

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
 Data File : BF102743.D
 Acq On : 5 Feb 2018 17:38
 Operator : SJ/JU
 Sample : J1399-02MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 06 00:40:35 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	221497	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	902742	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	397583	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	611597	20.00	ng	0.00
75) Chrysene-d12	14.04	240	353385	20.00	ng	0.00
86) Perylene-d12	15.52	264	304199	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	1658194	113.69	ng	0.02
7) Phenol-d6	6.52	99	1832382	104.34	ng	0.01
23) Nitrobenzene-d5	7.45	82	1353796	104.03	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	429548	134.23	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	2242721	93.60	ng	0.00
78) Terphenyl-d14	12.99	244	1596889	107.00	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.88	88	253803	35.232	ng	# 71
3) Pyridine	3.59	79	368225	18.501	ng	# 85
4) n-Nitrosodimethylamine	3.53	42	377556	44.337	ng	96
6) Aniline	6.56	93	160119	6.174	ng	96
8) 2-Chlorophenol	6.67	128	631351	42.047	ng	93
9) Benzaldehyde	6.43	77	222242	17.041	ng	97
10) Phenol	6.53	94	668565	35.524	ng	96
11) bis(2-Chloroethyl)ether	6.62	93	687003	43.869	ng	92
12) 1,3-Dichlorobenzene	6.82	146	678971	39.048	ng	99
13) 1,4-Dichlorobenzene	6.90	146	683312	39.450	ng	99
14) 1,2-Dichlorobenzene	7.05	146	628911	38.983	ng	99
15) Benzyl Alcohol	7.02	79	313616	23.228	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1220664	41.032	ng	95
17) 2-Methylphenol	7.13	107	549391	39.666	ng	98
18) Hexachloroethane	7.39	117	236171	39.762	ng	92
19) n-Nitroso-di-n-propylamine	7.30	70	456591	39.434	ng	92
20) 3+4-Methylphenols	7.29	107	610262	35.730	ng	# 73
22) Acetophenone	7.29	105	895638	40.543	ng	# 94
24) Nitrobenzene	7.47	77	713817	46.635	ng	96
25) Isophorone	7.70	82	1332755	44.477	ng	100
26) 2-Nitrophenol	7.78	139	355020	54.927	ng	98
27) 2,4-Dimethylphenol	7.82	122	622719	49.189	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	620644	34.964	ng	99
29) 2,4-Dichlorophenol	8.02	162	558280	48.510	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	548916	42.162	ng	98
31) Naphthalene	8.19	128	1960729	44.455	ng	99
32) Benzoic acid	7.94	122	453730	49.940	ng	98
33) 4-Chloroaniline	8.23	127	56625	2.980	ng	96
34) Hexachlorobutadiene	8.30	225	278527	41.749	ng	99
35) Caprolactam	8.61	113	101561	25.411	ng	# 78
36) 4-Chloro-3-methylphenol	8.72	107	590704	45.682	ng	99
37) 2-Methylnaphthalene	8.88	142	1258004	43.564	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	476900	44.053	ng	99
40) Hexachlorocyclopentadiene	9.03	237	268485	52.171	ng	97

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
 Data File : BF102743.D
 Acq On : 5 Feb 2018 17:38
 Operator : SJ/JU
 Sample : J1399-02MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

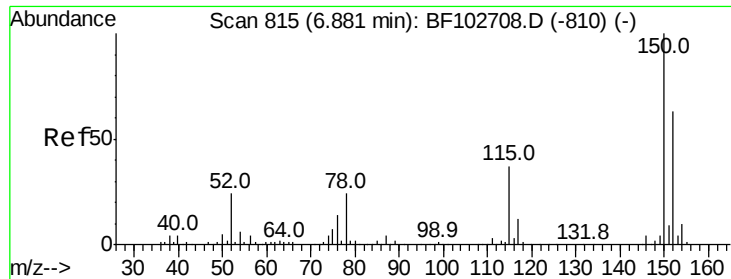
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 06 00:40:35 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.16	196	360351	50.679	nq	99
43) 2,4,5-Trichlorophenol	9.20	196	384653	47.997	nq	99
45) 1,1'-Biphenyl	9.35	154	1435632	42.871	nq	98
46) 2-Chloronaphthalene	9.37	162	1126864	42.743	nq	98
47) 2-Nitroaniline	9.46	65	362042	44.756	nq	91
48) Acenaphthylene	9.79	152	1621645	39.603	nq	99
49) Dimethylphthalate	9.65	163	1376687	44.409	nq	100
50) 2,6-Dinitrotoluene	9.70	165	300615	50.970	nq	# 91
51) Acenaphthene	9.96	154	1086354	44.363	nq	98
52) 3-Nitroaniline	9.87	138	96668	13.321	nq	98
53) 2,4-Dinitrophenol	9.98	184	167420	82.533	nq	# 22
54) Dibenzofuran	10.13	168	1502984	43.553	nq	99
55) 4-Nitrophenol	10.03	139	431650	72.763	nq	94
56) 2,4-Dinitrotoluene	10.11	165	388830	49.083	nq	97
57) Fluorene	10.47	166	1077933	42.931	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	277565	49.971	nq	99
59) Diethylphthalate	10.35	149	1309076	42.766	nq	99
60) 4-Chlorophenyl-phenylether	10.46	204	494133	44.488	nq	99
61) 4-Nitroaniline	10.49	138	158912	23.005	nq	91
62) Azobenzene	10.62	77	845912	27.663	nq	95
64) 4,6-Dinitro-2-methylphenol	10.52	198	115731	46.147	nq	82
65) n-Nitrosodiphenylamine	10.58	169	393587	18.245	nq	100
66) 4-Bromophenyl-phenylether	10.95	248	315344	48.743	nq	97
67) Hexachlorobenzene	11.02	284	318329	44.602	nq	# 88
68) Atrazine	11.10	200	22952	3.606	nq	98
69) Pentachlorophenol	11.21	266	349469	83.413	nq	98
70) Phenanthrene	11.43	178	1471520	43.201	nq	99
71) Anthracene	11.49	178	1495660	43.172	nq	100
72) Carbazole	11.63	167	498617	14.691	nq	99
73) Di-n-butylphthalate	11.97	149	1900163	46.088	nq	99
74) Fluoranthene	12.62	202	1290693	37.662	nq	99
77) Pyrene	12.85	202	1230780	44.415	nq	100
79) Butylbenzylphthalate	13.46	149	688447	51.854	nq	98
80) Benzo(a)anthracene	14.03	228	1012730	45.568	nq	99
81) 3,3'-Dichlorobenzidine	13.99	252	28522	3.461	nq	99
82) Chrysene	14.07	228	981468	43.809	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	920547	54.228	nq	99
84) Di-n-octyl phthalate	14.63	149	1523663	59.777	nq	98
85) Indeno(1,2,3-cd)pyrene	17.02	276	865547	46.582	nq	98
87) Benzo(b)fluoranthene	15.09	252	1016265	51.529	nq	98
88) Benzo(k)fluoranthene	15.12	252	954052	50.628	nq	100
89) Benzo(a)pyrene	15.46	252	901361	50.774	nq	98
90) Dibenzo(a,h)anthracene	17.04	278	753597	52.300	nq	99
91) Benzo(g,h,i)perylene	17.47	276	690678	48.972	nq	97

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

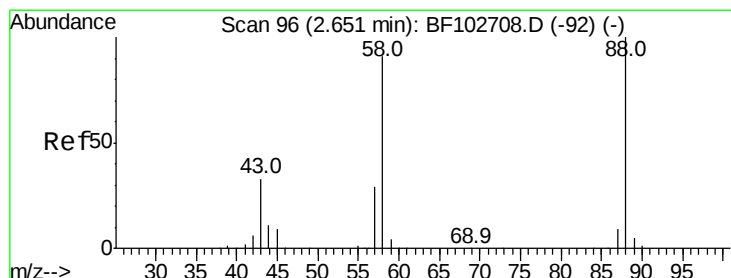
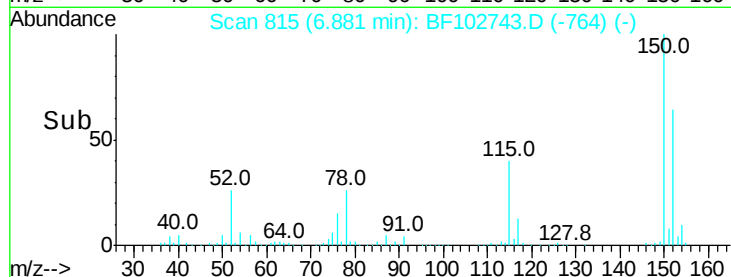
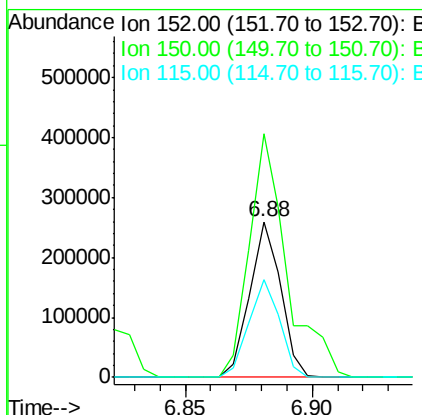
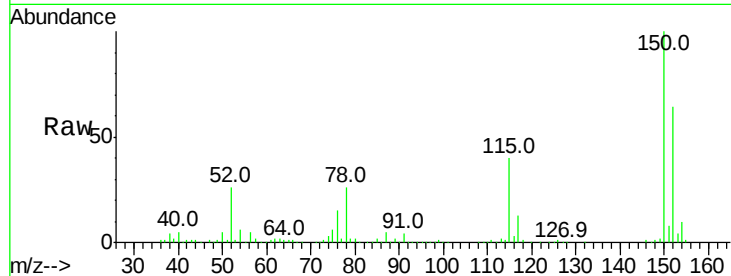


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Instrument :
BNA_F
ClientSampleId :

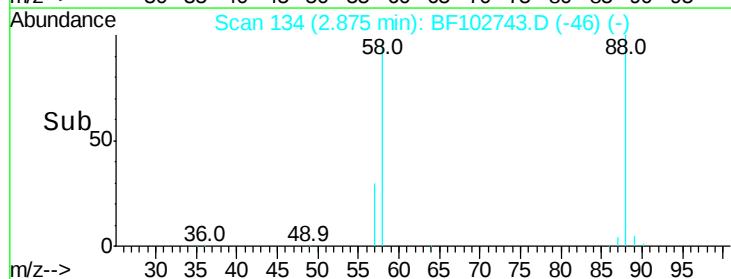
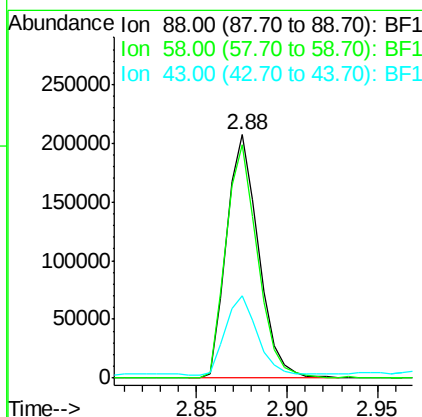
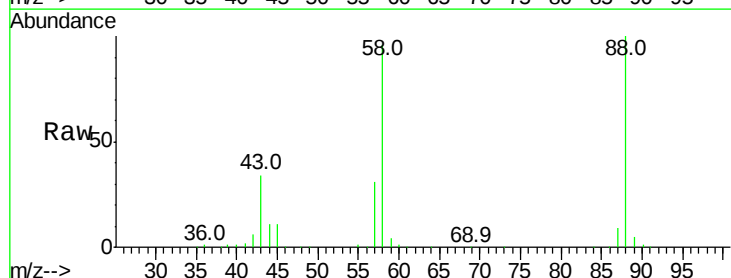
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	62.9	50.1	75.1

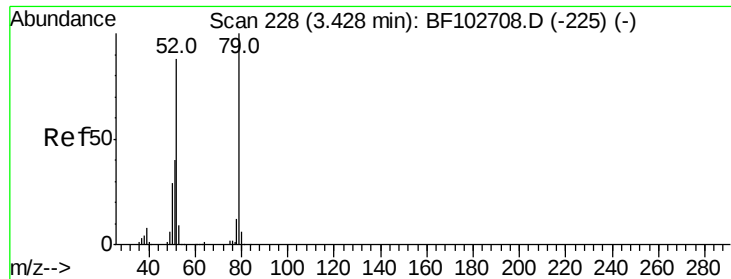


#2

1,4-Dioxane
Concen: 35.232 ng
RT: 2.88 min Scan# 134
Delta R.T. 0.22 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.5	62.6	93.8#
43	0.0	24.6	37.0#





#3

Pvridine

Concen: 18.501 ng

RT: 3.59 min Scan# 255

Delta R.T. 0.15 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Instrument :

BNA_F

ClientSampleId :

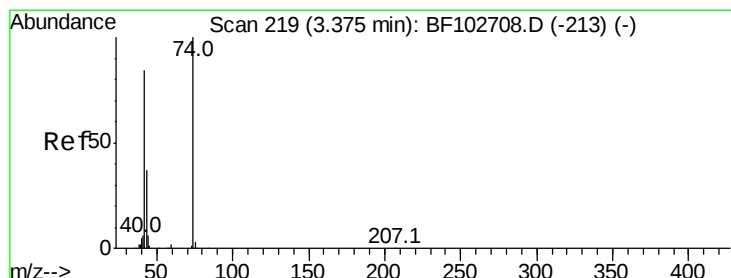
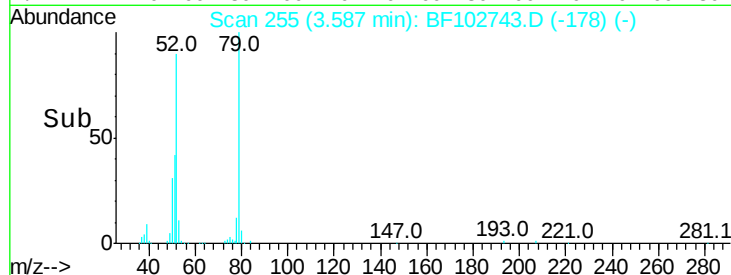
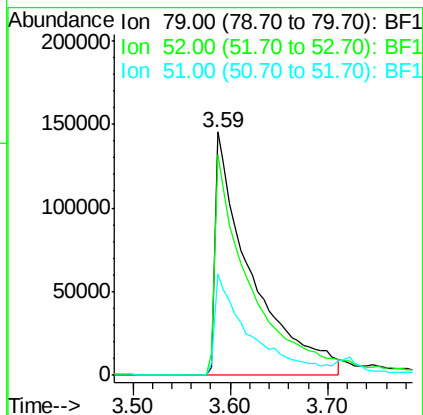
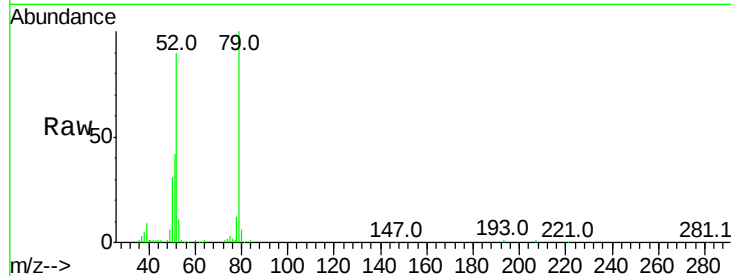
Tot Ion: 79 Resp: 368225

Ion Ratio Lower Upper

79 100

52 90.4 59.8 89.6#

51 41.7 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 44.337 ng

RT: 3.53 min Scan# 245

Delta R.T. 0.14 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

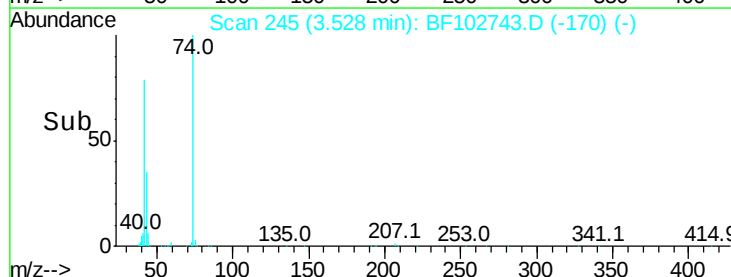
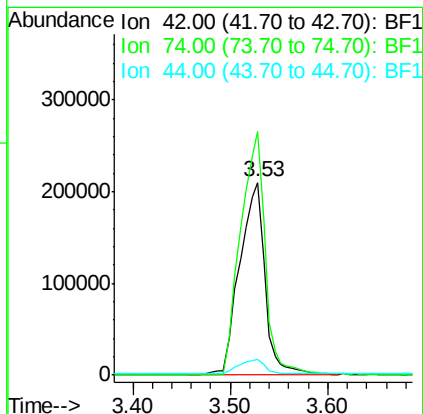
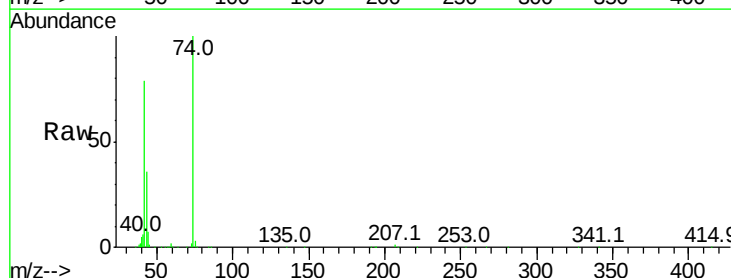
Tgt Ion: 42 Resp: 377556

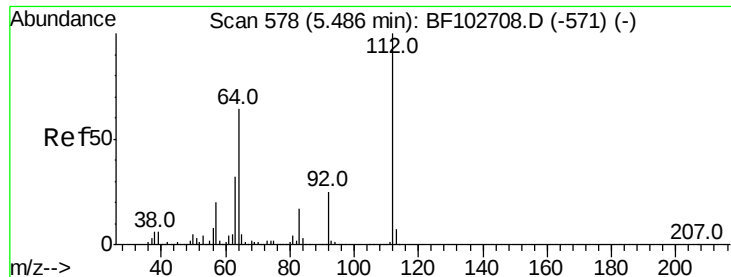
Ion Ratio Lower Upper

42 100

74 126.3 104.9 157.3

44 8.5 6.9 10.3





#5

2-Fluorophenol

Concen: 113.692 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.02 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Instrument :

BNA_F

ClientSampleId :

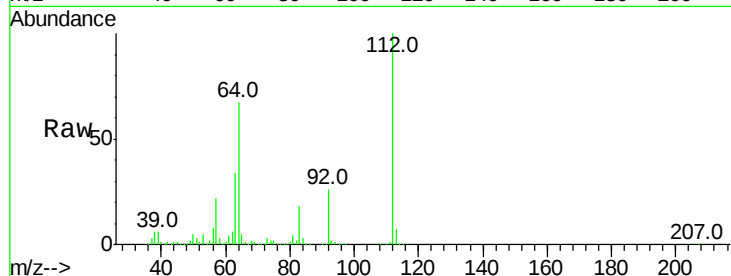
Tot Ion:112 Resp: 1658194

Ion Ratio Lower Upper

112 100

64 67.3 47.9 71.9

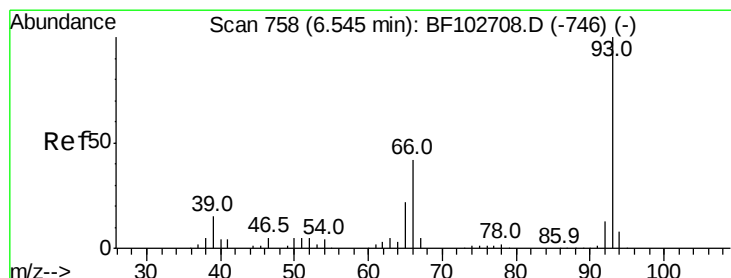
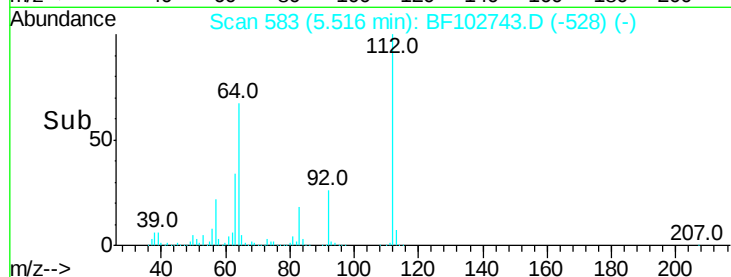
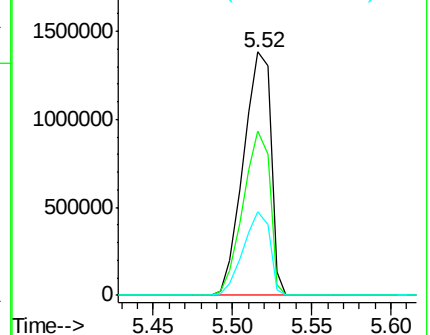
63 34.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 6.174 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

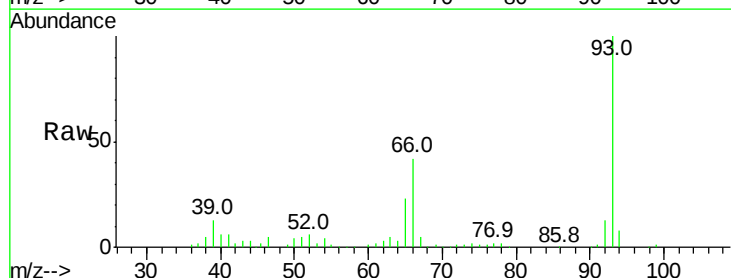
Tgt Ion: 93 Resp: 160119

Ion Ratio Lower Upper

93 100

66 42.5 32.2 48.2

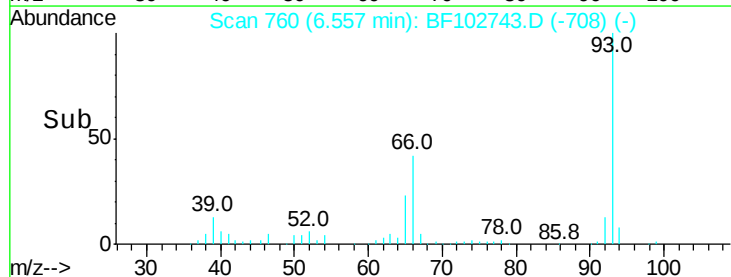
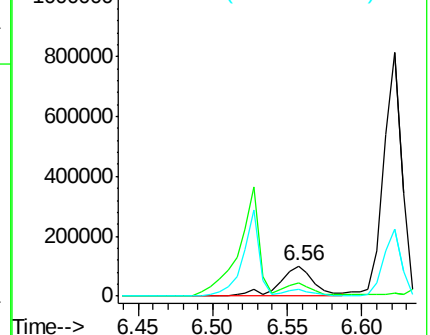
65 22.5 16.4 24.6

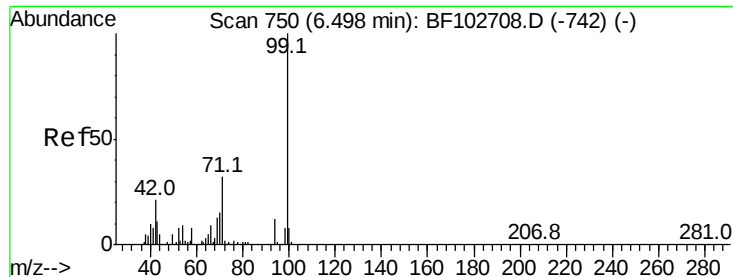


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 104.342 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Instrument :

BNA_F

ClientSampleId :

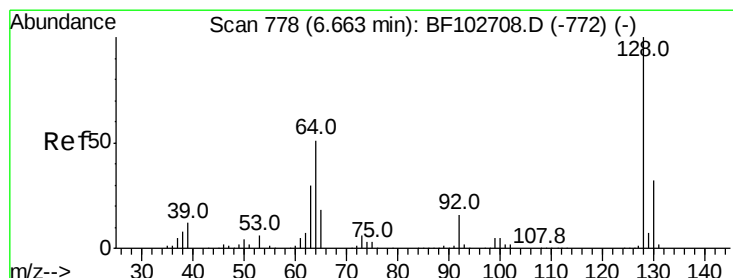
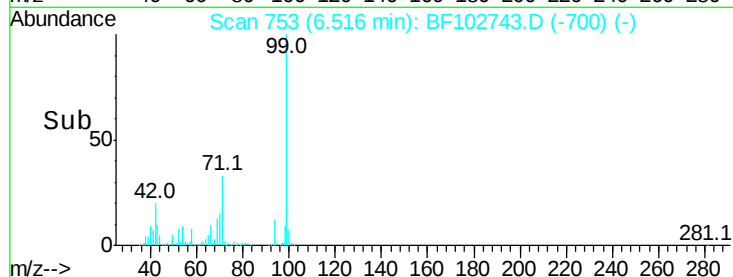
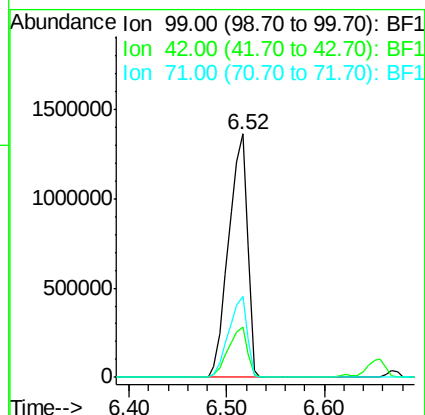
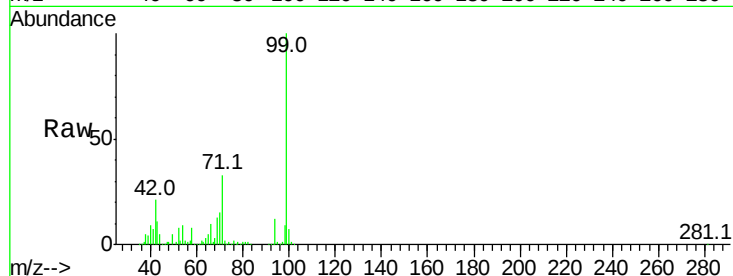
Tot Ion: 99 Resp: 1832382

Ion Ratio Lower Upper

99 100

42 20.5 14.5 21.7

71 33.1 25.4 38.0



#8

2-Chlorophenol

Concen: 42.047 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

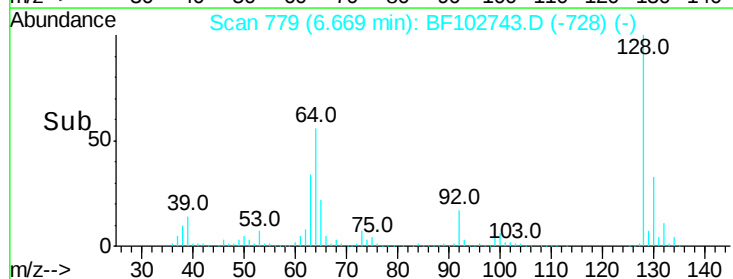
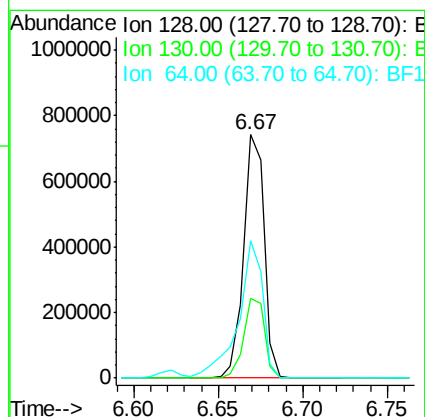
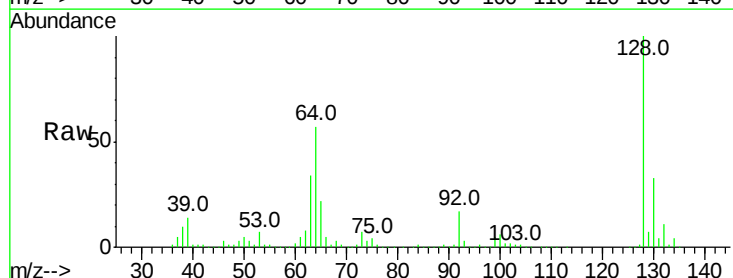
Tgt Ion: 128 Resp: 631351

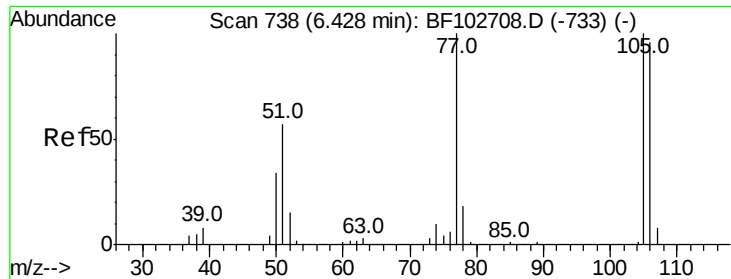
Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

64 56.5 29.4 69.4





#9

Benzaldehyde

Concen: 17.041 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Instrument :

BNA_F

ClientSampleId :

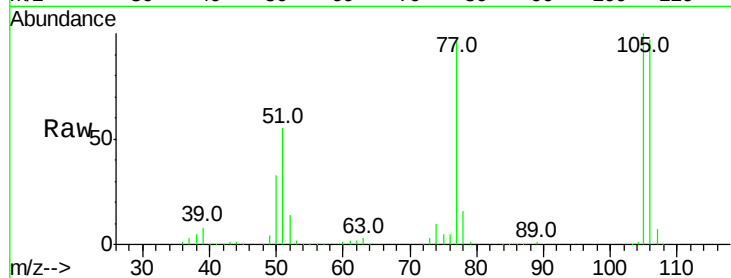
Tot Ion: 77 Resp: 222242

Ion Ratio Lower Upper

77 100

105 102.9 81.1 121.1

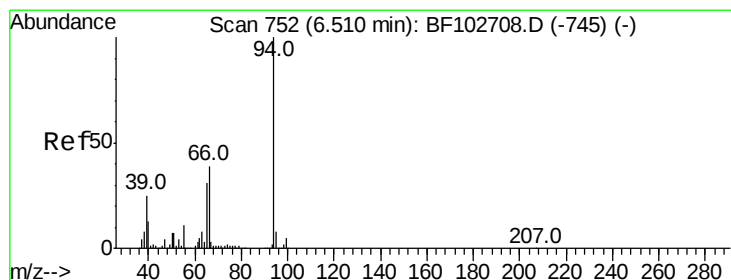
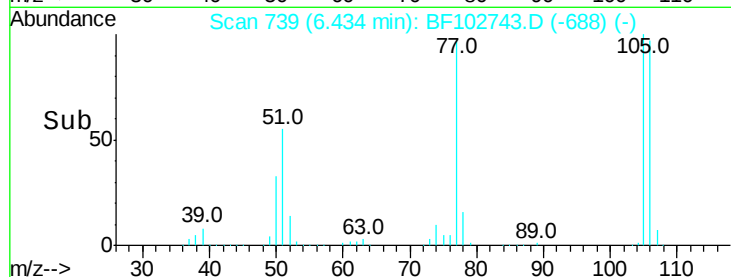
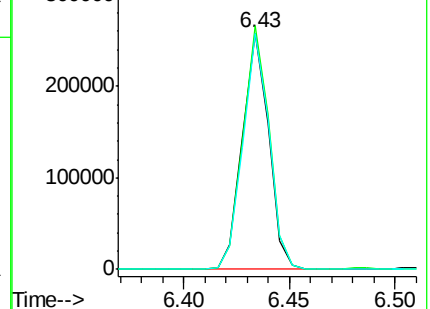
106 99.6 74.5 114.5



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: 35.524 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

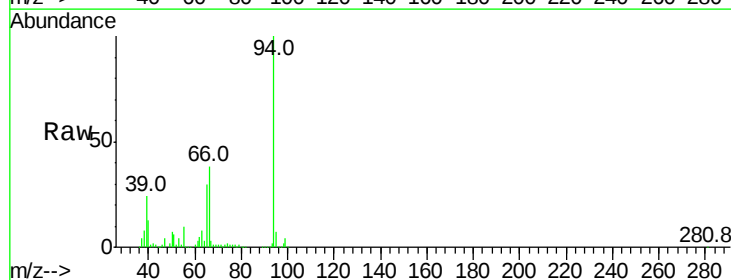
Tgt Ion: 94 Resp: 668565

Ion Ratio Lower Upper

94 100

65 30.3 7.9 47.9

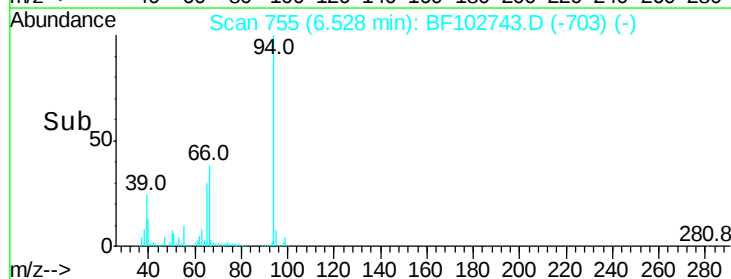
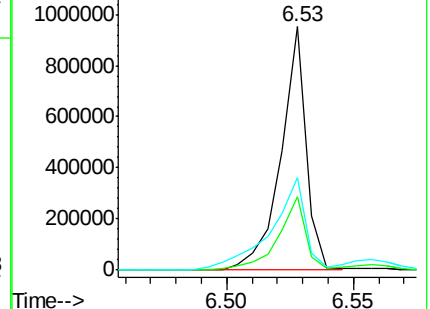
66 38.2 16.2 56.2

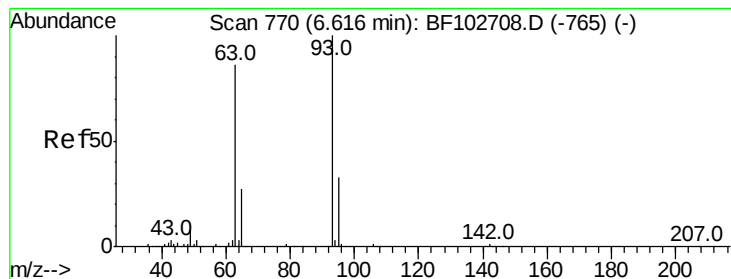


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

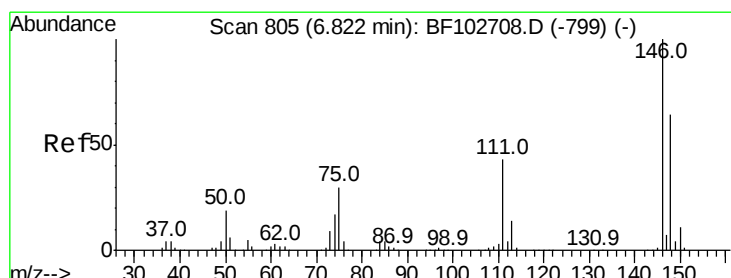
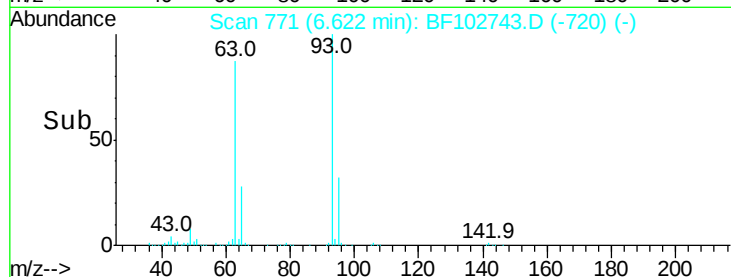
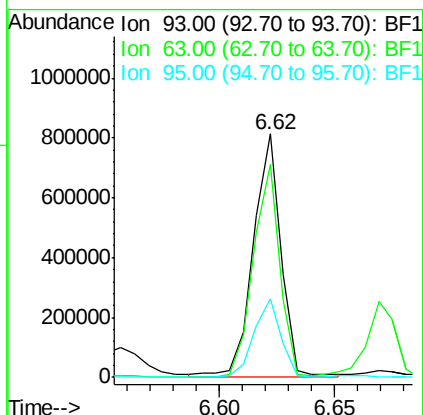
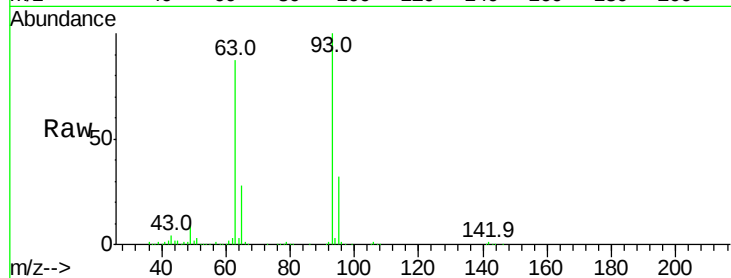




#11
bis(2-Chloroethyl)ether
Concen: 43.869 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

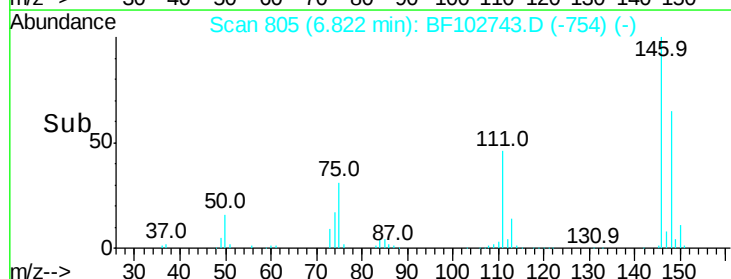
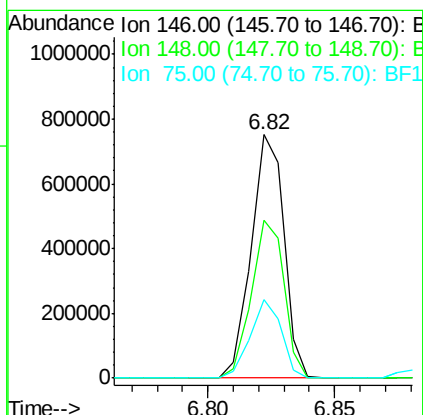
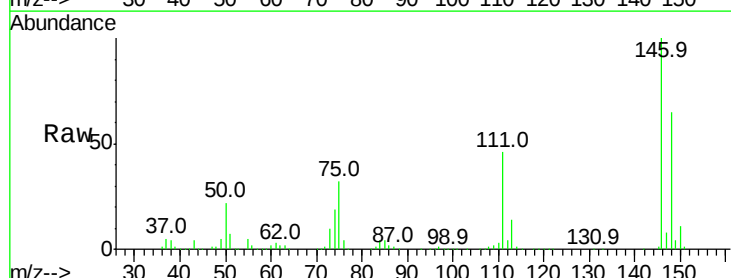
Instrument :
BNA_F
ClientSampleId :

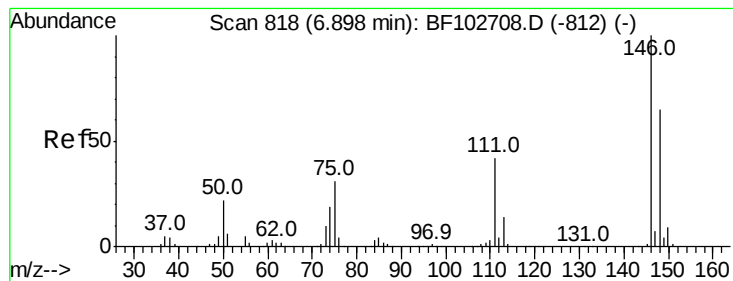
Tot Ion: 93 Resp: 687003
Ion Ratio Lower Upper
93 100
63 87.5 58.6 98.6
95 32.5 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 39.048 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Tgt Ion: 146 Resp: 678971
Ion Ratio Lower Upper
146 100
148 64.8 51.8 77.8
75 32.1 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 39.450 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Instrument :

BNA_F

ClientSampleId :

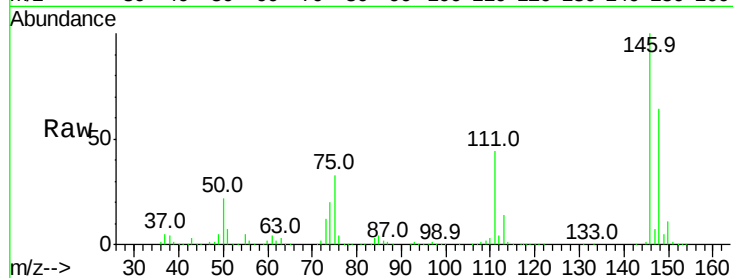
Tot Ion:146 Resp: 683312

Ion Ratio Lower Upper

146 100

148 64.1 50.8 76.2

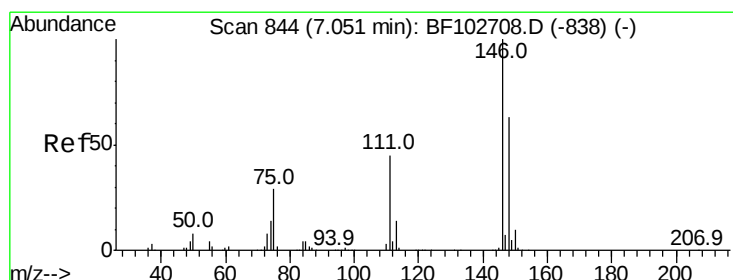
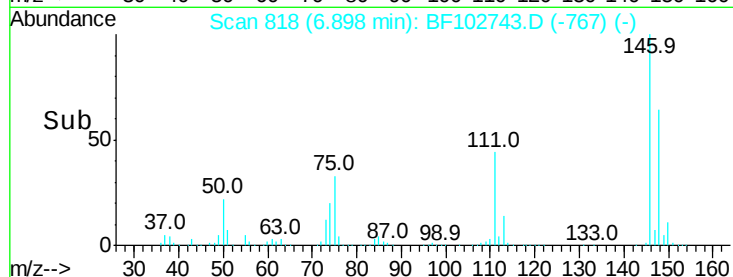
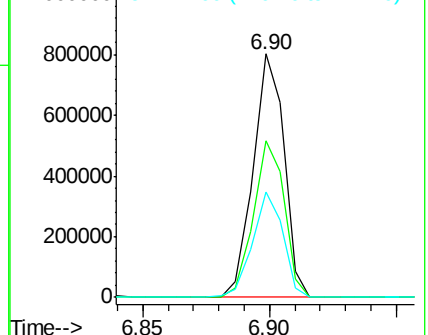
111 43.5 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.983 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

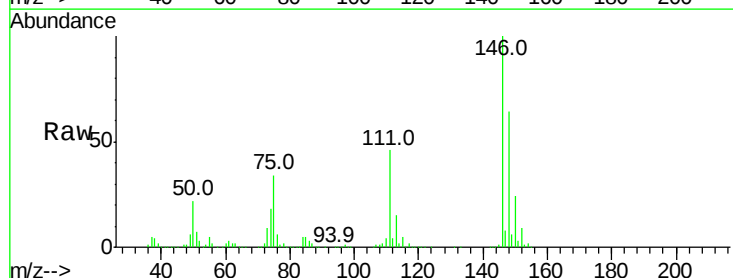
Tgt Ion:146 Resp: 628911

Ion Ratio Lower Upper

146 100

148 63.7 50.6 75.8

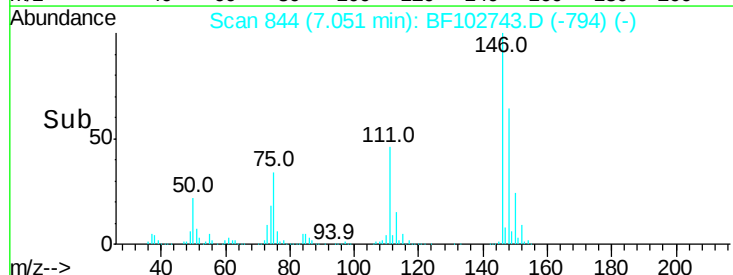
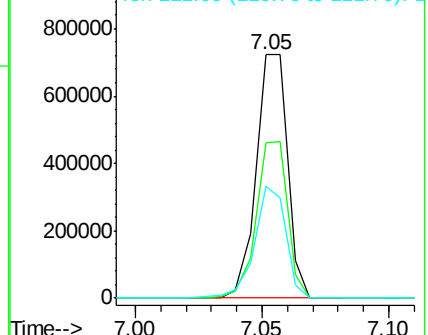
111 45.7 36.0 54.0

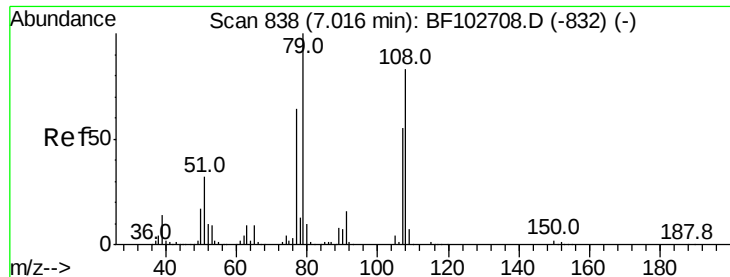


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 23.228 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Instrument :

BNA_F

ClientSampleId :

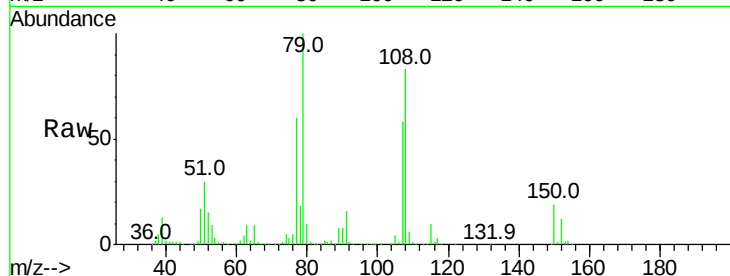
Tot Ion: 79 Resp: 313616

Ion Ratio Lower Upper

79 100

108 83.1 65.1 97.7

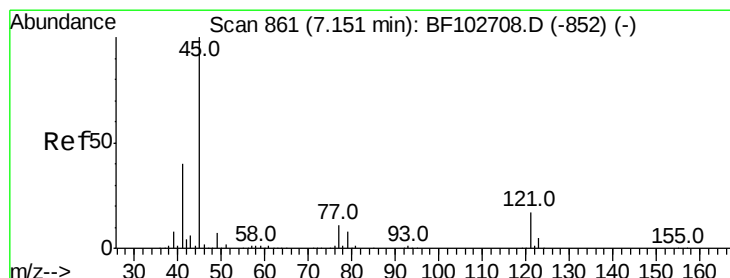
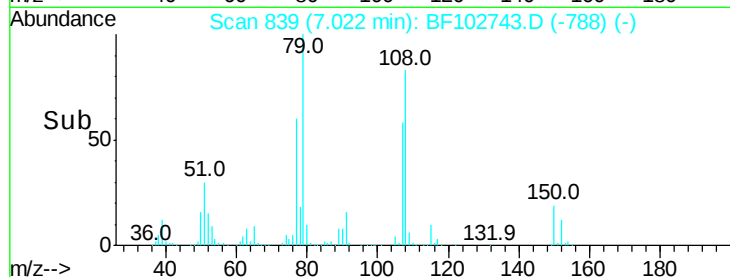
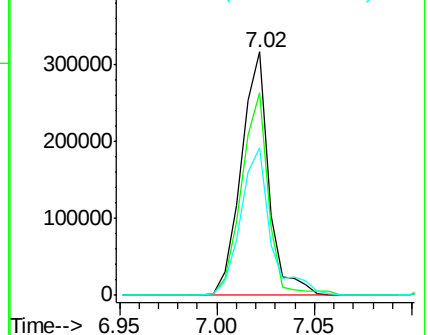
77 60.5 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.032 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

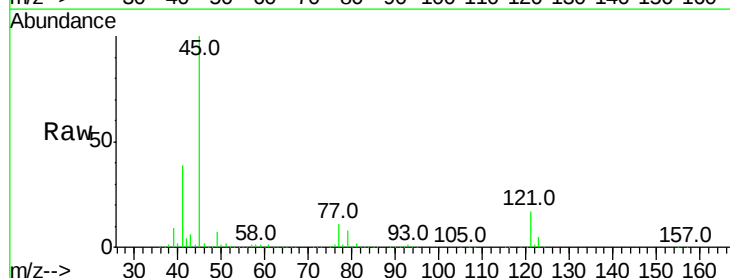
Tgt Ion: 45 Resp: 1220664

Ion Ratio Lower Upper

45 100

77 10.9 0.0 32.9

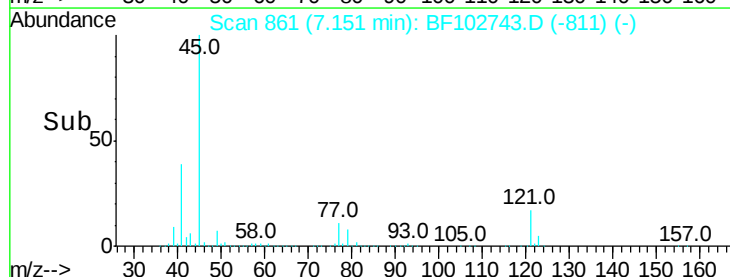
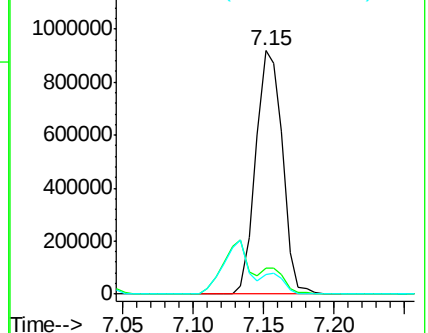
79 8.1 0.0 29.6

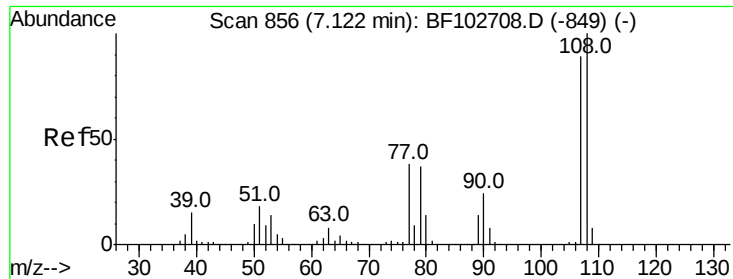


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

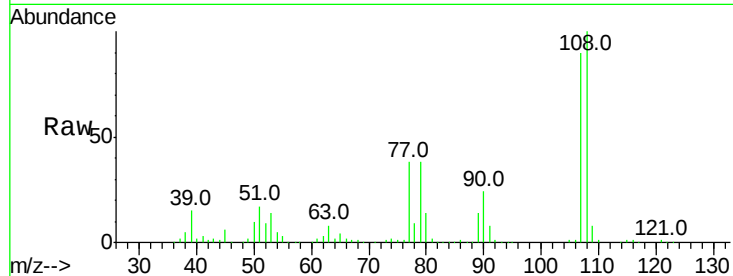




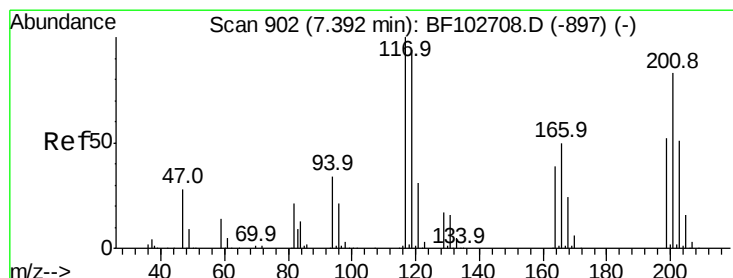
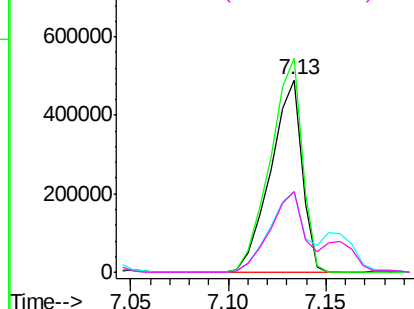
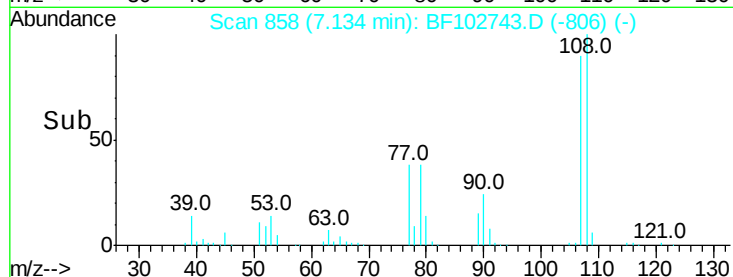
#17
2-Methylphenol
Concen: 39.666 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 549391
Ion Ratio Lower Upper
107 100
108 111.2 91.7 137.5
77 41.8 33.8 50.8
79 42.2 33.8 50.8

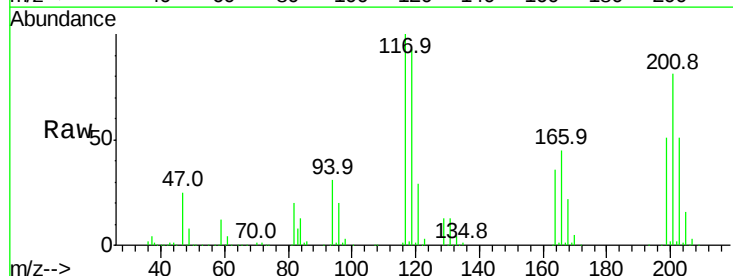


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

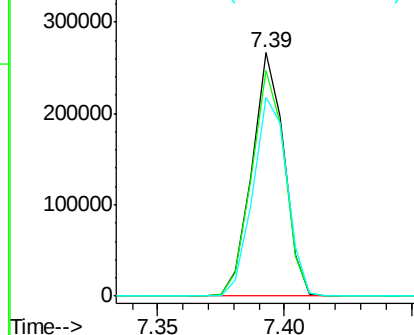
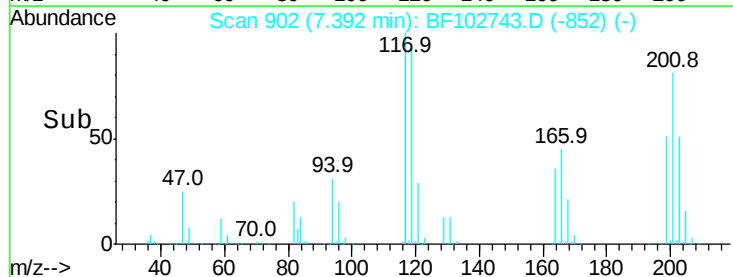


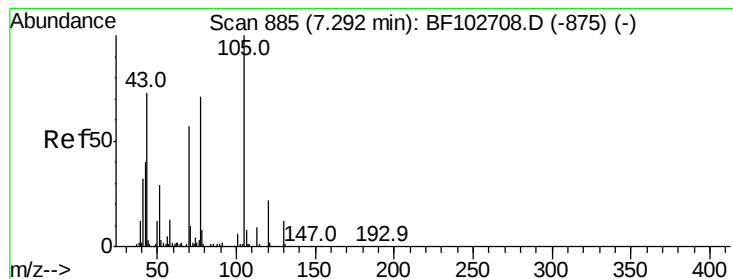
#18
Hexachloroethane
Concen: 39.762 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Tgt Ion:117 Resp: 236171
Ion Ratio Lower Upper
117 100
119 92.8 75.8 113.8
201 81.4 75.7 113.5



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: 39.434 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 456591

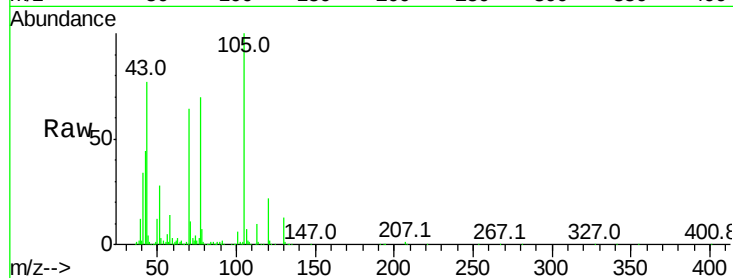
Ion Ratio Lower Upper

70 100

42 67.9 47.5 71.3

101 9.3 7.4 11.2

130 20.7 16.6 25.0

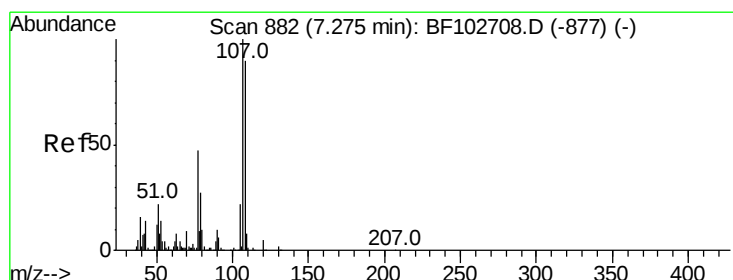
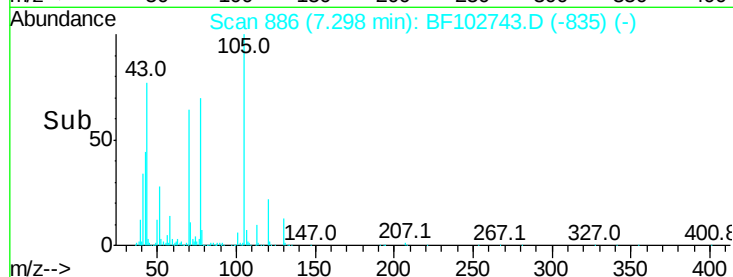
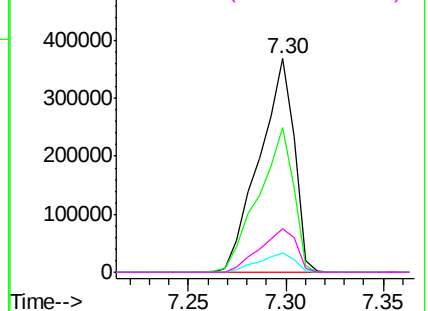


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 35.730 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Tgt Ion: 107 Resp: 610262

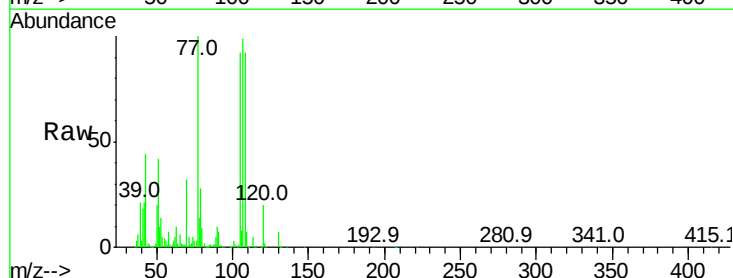
Ion Ratio Lower Upper

107 100

108 92.3 68.2 108.2

77 100.8 26.7 66.7#

79 28.6 6.3 46.3

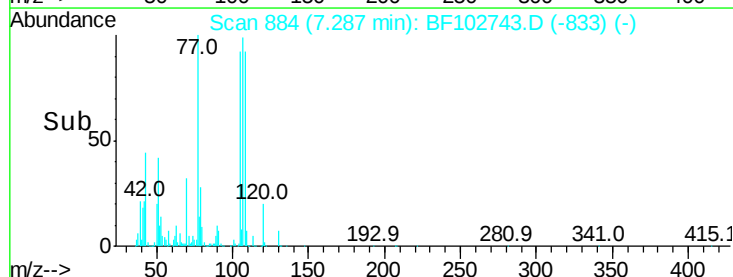
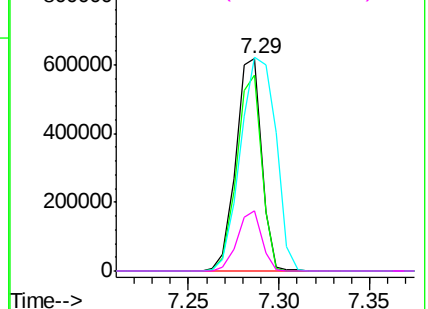


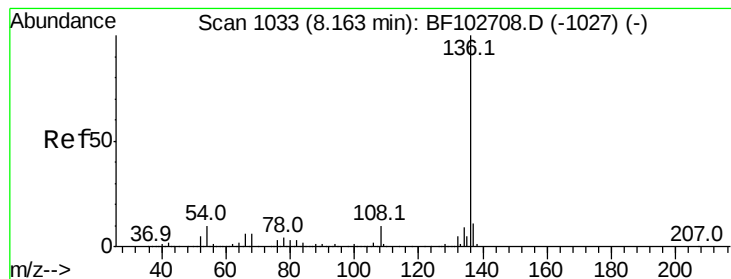
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Instrument :

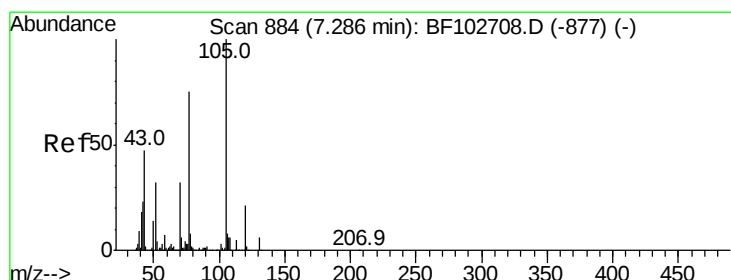
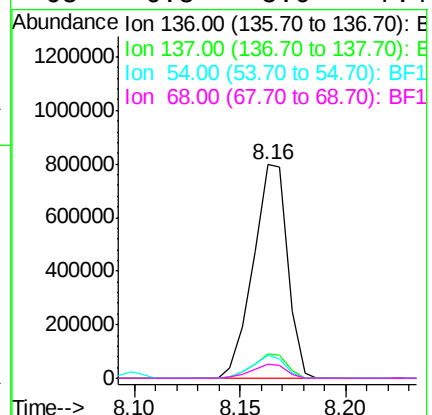
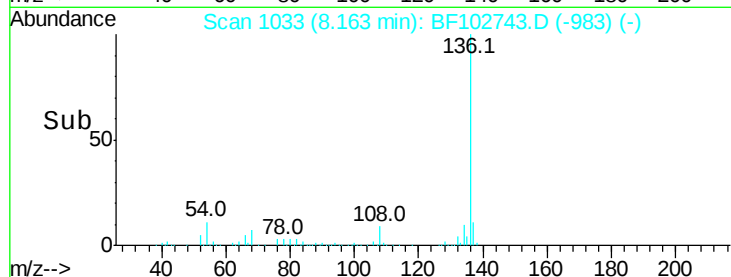
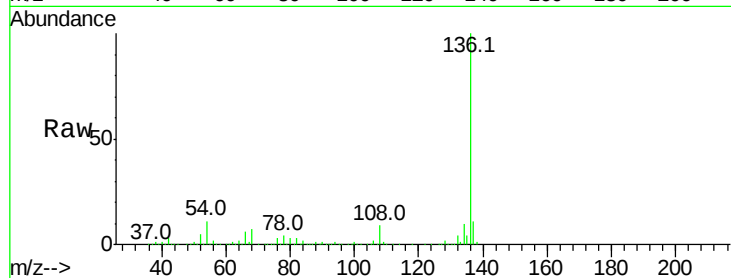
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 902742

Ion Ratio Lower Upper

136	100		
137	11.3	8.9	13.3
54	10.6	6.6	9.8#
68	6.8	5.0	7.4



#22

Acetophenone

Concen: 40.543 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

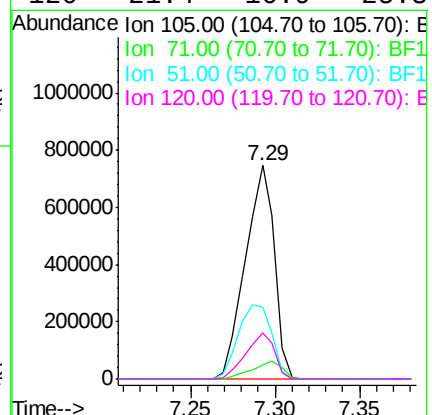
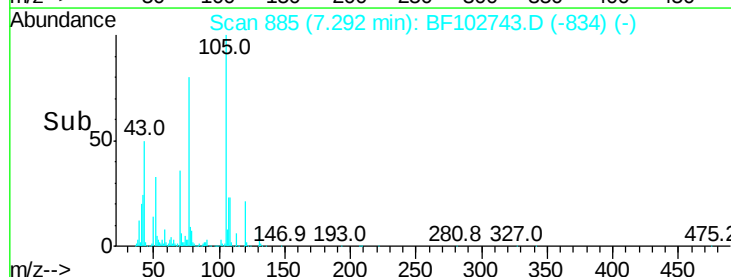
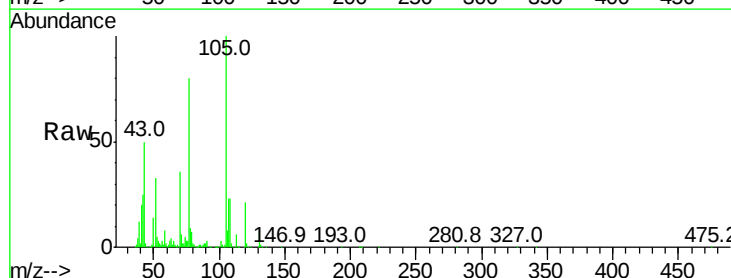
Lab File: BF102743.D

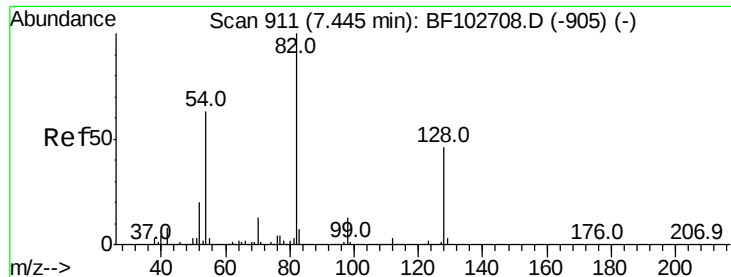
Acq: 5 Feb 2018 17:38

Tgt Ion:105 Resp: 895638

Ion Ratio Lower Upper

105	100		
71	6.5	4.4	6.6
51	33.5	22.3	33.5#
120	21.4	16.9	25.3

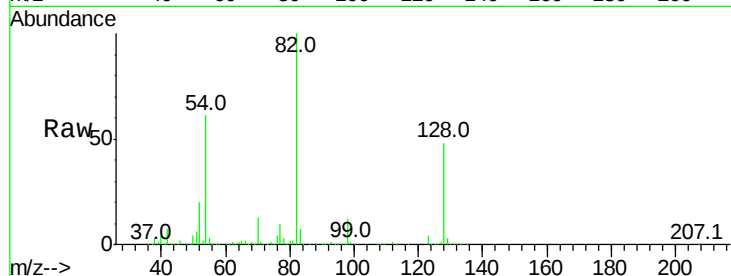




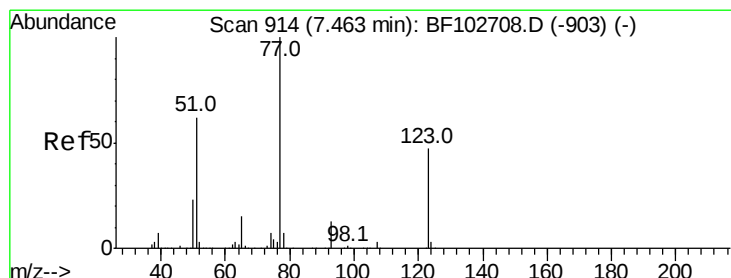
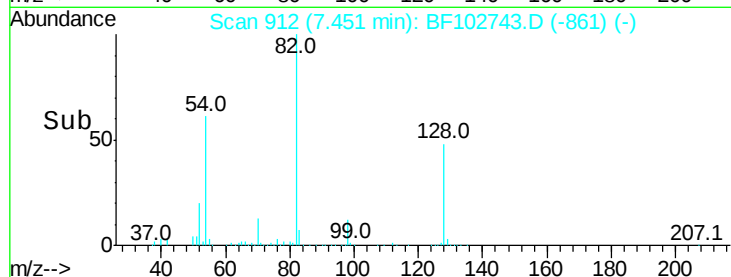
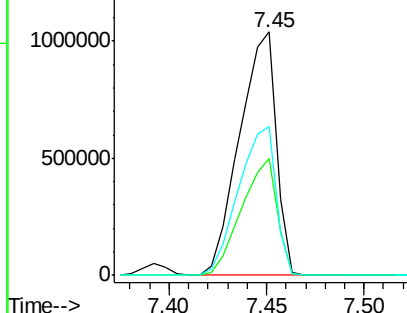
#23
Nitrobenzene-d5
Concen: 104.032 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.00 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 1353796
Ion Ratio Lower Upper
82 100
128 48.0 36.1 54.1
54 60.9 41.4 62.2

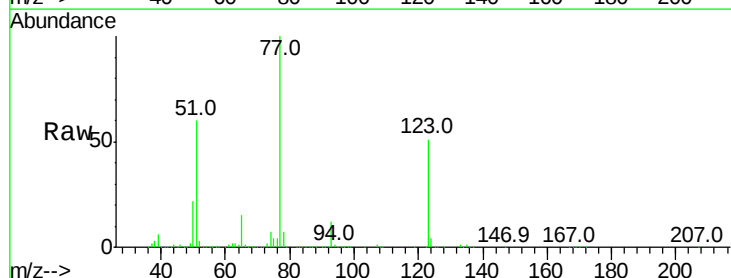


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF1

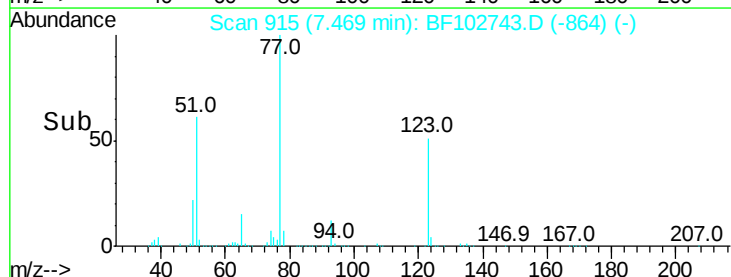
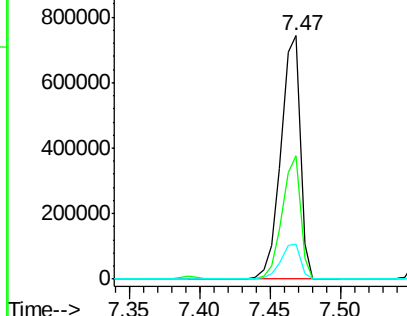


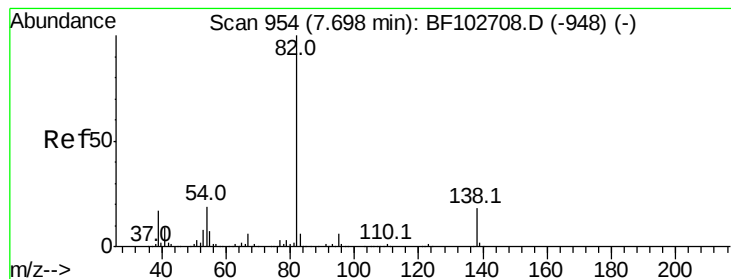
#24
Nitrobenzene
Concen: 46.635 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.00 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Tgt Ion: 77 Resp: 713817
Ion Ratio Lower Upper
77 100
123 50.6 37.9 56.9
65 14.6 11.0 16.4



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





#25

Isophorone

Concen: 44.477 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Instrument :

BNA_F

ClientSampleId :

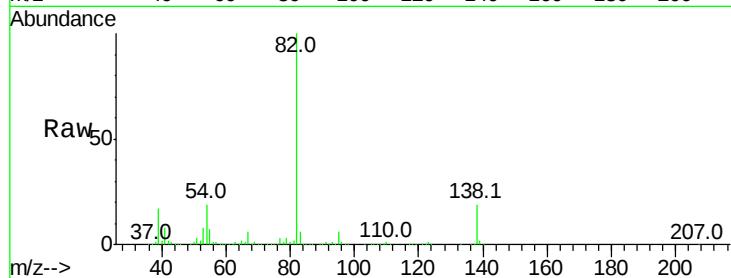
Tot Ion: 82 Resp: 1332755

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

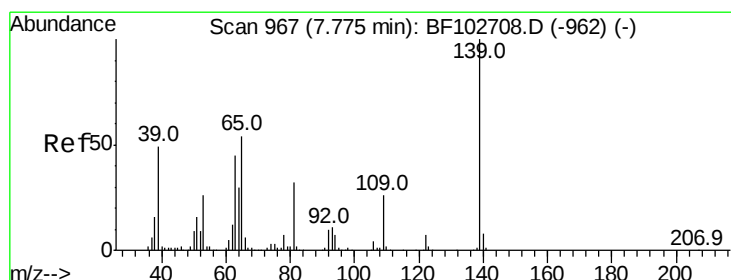
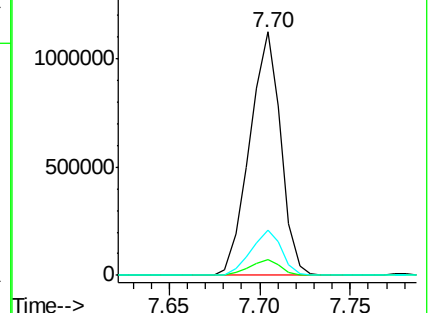
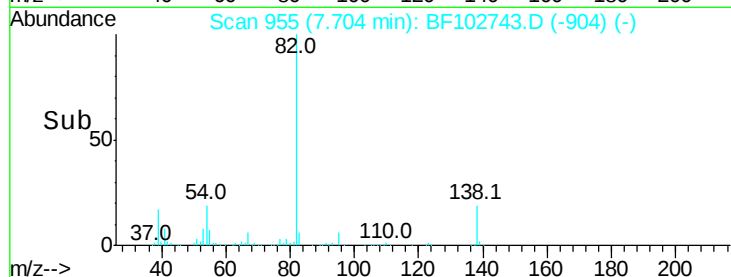
138 18.5 14.9 22.3



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: 54.927 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

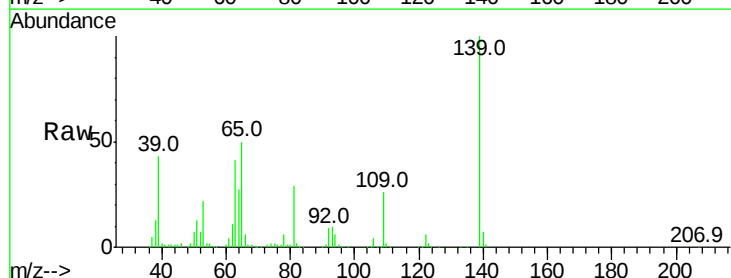
Tgt Ion: 139 Resp: 355020

Ion Ratio Lower Upper

139 100

109 26.1 22.7 34.1

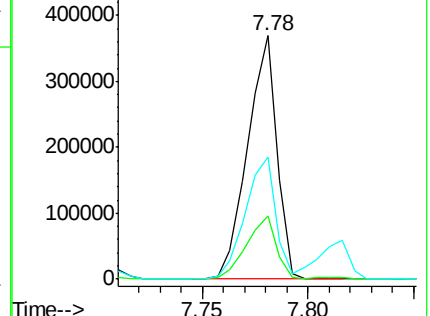
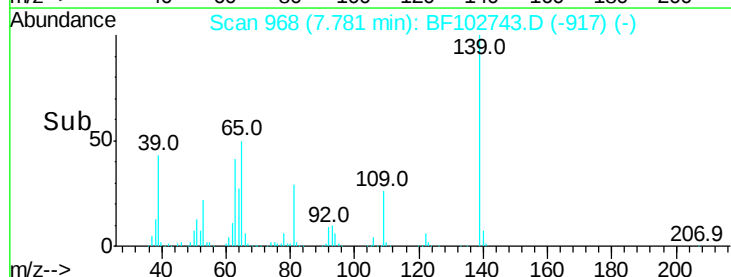
65 50.3 40.5 60.7

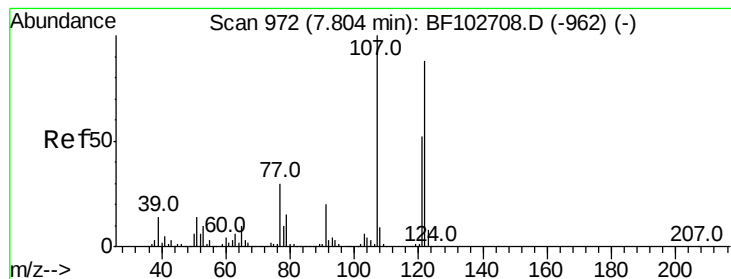


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 49.189 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Instrument :

BNA_F

ClientSampled :

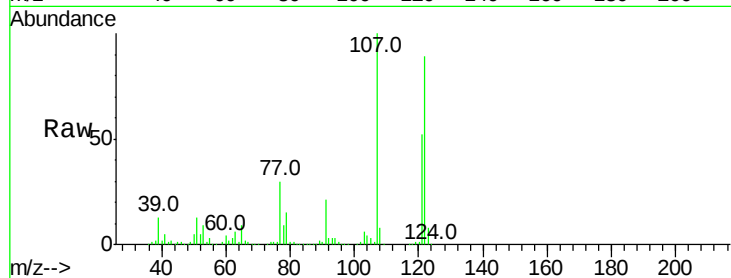
Tot Ion:122 Resp: 622719

Ion Ratio Lower Upper

122 100

107 112.6 91.2 136.8

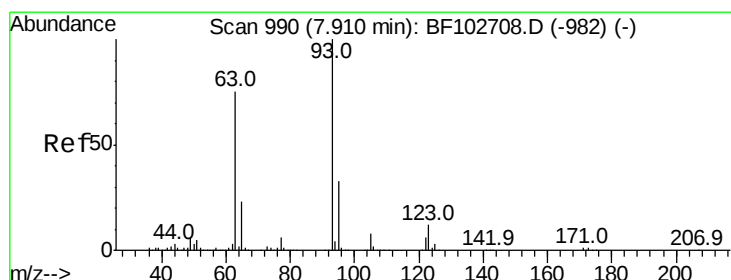
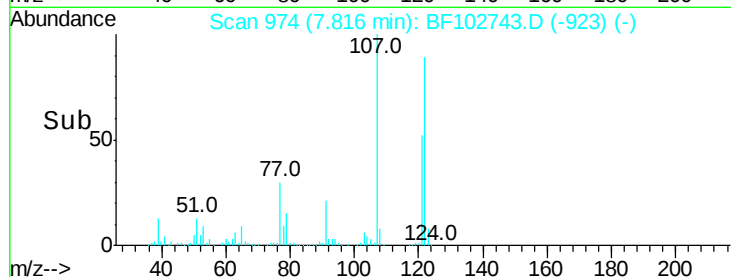
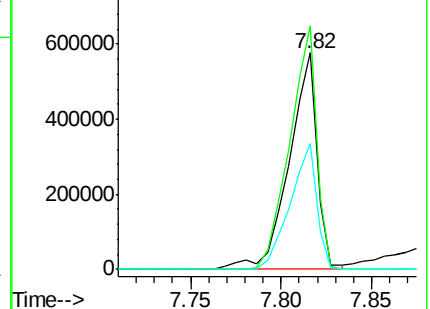
121 58.2 47.2 70.8



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: 34.964 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

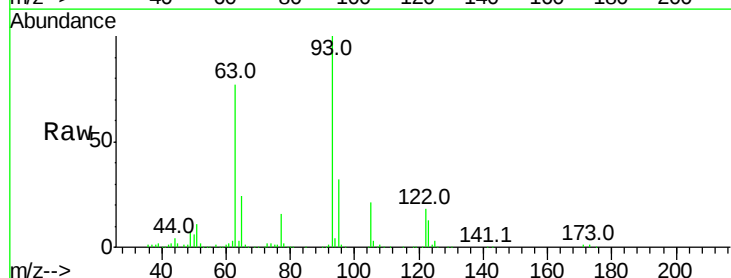
Tgt Ion: 93 Resp: 620644

Ion Ratio Lower Upper

93 100

95 32.0 26.3 39.5

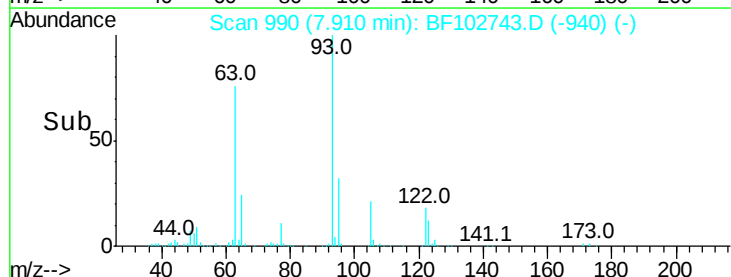
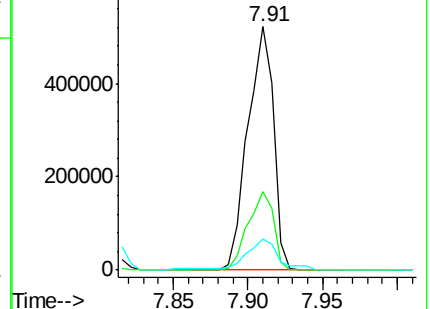
123 12.6 9.8 14.6

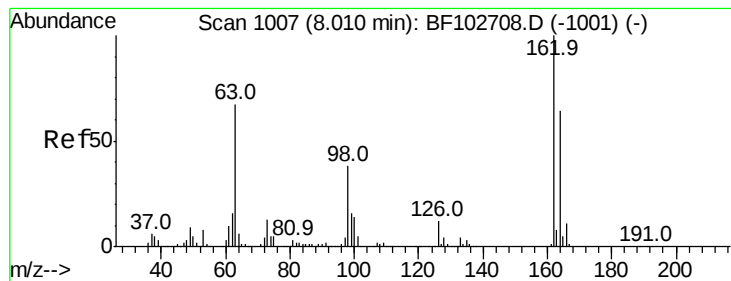


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 48.510 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Instrument :

BNA_F

ClientSampleId :

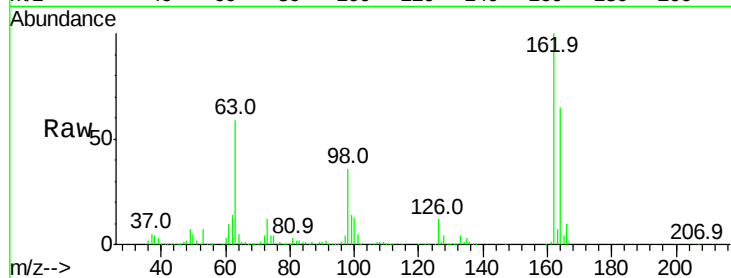
Tot Ion:162 Resp: 558280

Ion Ratio Lower Upper

162 100

164 64.6 42.7 82.7

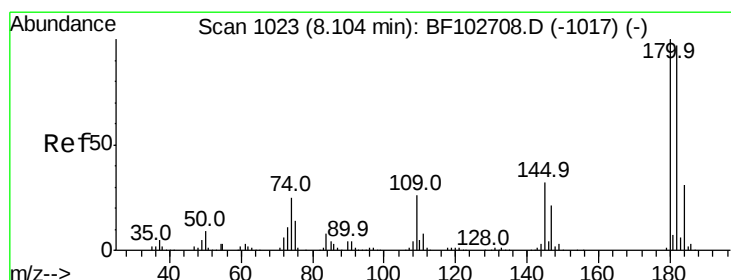
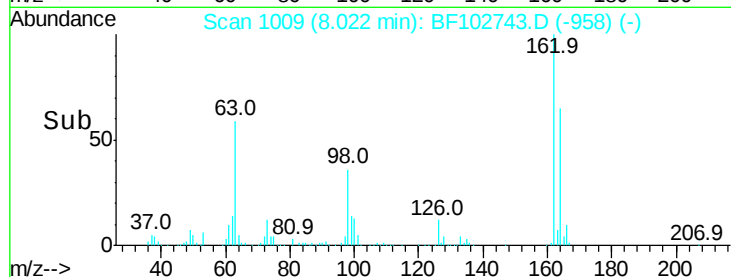
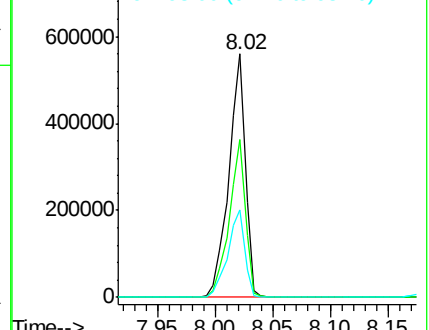
98 35.9 18.1 58.1



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: 42.162 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

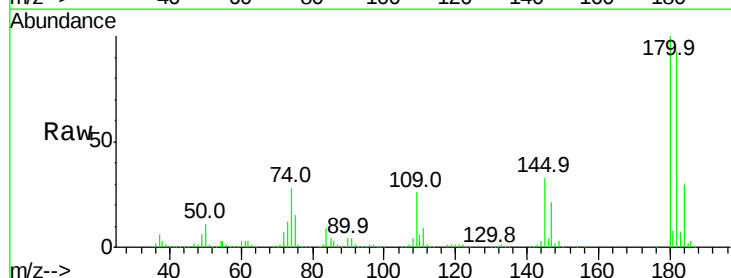
Tgt Ion:180 Resp: 548916

Ion Ratio Lower Upper

180 100

182 93.4 76.8 115.2

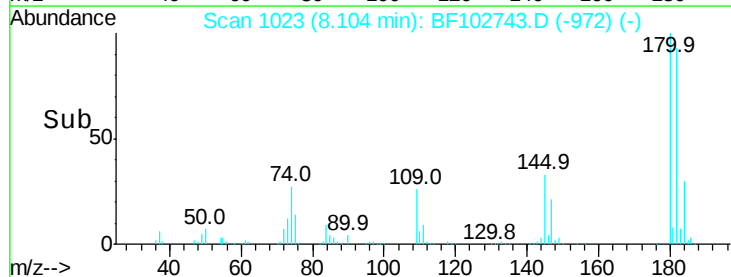
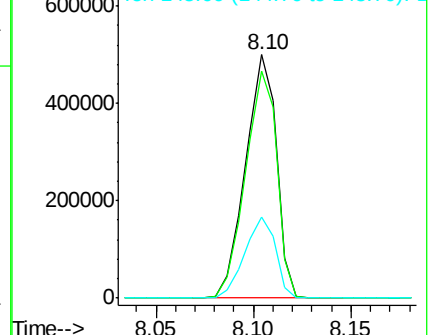
145 33.3 26.5 39.7

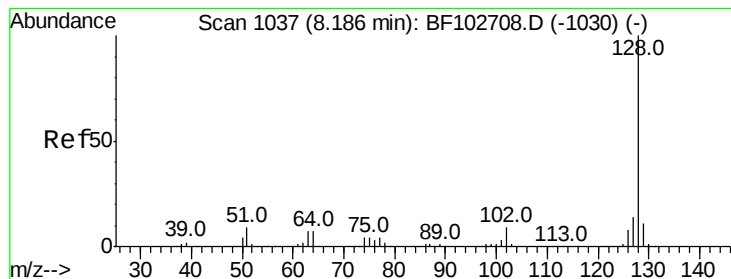


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 44.455 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Instrument :

BNA_F

ClientSampled :

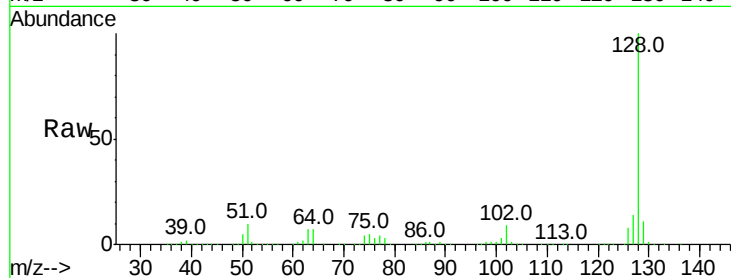
Tot Ion:128 Resp: 1960729

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

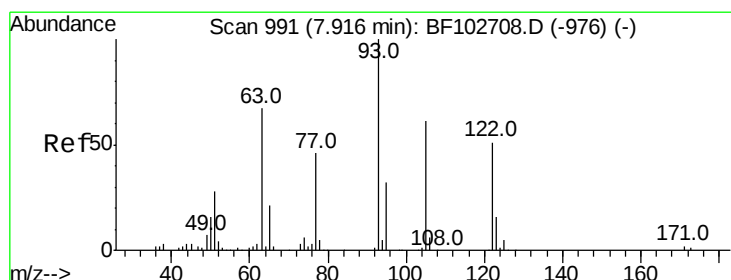
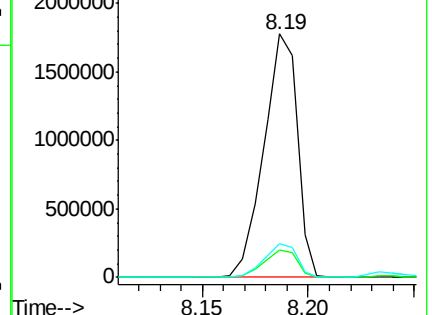
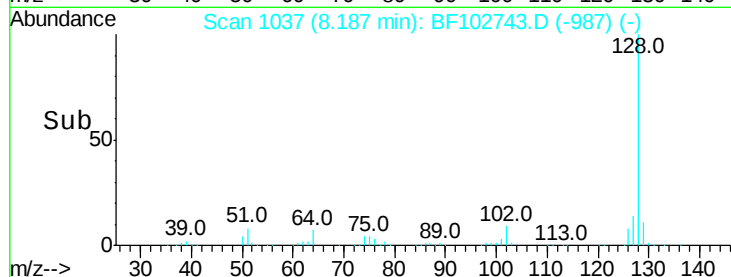
127 13.8 10.9 16.3



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: 49.940 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

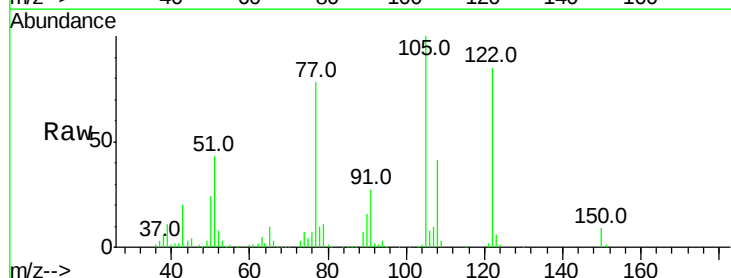
Tgt Ion:122 Resp: 453730

Ion Ratio Lower Upper

122 100

105 117.4 101.1 141.1

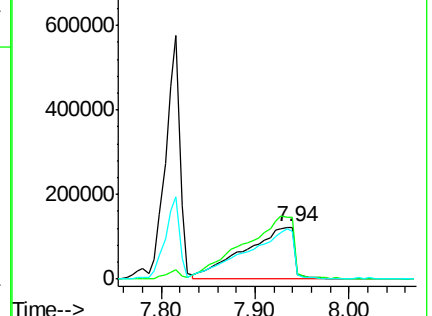
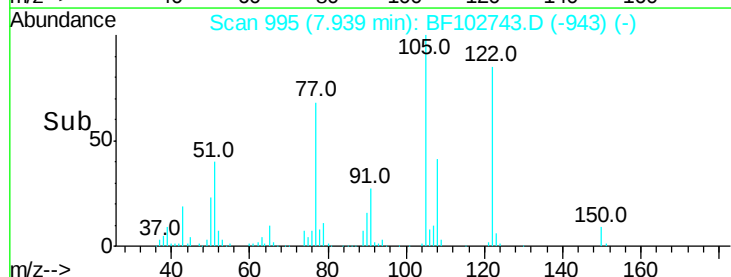
77 91.4 70.7 110.7

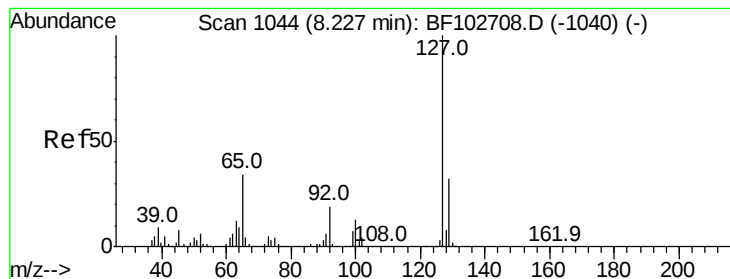


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 2.980 ng

RT: 8.23 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 56625

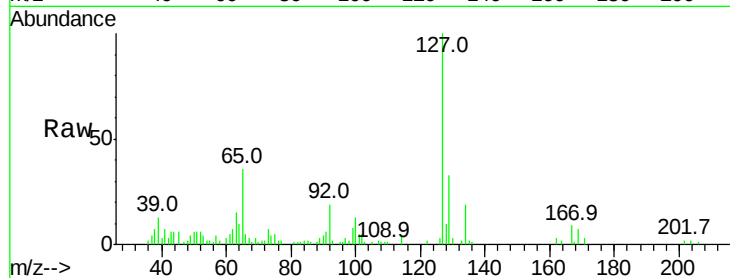
Ion Ratio Lower Upper

127 100

129 33.0 25.9 38.9

65 35.8 25.0 37.4

92 19.3 15.2 22.8

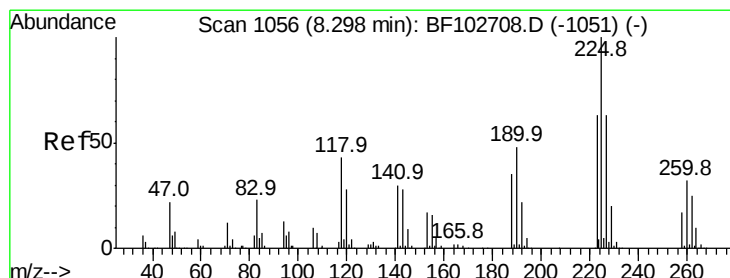
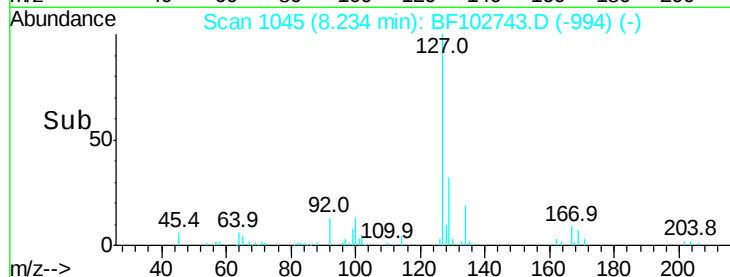
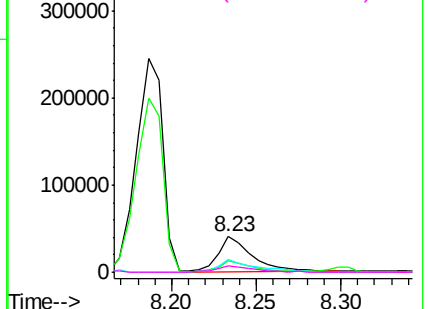


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 41.749 ng

RT: 8.30 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

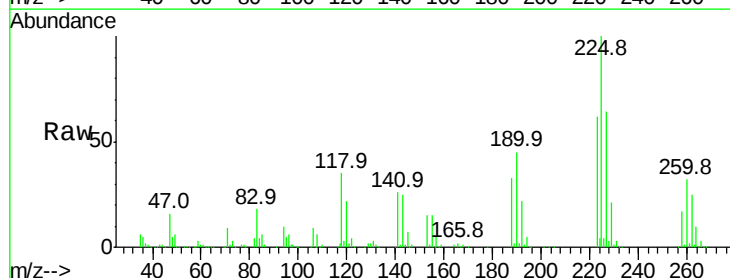
Tgt Ion:225 Resp: 278527

Ion Ratio Lower Upper

225 100

223 62.0 50.6 76.0

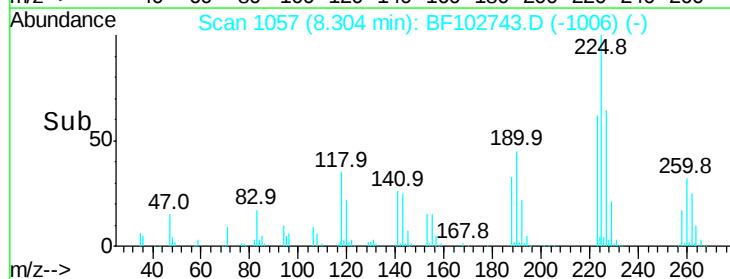
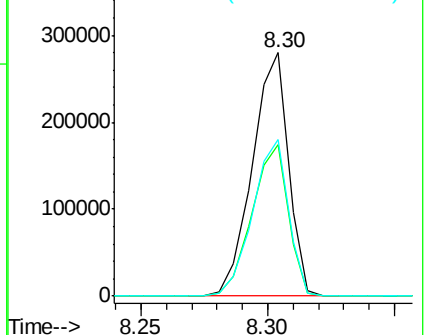
227 64.2 51.9 77.9

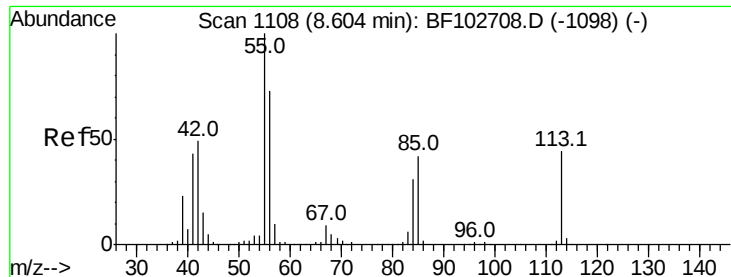


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

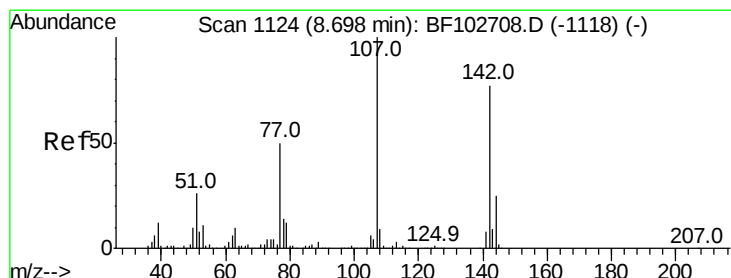
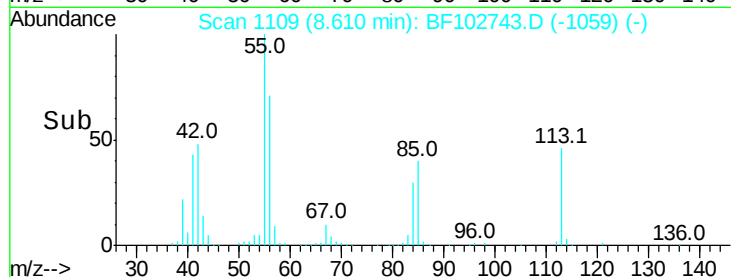
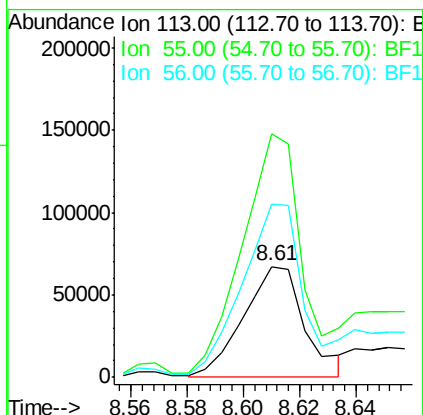
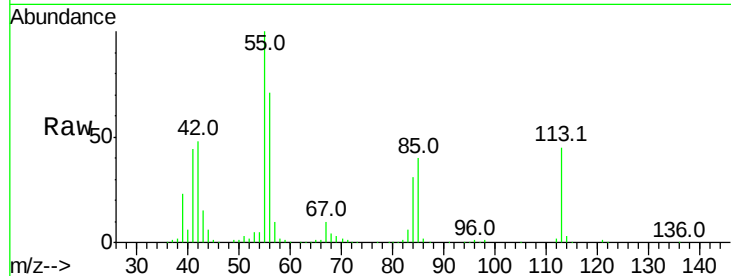




#35
 Caprolactam
 Concen: 25.411 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF102743.D
 Acq: 5 Feb 2018 17:38

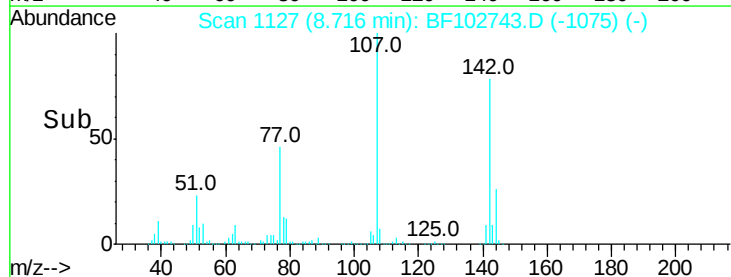
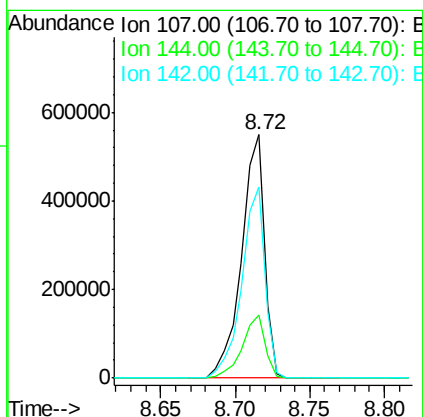
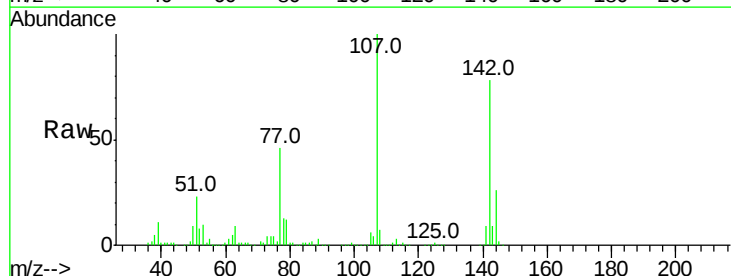
Instrument :
 BNA_F
 ClientSampleId :

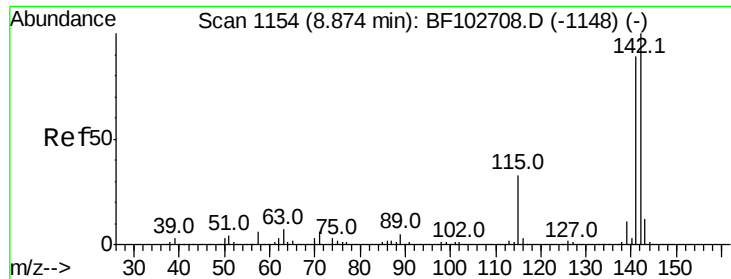
Tot Ion:113 Resp: 101561
 Ion Ratio Lower Upper
 113 100
 55 220.2 163.3 203.3#
 56 156.3 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 45.682 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.01 min
 Lab File: BF102743.D
 Acq: 5 Feb 2018 17:38

Tgt Ion:107 Resp: 590704
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.5 30.7
 142 78.4 62.0 93.0

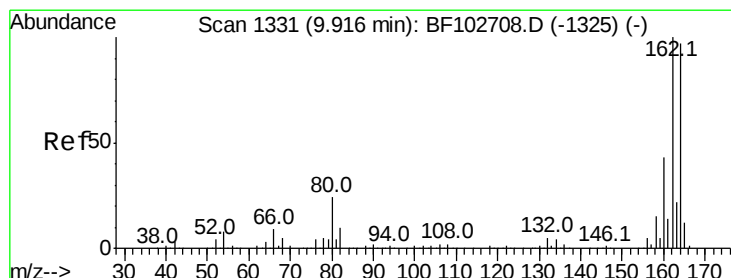
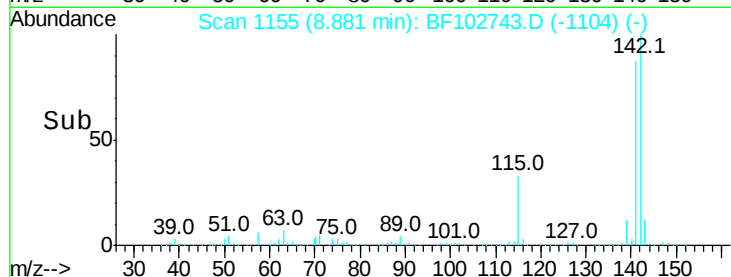
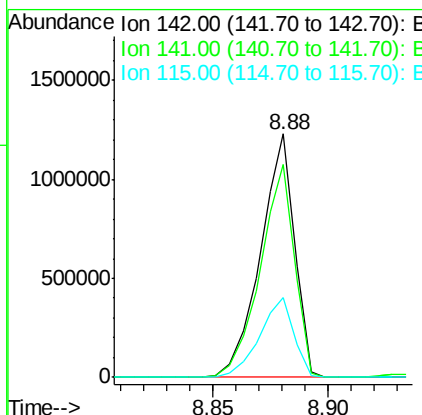
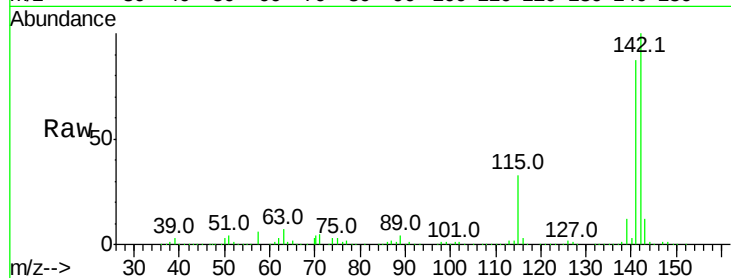




#37
 2-Methylnaphthalene
 Concen: 43.564 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: BF102743.D
 Acq: 5 Feb 2018 17:38

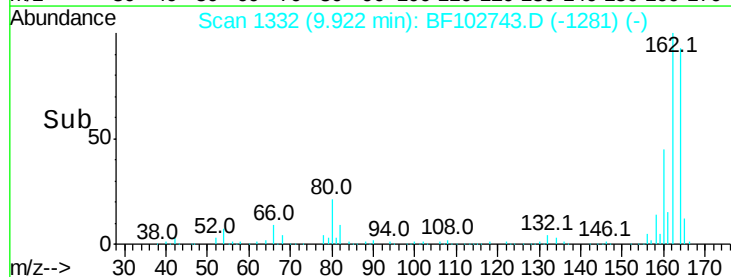
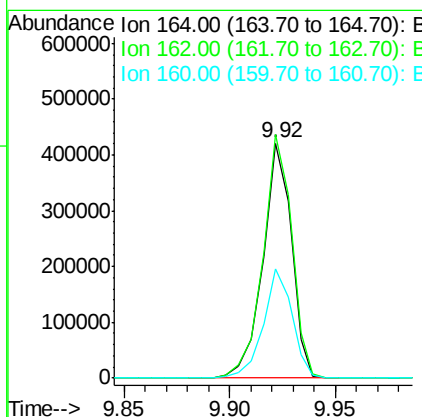
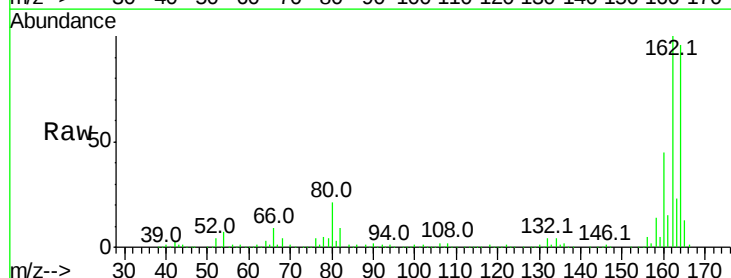
Instrument :
 BNA_F
 ClientSampleId :

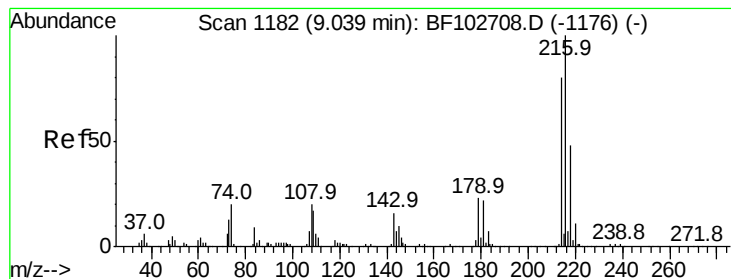
Tot Ion:142 Resp: 1258004
 Ion Ratio Lower Upper
 142 100
 141 87.3 70.8 106.2
 115 32.6 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF102743.D
 Acq: 5 Feb 2018 17:38

Tgt Ion:164 Resp: 397583
 Ion Ratio Lower Upper
 164 100
 162 103.7 86.1 129.1
 160 46.4 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.053 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 476900

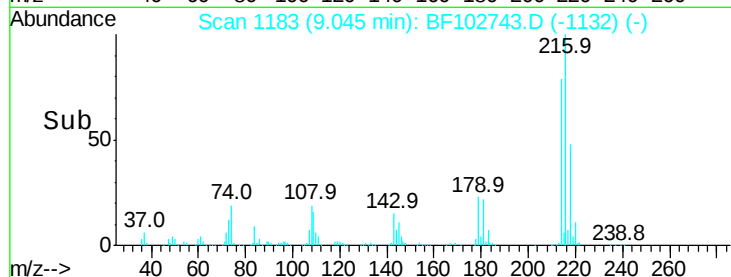
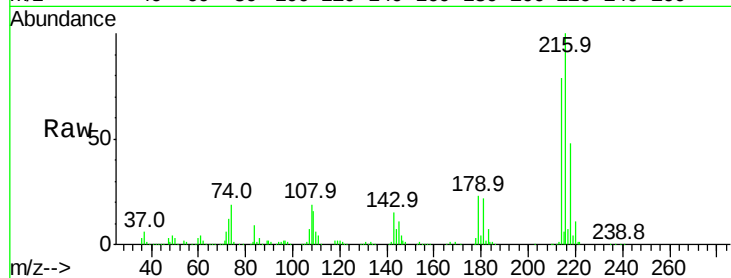
Ion Ratio Lower Upper

216 100

214 79.0 63.0 94.4

179 22.9 18.1 27.1

108 22.2 17.2 25.8

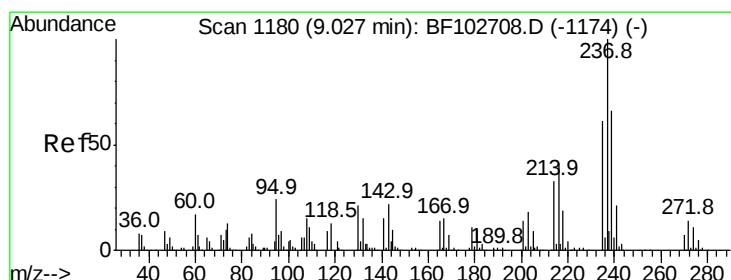
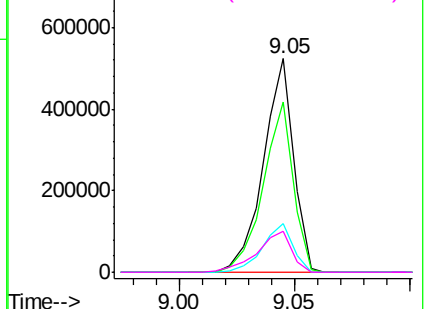


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 52.171 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

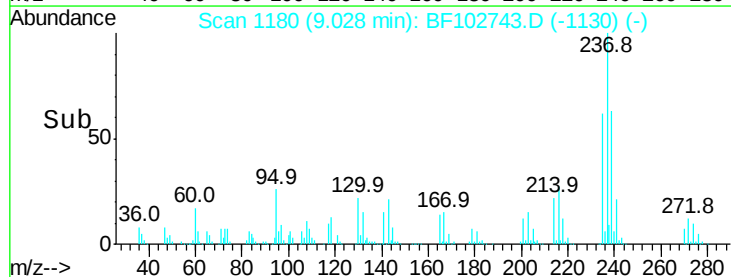
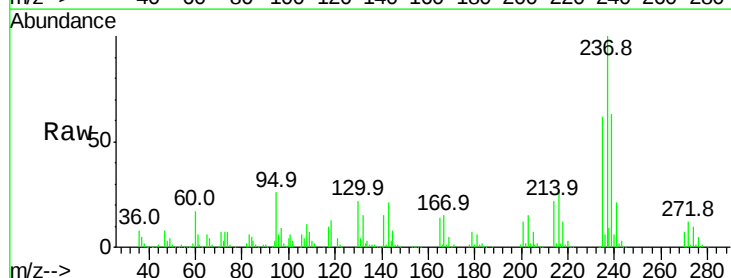
Tgt Ion:237 Resp: 268485

Ion Ratio Lower Upper

237 100

235 62.3 44.8 84.8

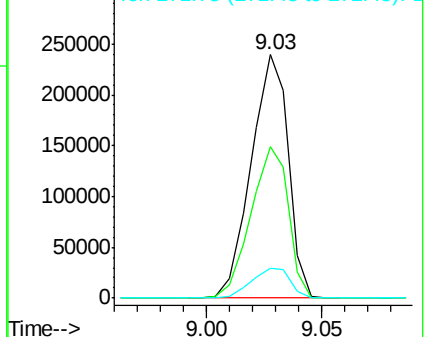
272 12.5 0.0 33.3

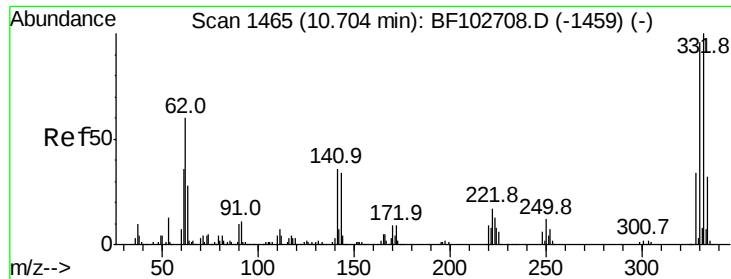


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

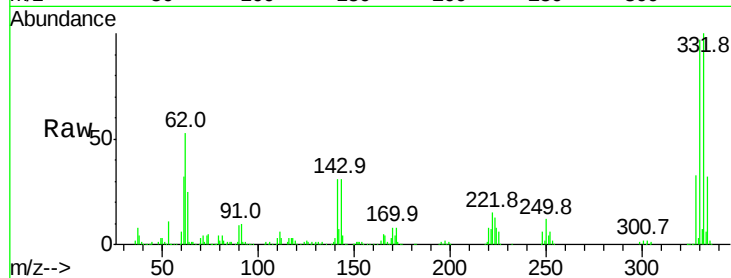




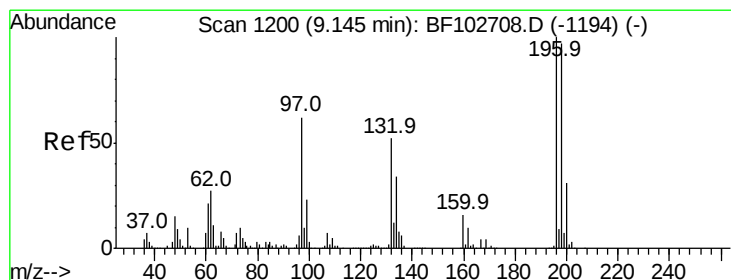
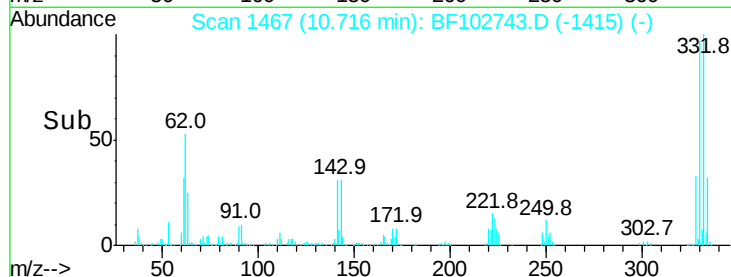
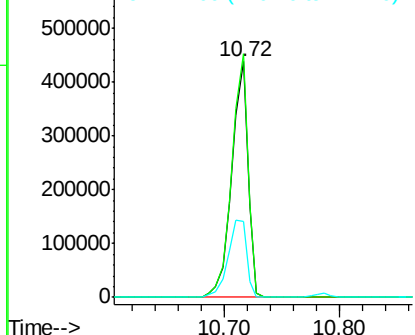
#41
 2,4,6-Tribromophenol
 Concen: 134.230 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102743.D
 Acq: 5 Feb 2018 17:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 429548
 Ion Ratio Lower Upper
 330 100
 332 103.1 77.0 115.6
 141 37.5 29.9 44.9

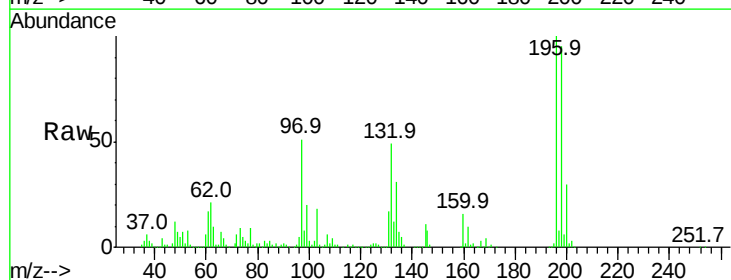


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

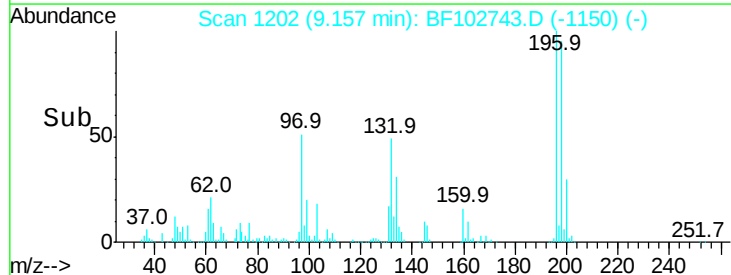
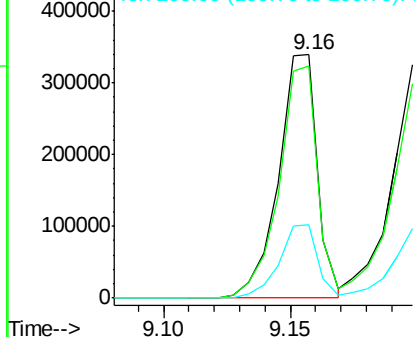


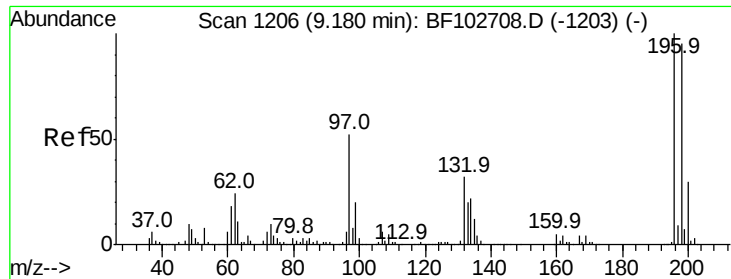
#42
 2,4,6-Trichlorophenol
 Concen: 50.679 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF102743.D
 Acq: 5 Feb 2018 17:38

Tgt Ion:196 Resp: 360351
 Ion Ratio Lower Upper
 196 100
 198 95.3 75.7 113.5
 200 30.1 24.5 36.7



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

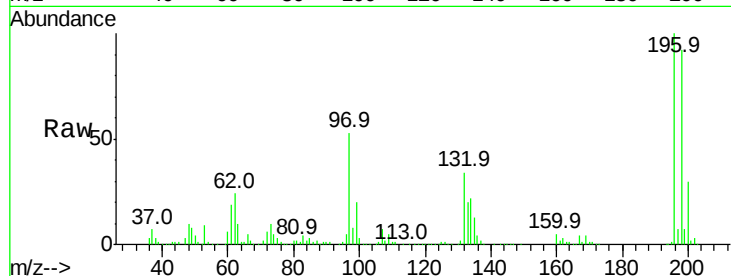




#43
 2,4,5-Trichlorophenol
 Concen: 47.997 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF102743.D
 Acq: 5 Feb 2018 17:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	384653
Ion	Ratio	Lower	Upper
196	100		
198	92.2	74.6	112.0
97	52.9	42.9	64.3
132	34.0	26.3	39.5



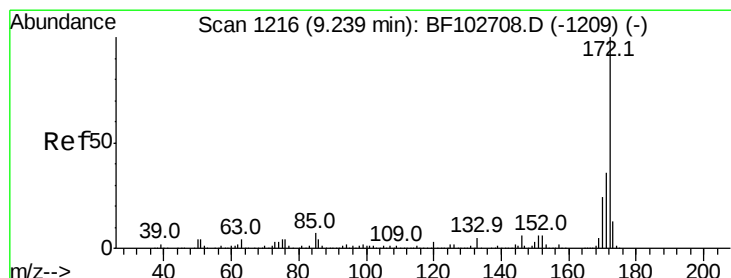
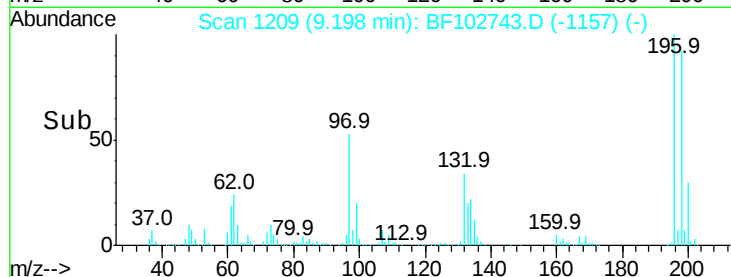
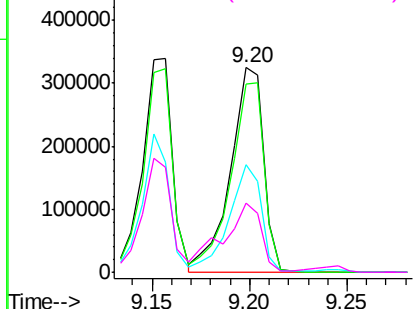
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

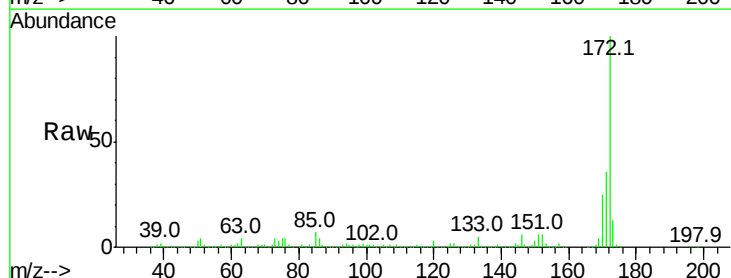
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 93.602 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF102743.D
 Acq: 5 Feb 2018 17:38

Tgt Ion:	172	Resp:	2242721
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.6	19.6	29.4

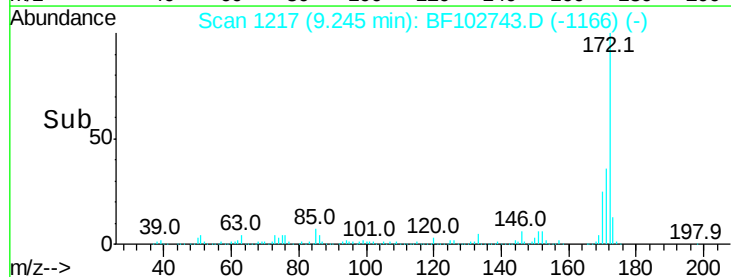
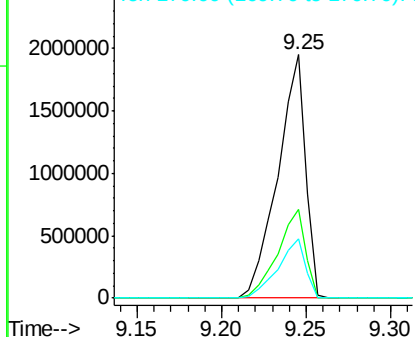


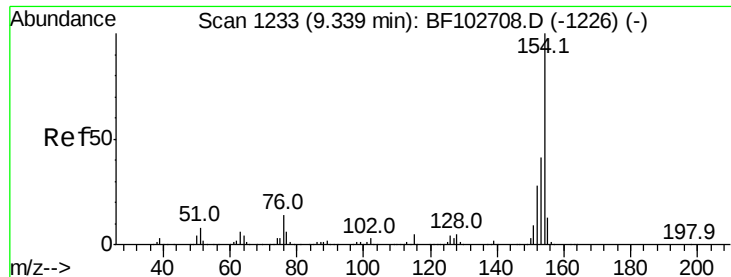
Abundance

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





#45

1,1'-Biphenyl

Concen: 42.871 ng

RT: 9.35 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Instrument :

BNA_F

ClientSampleId :

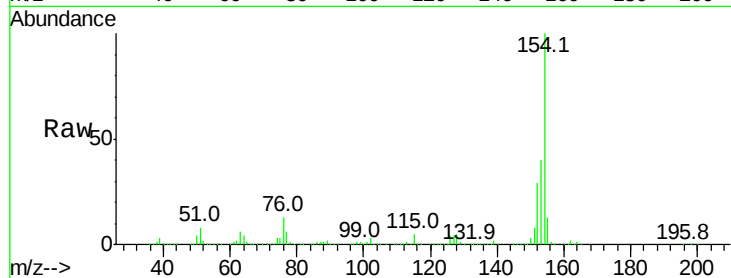
Tot Ion:154 Resp: 1435632

Ion Ratio Lower Upper

154 100

153 40.4 21.3 61.3

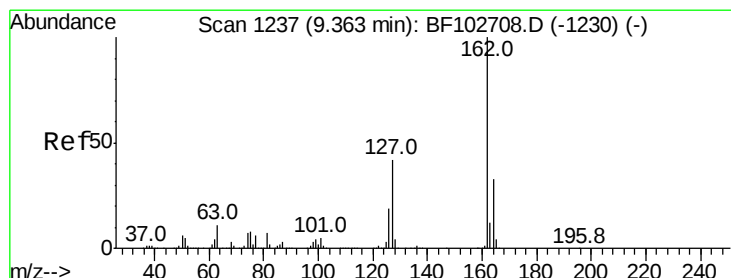
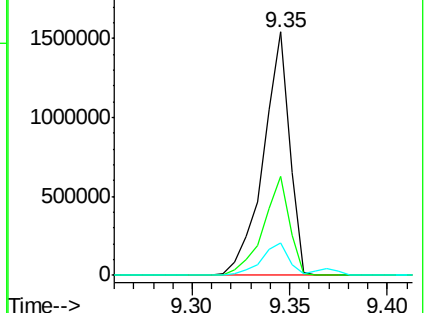
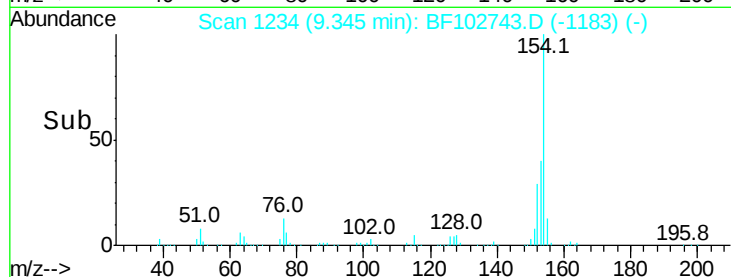
76 13.3 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 42.743 ng

RT: 9.37 min Scan# 1238

Delta R.T. 0.00 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

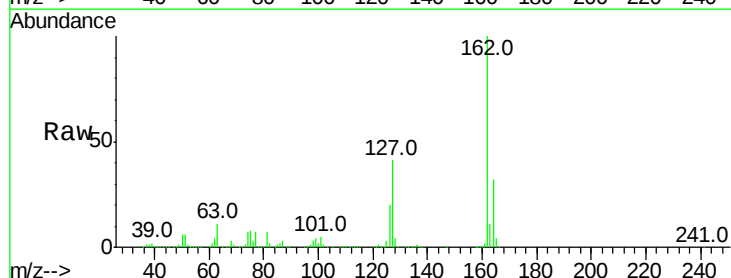
Tgt Ion:162 Resp: 1126864

Ion Ratio Lower Upper

162 100

127 41.2 33.9 50.9

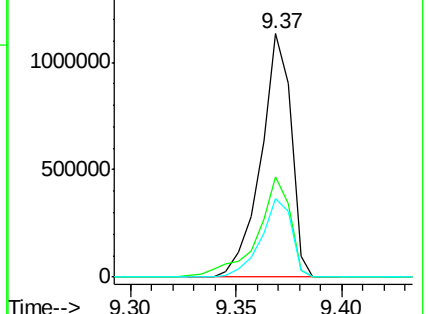
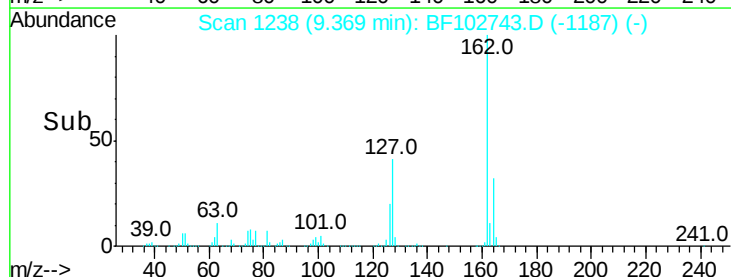
164 32.4 26.5 39.7

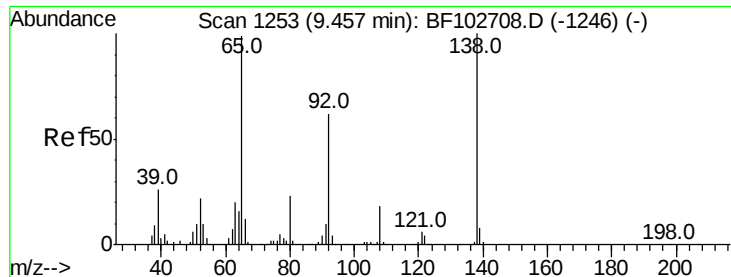


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

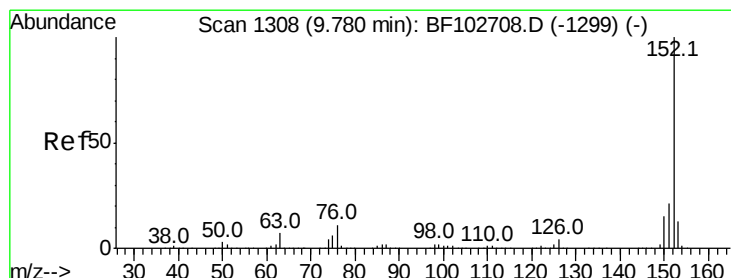
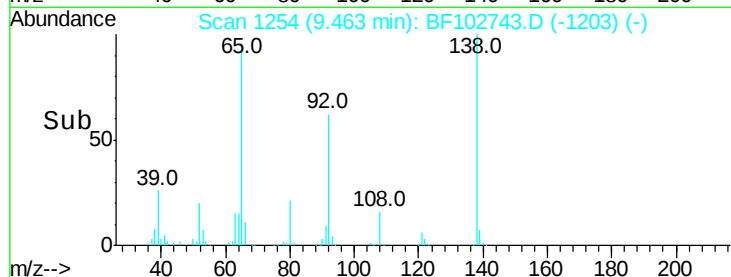
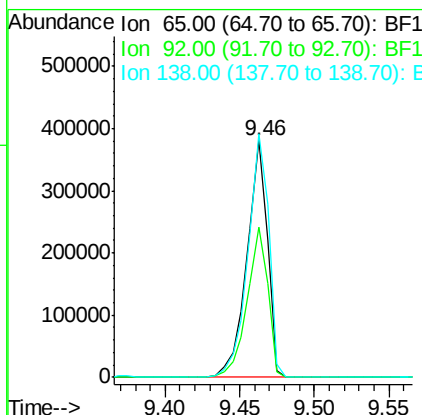
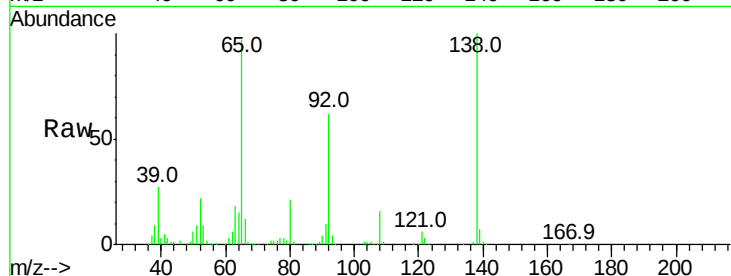




#47
2-Nitroaniline
Concen: 44.756 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

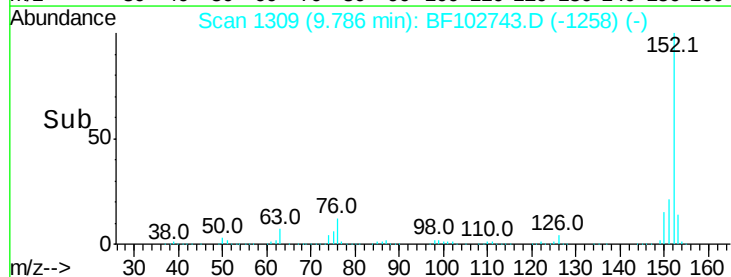
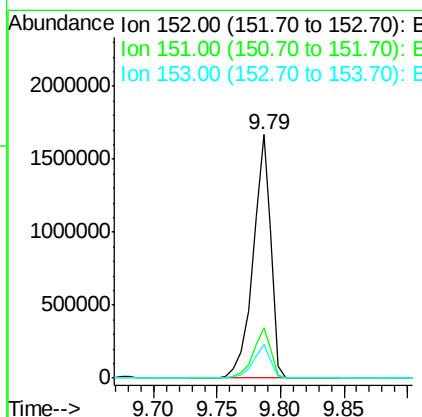
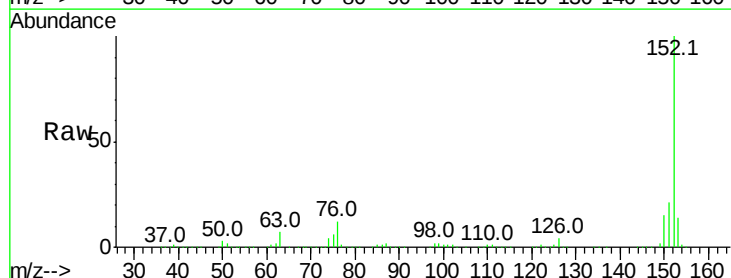
Instrument :
BNA_F
ClientSampleId :

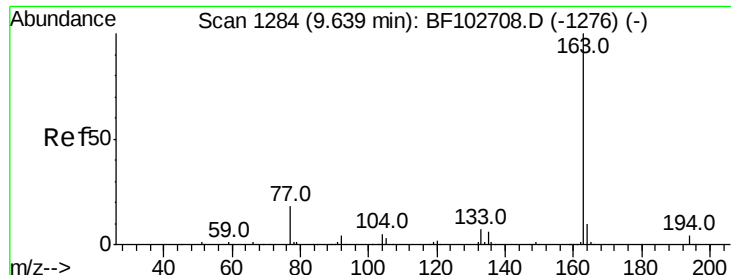
Tot Ion: 65 Resp: 362042
Ion Ratio Lower Upper
65 100
92 63.4 55.8 83.6
138 102.9 91.2 136.8



#48
Acenaphthylene
Concen: 39.603 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Tgt Ion: 152 Resp: 1621645
Ion Ratio Lower Upper
152 100
151 20.9 16.3 24.5
153 13.6 10.7 16.1



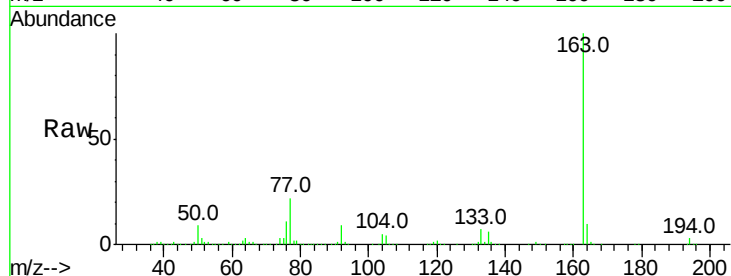


#49
 Dimethylphthalate
 Concen: 44.409 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: BF102743.D
 Acq: 5 Feb 2018 17:38

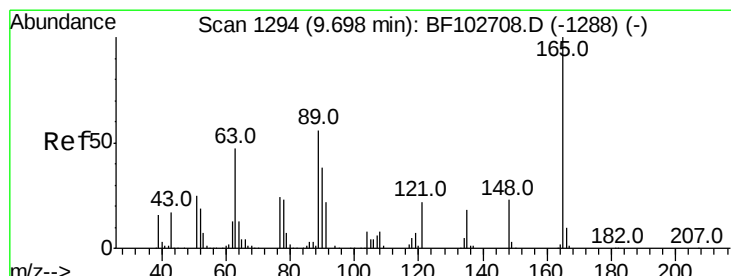
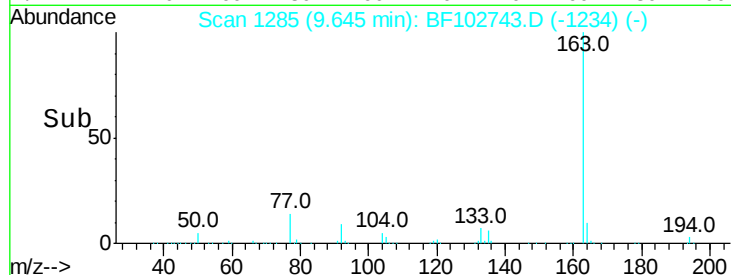
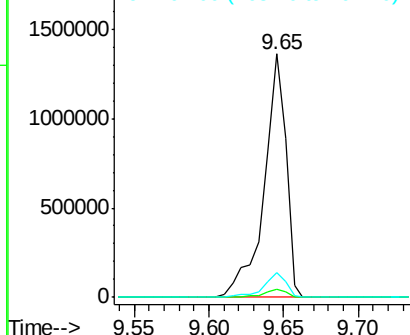
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:163 Resp: 1376687

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.3	8.2	12.2



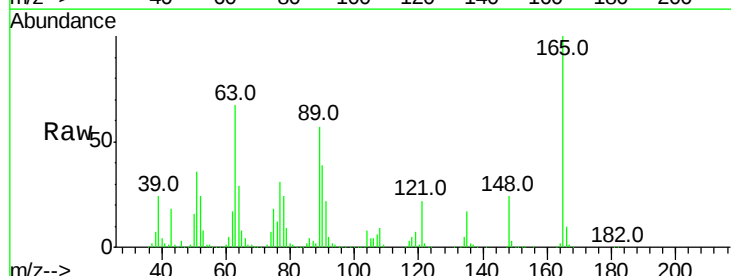
Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E



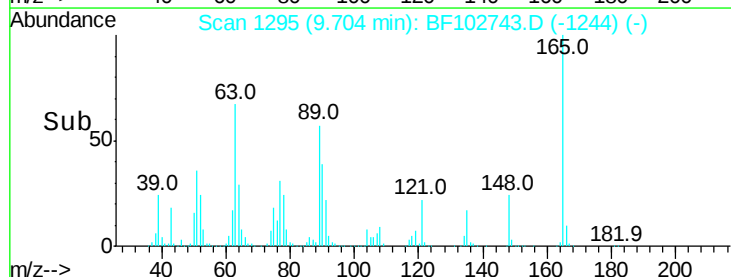
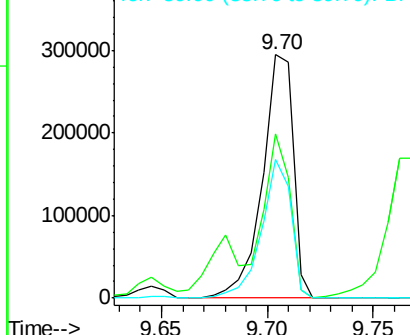
#50
 2,6-Dinitrotoluene
 Concen: 50.970 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: BF102743.D
 Acq: 5 Feb 2018 17:38

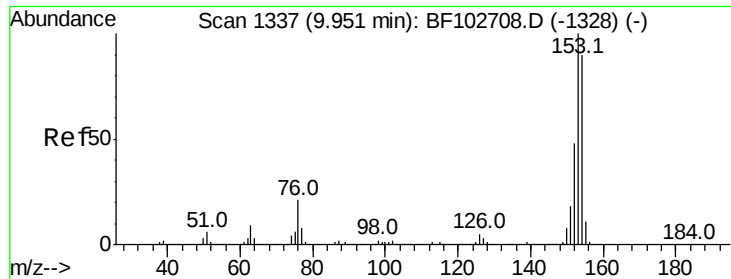
Tgt Ion:165 Resp: 300615

Ion	Ratio	Lower	Upper
165	100		
63	67.4	44.7	67.1#
89	56.9	44.0	66.0



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





#51

Acenaphthene

Concen: 44.363 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Instrument :

BNA_F

ClientSampled :

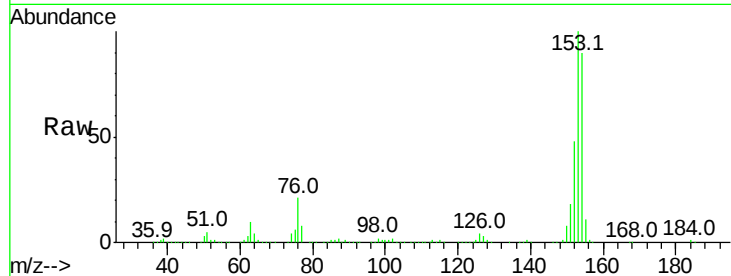
Tot Ion:154 Resp: 1086354

Ion Ratio Lower Upper

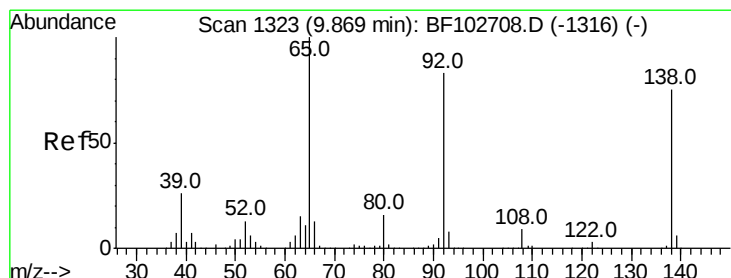
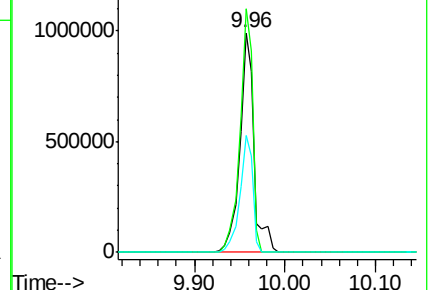
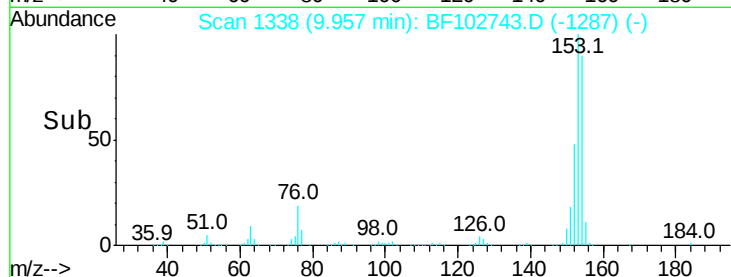
154 100

153 111.0 91.2 136.8

152 53.6 43.8 65.8



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



#52

3-Nitroaniline

Concen: 13.321 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

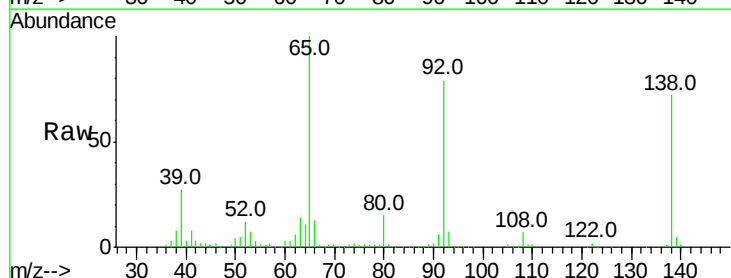
Tgt Ion:138 Resp: 96668

Ion Ratio Lower Upper

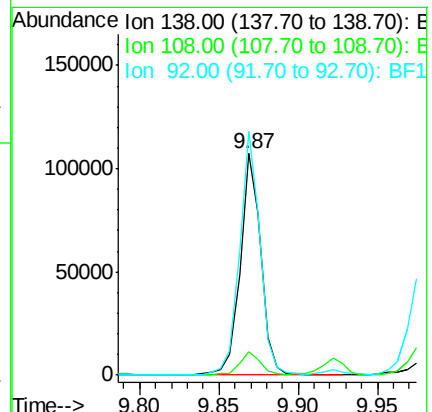
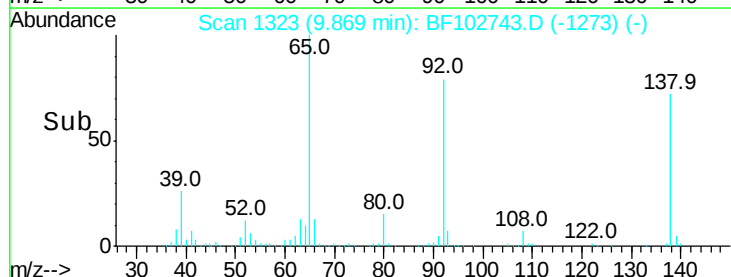
138 100

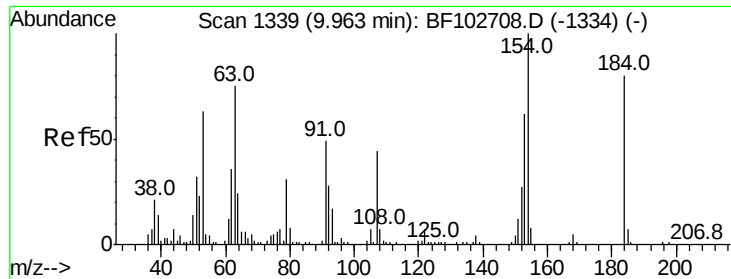
108 10.3 9.4 14.0

92 110.0 89.4 134.2



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

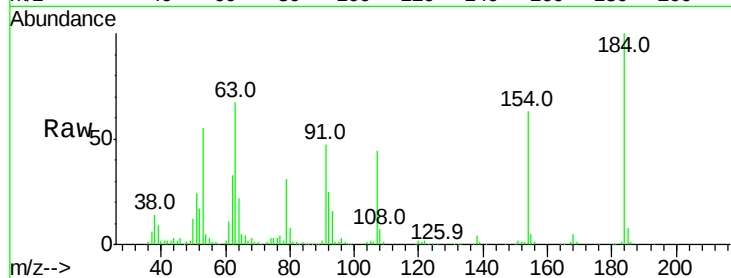




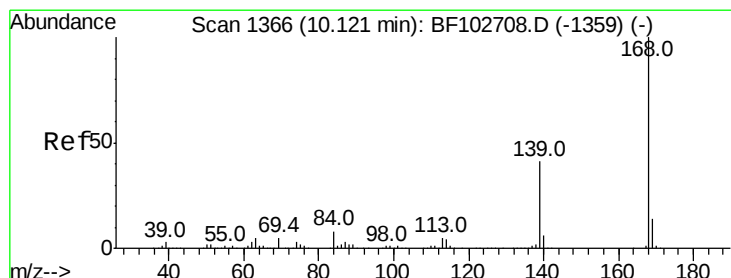
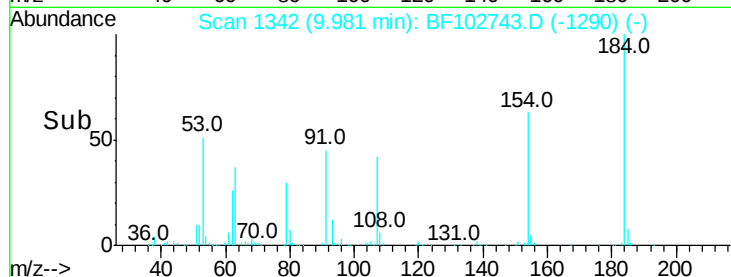
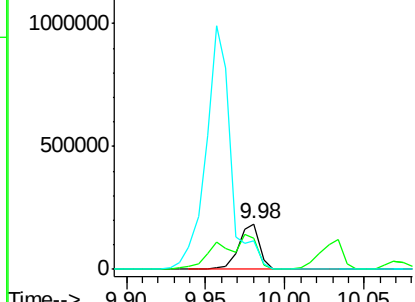
#53
2,4-Dinitrophenol
Concen: 82.533 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 167420
Ion Ratio Lower Upper
184 100
63 66.7 54.2 81.2
154 63.4 184.0 276.0#

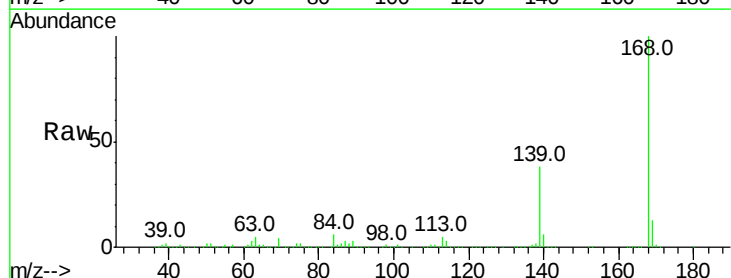


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

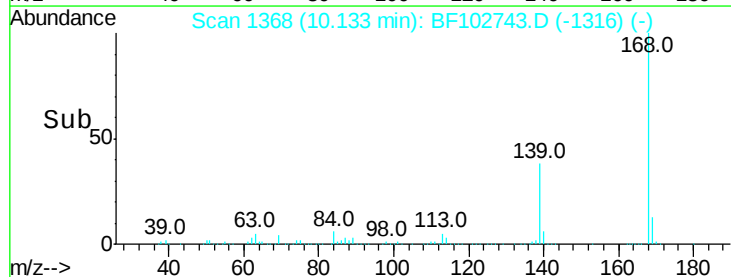
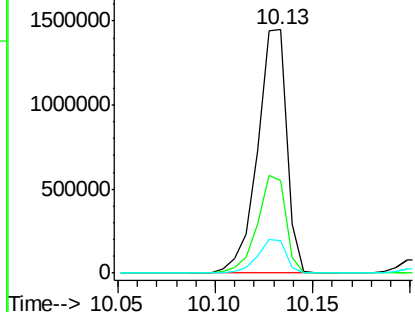


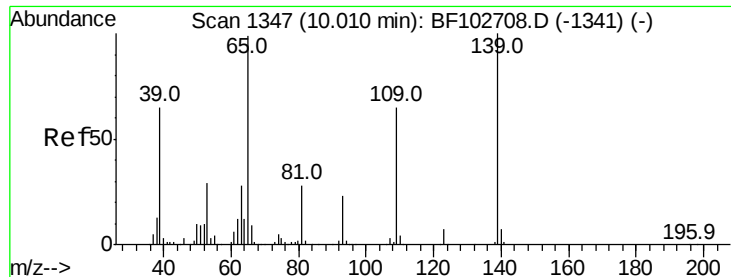
#54
Dibenzofuran
Concen: 43.553 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Tgt Ion:168 Resp: 1502984
Ion Ratio Lower Upper
168 100
139 38.0 30.1 45.1
169 13.4 10.9 16.3



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

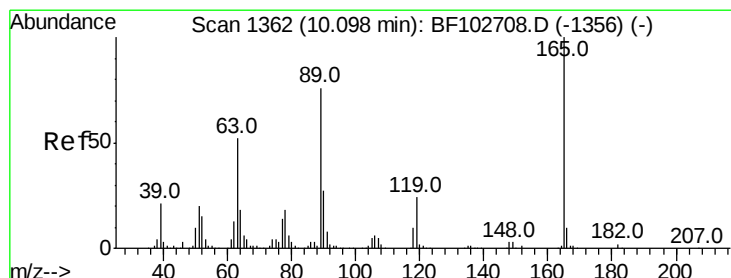
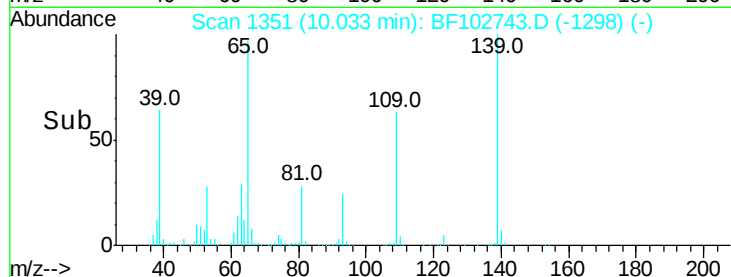
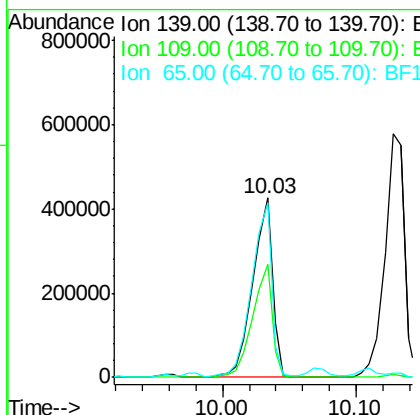
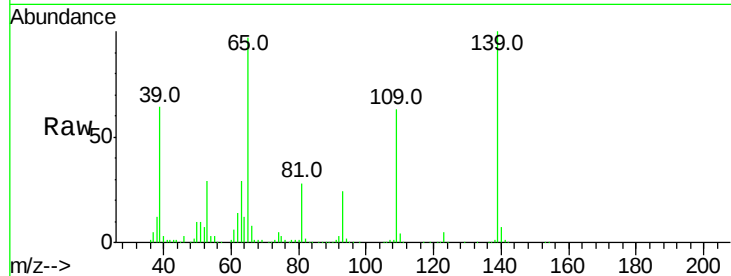




#55
4-Nitrophenol
Concen: 72.763 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

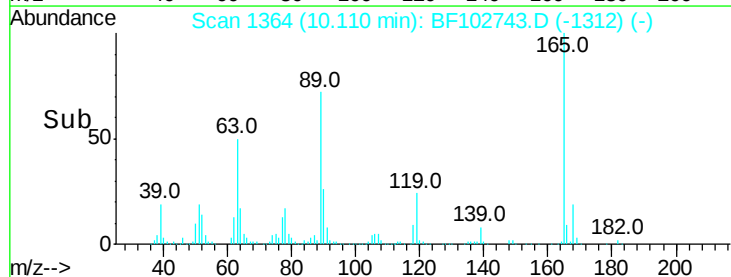
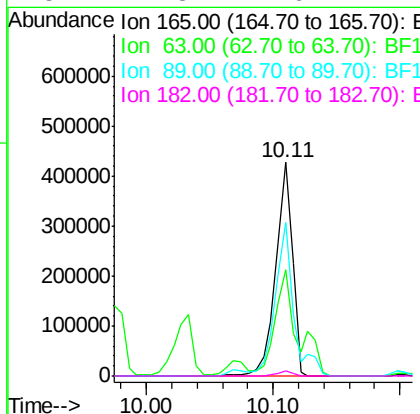
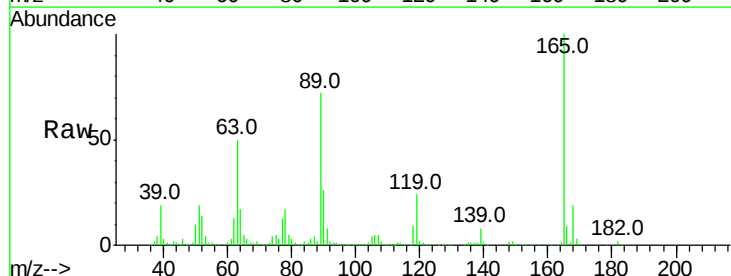
Instrument :
BNA_F
ClientSampleId :

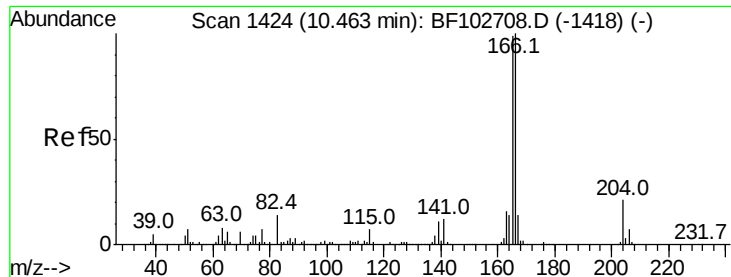
Tot Ion:139 Resp: 431650
Ion Ratio Lower Upper
139 100
109 62.8 48.4 88.4
65 97.3 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 49.083 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Tgt Ion:165 Resp: 388830
Ion Ratio Lower Upper
165 100
63 50.0 36.4 54.6
89 72.1 57.8 86.6
182 2.3 1.6 2.4

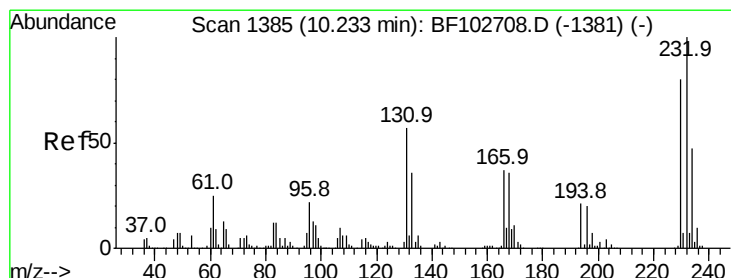
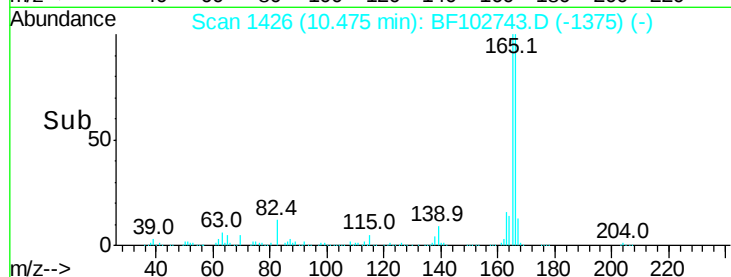
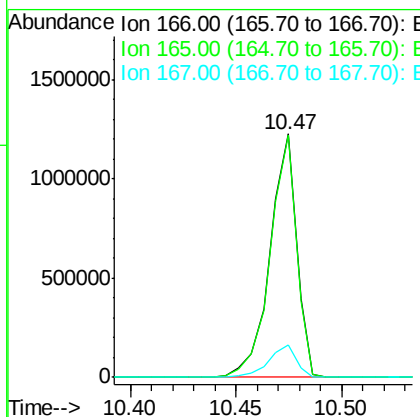
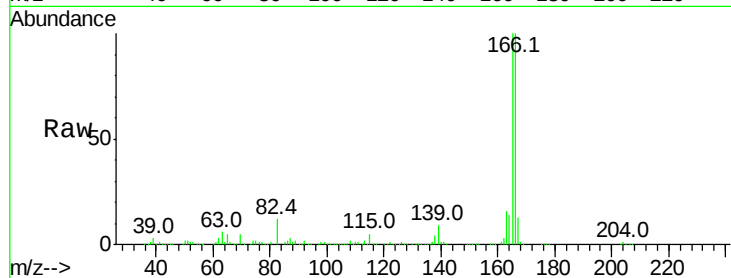




#57
 Fluorene
 Concen: 42.931 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF102743.D
 Acq: 5 Feb 2018 17:38

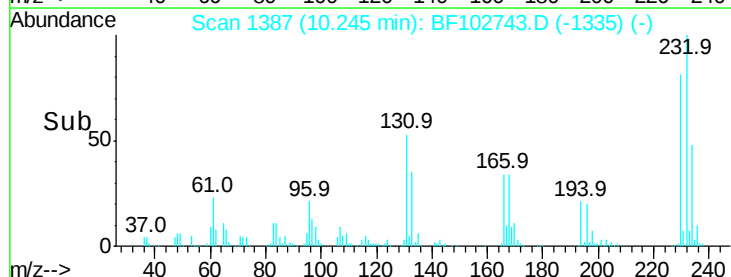
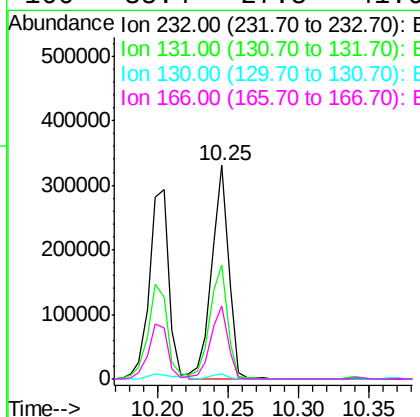
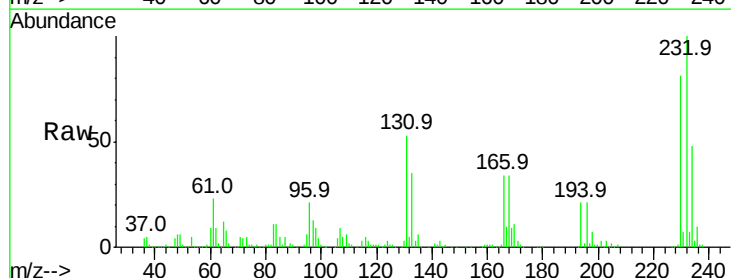
Instrument :
 BNA_F
 ClientSampleId :

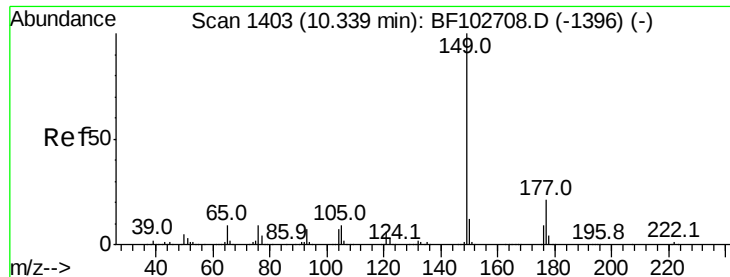
Tot Ion:166 Resp: 1077933
 Ion Ratio Lower Upper
 166 100
 165 99.8 79.8 119.8
 167 13.1 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.971 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: BF102743.D
 Acq: 5 Feb 2018 17:38

Tgt Ion:232 Resp: 277565
 Ion Ratio Lower Upper
 232 100
 131 55.1 43.8 65.8
 130 2.6 2.1 3.1
 166 35.4 27.8 41.6

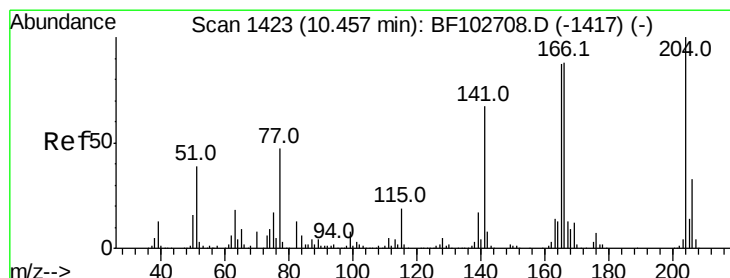
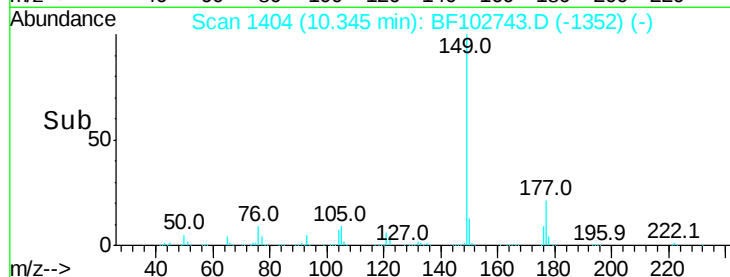
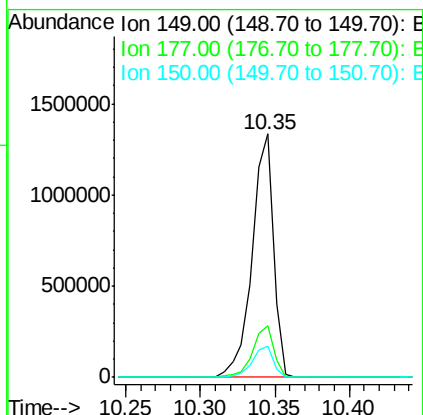
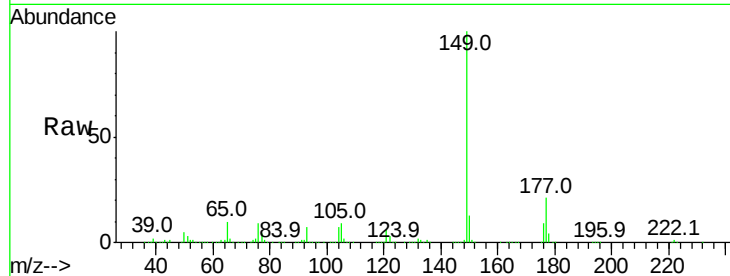




#59
Diethylphthalate
Concen: 42.766 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

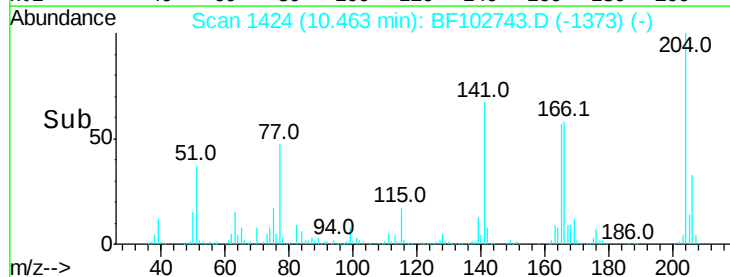
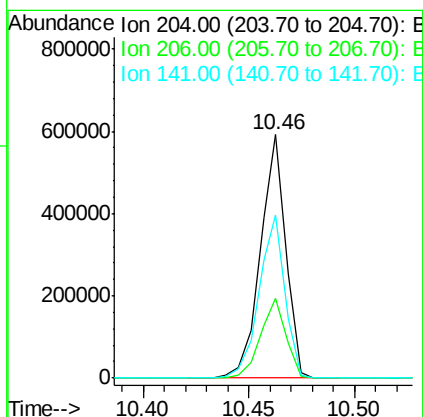
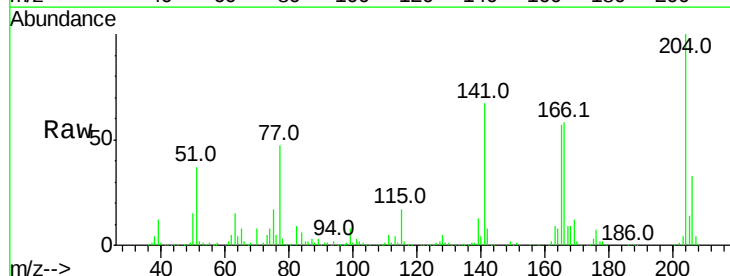
Instrument :
BNA_F
ClientSampleId :

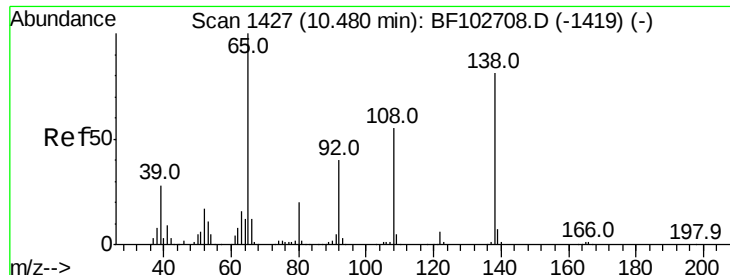
Tot Ion:149 Resp: 1309076
Ion Ratio Lower Upper
149 100
177 21.0 16.1 24.1
150 12.7 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 44.488 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Tgt Ion:204 Resp: 494133
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 67.1 54.6 81.8

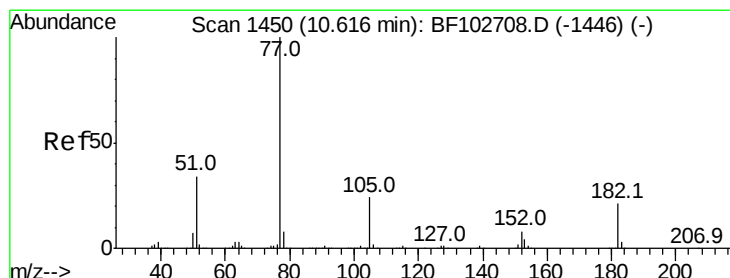
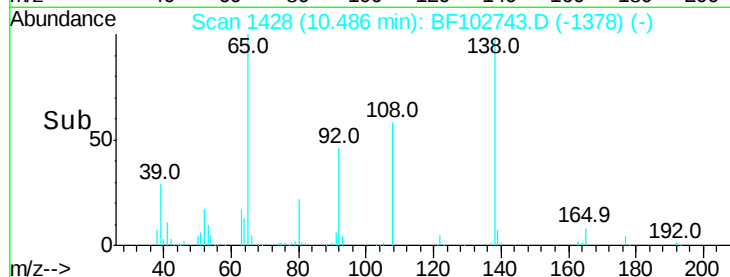
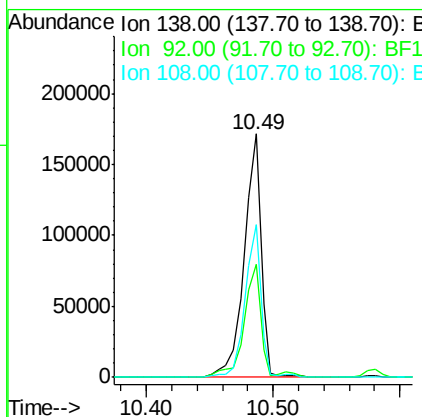
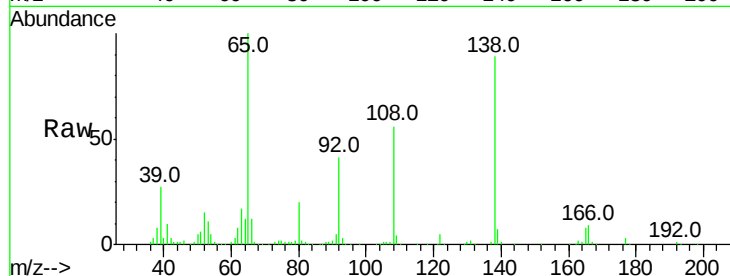




#61
4-Nitroaniline
Concen: 23.005 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

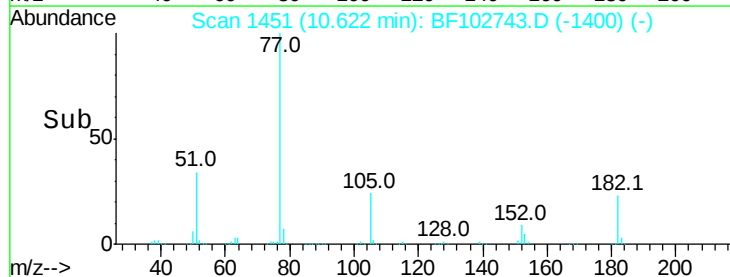
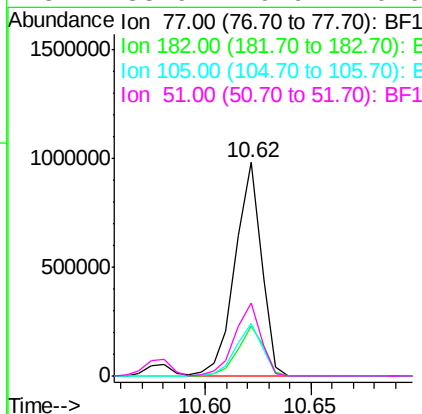
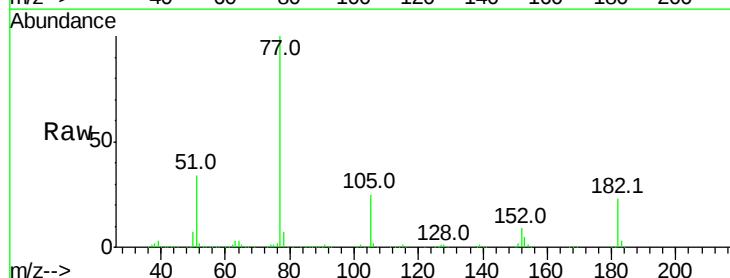
Instrument :
BNA_F
ClientSampleId :

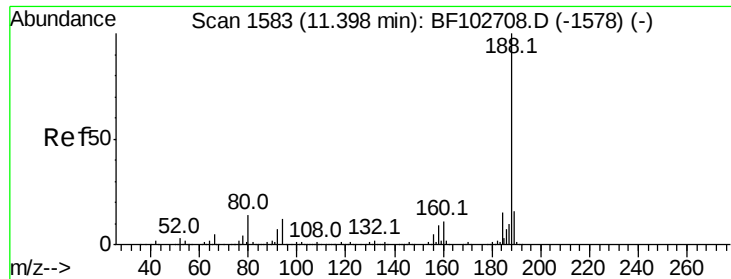
Tot Ion:138 Resp: 158912
Ion Ratio Lower Upper
138 100
92 46.3 30.2 70.2
108 62.5 52.5 92.5



#62
Azobenzene
Concen: 27.663 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Tgt Ion: 77 Resp: 845912
Ion Ratio Lower Upper
77 100
182 23.1 1.7 41.7
105 24.8 3.0 43.0
51 33.9 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Instrument :

BNA_F

ClientSampled :

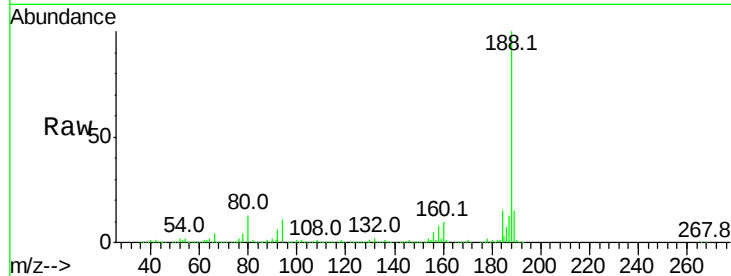
Tot Ion:188 Resp: 611597

Ion Ratio Lower Upper

188 100

94 10.7 8.5 12.7

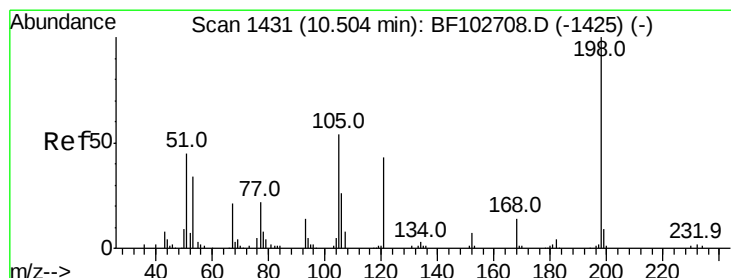
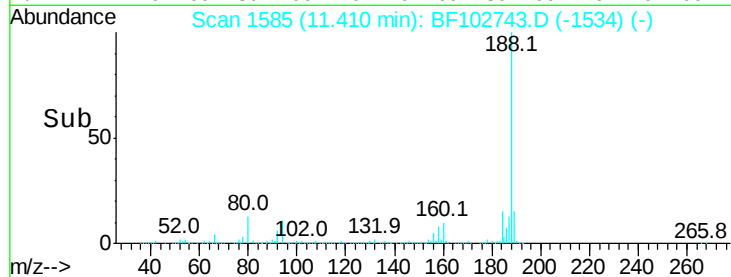
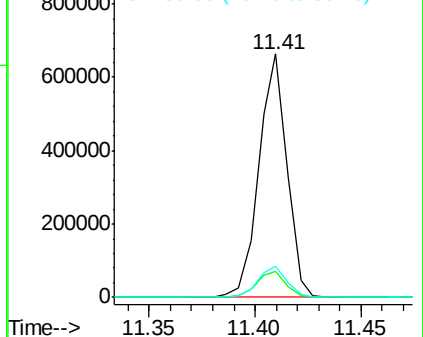
80 12.7 9.2 13.8



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



#64

4,6-Dinitro-2-methylphenol

Concen: 46.147 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

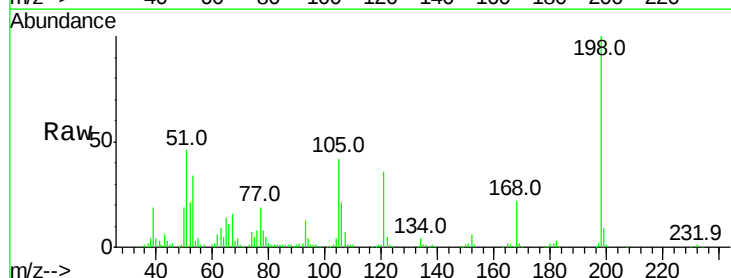
Tgt Ion:198 Resp: 115731

Ion Ratio Lower Upper

198 100

51 45.6 37.7 77.7

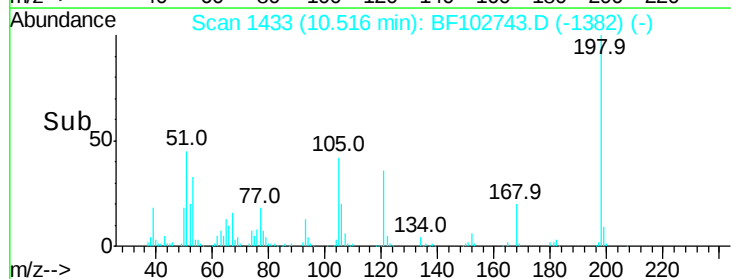
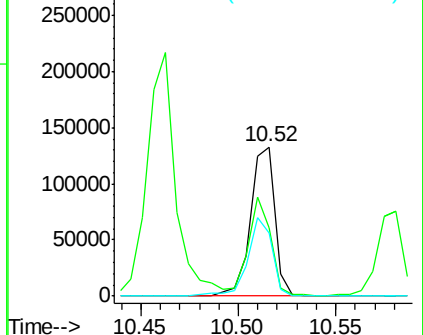
105 42.1 36.3 76.3

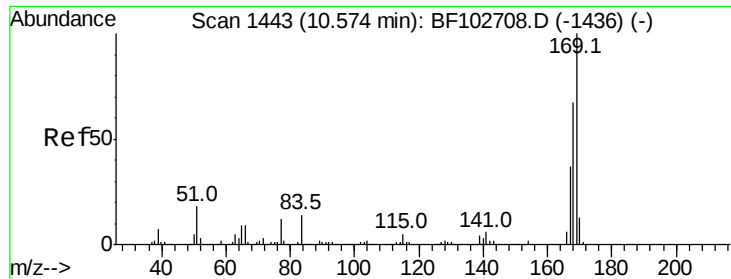


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 18.245 ng

RT: 10.58 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Instrument :

BNA_F

ClientSampleId :

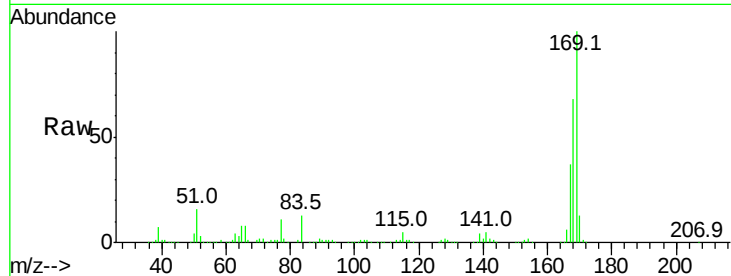
Tot Ion:169 Resp: 393587

Ion Ratio Lower Upper

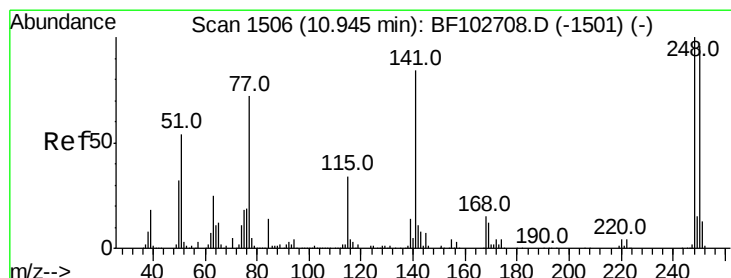
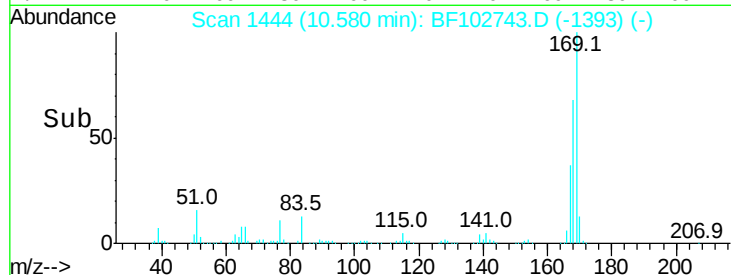
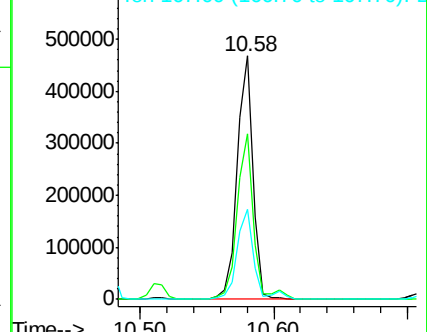
169 100

168 67.8 54.4 81.6

167 37.2 29.8 44.6



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



#66

4-Bromophenyl-phenylether

Concen: 48.743 ng

RT: 10.95 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

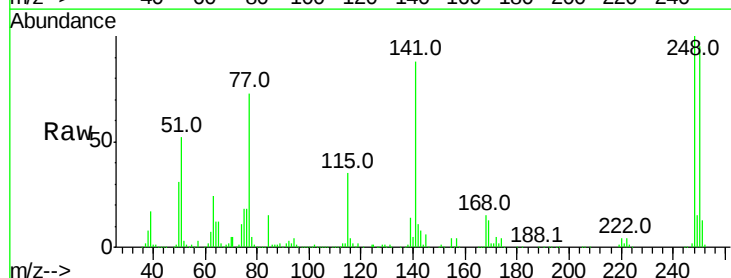
Tgt Ion:248 Resp: 315344

Ion Ratio Lower Upper

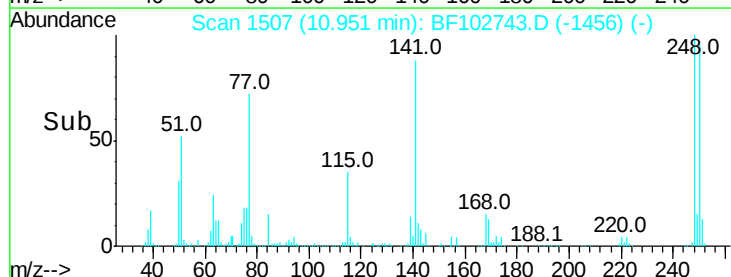
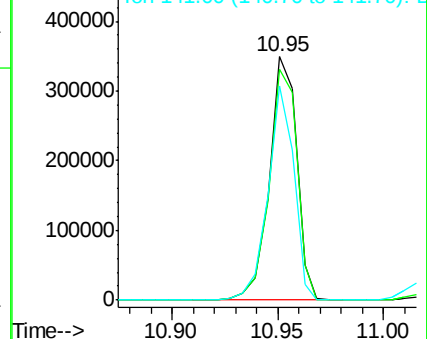
248 100

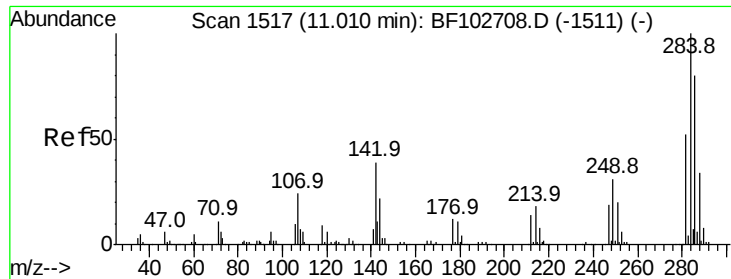
250 95.1 76.9 115.3

141 88.1 74.4 111.6



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

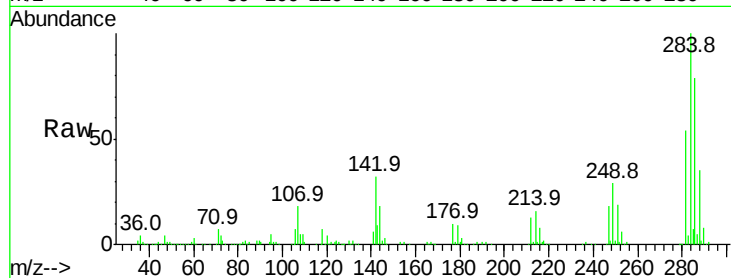




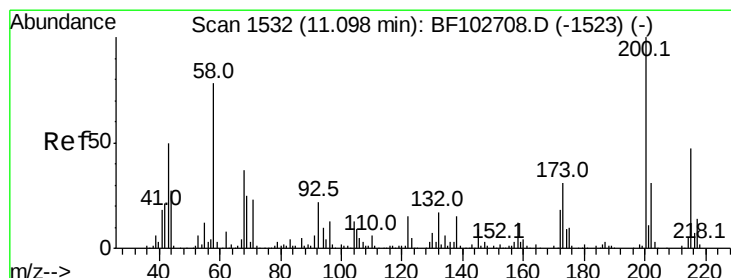
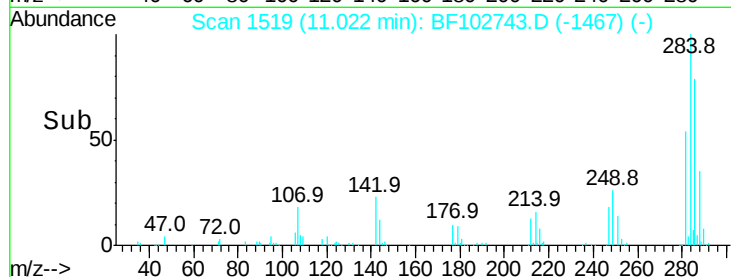
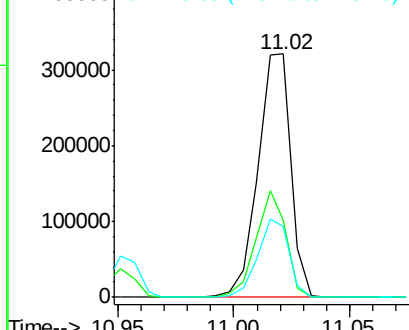
#67
Hexachlorobenzene
Concen: 44.602 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 318329
Ion Ratio Lower Upper
284 100
142 31.7 34.6 52.0#
249 29.2 24.8 37.2

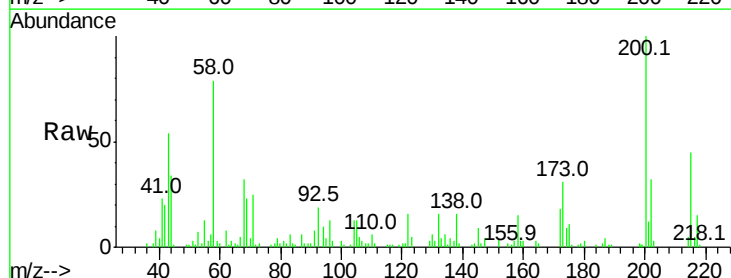


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

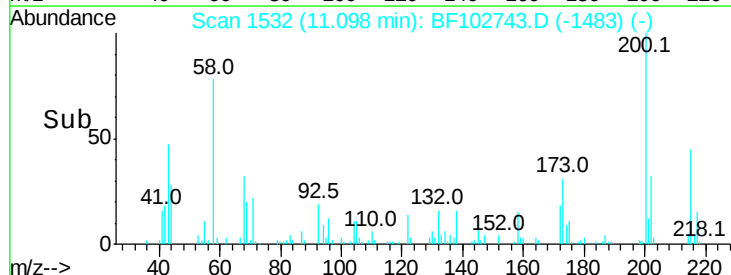
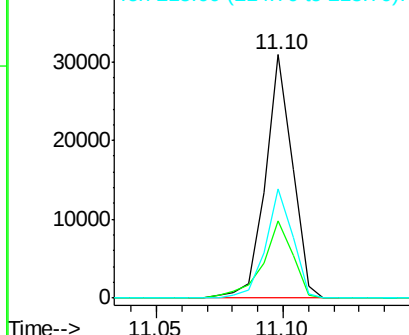


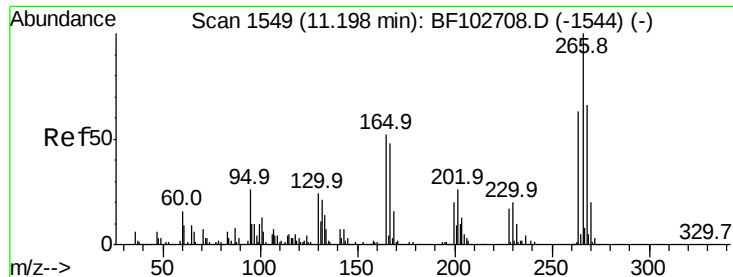
#68
Atrazine
Concen: 3.606 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Tgt Ion:200 Resp: 22952
Ion Ratio Lower Upper
200 100
173 31.5 8.6 48.6
215 45.0 25.1 65.1



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

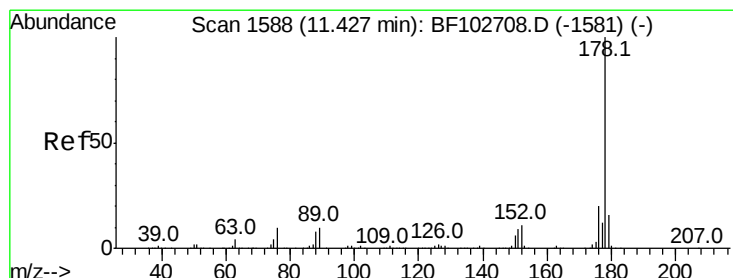
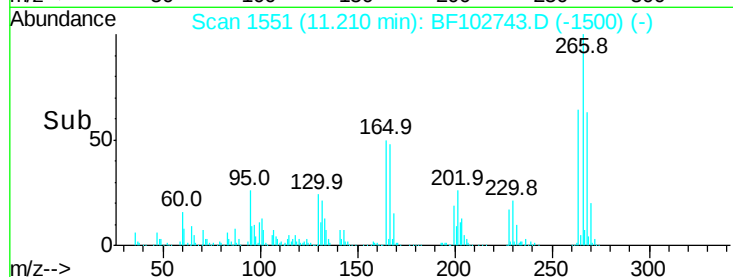
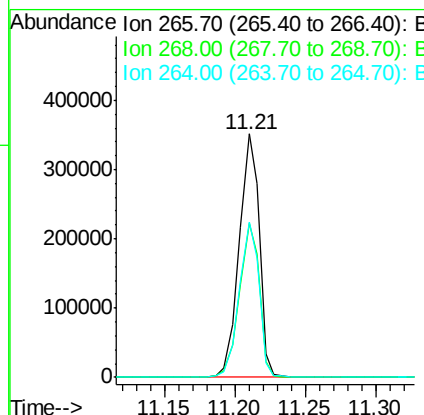
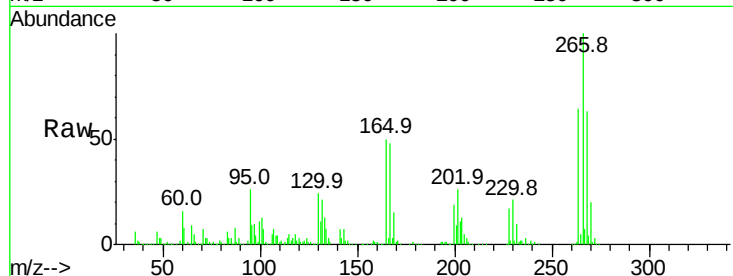




#69
 Pentachlorophenol
 Concen: 83.413 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF102743.D
 Acq: 5 Feb 2018 17:38

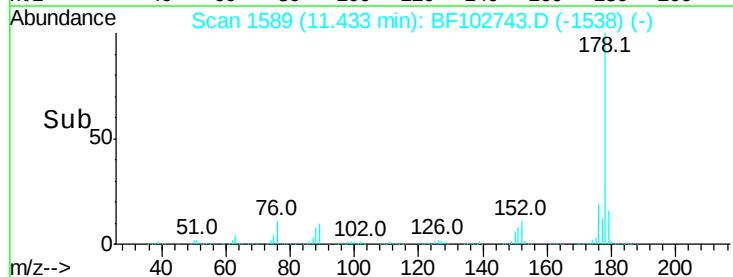
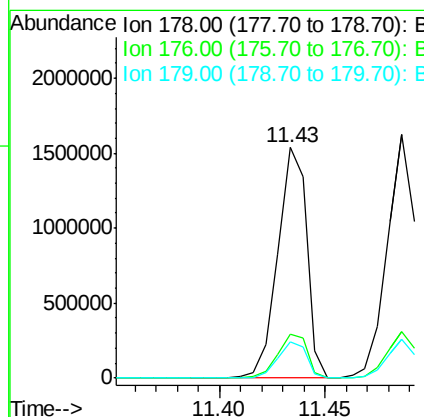
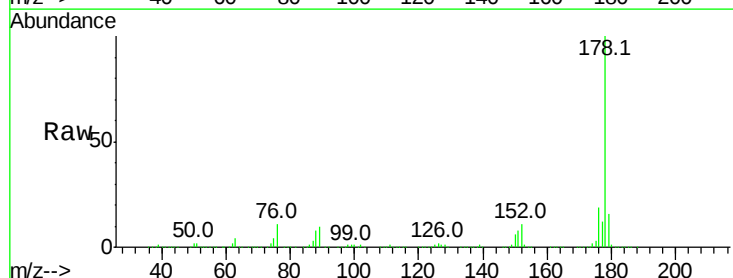
Instrument :
 BNA_F
 ClientSampleId :

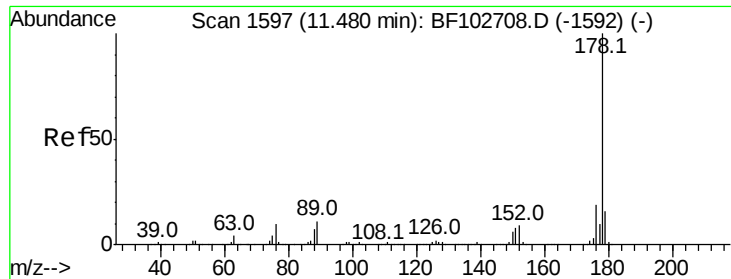
Tot Ion:266 Resp: 349469
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.1 76.7
 264 63.7 49.5 74.3



#70
 Phenanthrene
 Concen: 43.201 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF102743.D
 Acq: 5 Feb 2018 17:38

Tgt Ion:178 Resp: 1471520
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.6 13.0 19.6

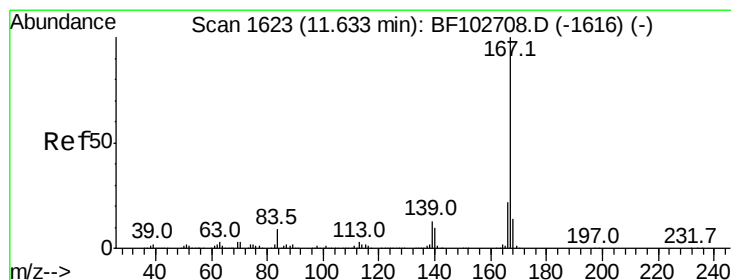
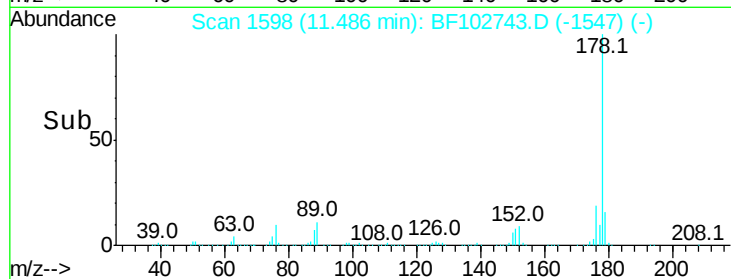
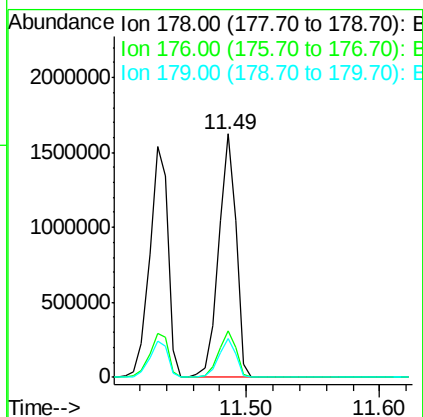
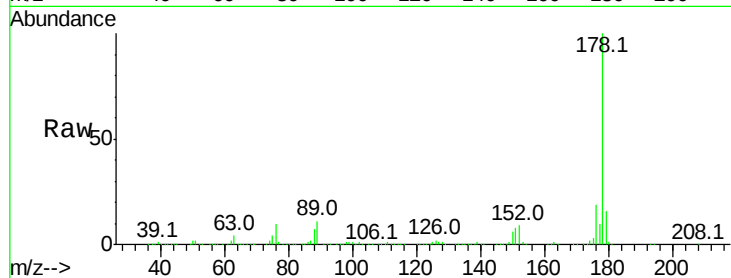




#71
 Anthracene
 Concen: 43.172 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF102743.D
 Acq: 5 Feb 2018 17:38

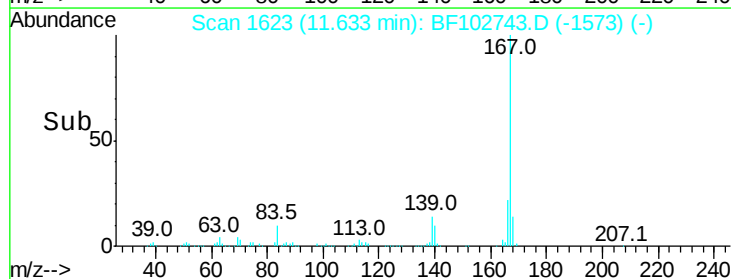
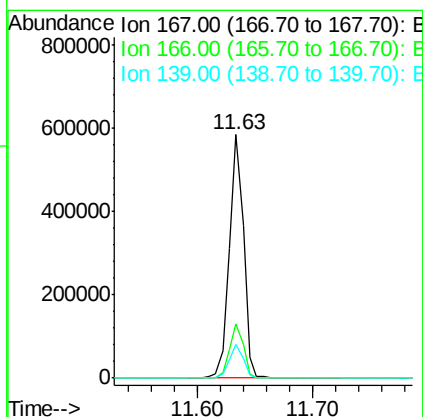
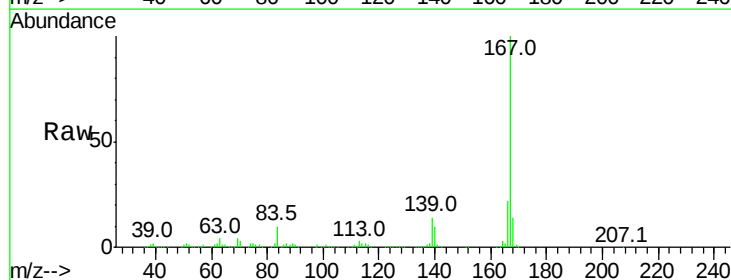
Instrument :
 BNA_F
 ClientSampleId :

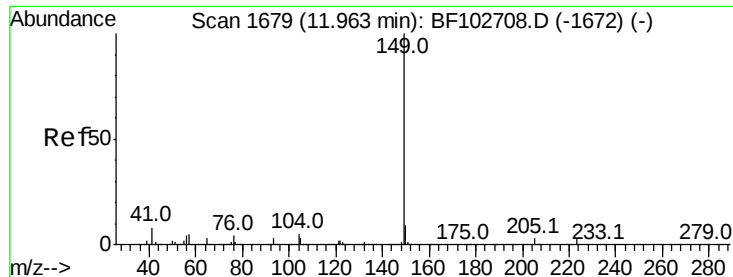
Tot Ion:178 Resp: 1495660
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 14.691 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF102743.D
 Acq: 5 Feb 2018 17:38

Tgt Ion:167 Resp: 498617
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 46.088 ng

RT: 11.97 min Scan# 1680

Delta R.T. 0.00 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Instrument :

BNA_F

ClientSampleId :

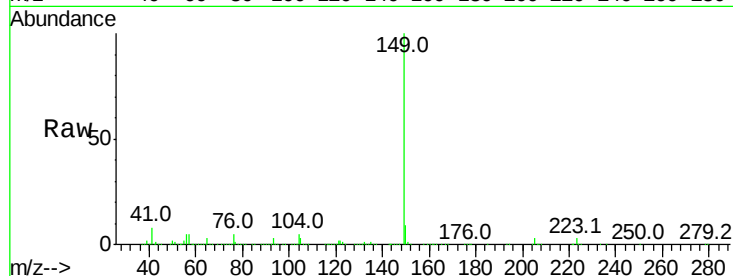
Tot Ion:149 Resp: 1900163

Ion Ratio Lower Upper

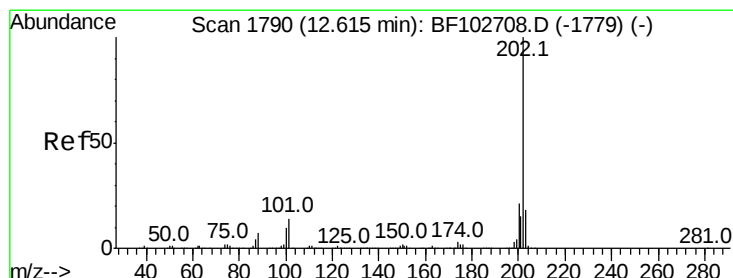
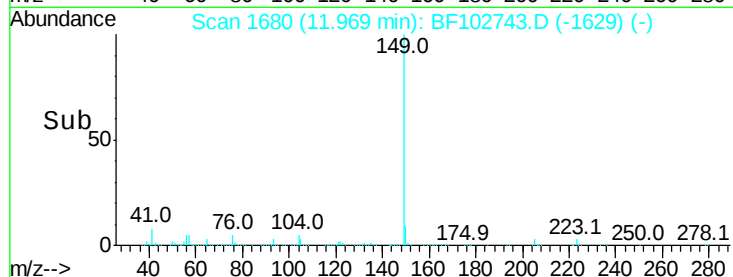
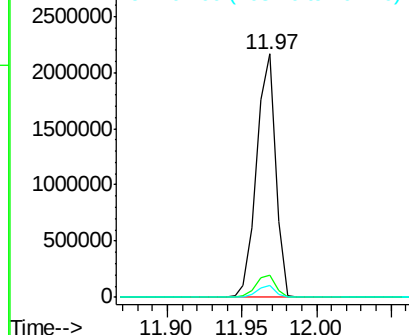
149 100

150 9.4 7.8 11.6

104 4.7 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.662 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

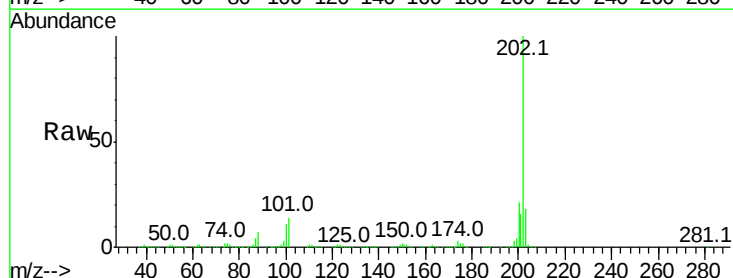
Tgt Ion:202 Resp: 1290693

Ion Ratio Lower Upper

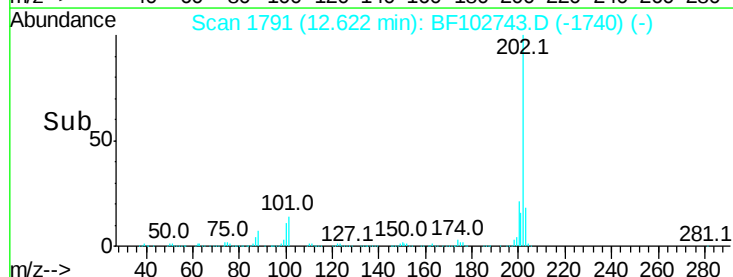
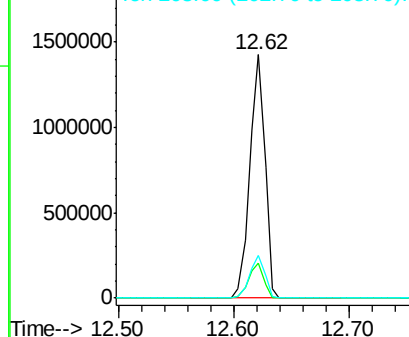
202 100

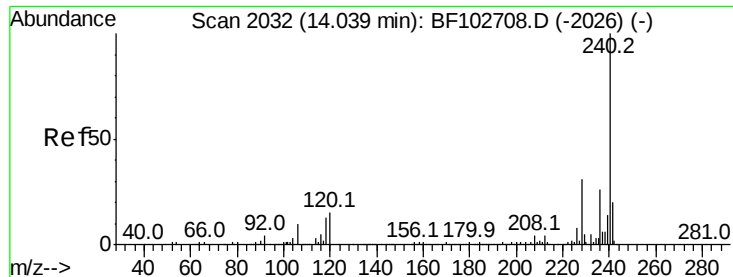
101 14.3 0.0 34.1

203 17.7 0.0 38.1



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Instrument :

BNA_F

ClientSampled :

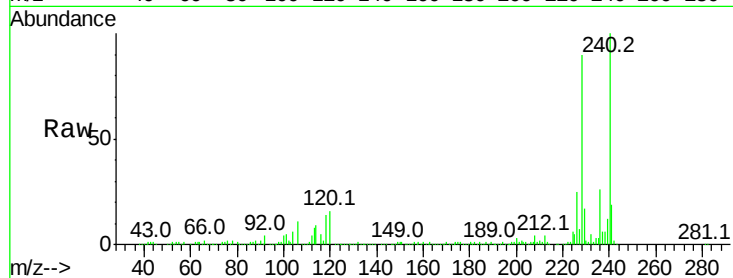
Tot Ion:240 Resp: 353385

Ion Ratio Lower Upper

240 100

120 16.4 9.5 14.3#

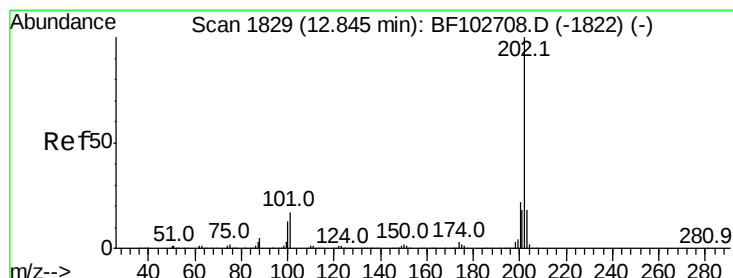
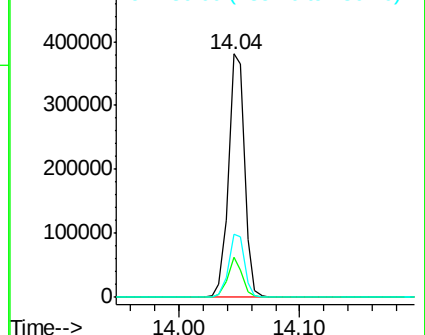
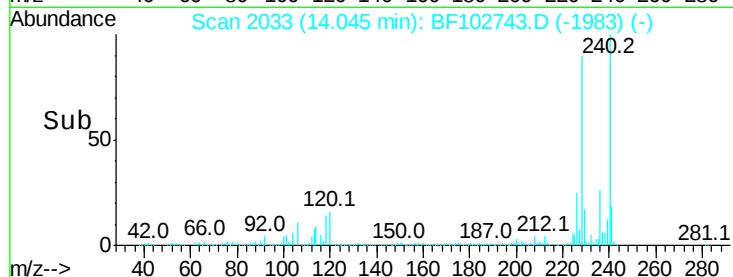
236 25.7 20.7 31.1



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

Pyrene

Concen: 44.415 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

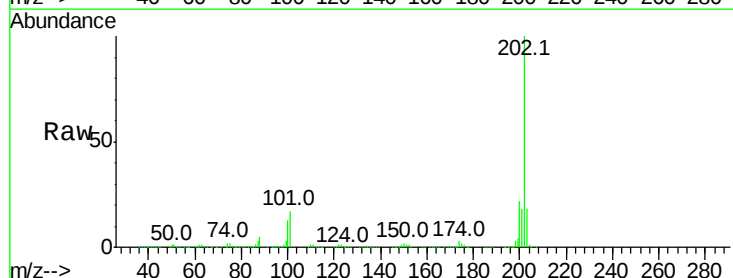
Tgt Ion:202 Resp: 1230780

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

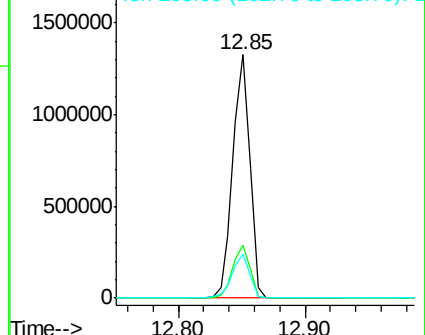
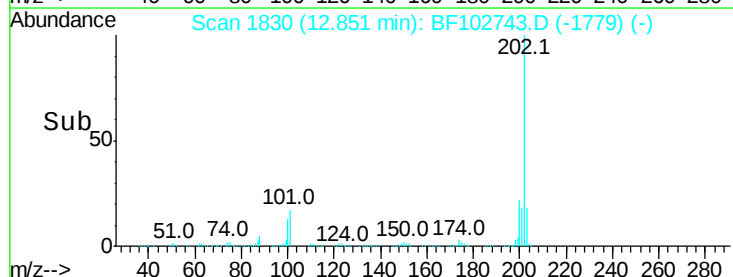
203 18.0 14.3 21.5

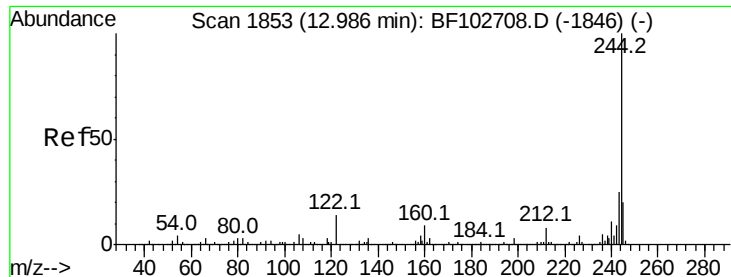


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 106.996 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Instrument :

BNA_F

ClientSampleId :

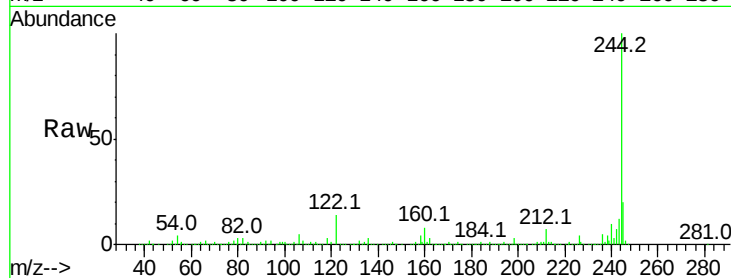
Tot Ion:244 Resp: 1596889

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

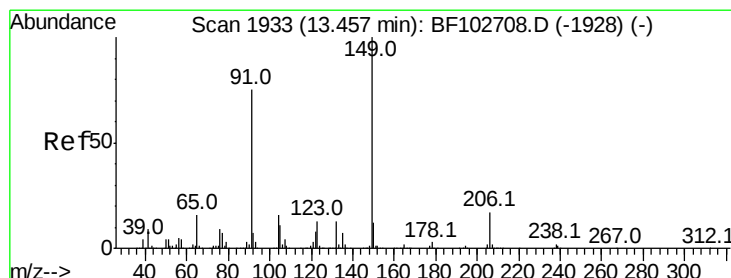
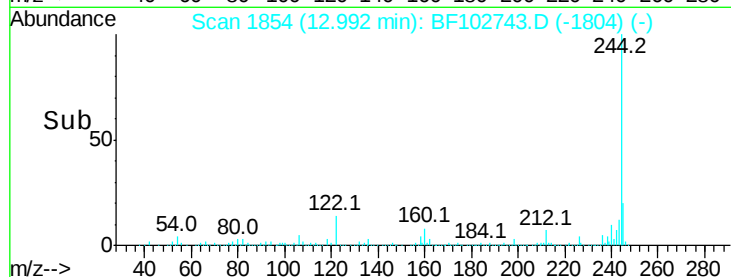
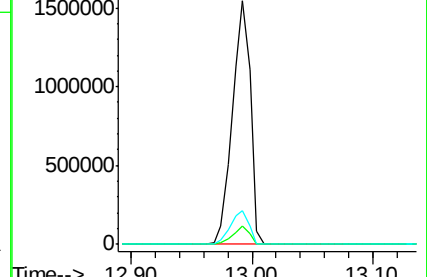
122 14.1 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 51.854 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

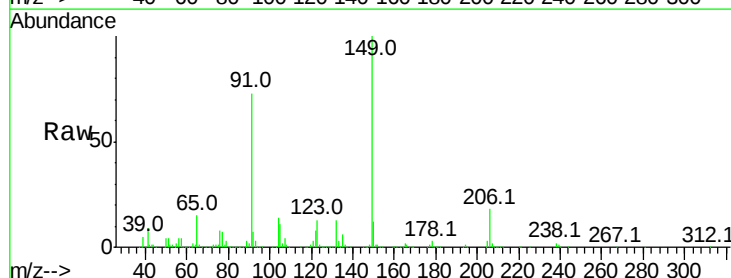
Tgt Ion:149 Resp: 688447

Ion Ratio Lower Upper

149 100

91 72.5 56.8 85.2

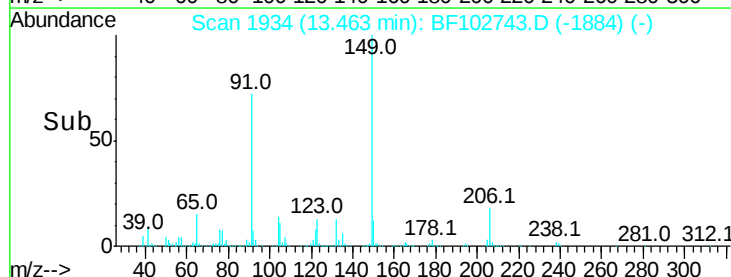
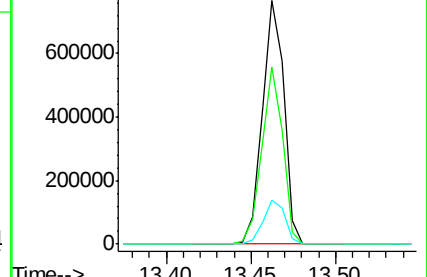
206 17.9 14.1 21.1

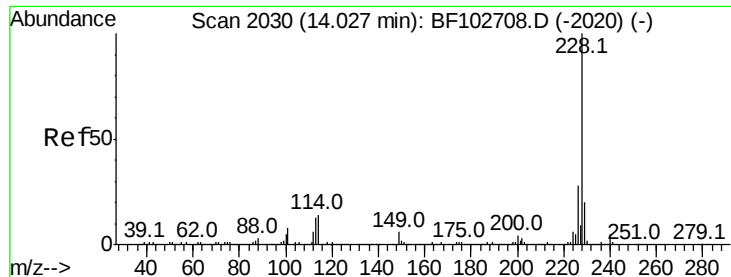


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

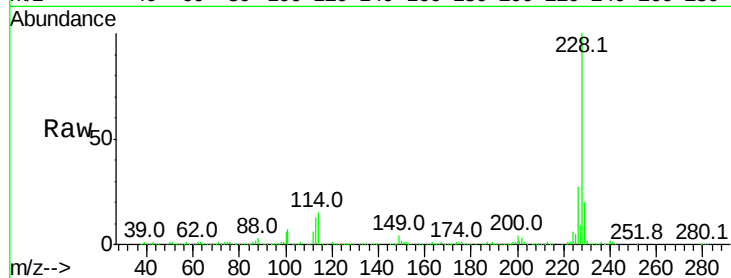




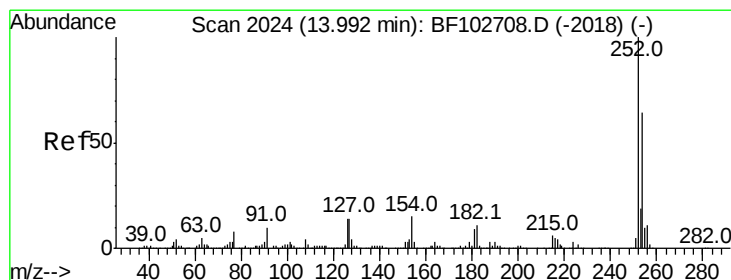
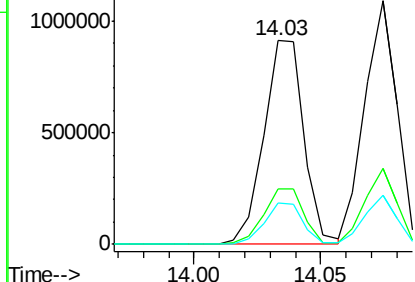
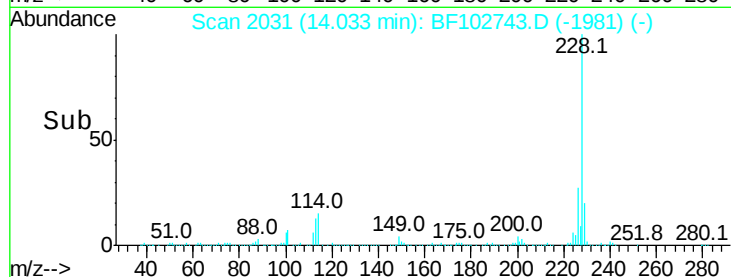
#80
Benzo(a)anthracene
Concen: 45.568 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1012730
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 20.1 15.8 23.6

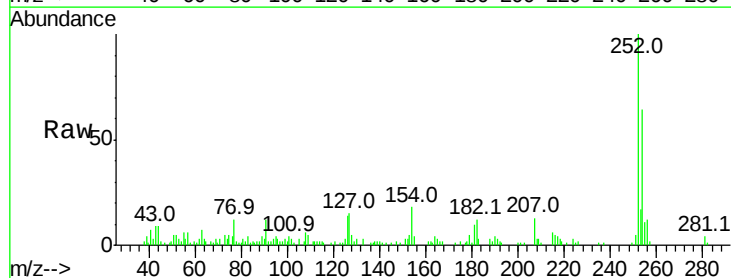


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

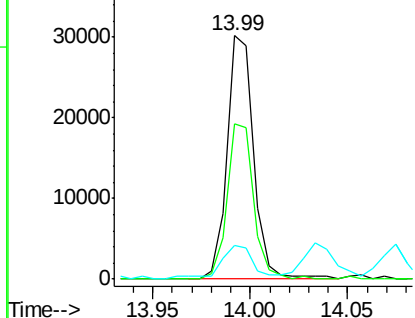
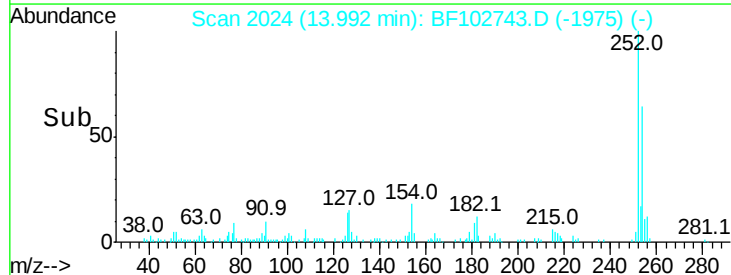


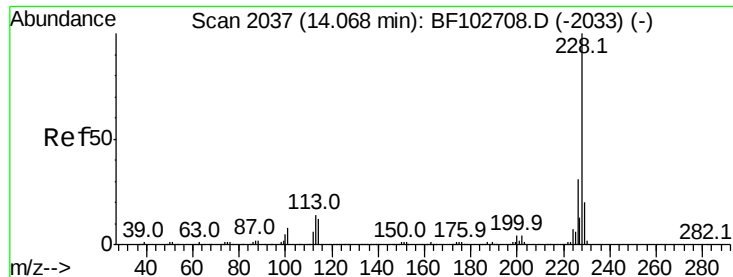
#81
3,3'-Dichlorobenzidine
Concen: 3.461 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Tgt Ion:252 Resp: 28522
Ion Ratio Lower Upper
252 100
254 63.6 50.4 75.6
126 13.6 11.3 16.9



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





#82

Chrysene

Concen: 43.809 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

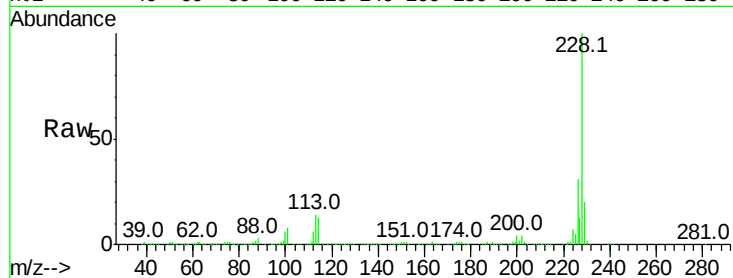
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 981468

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	19.9	16.2	24.4

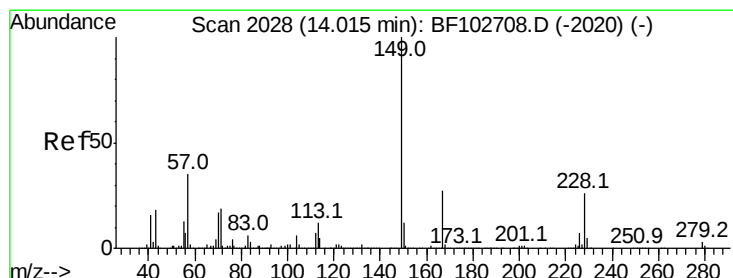
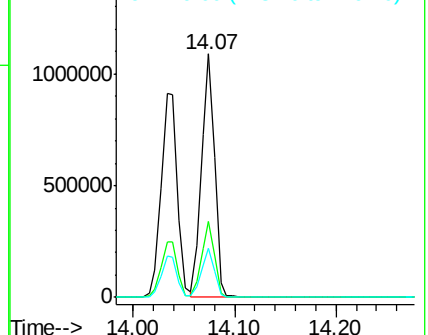
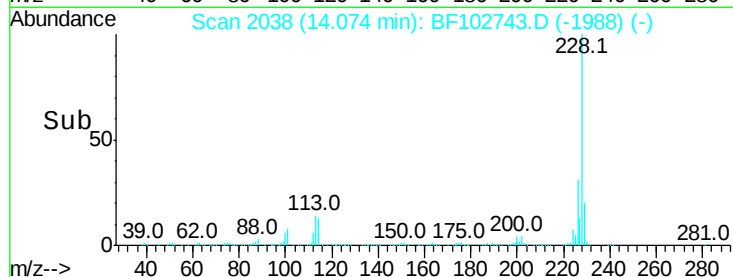


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 54.228 ng

RT: 14.02 min Scan# 2029

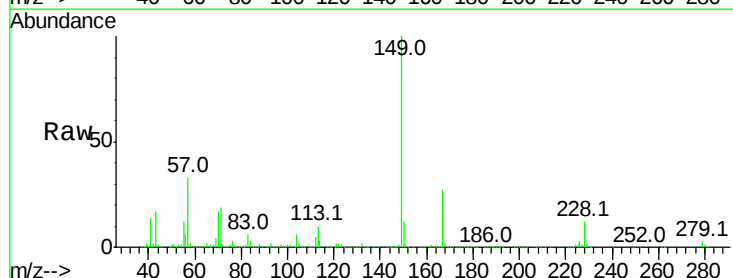
Delta R.T. 0.00 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Tgt Ion:149 Resp: 920547

Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.3	31.9
279	3.3	3.0	4.4

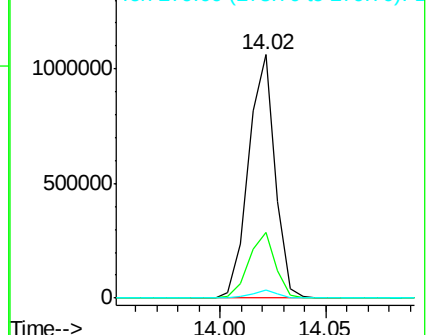
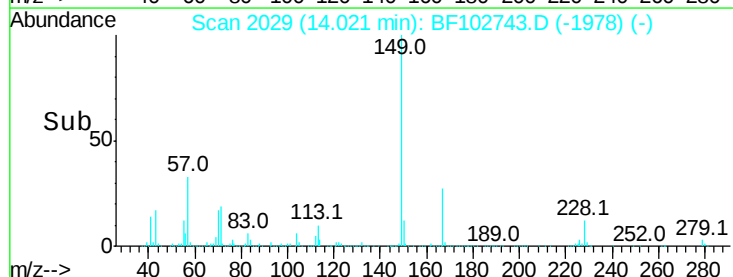


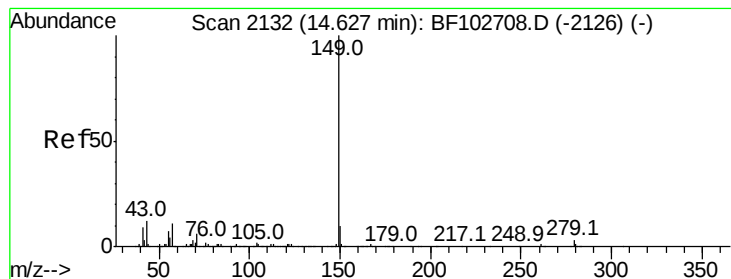
Abundance

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





#84

Di-n-octyl phthalate

Concen: 59.777 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Instrument :

BNA_F

ClientSampleId :

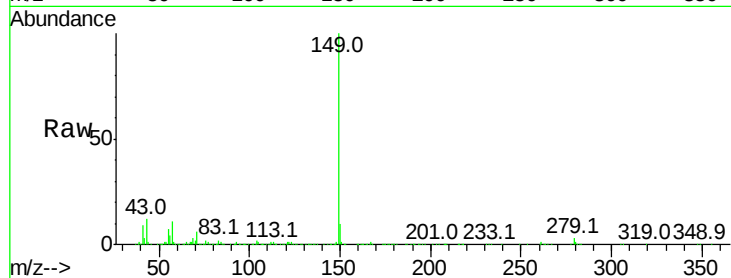
Tot Ion:149 Resp: 1523663

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.3	8.4	12.6

149 100

167 1.5 1.2 1.8

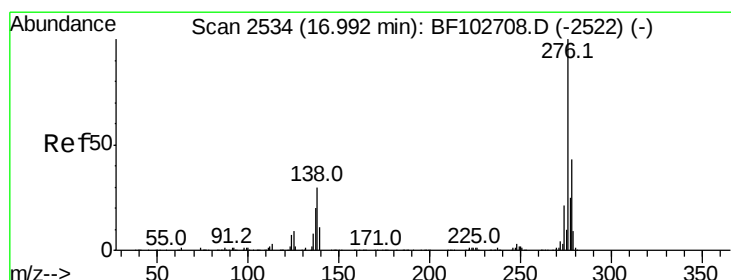
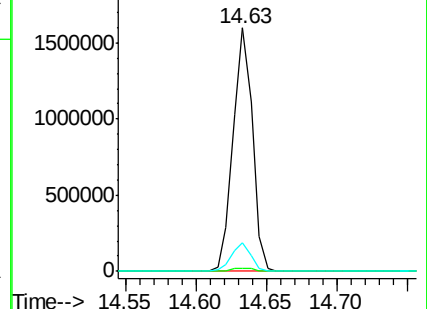
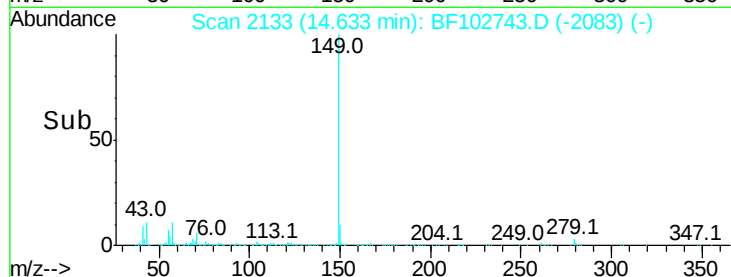
43 11.3 8.4 12.6



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 46.582 ng

RT: 17.02 min Scan# 2538

Delta R.T. 0.00 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

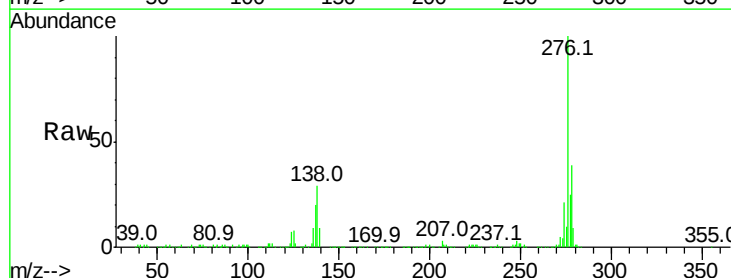
Tgt Ion:276 Resp: 865547

Ion	Ratio	Lower	Upper
276	100		
138	32.9	25.0	37.6
277	25.4	20.1	30.1

276 100

138 32.9 25.0 37.6

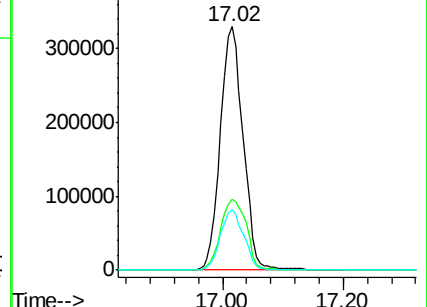
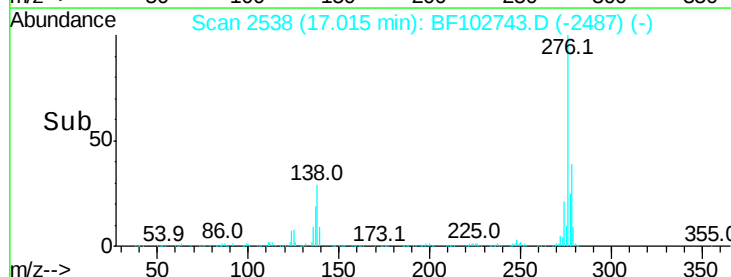
277 25.4 20.1 30.1

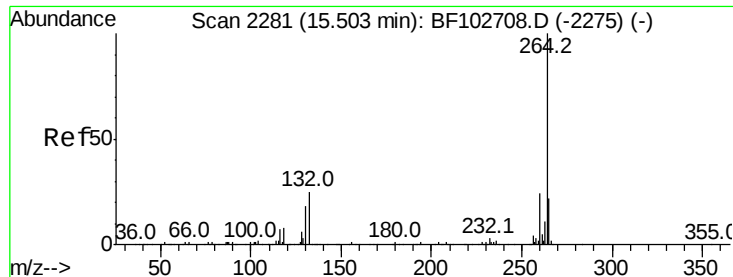


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Instrument :

BNA_F

ClientSampleId :

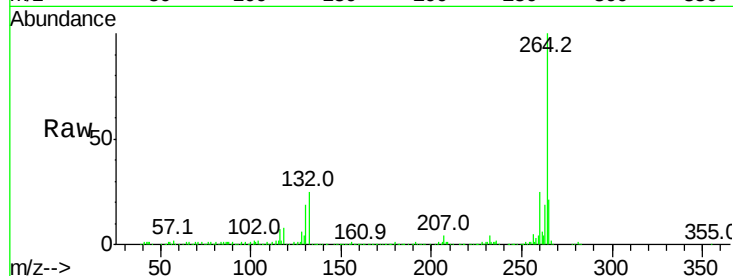
Tot Ion:264 Resp: 304199

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

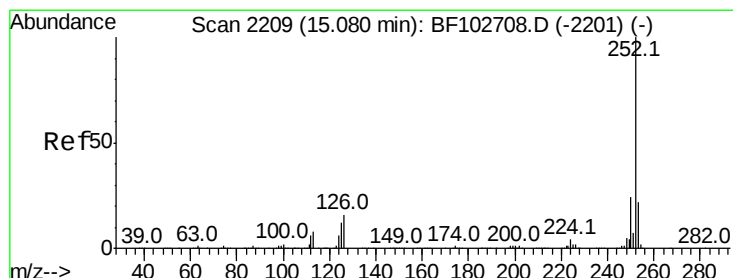
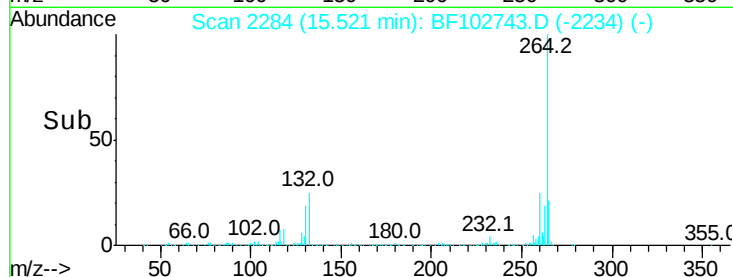
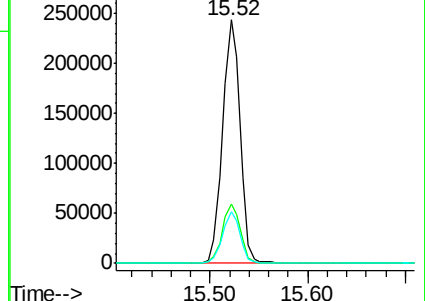
265 21.0 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 51.529 ng

RT: 15.09 min Scan# 2211

Delta R.T. 0.00 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

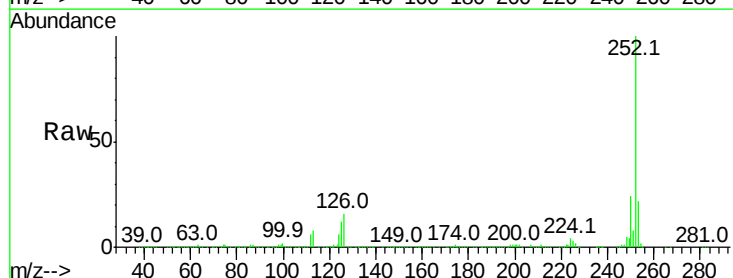
Tgt Ion:252 Resp: 1016265

Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.6

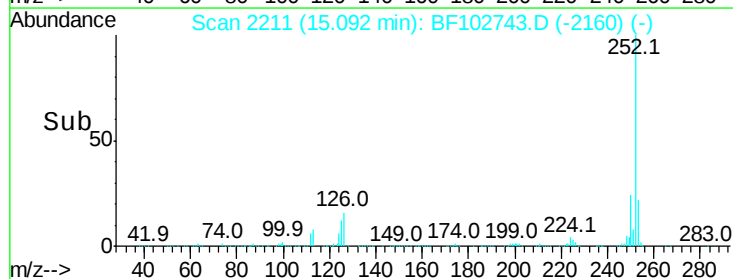
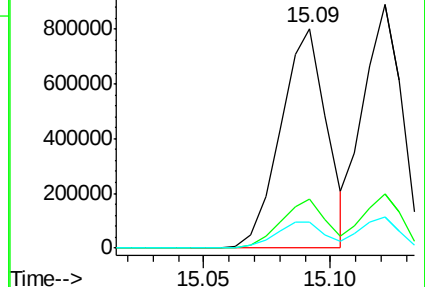
125 12.1 9.0 13.6

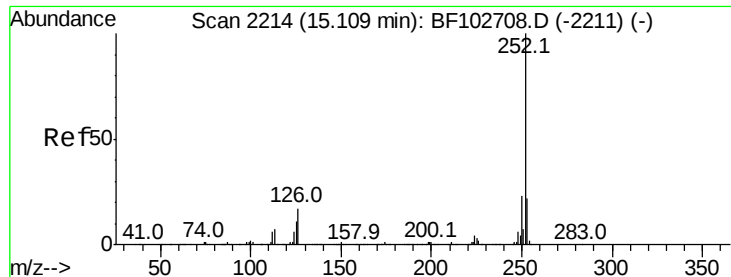


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

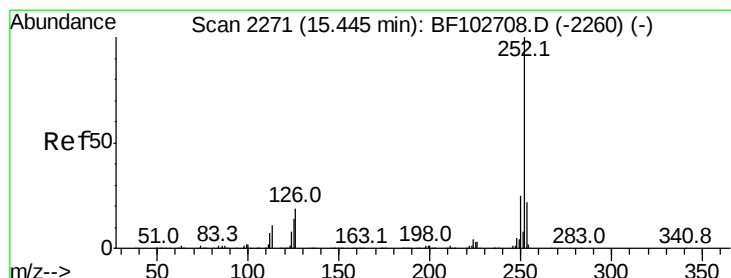
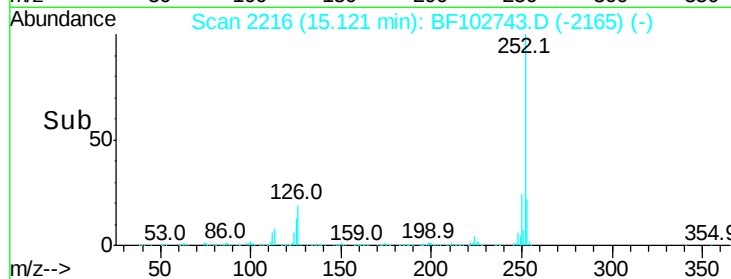
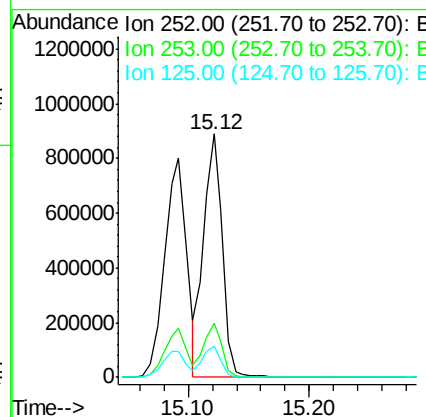
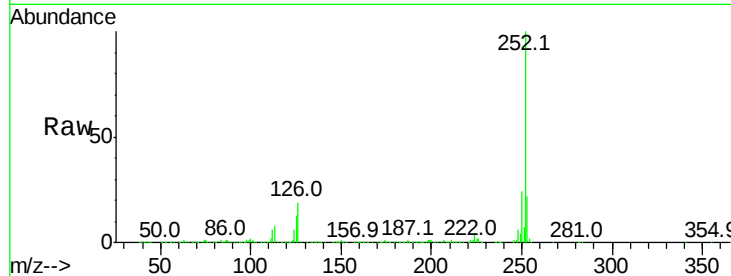




#88
Benzo(k)fluoranthene
Concen: 50.628 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

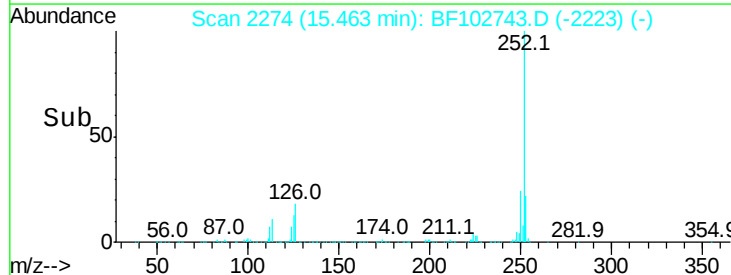
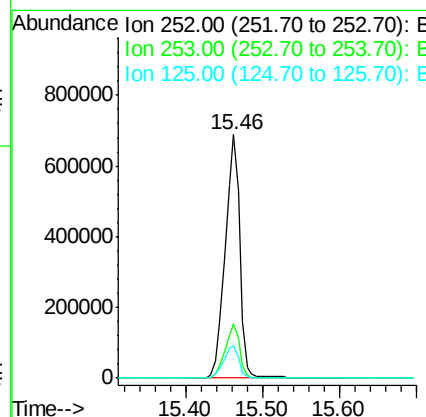
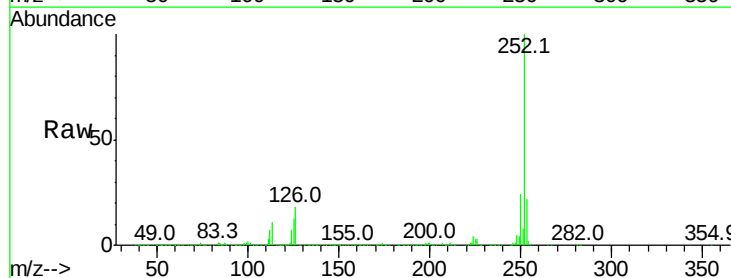
Instrument :
BNA_F
ClientSampled :

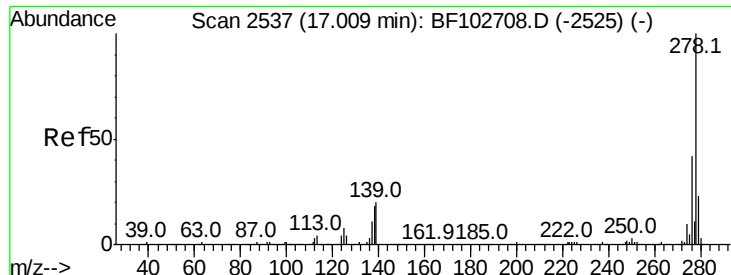
Tot Ion:252 Resp: 954052
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 12.6 10.2 15.2



#89
Benzo(a)pyrene
Concen: 50.774 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Tgt Ion:252 Resp: 901361
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 13.4 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 52.300 ng

RT: 17.04 min Scan# 2542

Delta R.T. 0.00 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Instrument :

BNA_F

ClientSampleId :

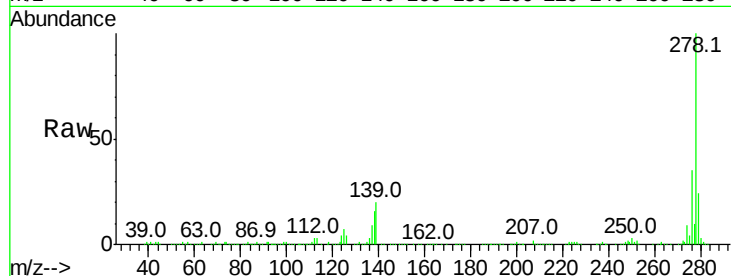
Tot Ion:278 Resp: 753597

Ion Ratio Lower Upper

278 100

139 20.2 15.9 23.9

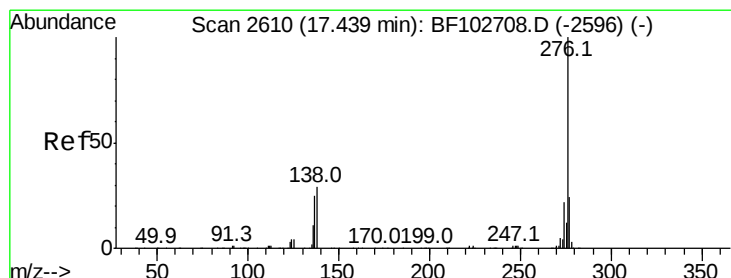
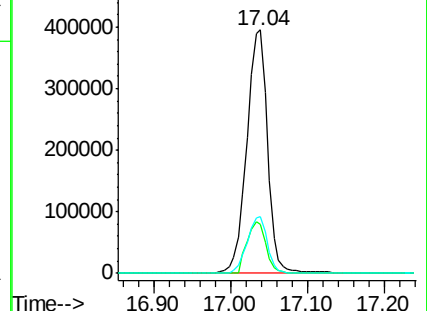
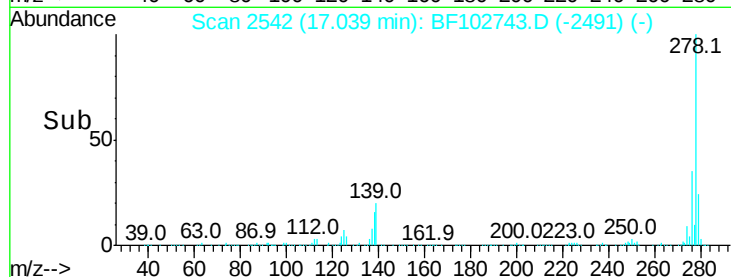
279 23.5 19.0 28.4



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



#91

Benzo(g,h,i)perylene

Concen: 48.972 ng

RT: 17.47 min Scan# 2615

Delta R.T. -0.01 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

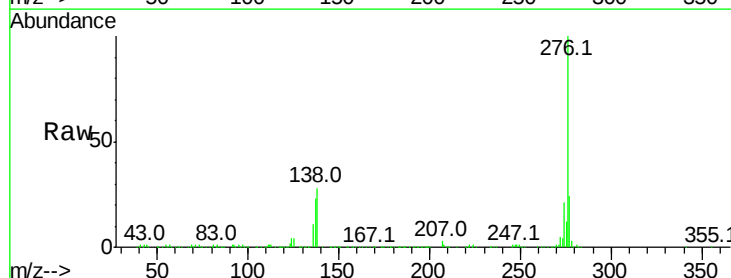
Tgt Ion:276 Resp: 690678

Ion Ratio Lower Upper

276 100

277 24.0 17.9 26.9

138 28.3 21.8 32.8



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

