

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041219\
 Data File : BF113742.D
 Acq On : 12 Apr 2019 17:00
 Operator : JU/SJ
 Sample : K2355-04MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 12 23:00:46 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	6.67	152	110874	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	416248	20.00	ng	-0.02
39) Acenaphthene-d10	9.70	164	200705	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	394618	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	269353	20.00	ng	-0.02
87) Perylene-d12	15.23	264	307146	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	683148	105.07	ng	0.00
7) Phenol-d6	6.33	99	766407	95.64	ng	0.00
23) Nitrobenzene-d5	7.24	82	582187	81.93	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	283297	117.50	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1068310	85.69	ng	-0.02
79) Terphenyl-d14	12.76	244	1114130	84.22	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.42	88	104634	33.978	ng	99
3) Pyridine	3.14	79	199916	24.806	ng	97
4) n-Nitrosodimethylamine	3.03	42	118468	34.598	ng	95
6) Aniline	6.36	93	60852	6.265	ng	# 44
8) 2-Chlorophenol	6.47	128	288063	38.292	ng	97
9) Benzaldehyde	6.23	77	118453	24.859	ng	99
10) Phenol	6.35	94	260302	28.440	ng	# 74
11) bis(2-Chloroethyl)ether	6.41	93	278619	39.134	ng	98
12) 1,3-Dichlorobenzene	6.62	146	311964	38.508	ng	97
13) 1,4-Dichlorobenzene	6.69	146	321202	39.235	ng	98
14) 1,2-Dichlorobenzene	6.85	146	298646	40.414	ng	97
15) Benzyl Alcohol	6.83	79	185186	34.176	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	432637	39.040	ng	70
17) 2-Methylphenol	6.96	107	230235	39.492	ng	# 89
18) Hexachloroethane	7.18	117	112693	37.819	ng	94
19) n-Nitroso-di-n-propylamine	7.10	70	203887	41.259	ng	98
20) 3+4-Methylphenols	7.12	107	287765	40.738	ng	# 90
22) Acetophenone	7.09	105	400151	43.770	ng	98
24) Nitrobenzene	7.26	77	299970	40.989	ng	100
25) Isophorone	7.50	82	545225	39.829	ng	100
26) 2-Nitrophenol	7.58	139	159416	40.475	ng	93
27) 2,4-Dimethylphenol	7.63	122	254565	45.209	ng	99
28) bis(2-Chloroethoxy)methane	7.71	93	347065	40.102	ng	99
29) 2,4-Dichlorophenol	7.85	162	255517	42.412	ng	98
30) 1,2,4-Trichlorobenzene	7.90	180	268832	41.090	ng	100
31) Naphthalene	7.97	128	853460	42.317	ng	99
32) Benzoic acid	7.77	122	74079	16.990	ng	98
33) 4-Chloroaniline	8.07	127	30145	3.770	ng	97
34) Hexachlorobutadiene	8.09	225	160093	40.136	ng	99
35) Caprolactam	8.41	113	26980	14.108	ng	98
36) 4-Chloro-3-methylphenol	8.54	107	245138	40.534	ng	98
37) 2-Methylnaphthalene	8.67	142	564490	42.556	ng	99
38) 1-Methylnaphthalene	8.76	142	536930	41.979	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.84	216	274211	42.245	ng	99

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 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	8.82	237	129761	60.969	ng	98
43) 2,4,6-Trichlorophenol	8.96	196	170398	41.588	ng	98
44) 2,4,5-Trichlorophenol	9.02	196	173649	39.477	ng	99
46) 1,1'-Biphenyl	9.13	154	709885	42.862	ng	98
47) 2-Chloronaphthalene	9.16	162	527130	42.037	ng	98
48) 2-Nitroaniline	9.26	65	158125	41.210	ng	99
49) Acenaphthylene	9.57	152	834404	40.920	ng	99
50) Dimethylphthalate	9.43	163	598110	40.427	ng	100
51) 2,6-Dinitrotoluene	9.50	165	133445	40.919	ng	91
52) Acenaphthene	9.74	154	495956	42.490	ng	99
53) 3-Nitroaniline	9.68	138	36310	9.793	ng	90
54) 2,4-Dinitrophenol	9.80	184	82136	53.834	ng	89
55) Dibenzofuran	9.91	168	744498	43.482	ng	98
56) 4-Nitrophenol	9.91	139	410294	178.388	ng	# 15
57) 2,4-Dinitrotoluene	9.92	165	170719	43.284	ng	97
58) Fluorene	10.25	166	584290	43.146	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	166344	43.688	ng	93
60) Diethylphthalate	10.13	149	592086	41.509	ng	99
61) 4-Chlorophenyl-phenylether	10.25	204	289795	43.506	ng	91
62) 4-Nitroaniline	10.29	138	125568	33.304	ng	98
63) Azobenzene	10.40	77	549351	40.675	ng	99
65) 4,6-Dinitro-2-methylphenol	10.33	198	62423	30.047	ng	98
66) n-Nitrosodiphenylamine	10.36	169	516838	42.663	ng	99
67) 4-Bromophenyl-phenylether	10.73	248	181848	41.088	ng	99
68) Hexachlorobenzene	10.80	284	209325	41.277	ng	# 93
69) Atrazine	10.90	200	154529	40.469	ng	97
70) Pentachlorophenol	11.01	266	125832	52.658	ng	97
71) Phenanthrene	11.21	178	820156	41.826	ng	99
72) Anthracene	11.26	178	870281	43.622	ng	100
73) Carbazole	11.43	167	792221	42.457	ng	99
74) Di-n-butylphthalate	11.75	149	920838	41.485	ng	100
75) Fluoranthene	12.40	202	860690	40.961	ng	99
77) Benzidine	12.54	184	39454	3.939	ng	94
78) Pyrene	12.62	202	846096	41.284	ng	99
80) Butylbenzylphthalate	13.24	149	343330	41.154	ng	94
81) Benzo(a)anthracene	13.81	228	614167	39.527	ng	99
82) 3,3'-Dichlorobenzidine	13.77	252	97808	16.343	ng	99
83) Chrysene	13.85	228	642888	40.816	ng	99
84) Bis(2-ethylhexyl)phthalate	13.80	149	445384	44.156	ng	# 98
85) Di-n-octyl phthalate	14.40	149	709088	43.248	ng	99
86) Indeno(1,2,3-cd)pyrene	16.60	276	897922	61.745	ng	99
88) Benzo(b)fluoranthene	14.83	252	691389	36.774	ng	100
89) Benzo(k)fluoranthene	14.86	252	671232	39.780	ng	99
90) Benzo(a)pyrene	15.17	252	700567	41.933	ng	98
91) Dibenzo(a,h)anthracene	16.60	278	754969	48.323	ng	99
92) Benzo(g,h,i)perylene	17.00	276	791665	49.645	ng	98

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

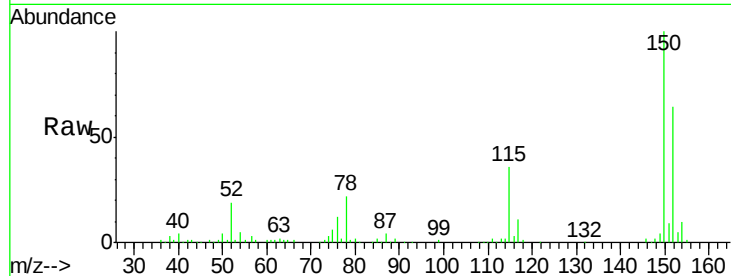


#1

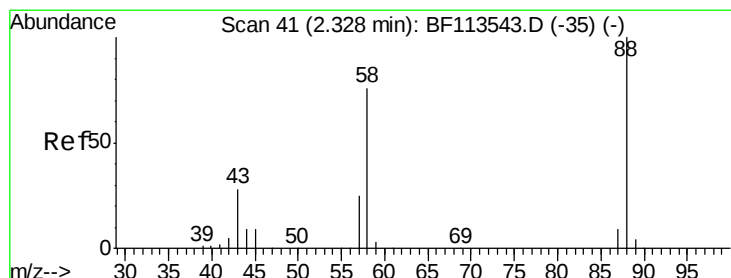
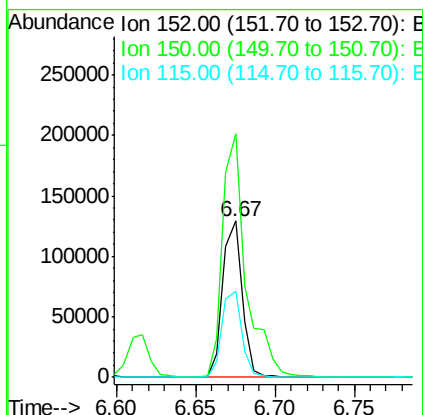
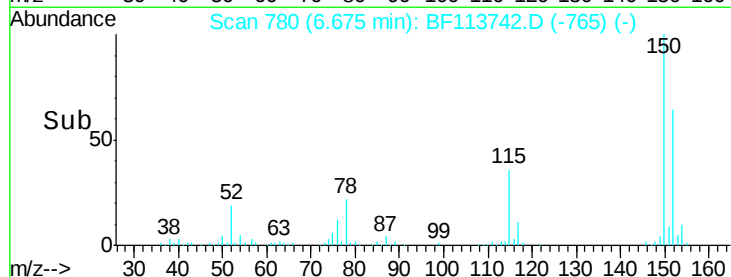
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113742.D
Acq: 12 Apr 2019 17:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 110874
Ion Ratio Lower Upper
152 100
150 155.9 124.7 187.1
115 55.6 46.0 69.0



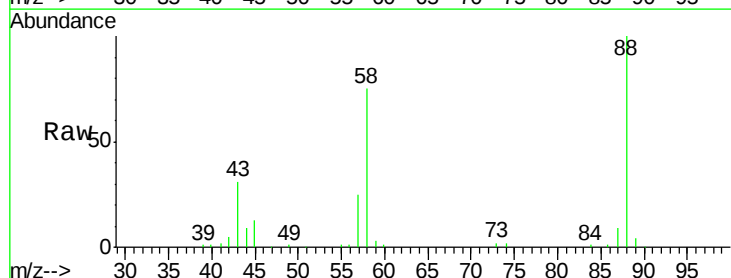
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



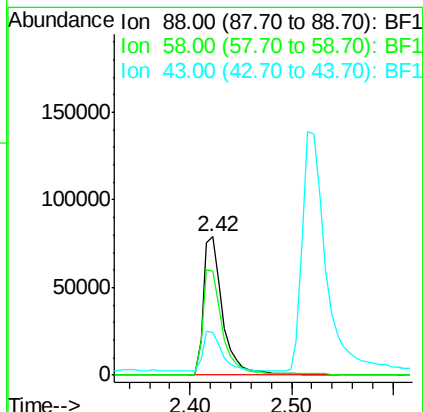
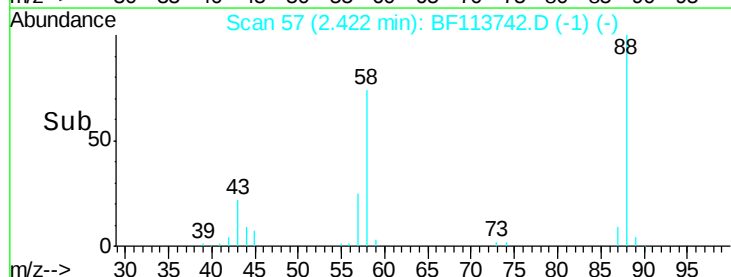
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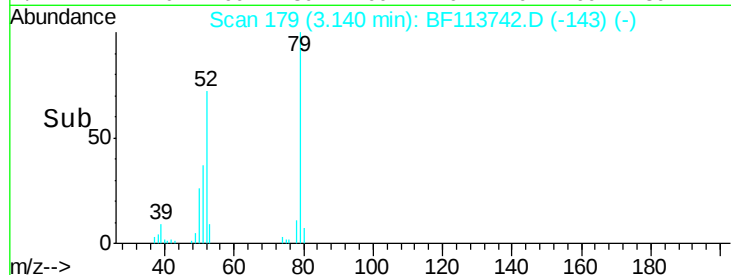
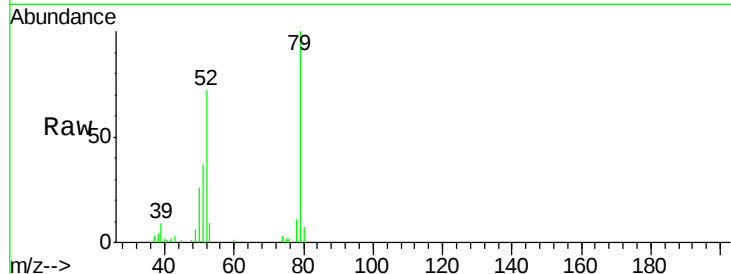
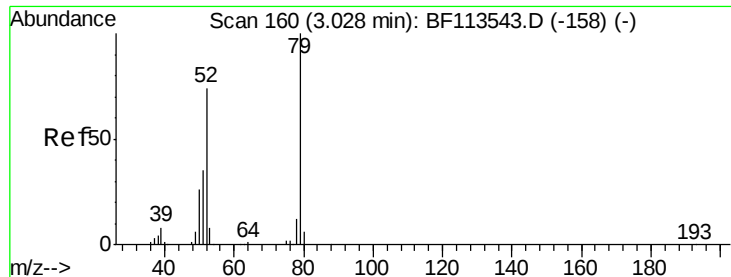
1,4-Dioxane
Concen: 33.978 ng
RT: 2.42 min Scan# 57
Delta R.T. 0.09 min
Lab File: BF113742.D
Acq: 12 Apr 2019 17:00

Tgt Ion: 88 Resp: 104634
Ion Ratio Lower Upper
88 100
58 77.4 61.9 92.9
43 28.4 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

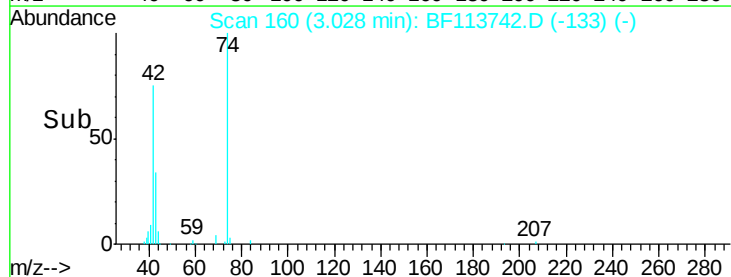
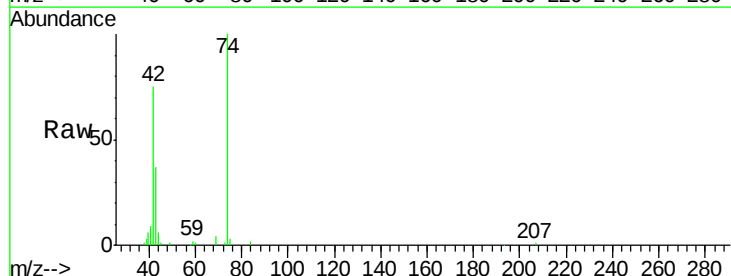
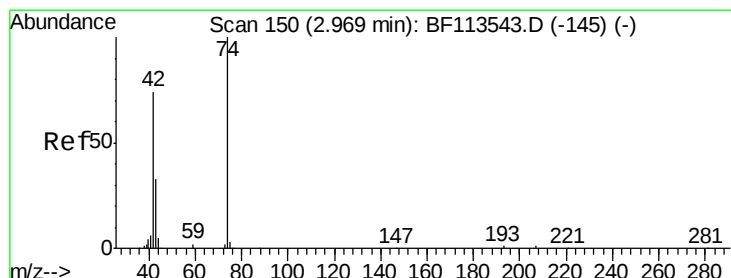
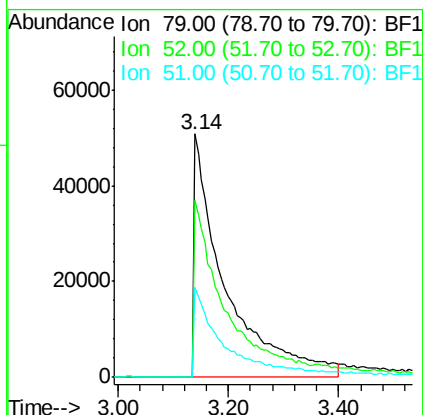




#3
 Pvridine
 Concen: 24.806 ng
 RT: 3.14 min Scan# 179
 Delta R.T. 0.11 min
 Lab File: BF113742.D
 Acq: 12 Apr 2019 17:00

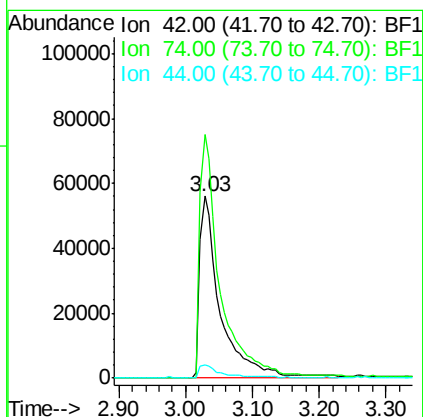
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
79	100		
52	72.5	61.0	91.4
51	37.2	30.6	45.8



#4
 n-Nitrosodimethylamine
 Concen: 34.598 ng
 RT: 3.03 min Scan# 160
 Delta R.T. 0.06 min
 Lab File: BF113742.D
 Acq: 12 Apr 2019 17:00

Tgt Ion	Ratio	Lower	Upper
42	100		
74	133.8	102.4	153.6
44	7.4	5.5	8.3





#5

2-Fluorophenol

Concen: 105.067 ng

RT: 5.30 min Scan# 547

Delta R.T. 0.01 min

Lab File: BF113742.D

Acq: 12 Apr 2019 17:00

Instrument :

BNA_F

ClientSampleId :

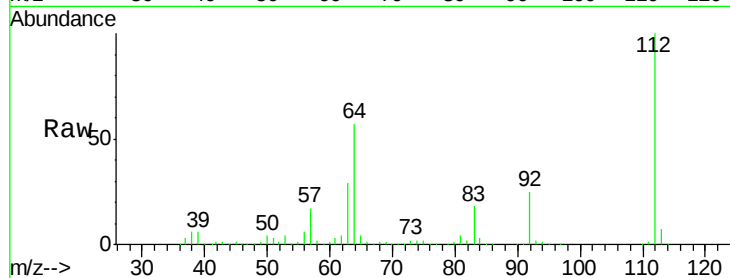
Tot Ion:112 Resp: 683148

Ion Ratio Lower Upper

112 100

64 56.7 49.2 73.8

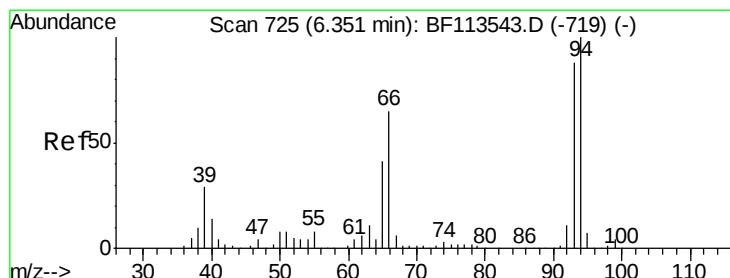
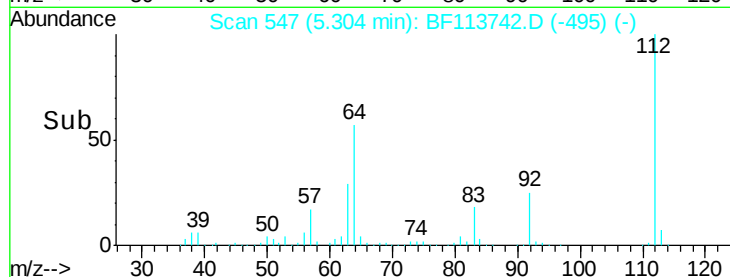
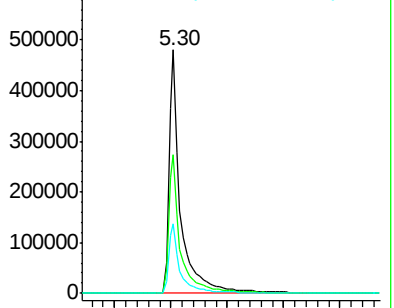
63 28.6 24.9 37.3



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: 6.265 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF113742.D

Acq: 12 Apr 2019 17:00

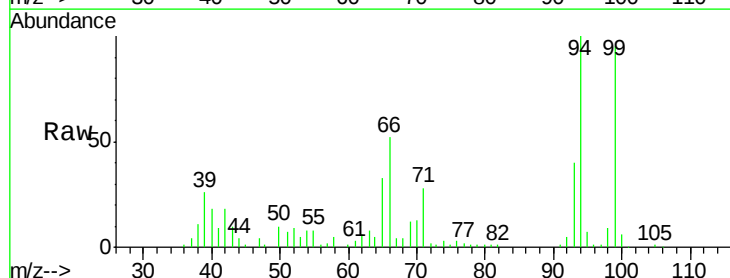
Tgt Ion: 93 Resp: 60852

Ion Ratio Lower Upper

93 100

66 129.0 62.1 93.1#

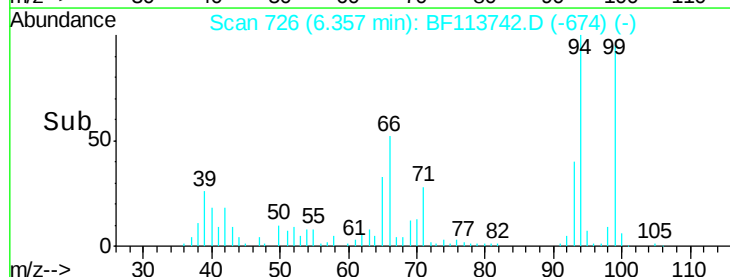
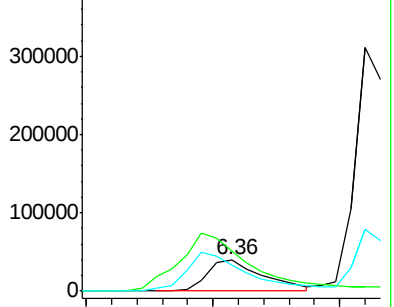
65 82.8 38.7 58.1#

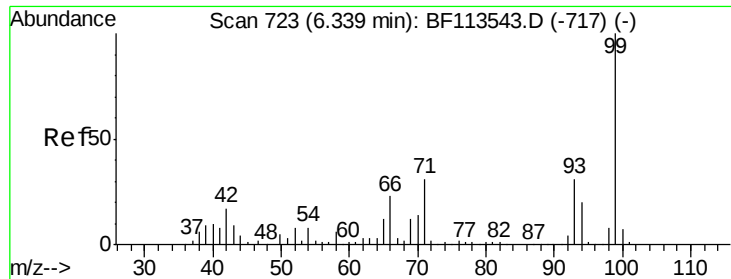


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 95.636 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113742.D

Acq: 12 Apr 2019 17:00

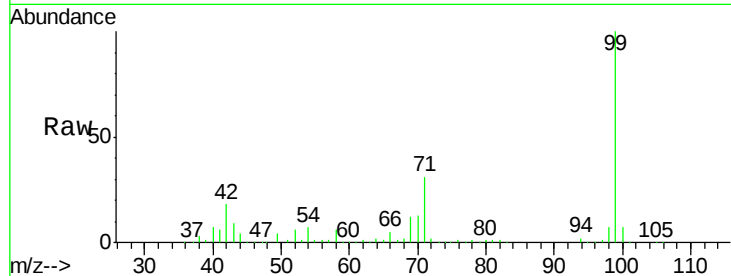
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 766407

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.8	22.2
71	30.9	24.9	37.3

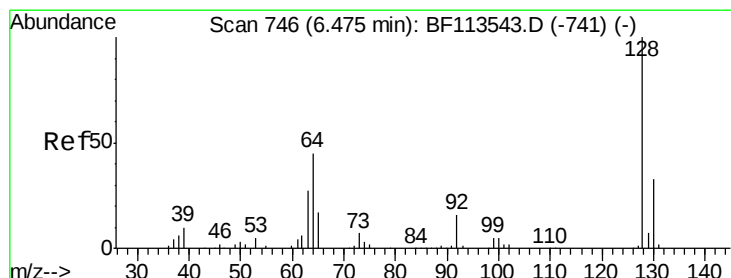
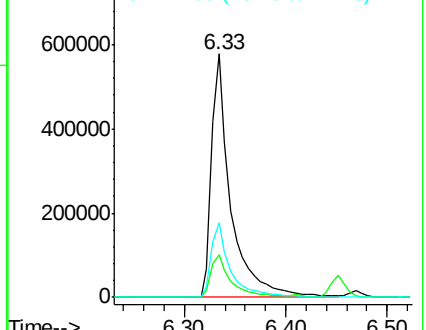
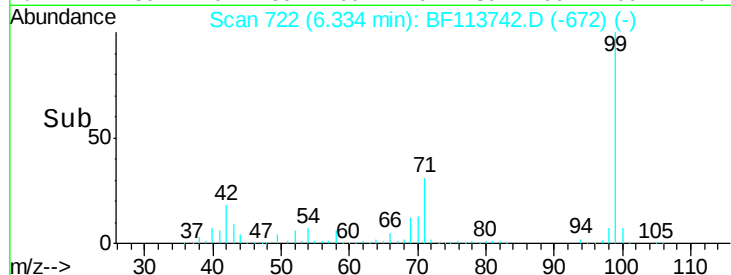


Abundance

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: 38.292 ng

RT: 6.47 min Scan# 745

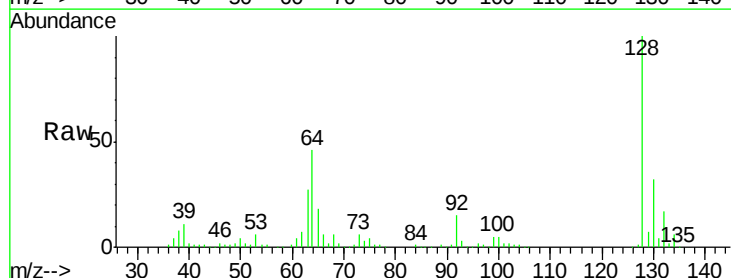
Delta R.T. -0.01 min

Lab File: BF113742.D

Acq: 12 Apr 2019 17:00

Tgt Ion: 128 Resp: 288063

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.6	52.6
64	45.7	29.4	69.4

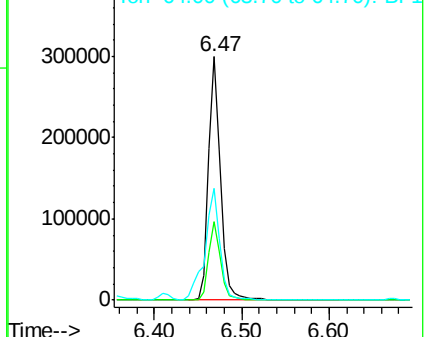
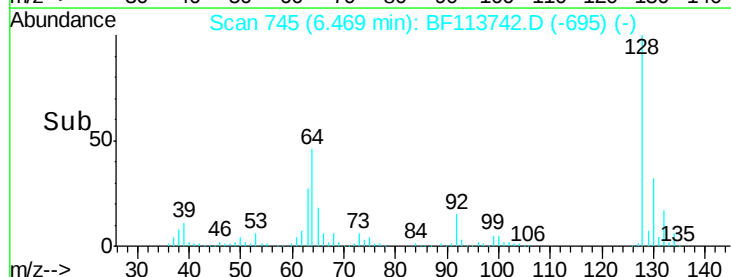


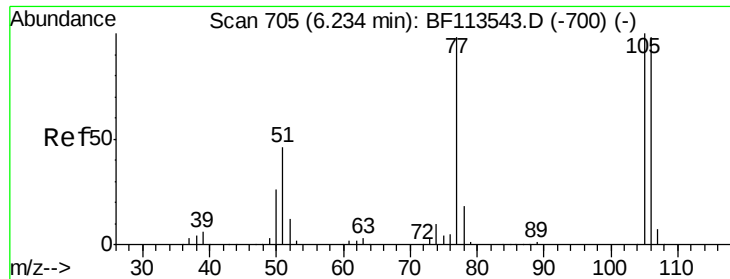
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

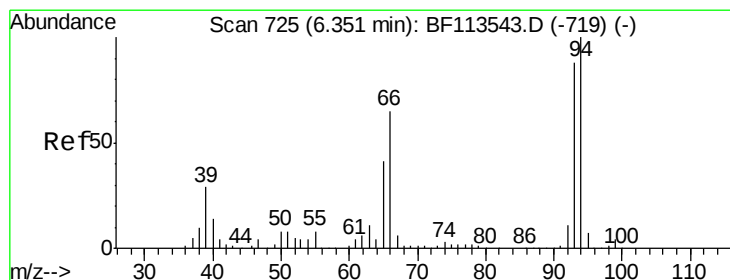
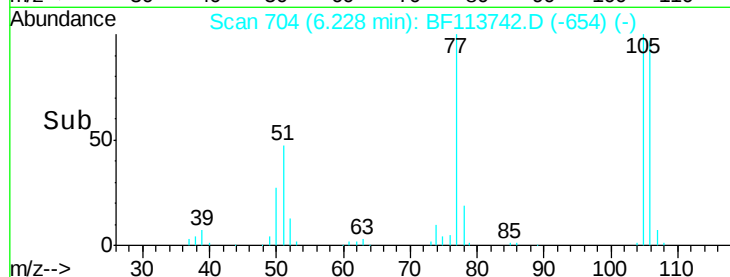
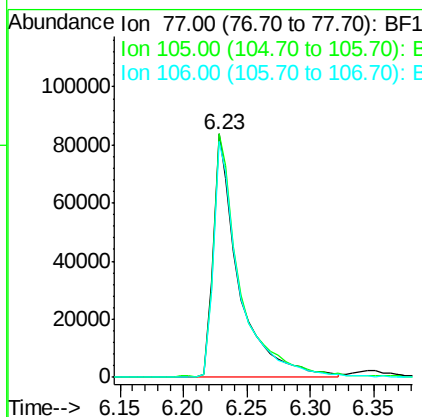
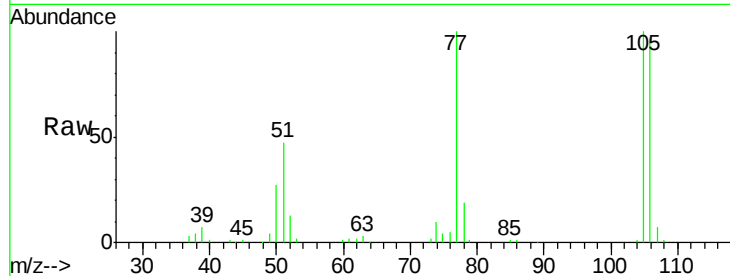




#9
Benzaldehyde
Concen: 24.859 ng
RT: 6.23 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF113742.D
Acq: 12 Apr 2019 17:00

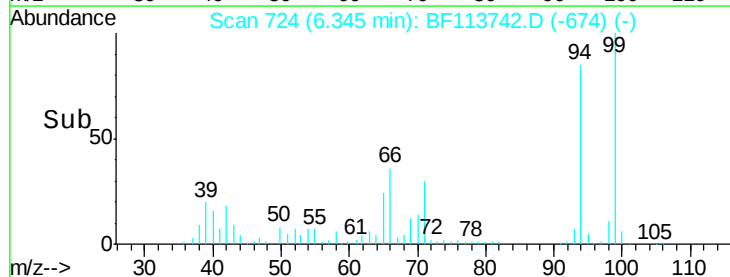
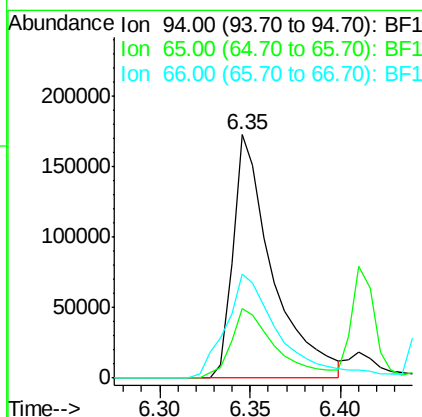
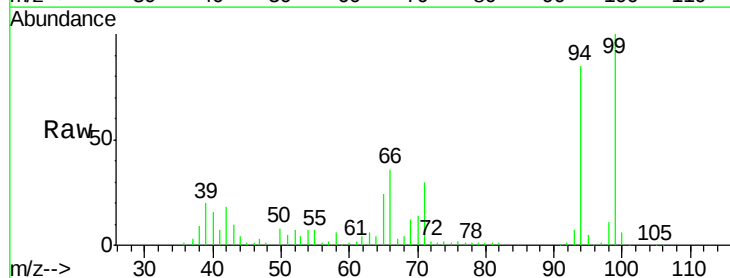
Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 118453
Ion Ratio Lower Upper
77 100
105 100.0 80.9 120.9
106 96.8 77.8 117.8



#10
Phenol
Concen: 28.440 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF113742.D
Acq: 12 Apr 2019 17:00

Tgt Ion: 94 Resp: 260302
Ion Ratio Lower Upper
94 100
65 28.6 21.4 61.4
66 42.7 46.4 86.4#





#11

bis(2-Chloroethyl)ether

Concen: 39.134 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF113742.D

Acq: 12 Apr 2019 17:00

Instrument :

BNA_F

ClientSampleId :

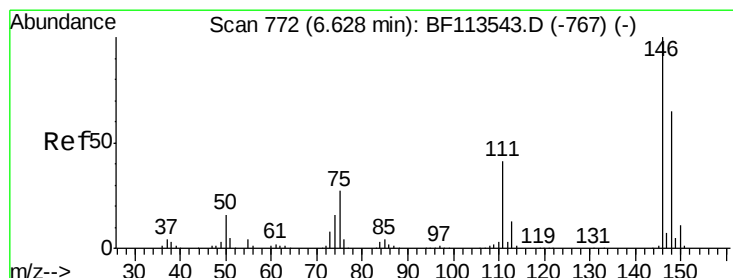
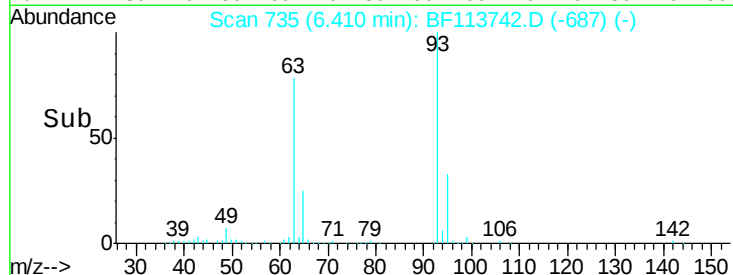
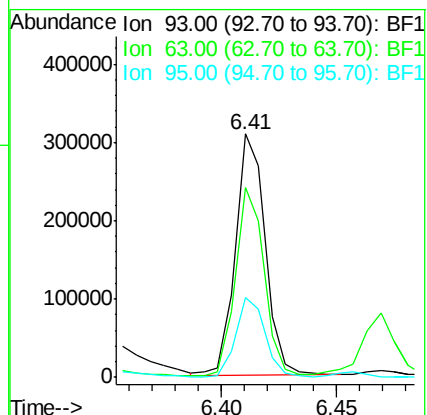
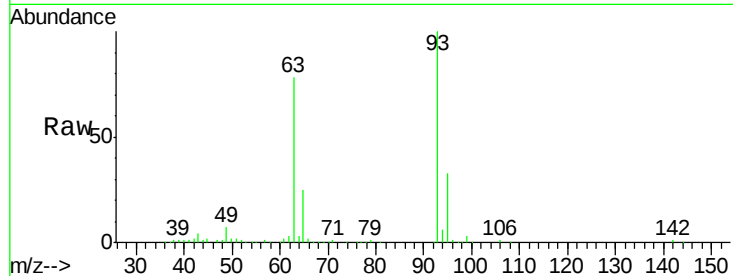
Tot Ion: 93 Resp: 278619

Ion Ratio Lower Upper

93 100

63 78.2 56.1 96.1

95 32.7 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 38.508 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF113742.D

Acq: 12 Apr 2019 17:00

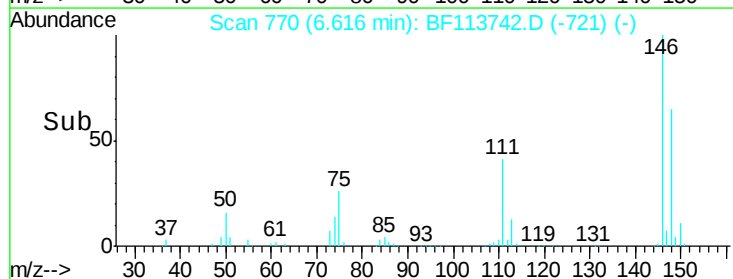
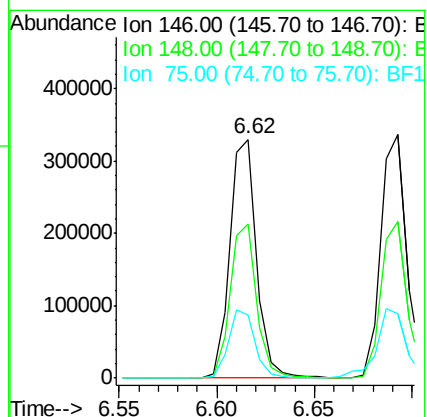
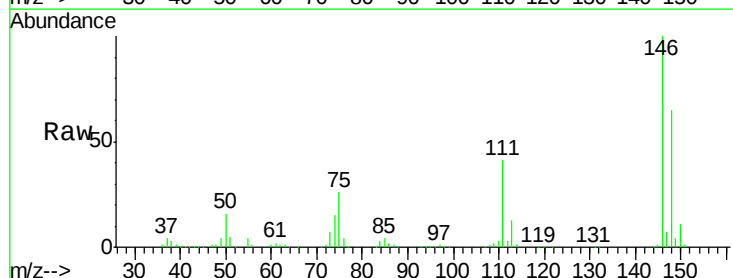
Tgt Ion: 146 Resp: 311964

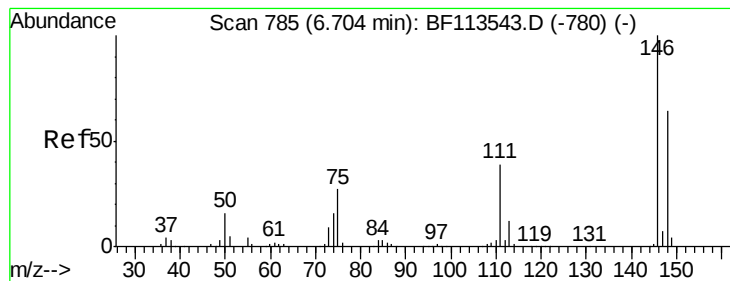
Ion Ratio Lower Upper

146 100

148 64.6 51.4 77.0

75 26.3 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 39.235 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.01 min

Lab File: BF113742.D

Acq: 12 Apr 2019 17:00

Instrument :

BNA_F

ClientSampleId :

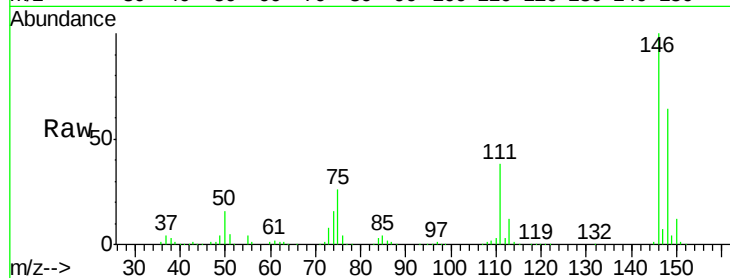
Tot Ion:146 Resp: 321202

Ion Ratio Lower Upper

146 100

148 64.5 51.1 76.7

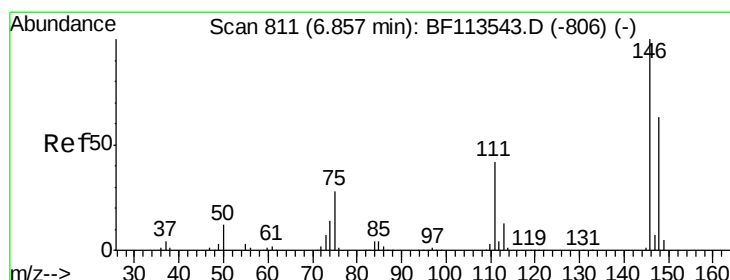
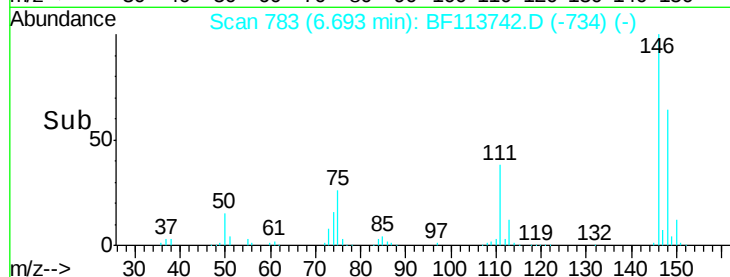
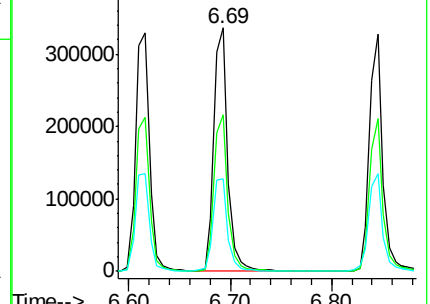
111 38.2 32.8 49.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.414 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF113742.D

Acq: 12 Apr 2019 17:00

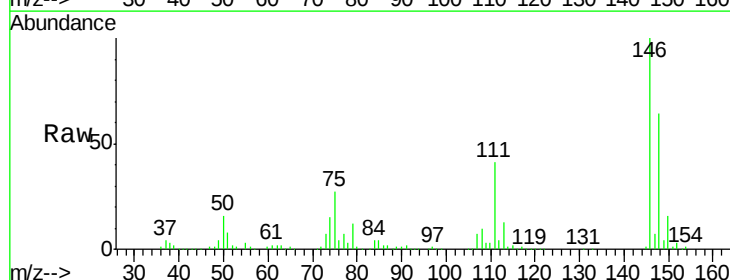
Tgt Ion:146 Resp: 298646

Ion Ratio Lower Upper

146 100

148 64.2 50.2 75.4

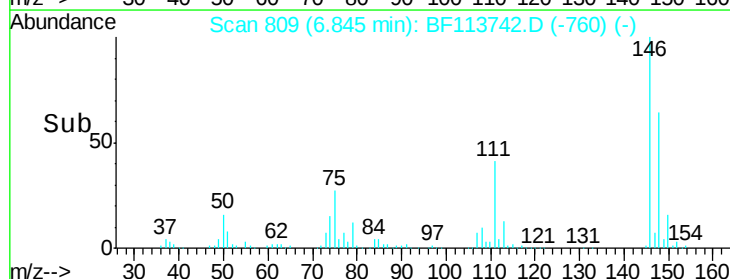
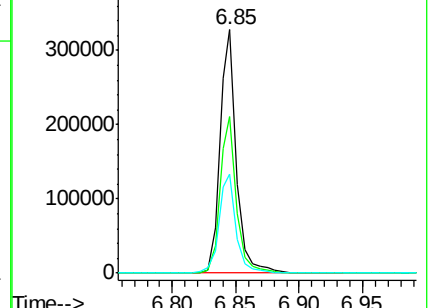
111 40.9 35.4 53.2

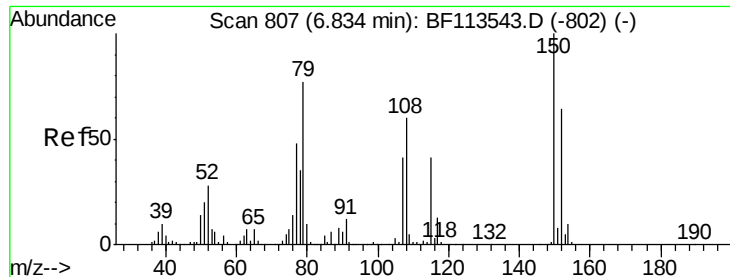


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.176 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF113742.D

Acq: 12 Apr 2019 17:00

Instrument :

BNA_F

ClientSampled :

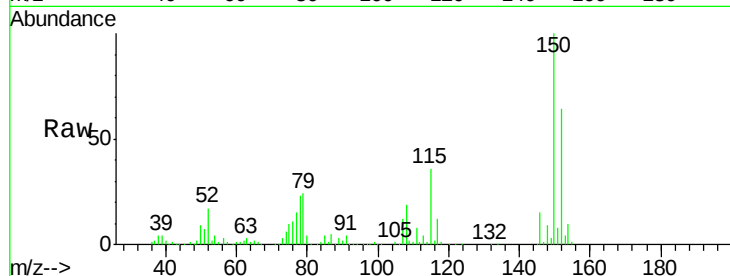
Tot Ion: 79 Resp: 185186

Ion Ratio Lower Upper

79 100

108 77.6 62.0 93.0

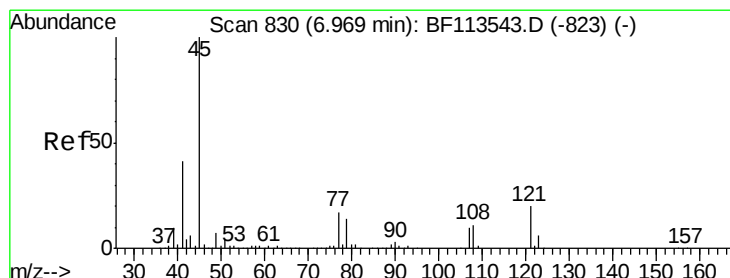
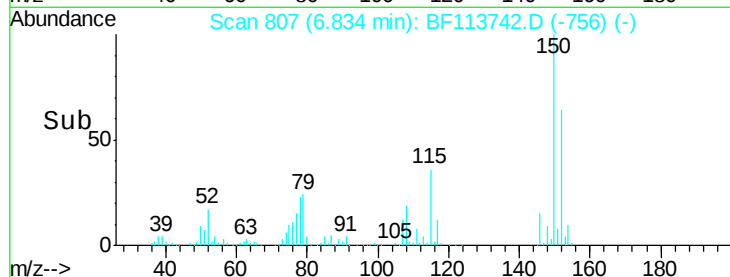
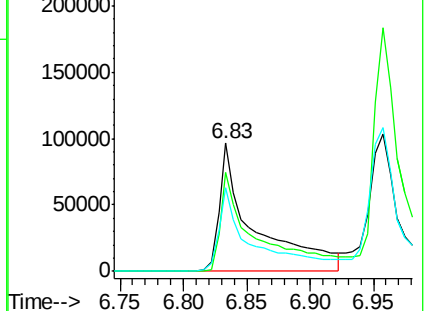
77 64.9 49.9 74.9



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.040 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.02 min

Lab File: BF113742.D

Acq: 12 Apr 2019 17:00

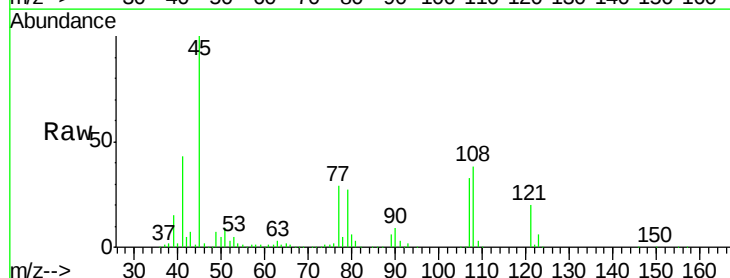
Tgt Ion: 45 Resp: 432637

Ion Ratio Lower Upper

45 100

77 29.0 0.0 36.6

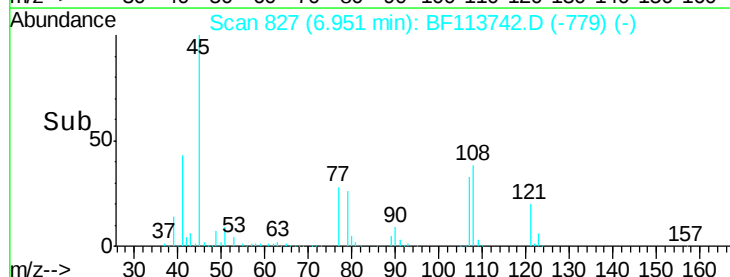
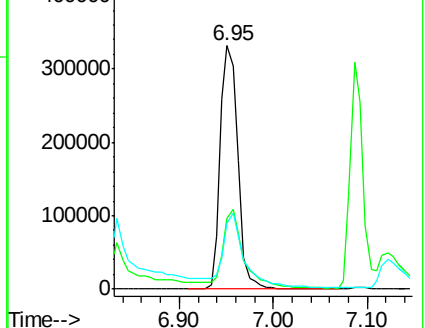
79 26.9 0.0 34.0

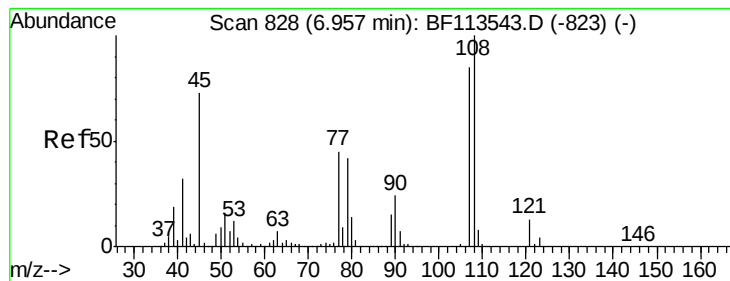


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 39.492 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF113742.D

Acq: 12 Apr 2019 17:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 230235

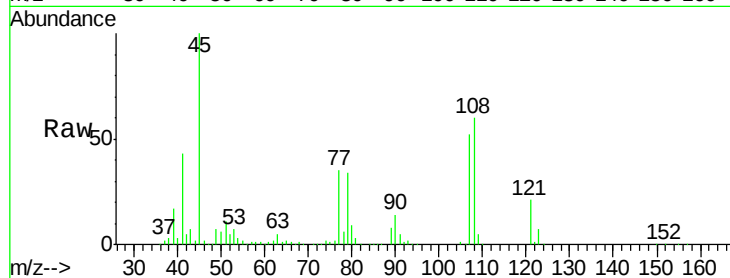
Ion Ratio Lower Upper

107 100

108 116.8 93.4 140.0

77 68.8 41.2 61.8#

79 66.0 40.1 60.1#

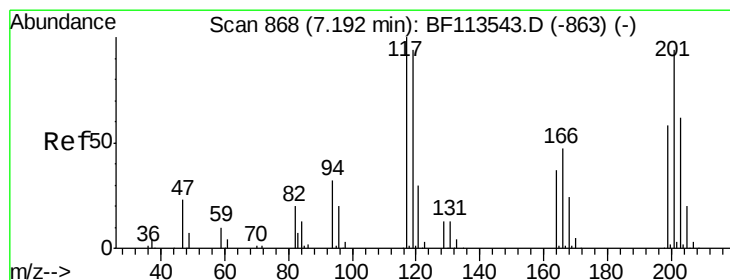
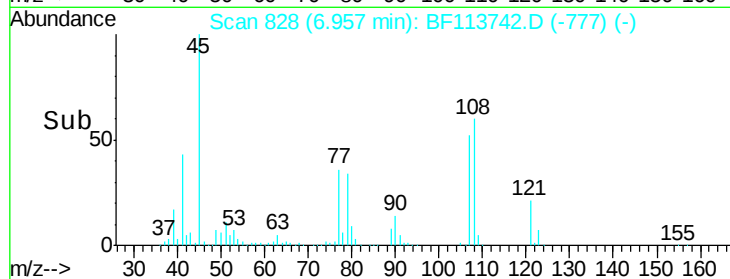
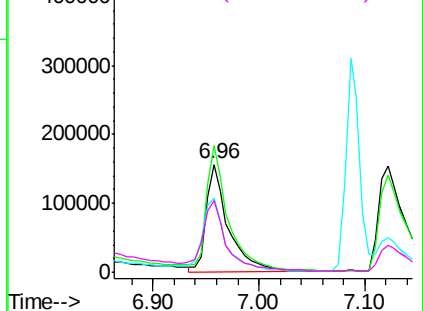


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.819 ng

RT: 7.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF113742.D

Acq: 12 Apr 2019 17:00

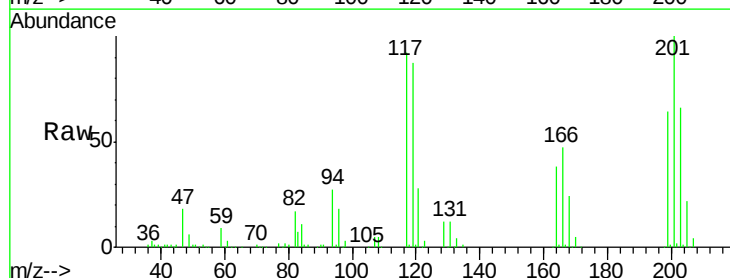
Tgt Ion:117 Resp: 112693

Ion Ratio Lower Upper

117 100

119 94.7 76.9 115.3

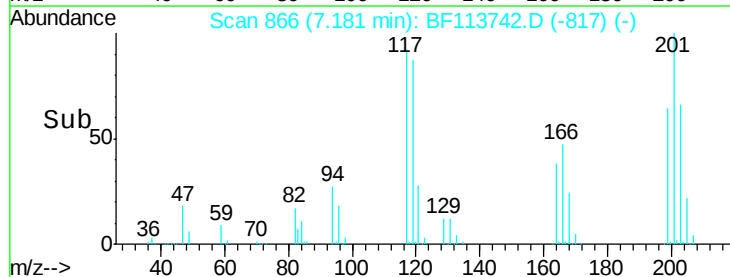
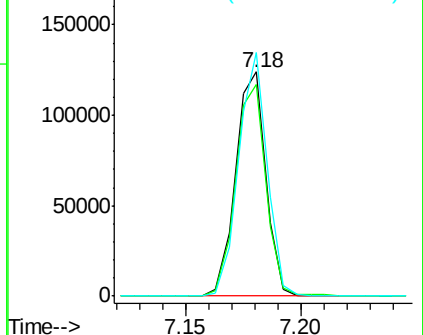
201 108.7 78.7 118.1

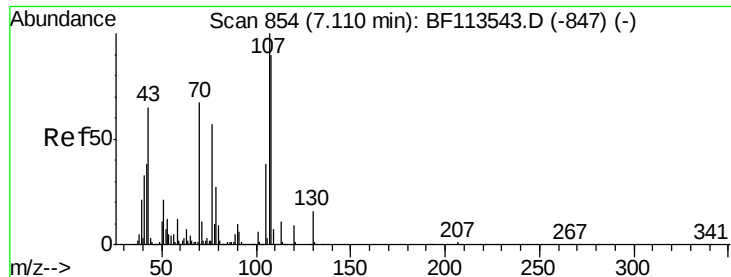


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

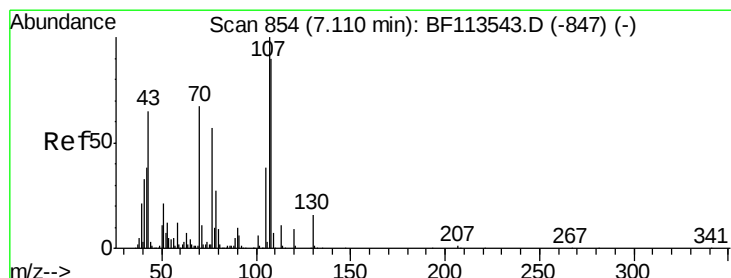
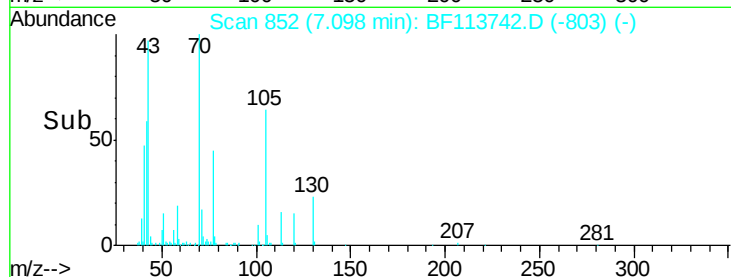
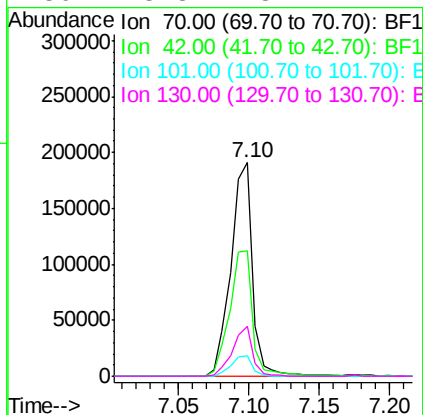
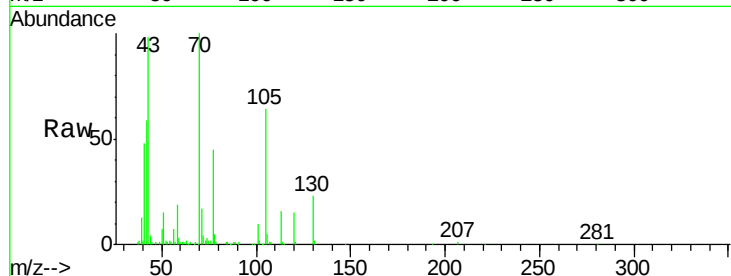




#19
n-Nitroso-di-n-propylamine
Concen: 41.259 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF113742.D
Acq: 12 Apr 2019 17:00

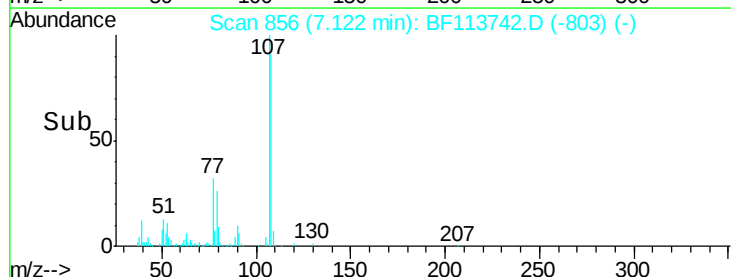
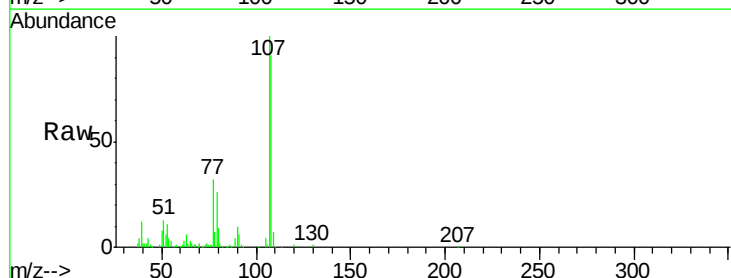
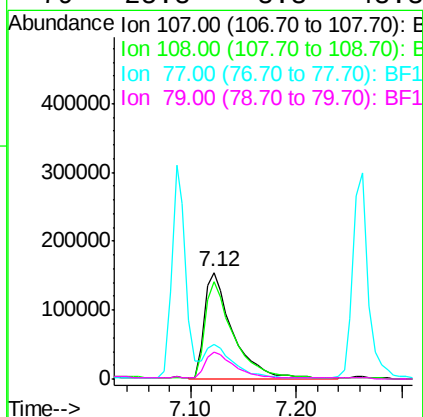
Instrument :
BNA_F
ClientSampled :

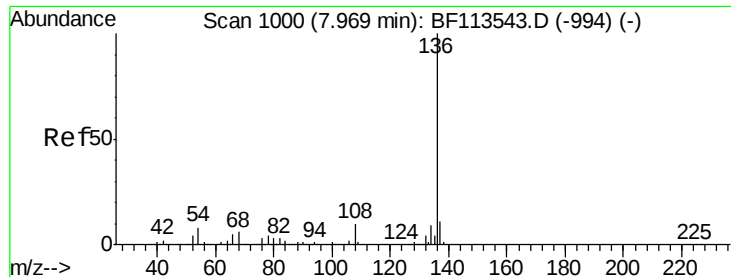
Tot Ion	Ratio	Lower	Upper
70	100		
42	58.9	48.4	72.6
101	9.7	7.8	11.8
130	23.3	18.2	27.4



#20
3+4-Methylphenols
Concen: 40.738 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF113742.D
Acq: 12 Apr 2019 17:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.7	71.4	111.4
77	32.4	33.5	73.5#
79	25.8	8.3	48.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.02 min

Lab File: BF113742.D

Acq: 12 Apr 2019 17:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 416248

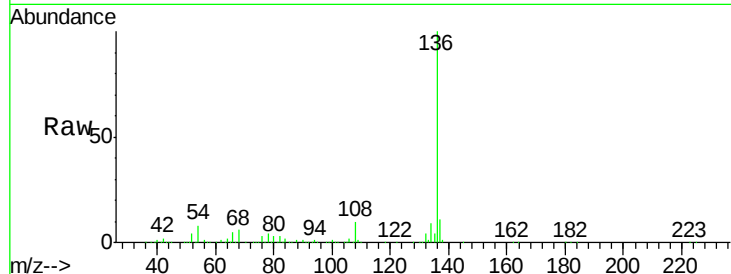
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 8.2 7.0 10.6

68 6.1 4.8 7.2

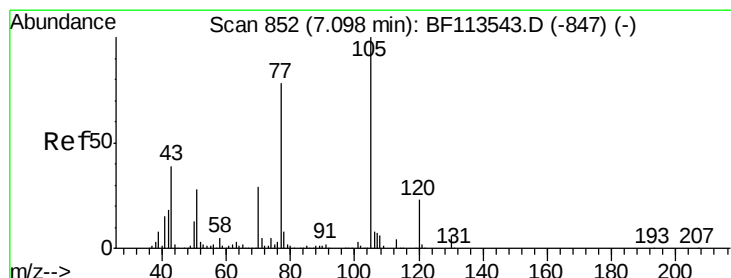
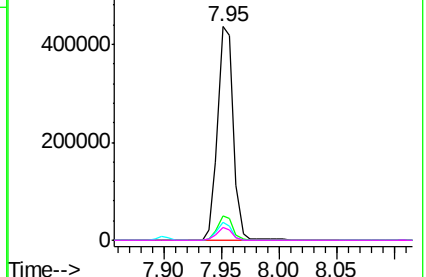
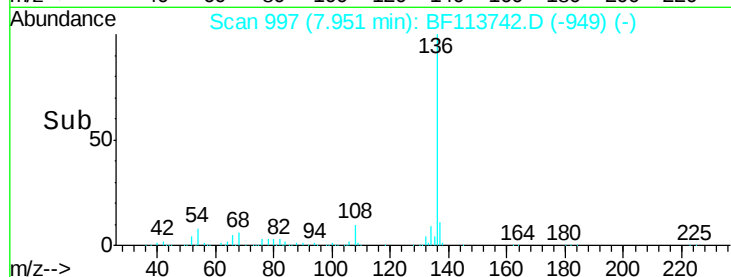


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.770 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF113742.D

Acq: 12 Apr 2019 17:00

Tgt Ion:105 Resp: 400151

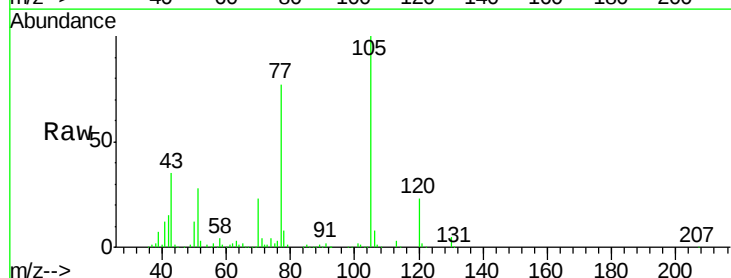
Ion Ratio Lower Upper

105 100

71 3.8 3.3 4.9

51 28.2 24.2 36.2

120 23.1 18.1 27.1

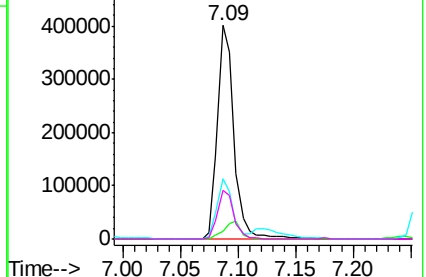
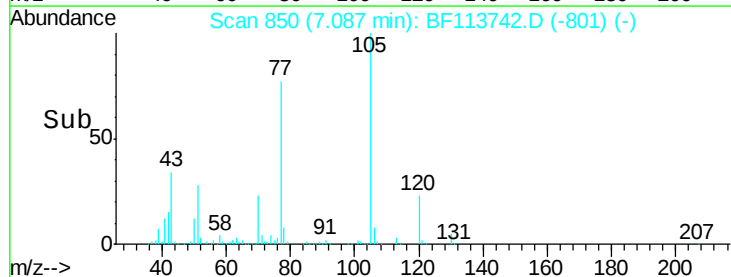


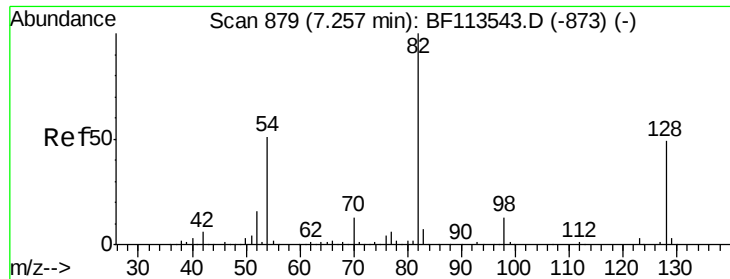
Abundance Ion 105.00 (104.70 to 105.70): E

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

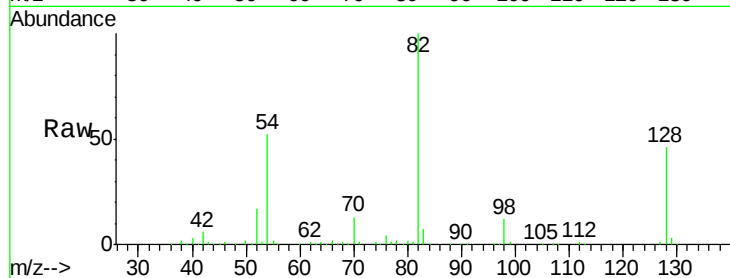




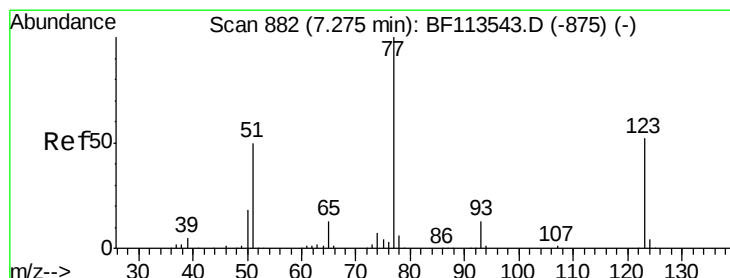
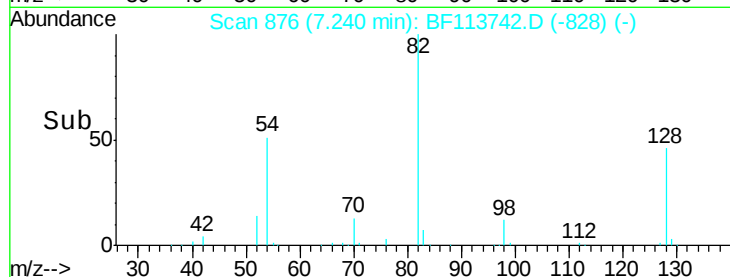
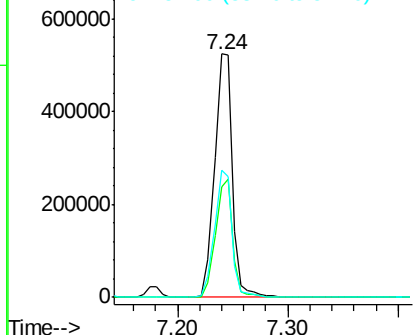
#23
Nitrobenzene-d5
Concen: 81.927 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF113742.D
Acq: 12 Apr 2019 17:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 582187
Ion Ratio Lower Upper
82 100
128 45.6 36.5 54.7
54 52.0 42.2 63.2

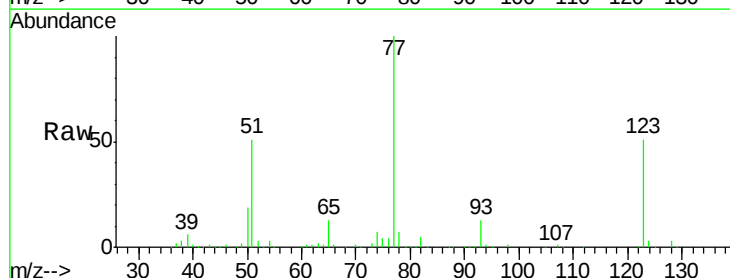


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

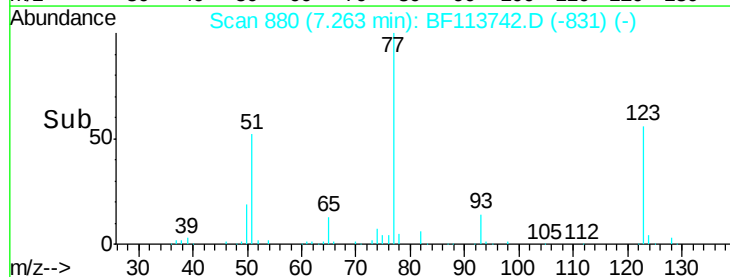
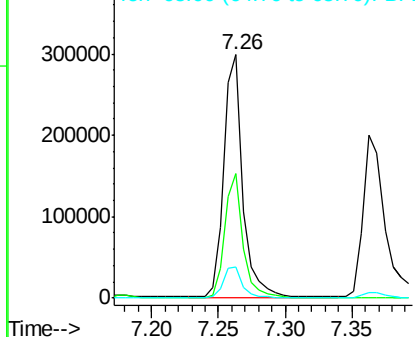


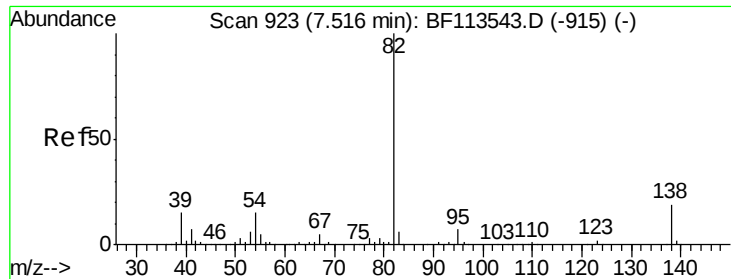
#24
Nitrobenzene
Concen: 40.989 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF113742.D
Acq: 12 Apr 2019 17:00

Tgt Ion: 77 Resp: 299970
Ion Ratio Lower Upper
77 100
123 51.2 40.8 61.2
65 13.0 10.6 16.0



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





#25

Isophorone

Concen: 39.829 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF113742.D

Acq: 12 Apr 2019 17:00

Instrument :

BNA_F

ClientSampleId :

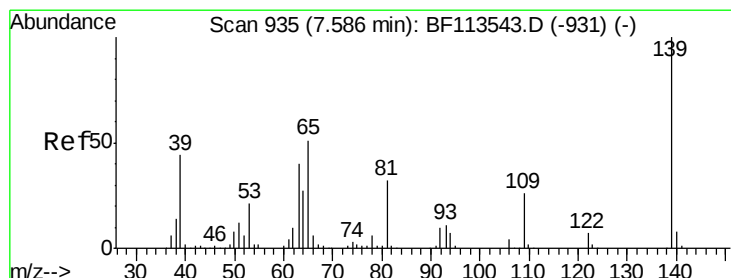
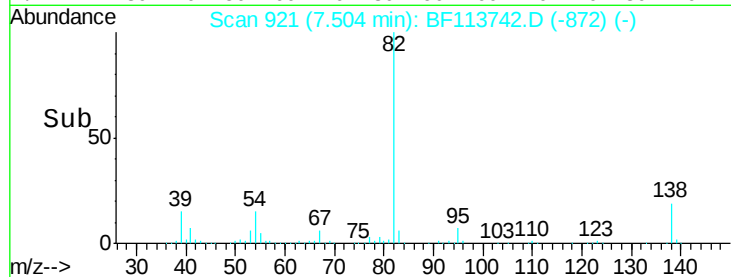
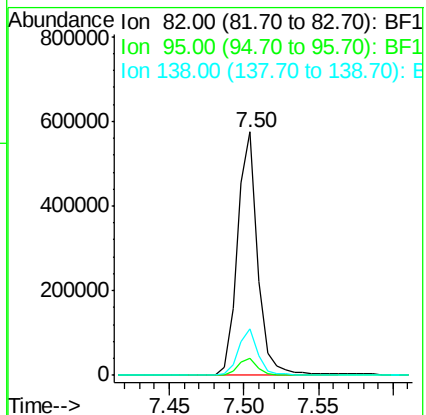
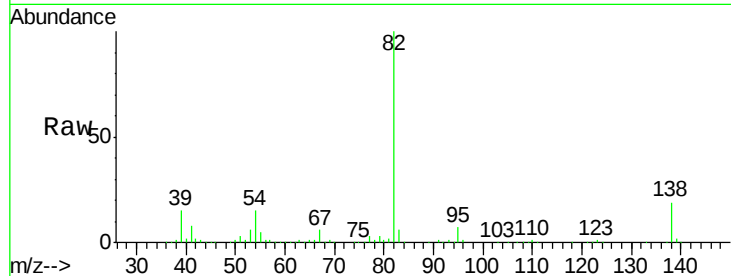
Tot Ion: 82 Resp: 545225

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

138 19.1 15.2 22.8



#26

2-Nitrophenol

Concen: 40.475 ng

RT: 7.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF113742.D

Acq: 12 Apr 2019 17:00

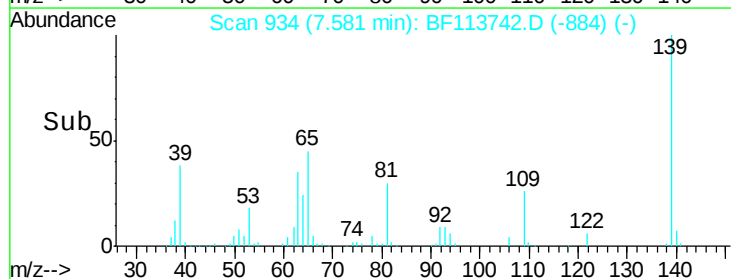
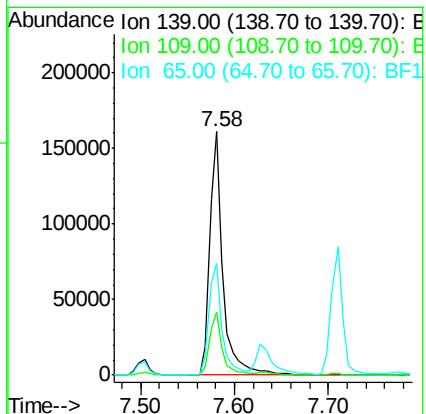
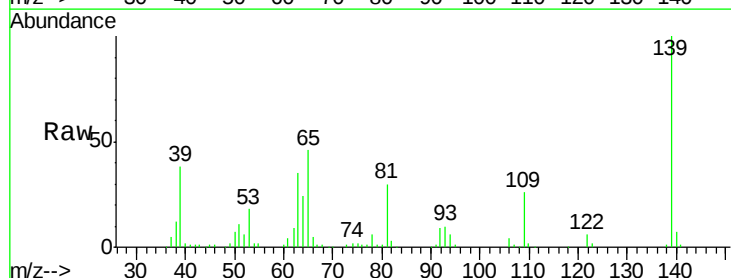
Tgt Ion: 139 Resp: 159416

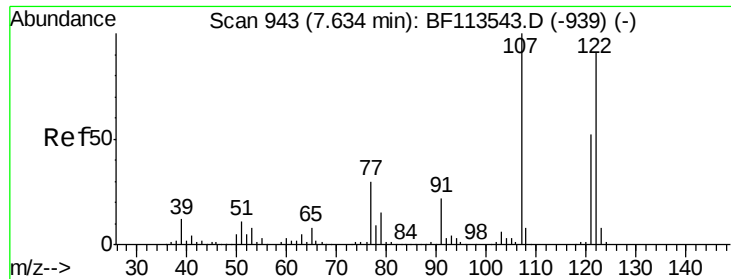
Ion Ratio Lower Upper

139 100

109 25.7 21.7 32.5

65 45.7 41.6 62.4





#27

2,4-Dimethylphenol

Concen: 45.209 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF113742.D

Acq: 12 Apr 2019 17:00

Instrument :

BNA_F

ClientSampleId :

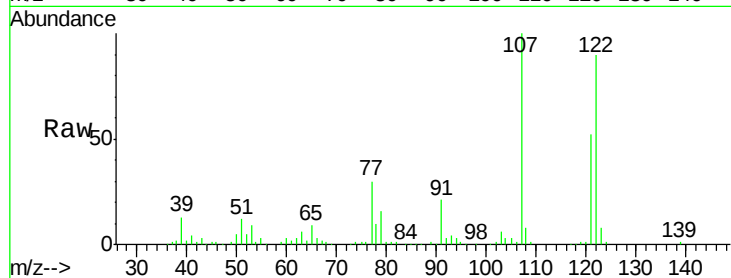
Tot Ion:122 Resp: 254565

Ion Ratio Lower Upper

122 100

107 111.6 88.8 133.2

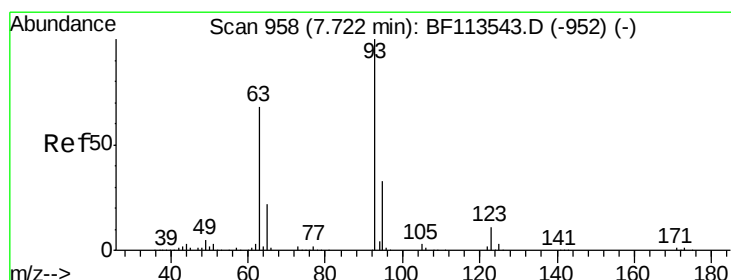
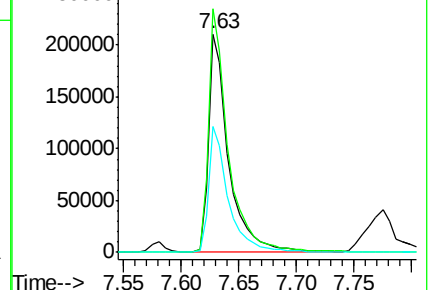
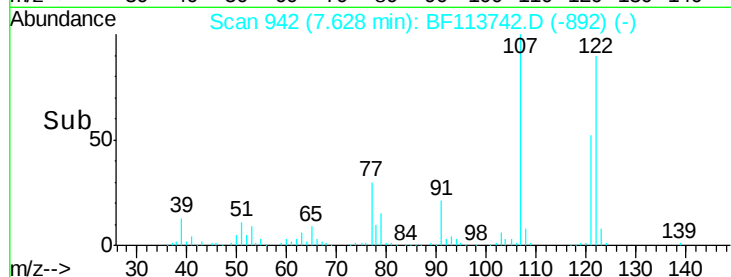
121 57.8 45.5 68.3



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: 40.102 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF113742.D

Acq: 12 Apr 2019 17:00

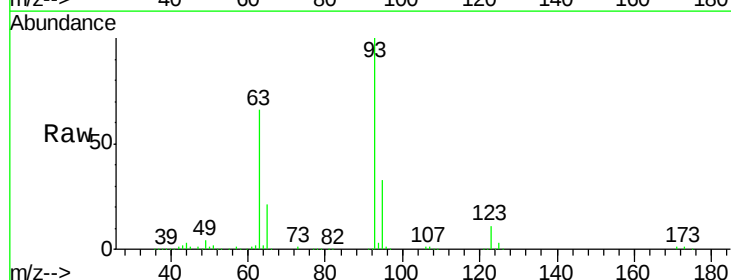
Tgt Ion: 93 Resp: 347065

Ion Ratio Lower Upper

93 100

95 33.2 26.0 39.0

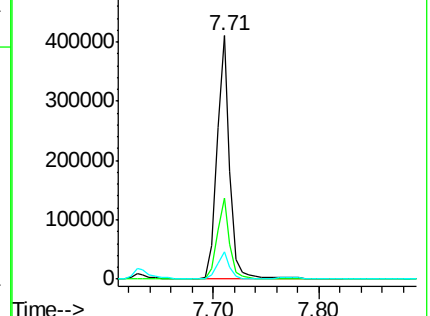
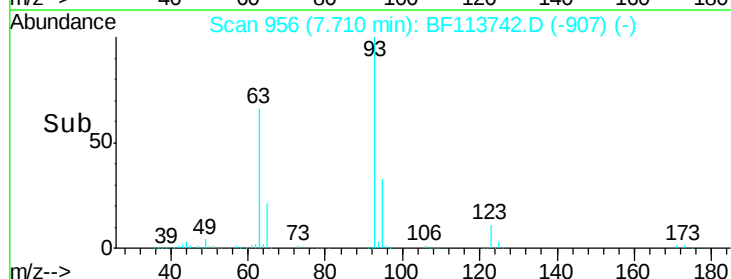
123 11.1 9.1 13.7

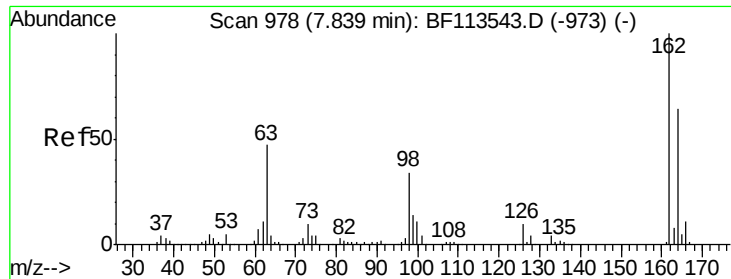


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

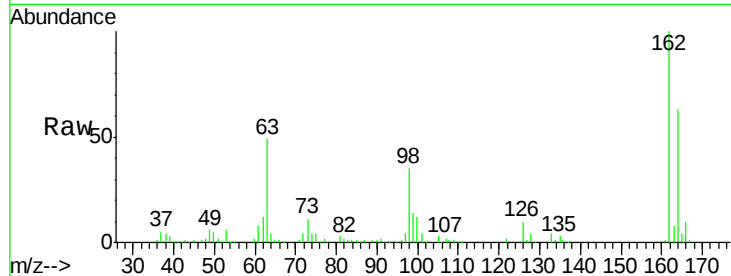




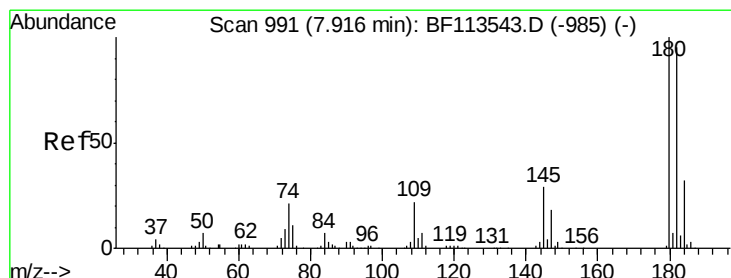
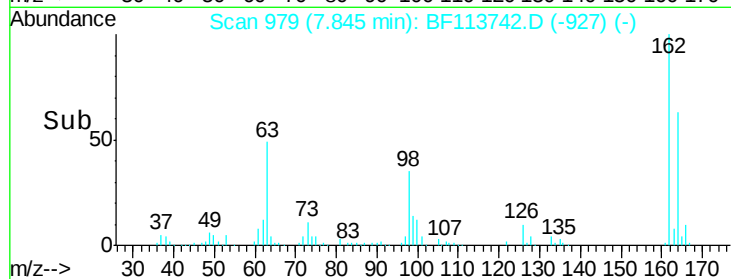
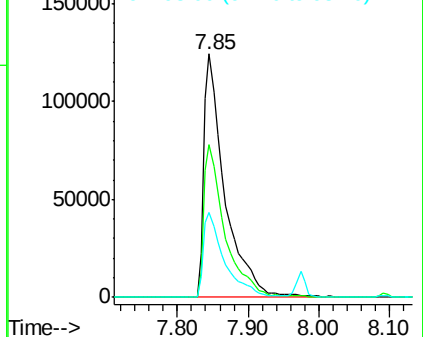
#29
 2,4-Dichlorophenol
 Concen: 42.412 ng
 RT: 7.85 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: BF113742.D
 Acq: 12 Apr 2019 17:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	44.6	84.6
98	34.8	15.6	55.6

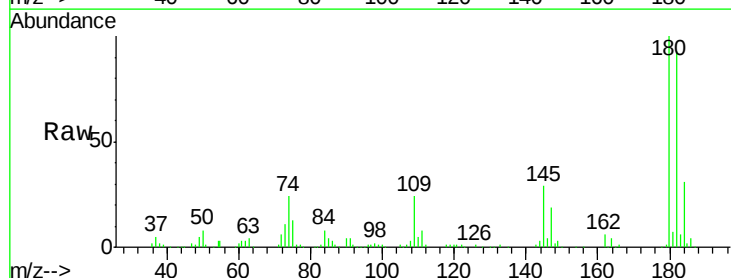


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

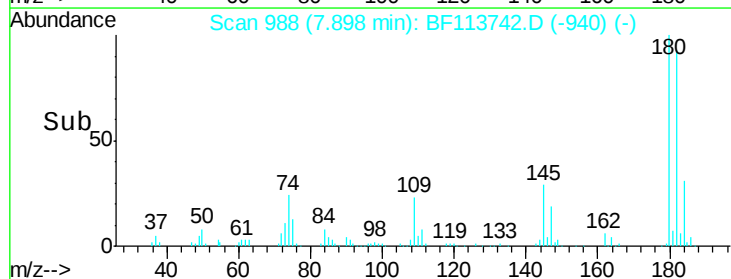
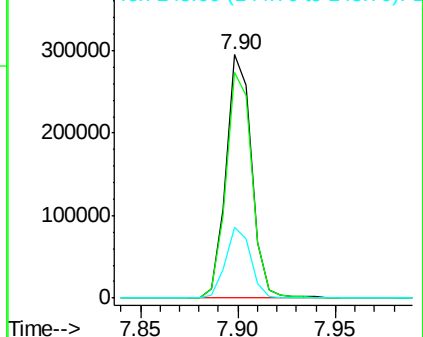


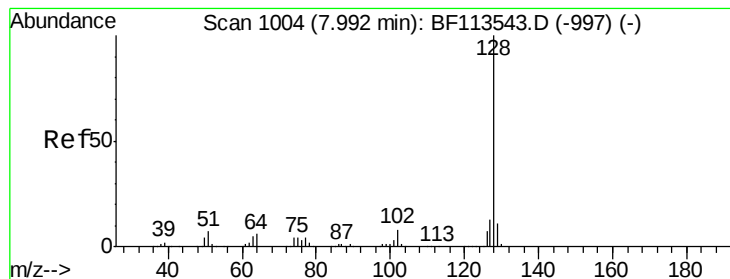
#30
 1,2,4-Trichlorobenzene
 Concen: 41.090 ng
 RT: 7.90 min Scan# 988
 Delta R.T. -0.02 min
 Lab File: BF113742.D
 Acq: 12 Apr 2019 17:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.7	74.6	111.8
145	29.3	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: 42.317 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.02 min

Lab File: BF113742.D

Acq: 12 Apr 2019 17:00

Instrument :

BNA_F

ClientSampleId :

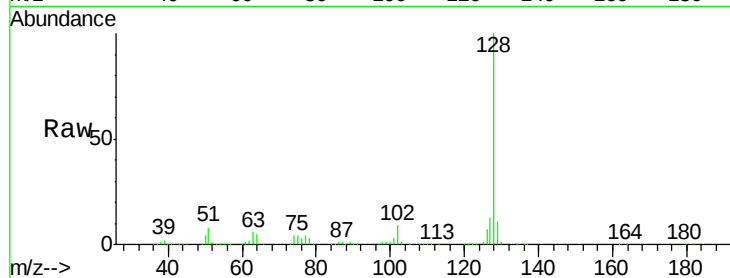
Tot Ion:128 Resp: 853460

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

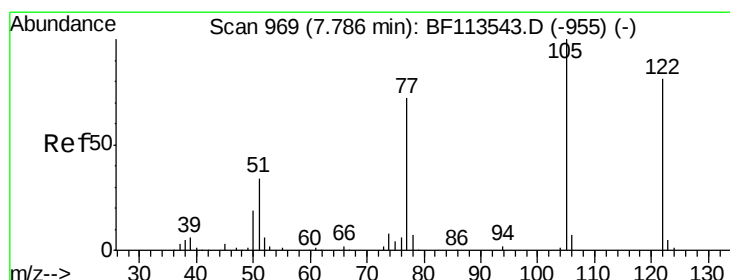
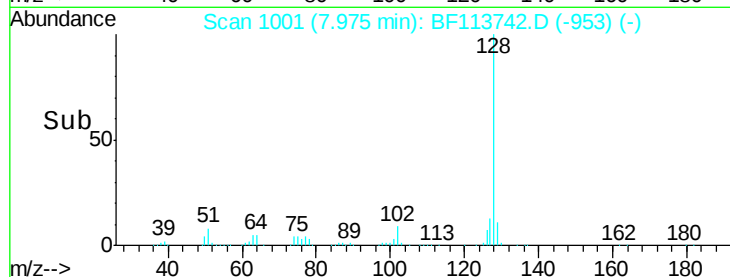
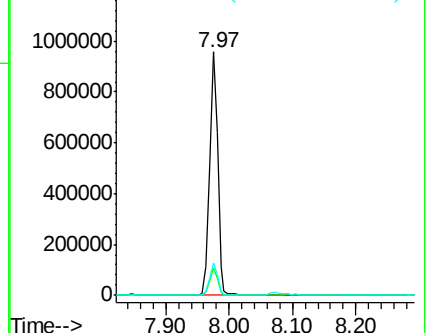
127 13.3 10.9 16.3



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: 16.990 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF113742.D

Acq: 12 Apr 2019 17:00

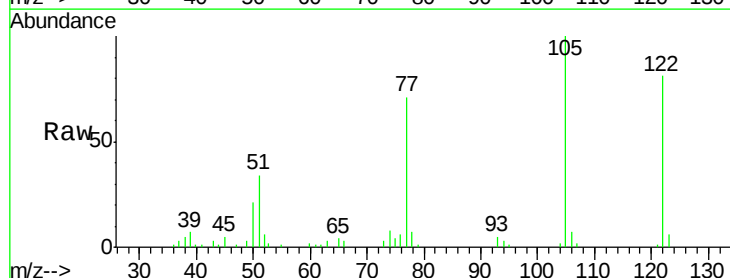
Tgt Ion:122 Resp: 74079

Ion Ratio Lower Upper

122 100

105 123.7 100.4 140.4

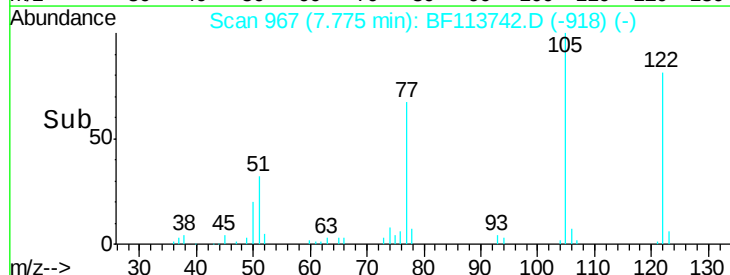
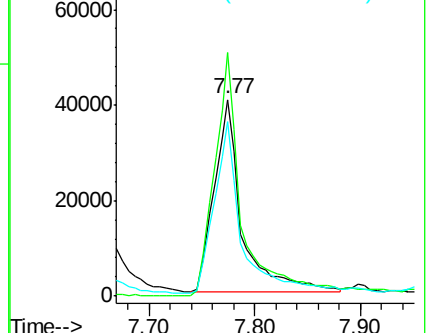
77 88.4 69.0 109.0

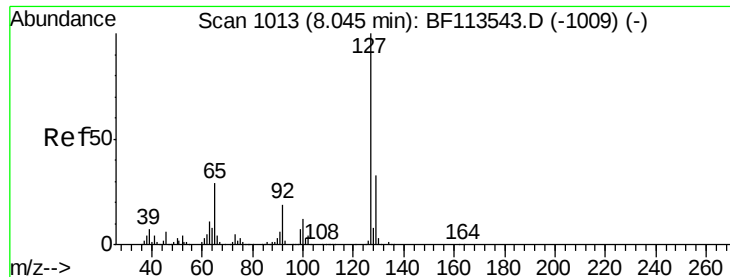


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

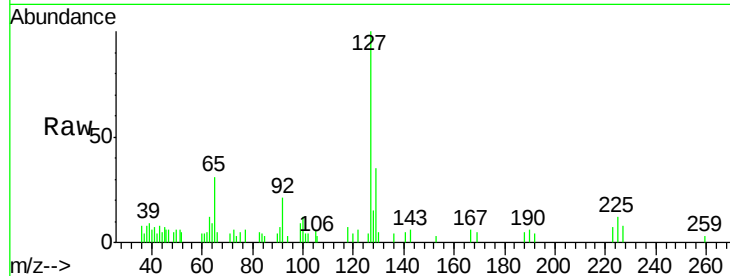




#33
4-Chloroaniline
Concen: 3.770 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.03 min
Lab File: BF113742.D
Acq: 12 Apr 2019 17:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	30145
Ion	Ratio	Lower	Upper
127	100		
129	35.3	26.3	39.5
65	31.4	24.2	36.4
92	20.7	15.0	22.6



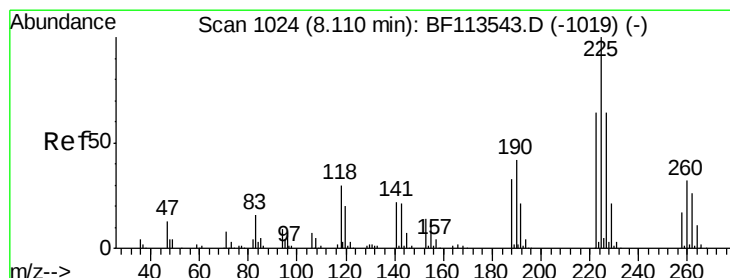
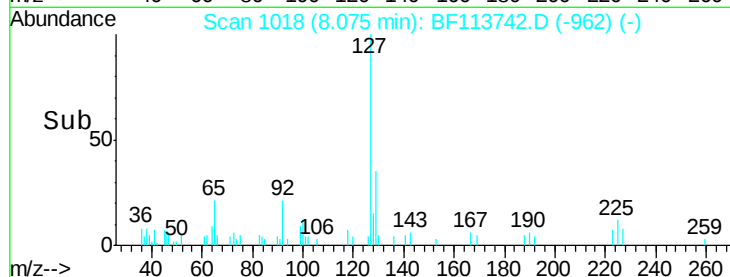
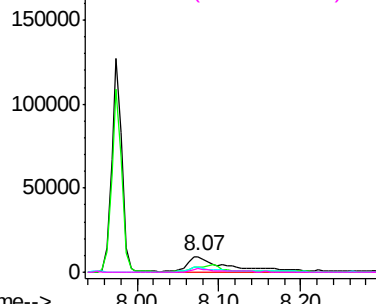
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

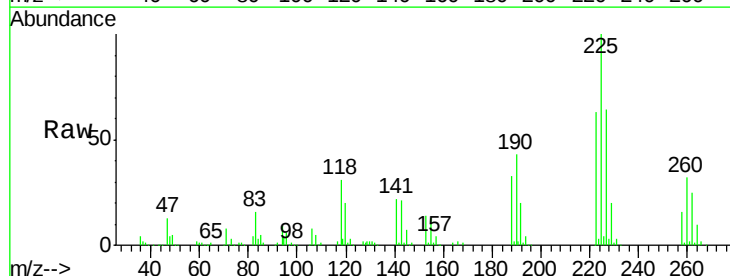
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 40.136 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BF113742.D
Acq: 12 Apr 2019 17:00

Tgt Ion:	225	Resp:	160093
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.4	77.2
227	63.6	51.1	76.7

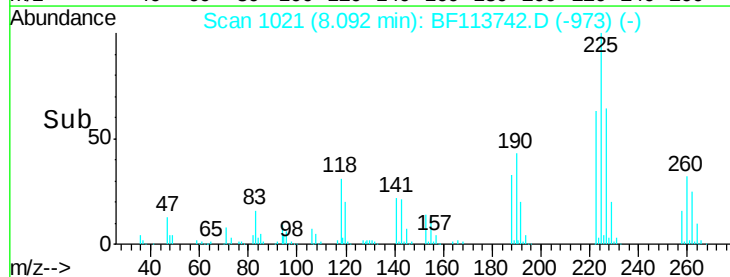
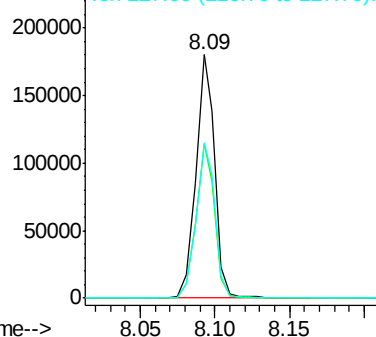


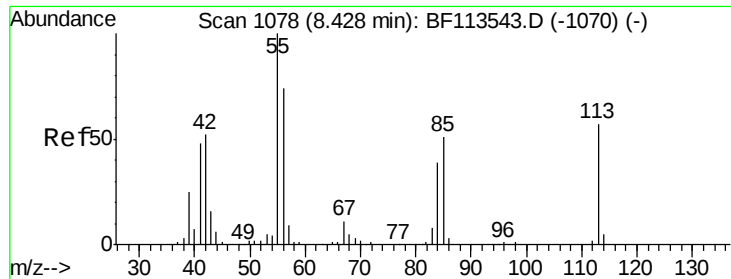
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

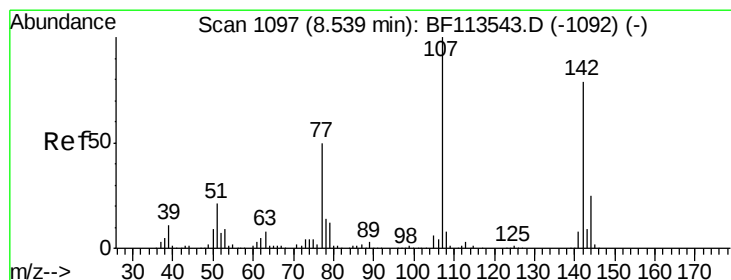
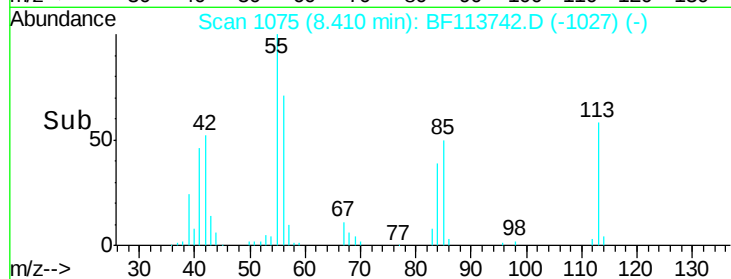
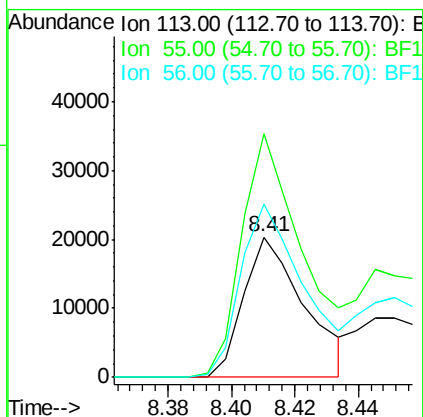
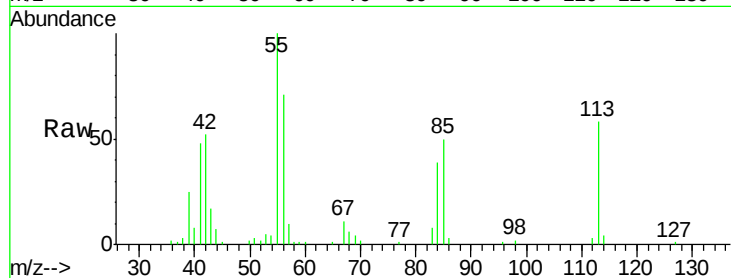




#35
 Caprolactam
 Concen: 14.108 ng
 RT: 8.41 min Scan# 1075
 Delta R.T. -0.02 min
 Lab File: BF113742.D
 Acq: 12 Apr 2019 17:00

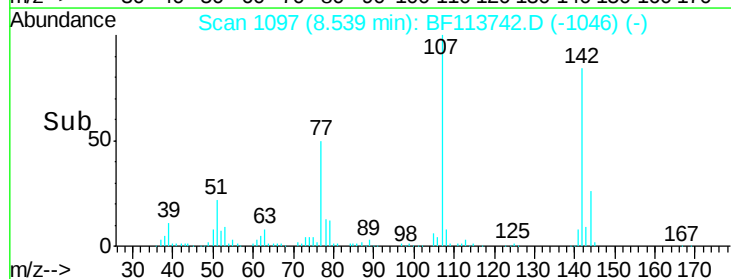
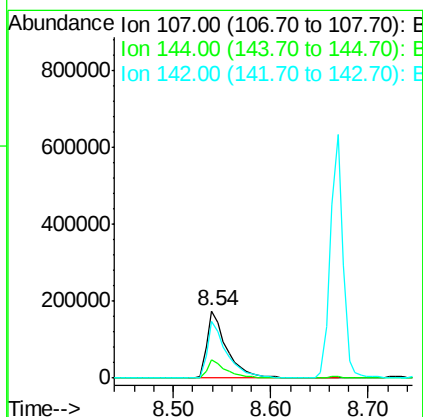
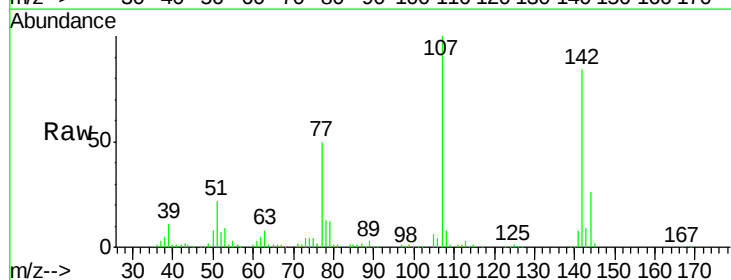
Instrument :
 BNA_F
 ClientSampled :

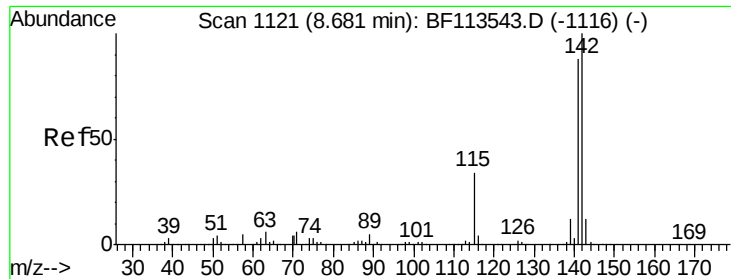
Tot Ion:113 Resp: 26980
 Ion Ratio Lower Upper
 113 100
 55 173.7 152.7 192.7
 56 123.5 108.3 148.3



#36
 4-Chloro-3-methylphenol
 Concen: 40.534 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF113742.D
 Acq: 12 Apr 2019 17:00

Tgt Ion:107 Resp: 245138
 Ion Ratio Lower Upper
 107 100
 144 26.5 21.4 32.0
 142 84.3 65.6 98.4

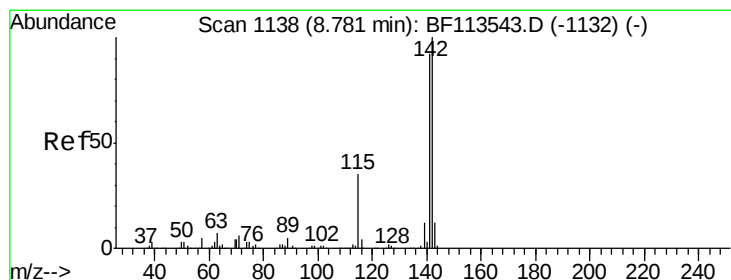
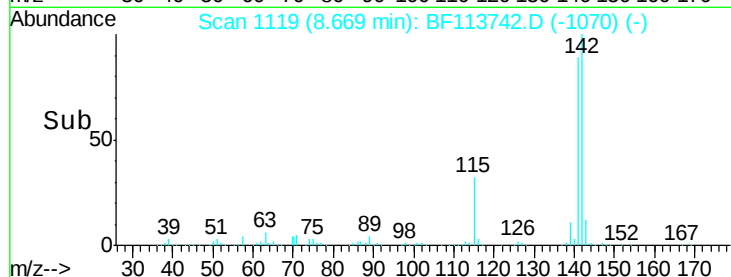
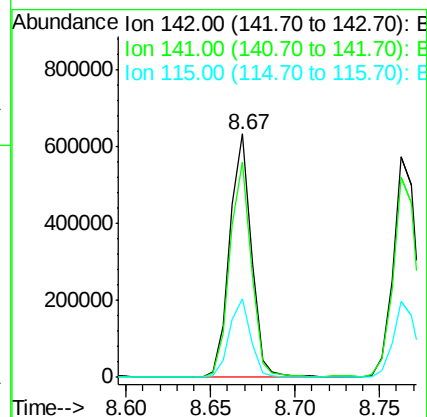
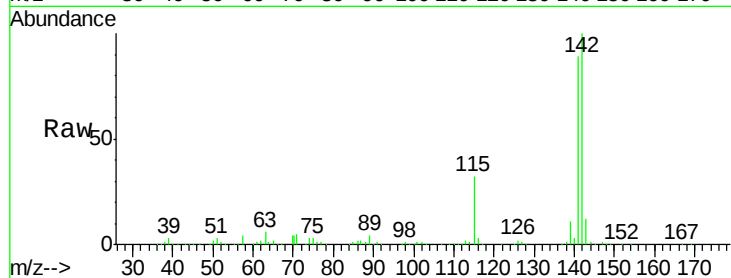




#37
2-Methylnaphthalene
Concen: 42.556 ng
RT: 8.67 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BF113742.D
Acq: 12 Apr 2019 17:00

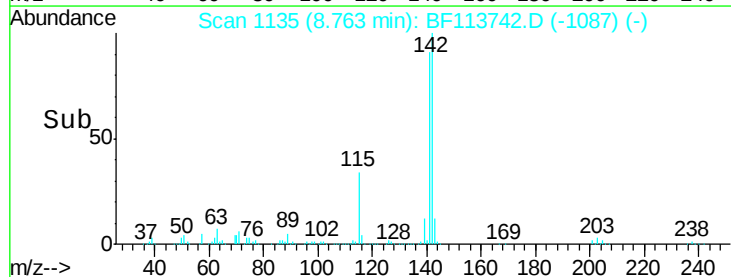
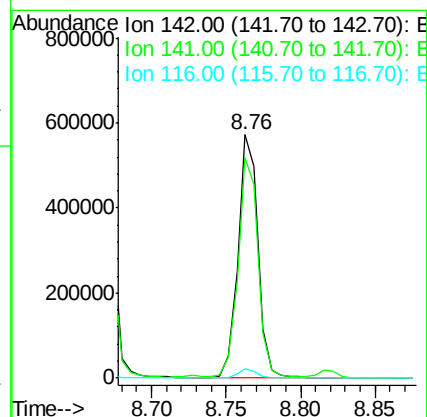
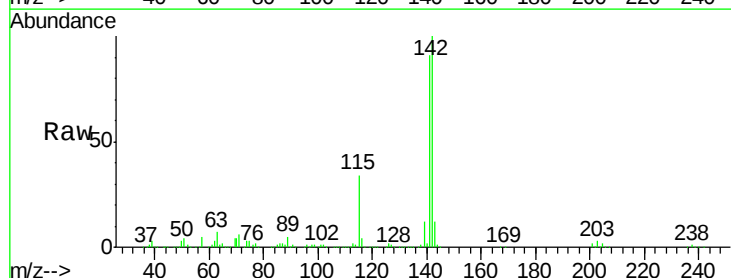
Instrument :
BNA_F
ClientSampleId :

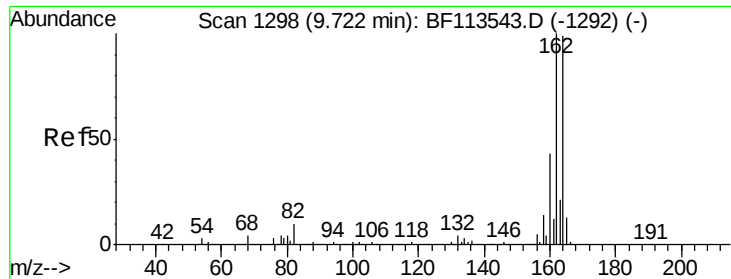
Tot Ion:142 Resp: 564490
Ion Ratio Lower Upper
142 100
141 88.7 71.0 106.6
115 32.2 26.6 39.8



#38
1-Methylnaphthalene
Concen: 41.979 ng
RT: 8.76 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF113742.D
Acq: 12 Apr 2019 17:00

Tgt Ion:142 Resp: 536930
Ion Ratio Lower Upper
142 100
141 90.7 73.2 109.8
116 3.6 3.0 4.4

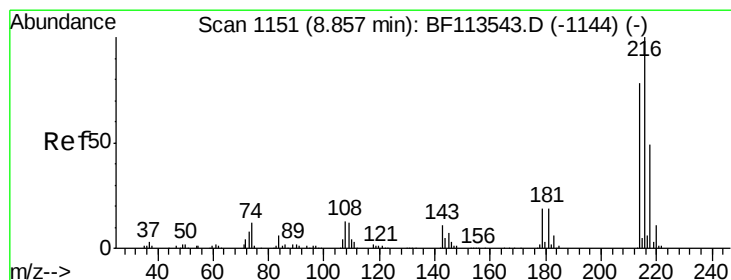
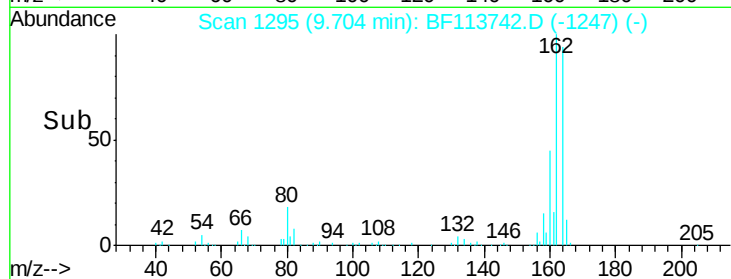
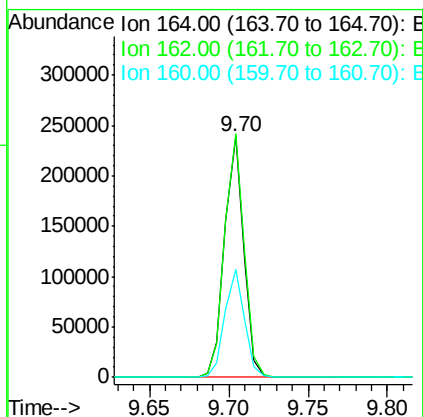
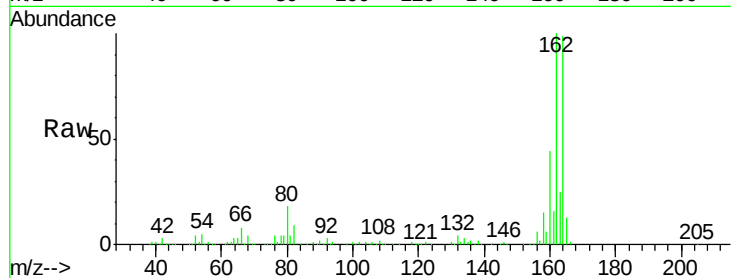




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.02 min
 Lab File: BF113742.D
 Acq: 12 Apr 2019 17:00

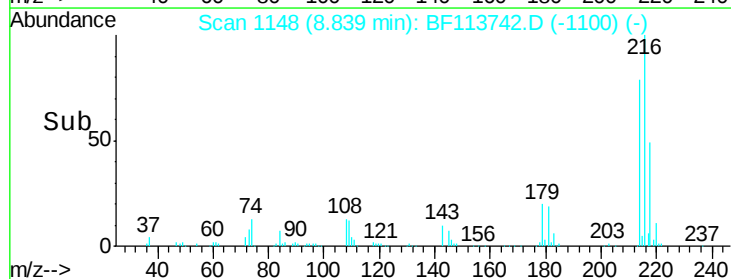
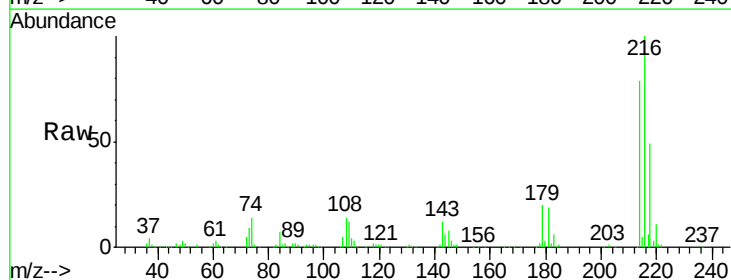
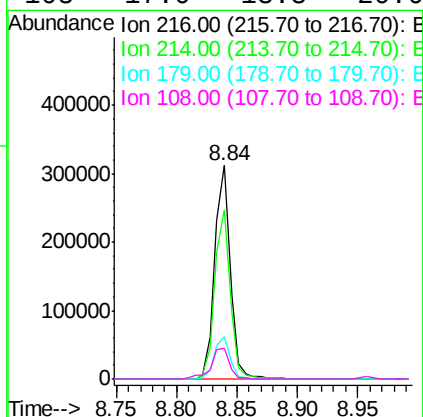
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.8	122.6
160	45.0	36.4	54.6



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.245 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. -0.02 min
 Lab File: BF113742.D
 Acq: 12 Apr 2019 17:00

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.6
179	19.9	16.8	25.2
108	17.0	13.8	20.6





#41

Hexachlorocyclopentadiene

Concen: 60.969 ng

RT: 8.82 min Scan# 1145

Delta R.T. -0.02 min

Lab File: BF113742.D

Acq: 12 Apr 2019 17:00

Instrument :

BNA_F

ClientSampleId :

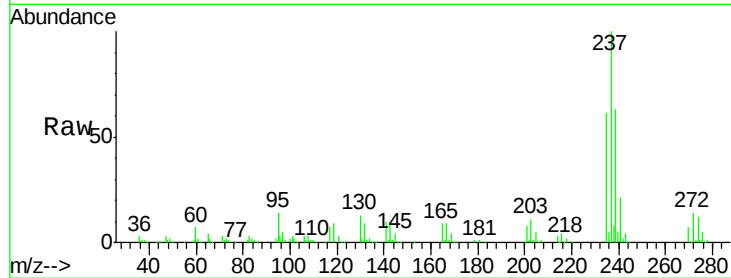
Tot Ion:237 Resp: 129761

Ion Ratio Lower Upper

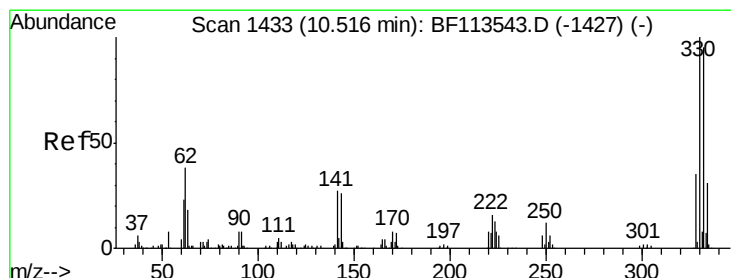
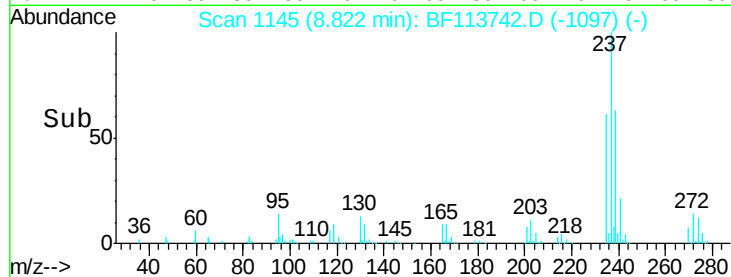
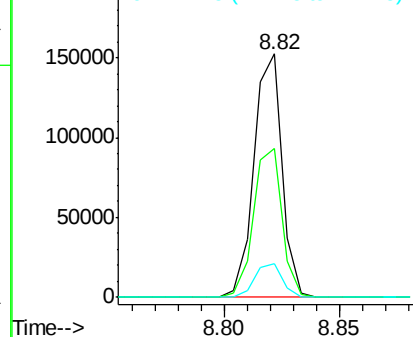
237 100

235 61.3 43.4 83.4

272 13.8 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: 117.504 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BF113742.D

Acq: 12 Apr 2019 17:00

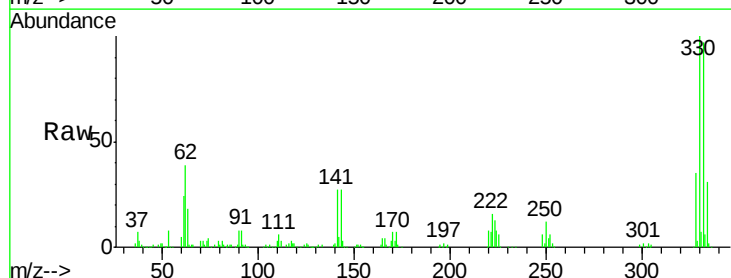
Tgt Ion:330 Resp: 283297

Ion Ratio Lower Upper

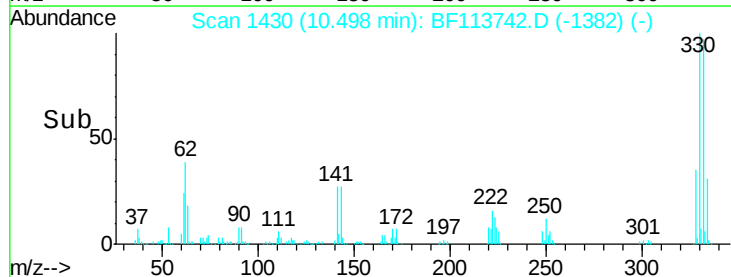
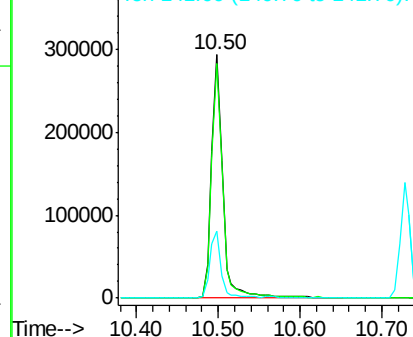
330 100

332 96.7 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

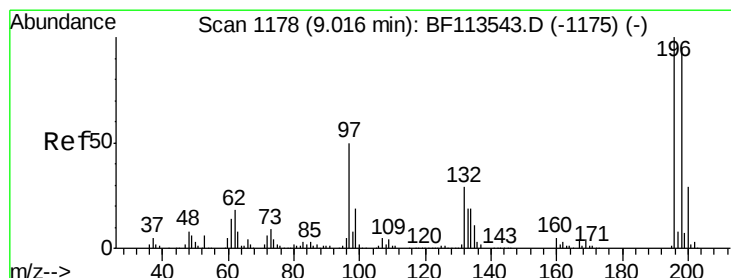
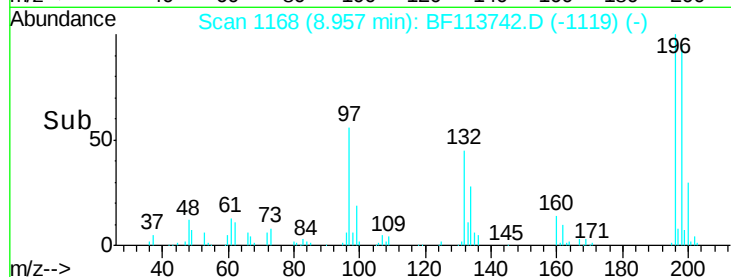
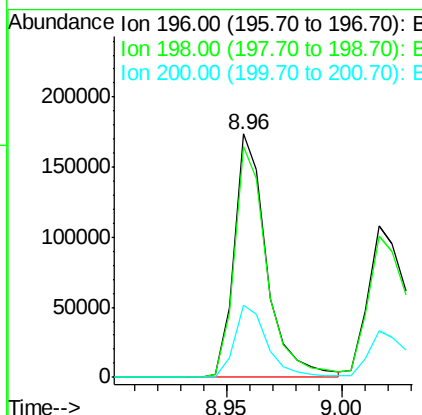
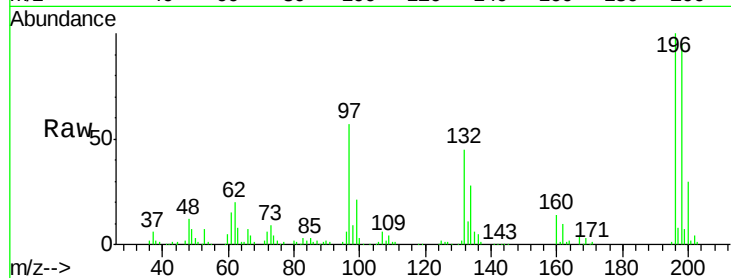




#43
 2,4,6-Trichlorophenol
 Concen: 41.588 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF113742.D
 Acq: 12 Apr 2019 17:00

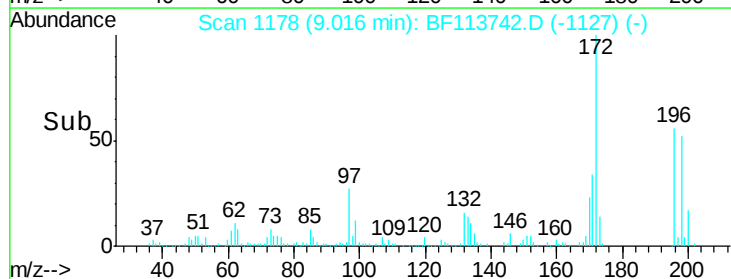
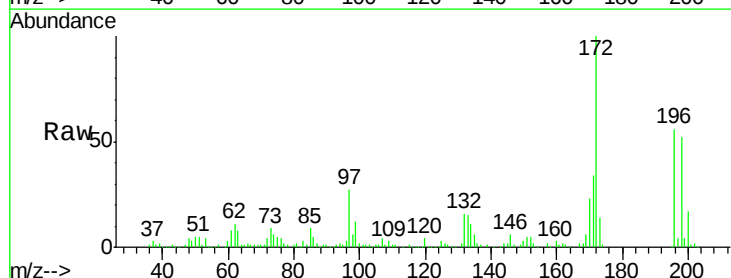
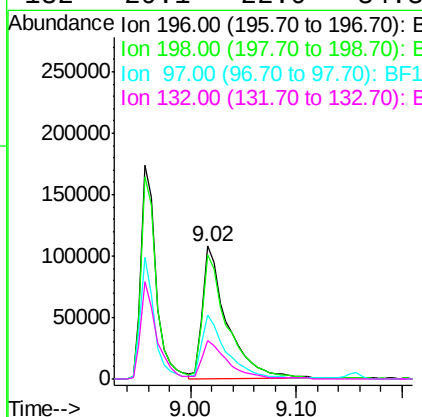
Instrument :
 BNA_F
 ClientSampled :

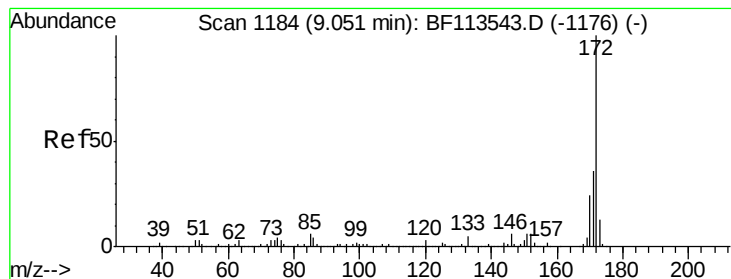
Tot Ion:196 Resp: 170398
 Ion Ratio Lower Upper
 196 100
 198 95.0 77.7 116.5
 200 29.8 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 39.477 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF113742.D
 Acq: 12 Apr 2019 17:00

Tgt Ion:196 Resp: 173649
 Ion Ratio Lower Upper
 196 100
 198 93.1 75.4 113.2
 97 48.5 38.6 58.0
 132 29.1 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 85.691 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BF113742.D

Acq: 12 Apr 2019 17:00

Instrument :

BNA_F

ClientSampleId :

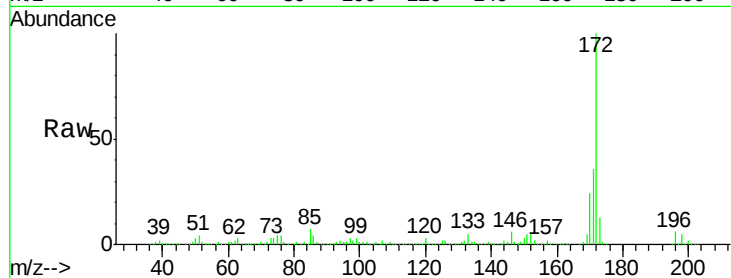
Tot Ion:172 Resp: 1068310

Ion Ratio Lower Upper

172 100

171 35.7 29.0 43.6

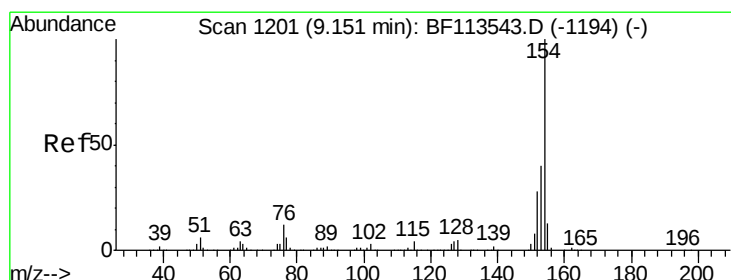
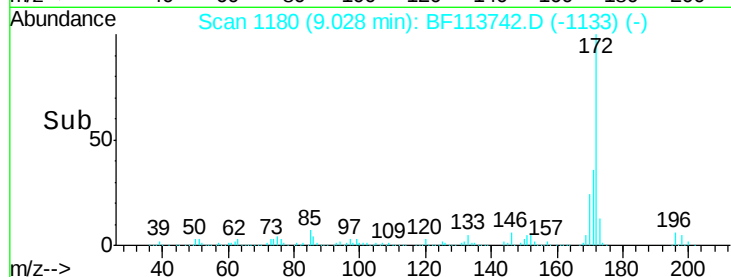
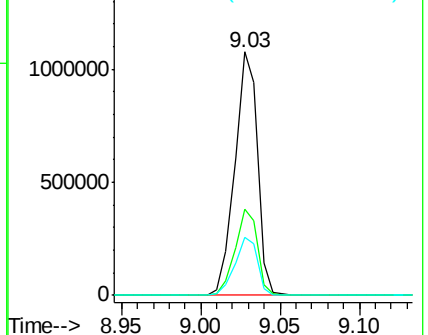
170 23.9 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 42.862 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.02 min

Lab File: BF113742.D

Acq: 12 Apr 2019 17:00

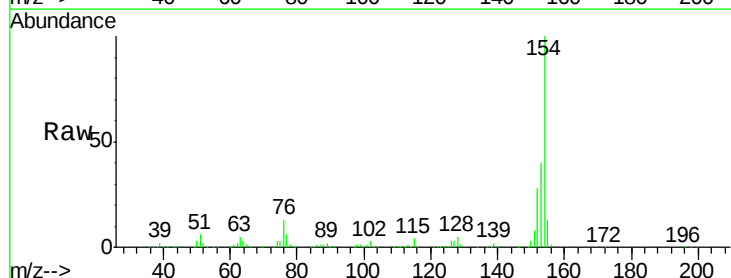
Tgt Ion:154 Resp: 709885

Ion Ratio Lower Upper

154 100

153 39.8 20.8 60.8

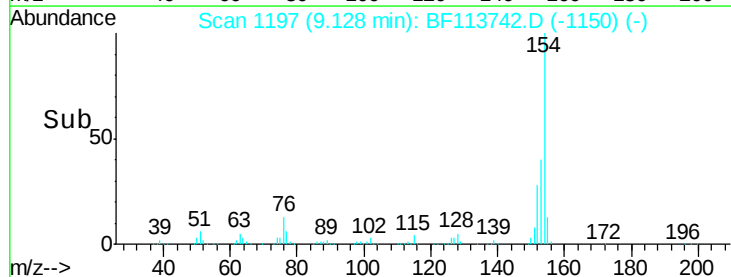
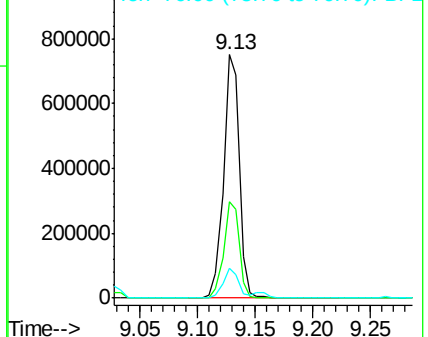
76 12.5 0.0 31.9

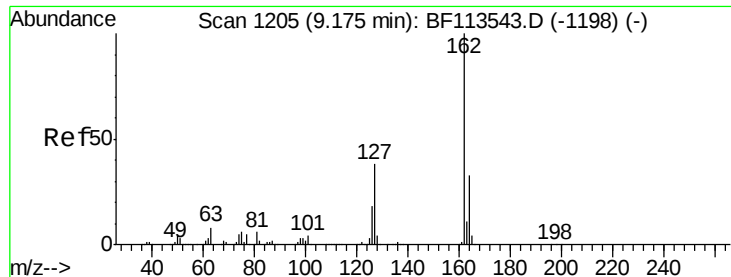


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

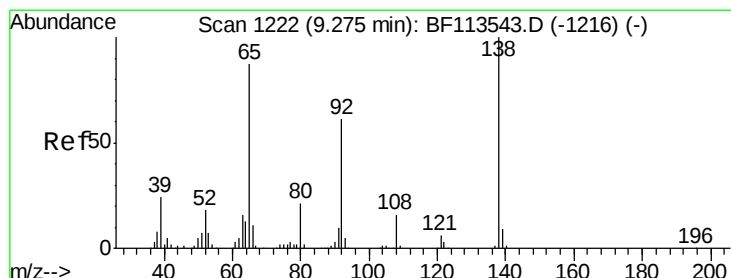
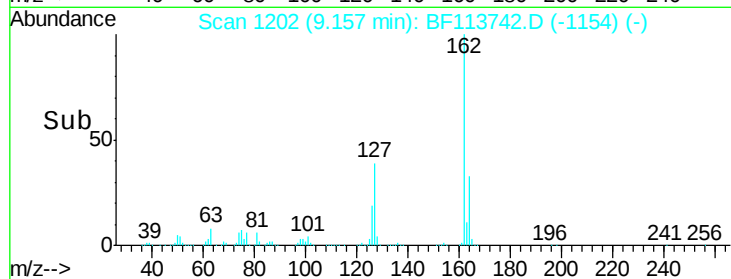
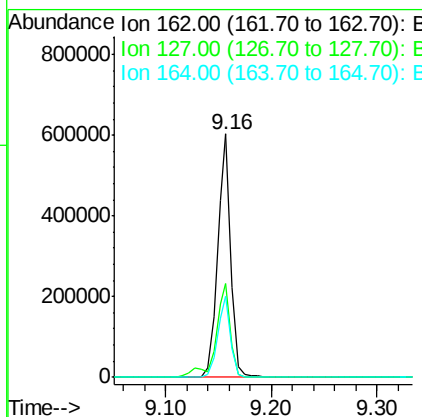
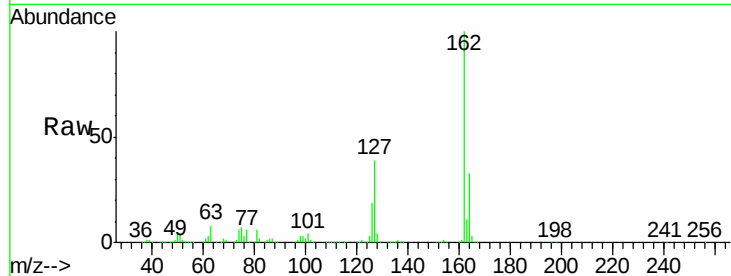




#47
 2-Chloronaphthalene
 Concen: 42.037 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF113742.D
 Acq: 12 Apr 2019 17:00

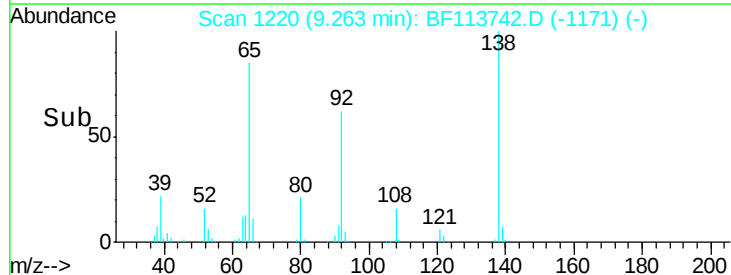
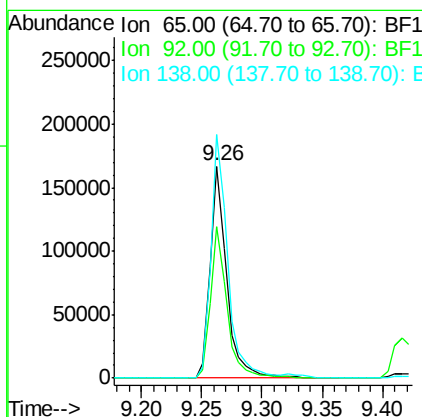
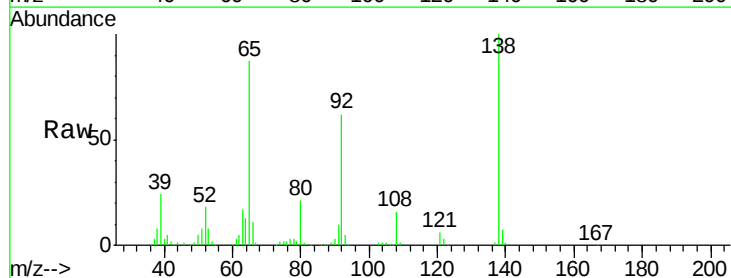
Instrument :
 BNA_F
 ClientSampleId :

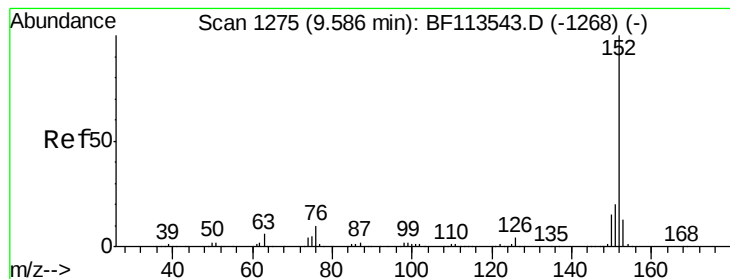
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.6	32.6	49.0
164	33.3	26.6	39.8



#48
 2-Nitroaniline
 Concen: 41.210 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF113742.D
 Acq: 12 Apr 2019 17:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.9	56.8	85.2
138	115.0	92.3	138.5





#49

Acenaphthylene

Concen: 40.920 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.02 min

Lab File: BF113742.D

Acq: 12 Apr 2019 17:00

Instrument :

BNA_F

ClientSampleId :

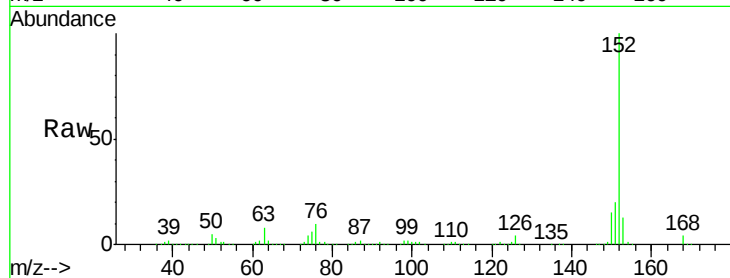
Tot Ion:152 Resp: 834404

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

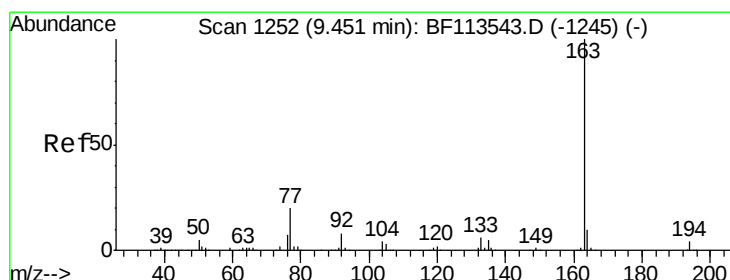
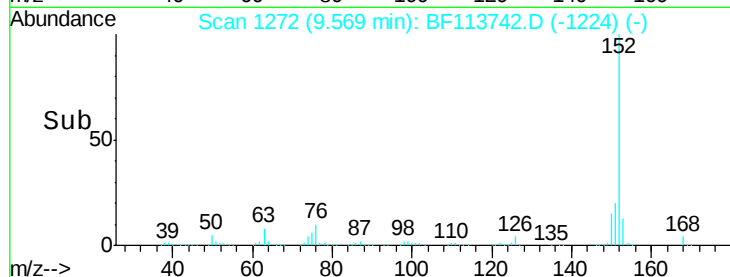
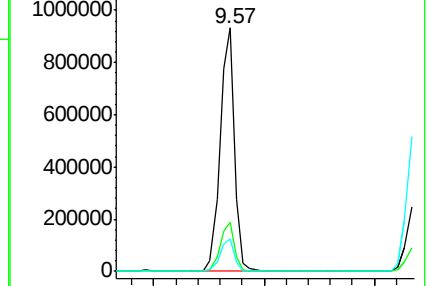
153 13.3 11.0 16.6



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: 40.427 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.02 min

Lab File: BF113742.D

Acq: 12 Apr 2019 17:00

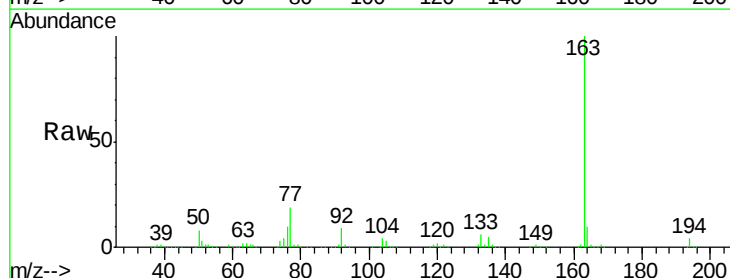
Tgt Ion:163 Resp: 598110

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

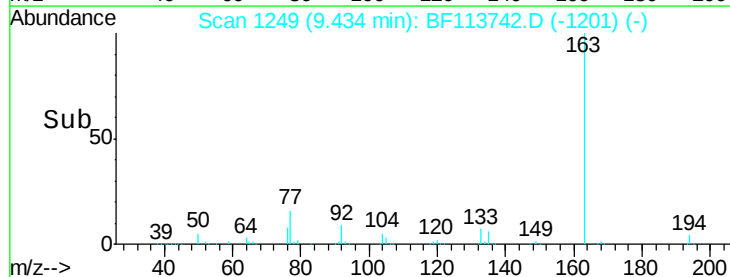
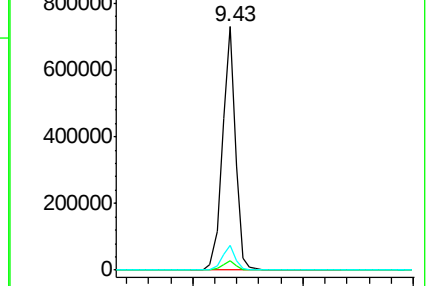
164 10.3 8.1 12.1

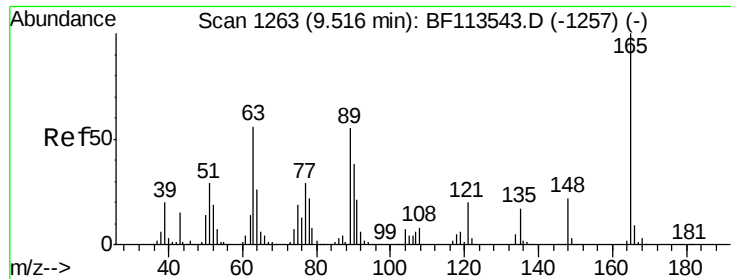


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

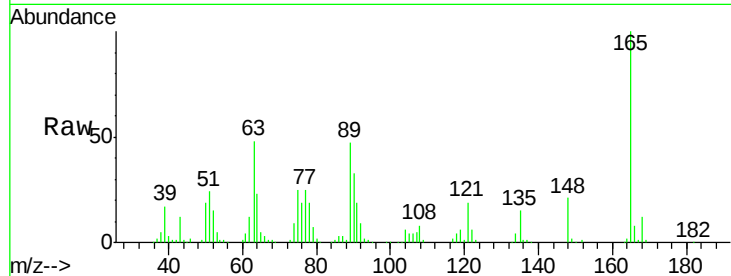




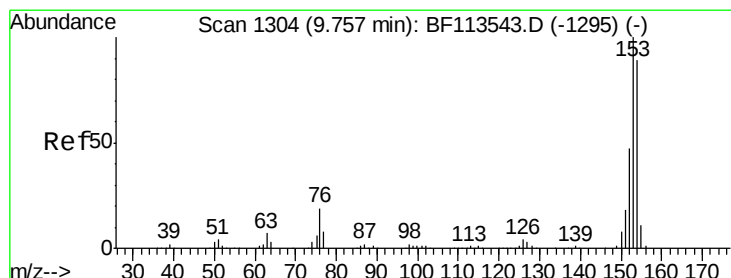
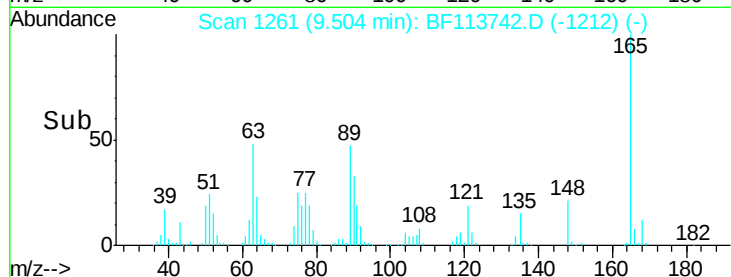
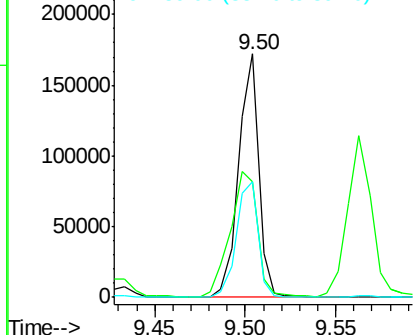
#51
2,6-Dinitrotoluene
Concen: 40.919 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF113742.D
Acq: 12 Apr 2019 17:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 133445
Ion Ratio Lower Upper
165 100
63 47.7 43.4 65.0
89 47.2 43.1 64.7

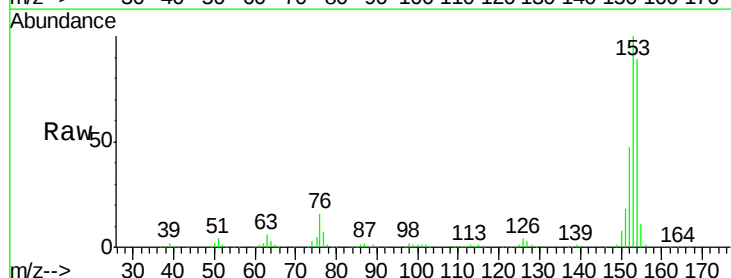


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

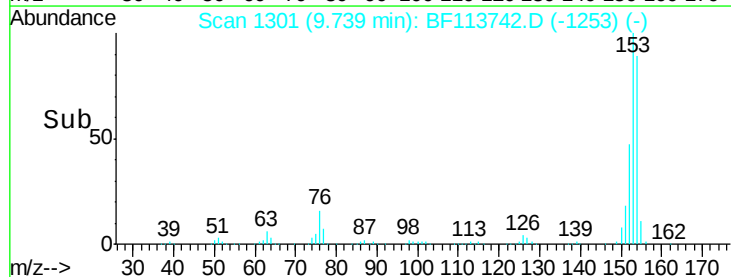
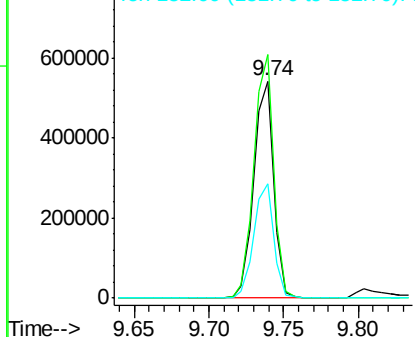


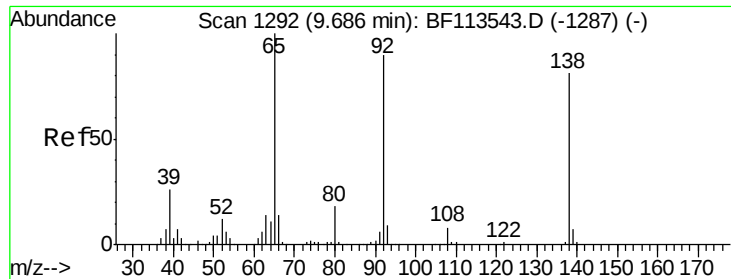
#52
Acenaphthene
Concen: 42.490 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF113742.D
Acq: 12 Apr 2019 17:00

Tgt Ion:154 Resp: 495956
Ion Ratio Lower Upper
154 100
153 112.1 89.5 134.3
152 52.9 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

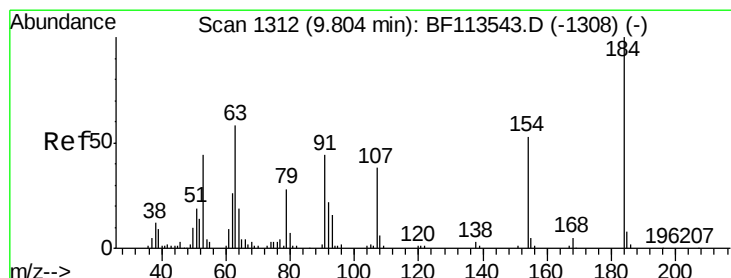
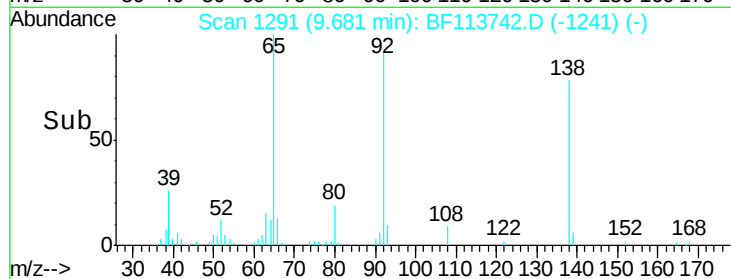
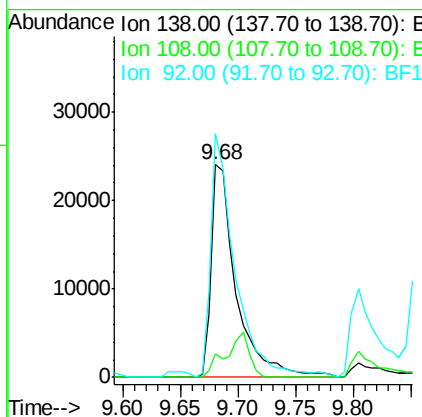
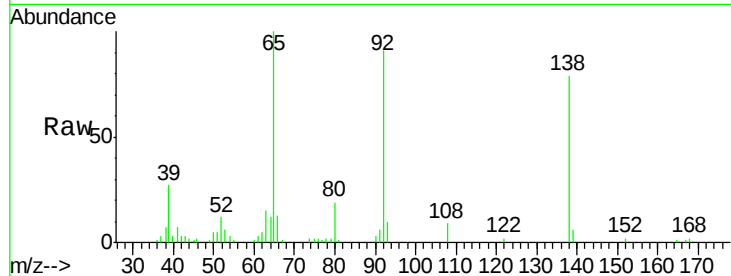




#53
 3-Nitroaniline
 Concen: 9.793 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BF113742.D
 Acq: 12 Apr 2019 17:00

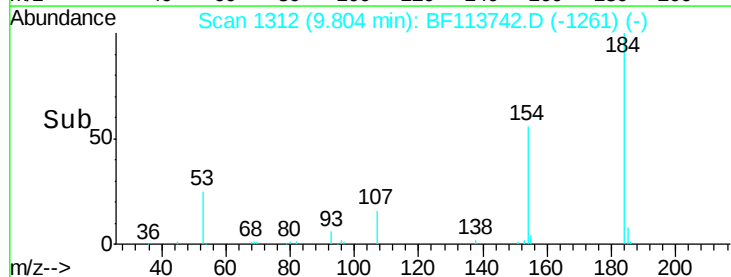
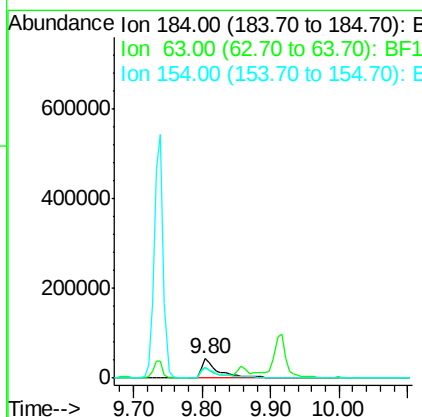
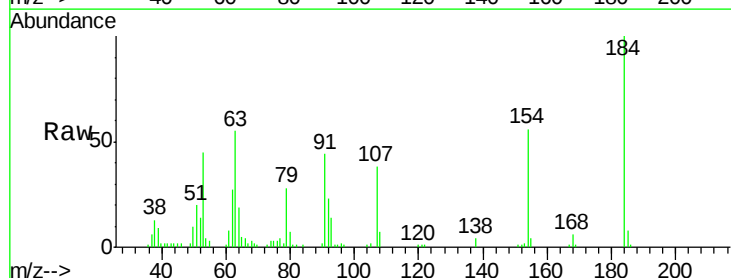
Instrument :
 BNA_F
 ClientSampleId :

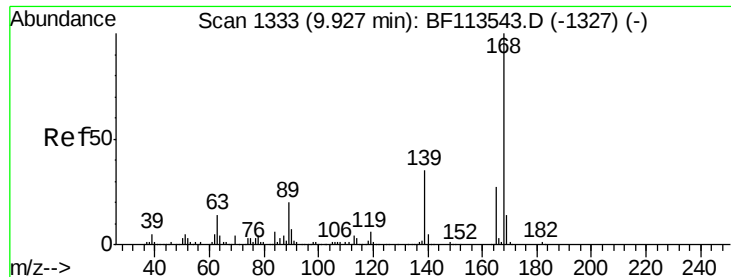
Tot Ion:138 Resp: 36310
 Ion Ratio Lower Upper
 138 100
 108 10.9 7.8 11.6
 92 114.6 82.6 124.0



#54
 2,4-Dinitrophenol
 Concen: 53.834 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: BF113742.D
 Acq: 12 Apr 2019 17:00

Tgt Ion:184 Resp: 82136
 Ion Ratio Lower Upper
 184 100
 63 55.3 54.3 81.5
 154 56.4 48.4 72.6

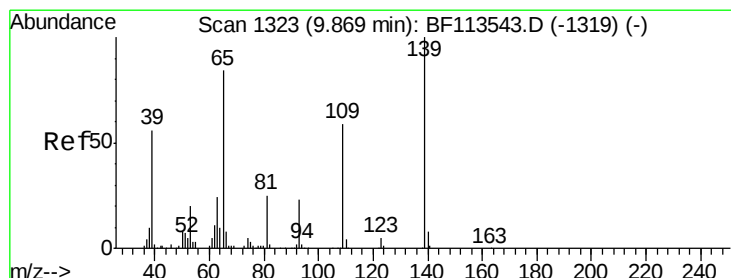
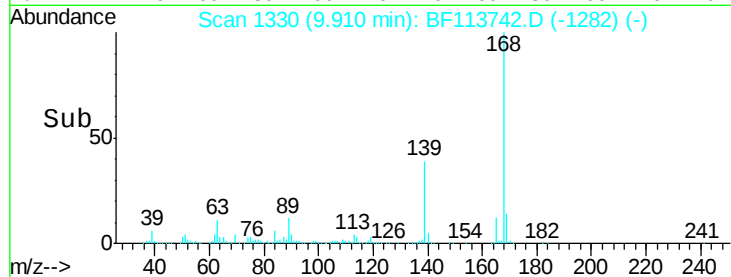
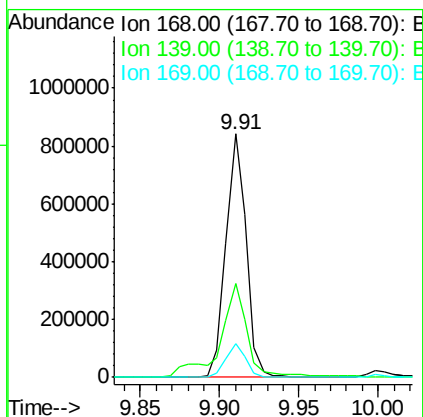
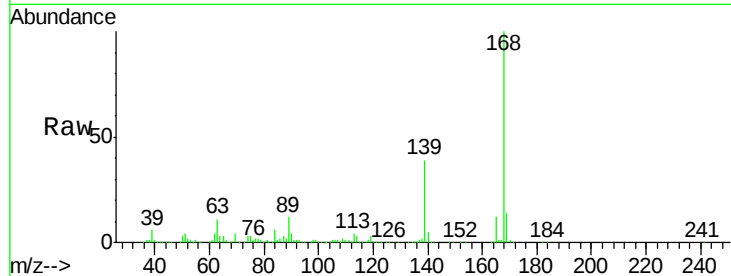




#55
Dibenzofuran
Concen: 43.482 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF113742.D
Acq: 12 Apr 2019 17:00

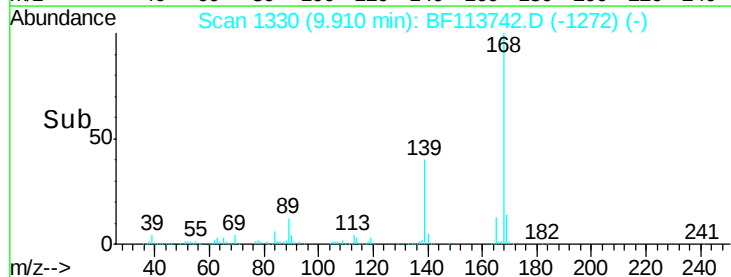
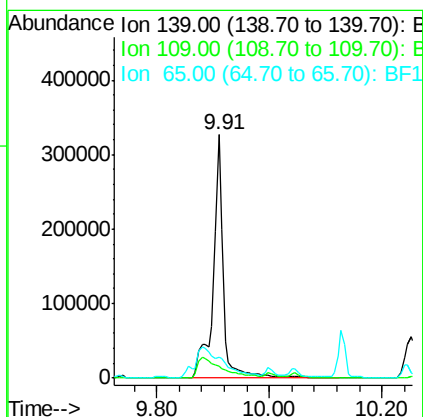
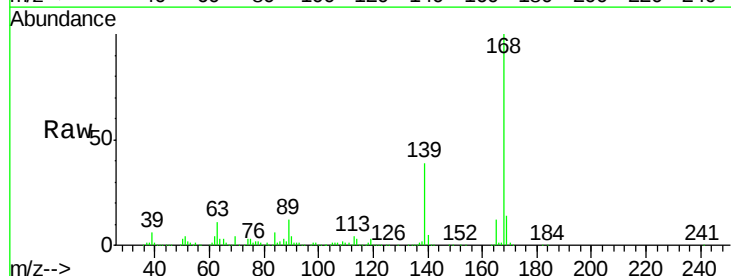
Instrument :
BNA_F
ClientSampled :

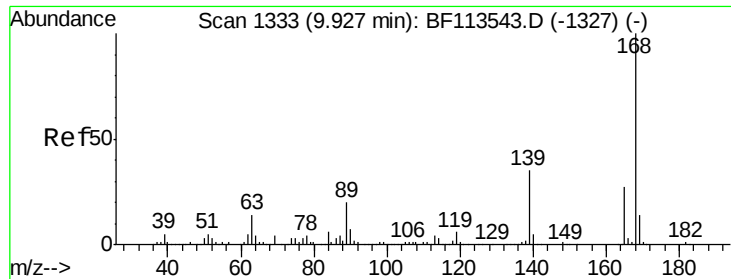
Tot Ion:168 Resp: 744498
Ion Ratio Lower Upper
168 100
139 38.8 29.7 44.5
169 13.8 10.7 16.1



#56
4-Nitrophenol
Concen: 178.388 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.04 min
Lab File: BF113742.D
Acq: 12 Apr 2019 17:00

Tgt Ion:139 Resp: 410294
Ion Ratio Lower Upper
139 100
109 4.7 46.9 86.9#
65 8.5 77.2 117.2#

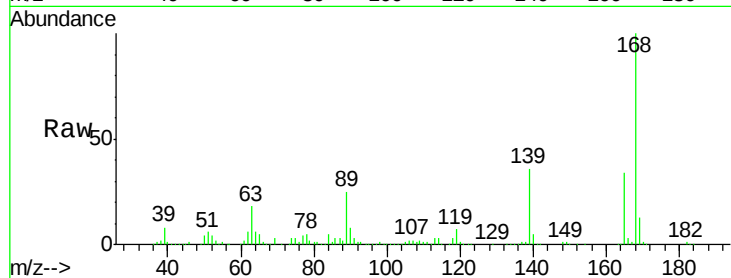




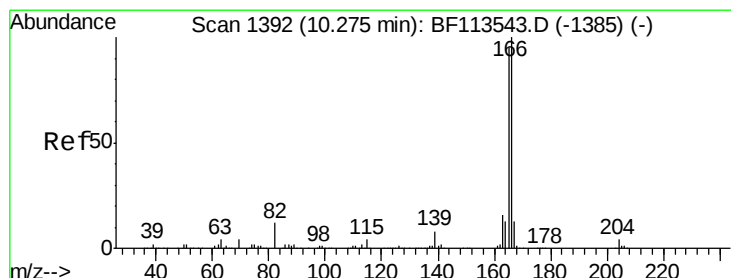
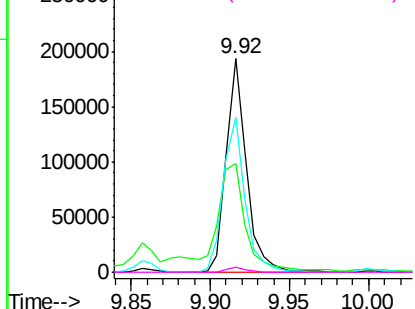
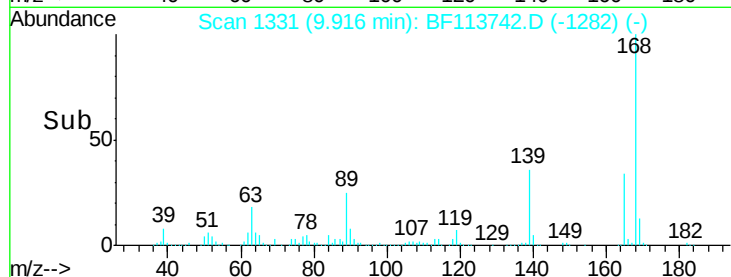
#57
2,4-Dinitrotoluene
Concen: 43.284 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF113742.D
Acq: 12 Apr 2019 17:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 170719
Ion Ratio Lower Upper
165 100
63 51.0 37.5 56.3
89 72.3 57.4 86.2
182 2.7 2.0 3.0

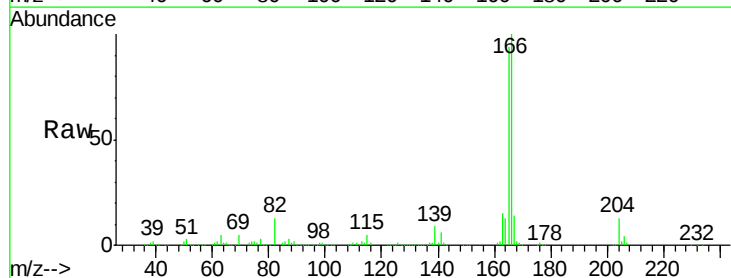


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

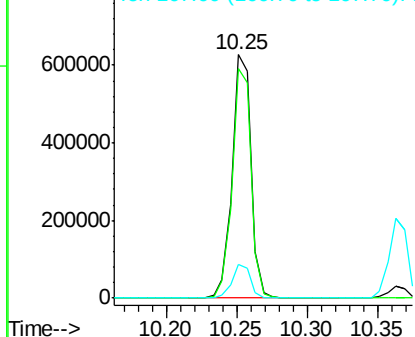
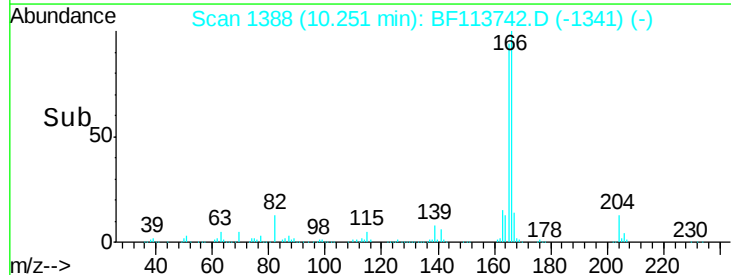


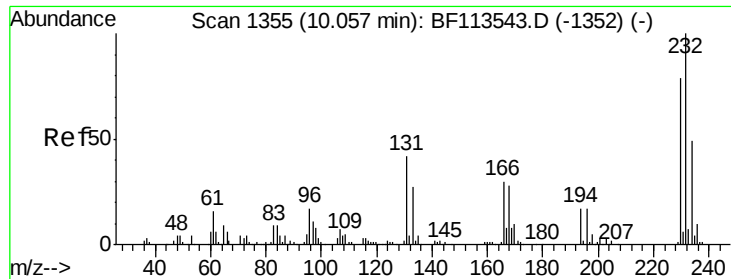
#58
Fluorene
Concen: 43.146 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.02 min
Lab File: BF113742.D
Acq: 12 Apr 2019 17:00

Tgt Ion:166 Resp: 584290
Ion Ratio Lower Upper
166 100
165 94.1 76.2 114.2
167 14.0 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

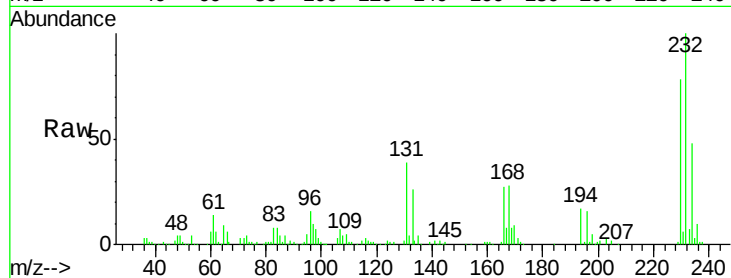




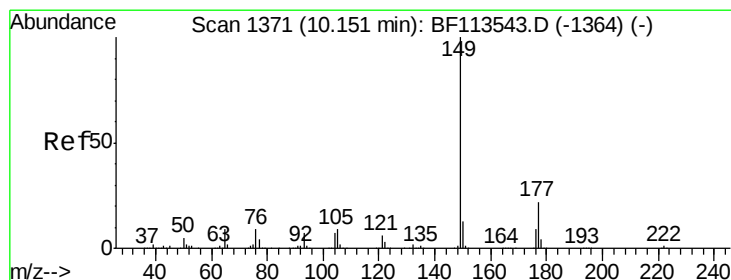
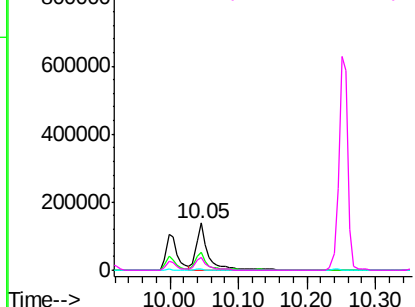
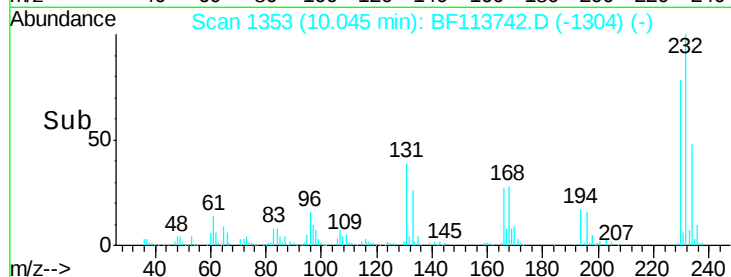
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.688 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BF113742.D
 Acq: 12 Apr 2019 17:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	35.4	33.2	49.8
130	1.8	1.6	2.4
166	24.6	21.0	31.6

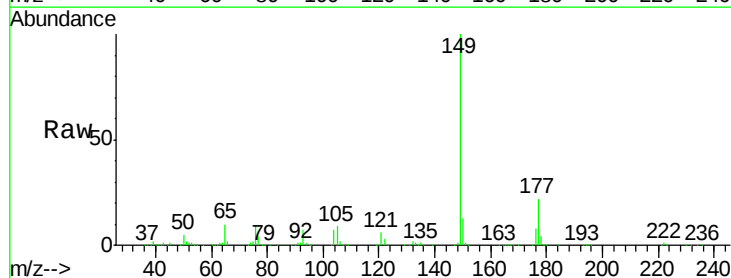


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

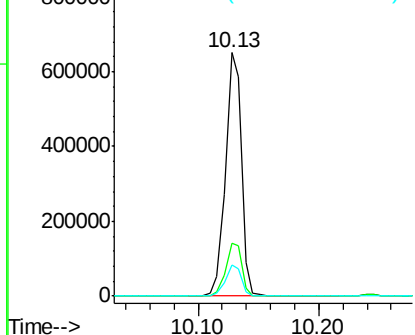
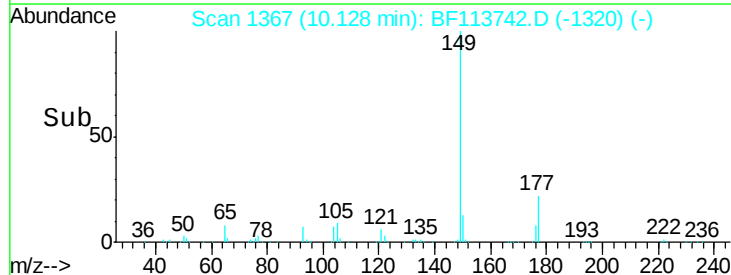


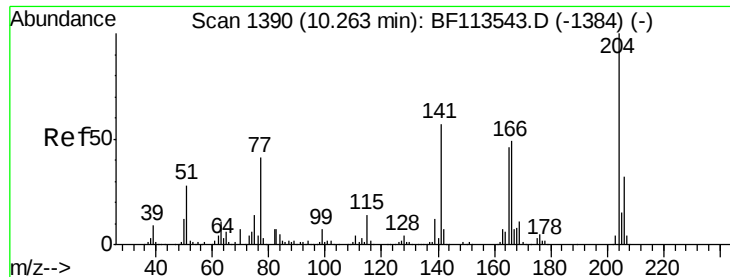
#60
 Diethylphthalate
 Concen: 41.509 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. -0.02 min
 Lab File: BF113742.D
 Acq: 12 Apr 2019 17:00

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.4	26.0
150	13.1	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

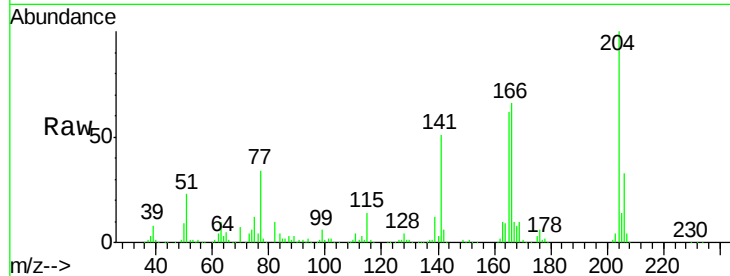




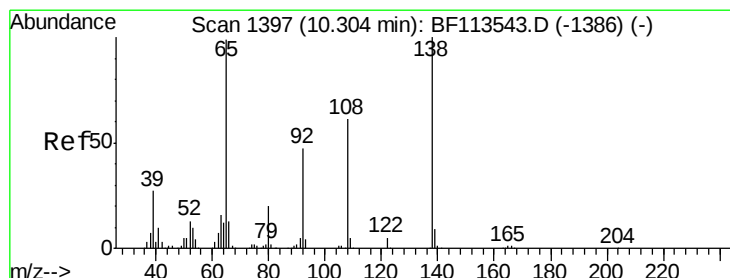
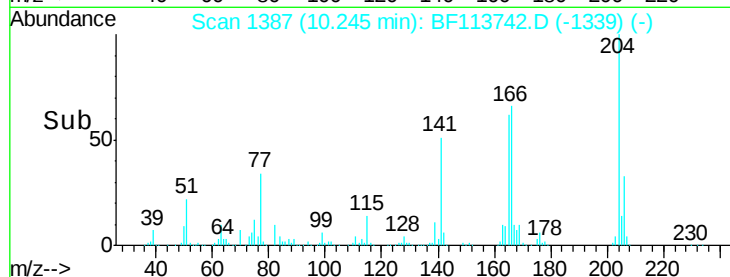
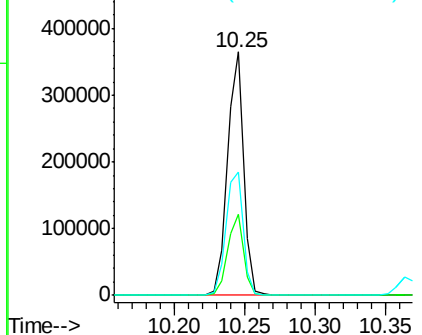
#61
 4-Chlorophenyl-phenylether
 Concen: 43.506 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.02 min
 Lab File: BF113742.D
 Acq: 12 Apr 2019 17:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.9	40.3
141	50.9	48.8	73.2

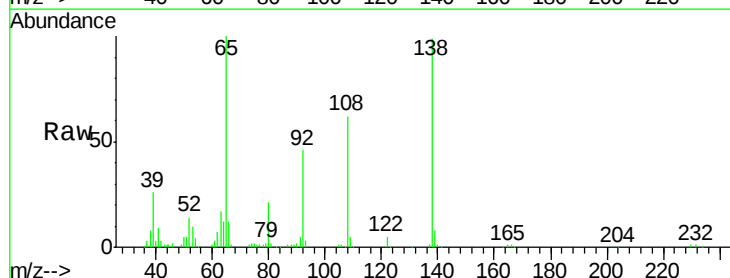


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

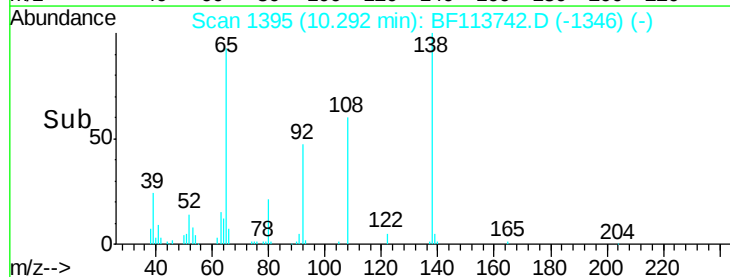
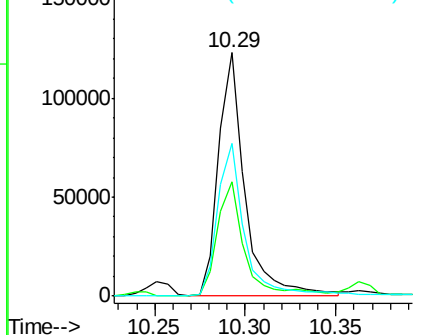


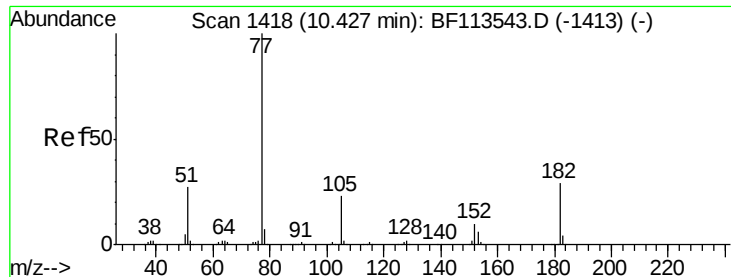
#62
 4-Nitroaniline
 Concen: 33.304 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF113742.D
 Acq: 12 Apr 2019 17:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.0	25.8	65.8
108	62.5	44.0	84.0



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

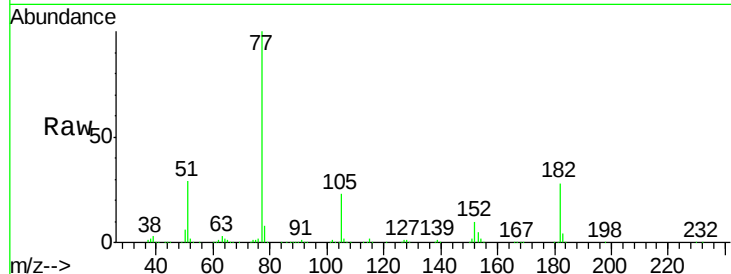




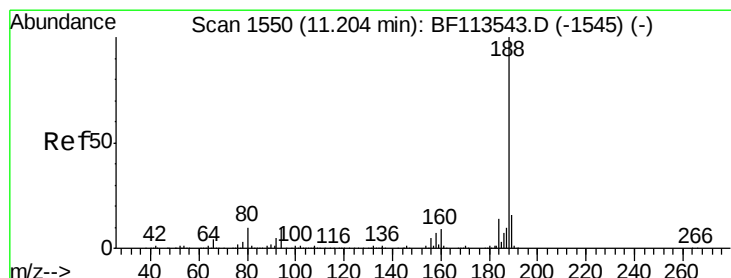
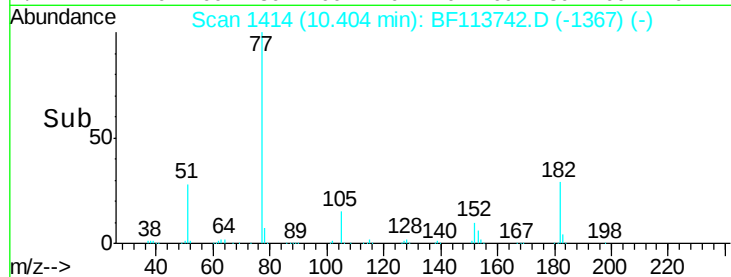
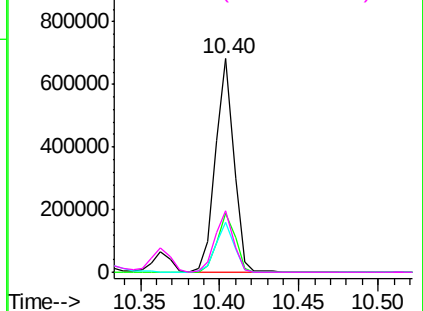
#63
Azobenzene
Concen: 40.675 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.02 min
Lab File: BF113742.D
Acq: 12 Apr 2019 17:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	549351
Ion	Ratio	Lower	Upper
77	100		
182	27.6	8.7	48.7
105	23.4	2.9	42.9
51	28.7	8.8	48.8

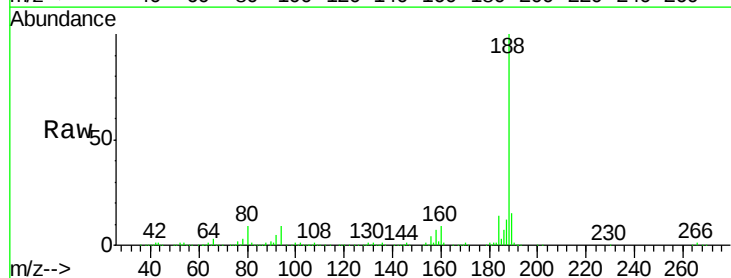


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

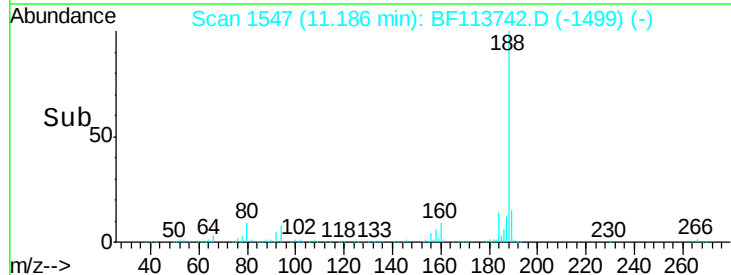
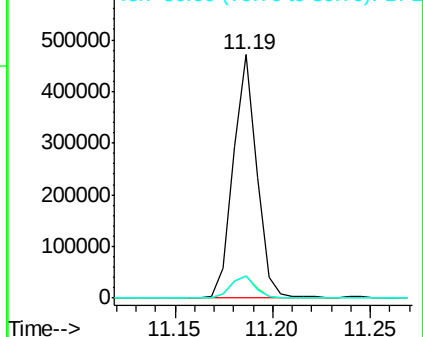


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF113742.D
Acq: 12 Apr 2019 17:00

Tgt Ion:	188	Resp:	394618
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.6
80	9.0	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: 30.047 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BF113742.D

Acq: 12 Apr 2019 17:00

Instrument :

BNA_F

ClientSampleId :

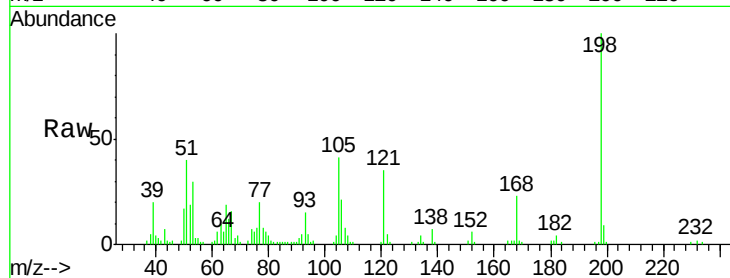
Tot Ion:198 Resp: 62423

Ion	Ratio	Lower	Upper
198	100		
51	39.8	21.6	61.6
105	40.9	20.6	60.6

198 100

51 39.8 21.6 61.6

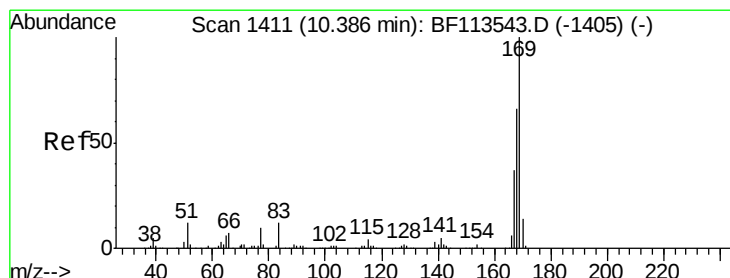
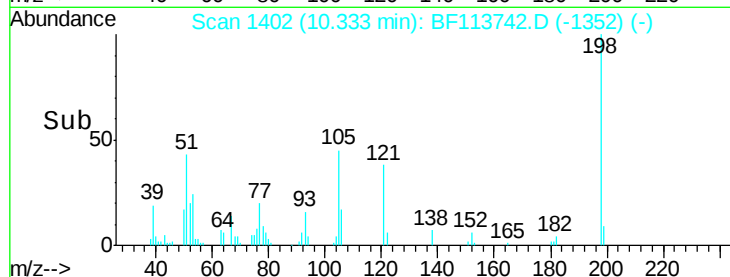
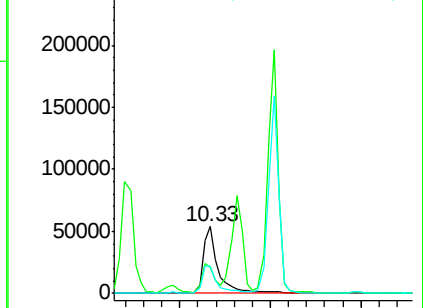
105 40.9 20.6 60.6



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: 42.663 ng

RT: 10.36 min Scan# 1407

Delta R.T. -0.02 min

Lab File: BF113742.D

Acq: 12 Apr 2019 17:00

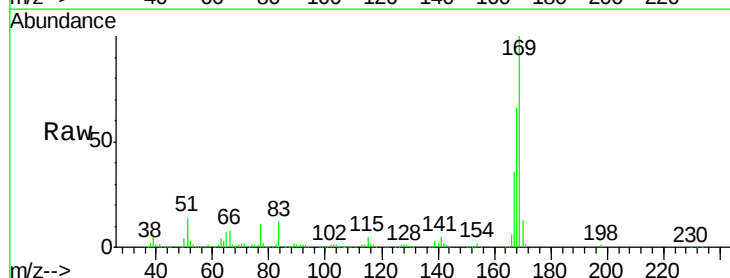
Tgt Ion:169 Resp: 516838

Ion	Ratio	Lower	Upper
169	100		
168	66.3	53.7	80.5
167	36.3	29.5	44.3

169 100

168 66.3 53.7 80.5

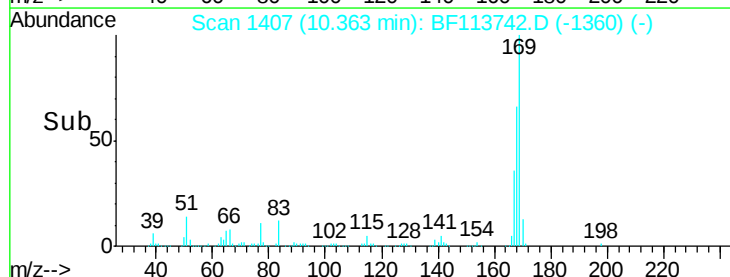
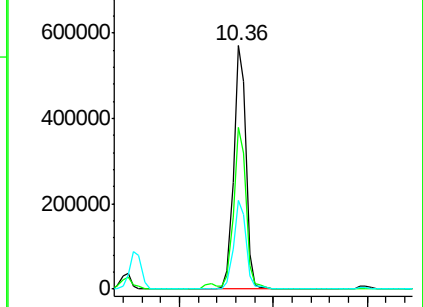
167 36.3 29.5 44.3

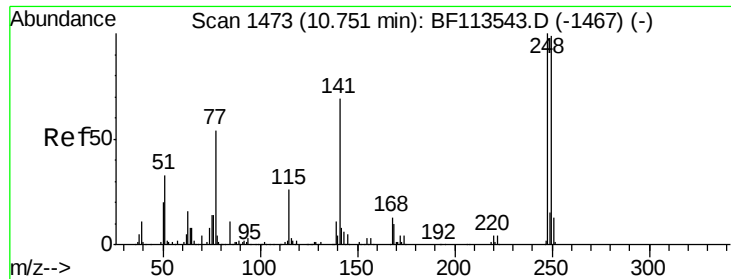


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

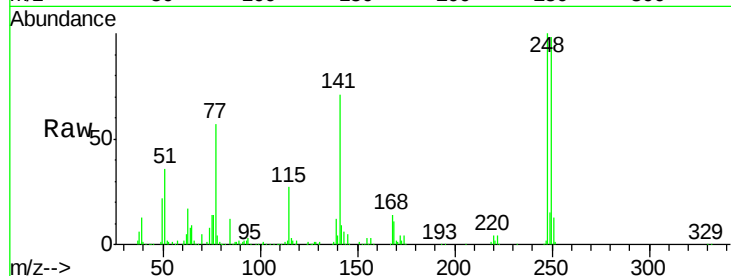




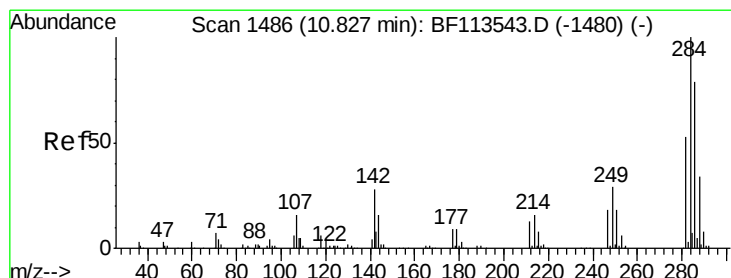
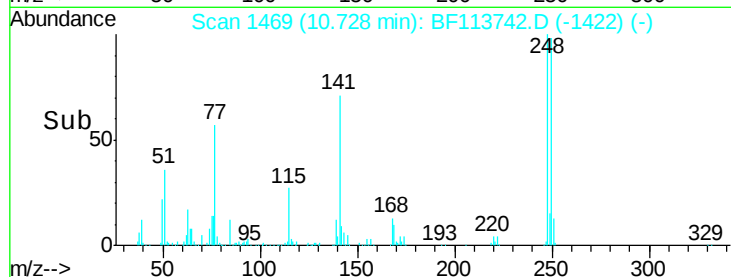
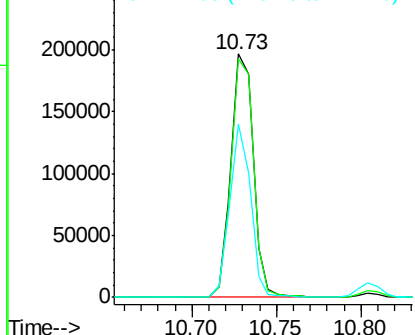
#67
4-Bromophenyl-phenylether
Concen: 41.088 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.02 min
Lab File: BF113742.D
Acq: 12 Apr 2019 17:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 181848
Ion Ratio Lower Upper
248 100
250 98.1 78.3 117.5
141 71.2 56.2 84.4

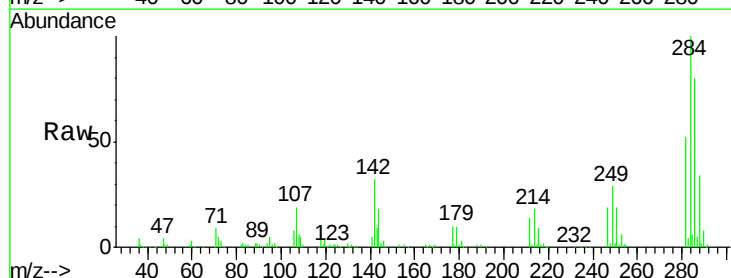


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

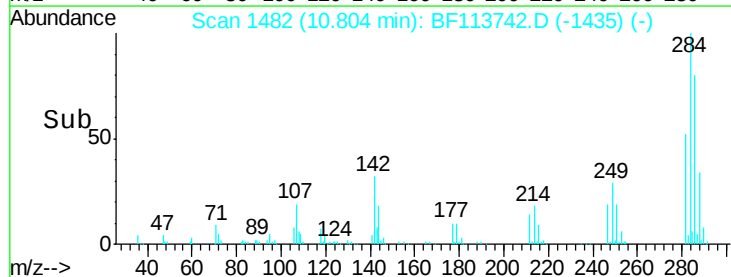
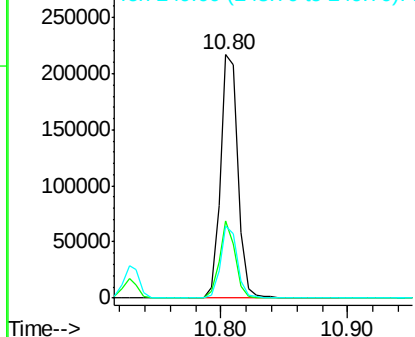


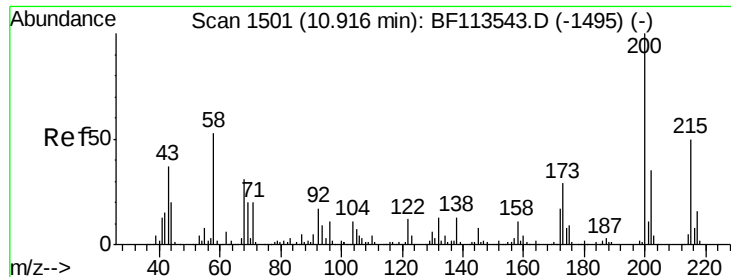
#68
Hexachlorobenzene
Concen: 41.277 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.02 min
Lab File: BF113742.D
Acq: 12 Apr 2019 17:00

Tgt Ion:284 Resp: 209325
Ion Ratio Lower Upper
284 100
142 31.8 20.1 30.1#
249 29.4 22.7 34.1



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





#69

Atrazine

Concen: 40.469 ng

RT: 10.90 min Scan# 1498

Delta R.T. -0.02 min

Lab File: BF113742.D

Acq: 12 Apr 2019 17:00

Instrument :

BNA_F

ClientSampled :

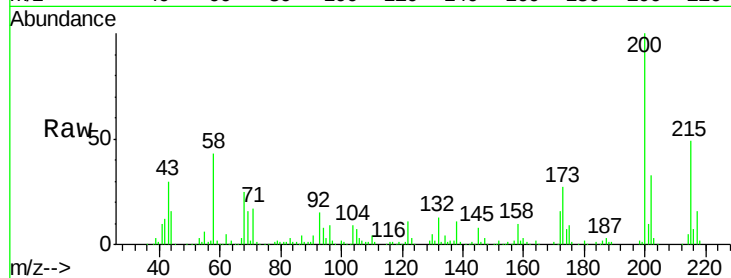
Tot Ion:200 Resp: 154529

Ion Ratio Lower Upper

200 100

173 27.1 6.0 46.0

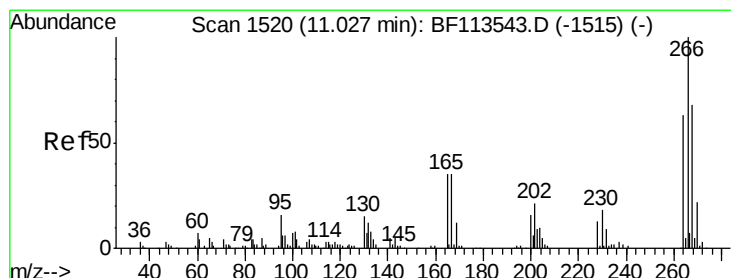
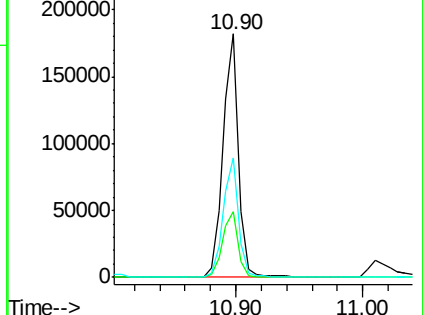
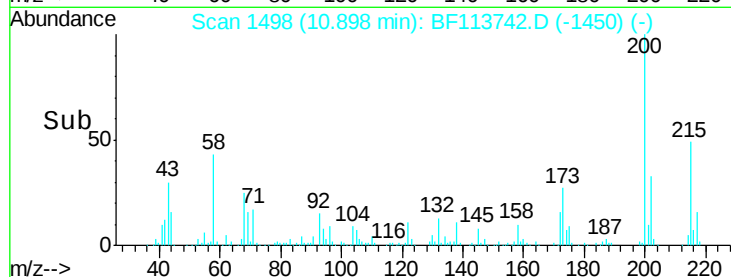
215 49.1 31.3 71.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 52.658 ng

RT: 11.01 min Scan# 1517

Delta R.T. -0.02 min

Lab File: BF113742.D

Acq: 12 Apr 2019 17:00

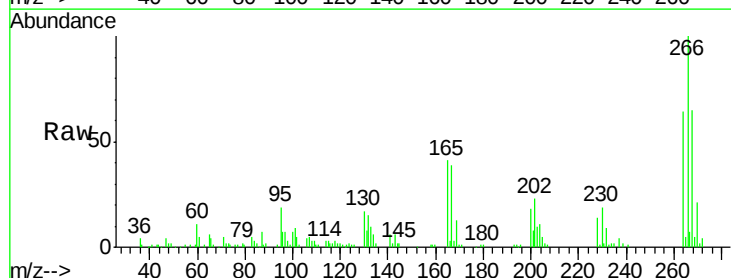
Tgt Ion:266 Resp: 125832

Ion Ratio Lower Upper

266 100

268 64.7 53.8 80.6

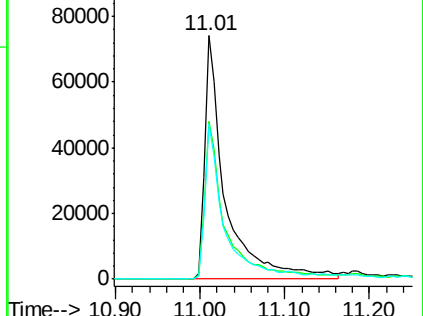
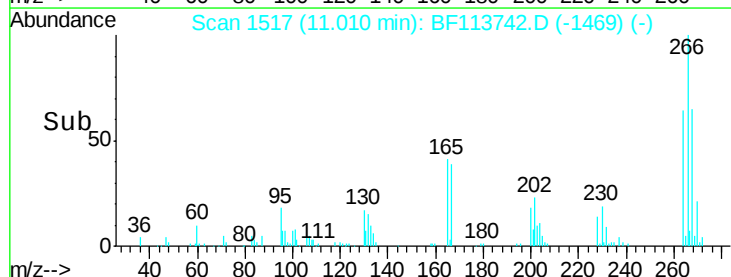
264 63.9 49.2 73.8

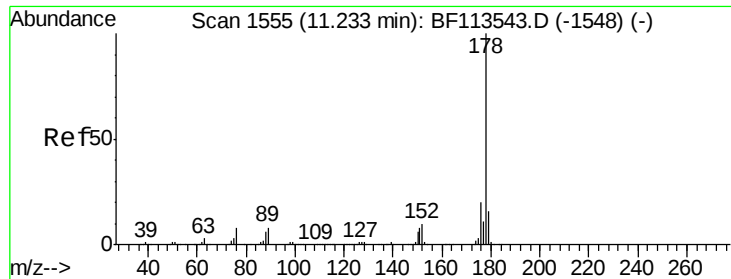


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

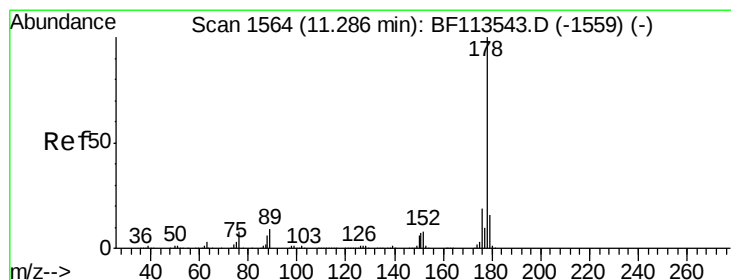
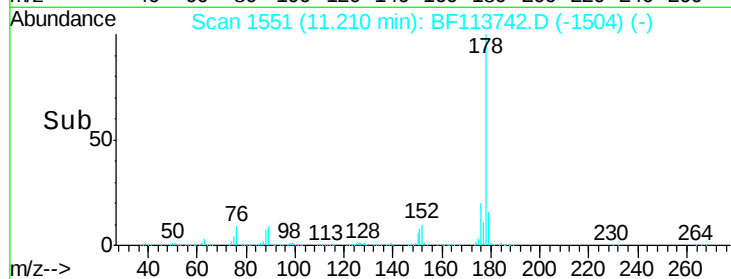
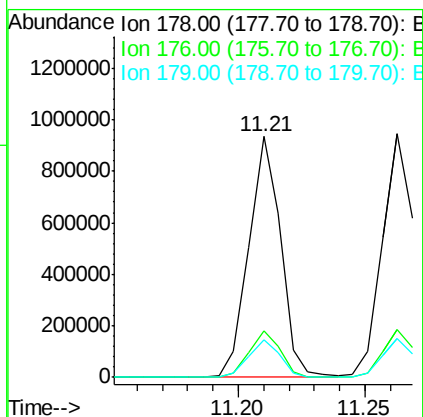
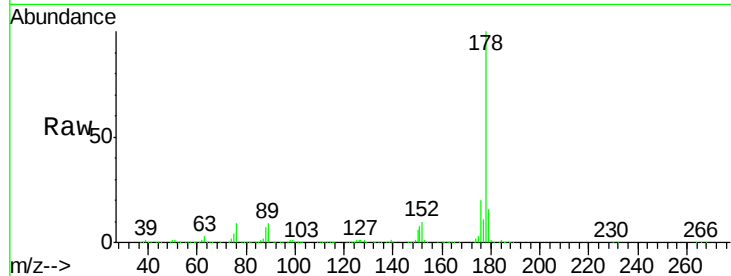




#71
Phenanthrene
Concen: 41.826 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.02 min
Lab File: BF113742.D
Acq: 12 Apr 2019 17:00

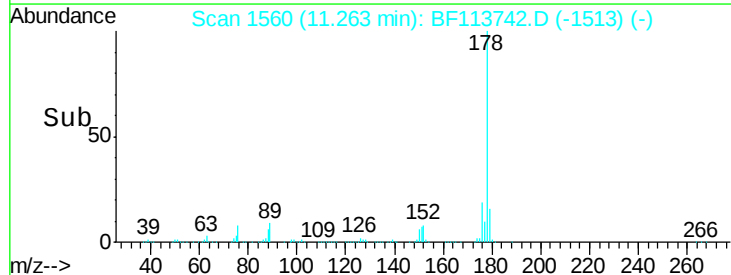
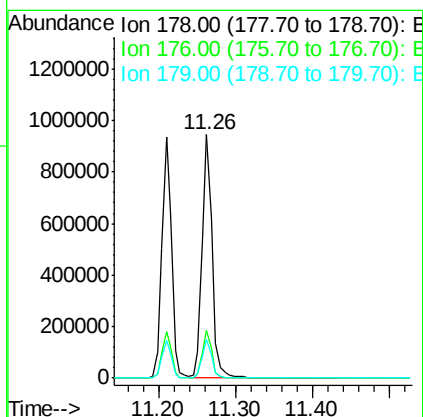
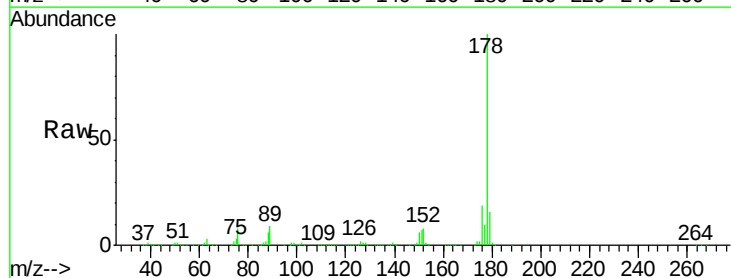
Instrument :
BNA_F
ClientSampleId :

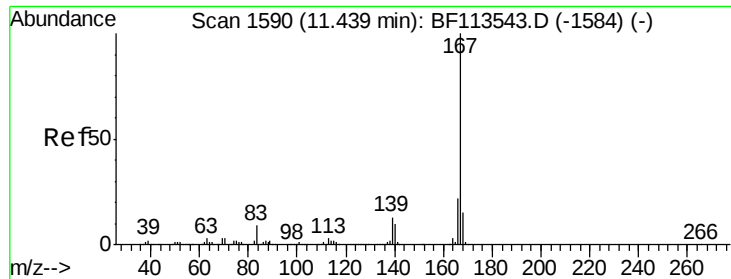
Tot Ion:178 Resp: 820156
Ion Ratio Lower Upper
178 100
176 19.5 16.2 24.2
179 15.7 12.7 19.1



#72
Anthracene
Concen: 43.622 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.02 min
Lab File: BF113742.D
Acq: 12 Apr 2019 17:00

Tgt Ion:178 Resp: 870281
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 16.2 12.8 19.2

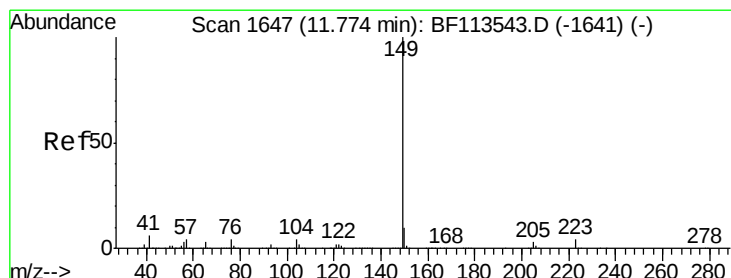
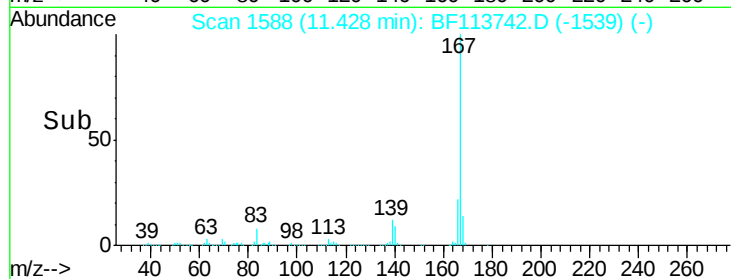
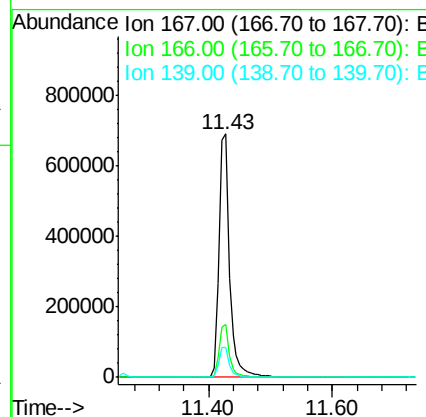
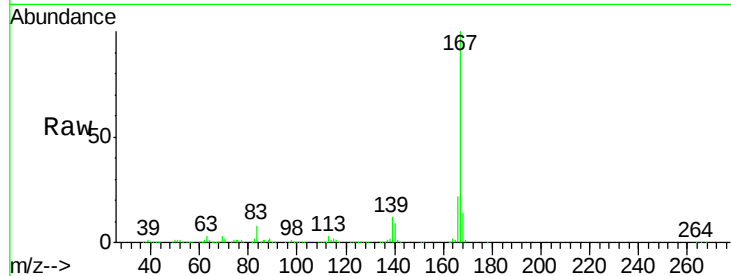




#73
 Carbazole
 Concen: 42.457 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF113742.D
 Acq: 12 Apr 2019 17:00

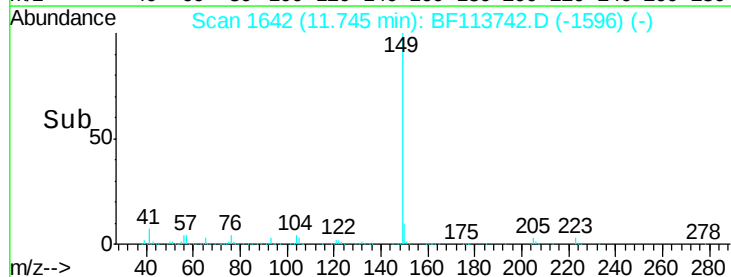
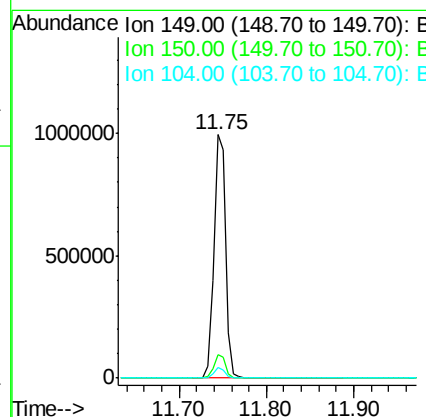
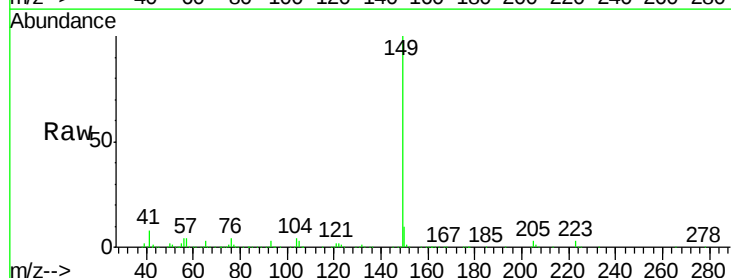
Instrument :
 BNA_F
 ClientSampleId :

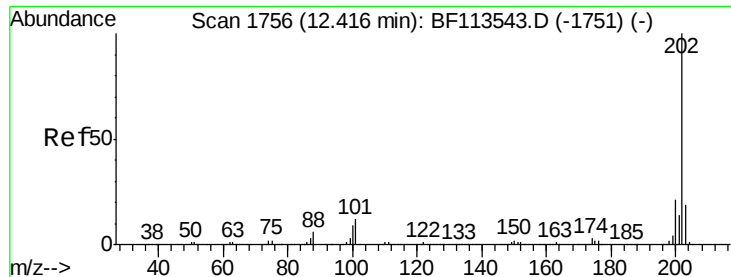
Tot Ion:167 Resp: 792221
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 12.0 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 41.485 ng
 RT: 11.75 min Scan# 1642
 Delta R.T. -0.03 min
 Lab File: BF113742.D
 Acq: 12 Apr 2019 17:00

Tgt Ion:149 Resp: 920838
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 4.4 3.7 5.5





#75

Fluoranthene

Concen: 40.961 ng

RT: 12.40 min Scan# 1753

Delta R.T. -0.02 min

Lab File: BF113742.D

Acq: 12 Apr 2019 17:00

Instrument :

BNA_F

ClientSampleId :

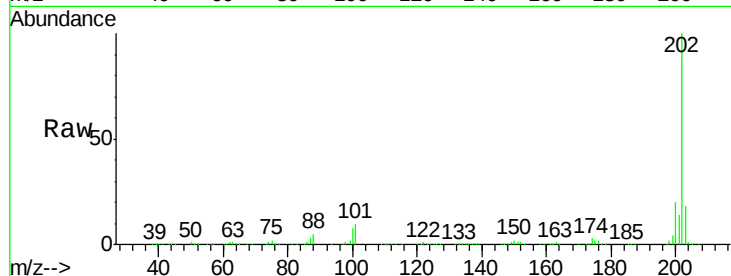
Tot Ion:202 Resp: 860690

Ion Ratio Lower Upper

202 100

101 10.4 0.0 31.4

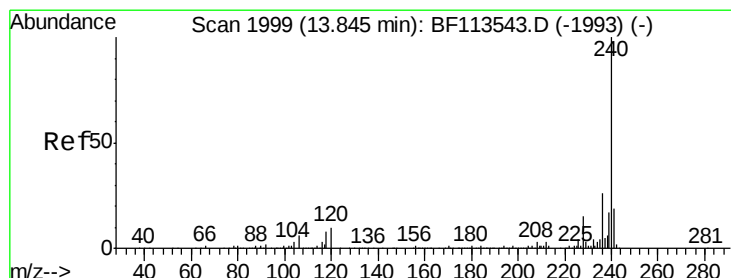
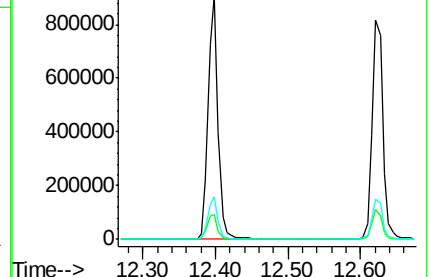
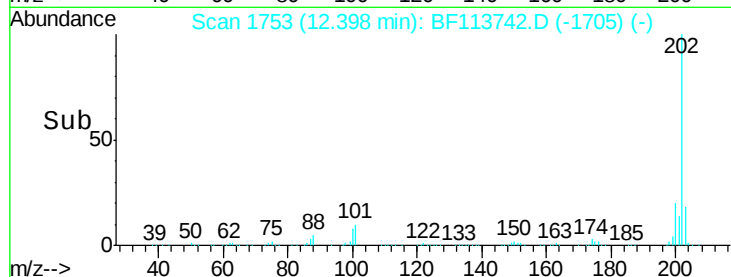
203 17.7 0.0 38.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF113742.D

Acq: 12 Apr 2019 17:00

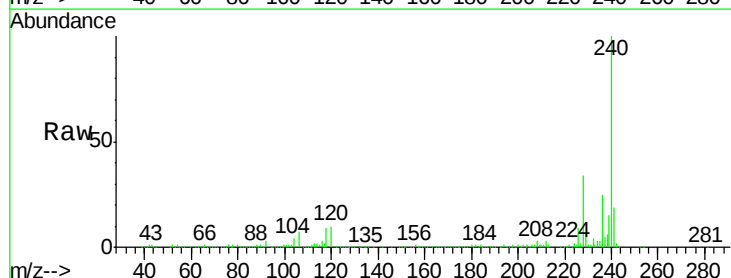
Tgt Ion:240 Resp: 269353

Ion Ratio Lower Upper

240 100

120 10.3 8.8 13.2

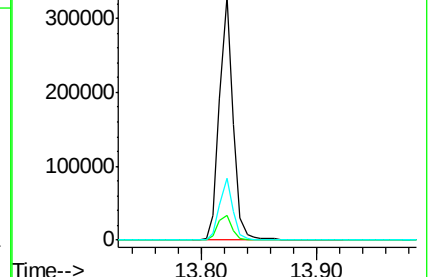
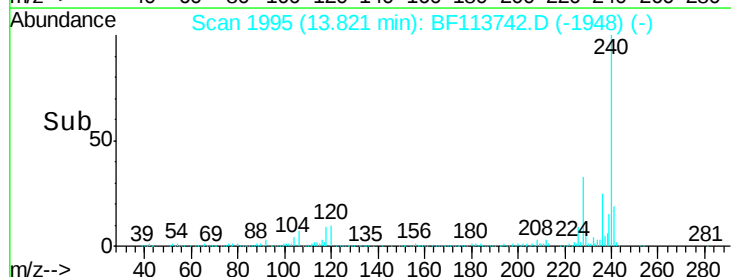
236 25.4 20.9 31.3

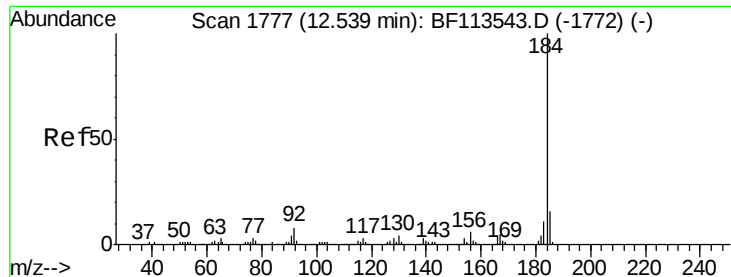


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 3.939 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF113742.D

Acq: 12 Apr 2019 17:00

Instrument :

BNA_F

ClientSampled :

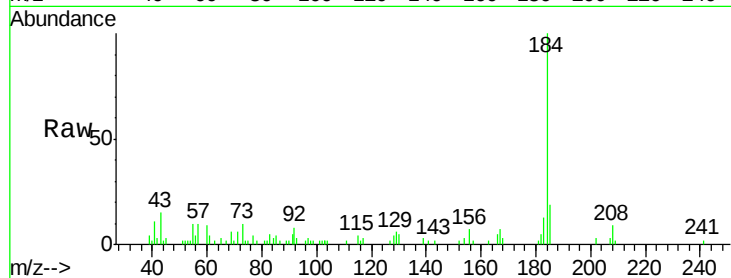
Tot Ion:184 Resp: 39454

Ion Ratio Lower Upper

184 100

185 19.5 13.0 19.6

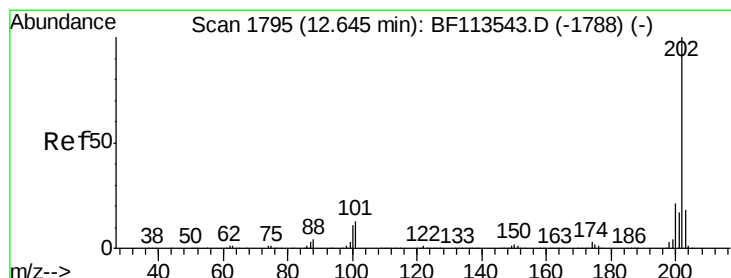
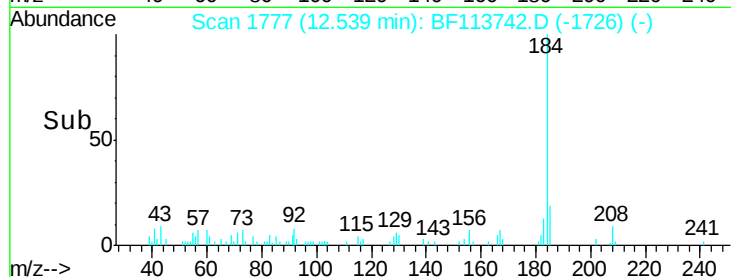
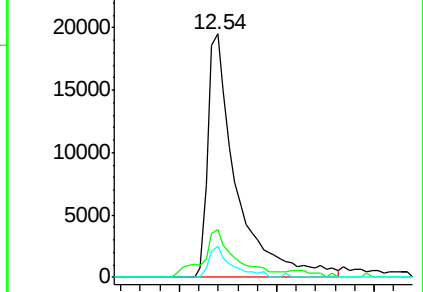
183 12.8 9.0 13.4



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: 41.284 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.02 min

Lab File: BF113742.D

Acq: 12 Apr 2019 17:00

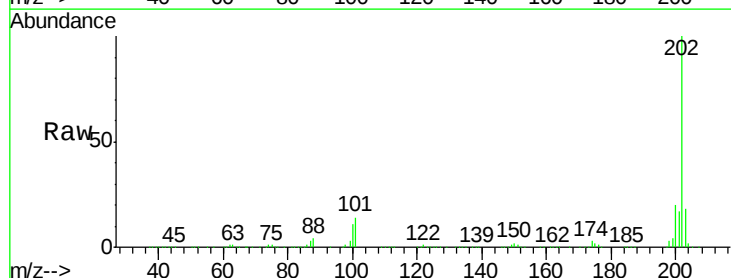
Tgt Ion:202 Resp: 846096

Ion Ratio Lower Upper

202 100

200 20.3 16.8 25.2

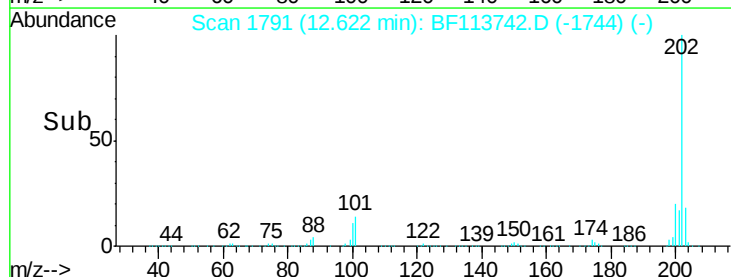
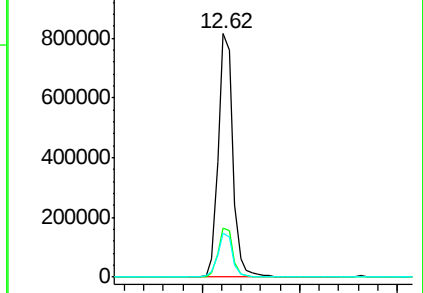
203 18.2 14.4 21.6



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



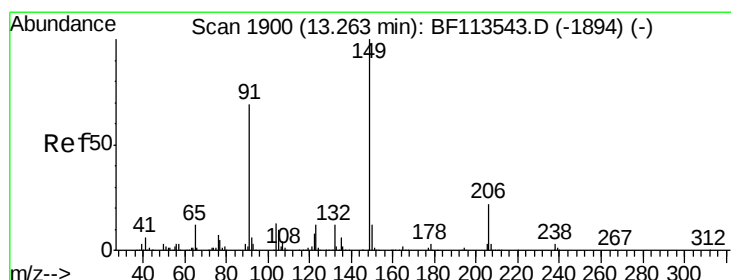
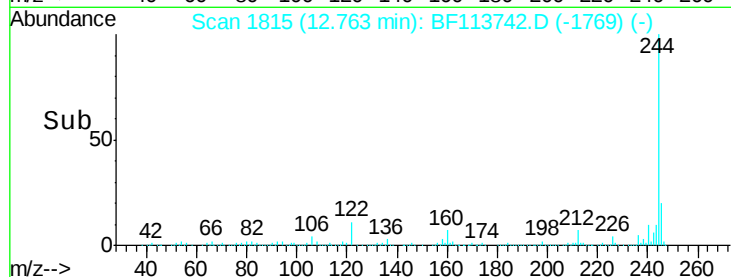
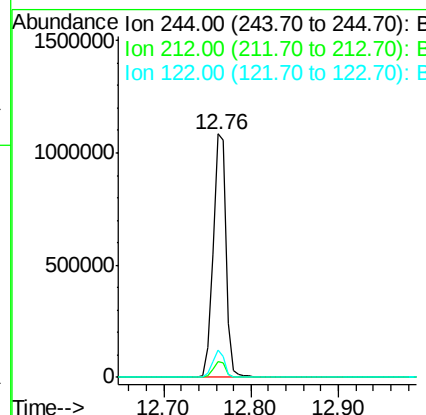
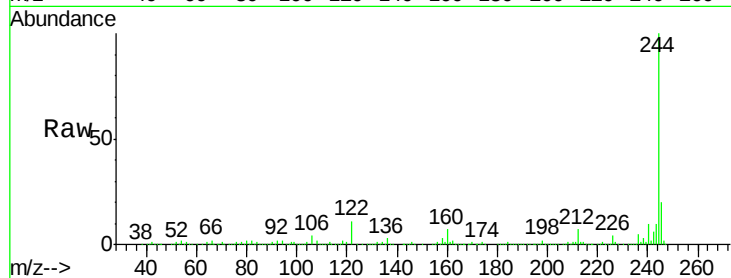


#79
 Terphenyl-d14
 Concen: 84.216 ng
 RT: 12.76 min Scan# 1815
 Delta R.T. -0.03 min
 Lab File: BF113742.D
 Acq: 12 Apr 2019 17:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1114130

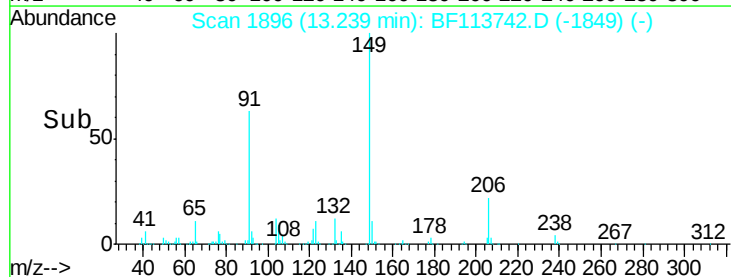
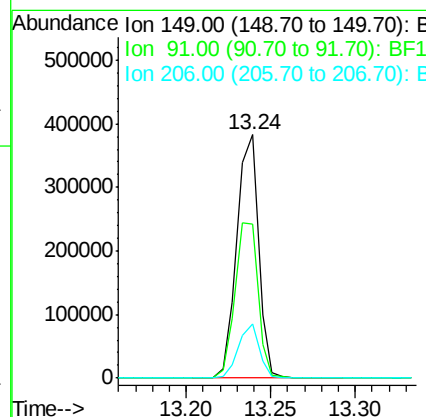
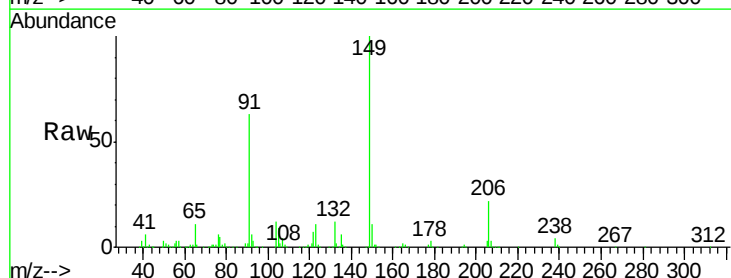
Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.5	8.3
122	11.4	8.6	13.0



#80
 Butylbenzylphthalate
 Concen: 41.154 ng
 RT: 13.24 min Scan# 1896
 Delta R.T. -0.02 min
 Lab File: BF113742.D
 Acq: 12 Apr 2019 17:00

Tgt Ion:149 Resp: 343330

Ion	Ratio	Lower	Upper
149	100		
91	63.5	55.2	82.8
206	22.0	16.1	24.1





#81

Benzo(a)anthracene

Concen: 39.527 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BF113742.D

Acq: 12 Apr 2019 17:00

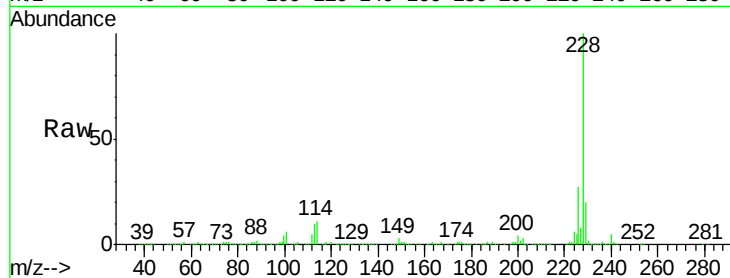
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 614167

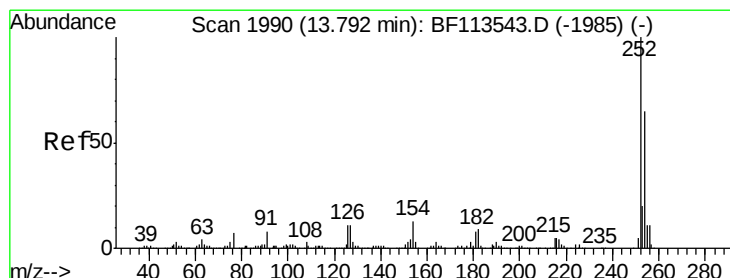
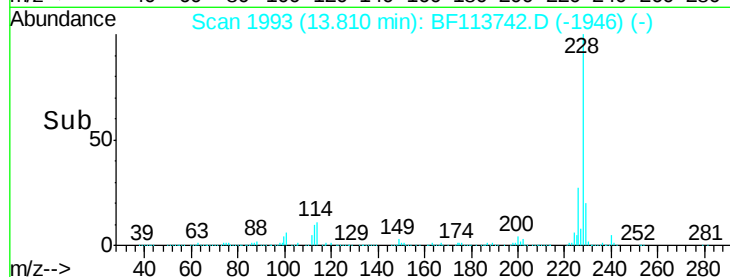
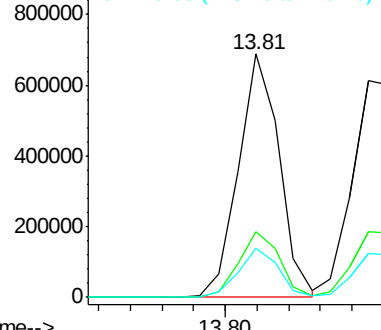
Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.8	32.8
229	20.3	16.2	24.4



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: 16.343 ng

RT: 13.77 min Scan# 1987

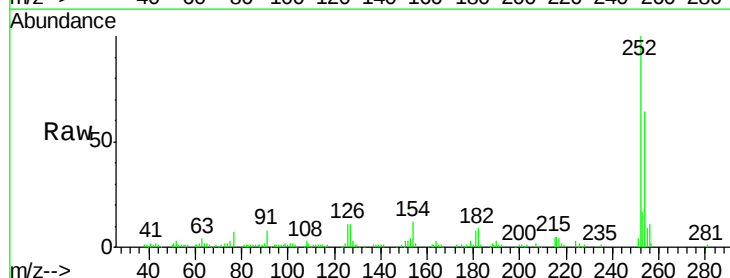
Delta R.T. -0.02 min

Lab File: BF113742.D

Acq: 12 Apr 2019 17:00

Tgt Ion:252 Resp: 97808

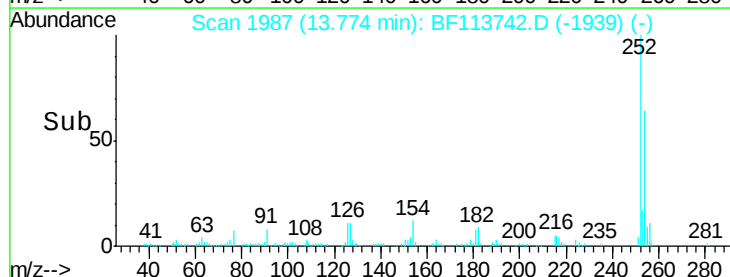
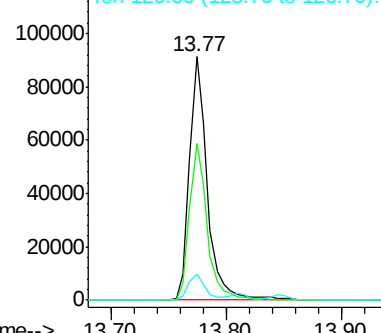
Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.2	78.2
126	10.6	8.5	12.7

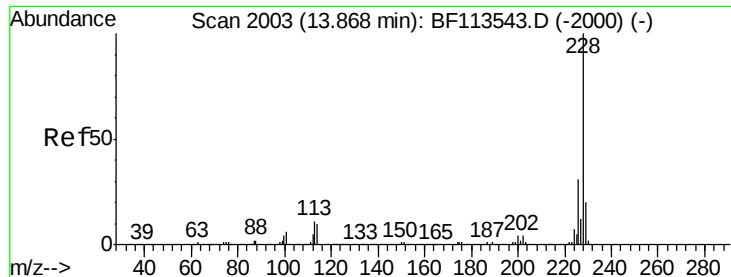


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.816 ng

RT: 13.85 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF113742.D

Acq: 12 Apr 2019 17:00

Instrument :

BNA_F

ClientSampled :

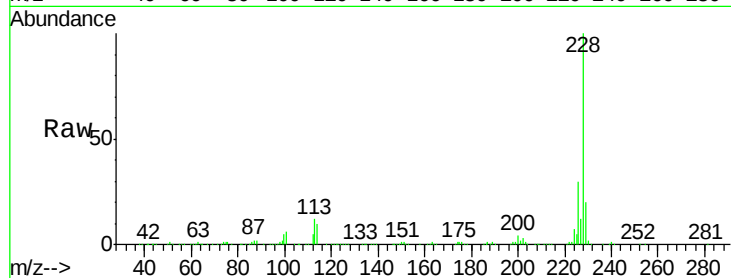
Tot Ion:228 Resp: 642888

Ion Ratio Lower Upper

228 100

226 30.1 24.3 36.5

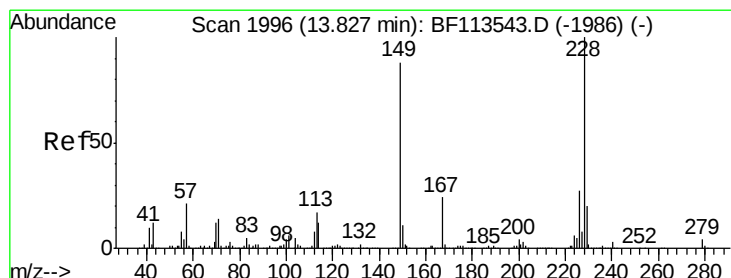
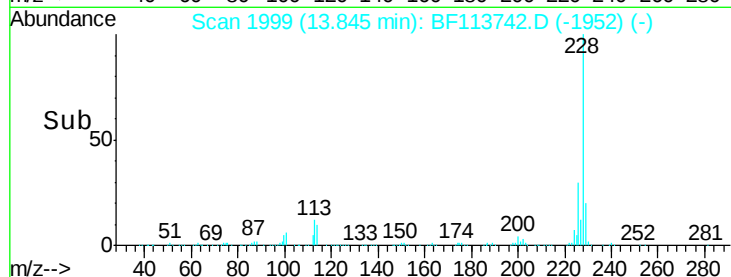
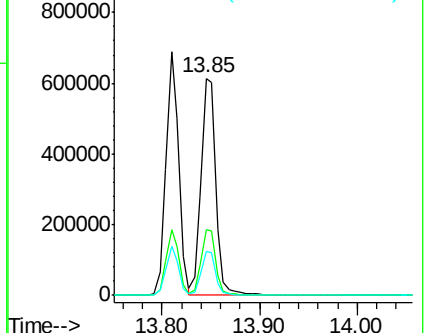
229 20.0 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.156 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.03 min

Lab File: BF113742.D

Acq: 12 Apr 2019 17:00

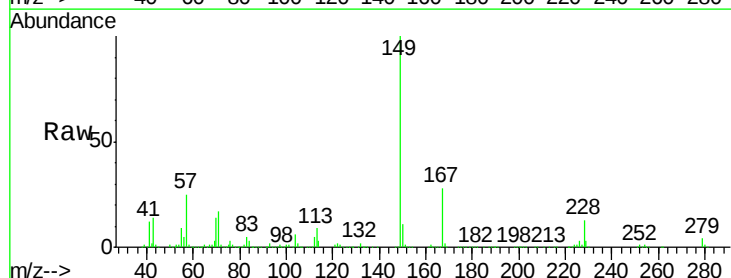
Tgt Ion:149 Resp: 445384

Ion Ratio Lower Upper

149 100

167 28.3 21.8 32.8

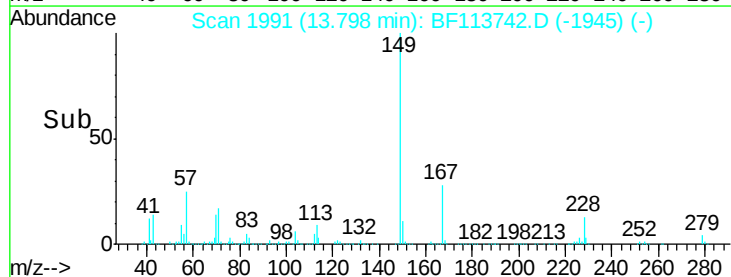
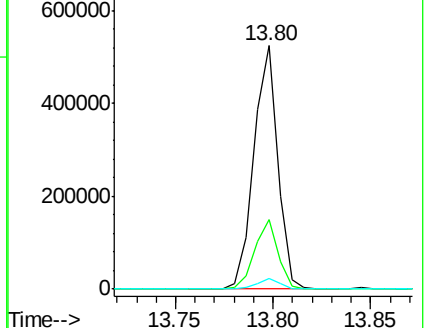
279 4.3 2.9 4.3#

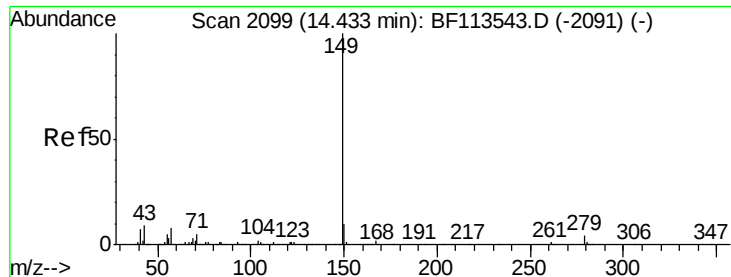


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.248 ng

RT: 14.40 min Scan# 2094

Delta R.T. -0.03 min

Lab File: BF113742.D

Acq: 12 Apr 2019 17:00

Instrument :

BNA_F

ClientSampleId :

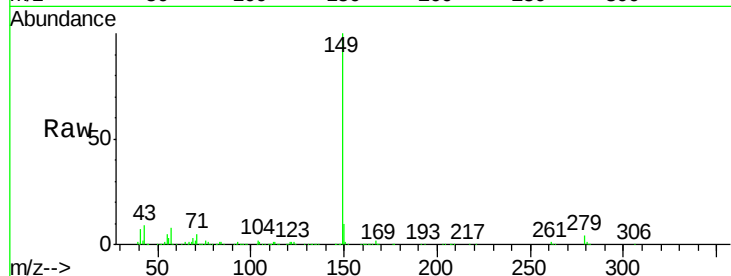
Tot Ion:149 Resp: 709088

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

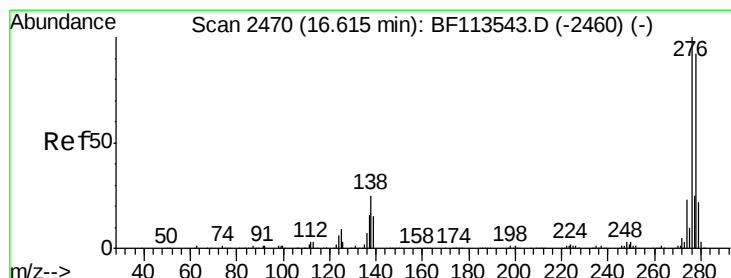
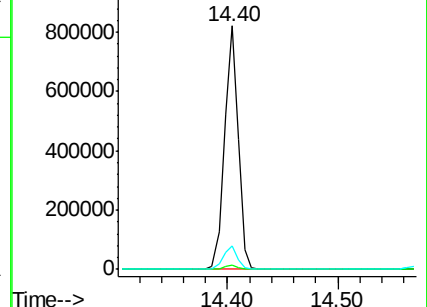
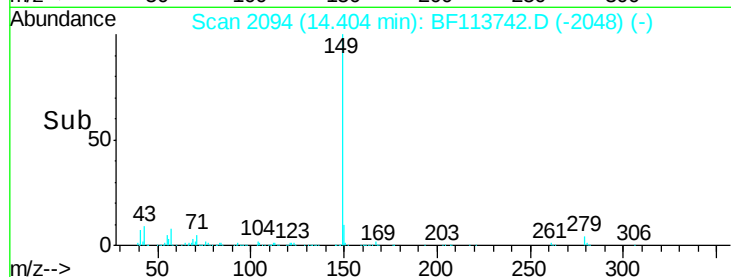
43 9.4 7.7 11.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 61.745 ng

RT: 16.60 min Scan# 2467

Delta R.T. -0.02 min

Lab File: BF113742.D

Acq: 12 Apr 2019 17:00

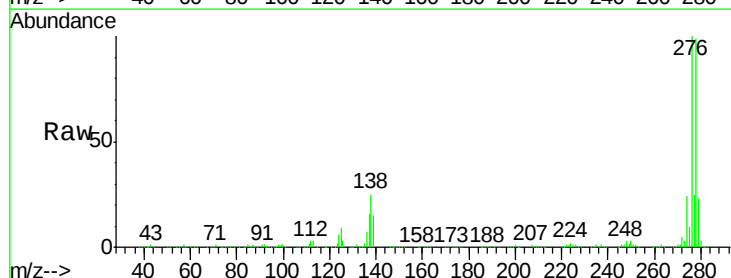
Tgt Ion:276 Resp: 897922

Ion Ratio Lower Upper

276 100

138 23.5 18.1 27.1

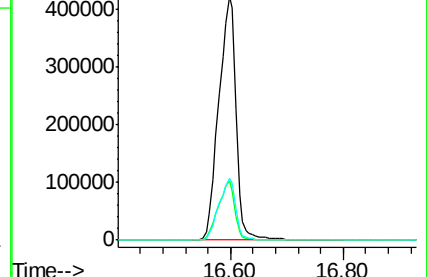
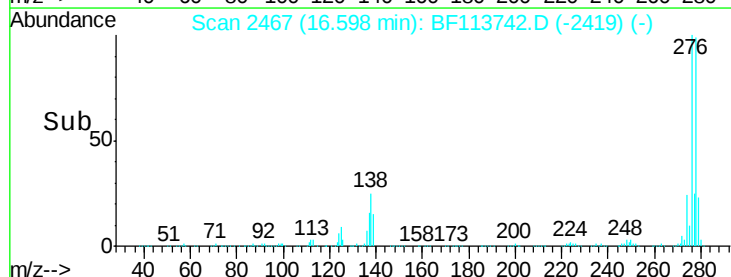
277 25.0 20.2 30.4

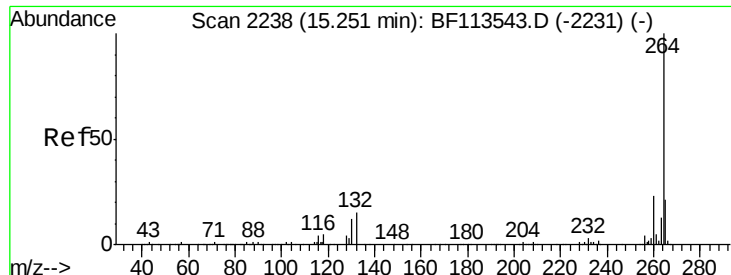


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

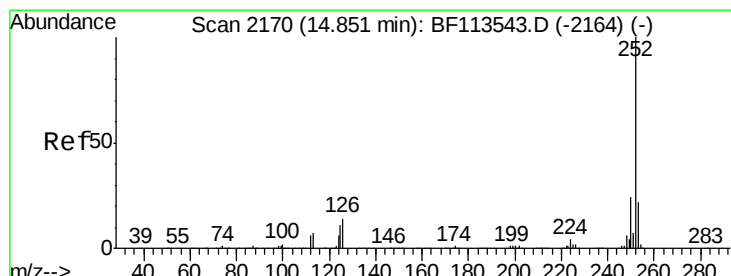
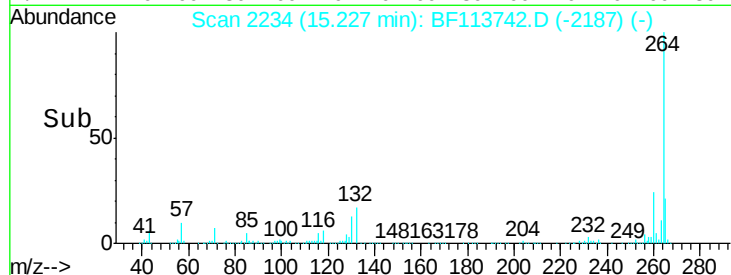
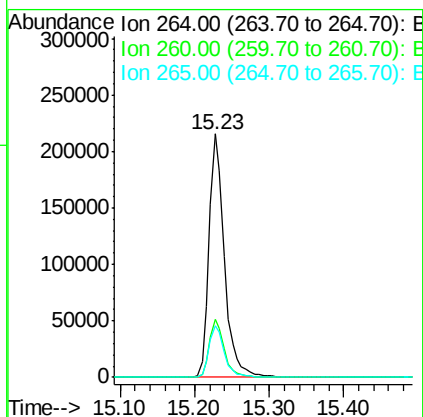
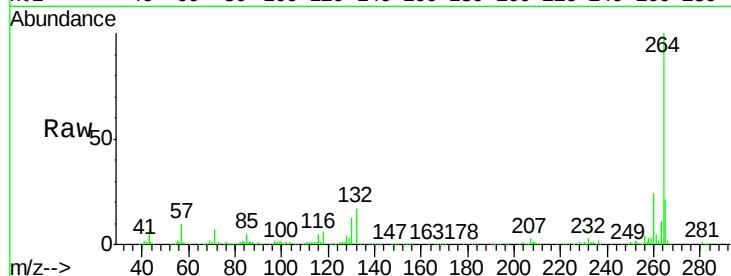




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.02 min
Lab File: BF113742.D
Acq: 12 Apr 2019 17:00

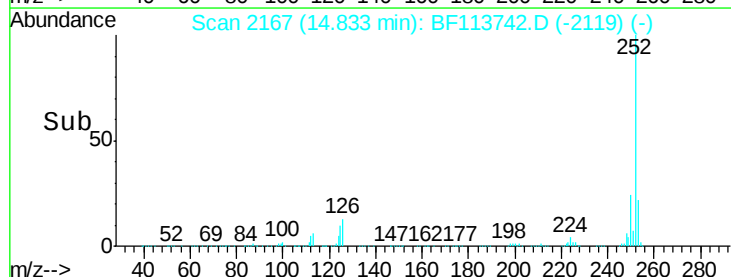
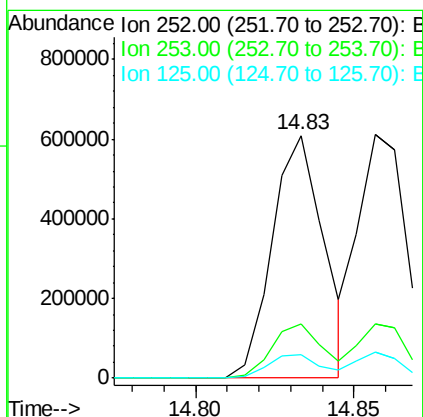
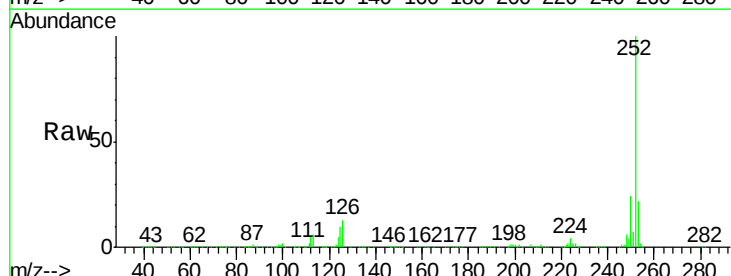
Instrument :
BNA_F
ClientSampleId :

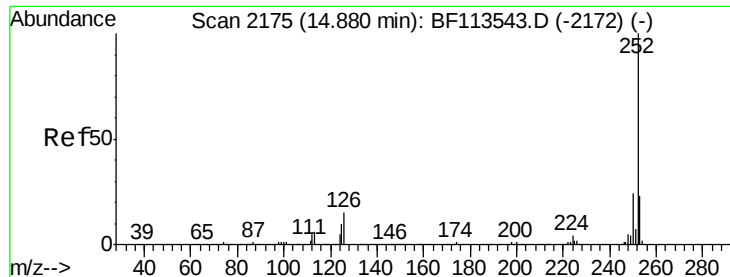
Tot Ion:264 Resp: 307146
Ion Ratio Lower Upper
264 100
260 23.8 19.1 28.7
265 21.2 17.1 25.7



#88
Benzo(b)fluoranthene
Concen: 36.774 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BF113742.D
Acq: 12 Apr 2019 17:00

Tgt Ion:252 Resp: 691389
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 9.6 7.6 11.4





#89

Benzo(k)fluoranthene

Concen: 39.780 ng

RT: 14.86 min Scan# 2171

Delta R.T. -0.02 min

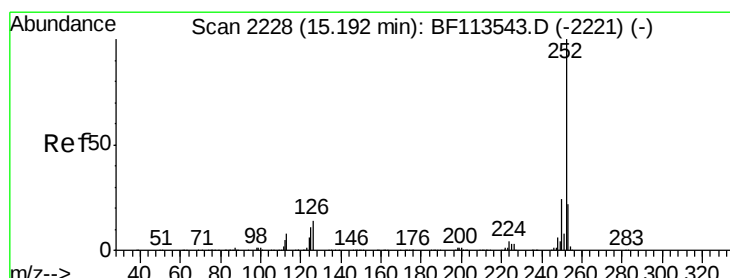
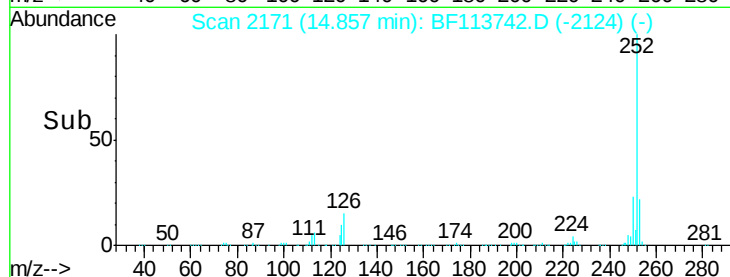
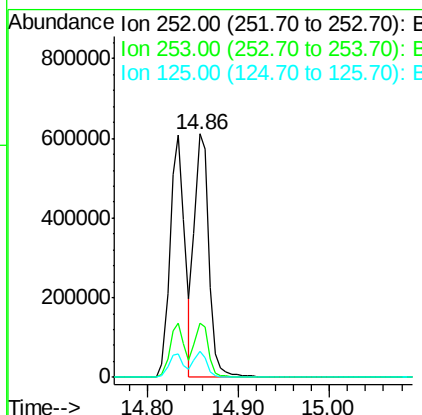
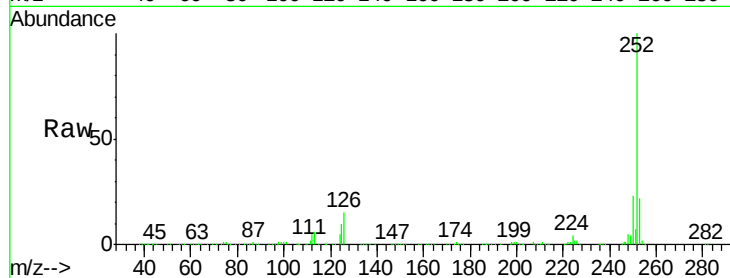
Lab File: BF113742.D

Acq: 12 Apr 2019 17:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 671232

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	10.4	7.3	10.9



#90

Benzo(a)pyrene

Concen: 41.933 ng

RT: 15.17 min Scan# 2225

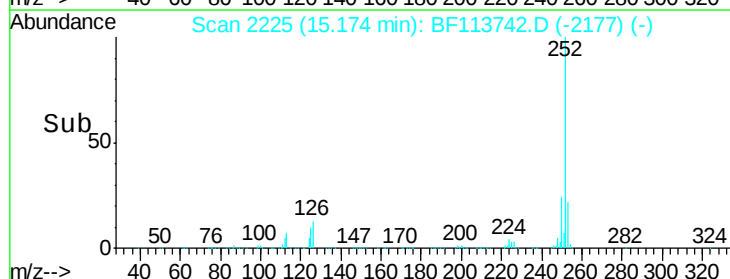
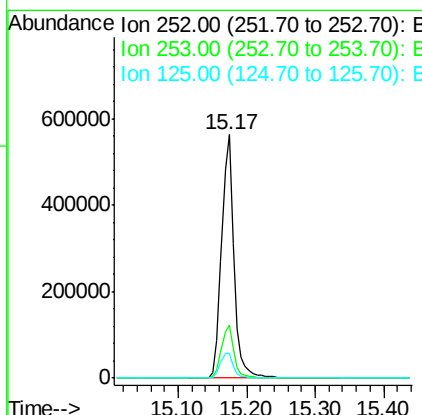
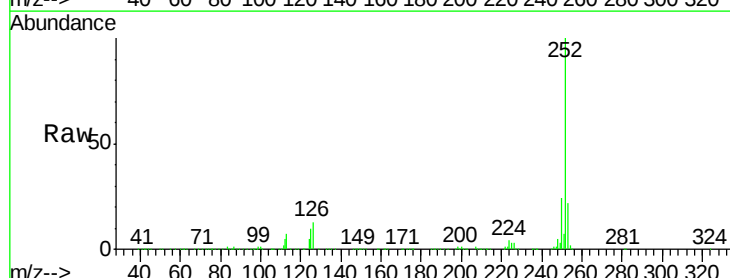
Delta R.T. -0.02 min

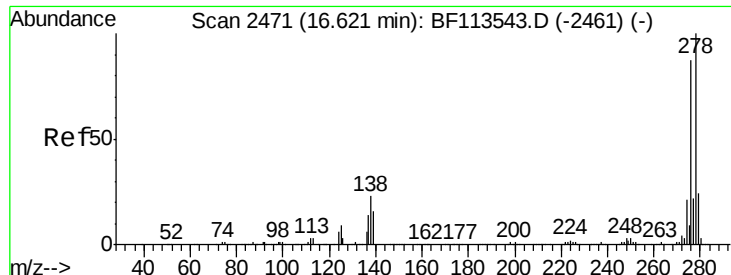
Lab File: BF113742.D

Acq: 12 Apr 2019 17:00

Tgt Ion:252 Resp: 700567

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	10.0	8.8	13.2

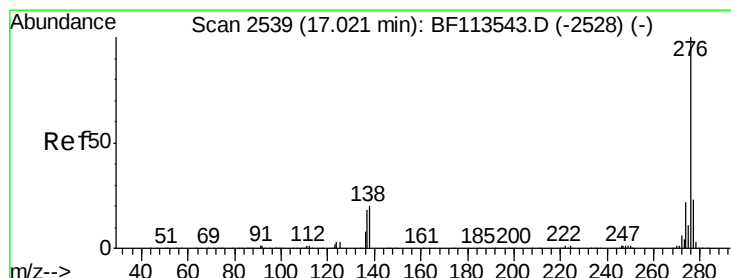
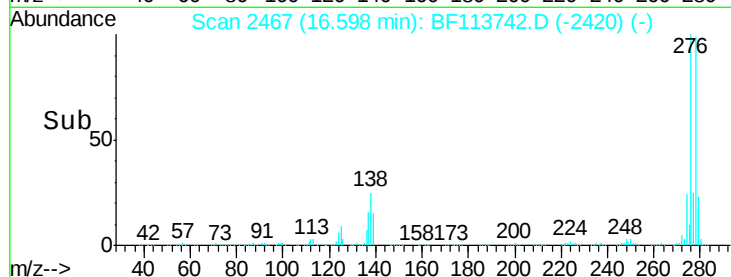
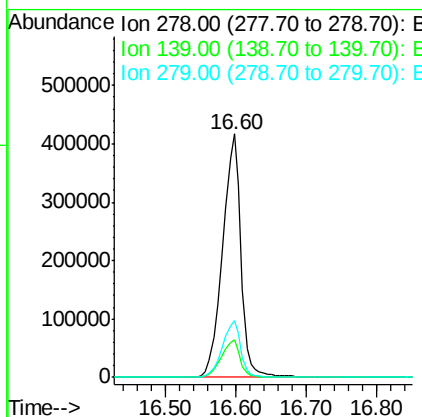
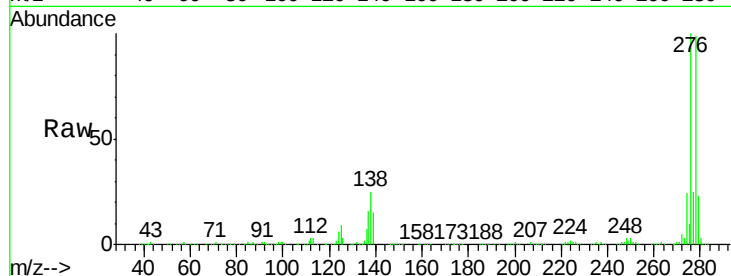




#91
Dibenzo(a,h)anthracene
Concen: 48.323 ng
RT: 16.60 min Scan# 2467
Delta R.T. -0.02 min
Lab File: BF113742.D
Acq: 12 Apr 2019 17:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.0	18.0
279	23.4	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 49.645 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.02 min
Lab File: BF113742.D
Acq: 12 Apr 2019 17:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.8	28.2
138	20.9	15.6	23.4

