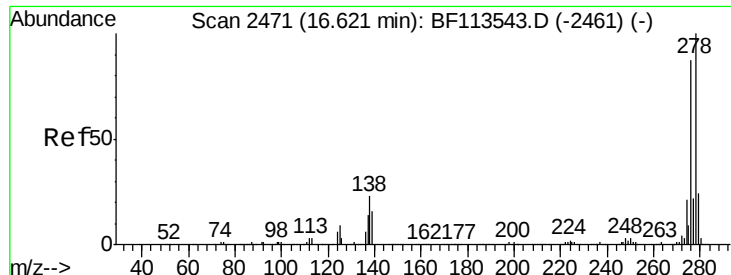
Tot Ion:252 Resp: 715299
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 9.9 7.3 10.9



#90
Benzo(a)pyrene
Concen: 42.376 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.00 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Tgt Ion:252 Resp: 674043
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 11.6 8.8 13.2

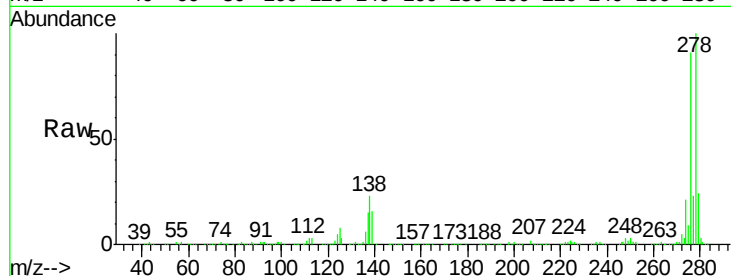




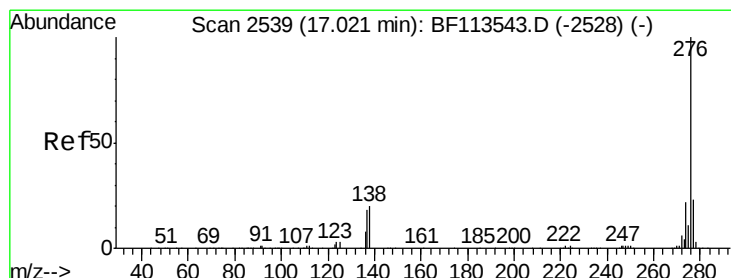
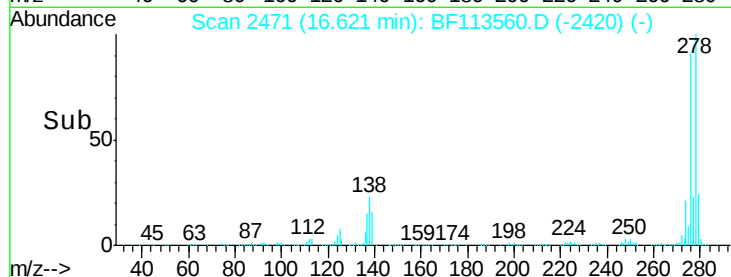
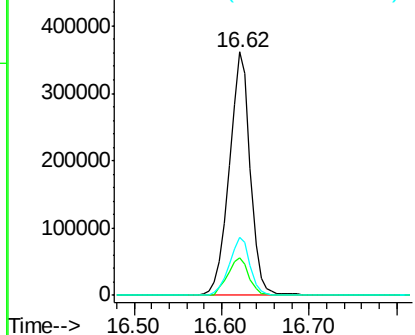
#91
Dibenzo(a,h)anthracene
Concen: 39.790 ng
RT: 16.62 min Scan# 2471
Delta R.T. 0.00 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:278 Resp: 591861
Ion Ratio Lower Upper
278 100
139 15.7 12.0 18.0
279 23.8 19.0 28.6

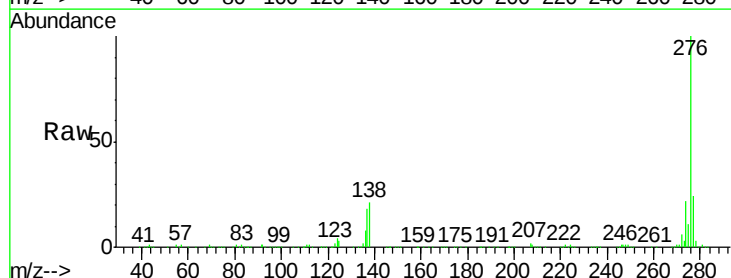


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 36.960 ng
RT: 17.02 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Tgt Ion:276 Resp: 561147
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 20.8 15.6 23.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

