

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032219\
 Data File : BF113233.D
 Acq On : 22 Mar 2019 14:31
 Operator : JU/SJ
 Sample : K2040-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 22 23:26:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	152772	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	558059	20.00	ng	-0.02
39) Acenaphthene-d10	9.75	164	277616	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	559533	20.00	ng	-0.01
76) Chrysene-d12	13.87	240	425220	20.00	ng	0.00
87) Perylene-d12	15.27	264	388631	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1037491	105.64	ng	0.00
7) Phenol-d6	6.37	99	1325264	107.42	ng	0.00
23) Nitrobenzene-d5	7.28	82	828175	88.80	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	460295	156.18	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1528660	93.78	ng	-0.01
79) Terphenyl-d14	12.82	244	1965936	89.62	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.41	88	152279	30.932	ng	97
3) Pyridine	3.13	79	401707	30.500	ng	99
4) n-Nitrosodimethylamine	3.06	42	205772	35.715	ng	99
6) Aniline	6.38	93	375113	22.089	ng	# 33
8) 2-Chlorophenol	6.51	128	422898	38.682	ng	95
9) Benzaldehyde	6.26	77	111615	12.556	ng	97
10) Phenol	6.39	94	479510	33.308	ng	91
11) bis(2-Chloroethyl)ether	6.46	93	410099	37.113	ng	96
12) 1,3-Dichlorobenzene	6.66	146	442443	39.176	ng	98
13) 1,4-Dichlorobenzene	6.73	146	451569	39.870	ng	98
14) 1,2-Dichlorobenzene	6.89	146	416102	40.076	ng	99
15) Benzyl Alcohol	6.87	79	348983	37.097	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	638248	34.611	ng	83
17) 2-Methylphenol	6.99	107	338266	38.140	ng	94
18) Hexachloroethane	7.23	117	153168	35.304	ng	95
19) n-Nitroso-di-n-propylamine	7.14	70	286283	36.640	ng	99
20) 3+4-Methylphenols	7.14	107	422878	42.232	ng	# 72
22) Acetophenone	7.13	105	574367	44.016	ng	# 91
24) Nitrobenzene	7.30	77	417872	40.257	ng	97
25) Isophorone	7.55	82	768155	38.232	ng	98
26) 2-Nitrophenol	7.62	139	241552	55.902	ng	96
27) 2,4-Dimethylphenol	7.67	122	360658	44.865	ng	98
28) bis(2-Chloroethoxy)methane	7.75	93	525924	41.867	ng	100
29) 2,4-Dichlorophenol	7.87	162	368773	47.305	ng	95
30) 1,2,4-Trichlorobenzene	7.95	180	391320	46.718	ng	99
31) Naphthalene	8.02	128	1183835	42.728	ng	100
32) Benzoic acid	7.77	122	77181	13.699	ng	90
33) 4-Chloroaniline	8.07	127	227717	19.405	ng	98
34) Hexachlorobutadiene	8.15	225	219087	46.378	ng	99
35) Caprolactam	8.45	113	60547	22.052	ng	89
36) 4-Chloro-3-methylphenol	8.57	107	355392	41.194	ng	93
37) 2-Methylnaphthalene	8.72	142	770081	43.039	ng	99
38) 1-Methylnaphthalene	8.81	142	718377	41.448	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	356656	44.056	ng	99

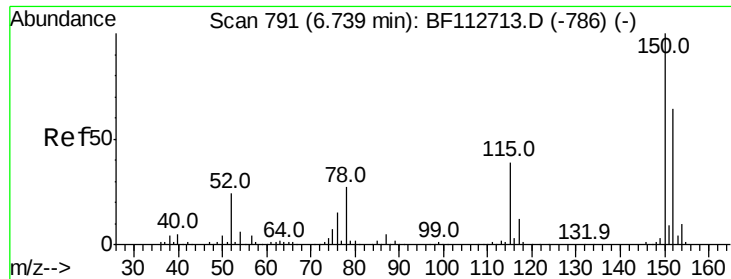
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032219\
 Data File : BF113233.D
 Acq On : 22 Mar 2019 14:31
 Operator : JU/SJ
 Sample : K2040-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 22 23:26:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	366648	82.706	nq	98
43) 2,4,6-Trichlorophenol	9.00	196	254385	45.657	nq	99
44) 2,4,5-Trichlorophenol	9.05	196	270281	44.881	nq	96
46) 1,1'-Biphenyl	9.18	154	982583	43.393	nq	98
47) 2-Chloronaphthalene	9.20	162	757171	42.824	nq	98
48) 2-Nitroaniline	9.30	65	245925	45.760	nq	96
49) Acenaphthylene	9.62	152	1234697	41.134	nq	99
50) Dimethylphthalate	9.48	163	1073795	52.457	nq	100
51) 2,6-Dinitrotoluene	9.55	165	208956	49.020	nq #	74
52) Acenaphthene	9.79	154	709469	40.418	nq	99
53) 3-Nitroaniline	9.71	138	166933	32.139	nq	98
54) 2,4-Dinitrophenol	9.82	184	181704	102.257	nq	93
55) Dibenzofuran	9.96	168	1082418	42.428	nq	99
56) 4-Nitrophenol	9.89	139	322446	76.384	nq	98
57) 2,4-Dinitrotoluene	9.95	165	270287	51.011	nq	88
58) Fluorene	10.30	166	816625	45.099	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.09	232	252786	50.382	nq	92
60) Diethylphthalate	10.18	149	934975	43.247	nq	99
61) 4-Chlorophenyl-phenylether	10.29	204	418916	49.725	nq	94
62) 4-Nitroaniline	10.33	138	228111	47.526	nq	98
63) Azobenzene	10.45	77	853784	38.556	nq	96
65) 4,6-Dinitro-2-methylphenol	10.36	198	133811	57.222	nq #	72
66) n-Nitrosodiphenylamine	10.42	169	772060	43.024	nq	100
67) 4-Bromophenyl-phenylether	10.78	248	275096	46.677	nq	93
68) Hexachlorobenzene	10.85	284	317721	47.824	nq	94
69) Atrazine	10.95	200	245886	44.740	nq	98
70) Pentachlorophenol	11.05	266	313410	80.151	nq	98
71) Phenanthrene	11.26	178	1210787	43.493	nq	100
72) Anthracene	11.31	178	1249007	42.860	nq	99
73) Carbazole	11.47	167	1182904	41.611	nq	99
74) Di-n-butylphthalate	11.80	149	1565498	45.928	nq	100
75) Fluoranthene	12.44	202	1391951	46.669	nq	97
77) Benzidine	12.56	184	471831	21.387	nq	98
78) Pyrene	12.67	202	1411532	39.376	nq	100
80) Butylbenzylphthalate	13.29	149	751827	47.515	nq	88
81) Benzo(a)anthracene	13.86	228	1078243	36.587	nq	99
82) 3,3'-Dichlorobenzidine	13.82	252	293990	26.377	nq	99
83) Chrysene	13.89	228	1075803	37.267	nq	99
84) Bis(2-ethylhexyl)phthalate	13.85	149	918698	49.500	nq	100
85) Di-n-octyl phthalate	14.46	149	1551323	48.678	nq	97
86) Indeno(1,2,3-cd)pyrene	16.65	276	1196455	48.616	nq	94
88) Benzo(b)fluoranthene	14.90	252	901299	35.854	nq	98
89) Benzo(k)fluoranthene	14.90	252	901299	39.583	nq	98
90) Benzo(a)pyrene	15.22	252	942671	42.396	nq #	96
91) Dibenzo(a,h)anthracene	16.66	278	987377	52.040	nq	97
92) Benzo(g,h,i)perylene	17.06	276	1050032	55.115	nq	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.02 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Instrument :

BNA_F

ClientSampleId :

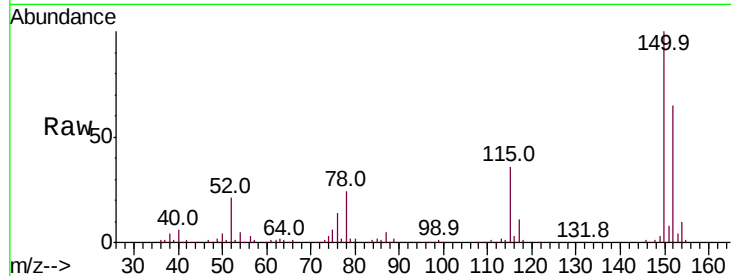
Tot Ion:152 Resp: 152772

Ion Ratio Lower Upper

152 100

150 155.0 124.2 186.2

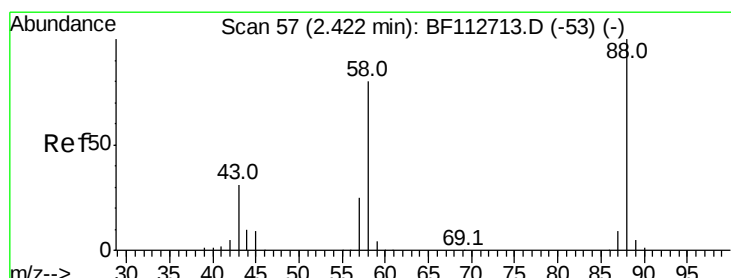
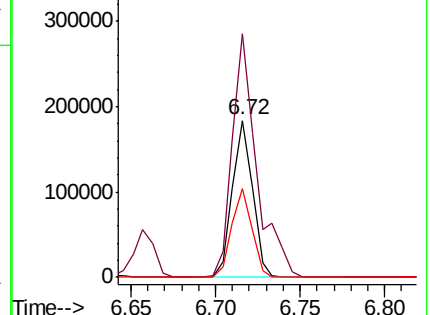
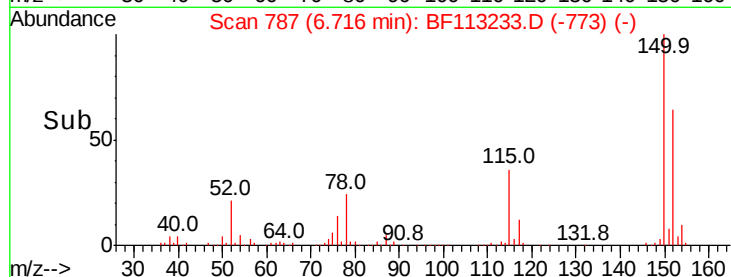
115 56.4 48.2 72.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.932 ng

RT: 2.41 min Scan# 55

Delta R.T. -0.03 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

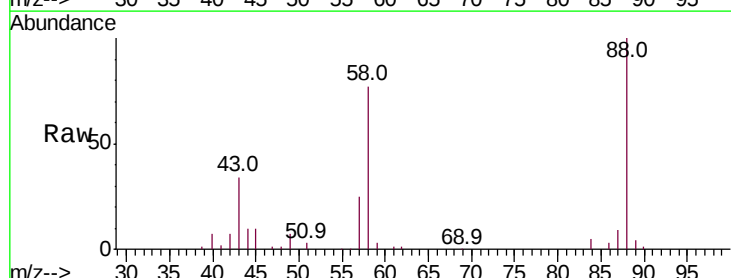
Tgt Ion: 88 Resp: 152279

Ion Ratio Lower Upper

88 100

58 77.7 63.1 94.7

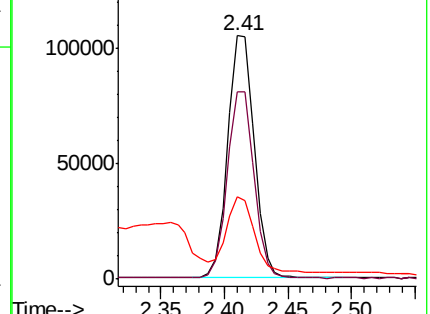
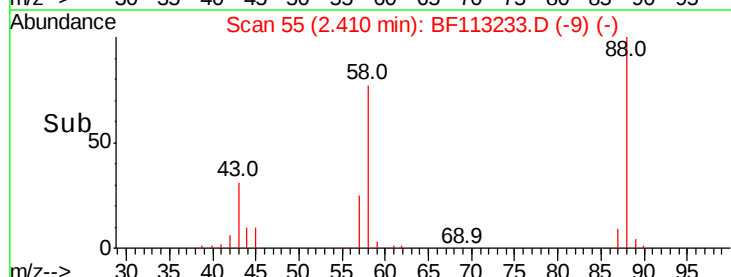
43 33.7 24.3 36.5

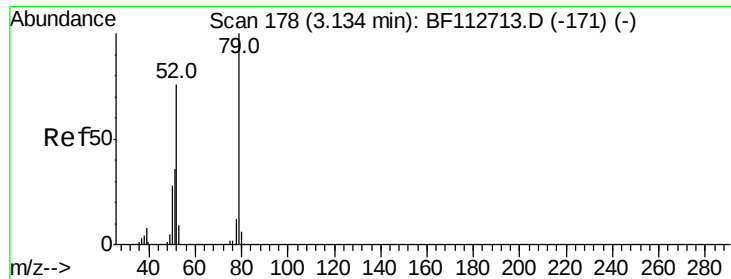


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 30.500 ng

RT: 3.13 min Scan# 177

Delta R.T. -0.02 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Instrument :

BNA_F

ClientSampleId :

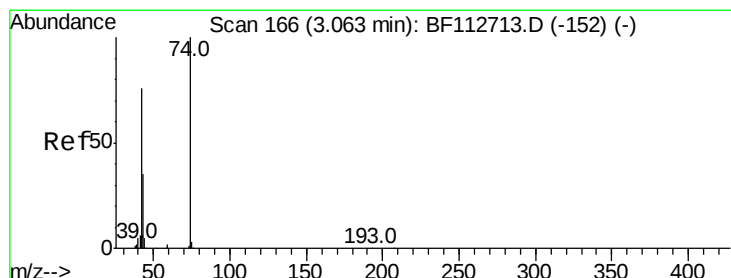
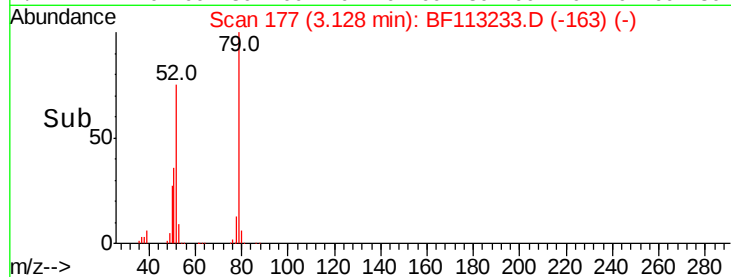
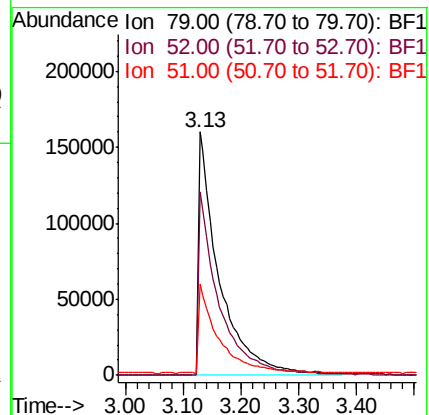
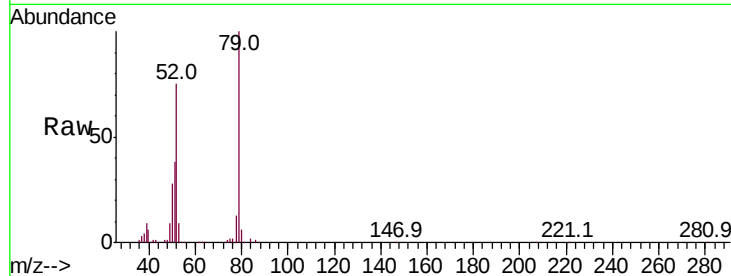
Tot Ion: 79 Resp: 401707

Ion Ratio Lower Upper

79 100

52 75.5 60.5 90.7

51 37.6 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 35.715 ng

RT: 3.06 min Scan# 165

Delta R.T. -0.03 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

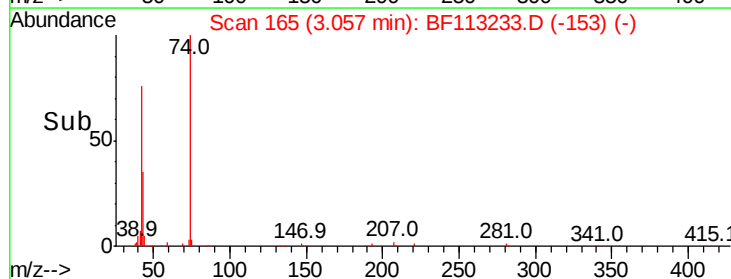
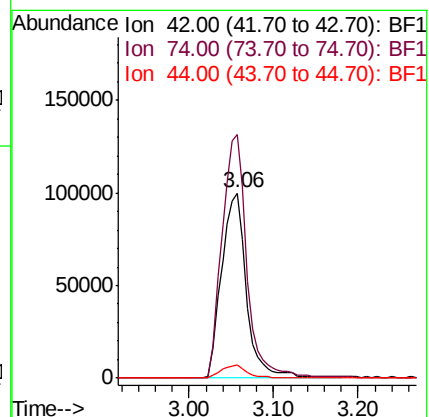
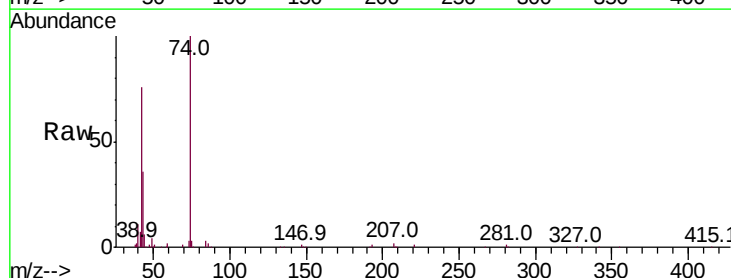
Tgt Ion: 42 Resp: 205772

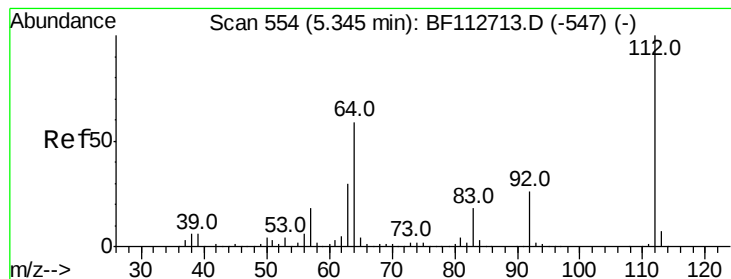
Ion Ratio Lower Upper

42 100

74 131.4 105.8 158.8

44 7.4 6.2 9.2





#5

2-Fluorophenol

Concen: 105.639 ng

RT: 5.34 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Instrument :
BNA_F
ClientSampleId :

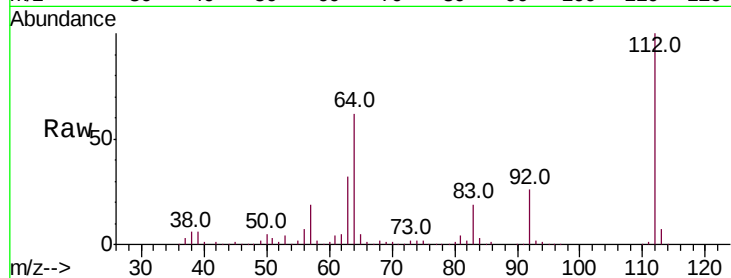
Tot Ion:112 Resp: 1037491

Ion Ratio Lower Upper

112 100

64 61.7 47.6 71.4

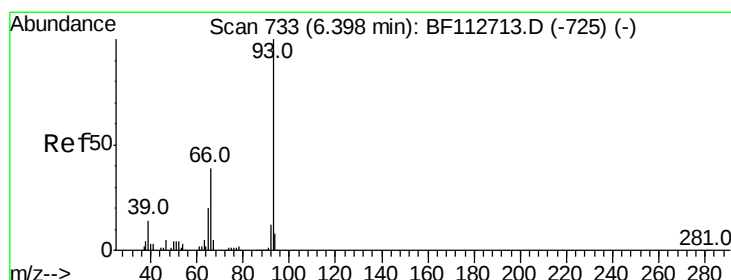
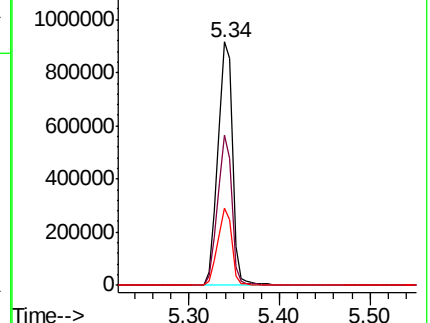
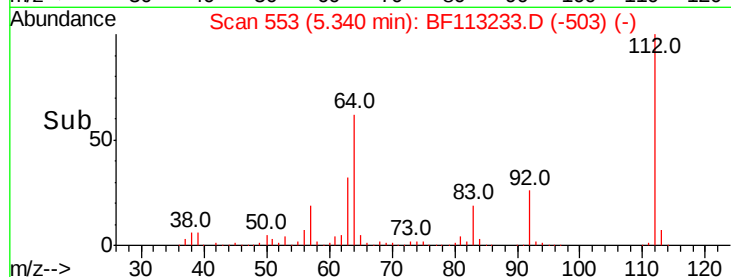
63 32.0 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.089 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

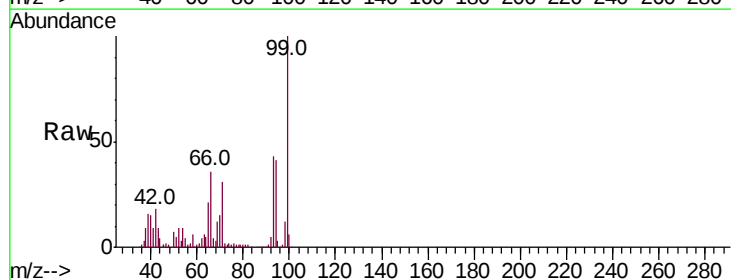
Tgt Ion: 93 Resp: 375113

Ion Ratio Lower Upper

93 100

66 83.7 32.2 48.2#

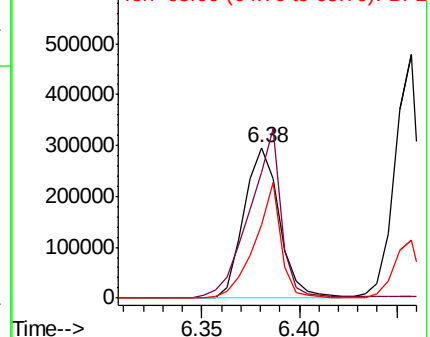
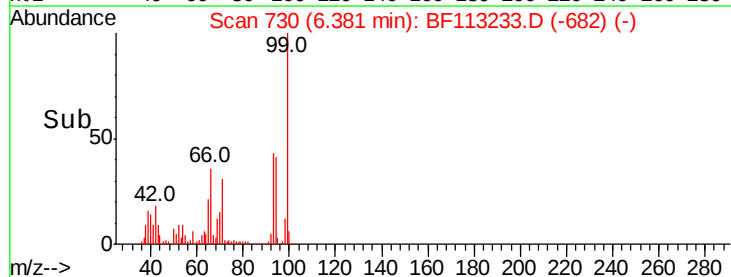
65 48.6 16.2 24.4#

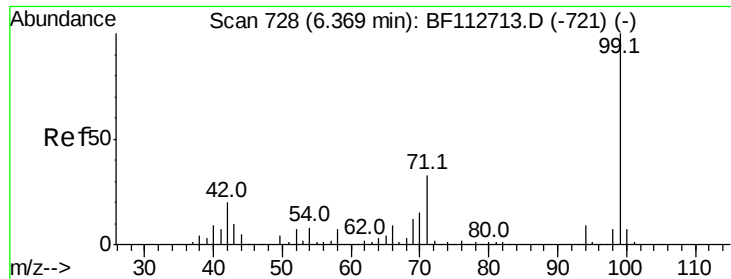


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 107.422 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Instrument :

BNA_F

ClientSampled :

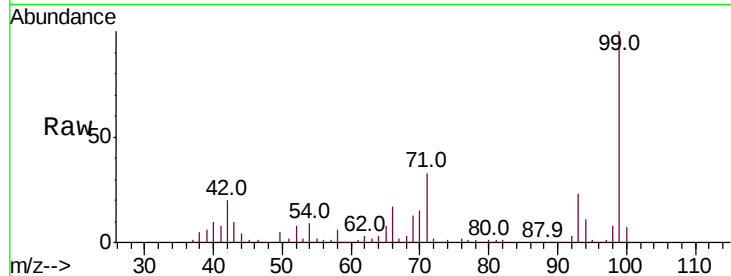
Tot Ion: 99 Resp: 1325264

Ion Ratio Lower Upper

99 100

42 19.9 16.3 24.5

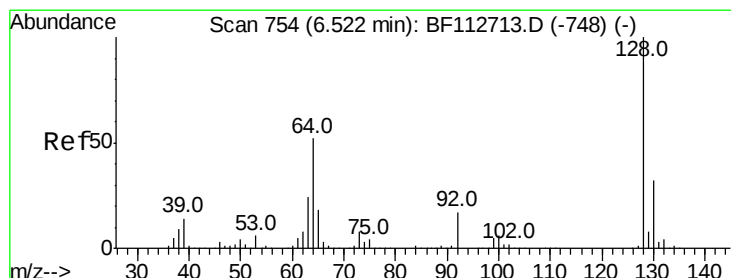
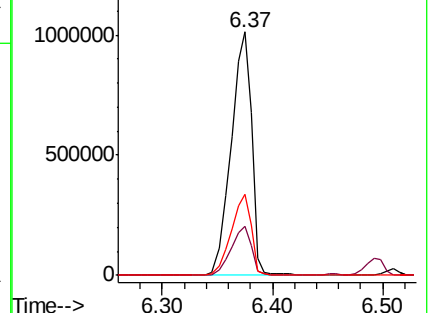
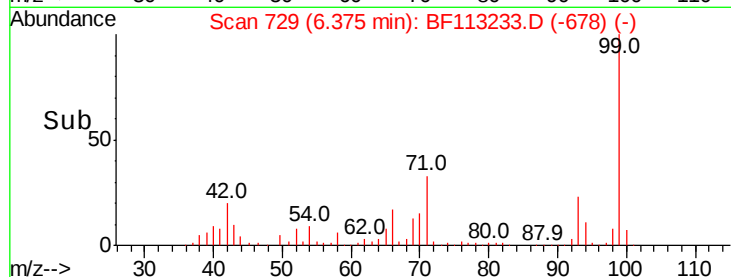
71 33.0 26.2 39.4



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: 38.682 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

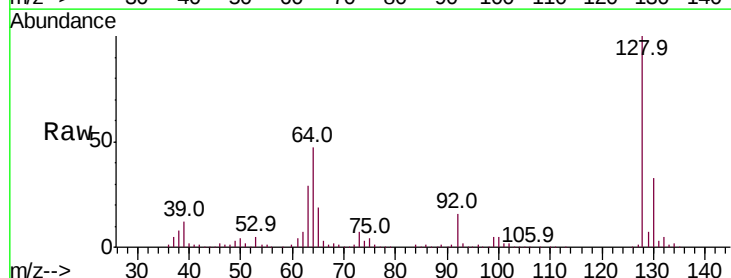
Tgt Ion:128 Resp: 422898

Ion Ratio Lower Upper

128 100

130 33.0 12.4 52.4

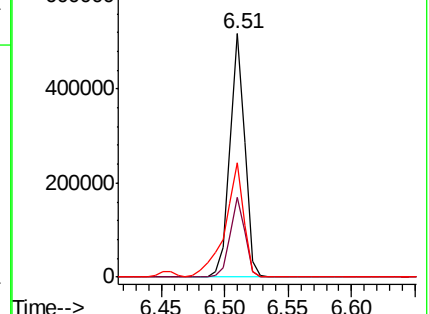
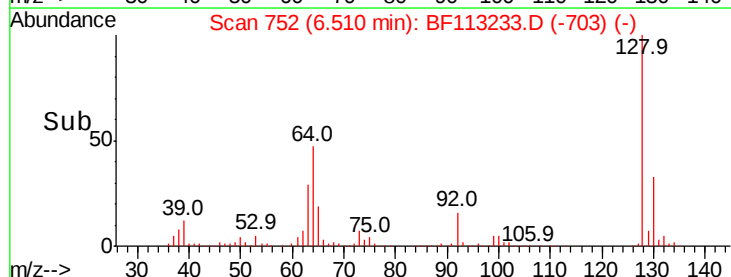
64 47.2 32.2 72.2

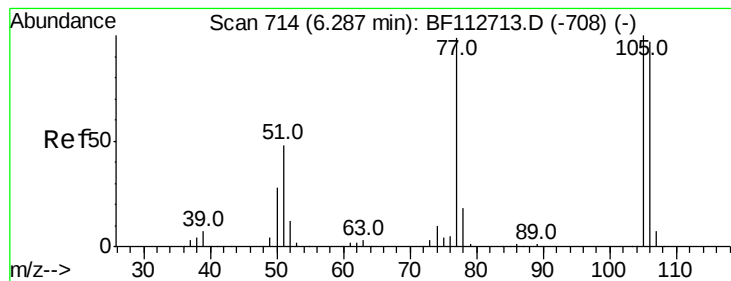


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 12.556 ng

RT: 6.26 min Scan# 709

Delta R.T. -0.02 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Instrument :

BNA_F

ClientSampleId :

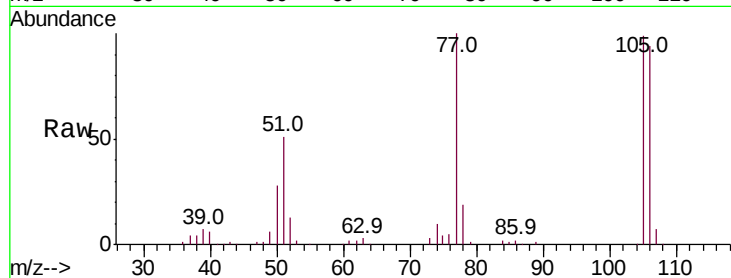
Tot Ion: 77 Resp: 111615

Ion Ratio Lower Upper

77 100

105 98.8 81.4 121.4

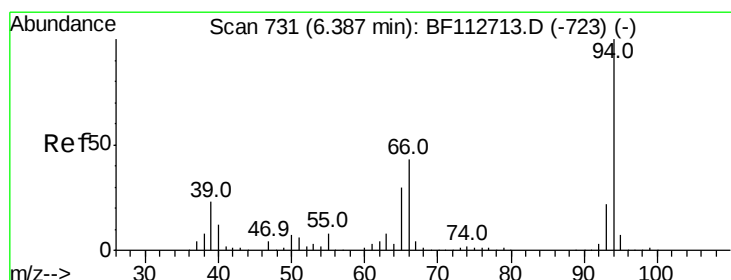
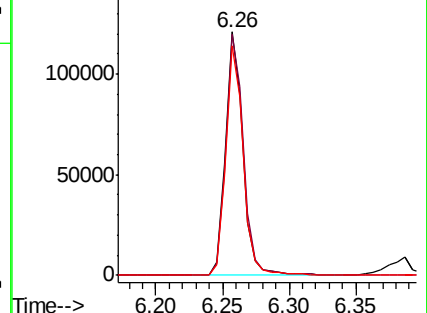
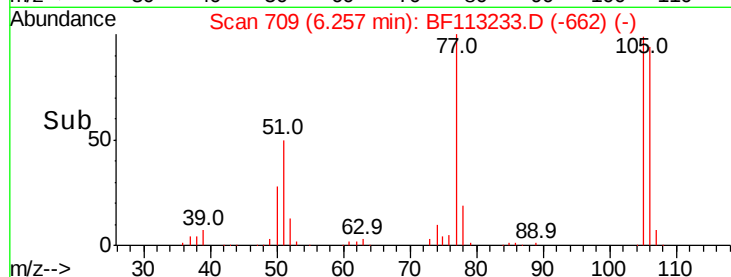
106 94.2 78.3 118.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 33.308 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

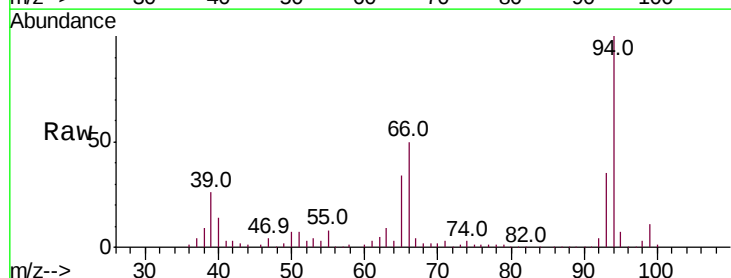
Tgt Ion: 94 Resp: 479510

Ion Ratio Lower Upper

94 100

65 34.1 10.5 50.5

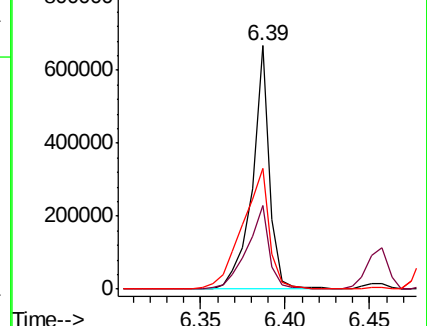
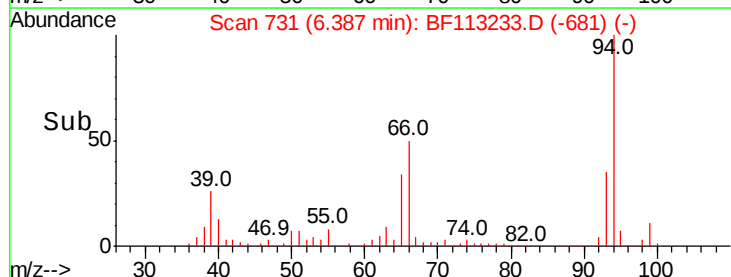
66 49.7 22.6 62.6

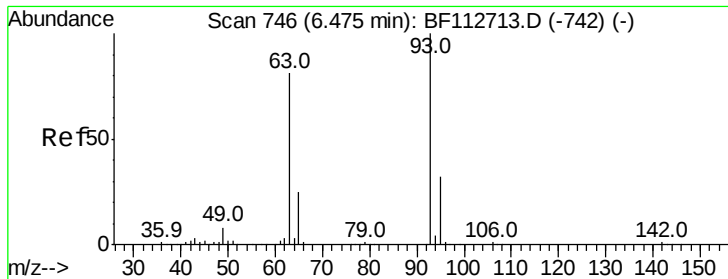


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

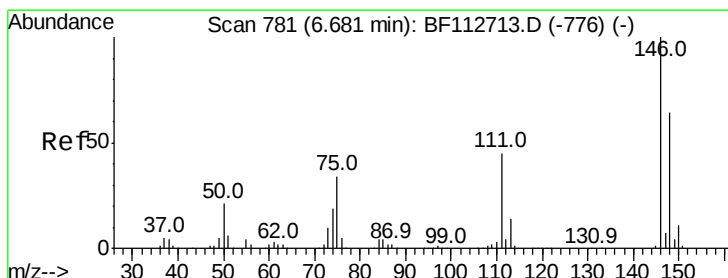
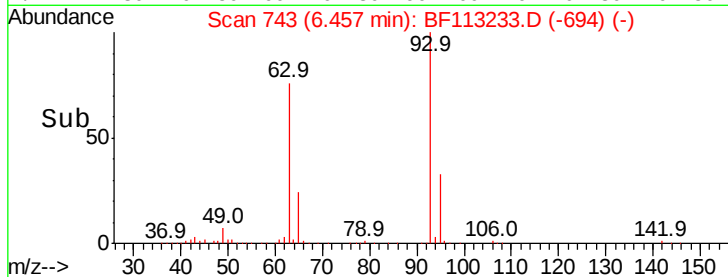
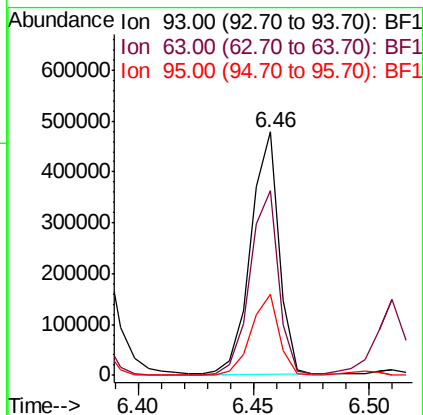
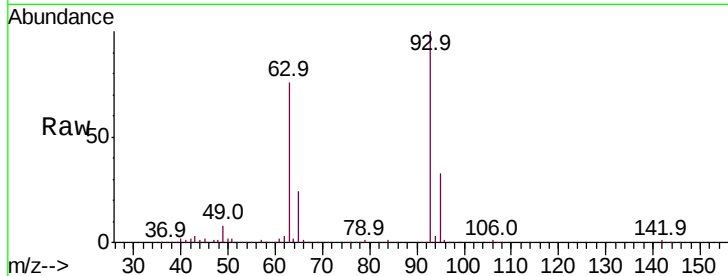




#11
bis(2-Chloroethyl)ether
Concen: 37.113 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

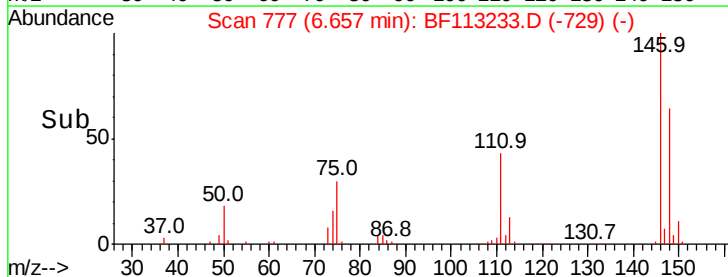
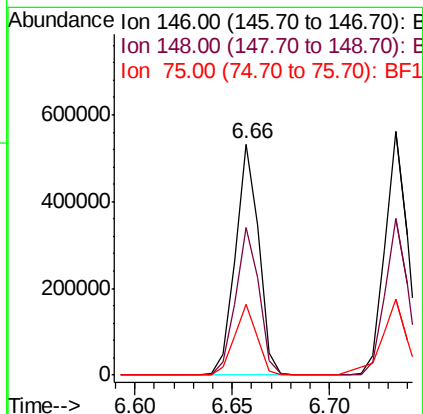
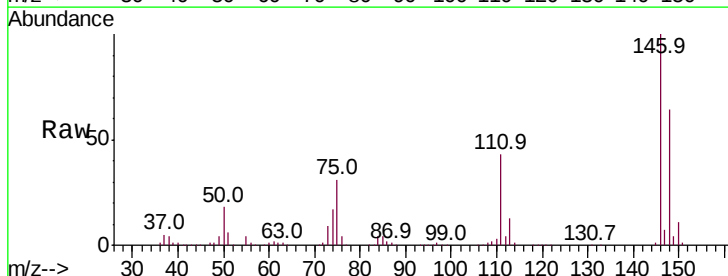
Instrument :
BNA_F
ClientSampleId :

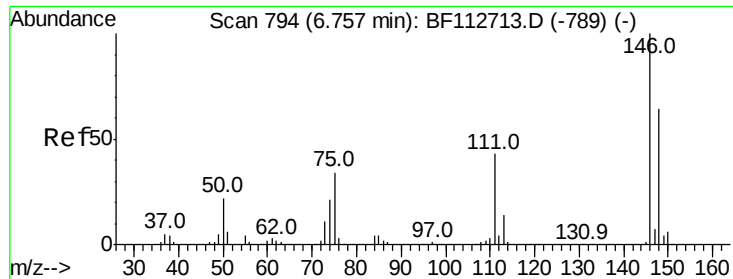
Tot Ion: 93 Resp: 410099
Ion Ratio Lower Upper
93 100
63 76.0 60.5 100.5
95 33.0 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 39.176 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.02 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Tgt Ion: 146 Resp: 442443
Ion Ratio Lower Upper
146 100
148 63.7 50.9 76.3
75 30.8 26.9 40.3





#13

1,4-Dichlorobenzene

Concen: 39.870 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.02 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Instrument :

BNA_F

ClientSampleId :

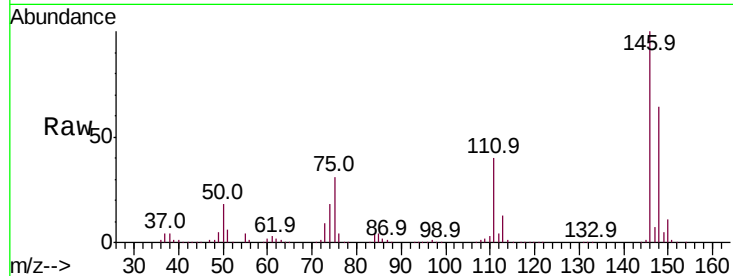
Tot Ion:146 Resp: 451569

Ion Ratio Lower Upper

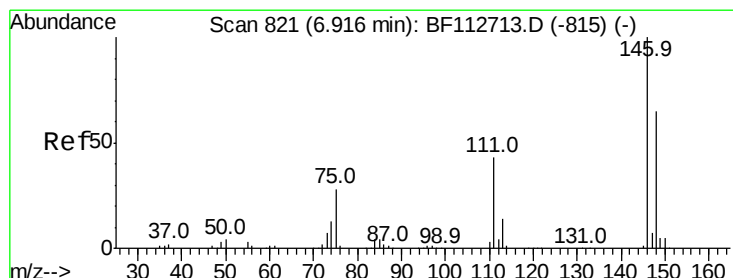
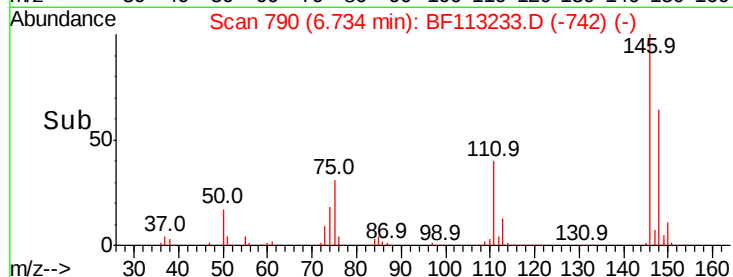
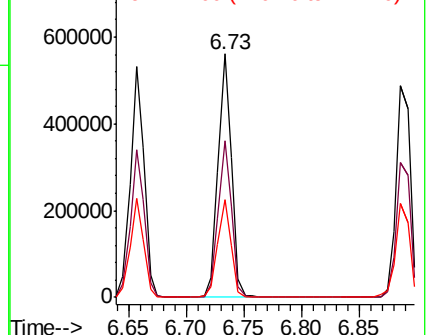
146 100

148 64.1 51.0 76.4

111 40.0 34.5 51.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.076 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.02 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

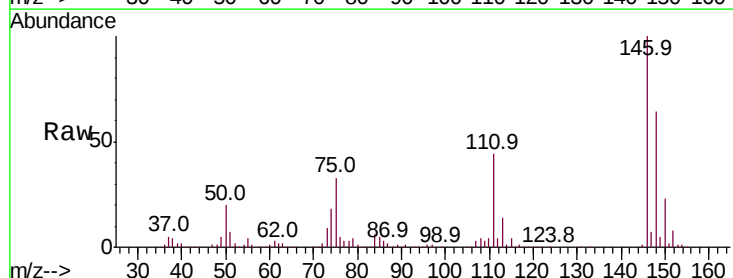
Tgt Ion:146 Resp: 416102

Ion Ratio Lower Upper

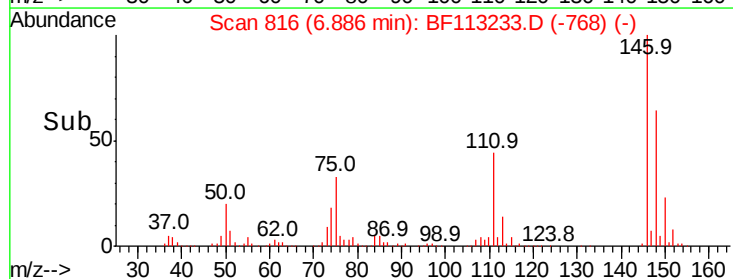
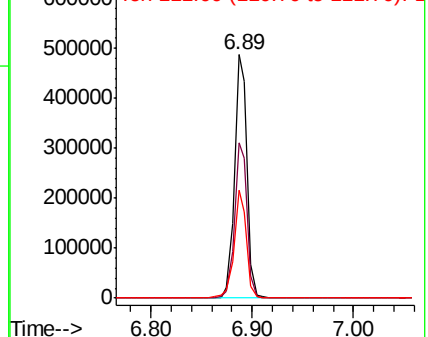
146 100

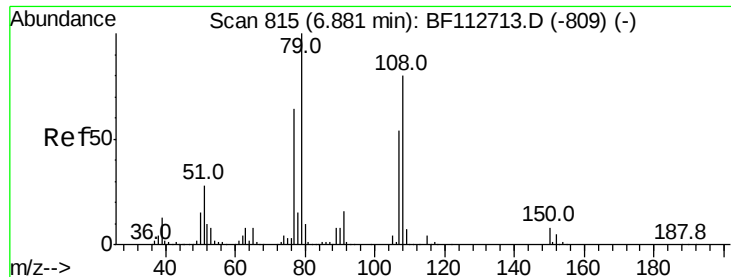
148 63.7 52.0 78.0

111 44.4 34.8 52.2



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: 37.097 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Instrument :

BNA_F

ClientSampleId :

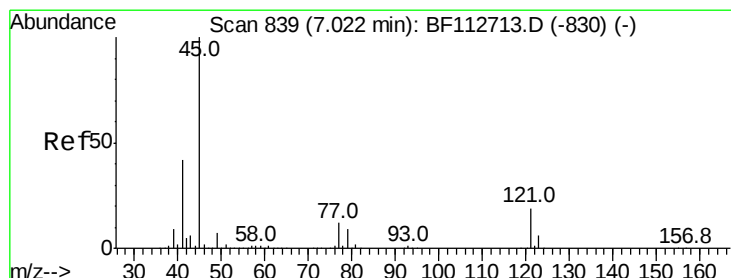
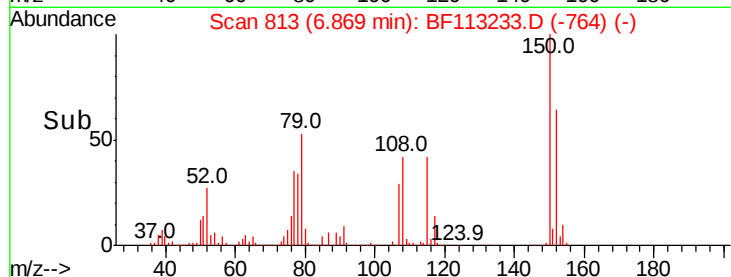
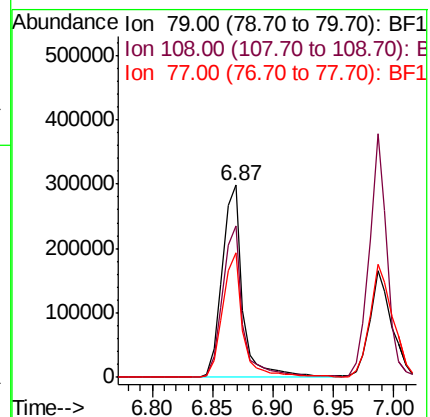
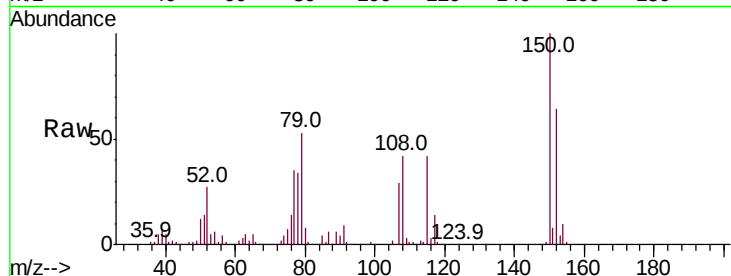
Tot Ion: 79 Resp: 348983

Ion Ratio Lower Upper

79 100

108 79.3 64.2 96.4

77 65.1 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.611 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.02 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

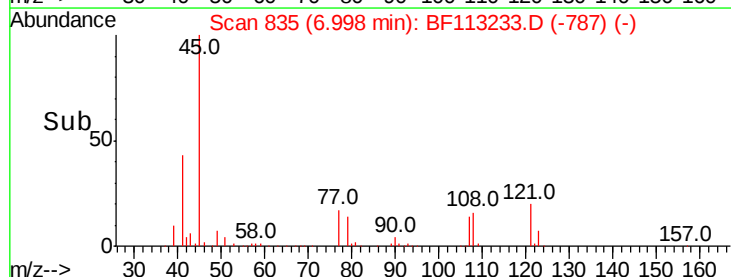
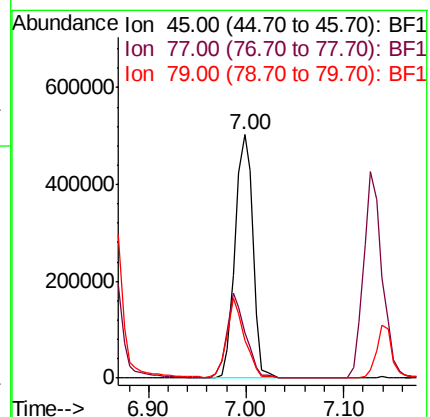
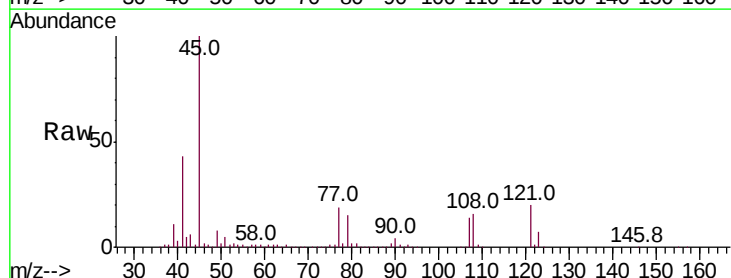
Tgt Ion: 45 Resp: 638248

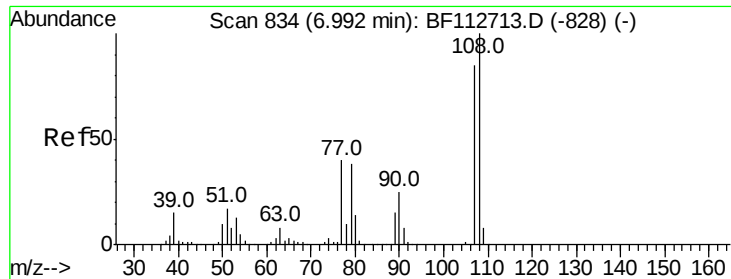
Ion Ratio Lower Upper

45 100

77 18.6 0.0 32.1

79 15.3 0.0 29.4

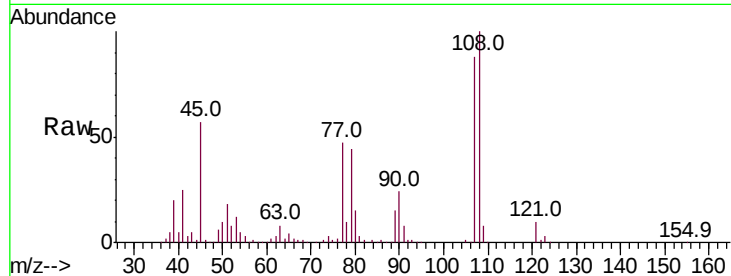




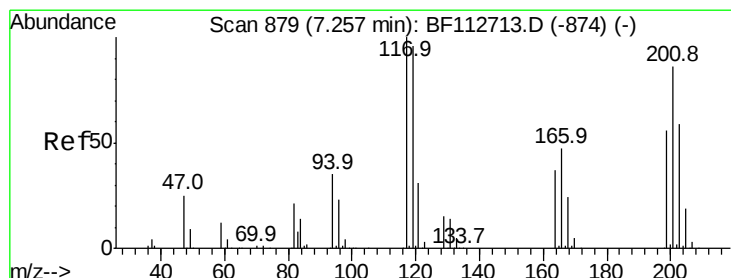
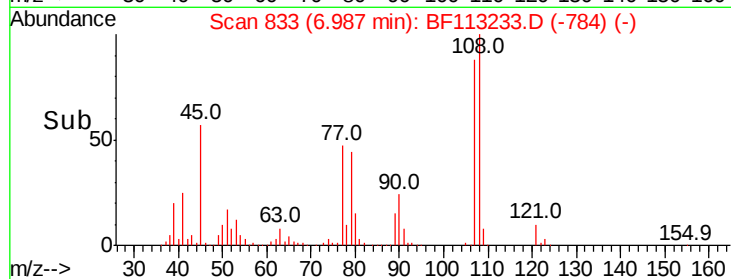
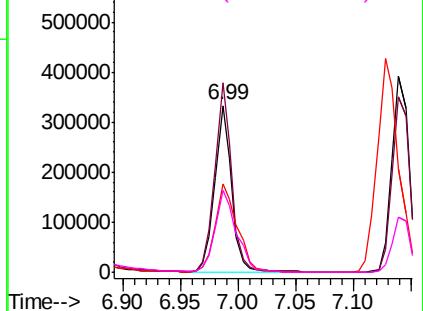
#17
2-Methylphenol
Concen: 38.140 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 338266
Ion Ratio Lower Upper
107 100
108 113.2 94.6 142.0
77 52.8 37.8 56.8
79 49.4 36.2 54.2

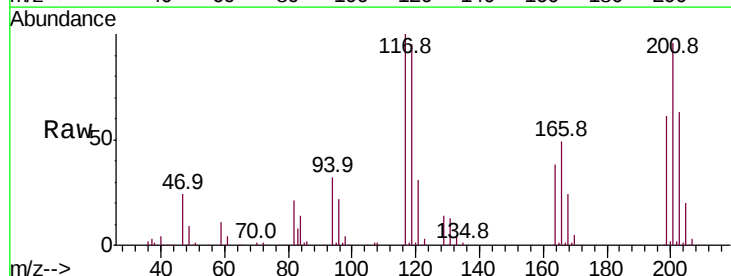


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

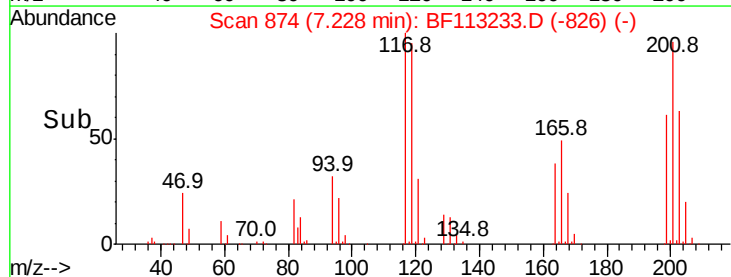
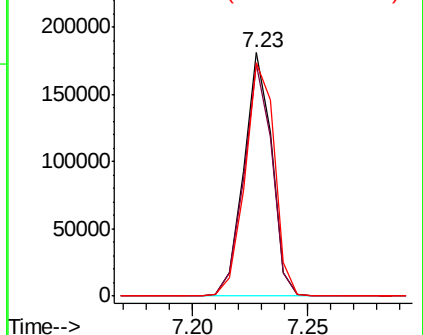


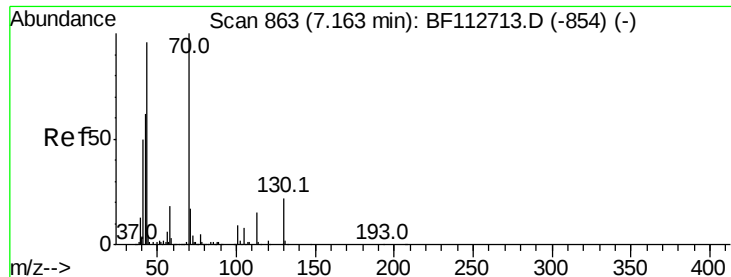
#18
Hexachloroethane
Concen: 35.304 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.02 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Tgt Ion:117 Resp: 153168
Ion Ratio Lower Upper
117 100
119 95.5 76.6 115.0
201 96.0 68.9 103.3



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.640 ng

RT: 7.14 min Scan# 859

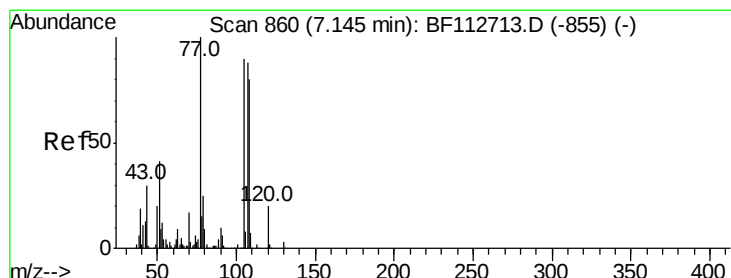
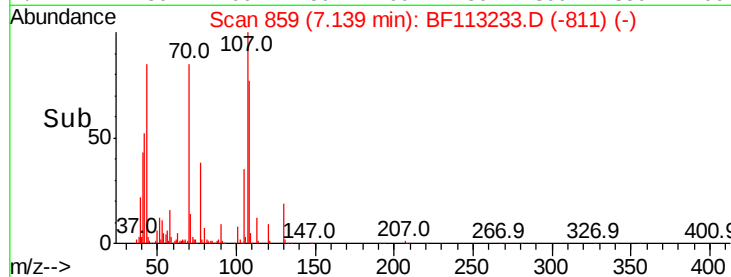
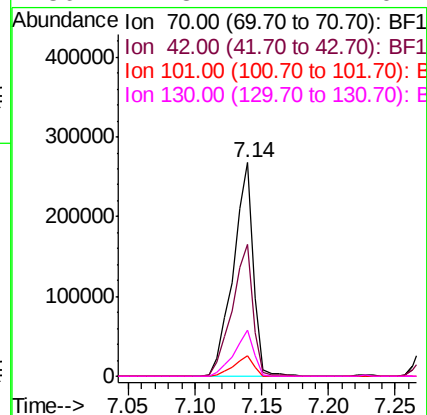
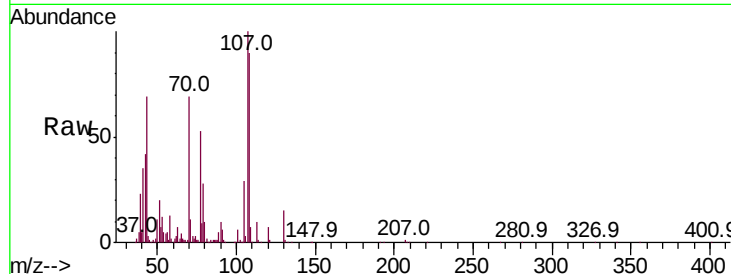
Delta R.T. -0.02 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.9	49.9	74.9
101	9.4	7.4	11.2
130	21.8	17.4	26.2



#20

3+4-Methylphenols

Concen: 42.232 ng

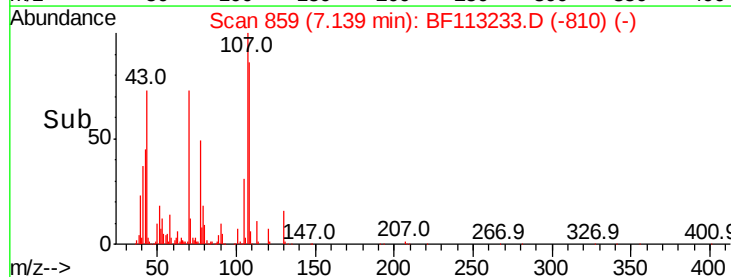
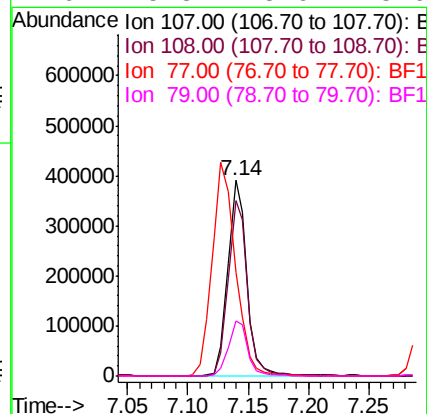
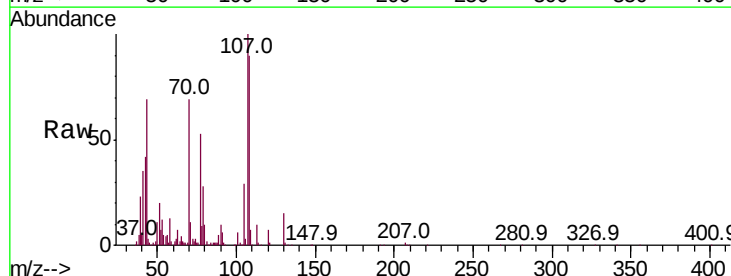
RT: 7.14 min Scan# 859

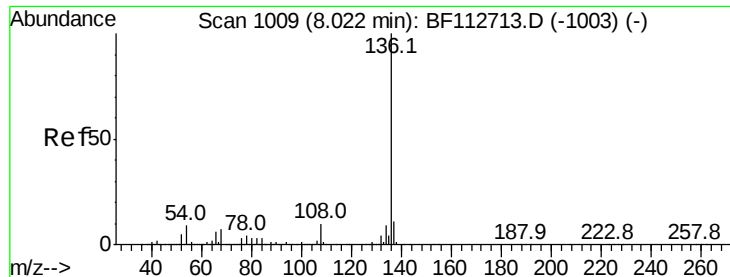
Delta R.T. -0.01 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.6	71.4	111.4
77	53.0	94.1	134.1#
79	28.3	8.6	48.6

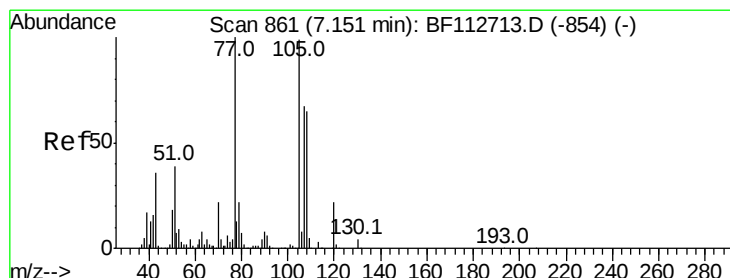
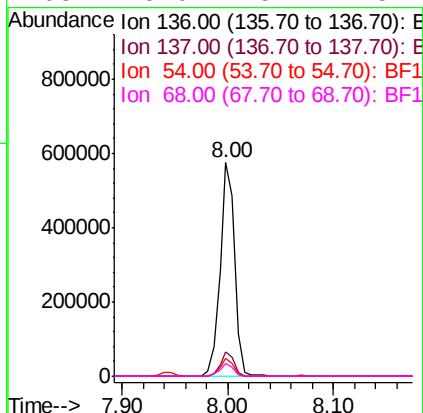
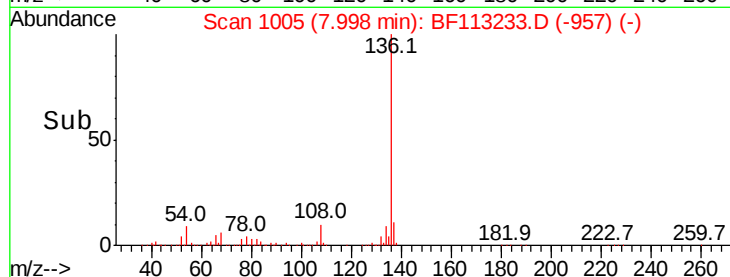
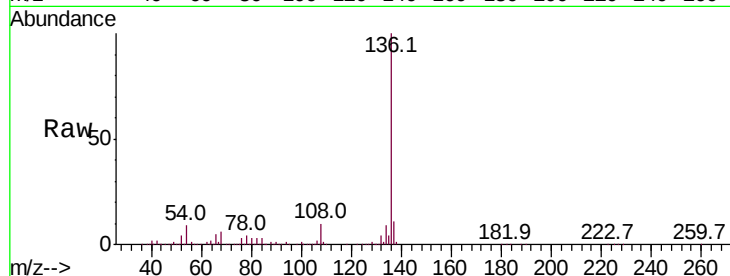




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

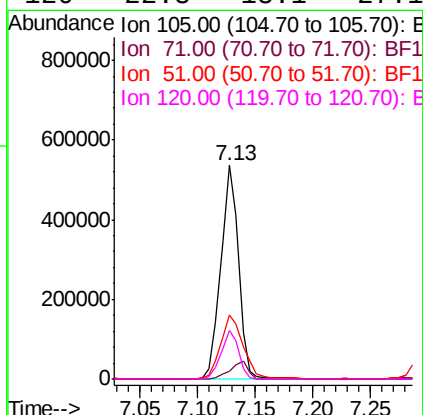
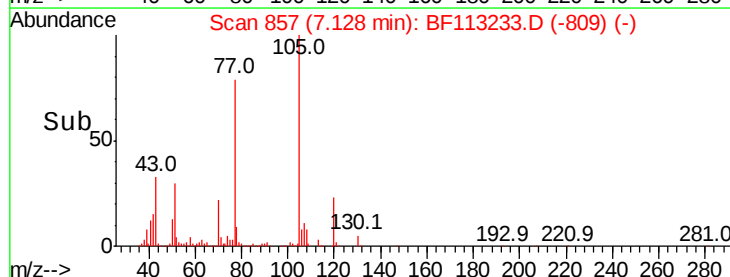
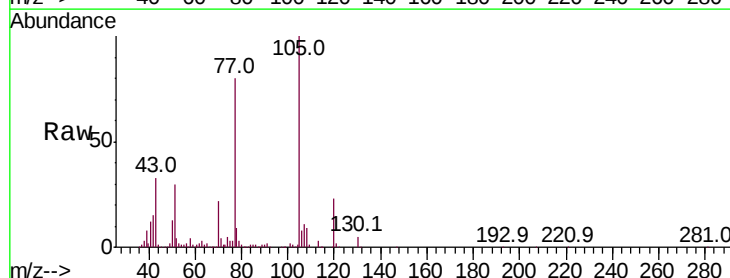
Instrument :
BNA_F
ClientSampleId :

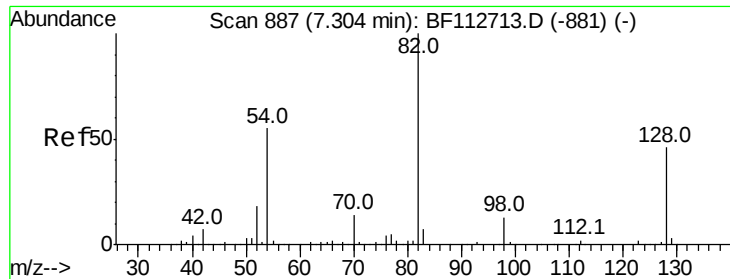
Tot Ion:	136	Resp:	558059
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.5	7.3	10.9
68	6.0	5.4	8.2



#22
Acetophenone
Concen: 44.016 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Tgt Ion:	105	Resp:	574367
Ion	Ratio	Lower	Upper
105	100		
71	3.9	3.0	4.4
51	30.0	31.5	47.3#
120	22.8	18.1	27.1

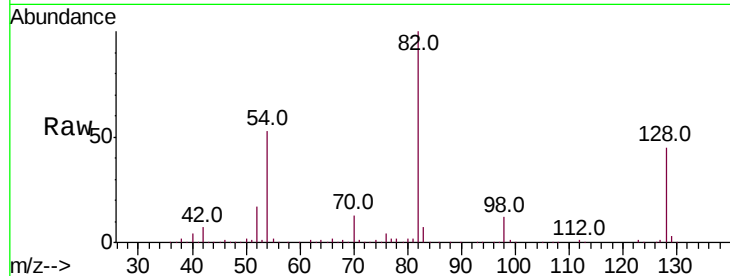




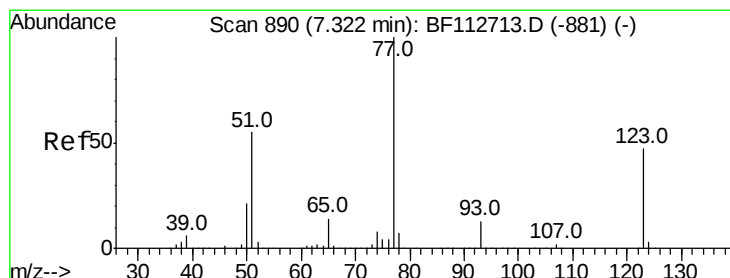
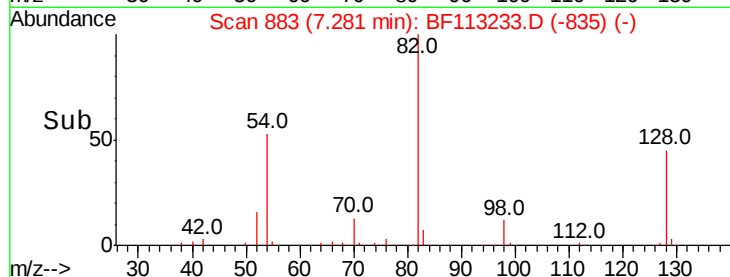
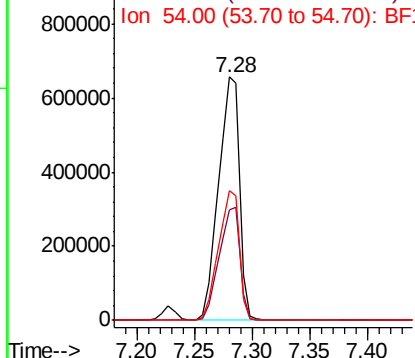
#23
Nitrobenzene-d5
Concen: 88.801 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 828175
Ion Ratio Lower Upper
82 100
128 45.3 36.3 54.5
54 53.5 43.7 65.5

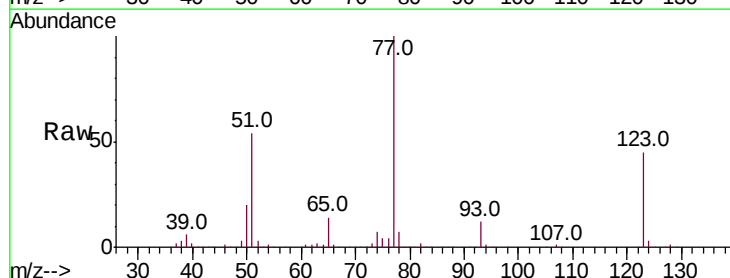


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

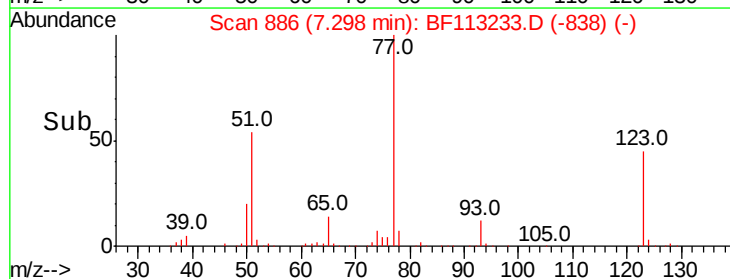
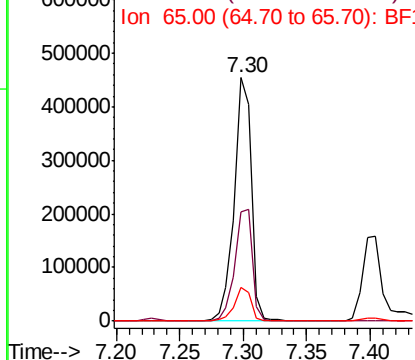


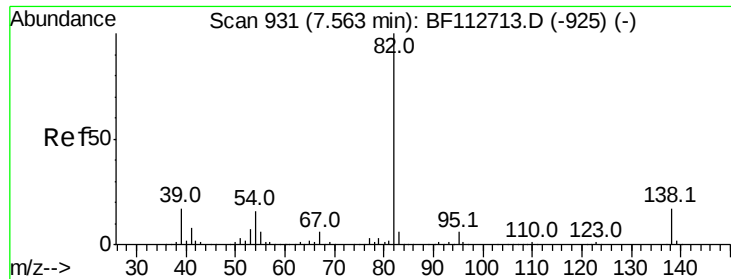
#24
Nitrobenzene
Concen: 40.257 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Tgt Ion: 77 Resp: 417872
Ion Ratio Lower Upper
77 100
123 44.7 37.8 56.6
65 13.7 11.1 16.7



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: 38.232 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Instrument :

BNA_F

ClientSampleId :

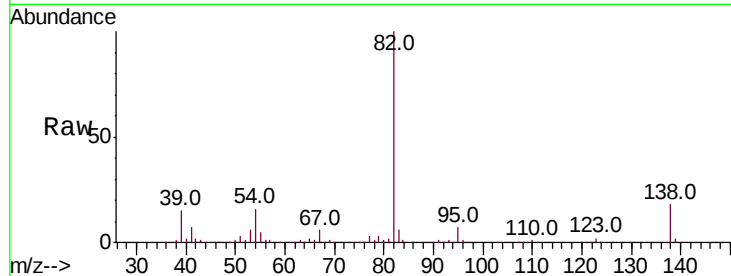
Tot Ion: 82 Resp: 768155

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

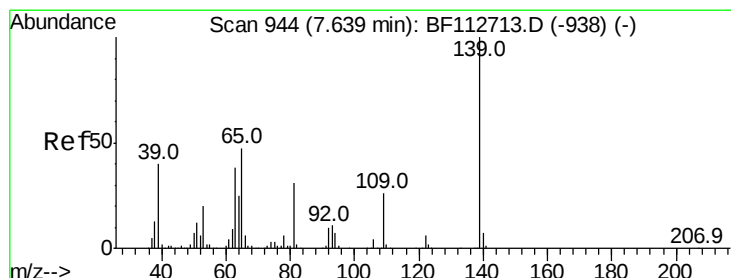
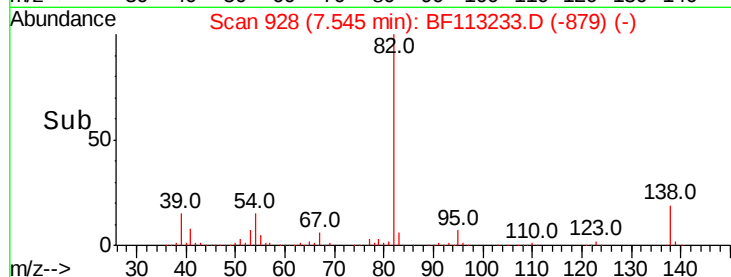
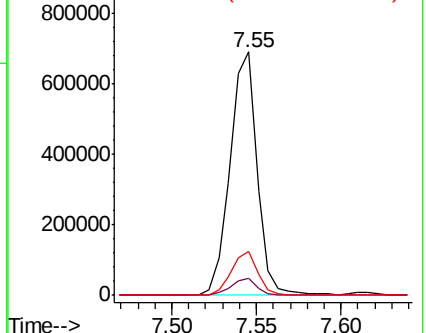
138 18.2 13.8 20.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 55.902 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

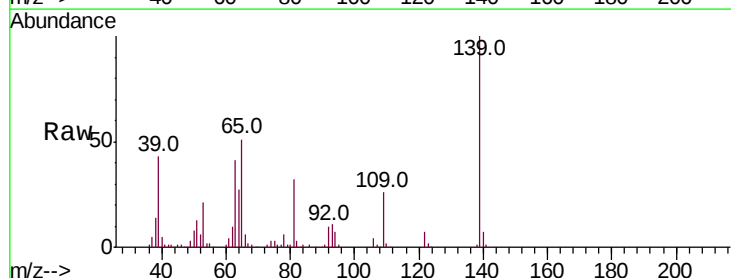
Tgt Ion: 139 Resp: 241552

Ion Ratio Lower Upper

139 100

109 26.3 20.6 31.0

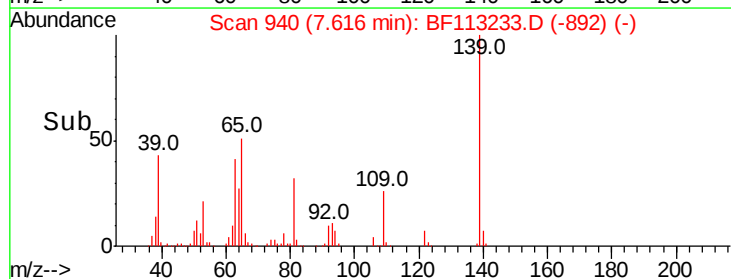
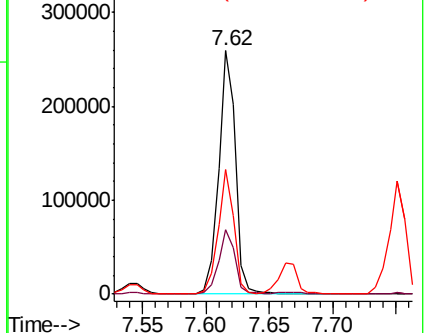
65 51.4 37.9 56.9

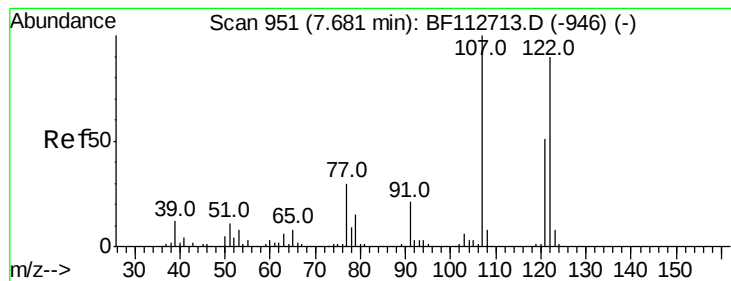


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 44.865 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Instrument :

BNA_F

ClientSampled :

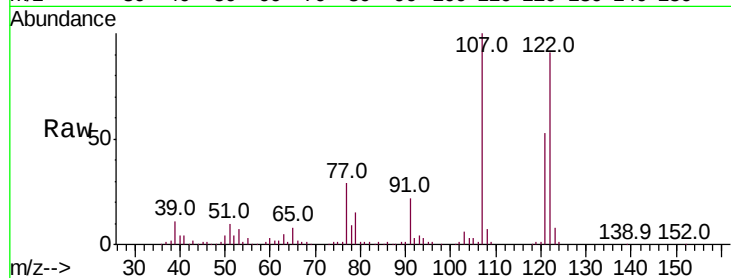
Tot Ion:122 Resp: 360658

Ion Ratio Lower Upper

122 100

107 110.2 89.4 134.0

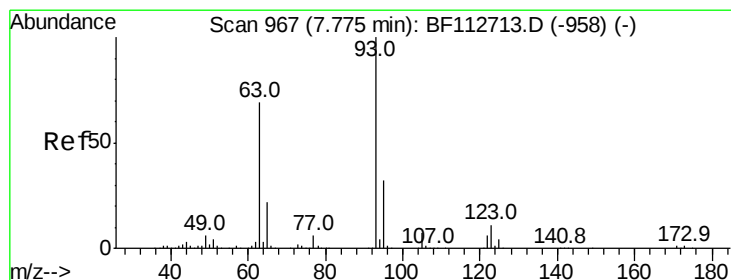
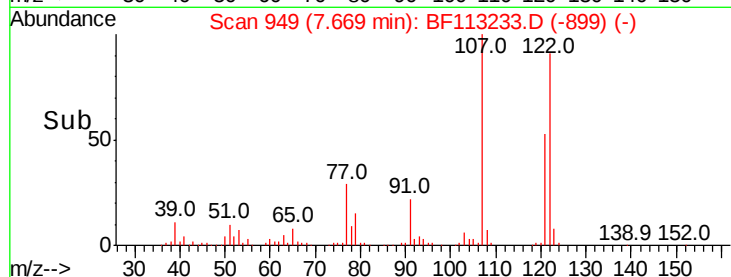
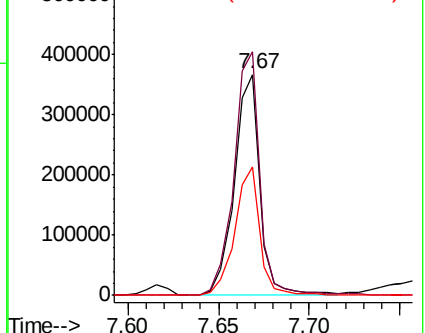
121 58.1 45.5 68.3



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: 41.867 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.02 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

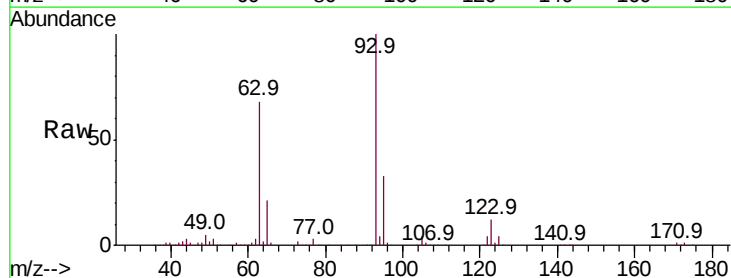
Tgt Ion: 93 Resp: 525924

Ion Ratio Lower Upper

93 100

95 32.6 26.0 39.0

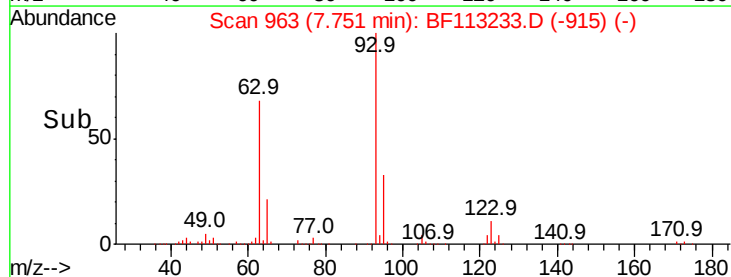
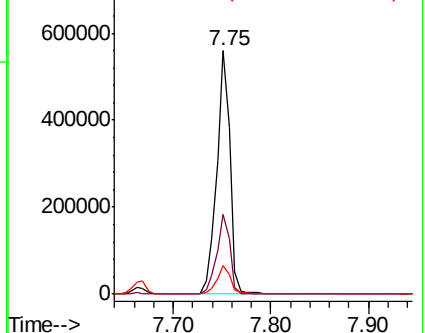
123 11.5 9.3 13.9

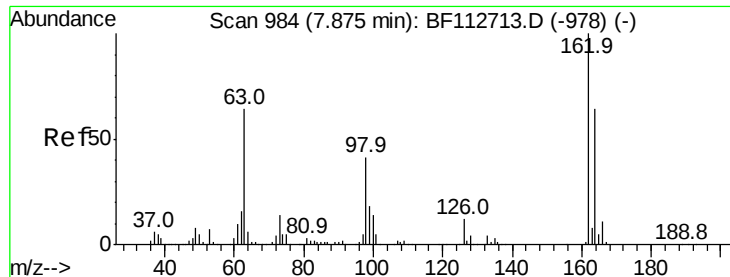


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

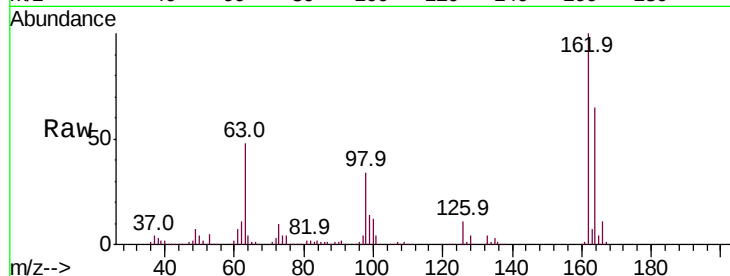




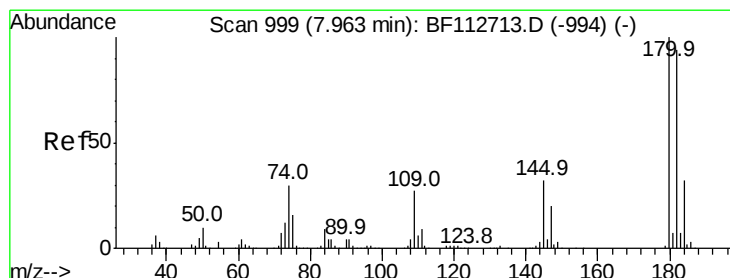
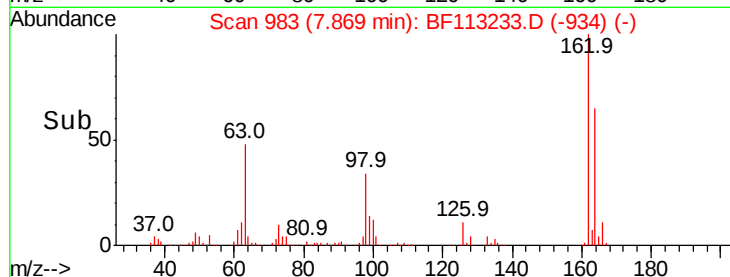
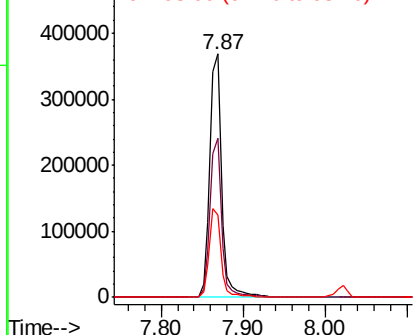
#29
2,4-Dichlorophenol
Concen: 47.305 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	44.0	84.0
98	33.8	20.7	60.7

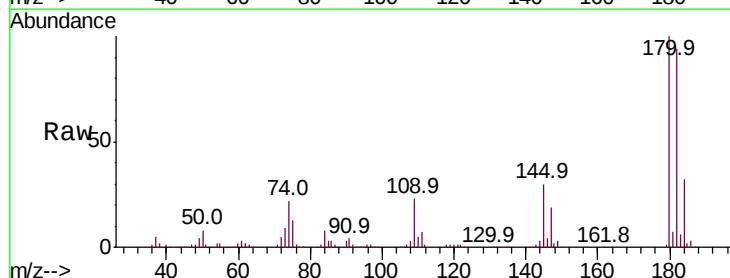


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

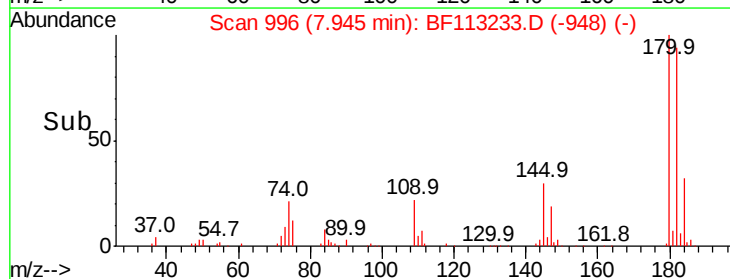
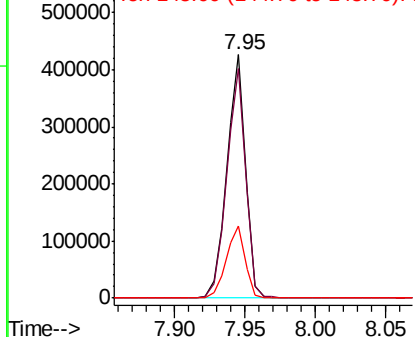


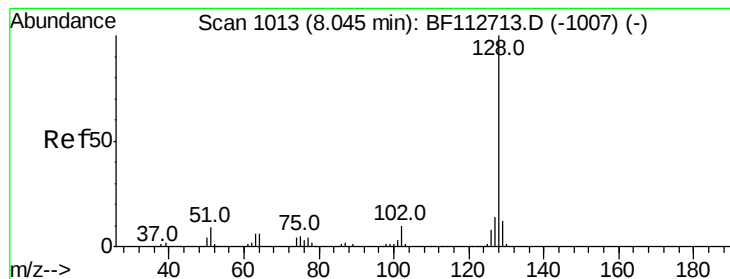
#30
1,2,4-Trichlorobenzene
Concen: 46.718 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.02 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.2	112.8
145	29.6	25.4	38.0



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: 42.728 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.02 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Instrument :

BNA_F

ClientSampleId :

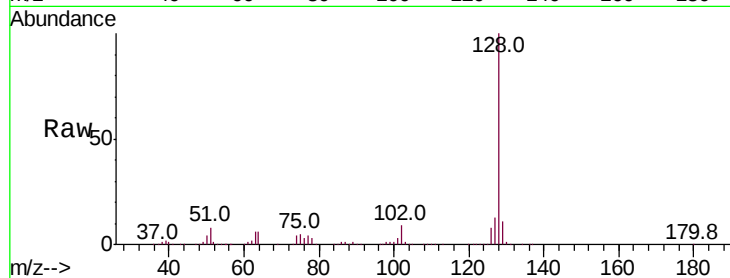
Tot Ion:128 Resp: 1183835

Ion Ratio Lower Upper

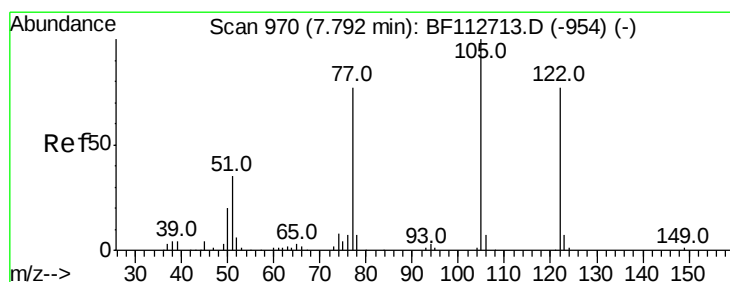
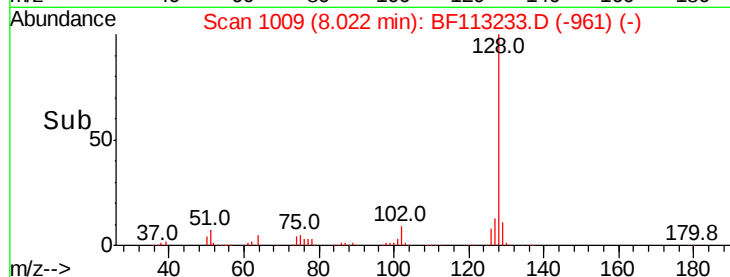
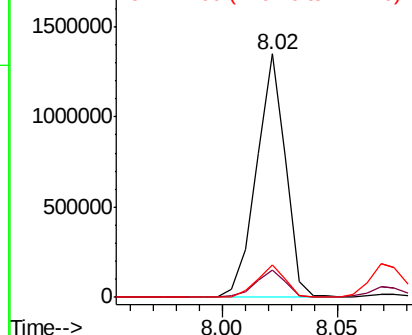
128 100

129 11.4 9.3 13.9

127 13.5 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: 13.699 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.04 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

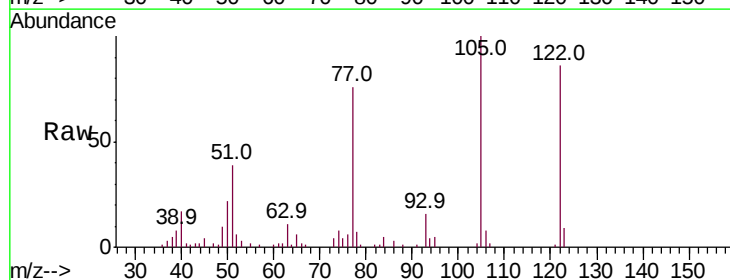
Tgt Ion:122 Resp: 77181

Ion Ratio Lower Upper

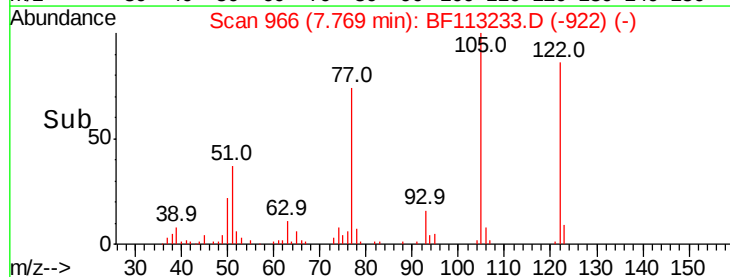
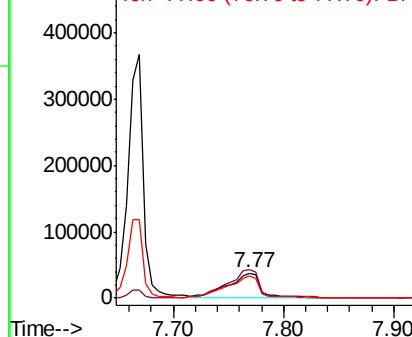
122 100

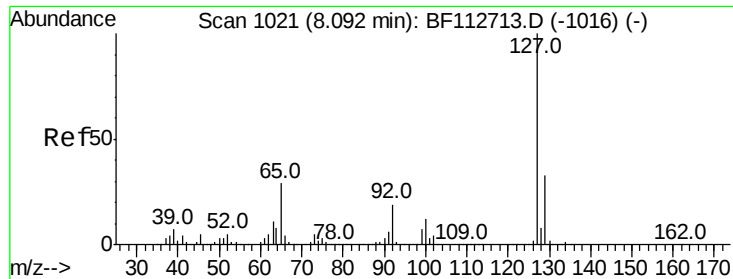
105 115.8 106.8 146.8

77 88.1 79.4 119.4



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

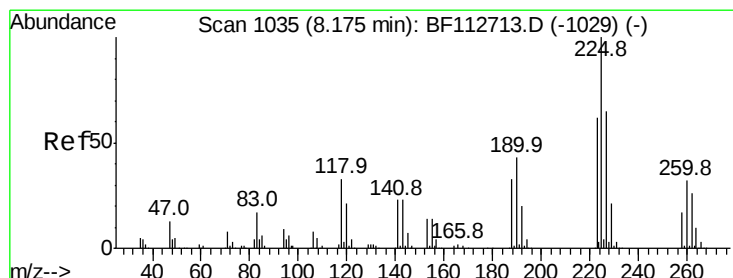
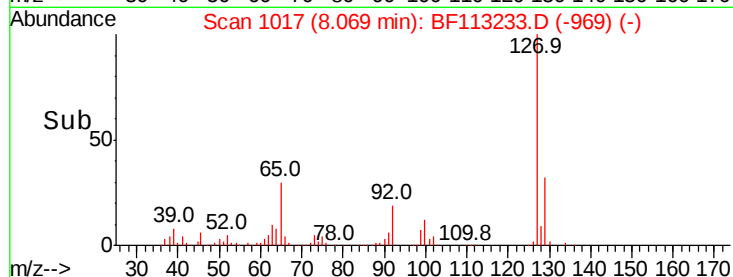
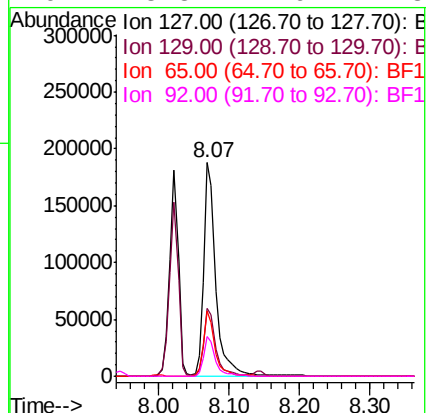
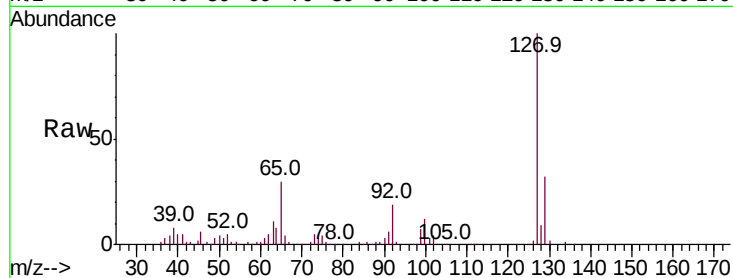




#33
4-Chloroaniline
Concen: 19.405 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

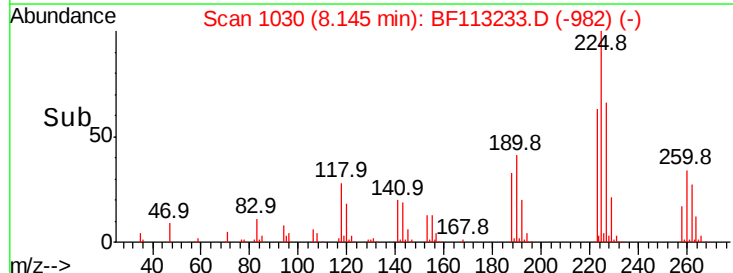
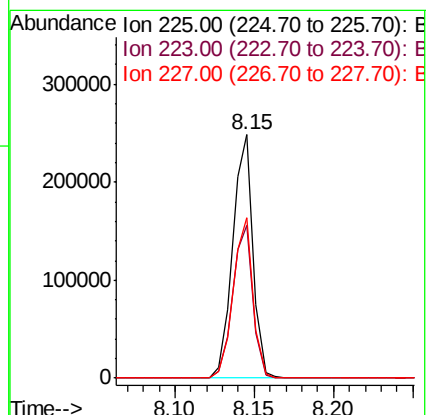
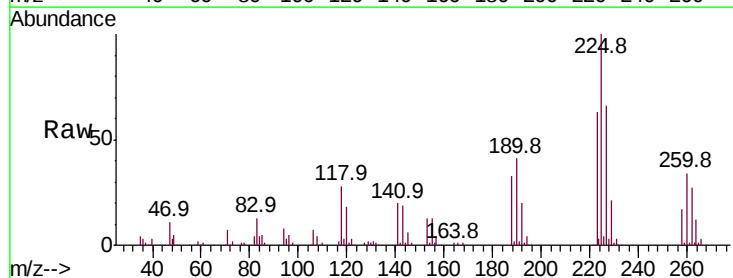
Instrument :
BNA_F
ClientSampleId :

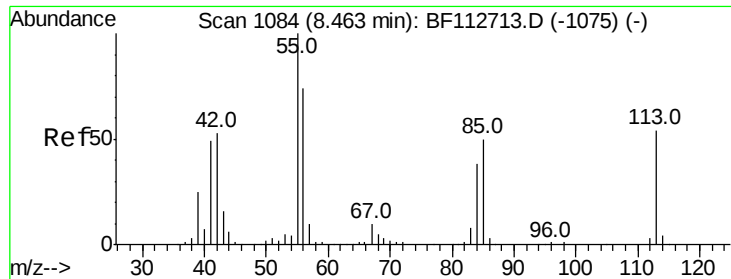
Tot Ion:	127	Resp:	227717
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.4	39.6
65	30.3	23.1	34.7
92	18.8	14.9	22.3



#34
Hexachlorobutadiene
Concen: 46.378 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Tgt Ion:	225	Resp:	219087
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.7	74.5
227	65.6	52.1	78.1

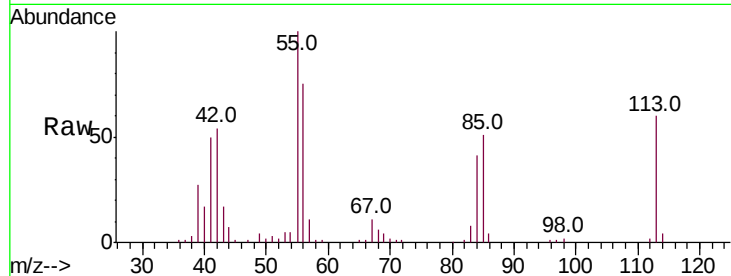




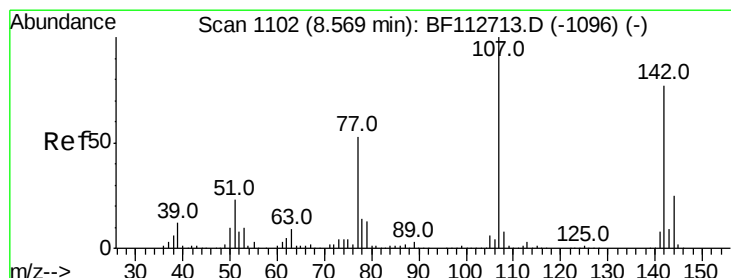
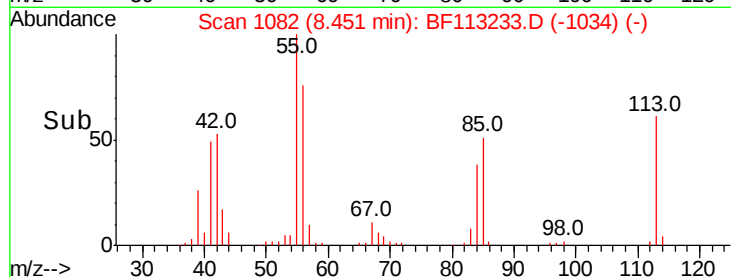
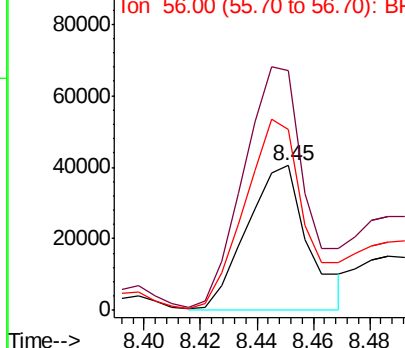
#35
Caprolactam
Concen: 22.052 ng
RT: 8.45 min Scan# 1082
Delta R.T. -0.02 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 60547
Ion Ratio Lower Upper
113 100
55 165.6 163.5 203.5
56 124.9 115.3 155.3

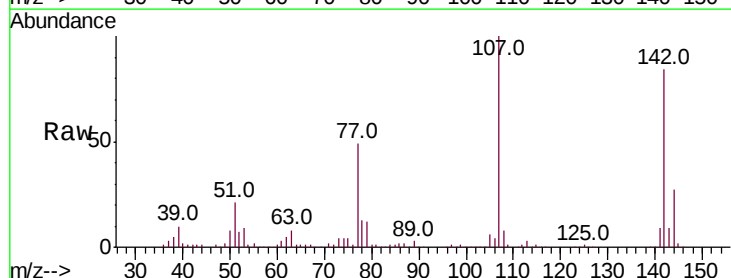


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

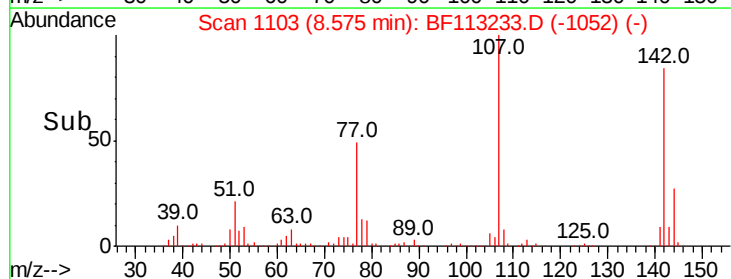
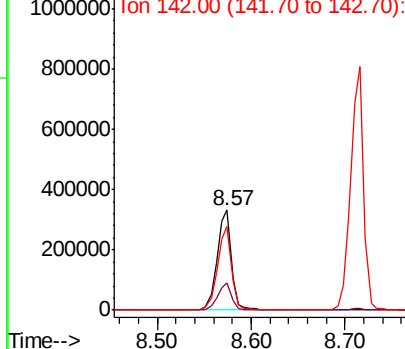


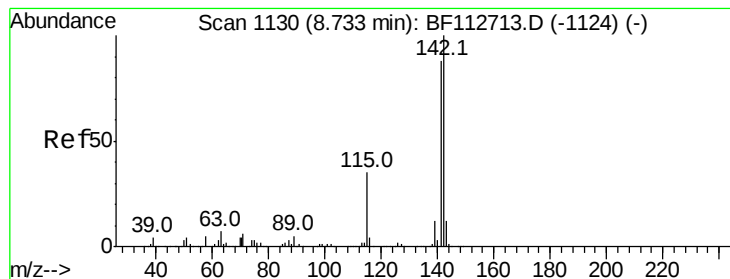
#36
4-Chloro-3-methylphenol
Concen: 41.194 ng
RT: 8.57 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Tgt Ion:107 Resp: 355392
Ion Ratio Lower Upper
107 100
144 27.4 20.1 30.1
142 84.2 61.9 92.9



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.039 ng

RT: 8.72 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Instrument :

BNA_F

ClientSampled :

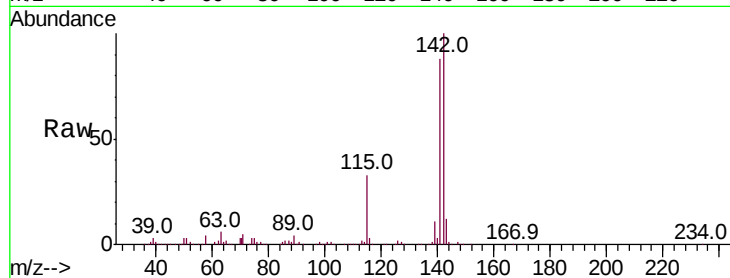
Tot Ion:142 Resp: 770081

Ion Ratio Lower Upper

142 100

141 88.4 70.3 105.5

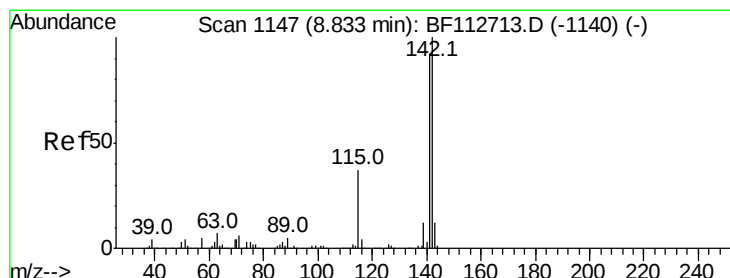
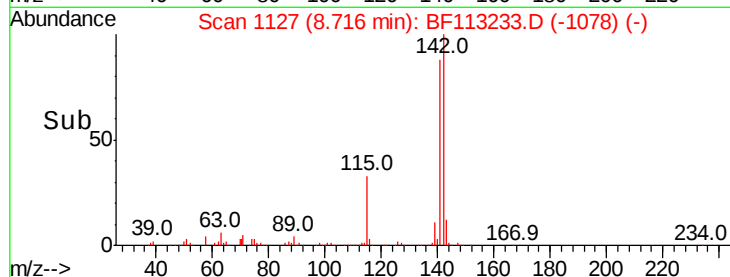
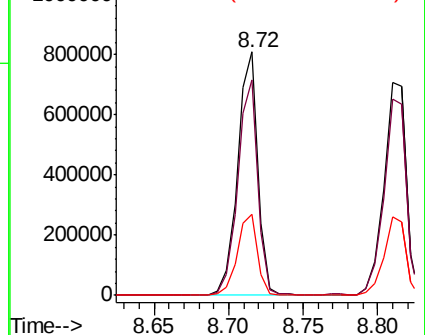
115 33.3 27.8 41.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.448 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.02 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

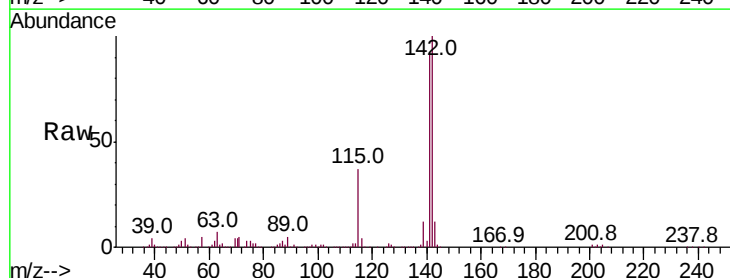
Tgt Ion:142 Resp: 718377

Ion Ratio Lower Upper

142 100

141 92.4 73.7 110.5

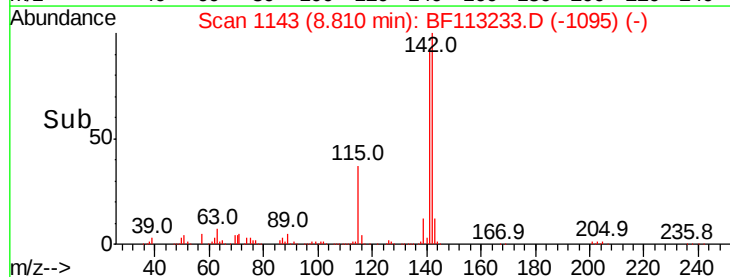
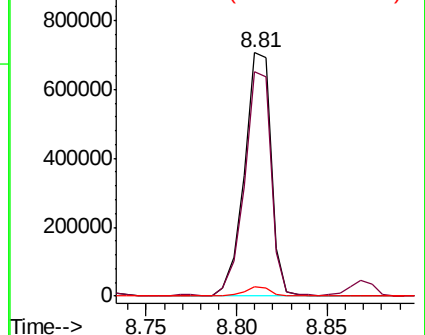
116 3.9 3.1 4.7

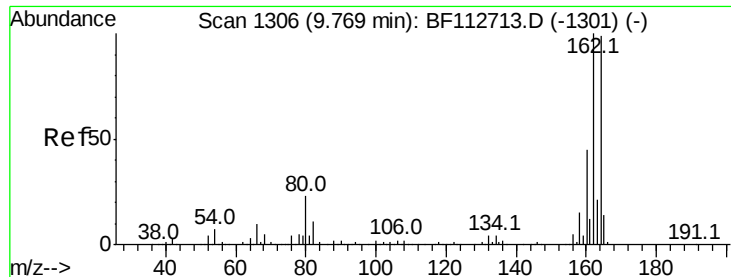


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

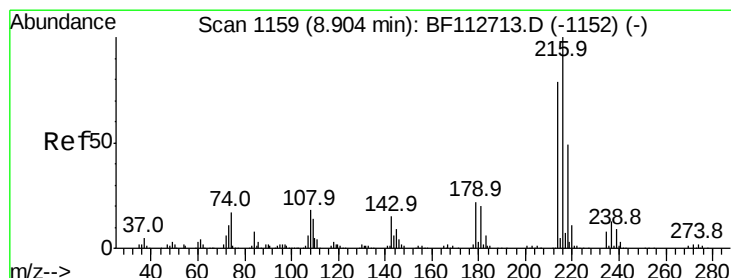
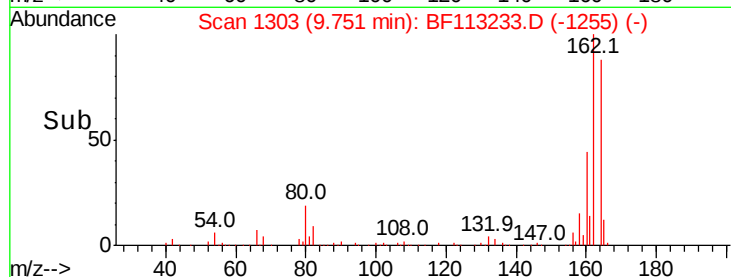
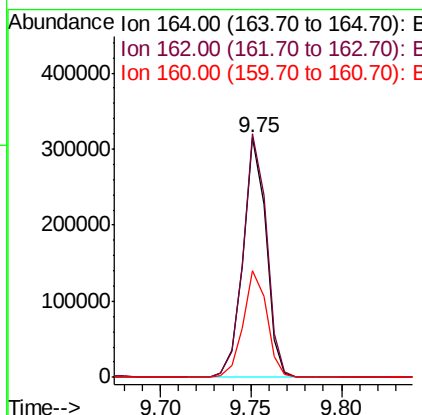
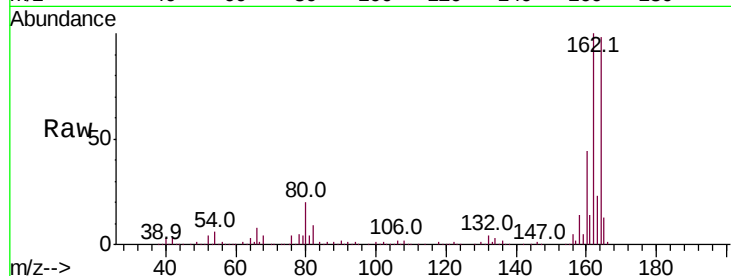




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

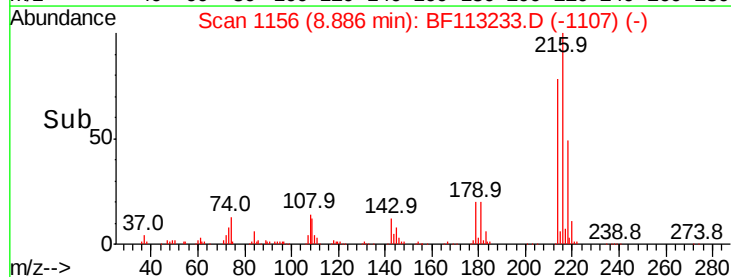
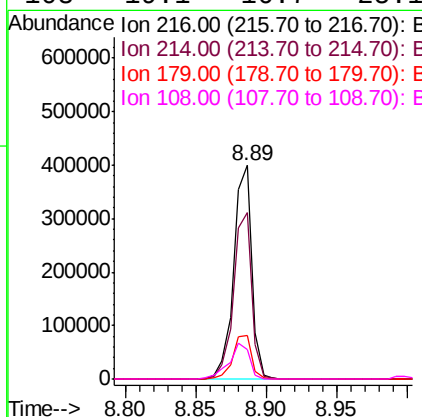
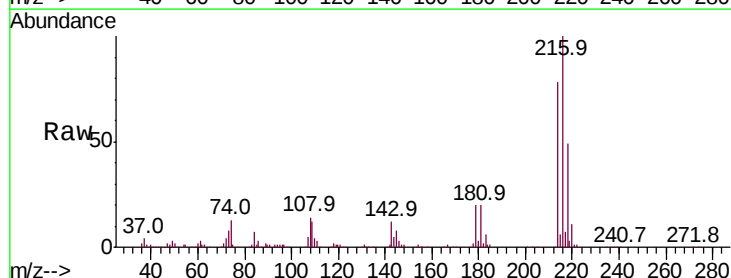
Instrument :
BNA_F
ClientSampleId :

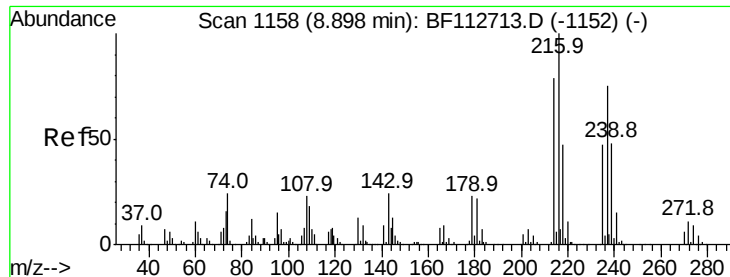
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.6	120.8
160	44.4	36.0	54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.056 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.2	94.8
179	20.8	17.5	26.3
108	19.1	16.7	25.1





#41

Hexachlorocyclopentadiene

Concen: 82.706 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Instrument :

BNA_F

ClientSampleId :

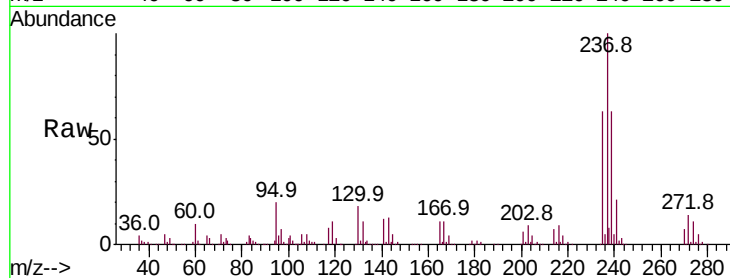
Tot Ion:237 Resp: 366648

Ion Ratio Lower Upper

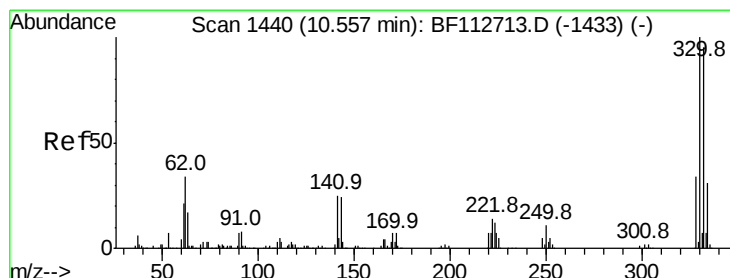
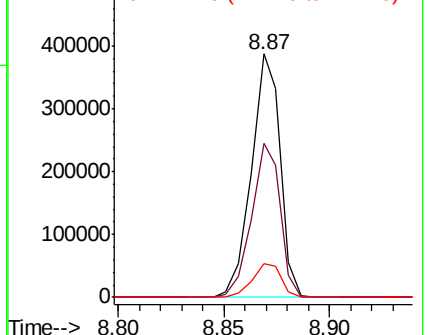
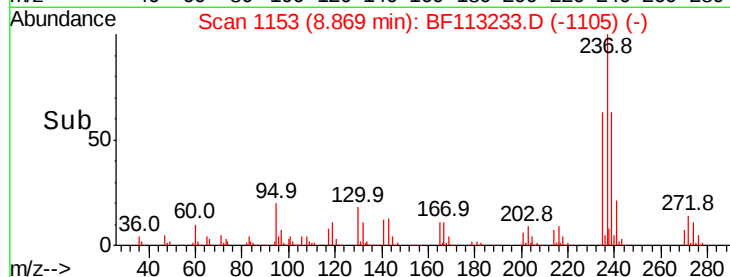
237 100

235 63.5 42.2 82.2

272 13.7 0.0 34.0



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: 156.178 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

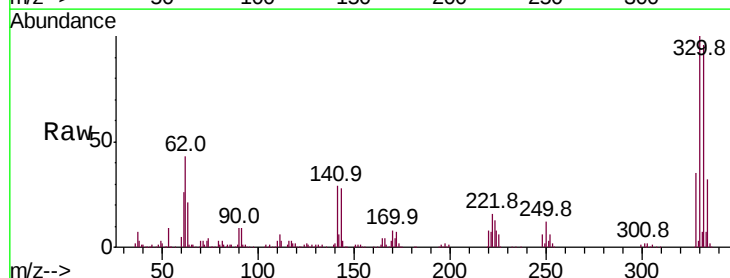
Tgt Ion:330 Resp: 460295

Ion Ratio Lower Upper

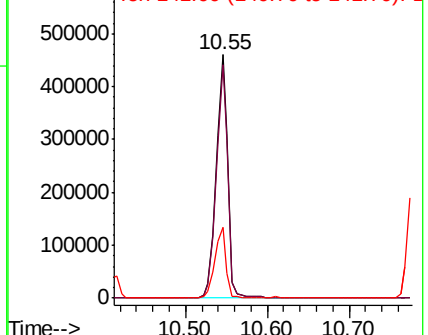
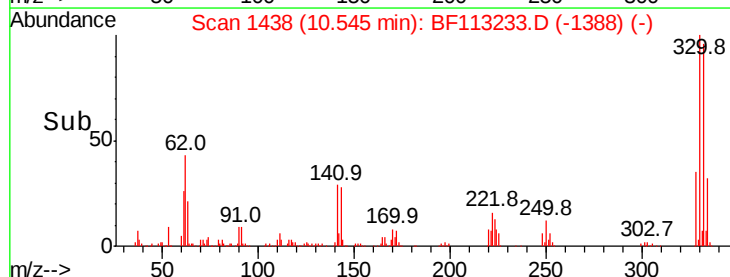
330 100

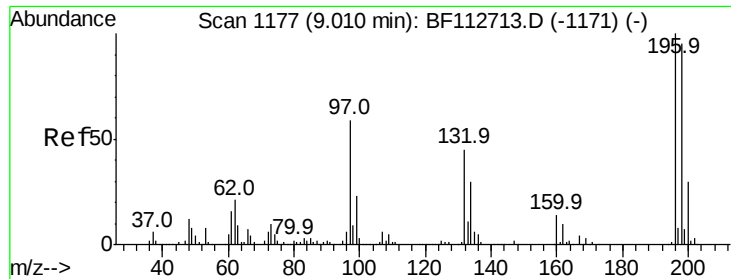
332 95.5 76.2 114.4

141 27.9 27.0 40.6



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

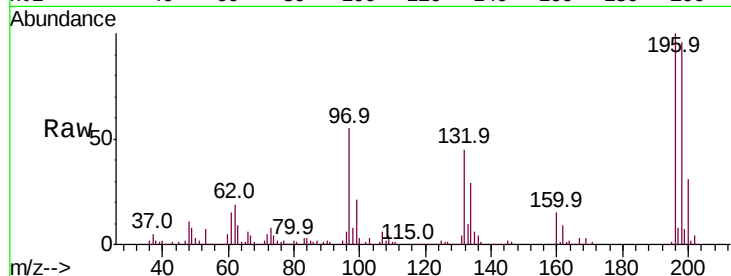




#43
 2,4,6-Trichlorophenol
 Concen: 45.657 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF113233.D
 Acq: 22 Mar 2019 14:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Resp	Lower	Upper
196	100	254385		
198	95.9		75.8	113.8
200	30.8		24.3	36.5

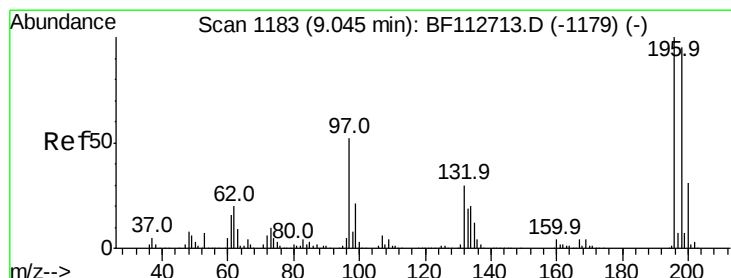
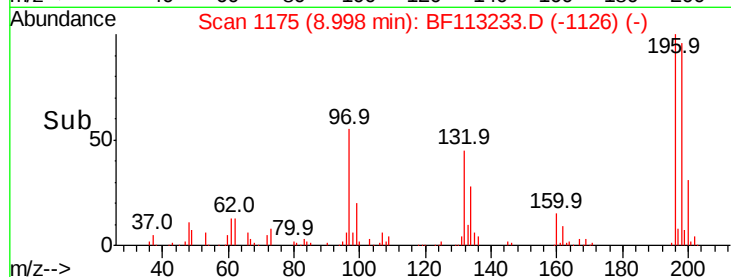
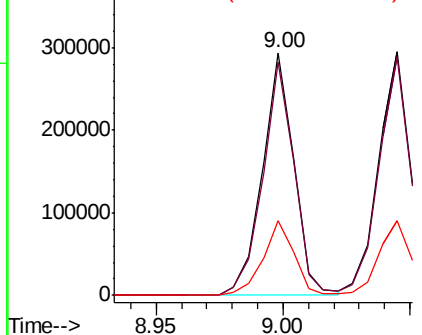


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 44.881 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF113233.D
 Acq: 22 Mar 2019 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	270281		
198	98.0		76.2	114.2
97	47.6		41.5	62.3
132	27.3		23.9	35.9

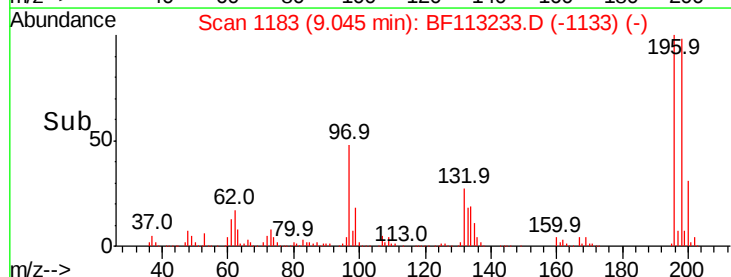
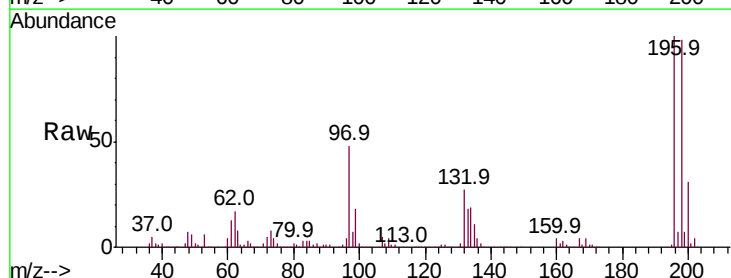
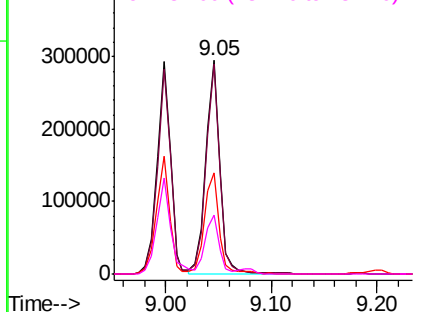
Abundance

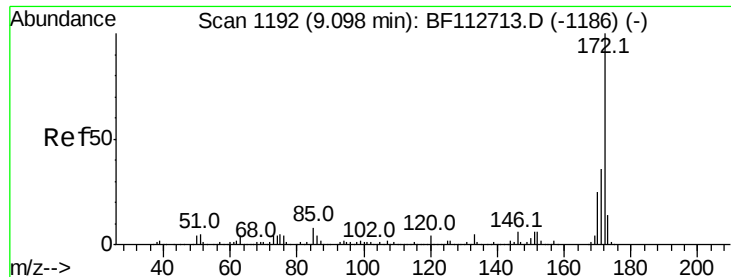
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

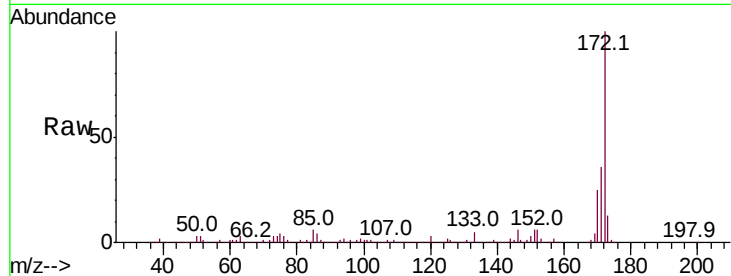




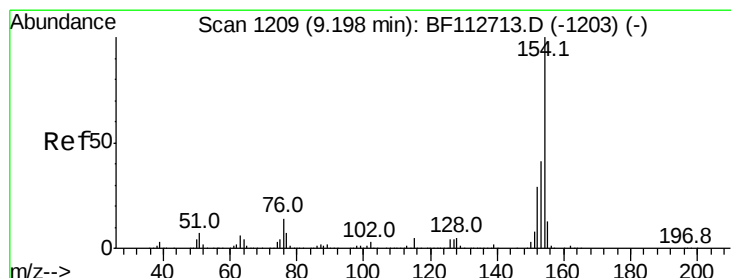
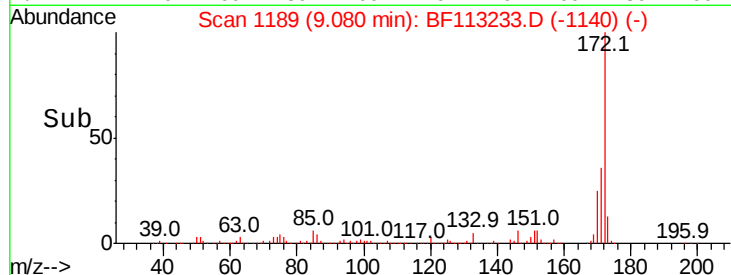
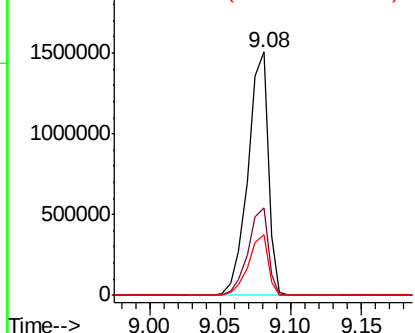
#45
2-Fluorobiphenyl
Concen: 93.782 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1528660
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.4
170 24.8 20.0 30.0

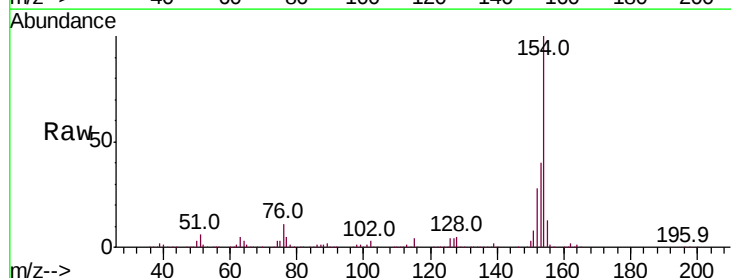


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

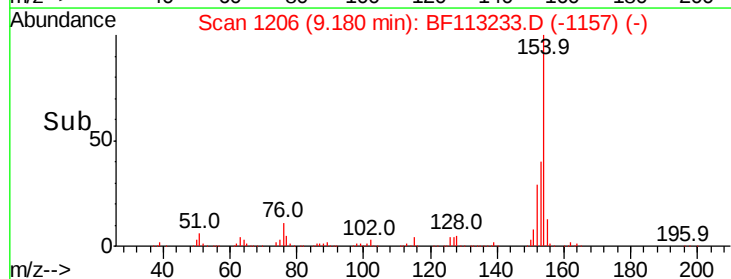
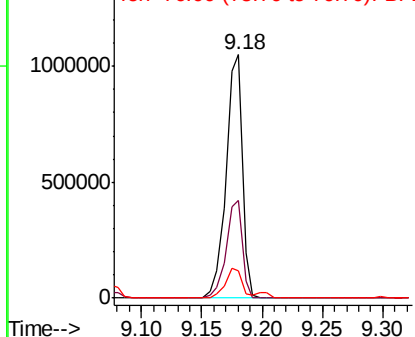


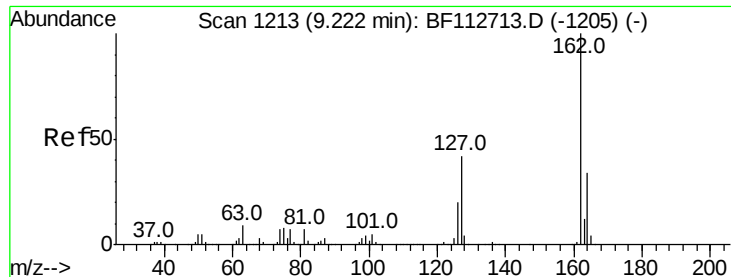
#46
1,1'-Biphenyl
Concen: 43.393 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Tgt Ion:154 Resp: 982583
Ion Ratio Lower Upper
154 100
153 40.3 20.8 60.8
76 11.1 0.0 33.8



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: 42.824 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Instrument :

BNA_F

ClientSampled :

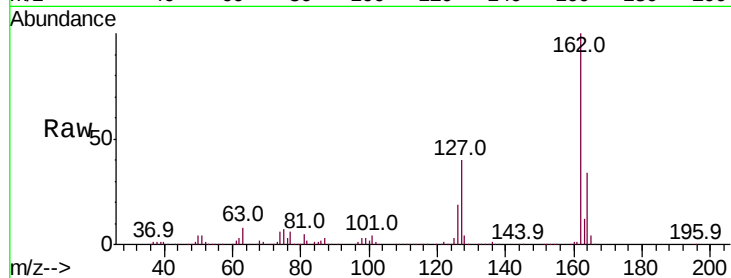
Tot Ion:162 Resp: 757171

Ion Ratio Lower Upper

162 100

127 39.7 33.4 50.2

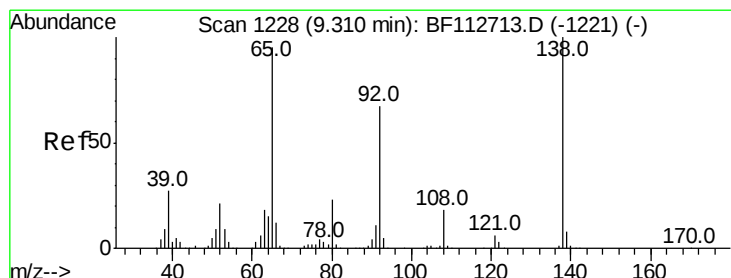
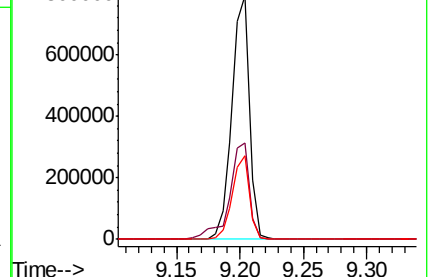
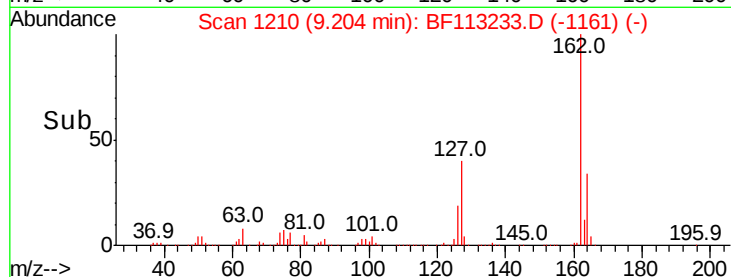
164 34.1 26.9 40.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 45.760 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

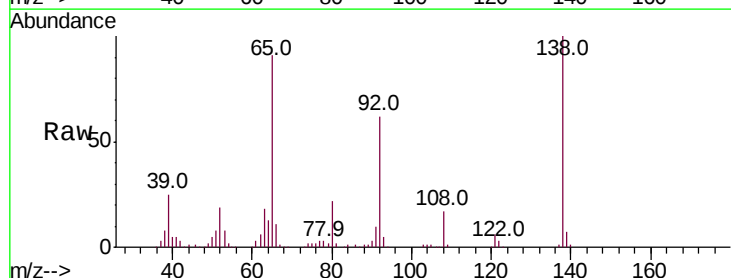
Tgt Ion: 65 Resp: 245925

Ion Ratio Lower Upper

65 100

92 68.4 56.4 84.6

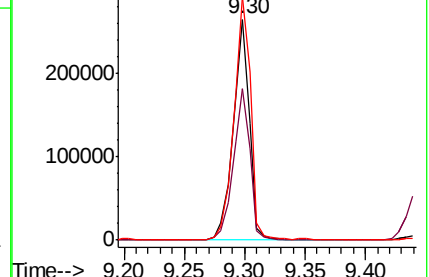
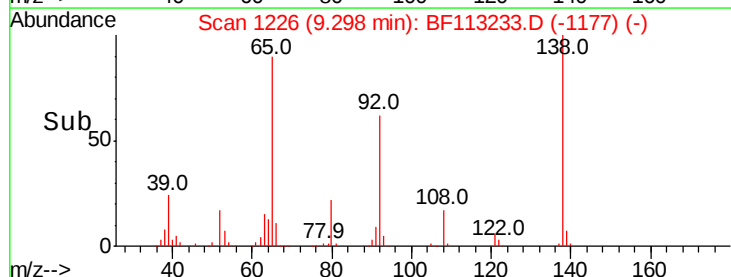
138 110.2 84.6 126.8

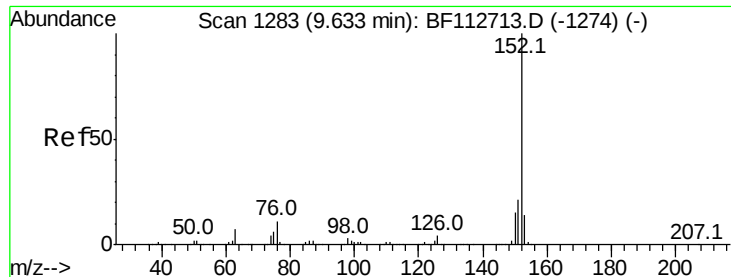


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.134 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Instrument :

BNA_F

ClientSampleId :

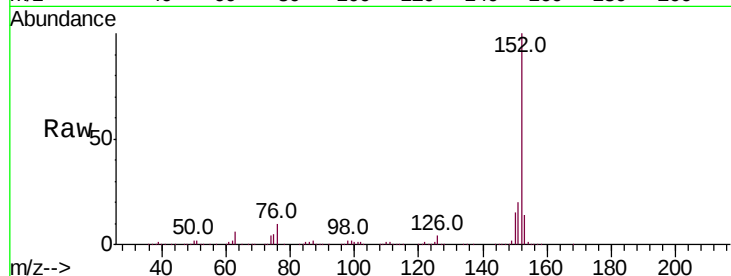
Tot Ion:152 Resp: 1234697

Ion Ratio Lower Upper

152 100

151 20.3 16.9 25.3

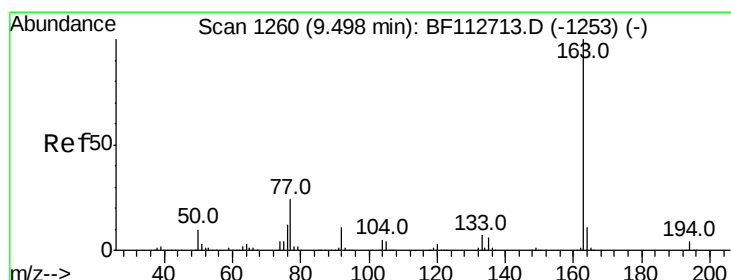
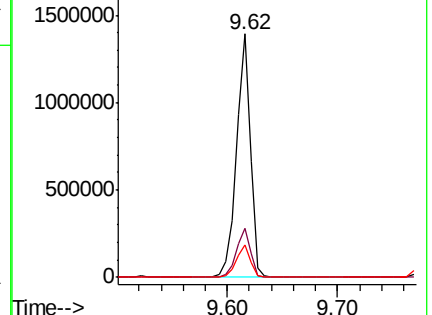
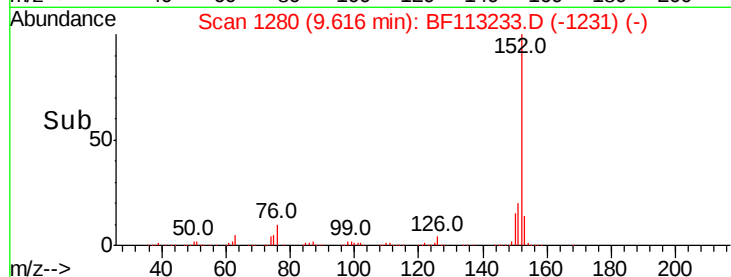
153 13.5 11.0 16.6



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: 52.457 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

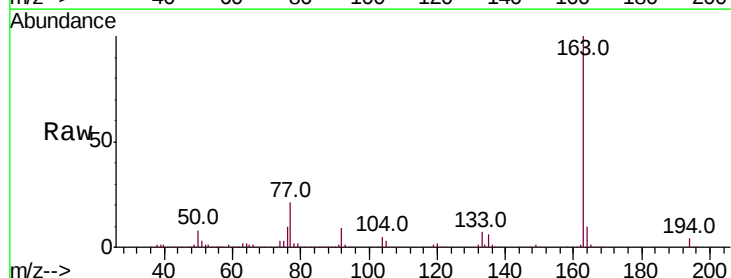
Tgt Ion:163 Resp: 1073795

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

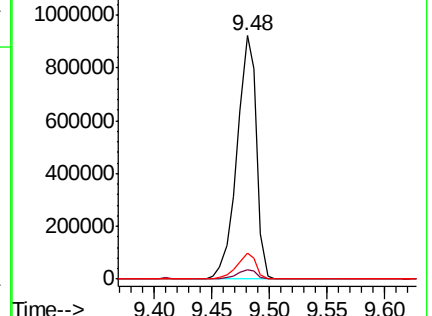
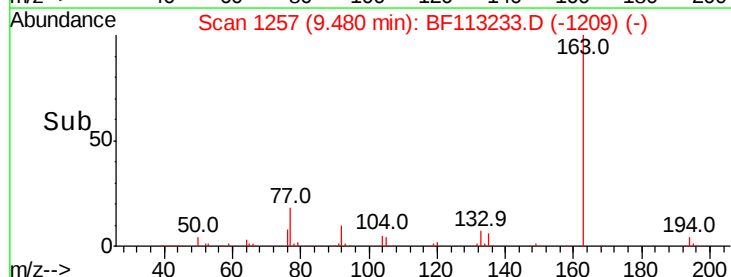
164 10.4 8.4 12.6

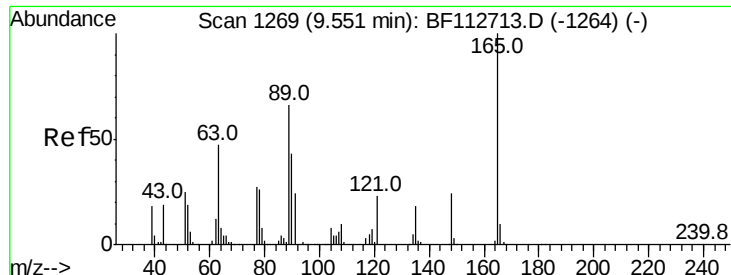


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 49.020 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Instrument :

BNA_F

ClientSampleId :

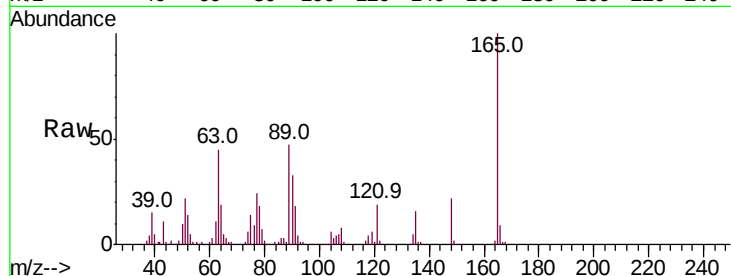
Tot Ion:165 Resp: 208956

Ion Ratio Lower Upper

165 100

63 44.7 54.1 81.1#

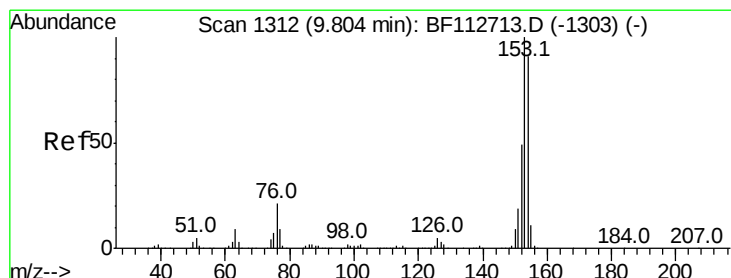
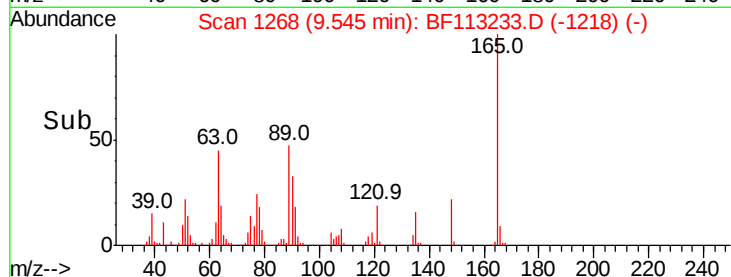
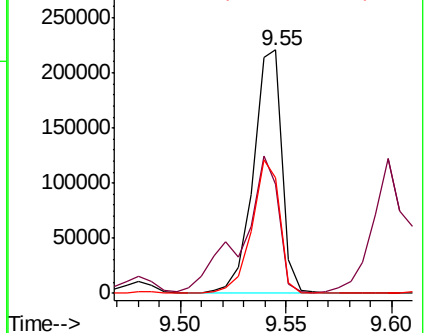
89 47.3 52.8 79.2#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 40.418 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

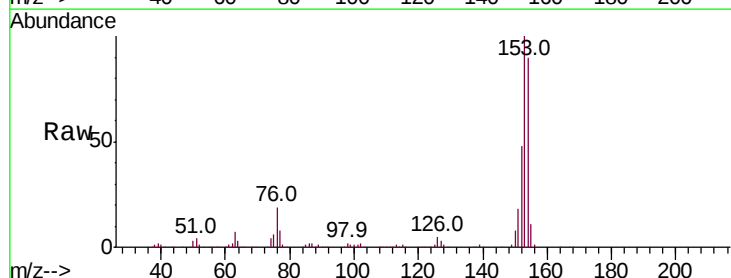
Tgt Ion:154 Resp: 709469

Ion Ratio Lower Upper

154 100

153 110.7 87.8 131.8

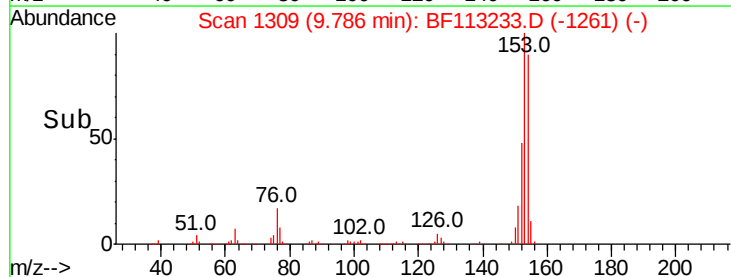
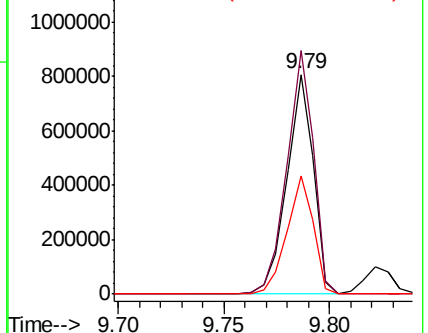
152 53.7 43.0 64.6

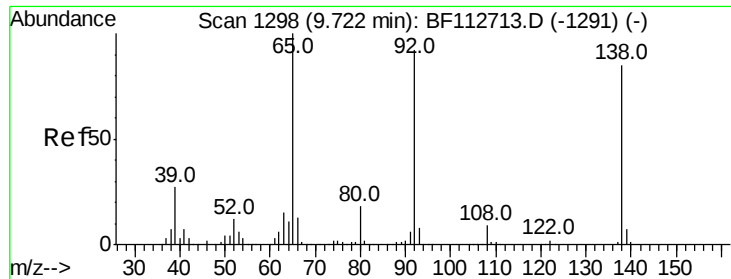


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

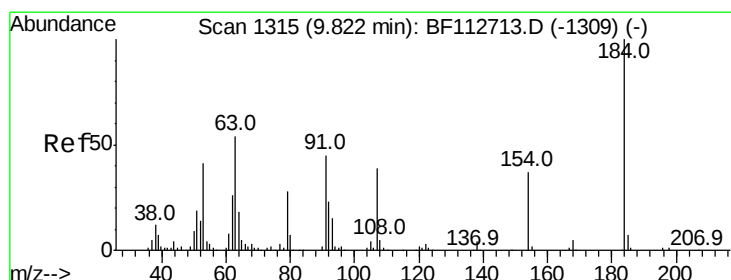
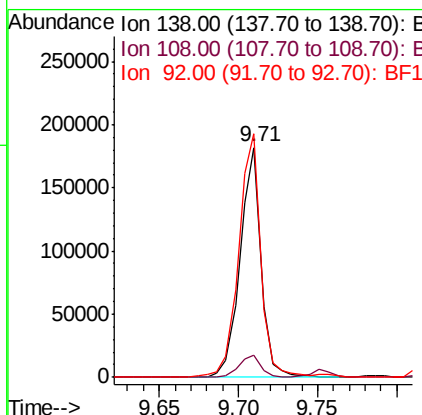
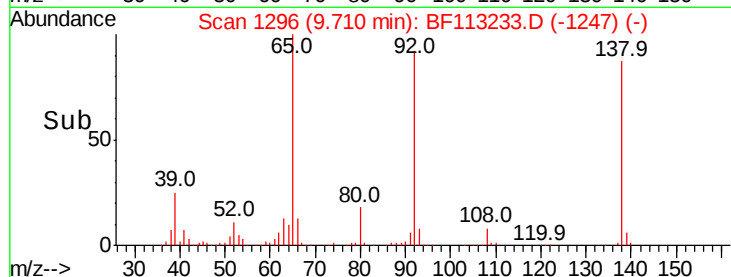
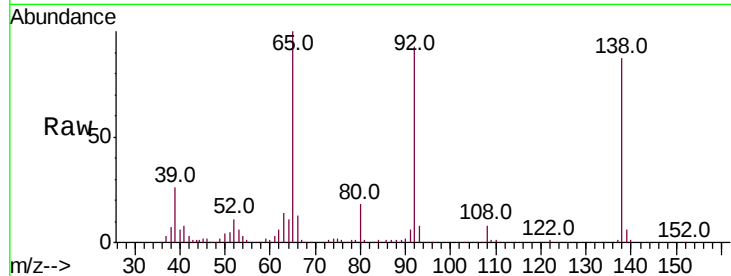




#53
 3-Nitroaniline
 Concen: 32.139 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF113233.D
 Acq: 22 Mar 2019 14:31

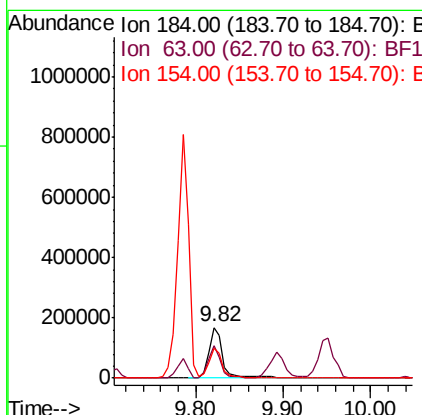
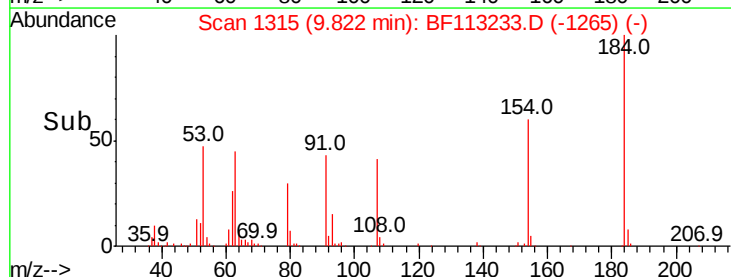
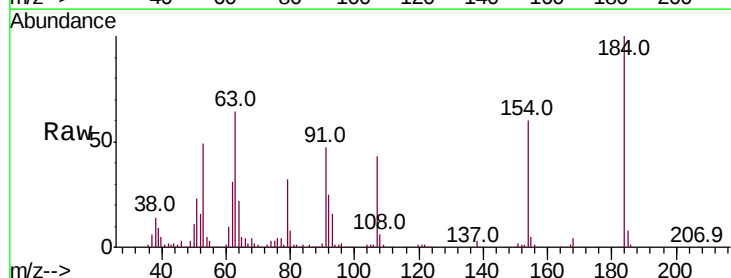
Instrument :
 BNA_F
 ClientSampled :

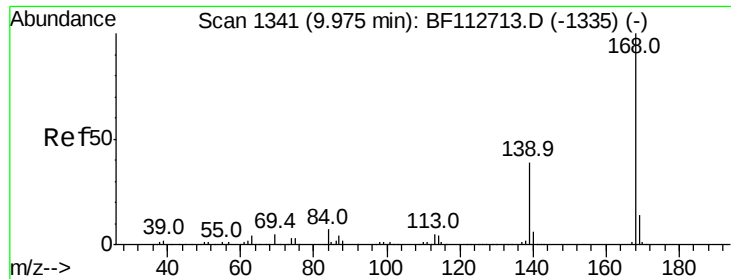
Tot Ion:138 Resp: 166933
 Ion Ratio Lower Upper
 138 100
 108 9.5 8.6 13.0
 92 106.1 86.6 129.8



#54
 2,4-Dinitrophenol
 Concen: 102.257 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF113233.D
 Acq: 22 Mar 2019 14:31

Tgt Ion:184 Resp: 181704
 Ion Ratio Lower Upper
 184 100
 63 64.4 45.3 67.9
 154 60.1 46.0 69.0

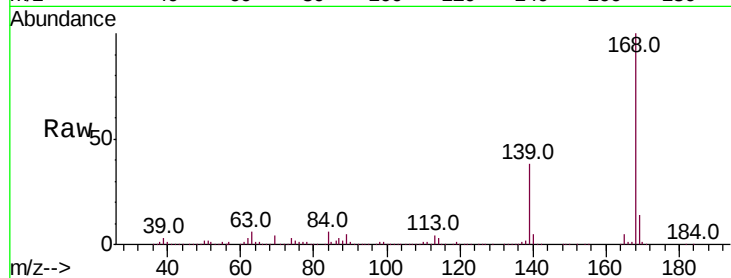




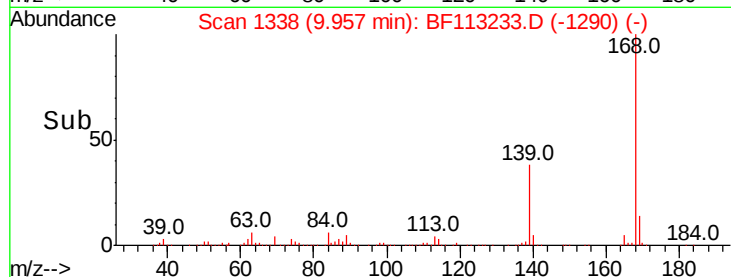
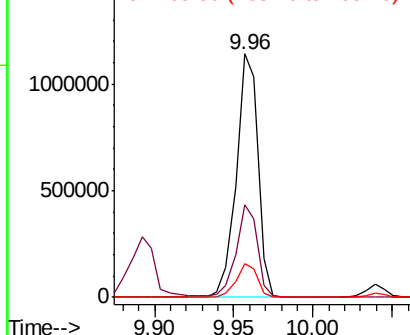
#55
Dibenzofuran
Concen: 42.428 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 1082418
Ion Ratio Lower Upper
168 100
139 38.0 31.3 46.9
169 14.0 11.3 16.9

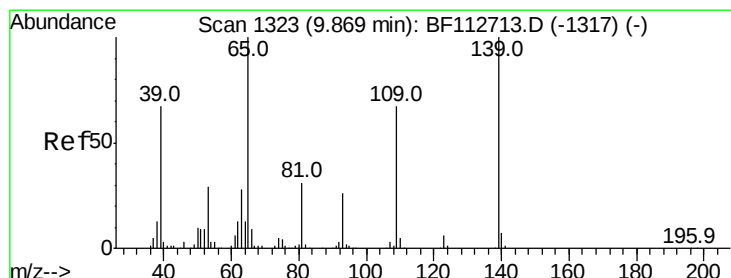


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

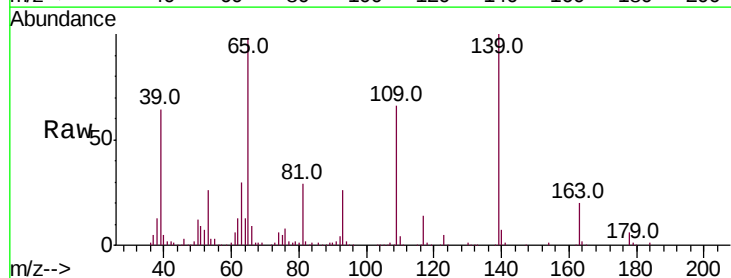
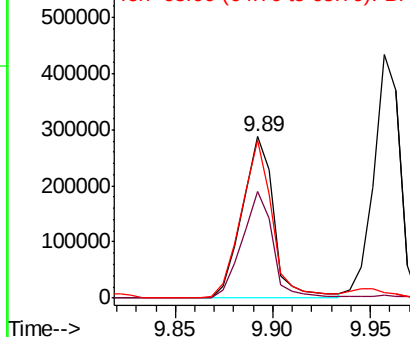


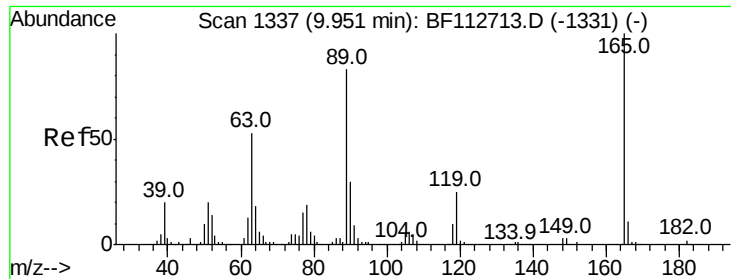
#56
4-Nitrophenol
Concen: 76.384 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Tgt Ion:139 Resp: 322446
Ion Ratio Lower Upper
139 100
109 66.1 46.8 86.8
65 98.3 80.7 120.7



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

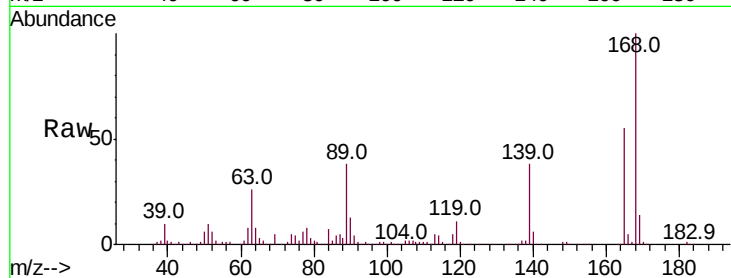




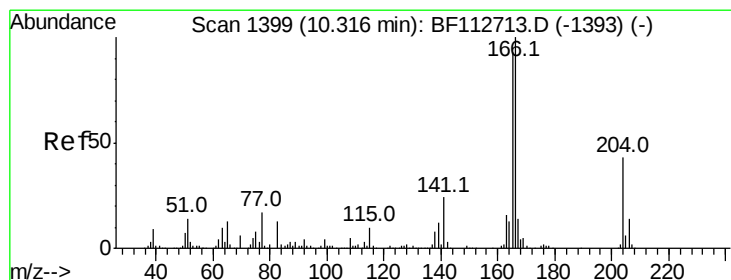
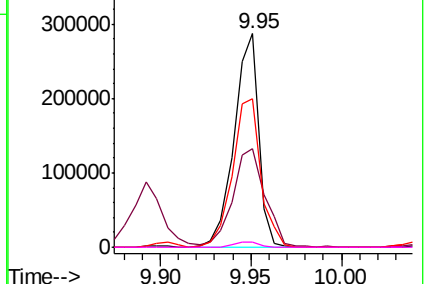
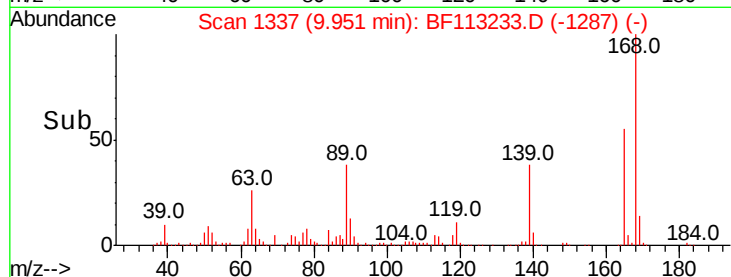
#57
2,4-Dinitrotoluene
Concen: 51.011 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	165	Resp:	270287
Ion	Ratio	Lower	Upper
165	100		
63	46.3	42.2	63.2
89	69.4	66.2	99.4
182	2.6	1.8	2.6

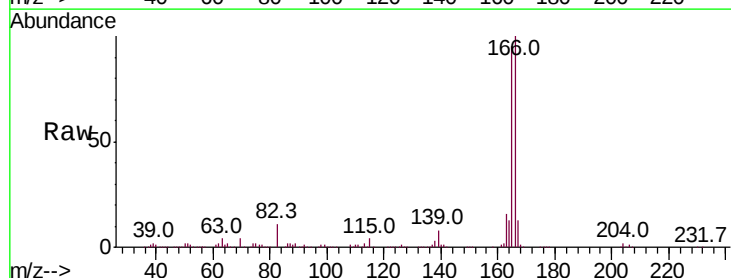


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

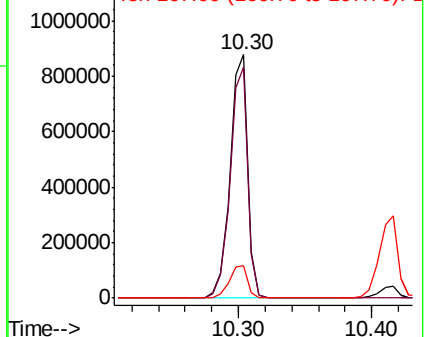
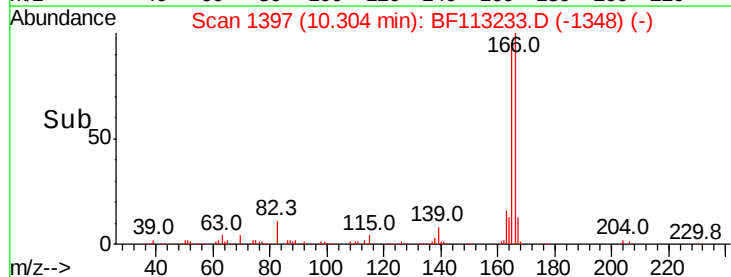


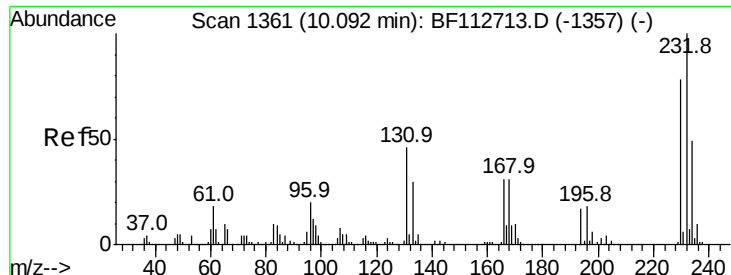
#58
Fluorene
Concen: 45.099 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Tgt Ion:	166	Resp:	816625
Ion	Ratio	Lower	Upper
166	100		
165	94.8	74.7	112.1
167	13.3	11.0	16.6



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

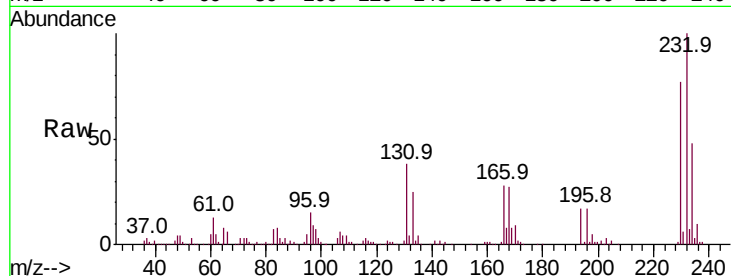




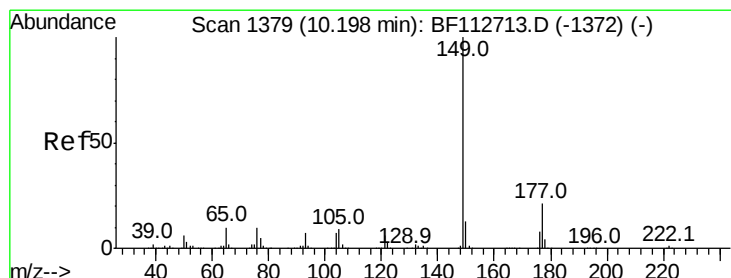
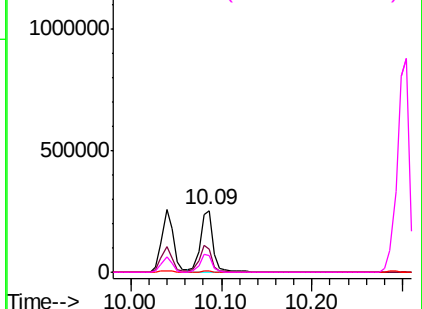
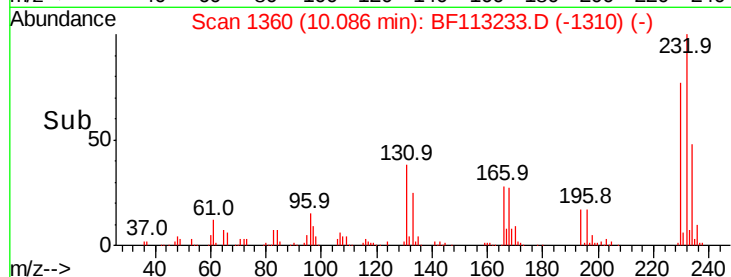
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.382 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.5	38.7	58.1
130	2.0	1.9	2.9
166	28.2	25.2	37.8

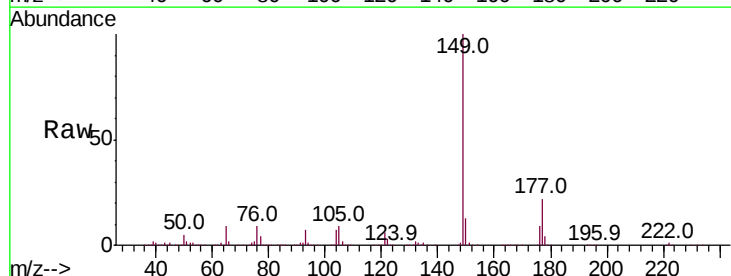


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

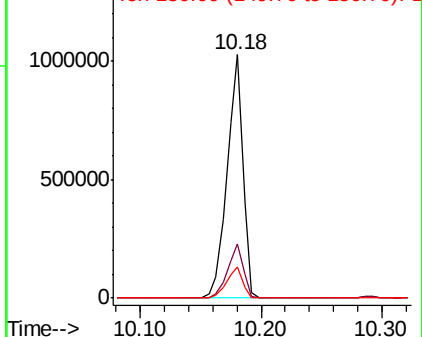
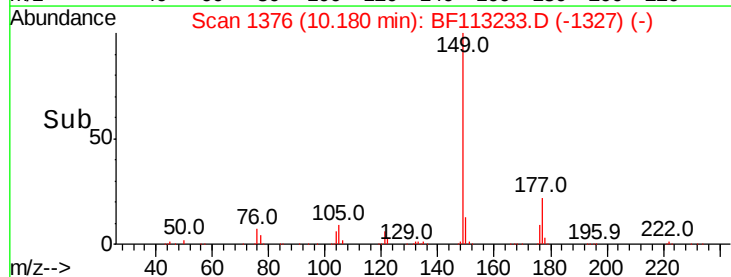


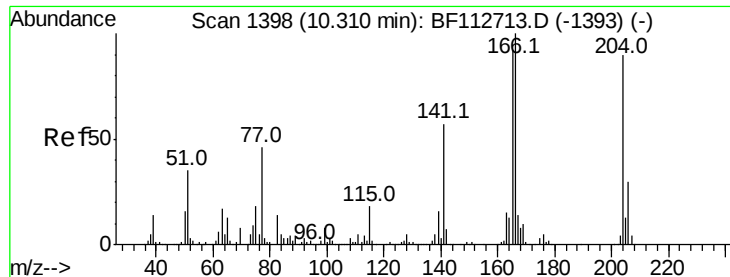
#60
Diethylphthalate
Concen: 43.247 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.0	25.6
150	12.6	10.0	15.0



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

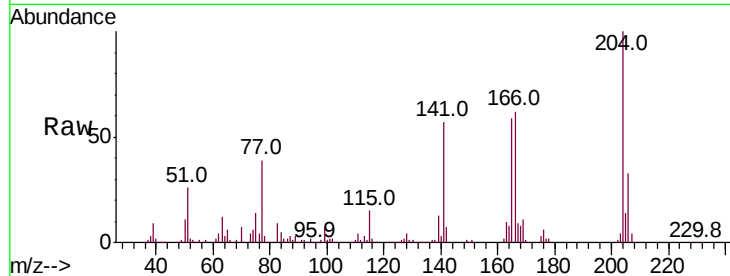




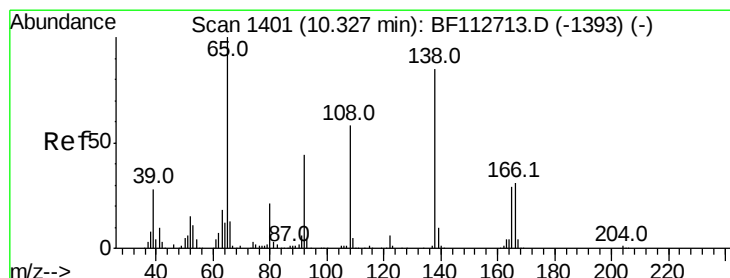
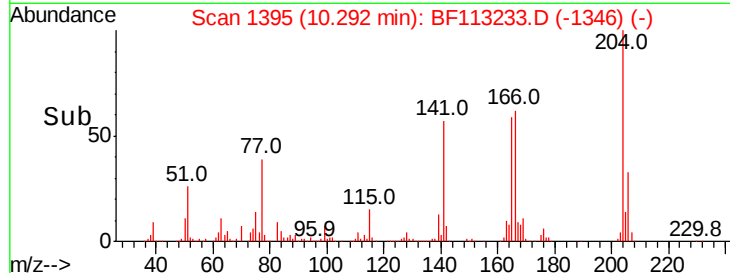
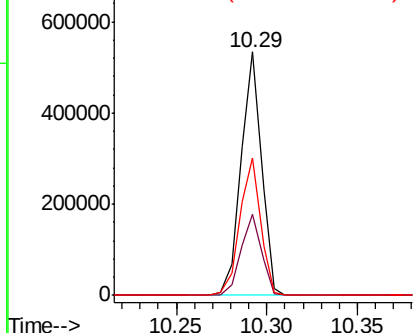
#61
4-Chlorophenyl-phenylether
Concen: 49.725 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 418916
Ion Ratio Lower Upper
204 100
206 33.5 26.6 40.0
141 56.7 50.8 76.2

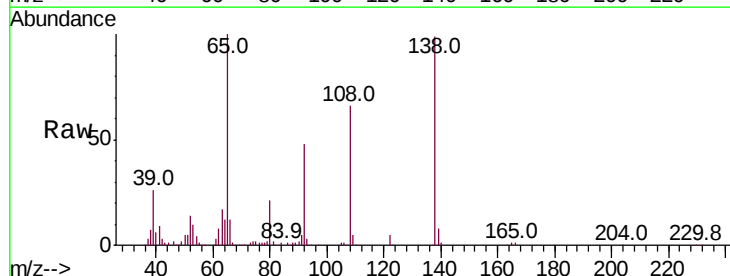


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

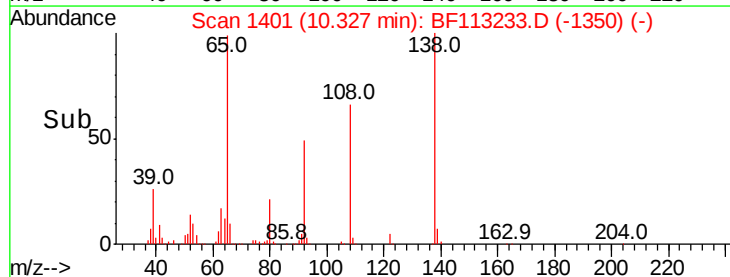
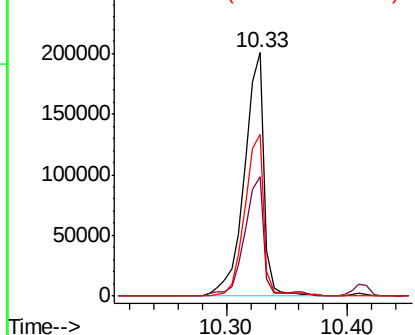


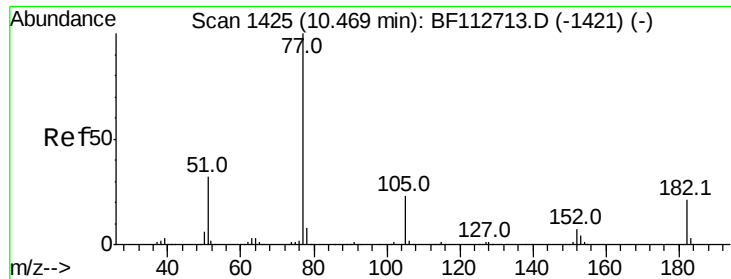
#62
4-Nitroaniline
Concen: 47.526 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Tgt Ion:138 Resp: 228111
Ion Ratio Lower Upper
138 100
92 49.0 31.3 71.3
108 66.6 48.1 88.1



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

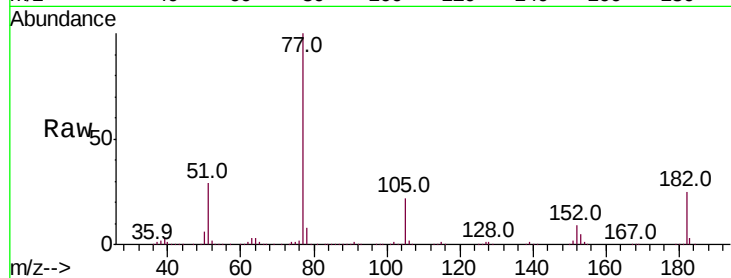




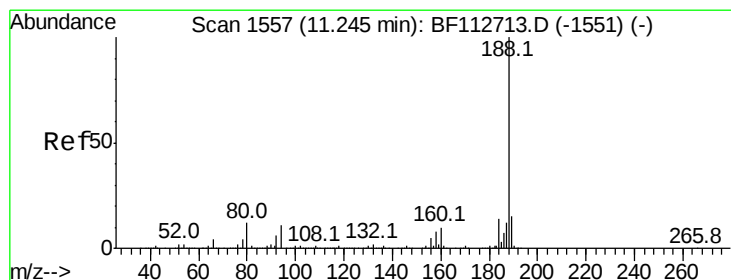
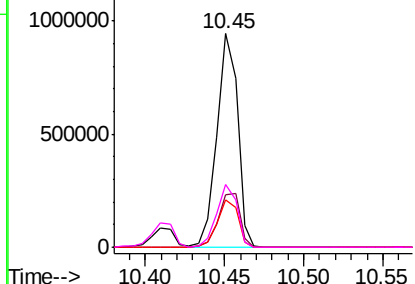
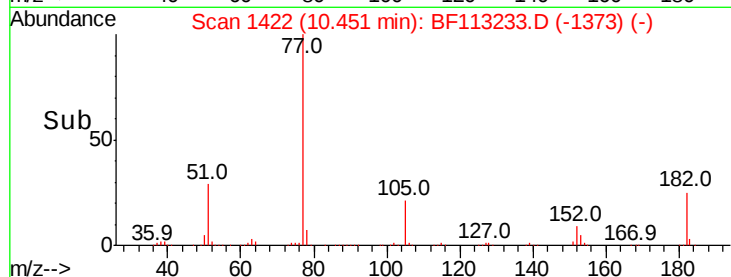
#63
Azobenzene
Concen: 38.556 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 853784
Ion Ratio Lower Upper
77 100
182 24.5 1.4 41.4
105 22.2 2.6 42.6
51 29.4 12.0 52.0

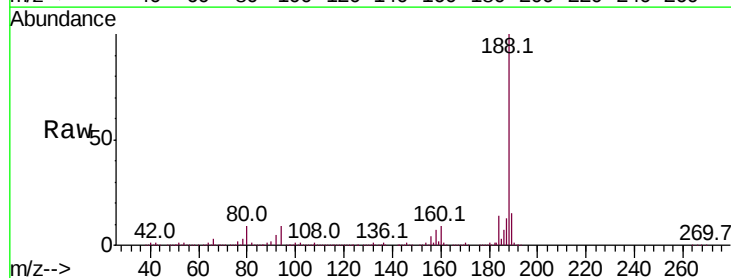


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

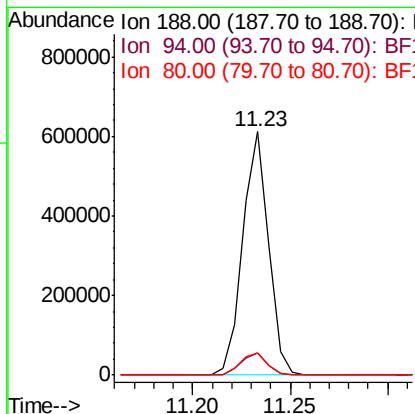
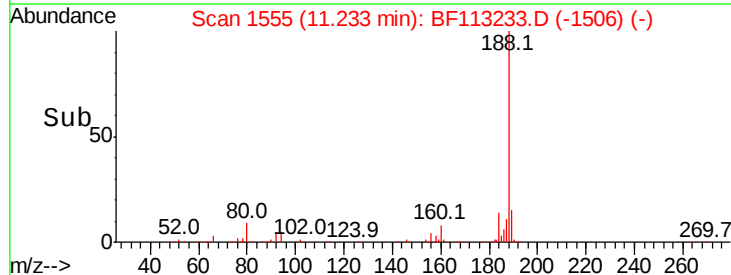


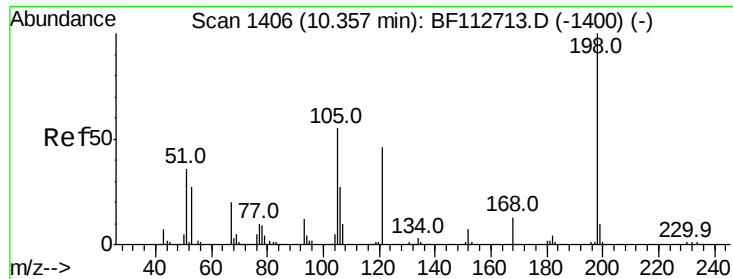
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Tgt Ion: 188 Resp: 559533
Ion Ratio Lower Upper
188 100
94 9.0 9.0 13.4
80 9.2 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

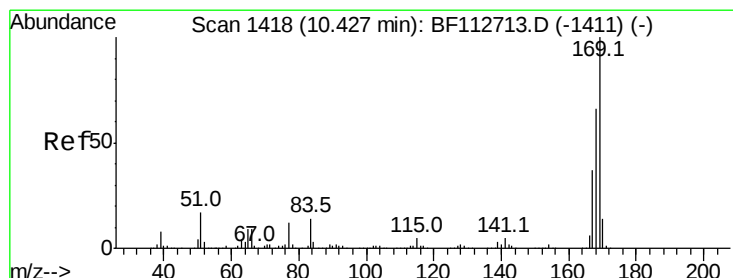
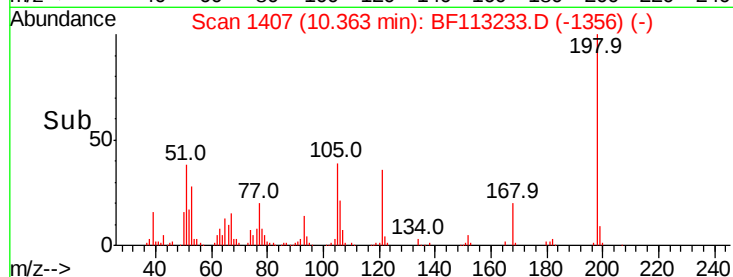
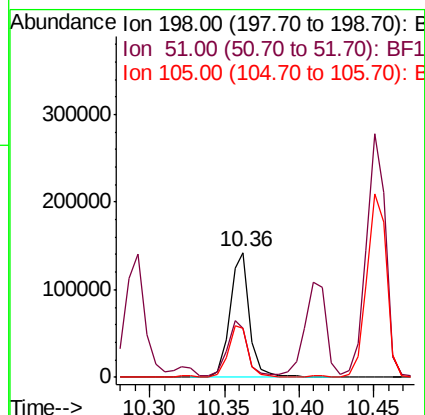
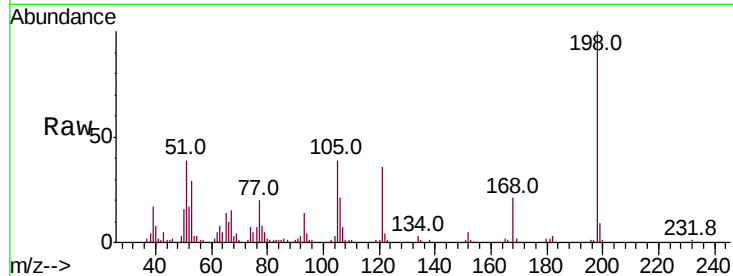




#65
 4,6-Dinitro-2-methylphenol
 Concen: 57.222 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.00 min
 Lab File: BF113233.D
 Acq: 22 Mar 2019 14:31

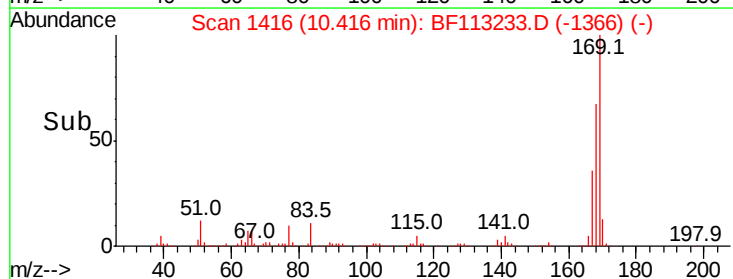
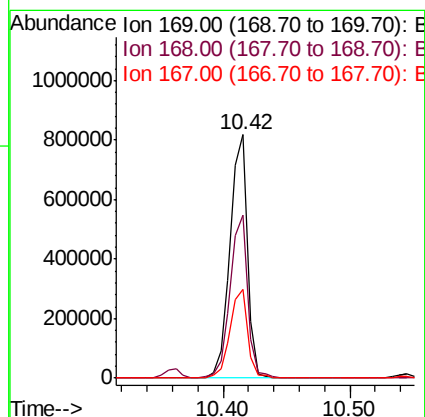
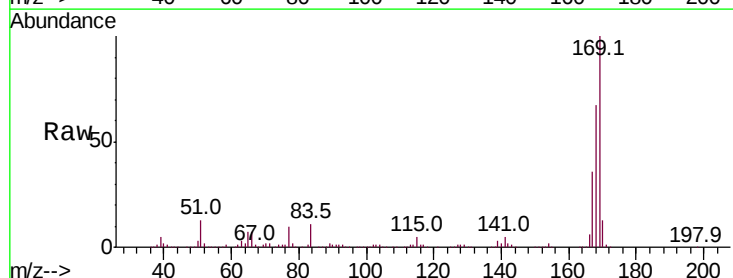
Instrument :
 BNA_F
 ClientSampleId :

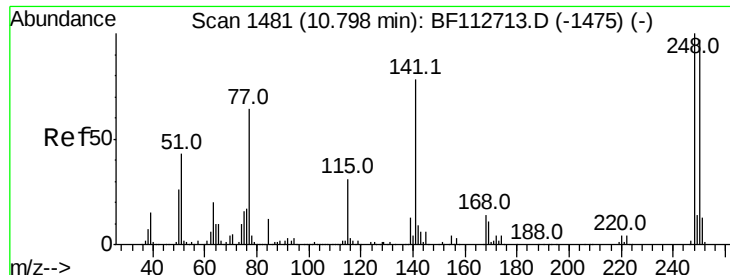
Tot Ion:198 Resp: 133811
 Ion Ratio Lower Upper
 198 100
 51 38.9 43.8 83.8#
 105 39.1 36.5 76.5



#66
 n-Nitrosodiphenylamine
 Concen: 43.024 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF113233.D
 Acq: 22 Mar 2019 14:31

Tgt Ion:169 Resp: 772060
 Ion Ratio Lower Upper
 169 100
 168 66.7 53.0 79.6
 167 36.5 29.3 43.9

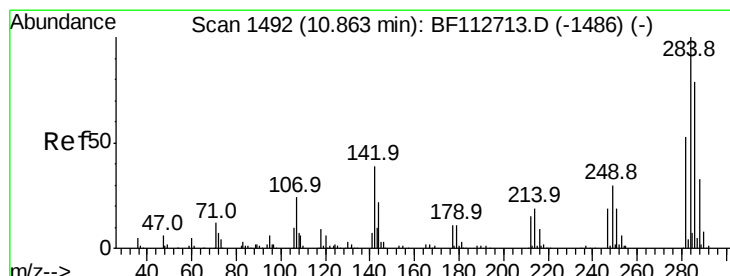
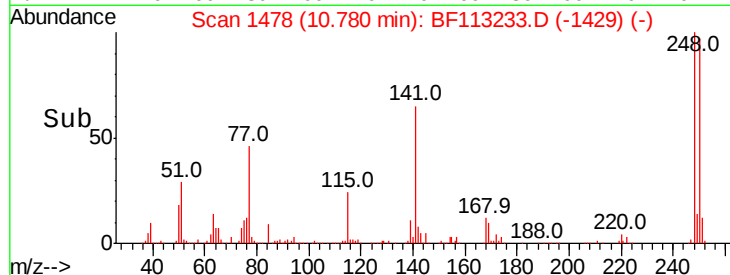
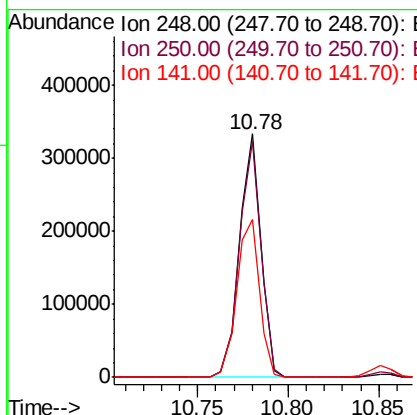
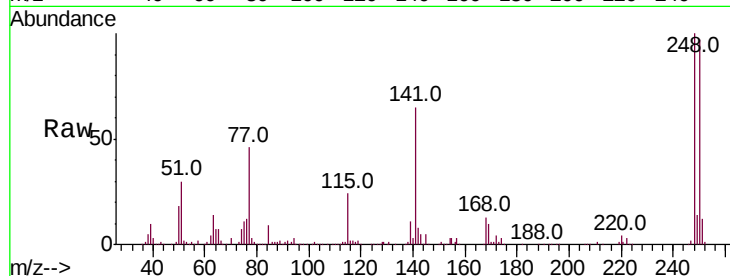




#67
 4-Bromophenyl-phenylether
 Concen: 46.677 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF113233.D
 Acq: 22 Mar 2019 14:31

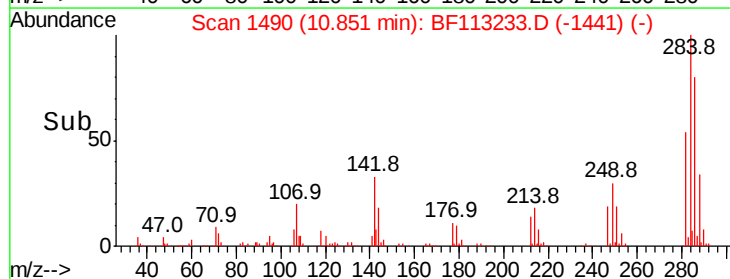
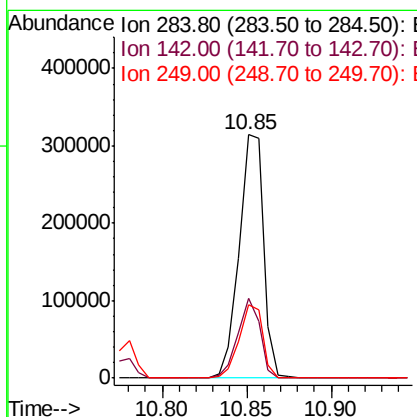
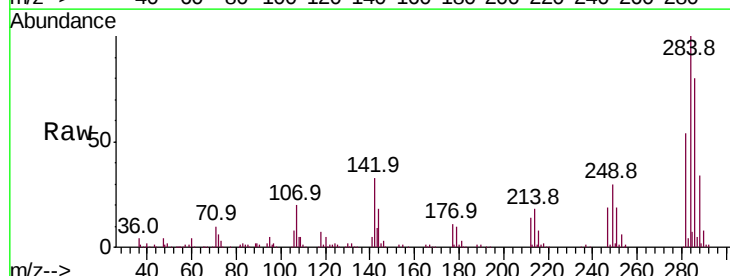
Instrument :
 BNA_F
 ClientSampled :

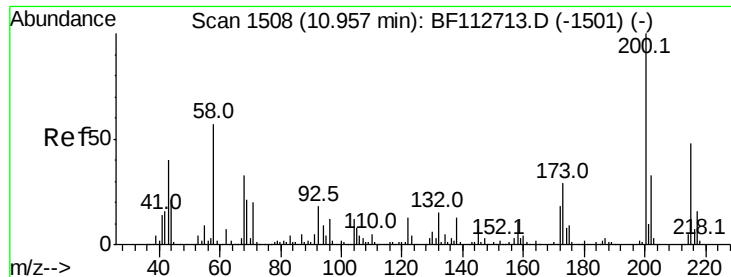
Tot Ion:	248	Resp:	275096
Ion	Ratio	Lower	Upper
248	100		
250	97.0	77.5	116.3
141	64.6	62.4	93.6



#68
 Hexachlorobenzene
 Concen: 47.824 ng
 RT: 10.85 min Scan# 1490
 Delta R.T. -0.01 min
 Lab File: BF113233.D
 Acq: 22 Mar 2019 14:31

Tgt Ion:	284	Resp:	317721
Ion	Ratio	Lower	Upper
284	100		
142	32.7	31.0	46.6
249	30.1	23.6	35.4

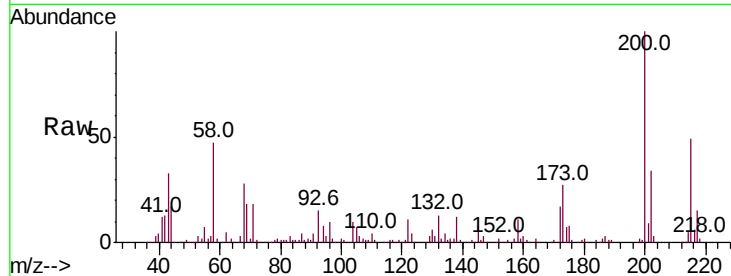




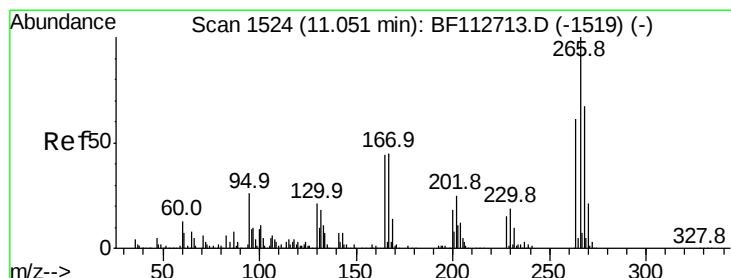
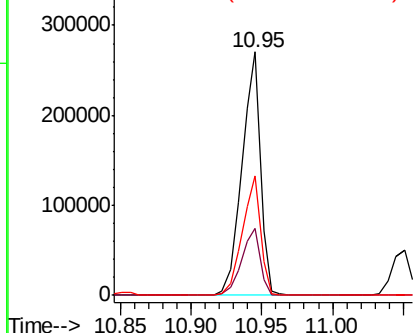
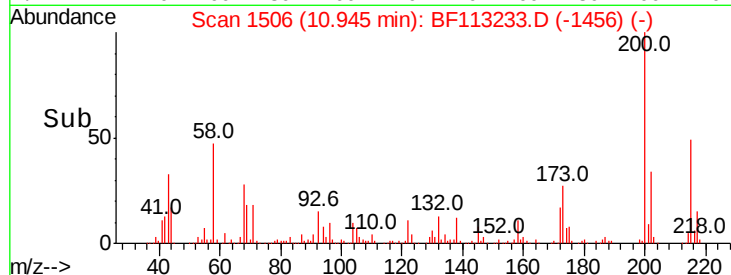
#69
Atrazine
Concen: 44.740 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 245886
Ion Ratio Lower Upper
200 100
173 27.4 9.1 49.1
215 48.9 28.2 68.2

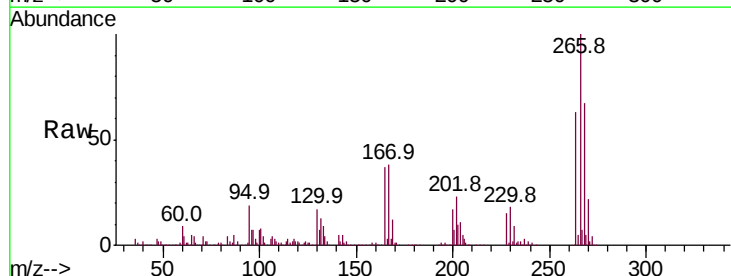


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

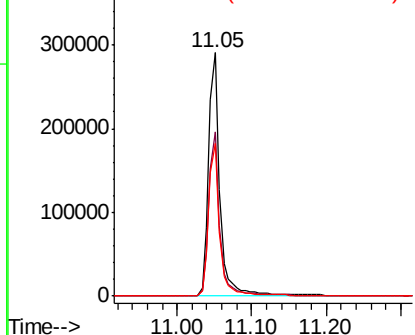
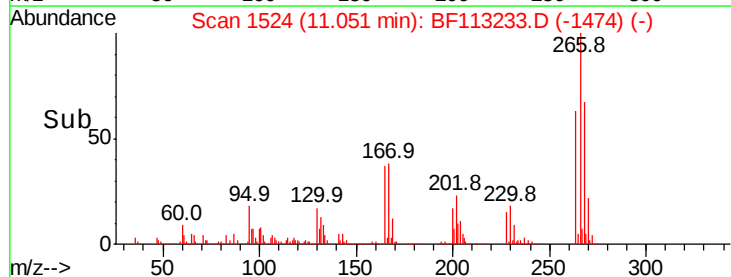


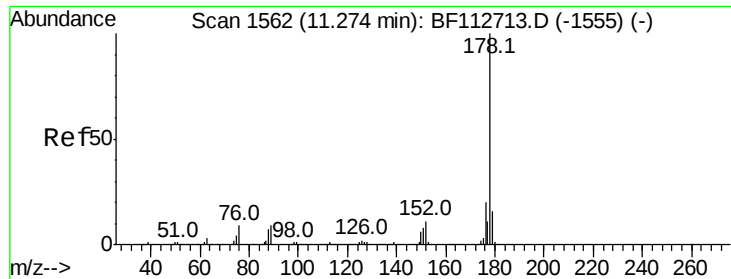
#70
Pentachlorophenol
Concen: 80.151 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Tgt Ion:266 Resp: 313410
Ion Ratio Lower Upper
266 100
268 67.4 53.3 79.9
264 62.7 48.9 73.3



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: 43.493 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Instrument :

BNA_F

ClientSampleId :

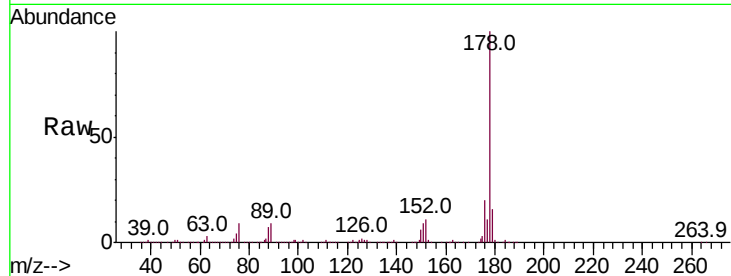
Tot Ion:178 Resp: 1210787

Ion Ratio Lower Upper

178 100

176 20.4 16.3 24.5

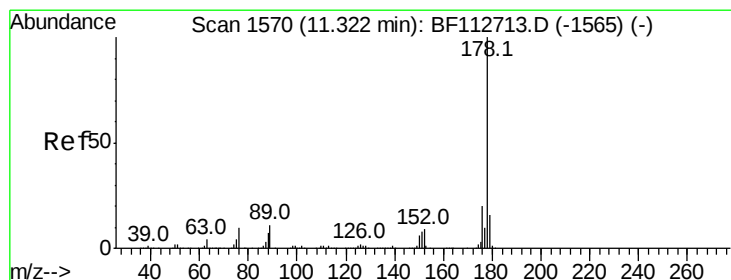
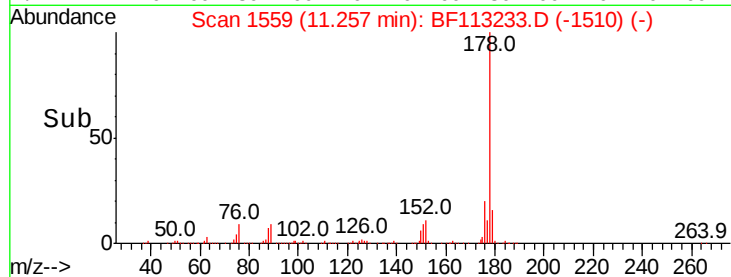
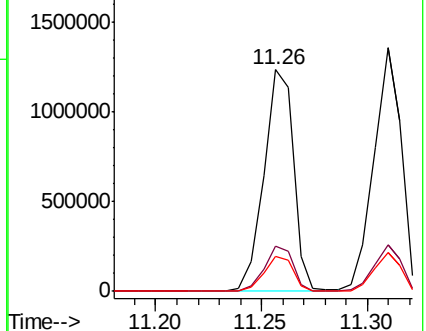
179 16.1 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.860 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

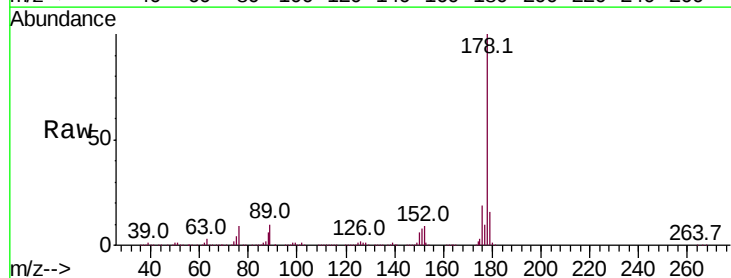
Tgt Ion:178 Resp: 1249007

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.6

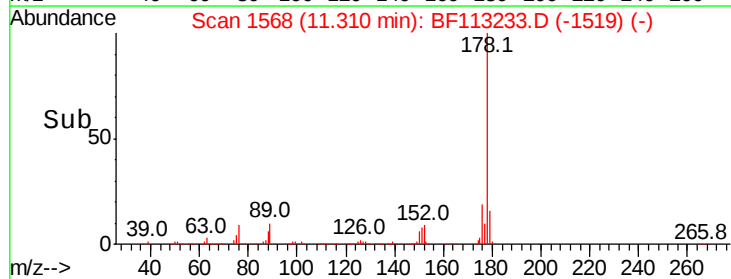
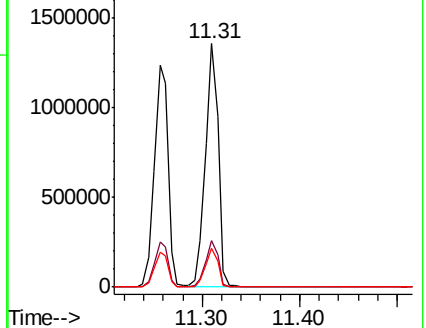
179 16.0 13.0 19.6

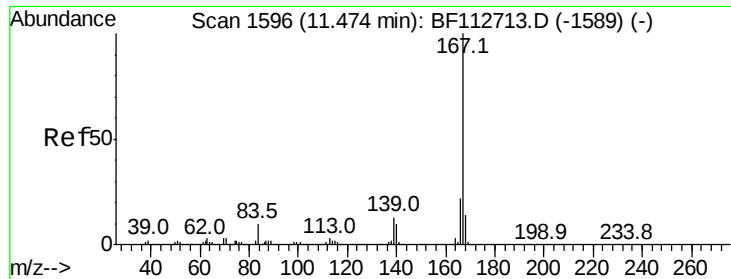


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



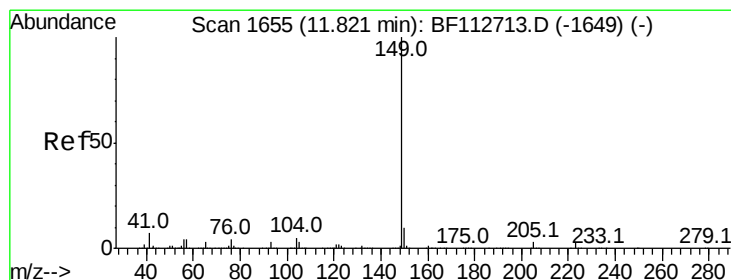
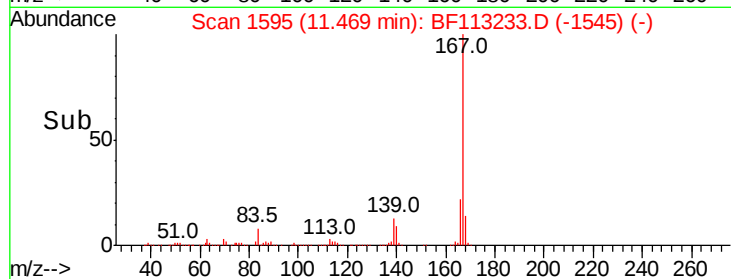
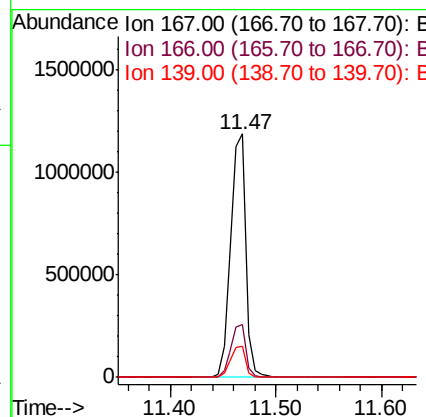
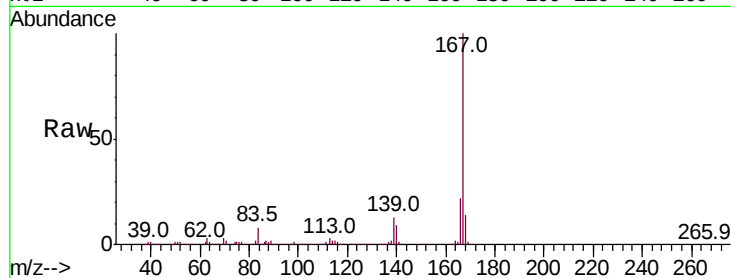


#73
 Carbazole
 Concen: 41.611 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF113233.D
 Acq: 22 Mar 2019 14:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1182904

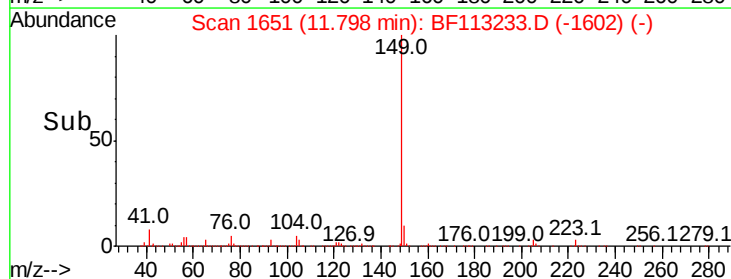
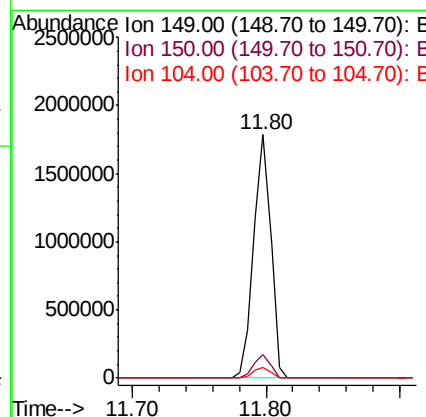
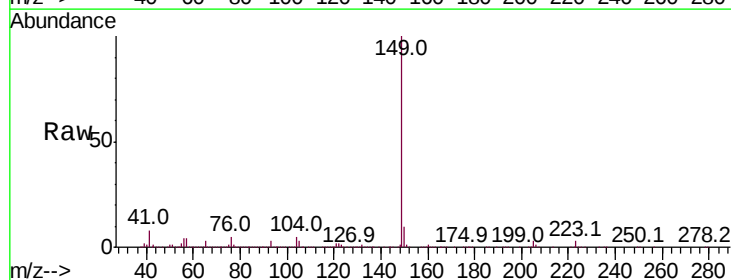
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.5	26.3
139	12.6	10.8	16.2

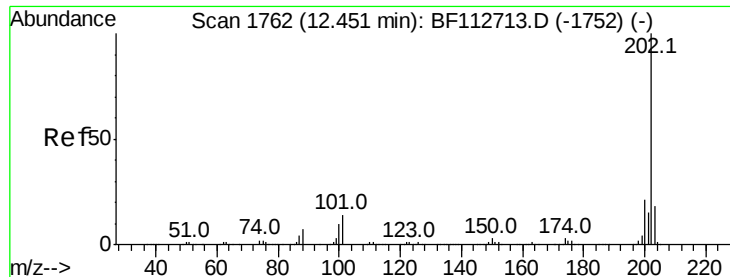


#74
 Di-n-butylphthalate
 Concen: 45.928 ng
 RT: 11.80 min Scan# 1651
 Delta R.T. -0.01 min
 Lab File: BF113233.D
 Acq: 22 Mar 2019 14:31

Tgt Ion:149 Resp: 1565498

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.6	11.4
104	4.5	3.7	5.5





#75

Fluoranthene

Concen: 46.669 ng

RT: 12.44 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Instrument :

BNA_F

ClientSampleId :

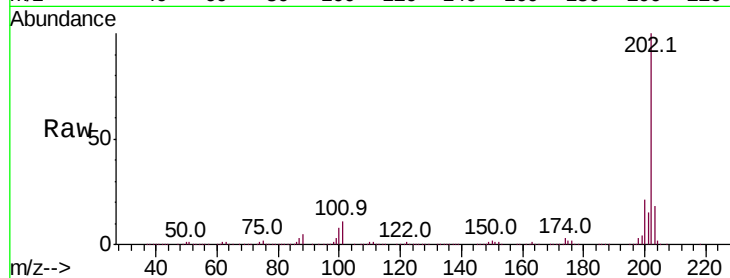
Tot Ion:202 Resp: 1391951

Ion Ratio Lower Upper

202 100

101 11.0 0.0 33.8

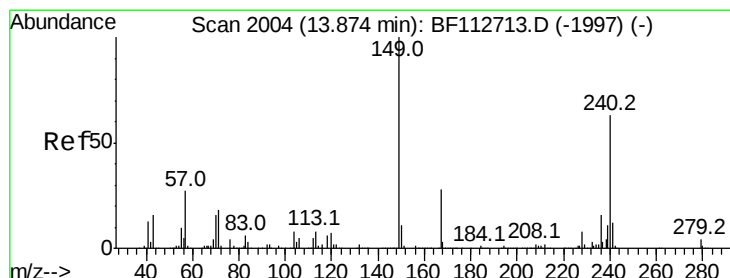
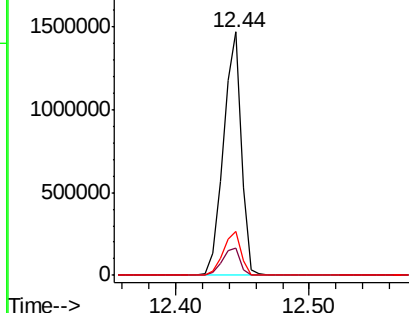
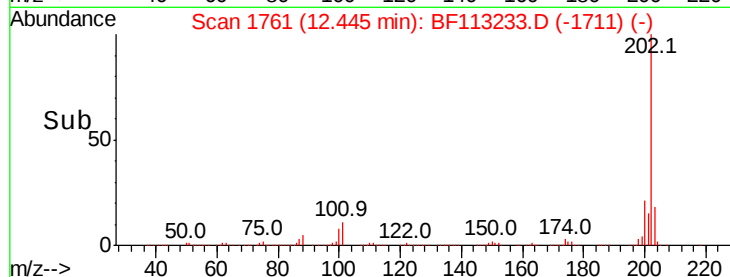
203 18.0 0.0 38.4



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: 13.87 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

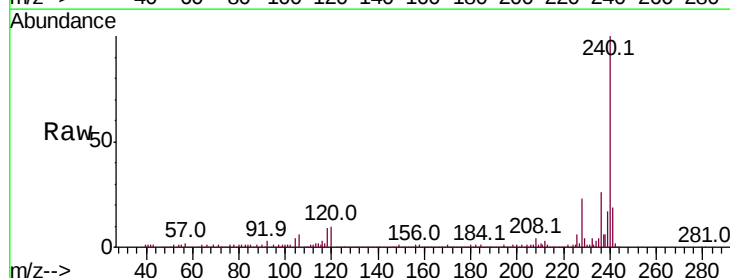
Tgt Ion:240 Resp: 425220

Ion Ratio Lower Upper

240 100

120 10.4 8.9 13.3

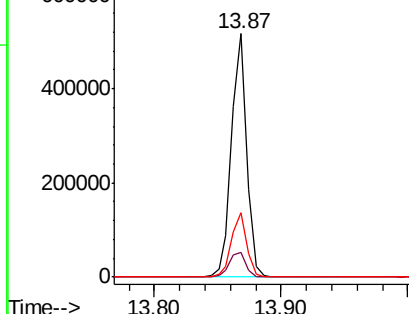
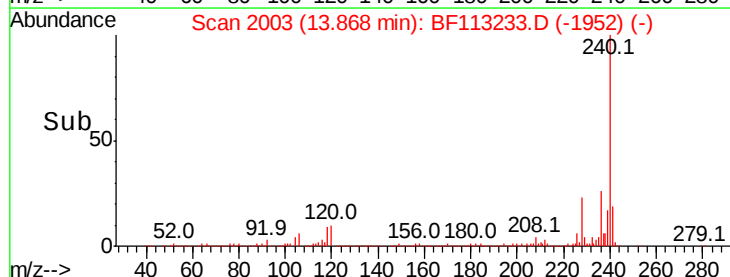
236 26.3 20.7 31.1

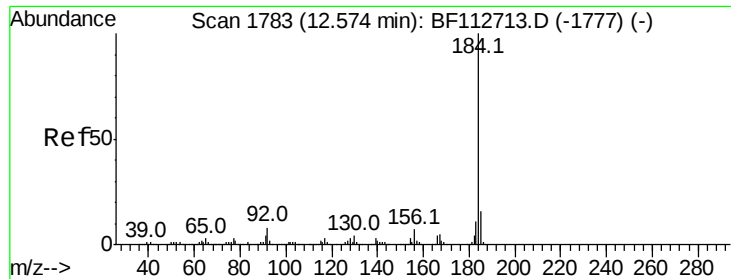


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 21.387 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Instrument :

BNA_F

ClientSampleId :

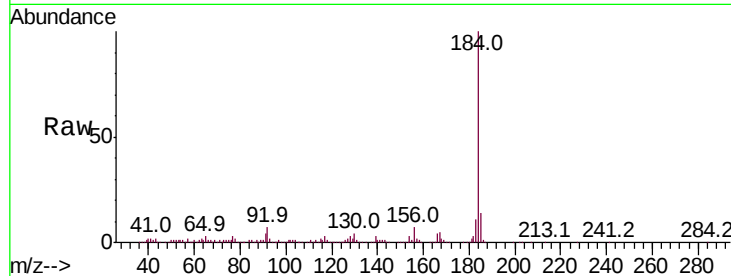
Tot Ion:184 Resp: 471831

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

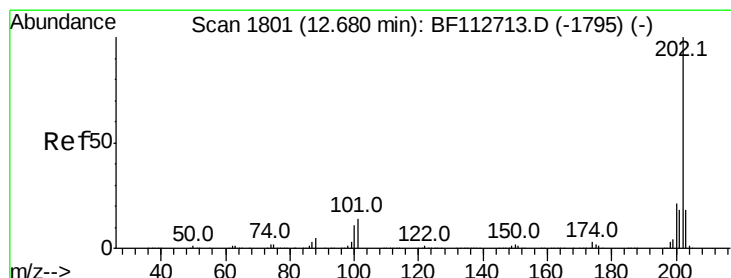
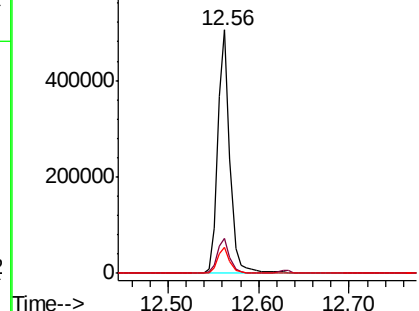
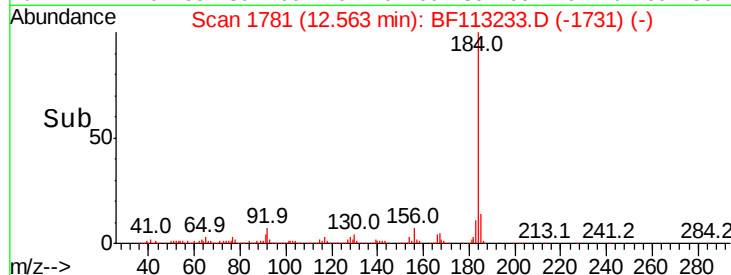
183 10.6 8.6 12.8



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: 39.376 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

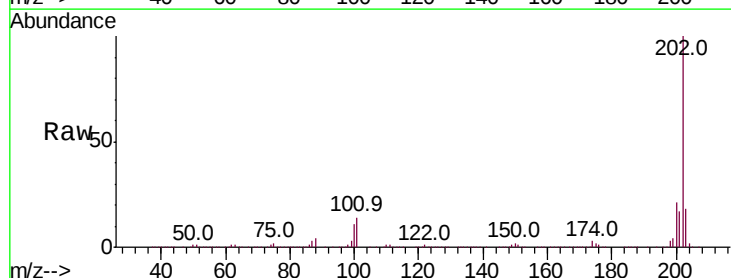
Tgt Ion:202 Resp: 1411532

Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

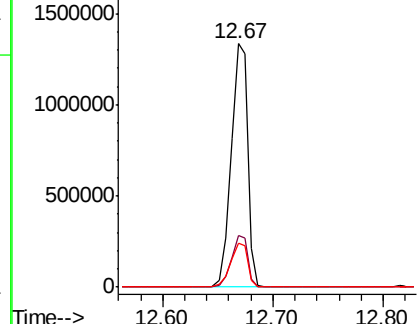
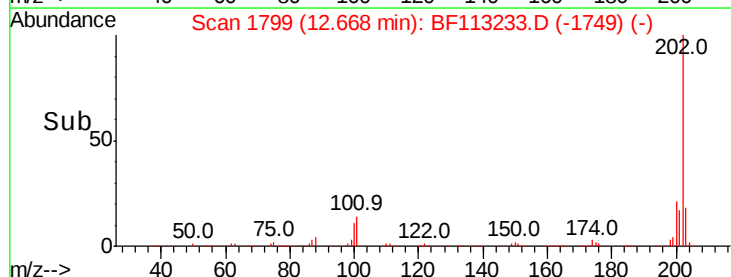
203 18.3 14.4 21.6

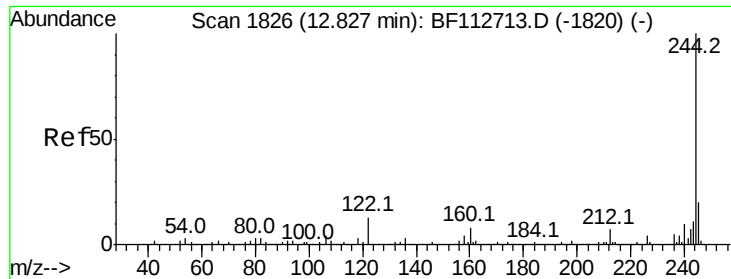


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



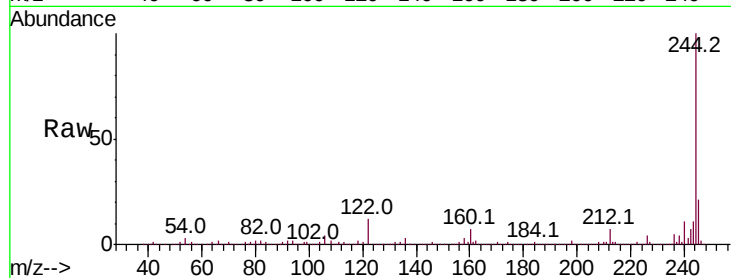


#79
 Terphenyl-d14
 Concen: 89.623 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF113233.D
 Acq: 22 Mar 2019 14:31

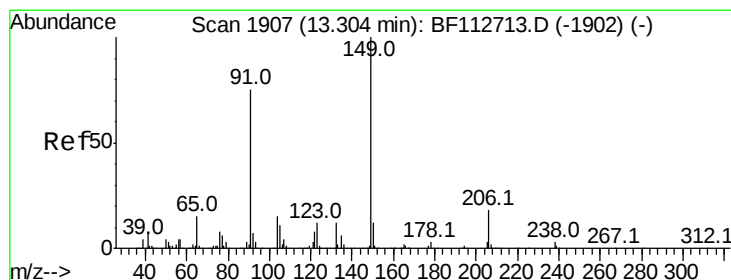
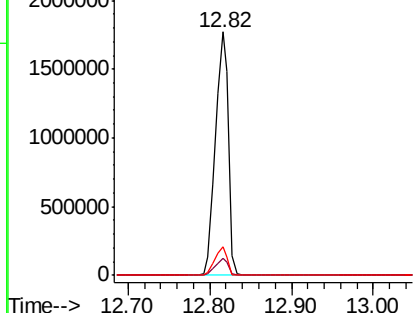
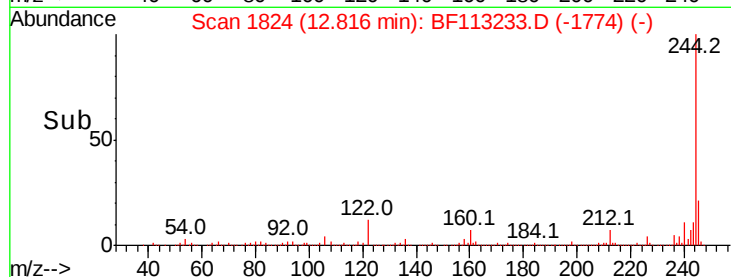
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1965936

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	11.6	10.5	15.7



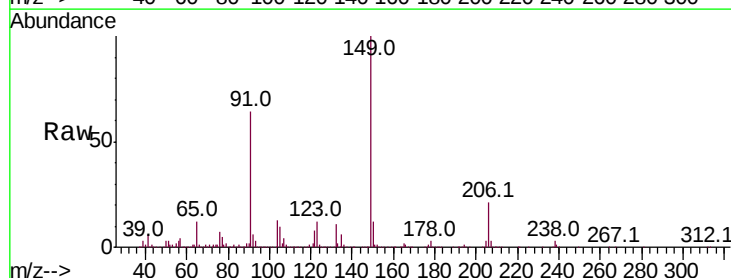
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



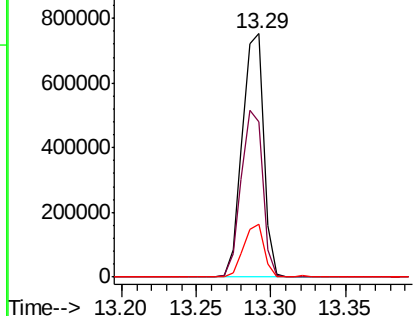
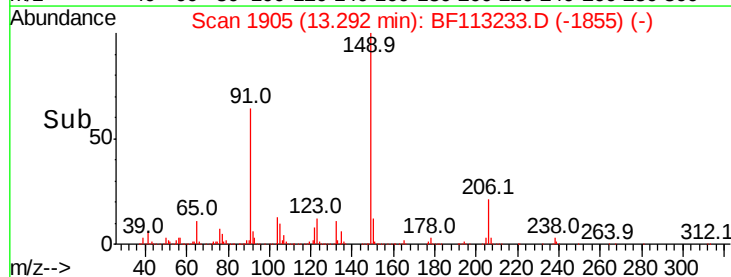
#80
 Butylbenzylphthalate
 Concen: 47.515 ng
 RT: 13.29 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BF113233.D
 Acq: 22 Mar 2019 14:31

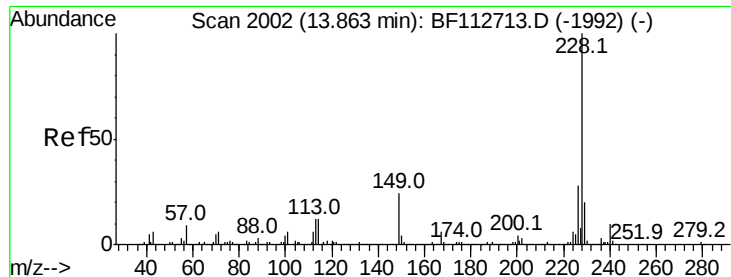
Tgt Ion:149 Resp: 751827

Ion	Ratio	Lower	Upper
149	100		
91	63.9	59.9	89.9
206	21.5	14.7	22.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.587 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

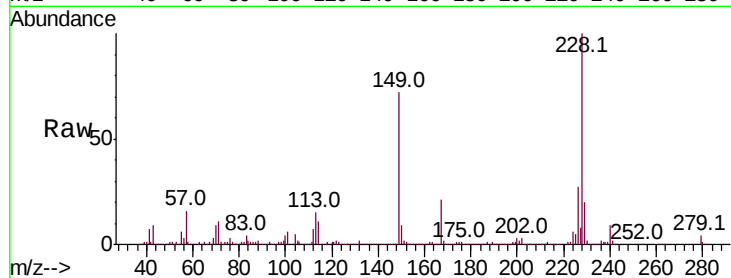
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 1078243

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.2	33.4
229	20.2	16.0	24.0

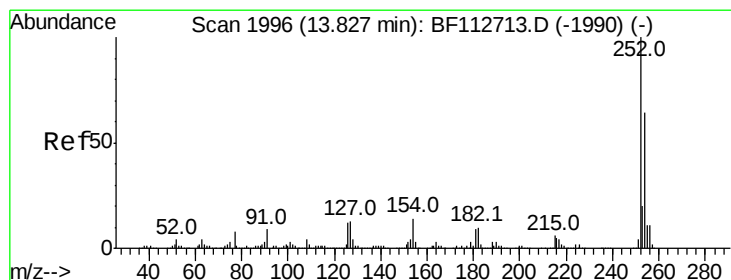
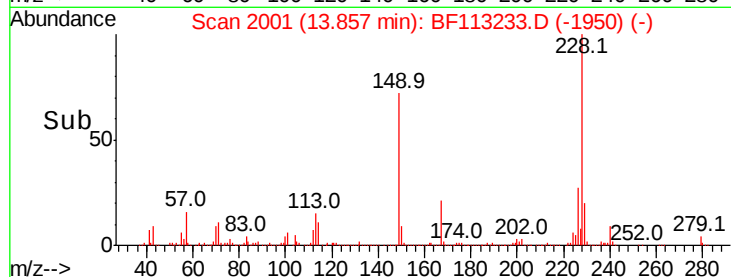
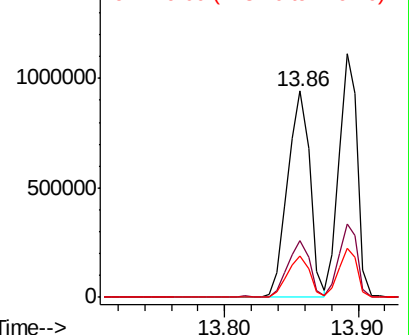


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 26.377 ng

RT: 13.82 min Scan# 1994

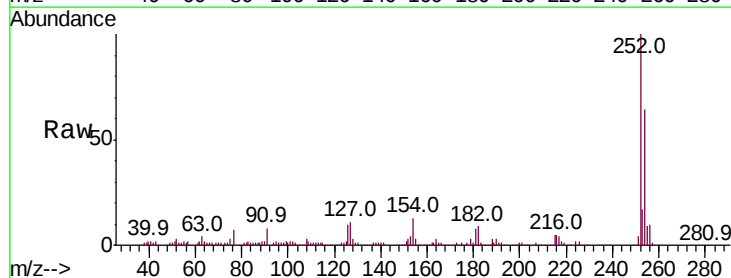
Delta R.T. -0.01 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Tgt Ion:252 Resp: 293990

Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.1	76.7
126	10.4	9.9	14.9

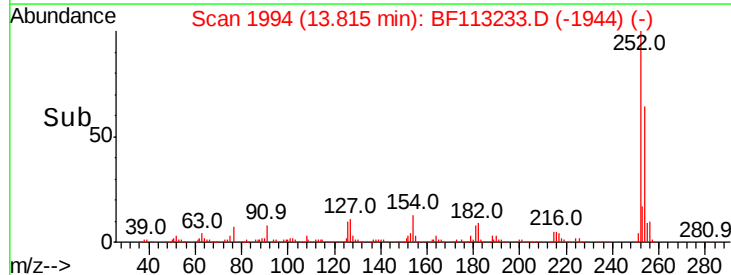
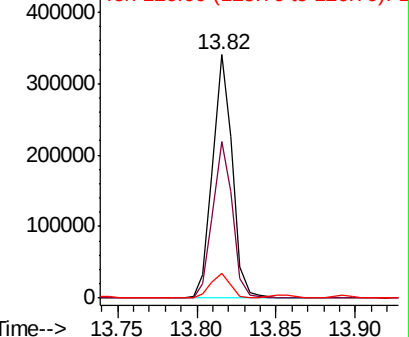


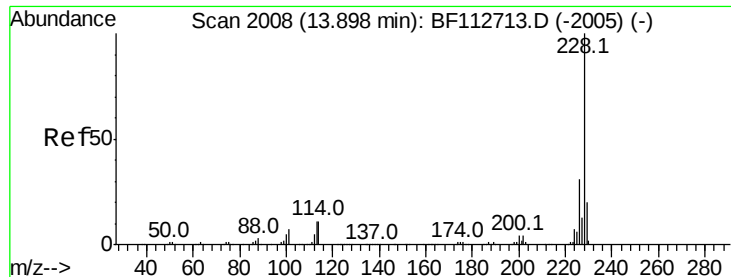
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 37.267 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Instrument :

BNA_F

ClientSampled :

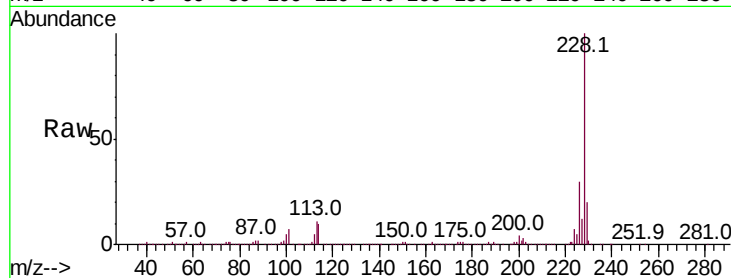
Tot Ion:228 Resp: 1075803

Ion Ratio Lower Upper

228 100

226 30.3 24.9 37.3

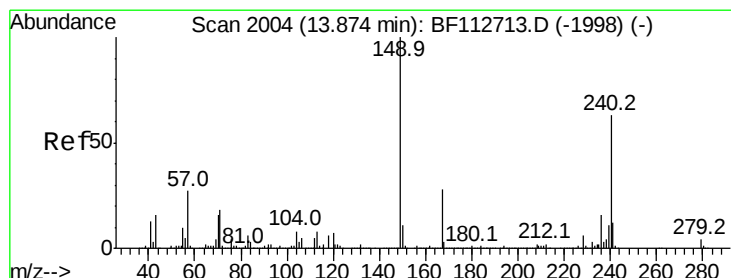
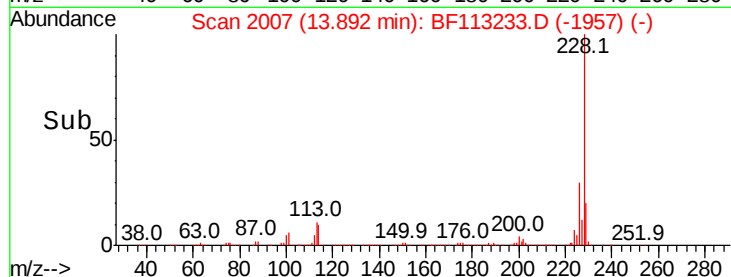
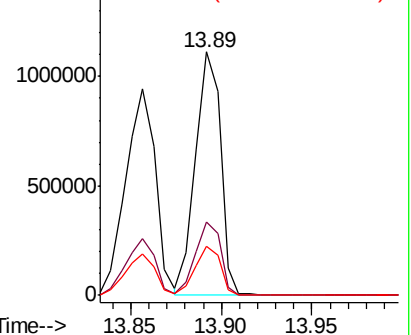
229 20.4 16.3 24.5



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: 49.500 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

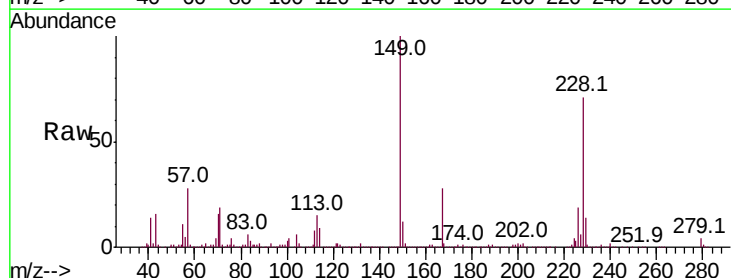
Tgt Ion:149 Resp: 918698

Ion Ratio Lower Upper

149 100

167 28.2 22.4 33.6

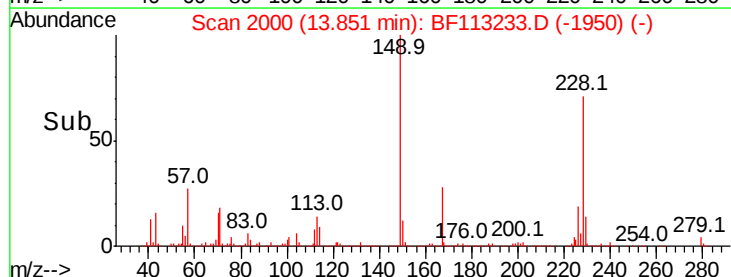
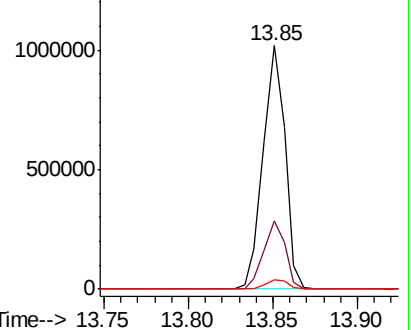
279 4.0 3.3 4.9

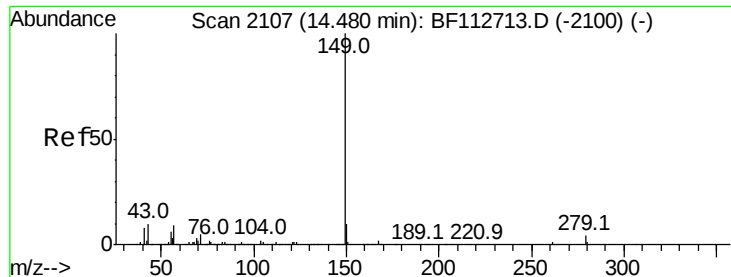


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 48.678 ng

RT: 14.46 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Instrument :

BNA_F

ClientSampleId :

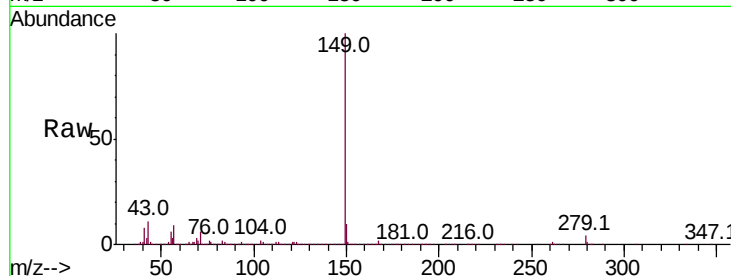
Tot Ion:149 Resp: 1551323

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

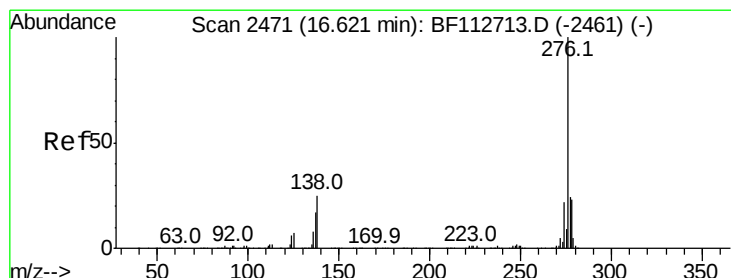
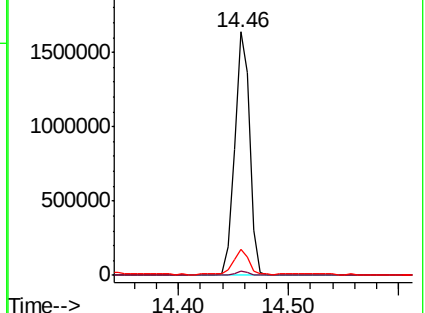
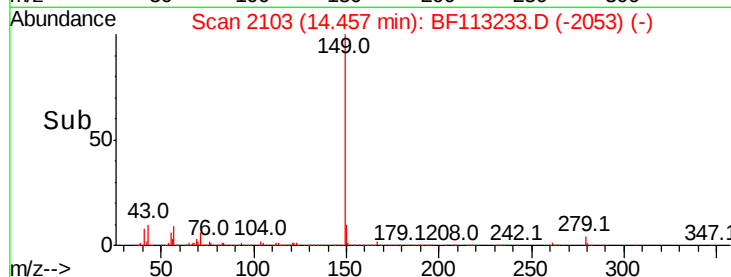
43 9.9 9.0 13.4



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: 48.616 ng

RT: 16.65 min Scan# 2476

Delta R.T. 0.01 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

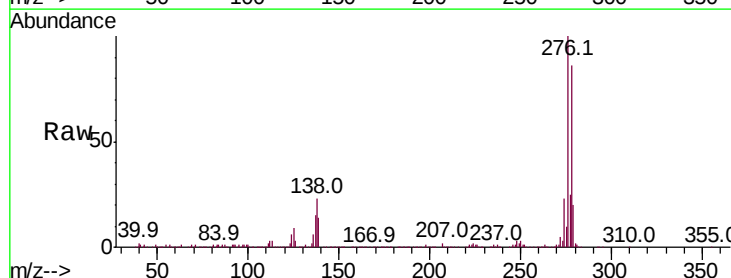
Tgt Ion:276 Resp: 1196455

Ion Ratio Lower Upper

276 100

138 23.3 23.2 34.8

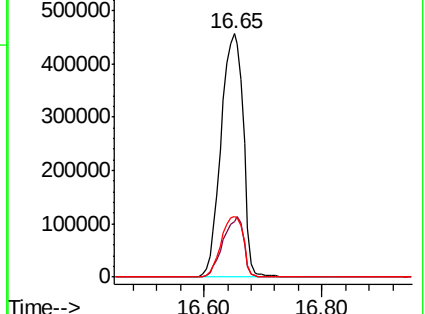
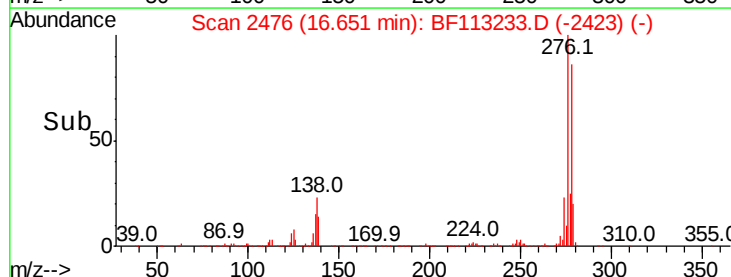
277 25.1 19.9 29.9

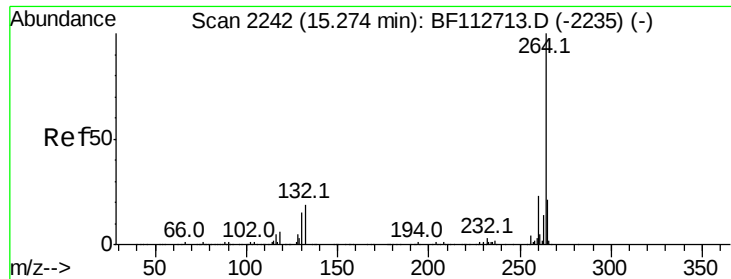


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



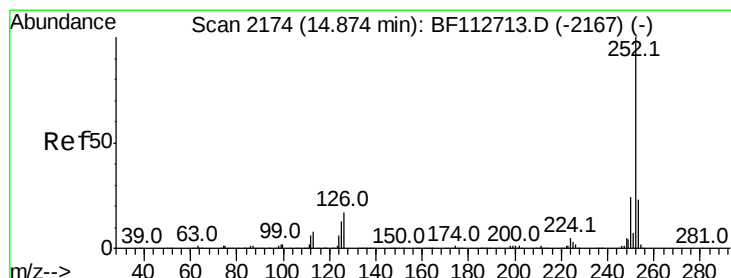
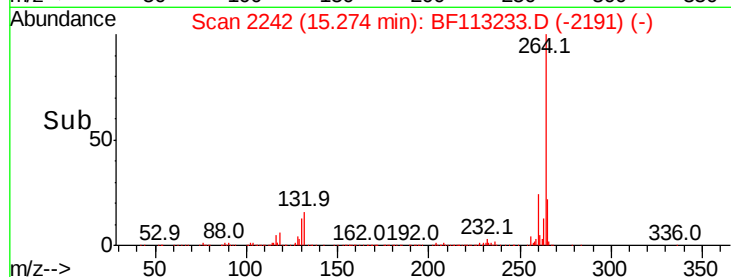
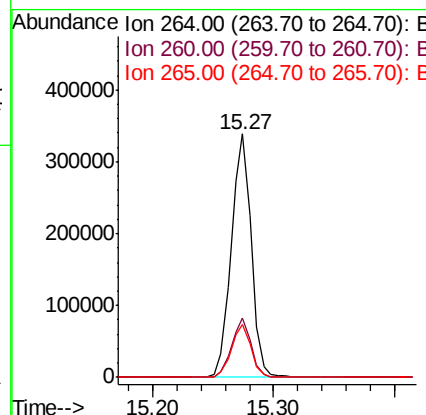
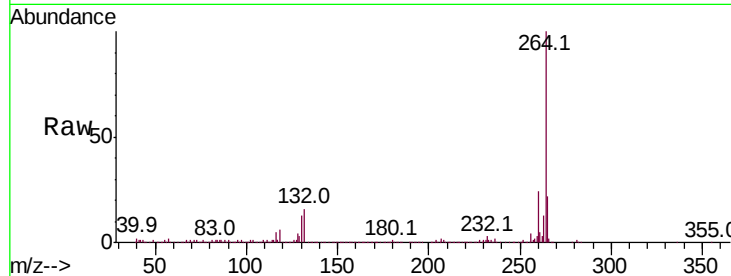


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 388631

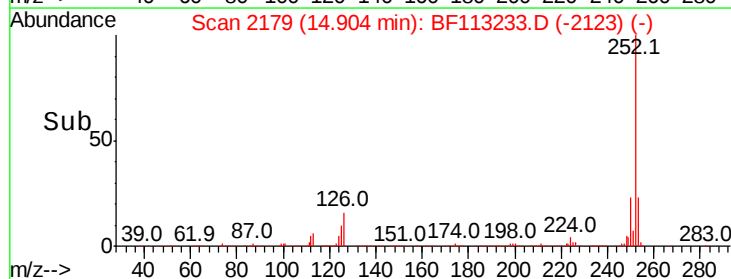
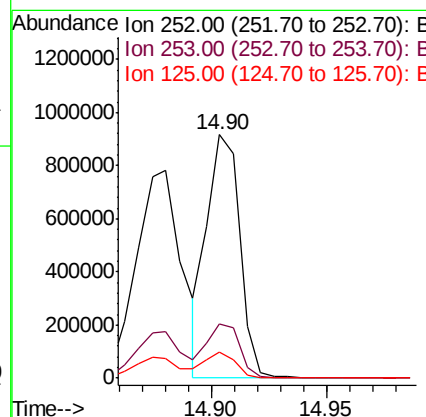
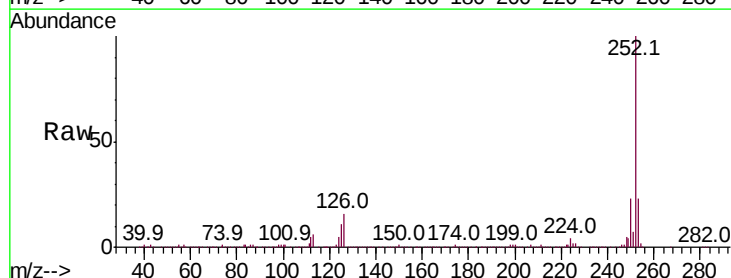
Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	21.8	17.2	25.8

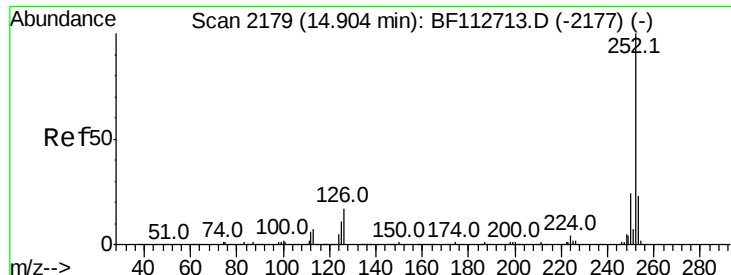


#88
Benzo(b)fluoranthene
Concen: 35.854 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.03 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Tgt Ion:252 Resp: 901299

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	10.5	10.2	15.2

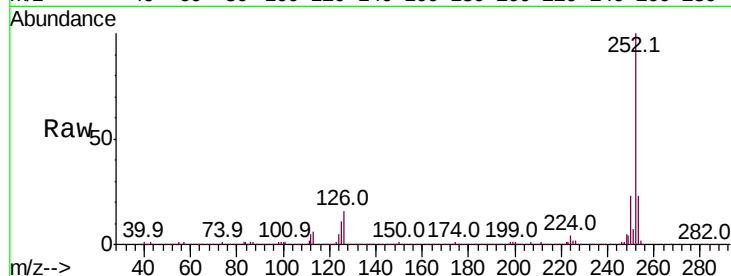




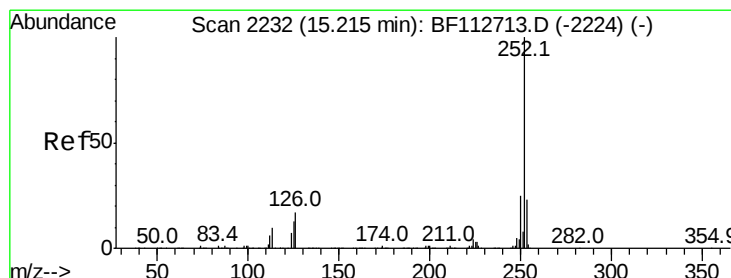
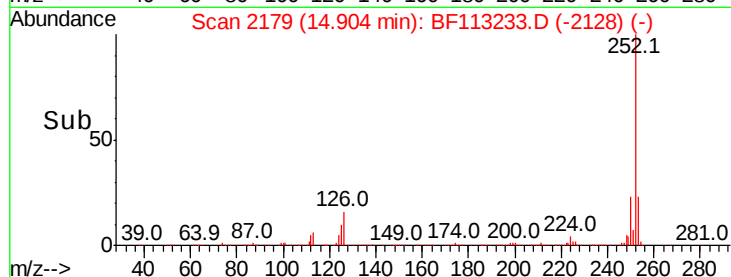
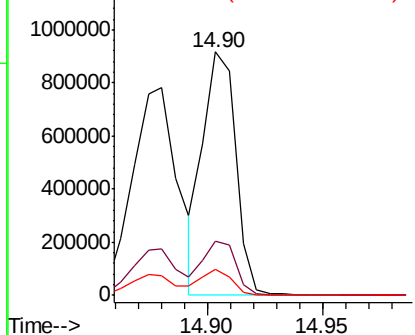
#89
Benzo(k)fluoranthene
Concen: 39.583 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 901299
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 10.5 9.8 14.6

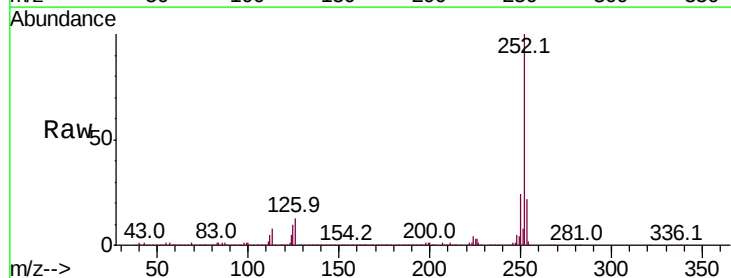


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

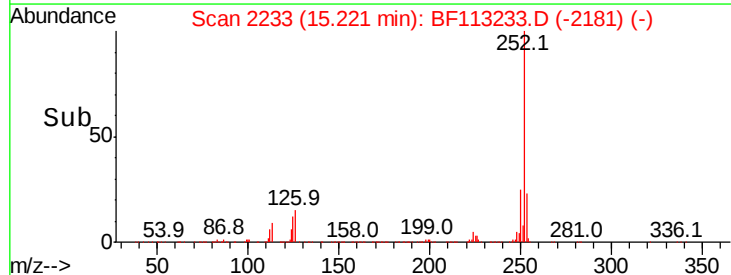
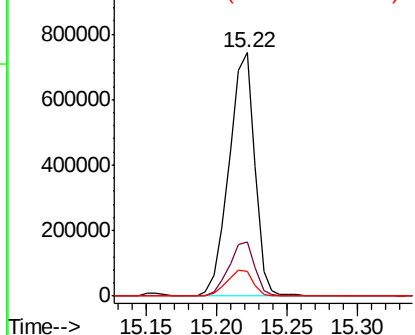


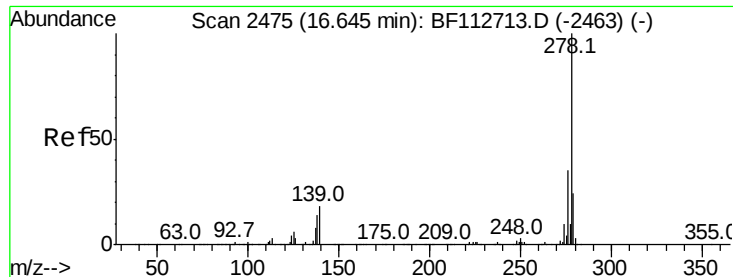
#90
Benzo(a)pyrene
Concen: 42.396 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF113233.D
Acq: 22 Mar 2019 14:31

Tgt Ion:252 Resp: 942671
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 10.3 10.7 16.1#



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





#91

Dibenzo(a,h)anthracene

Concen: 52.040 ng

RT: 16.66 min Scan# 2478

Delta R.T. 0.01 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

Instrument :

BNA_F

ClientSampleId :

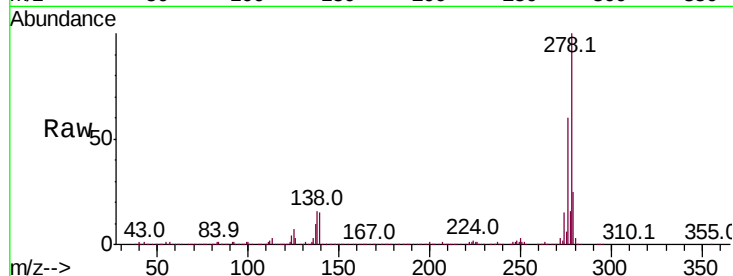
Tot Ion:278 Resp: 987377

Ion	Ratio	Lower	Upper
278	100		
139	14.9	14.3	21.5
279	24.5	19.4	29.0

278 100

139 14.9 14.3 21.5

279 24.5 19.4 29.0

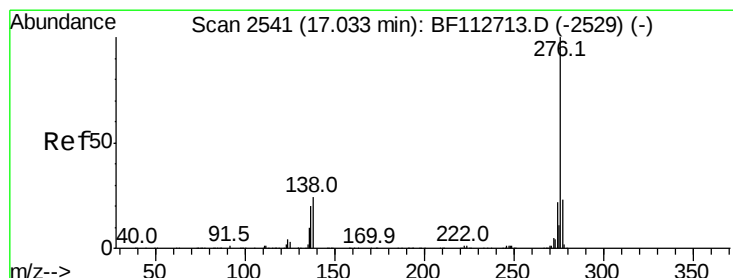
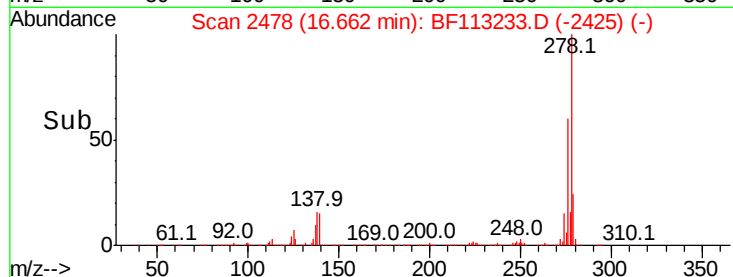
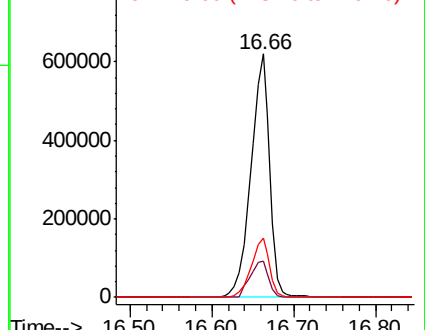


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 55.115 ng

RT: 17.06 min Scan# 2546

Delta R.T. 0.02 min

Lab File: BF113233.D

Acq: 22 Mar 2019 14:31

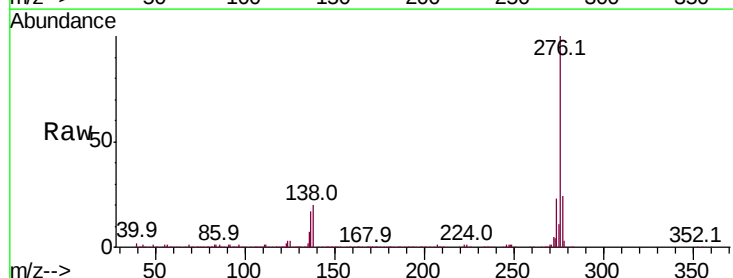
Tgt Ion:276 Resp: 1050032

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	27.8
138	20.0	19.4	29.0

276 100

277 23.9 18.6 27.8

138 20.0 19.4 29.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

