

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
 Data File : BF102978.D
 Acq On : 14 Feb 2018 10:12
 Operator : SJ/JU
 Sample : PB106515BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 14 12:38:18 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 00:38:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	170274	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	722864	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	332818	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	601649	20.00	ng	0.00
75) Chrysene-d12	14.04	240	399759	20.00	ng	0.00
86) Perylene-d12	15.52	264	328917	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	1280010	114.16	ng	0.02
7) Phenol-d6	6.52	99	1580695	117.09	ng	0.02
23) Nitrobenzene-d5	7.45	82	1025062	98.37	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	351447	131.20	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1655515	82.54	ng	0.00
78) Terphenyl-d14	12.99	244	1577133	93.41	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.70	88	156967	28.344	ng	88
4) n-Nitrosodimethylamine	3.42	42	221249	33.797	ng	99
6) Aniline	6.54	93	50531	2.535	ng	# 90
8) 2-Chlorophenol	6.66	128	389041	33.704	ng	92
9) Benzaldehyde	6.43	77	106968	10.670	ng	97
10) Phenol	6.53	94	485473	33.555	ng	99
11) bis(2-Chloroethyl)ether	6.61	93	387622	32.198	ng	90
12) 1,3-Dichlorobenzene	6.82	146	410920	30.742	ng	98
13) 1,4-Dichlorobenzene	6.89	146	415000	31.167	ng	99
14) 1,2-Dichlorobenzene	7.05	146	374910	30.230	ng	99
15) Benzyl Alcohol	7.02	79	358608	34.551	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	695686	30.420	ng	98
17) 2-Methylphenol	7.13	107	340219	31.954	ng	99
18) Hexachloroethane	7.39	117	152133	33.319	ng	93
19) n-Nitroso-di-n-propylamine	7.29	70	276077	31.017	ng	94
20) 3+4-Methylphenols	7.28	107	403829	30.756	ng	# 78
22) Acetophenone	7.29	105	538385	30.436	ng	# 91
24) Nitrobenzene	7.46	77	433895	35.383	ng	96
25) Isophorone	7.70	82	813481	33.903	ng	99
26) 2-Nitrophenol	7.77	139	225590	45.377	ng	98
27) 2,4-Dimethylphenol	7.81	122	362336	35.743	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	511698	35.999	ng	99
29) 2,4-Dichlorophenol	8.02	162	331003	35.919	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	322081	30.895	ng	98
31) Naphthalene	8.18	128	1123360	31.807	ng	100
32) Benzoic acid	7.81	122	362336	49.843	ng	# 14
33) 4-Chloroaniline	8.23	127	132176	8.687	ng	98
34) Hexachlorobutadiene	8.29	225	160503	30.045	ng	99
35) Caprolactam	8.60	113	14385	4.495	ng	# 80
36) 4-Chloro-3-methylphenol	8.70	107	374925	36.210	ng	98
37) 2-Methylnaphthalene	8.87	142	750624	32.462	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	287963	31.777	ng	98
40) Hexachlorocyclopentadiene	9.02	237	263933	61.267	ng	99
42) 2,4,6-Trichlorophenol	9.15	196	217962	36.619	ng	99

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 ALS Vial : 3 Sample Multiplier: 1

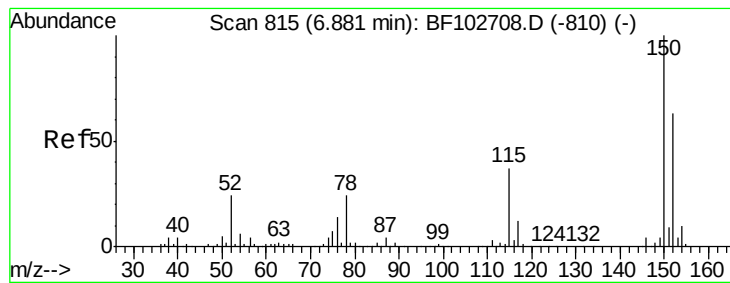
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 14 12:38:18 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

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

43) 2,4,5-Trichlorophenol	9.19	196	232202	34.612	ng	97
45) 1,1'-Biphenyl	9.33	154	880879	31.424	ng	98
46) 2-Chloronaphthalene	9.36	162	698175	31.636	ng	99
47) 2-Nitroaniline	9.46	65	268392	40.033	ng	88
48) Acenaphthylene	9.78	152	1079141	31.483	ng	99
49) Dimethylphthalate	9.63	163	913425	35.199	ng	100
50) 2,6-Dinitrotoluene	9.70	165	188827	38.246	ng	93
51) Acenaphthene	9.95	154	630130	30.740	ng	99
52) 3-Nitroaniline	9.87	138	174897	28.790	ng	98
53) 2,4-Dinitrophenol	9.97	184	110241	71.714	ng	# 17
54) Dibenzofuran	10.12	168	958065	33.165	ng	97
55) 4-Nitrophenol	10.03	139	333730	67.511	ng	92
56) 2,4-Dinitrotoluene	10.10	165	258205	39.572	ng	97
57) Fluorene	10.46	166	726808	34.580	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	176744	38.012	ng	98
59) Diethylphthalate	10.33	149	871107	33.996	ng	99
60) 4-Chlorophenyl-phenylether	10.46	204	322779	34.715	ng	96
61) 4-Nitroaniline	10.49	138	191624	33.139	ng	93
62) Azobenzene	10.62	77	860799	33.627	ng	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	100224	42.089	ng	93
65) n-Nitrosodiphenylamine	10.57	169	659529	31.078	ng	100
66) 4-Bromophenyl-phenylether	10.95	248	204685	32.161	ng	94
67) Hexachlorobenzene	11.02	284	215923	30.754	ng	91
68) Atrazine	11.10	200	192210	30.701	ng	97
69) Pentachlorophenol	11.21	266	207192	50.271	ng	100
70) Phenanthrene	11.43	178	1053697	31.446	ng	100
71) Anthracene	11.48	178	1104387	32.405	ng	99
72) Carbazole	11.63	167	1031681	30.899	ng	99
73) Di-n-butylphthalate	11.96	149	1374093	33.880	ng	99
74) Fluoranthene	12.62	202	1079055	32.007	ng	98
77) Pyrene	12.85	202	1102915	35.184	ng	100
79) Butylbenzylphthalate	13.46	149	574459	38.518	ng	98
80) Benzo(a)anthracene	14.03	228	857629	34.113	ng	100
81) 3,3'-Dichlorobenzidine	13.99	252	138789	14.889	ng	99
82) Chrysene	14.07	228	808926	31.918	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	802226	41.776	ng	99
84) Di-n-octyl phthalate	14.62	149	1189342	41.248	ng	99
85) Indeno(1,2,3-cd)pyrene	17.02	276	738004	35.111	ng	98
87) Benzo(b)fluoranthene	15.09	252	682382	31.999	ng	96
88) Benzo(k)fluoranthene	15.12	252	680191	33.382	ng	98
89) Benzo(a)pyrene	15.46	252	649245	33.824	ng	97
90) Dibenzo(a,h)anthracene	17.04	278	612548	39.316	ng	99
91) Benzo(g,h,i)perylene	17.48	276	640562	42.005	ng	98

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

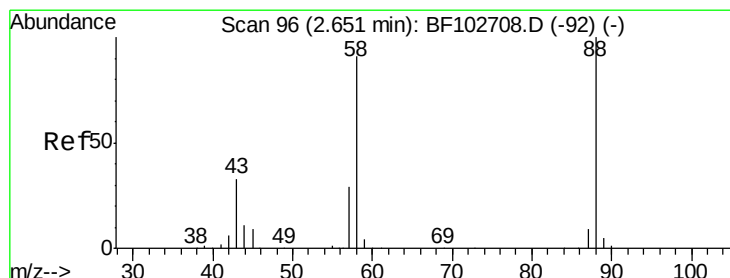
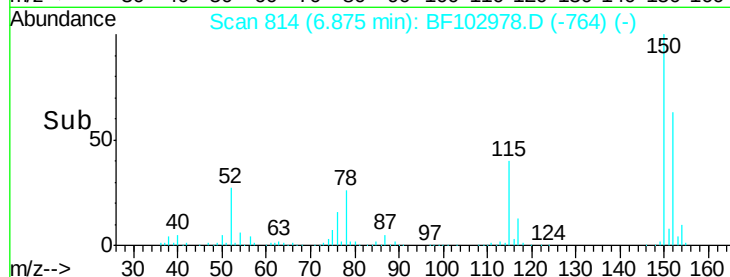
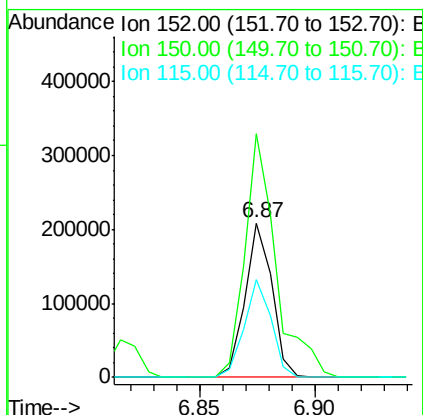
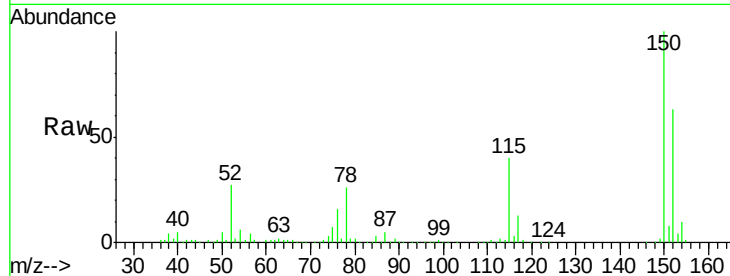


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Instrument :
BNA_F
ClientSampled :

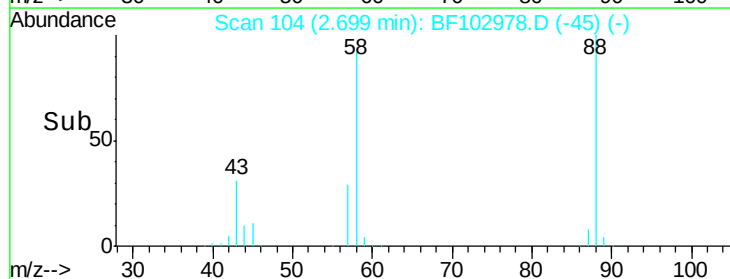
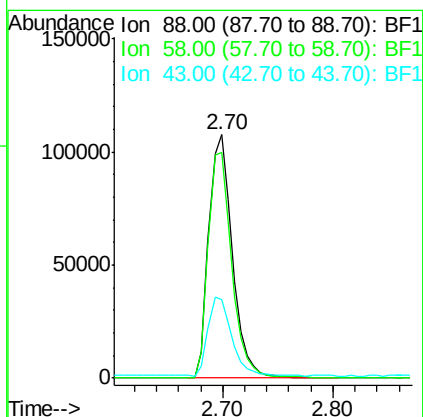
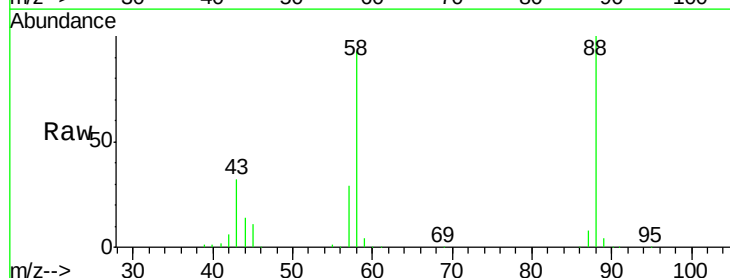
Tot Ion:152 Resp: 170274
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 63.1 50.1 75.1

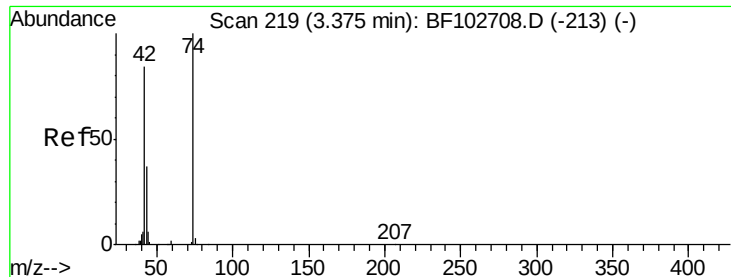


#2

1,4-Dioxane
Concen: 28.344 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.05 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Tgt Ion: 88 Resp: 156967
Ion Ratio Lower Upper
88 100
58 92.7 62.6 93.8
43 31.7 24.6 37.0



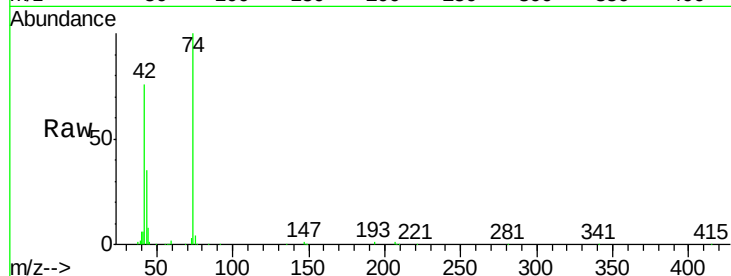


#4

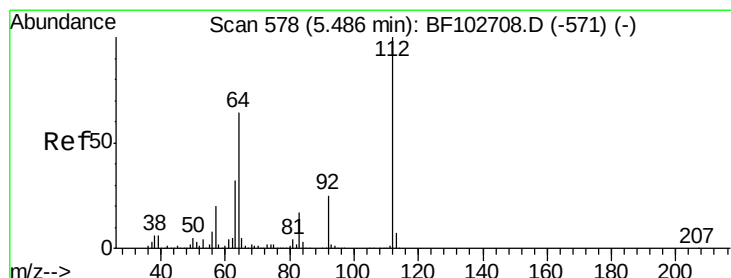
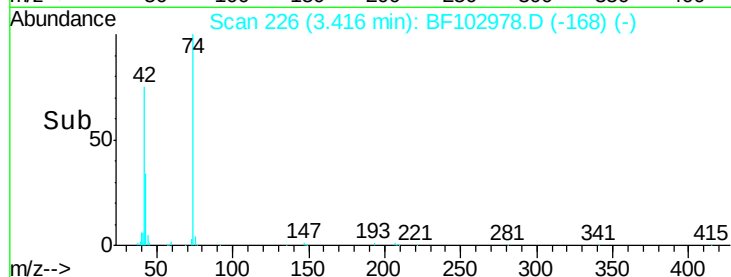
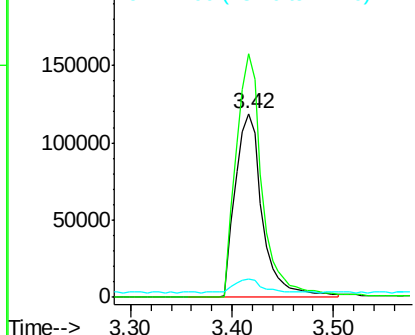
n-Nitrosodimethylamine
 Concen: 33.797 ng
 RT: 3.42 min Scan# 226
 Delta R.T. 0.04 min
 Lab File: BF102978.D
 Acq: 14 Feb 2018 10:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 42 Resp: 221249
 Ion Ratio Lower Upper
 42 100
 74 132.3 104.9 157.3
 44 10.0 6.9 10.3



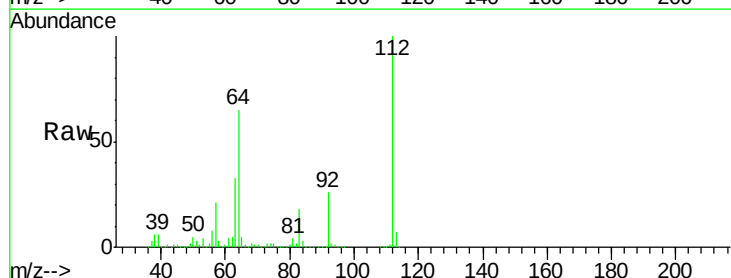
Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1



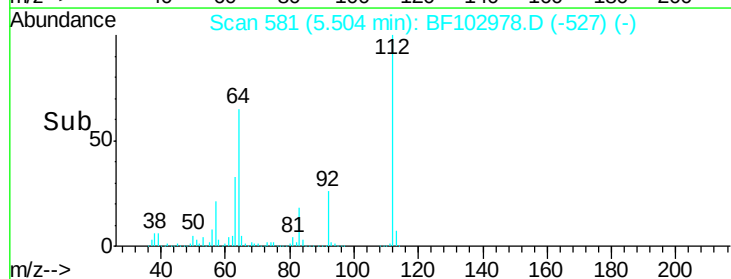
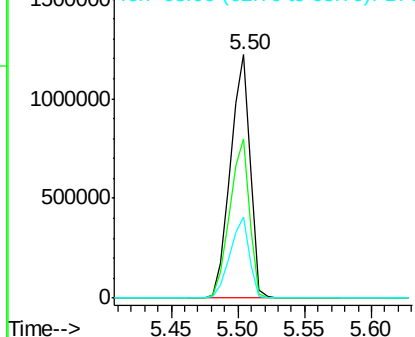
#5

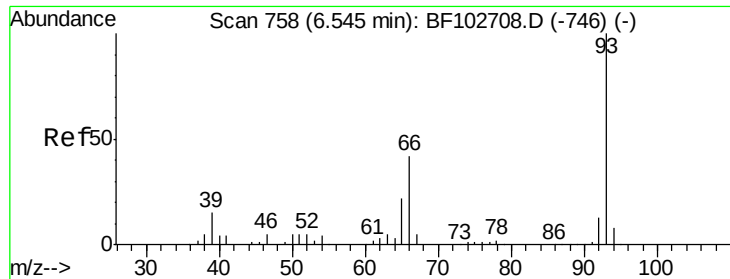
2-Fluorophenol
 Concen: 114.164 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.02 min
 Lab File: BF102978.D
 Acq: 14 Feb 2018 10:12

Tgt Ion: 112 Resp: 1280010
 Ion Ratio Lower Upper
 112 100
 64 65.5 47.9 71.9
 63 33.3 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: 2.535 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

Instrument :

BNA_F

ClientSampled :

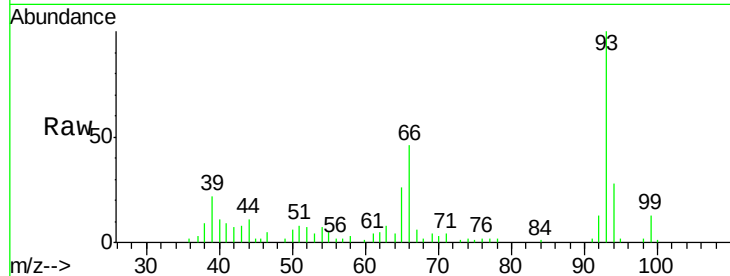
Tot Ion: 93 Resp: 50531

Ion Ratio Lower Upper

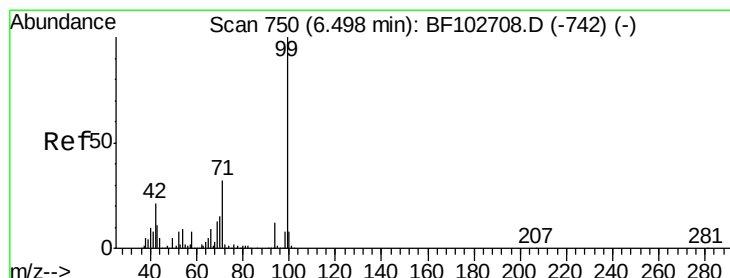
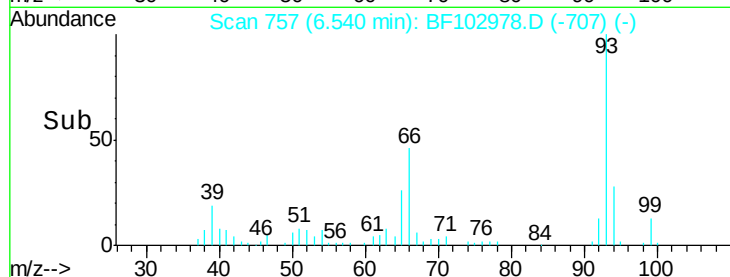
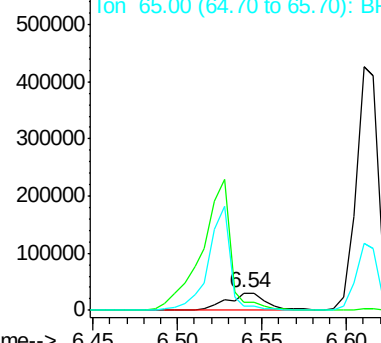
93 100

66 46.1 32.2 48.2

65 26.1 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: 117.088 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.02 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

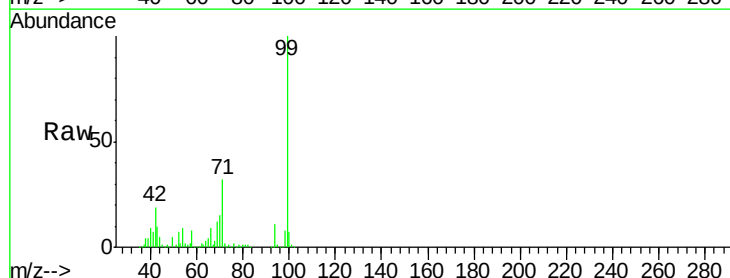
Tgt Ion: 99 Resp: 1580695

Ion Ratio Lower Upper

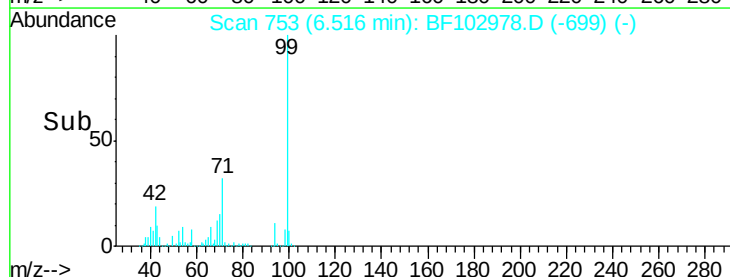
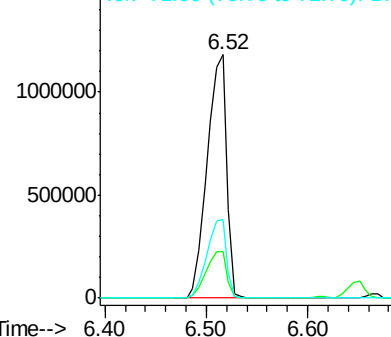
99 100

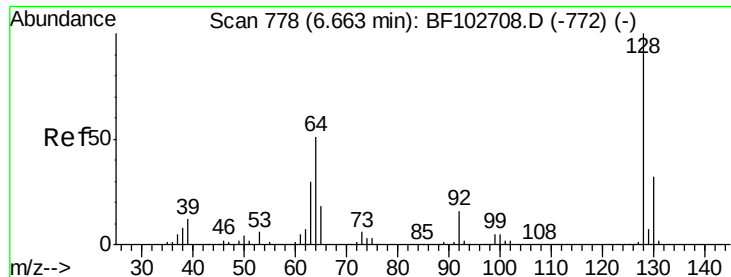
42 19.1 14.5 21.7

71 32.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1





#8

2-Chlorophenol

Concen: 33.704 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

Instrument :

BNA_F

ClientSampled :

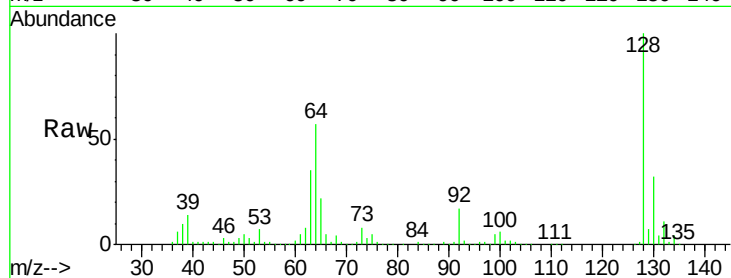
Tot Ion:128 Resp: 389041

Ion Ratio Lower Upper

128 100

130 32.0 13.0 53.0

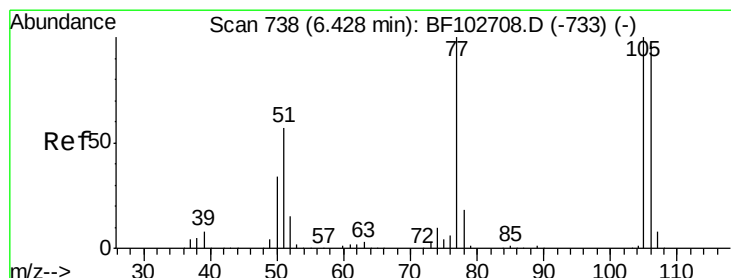
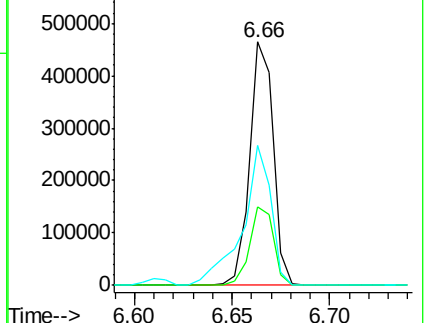
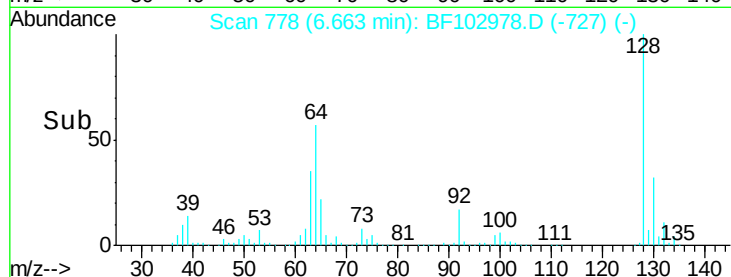
64 57.4 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1



#9

Benzaldehyde

Concen: 10.670 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

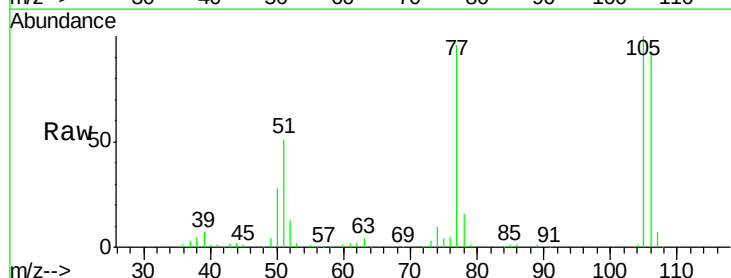
Tgt Ion: 77 Resp: 106968

Ion Ratio Lower Upper

77 100

105 103.8 81.1 121.1

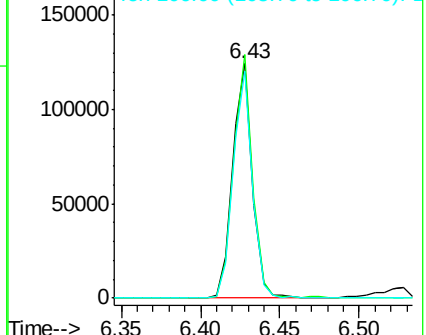
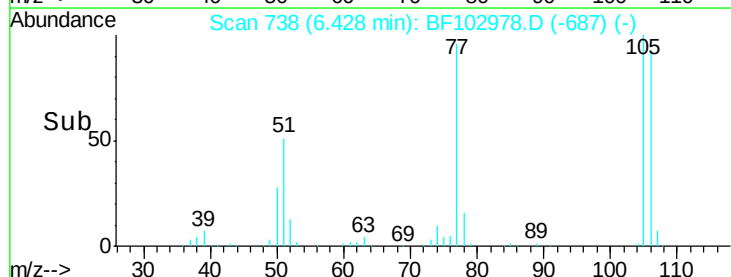
106 96.9 74.5 114.5

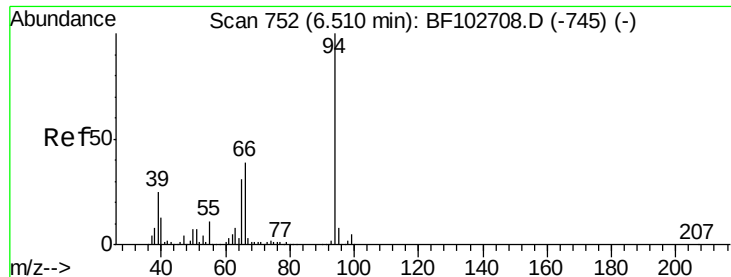


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

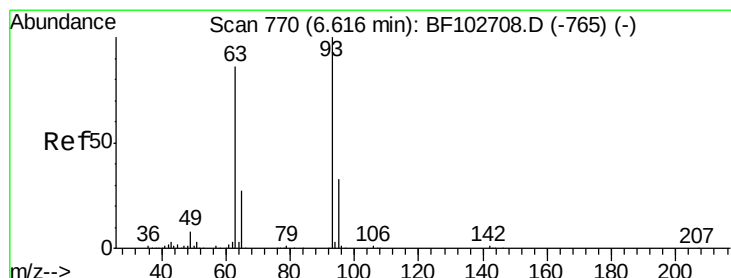
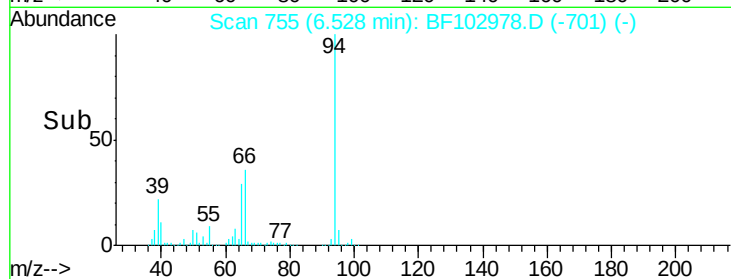
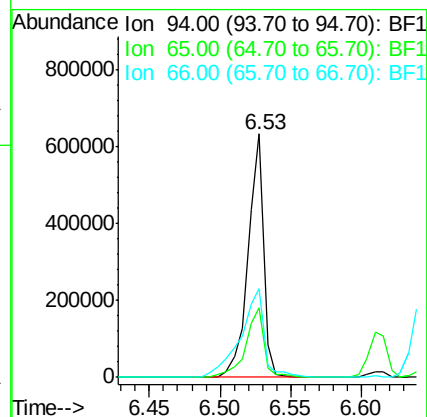
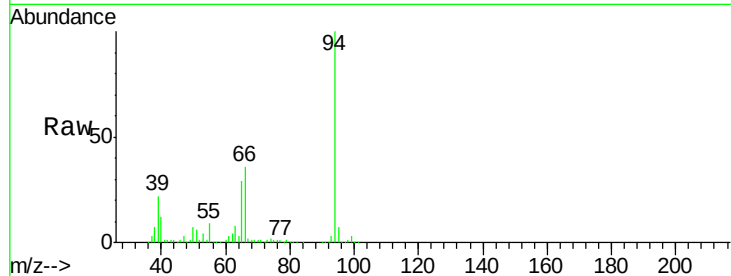




#10
Phenol
Concen: 33.555 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.02 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

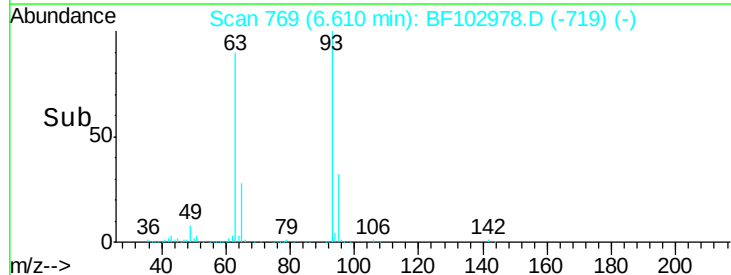
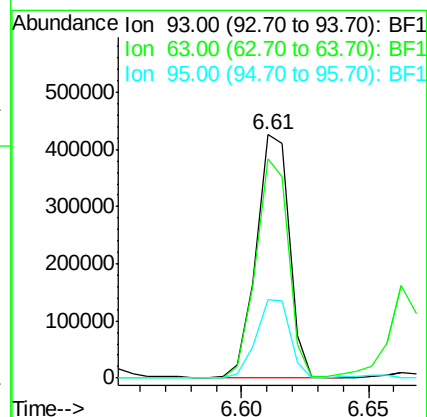
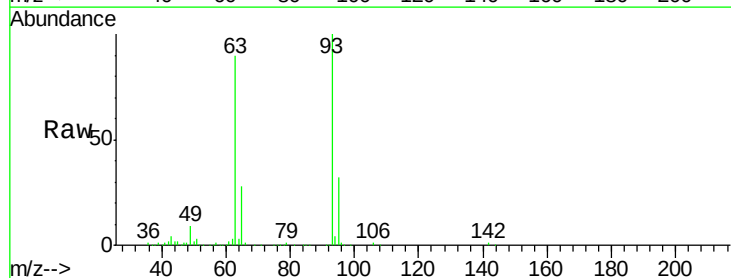
Instrument :
BNA_F
ClientSampleId :

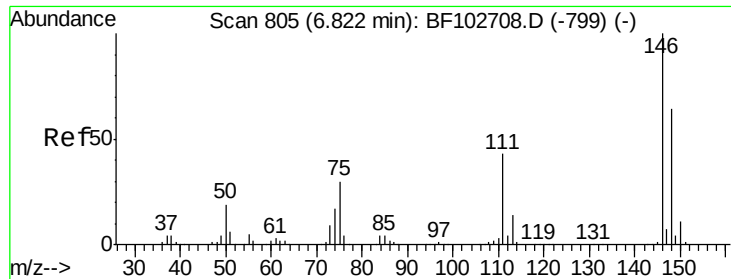
Tot Ion	Ratio	Lower	Upper
94	100		
65	28.8	7.9	47.9
66	36.4	16.2	56.2



#11
bis(2-Chloroethyl)ether
Concen: 32.198 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Tgt Ion	Ratio	Lower	Upper
93	100		
63	90.1	58.6	98.6
95	32.3	11.8	51.8

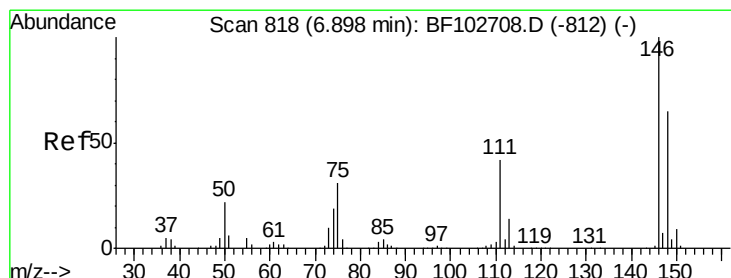
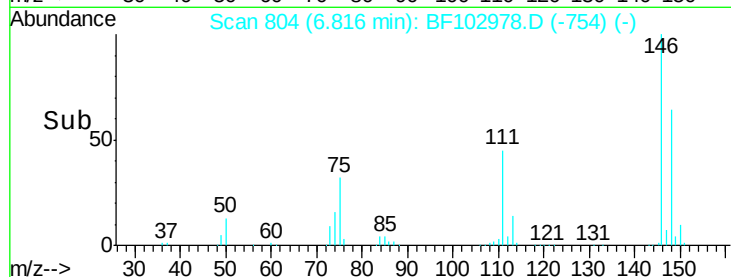
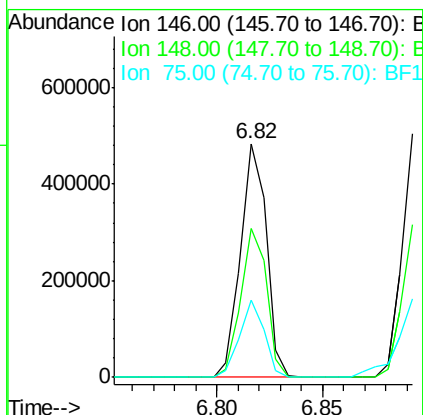
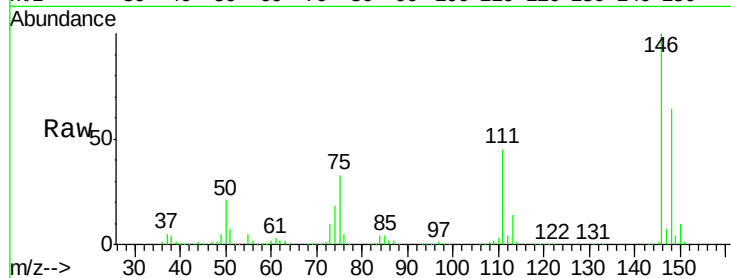




#12
 1,3-Dichlorobenzene
 Concen: 30.742 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF102978.D
 Acq: 14 Feb 2018 10:12

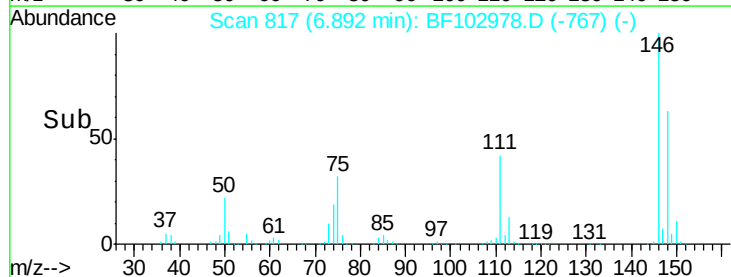
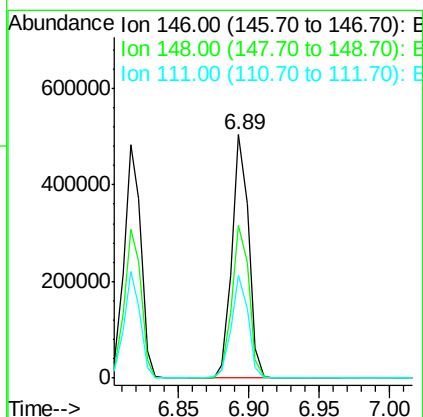
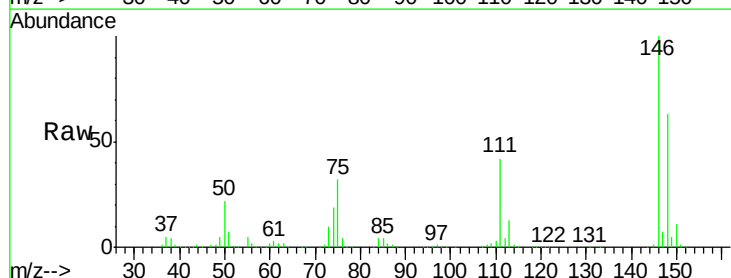
Instrument :
 BNA_F
 ClientSampleId :

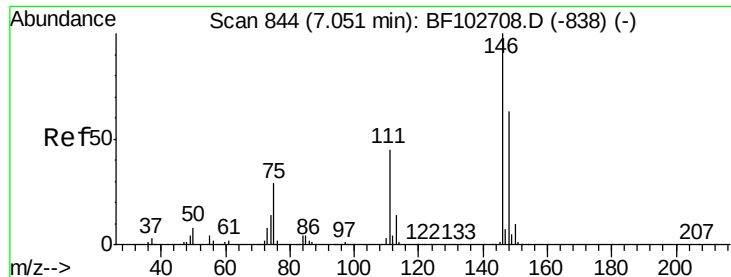
Tot Ion:146 Resp: 410920
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.8 77.8
 75 32.8 24.2 36.4



#13
 1,4-Dichlorobenzene
 Concen: 31.167 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF102978.D
 Acq: 14 Feb 2018 10:12

Tgt Ion:146 Resp: 415000
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.8 76.2
 111 42.3 34.2 51.2

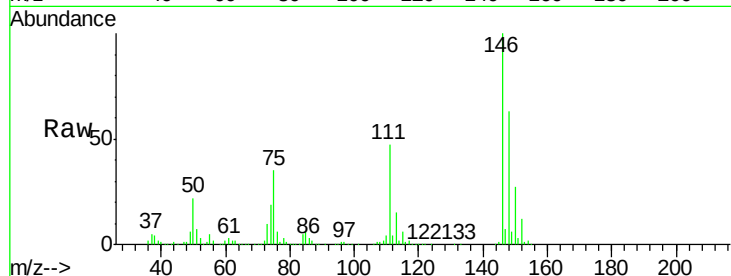




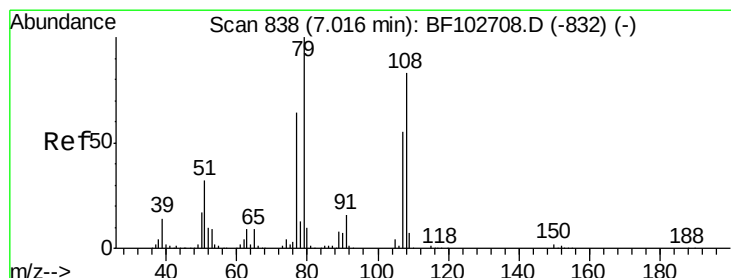
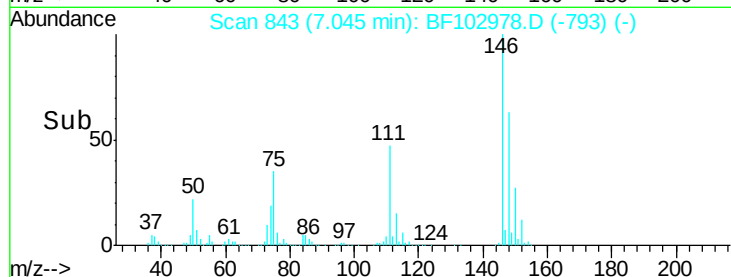
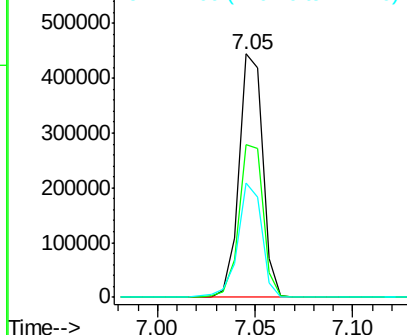
#14
 1,2-Dichlorobenzene
 Concen: 30.230 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF102978.D
 Acq: 14 Feb 2018 10:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 374910
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.6 75.8
 111 46.7 36.0 54.0

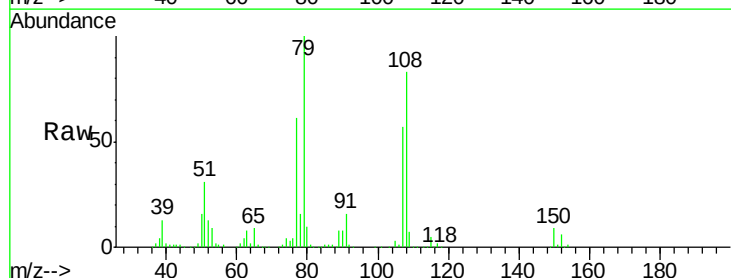


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

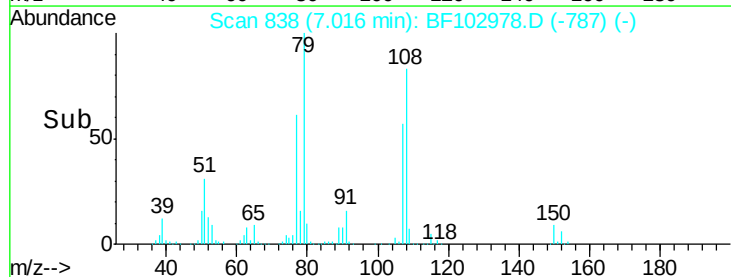
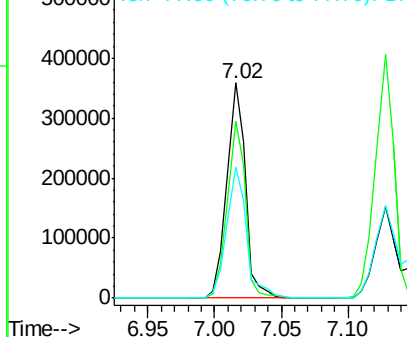


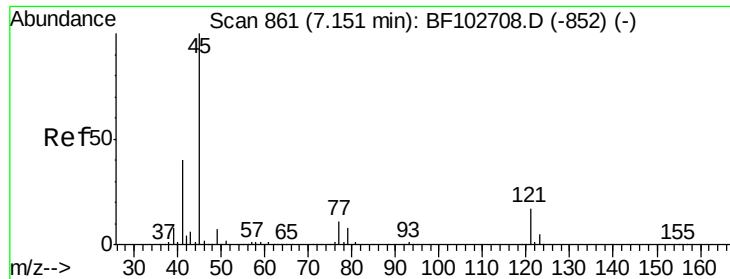
#15
 Benzyl Alcohol
 Concen: 34.551 ng
 RT: 7.02 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF102978.D
 Acq: 14 Feb 2018 10:12

Tgt Ion: 79 Resp: 358608
 Ion Ratio Lower Upper
 79 100
 108 82.6 65.1 97.7
 77 61.1 50.6 75.8



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

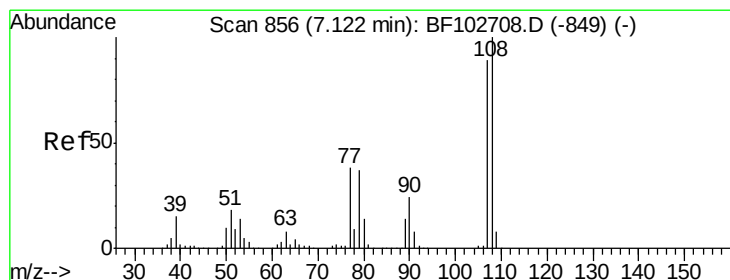
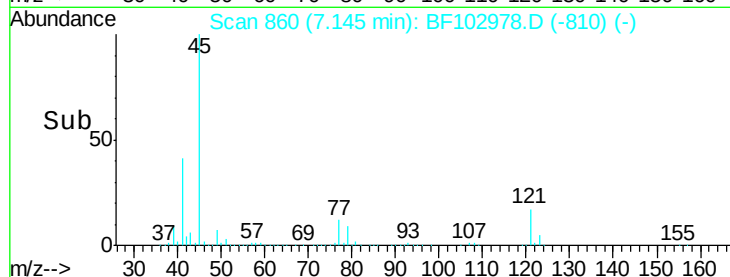
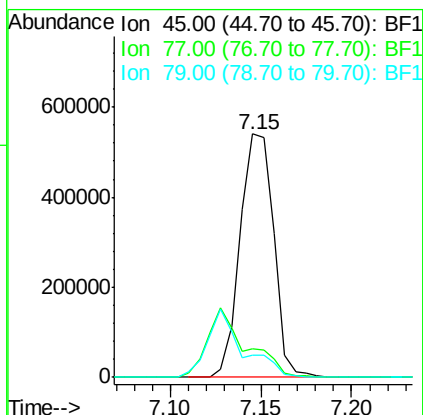
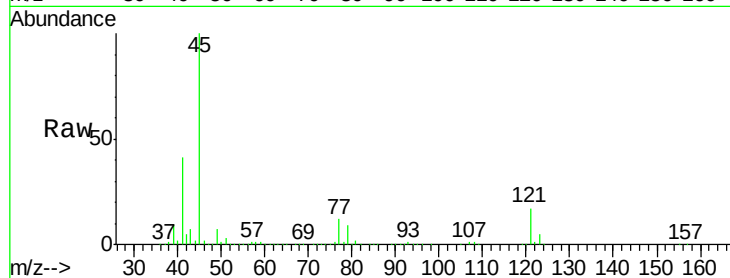




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 30.420 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

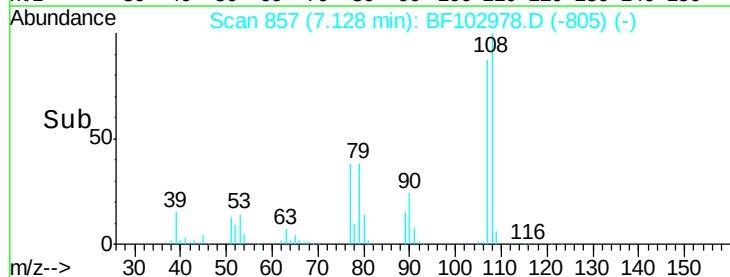
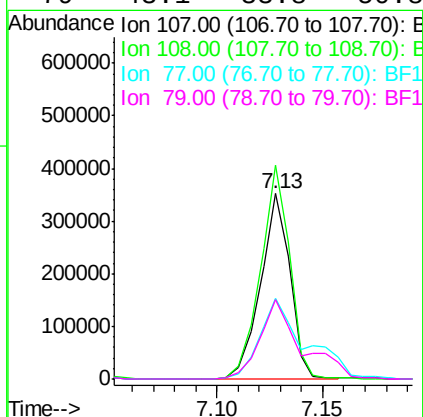
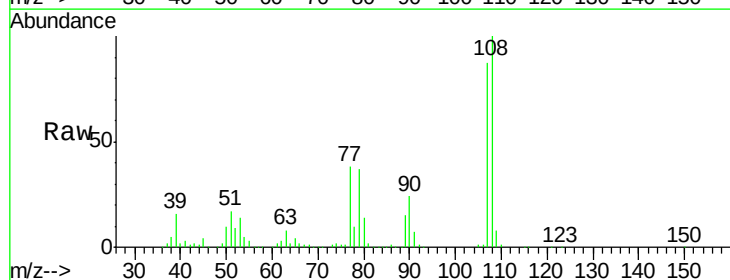
Instrument :
BNA_F
ClientSampleId :

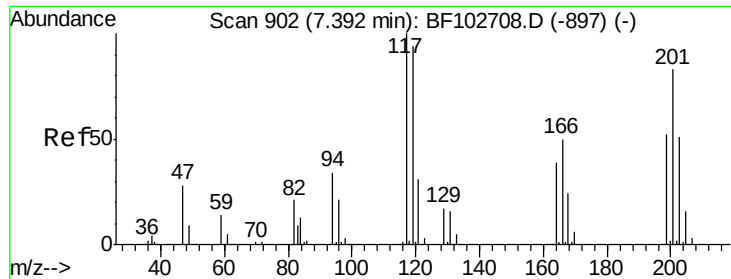
Tot Ion	Ratio	Lower	Upper
45	100		
77	11.8	0.0	32.9
79	9.2	0.0	29.6



#17
2-Methylphenol
Concen: 31.954 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	115.4	91.7	137.5
77	43.8	33.8	50.8
79	43.1	33.8	50.8

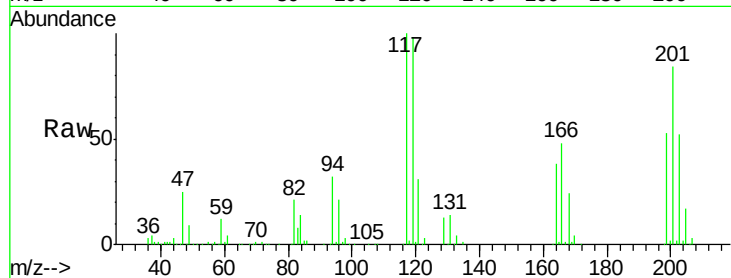




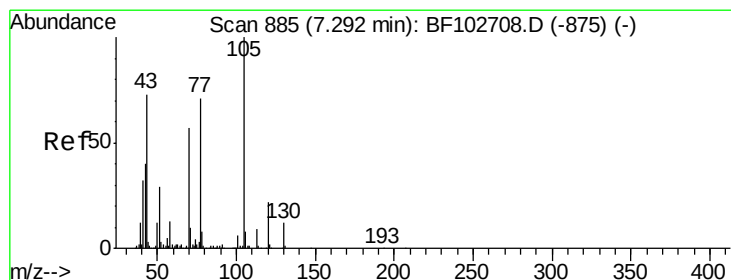
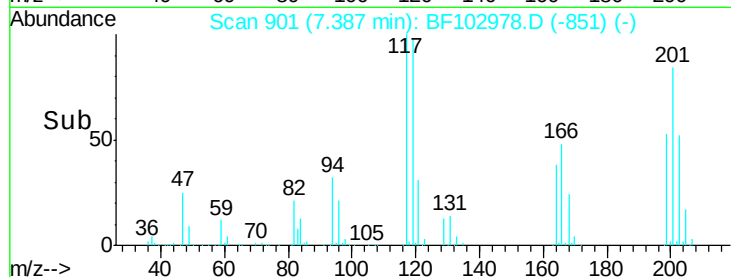
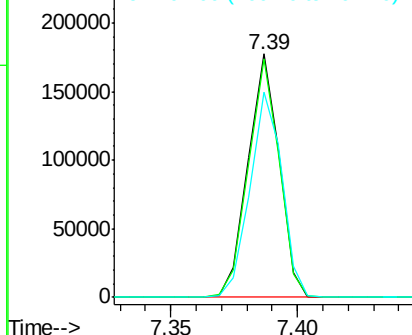
#18
Hexachloroethane
Concen: 33.319 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:117 Resp: 152133
Ion Ratio Lower Upper
117 100
119 98.0 75.8 113.8
201 84.5 75.7 113.5

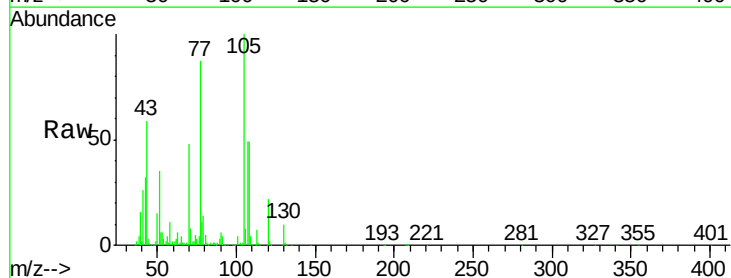


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

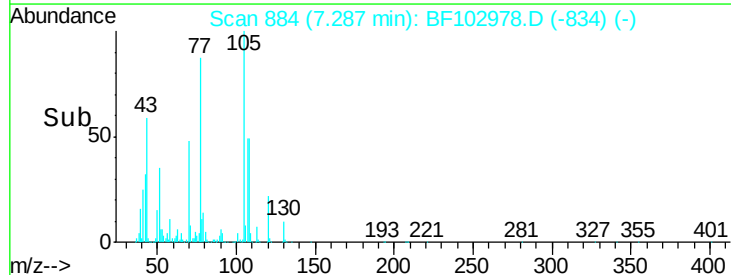
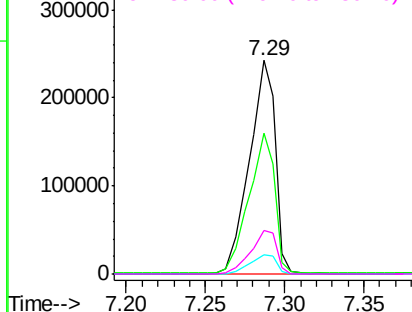


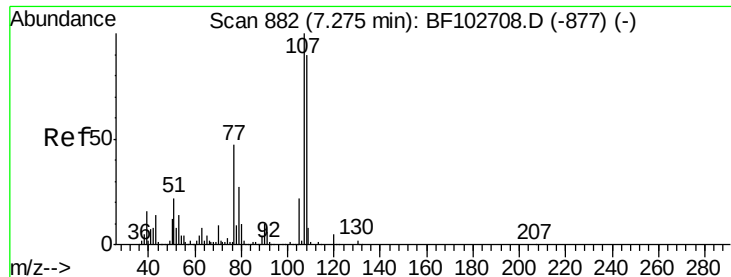
#19
n-Nitroso-di-n-propylamine
Concen: 31.017 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Tgt Ion: 70 Resp: 276077
Ion Ratio Lower Upper
70 100
42 66.2 47.5 71.3
101 9.1 7.4 11.2
130 20.4 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): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 30.756 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.01 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 403829

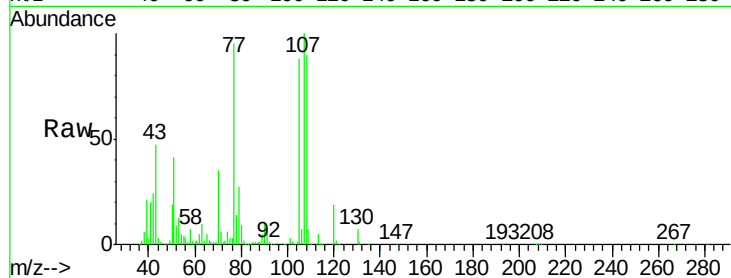
Ion Ratio Lower Upper

107 100

108 89.8 68.2 108.2

77 94.7 26.7 66.7#

79 26.8 6.3 46.3

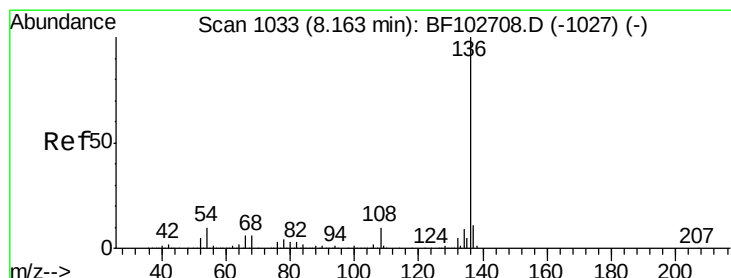
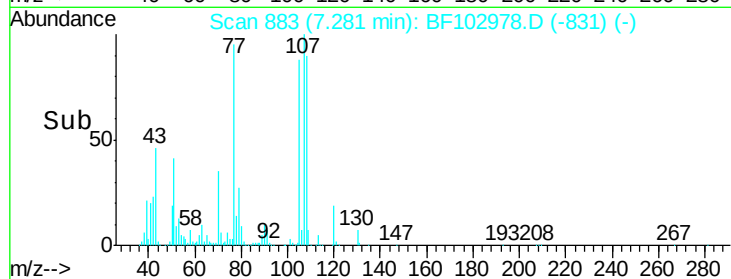
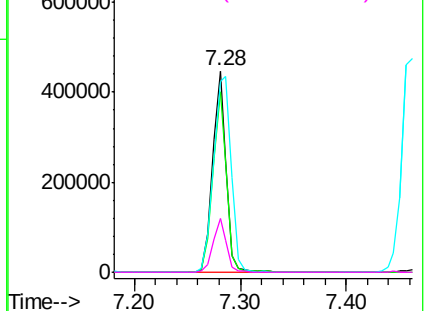


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

Tgt Ion:136 Resp: 722864

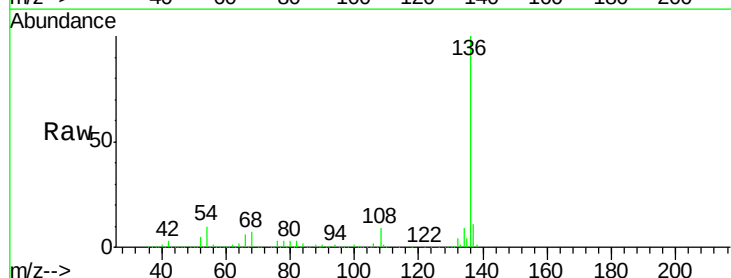
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 10.2 6.6 9.8#

68 6.9 5.0 7.4

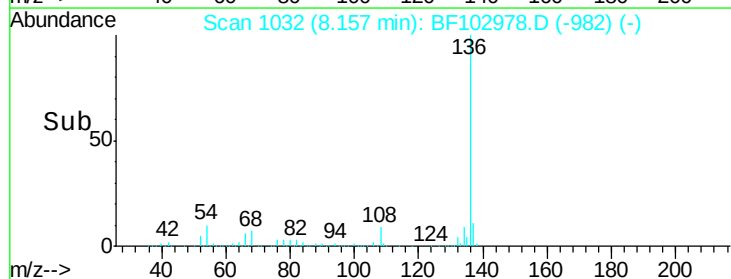
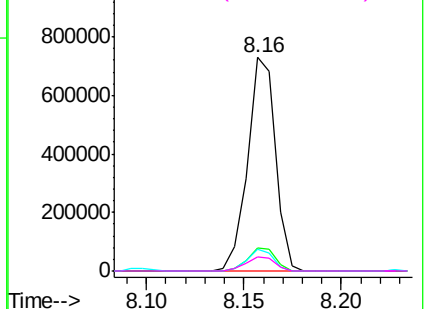


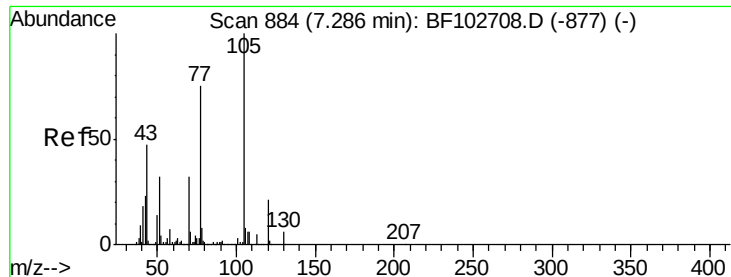
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#22

Acetophenone

Concen: 30.436 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF102978.D

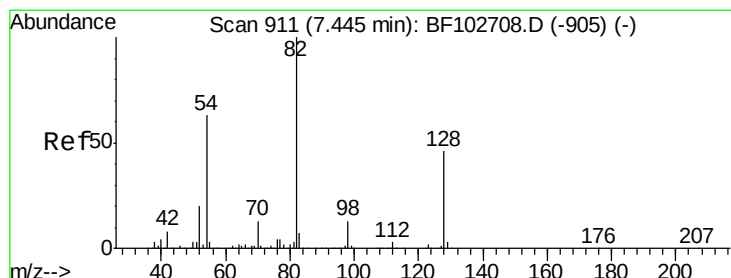
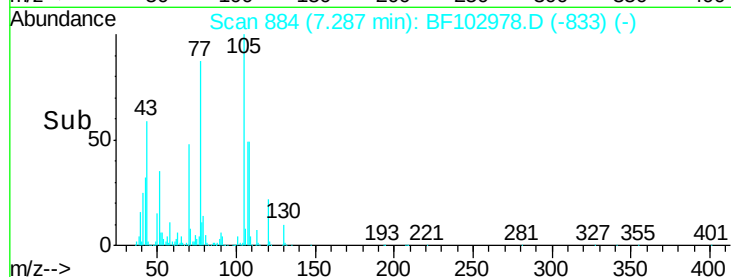
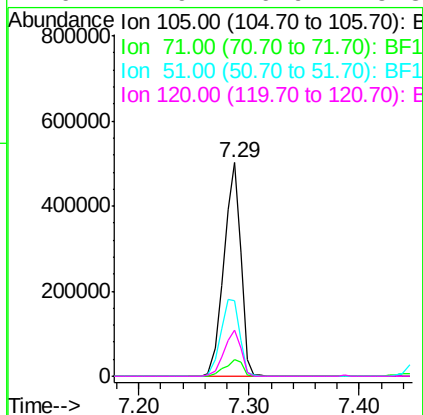
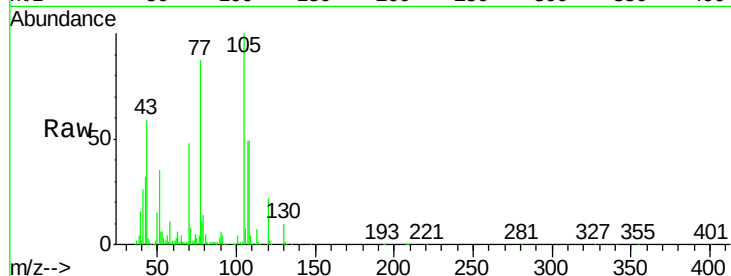
Acq: 14 Feb 2018 10:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	105	Resp:	538385
Ion Ratio	Lower	Upper	
105	100		
71	7.9	4.4	6.6#
51	35.4	22.3	33.5#
120	21.9	16.9	25.3



#23

Nitrobenzene-d5

Concen: 98.371 ng

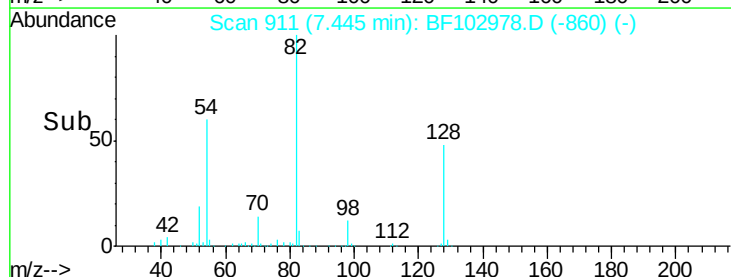
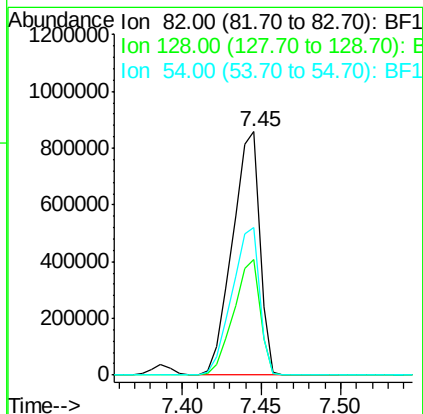
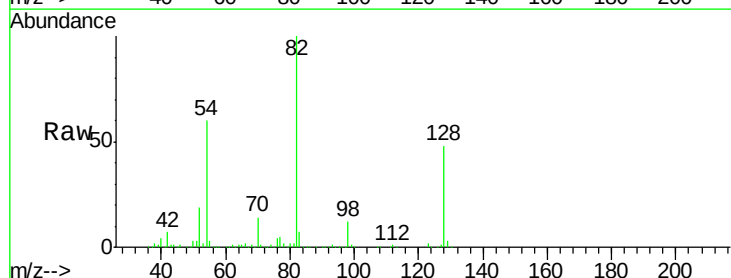
RT: 7.45 min Scan# 911

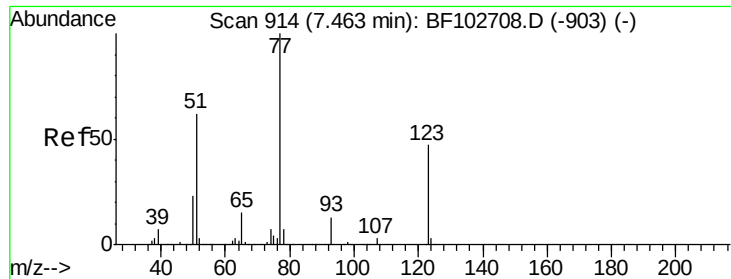
Delta R.T. 0.00 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

Tgt Ion:	82	Resp:	1025062
Ion Ratio	Lower	Upper	
82	100		
128	47.7	36.1	54.1
54	60.4	41.4	62.2

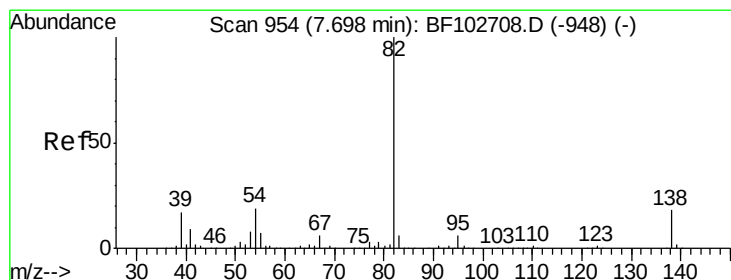
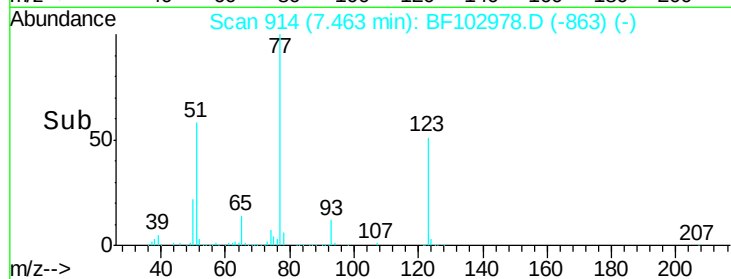
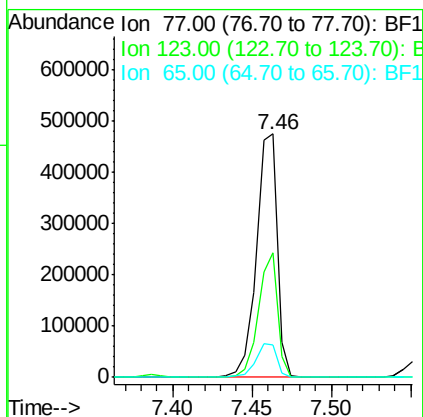
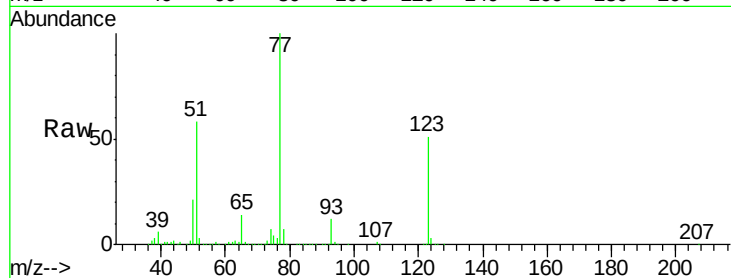




#24
 Nitrobenzene
 Concen: 35.383 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BF102978.D
 Acq: 14 Feb 2018 10:12

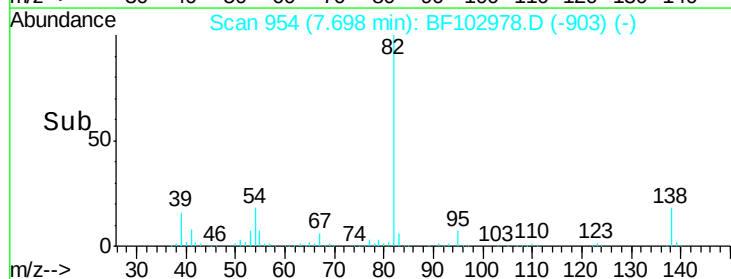
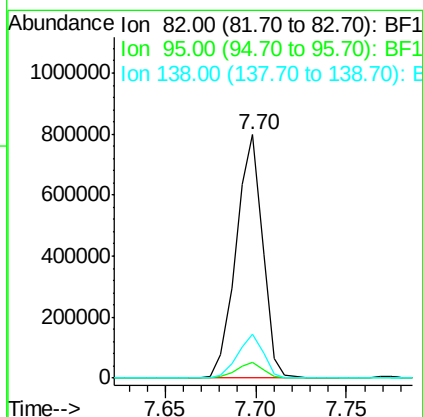
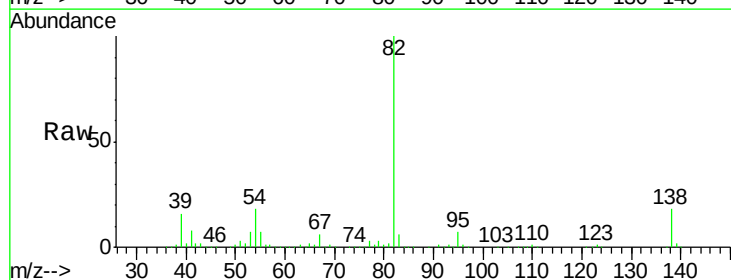
Instrument :
 BNA_F
 ClientSampleId :

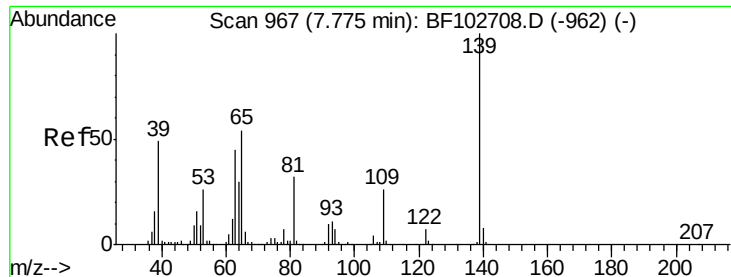
Tot Ion	Ratio	Lower	Upper
77	100		
123	50.9	37.9	56.9
65	13.5	11.0	16.4



#25
 Isophorone
 Concen: 33.903 ng
 RT: 7.70 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF102978.D
 Acq: 14 Feb 2018 10:12

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.2	7.8
138	18.2	14.9	22.3

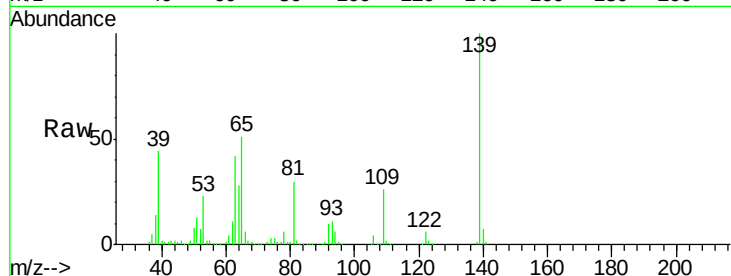




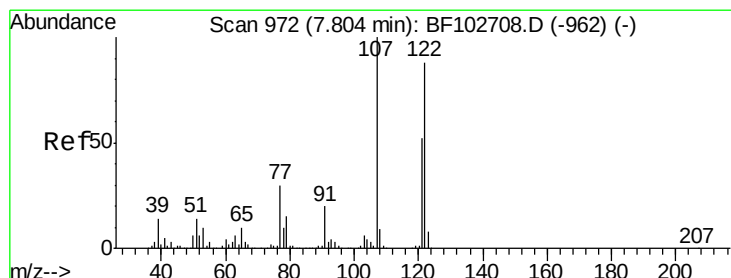
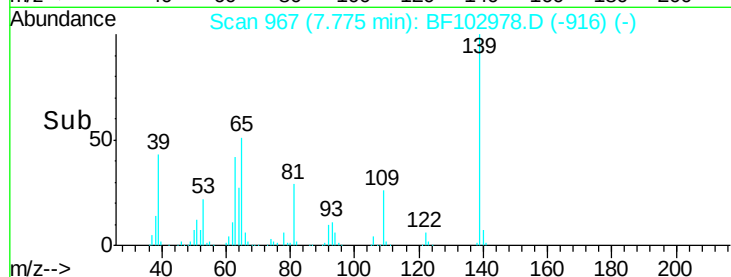
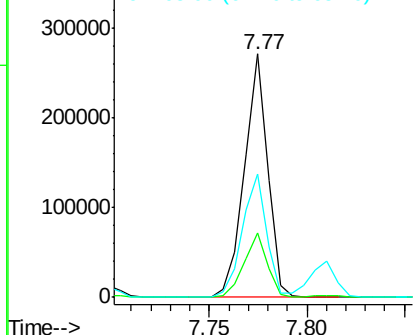
#26
2-Nitrophenol
Concen: 45.377 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
139	100		
109	26.4	22.7	34.1
65	50.8	40.5	60.7

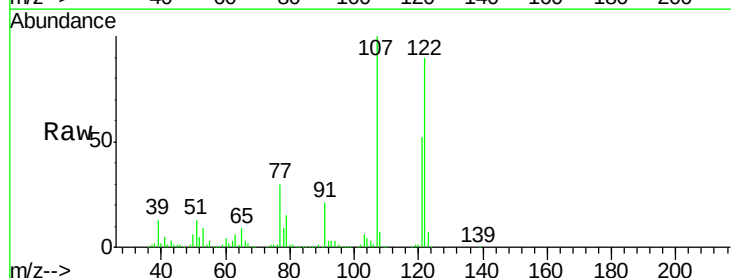


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

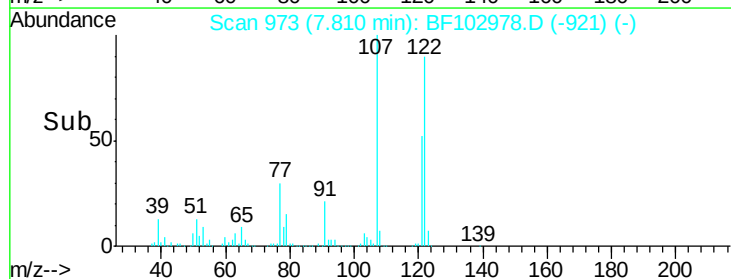
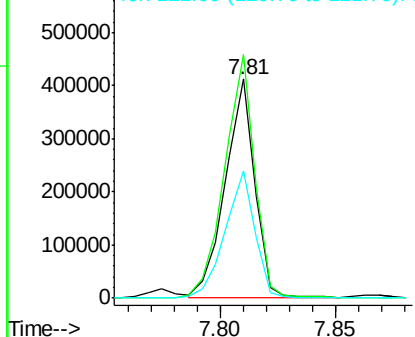


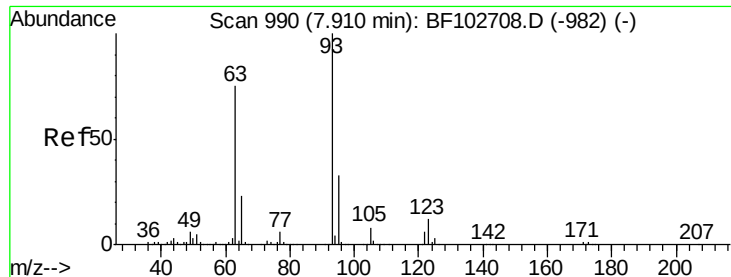
#27
2,4-Dimethylphenol
Concen: 35.743 ng
RT: 7.81 min Scan# 973
Delta R.T. 0.01 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.1	91.2	136.8
121	57.8	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

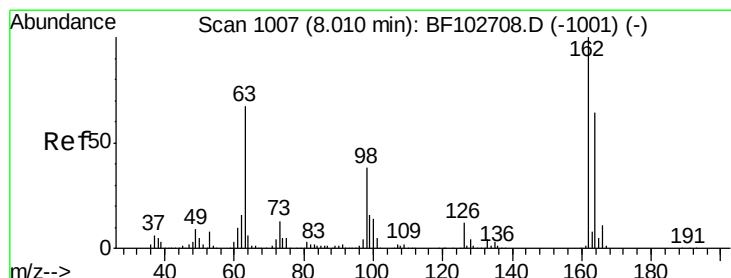
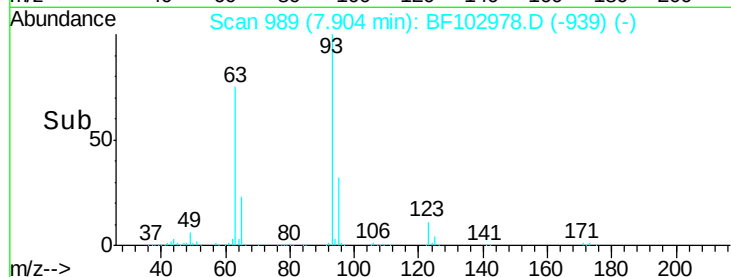
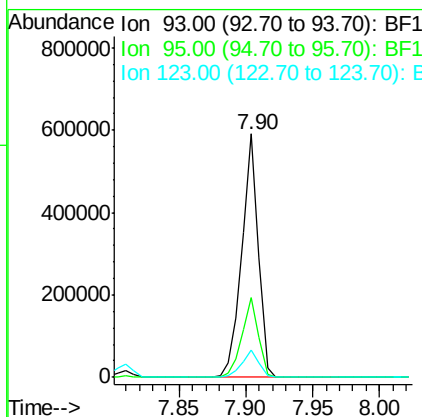
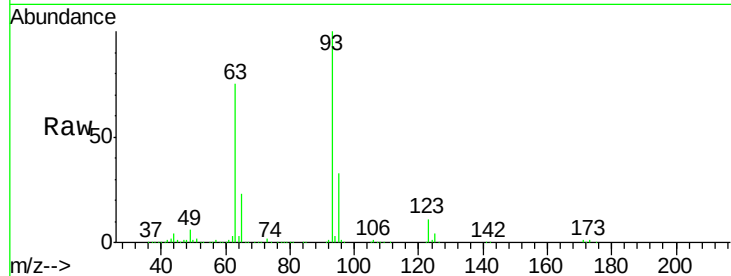




#28
 bis(2-Chloroethoxy)methane
 Concen: 35.999 ng
 RT: 7.90 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF102978.D
 Acq: 14 Feb 2018 10:12

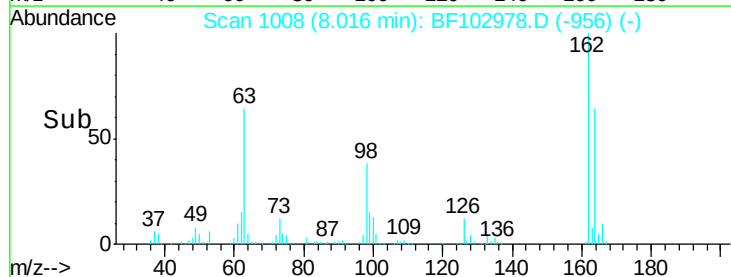
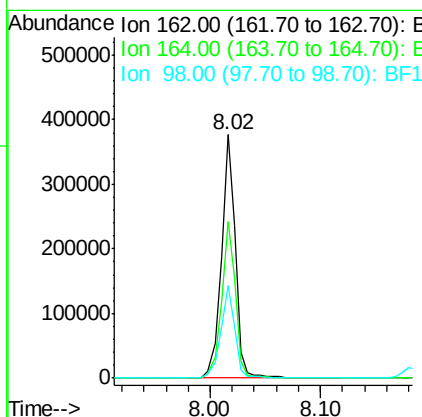
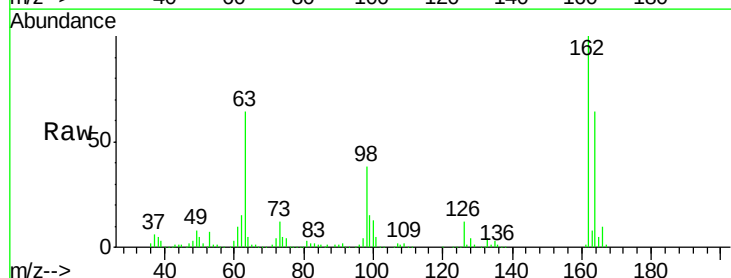
Instrument :
 BNA_F
 ClientSampleId :

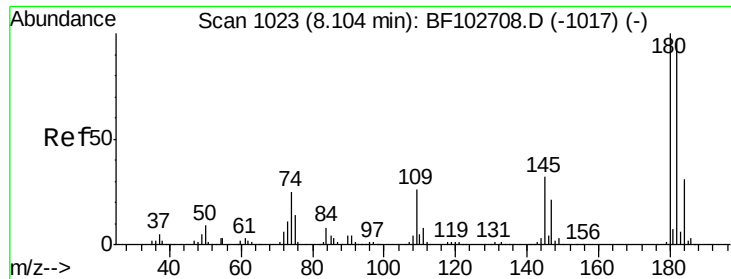
Tot Ion: 93 Resp: 511698
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.3 39.5
 123 11.1 9.8 14.6



#29
 2,4-Dichlorophenol
 Concen: 35.919 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. 0.01 min
 Lab File: BF102978.D
 Acq: 14 Feb 2018 10:12

Tgt Ion: 162 Resp: 331003
 Ion Ratio Lower Upper
 162 100
 164 64.1 42.7 82.7
 98 38.0 18.1 58.1

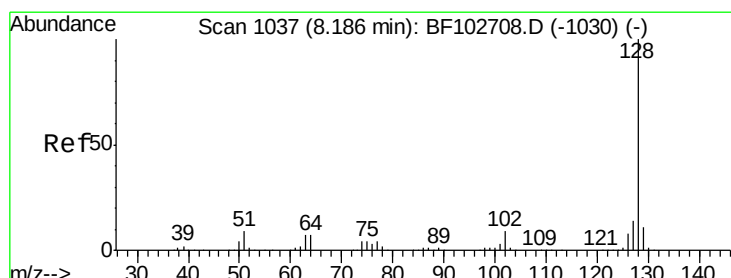
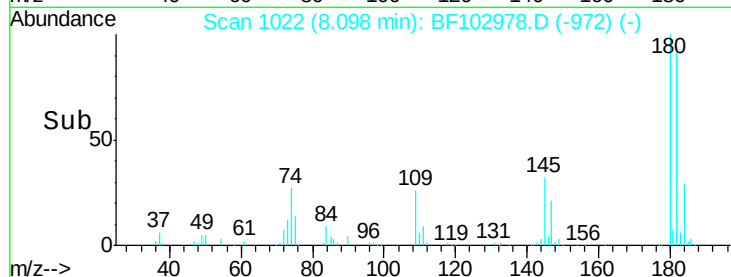
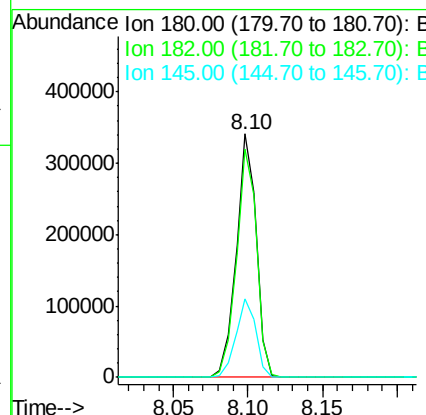
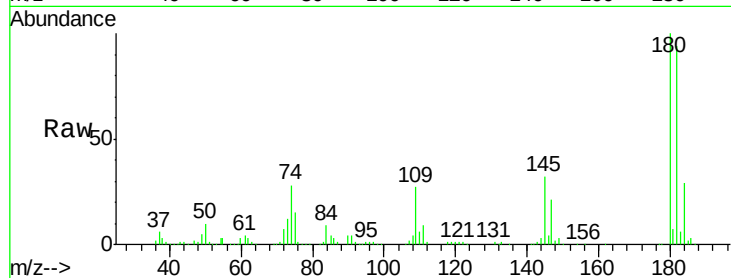




#30
 1,2,4-Trichlorobenzene
 Concen: 30.895 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BF102978.D
 Acq: 14 Feb 2018 10:12

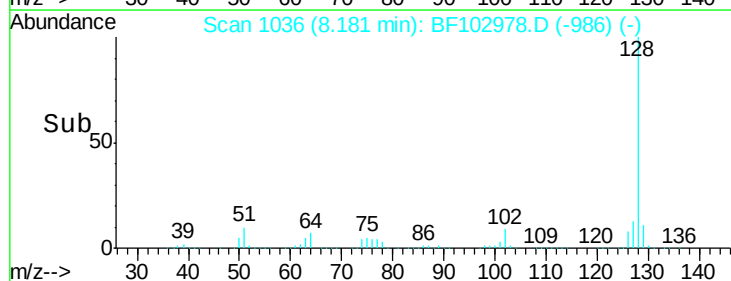
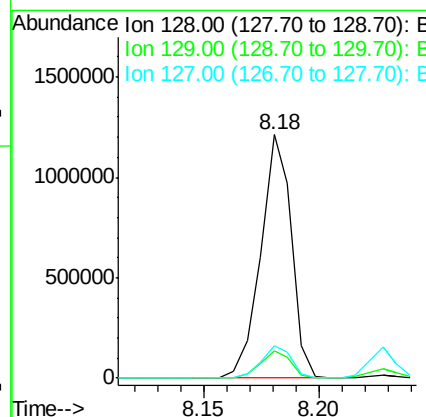
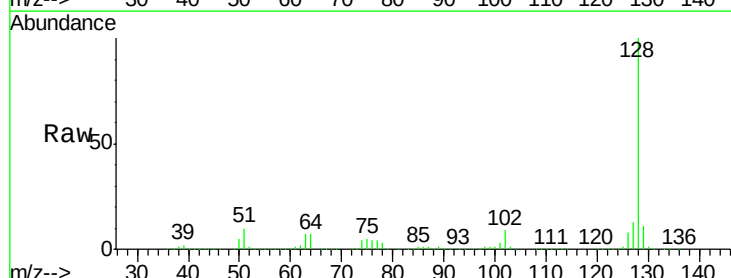
Instrument :
 BNA_F
 ClientSampled :

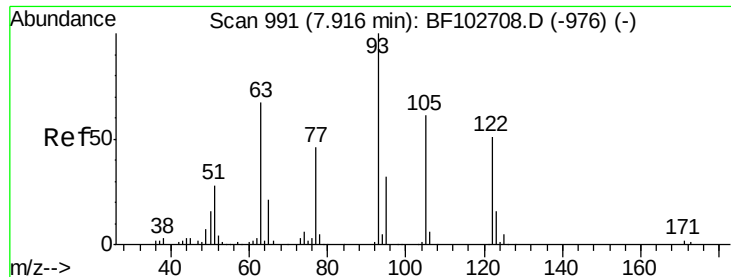
Tot Ion:180 Resp: 322081
 Ion Ratio Lower Upper
 180 100
 182 93.5 76.8 115.2
 145 32.3 26.5 39.7



#31
 Naphthalene
 Concen: 31.807 ng
 RT: 8.18 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BF102978.D
 Acq: 14 Feb 2018 10:12

Tgt Ion:128 Resp: 1123360
 Ion Ratio Lower Upper
 128 100
 129 11.1 8.8 13.2
 127 13.5 10.9 16.3





#32

Benzoic acid

Concen: 49.843 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.10 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

Instrument :

BNA_F

ClientSampleId :

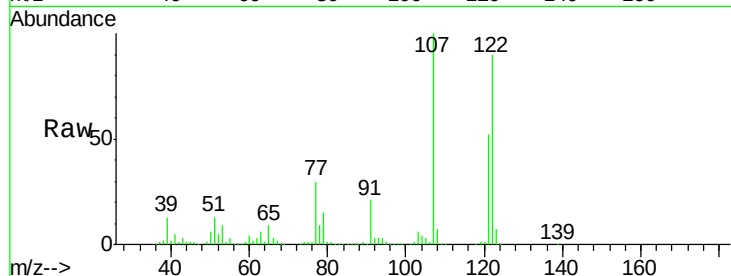
Tot Ion:122 Resp: 362336

Ion Ratio Lower Upper

122 100

105 3.6 101.1 141.1#

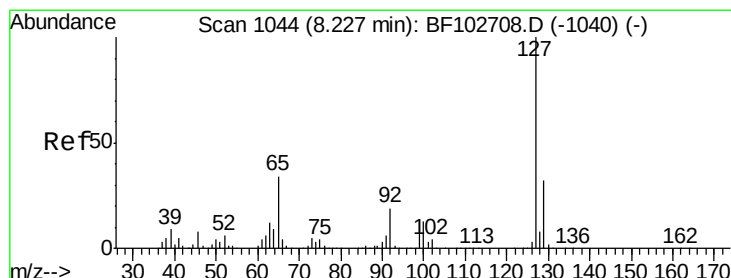
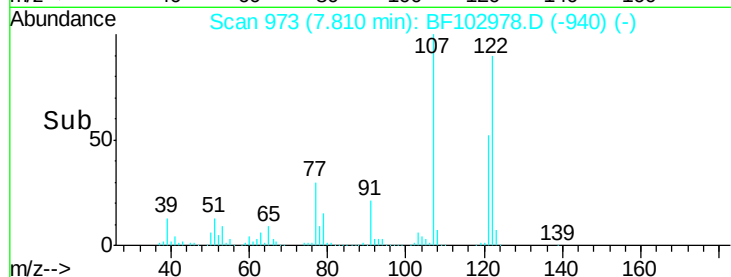
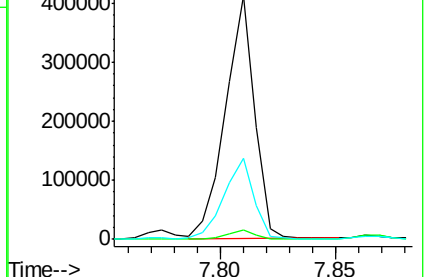
77 33.1 70.7 110.7#



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: 8.687 ng

RT: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

Tgt Ion:127 Resp: 132176

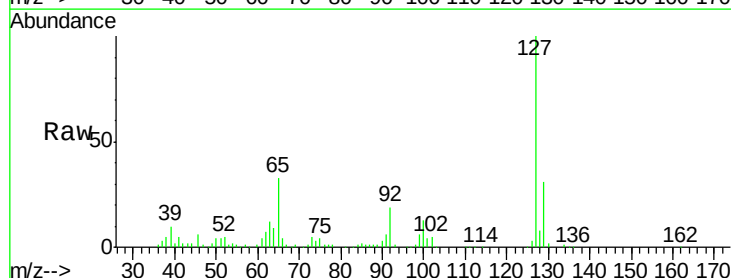
Ion Ratio Lower Upper

127 100

129 30.8 25.9 38.9

65 32.8 25.0 37.4

92 19.1 15.2 22.8

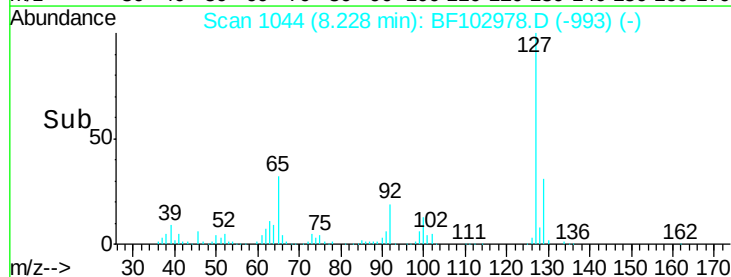
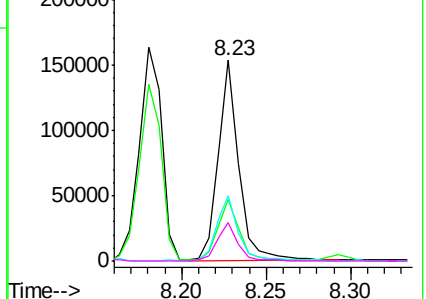


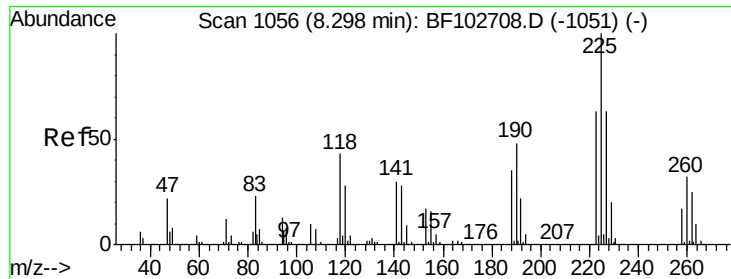
Abundance Ion 127.00 (126.70 to 127.70): E

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: 30.045 ng

RT: 8.29 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

Instrument :
BNA_F
ClientSampleId :

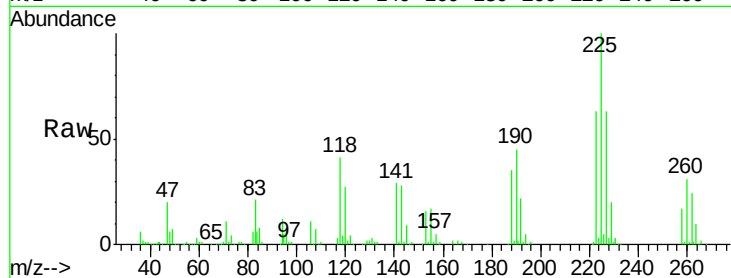
Tot Ion:225 Resp: 160503

Ion Ratio Lower Upper

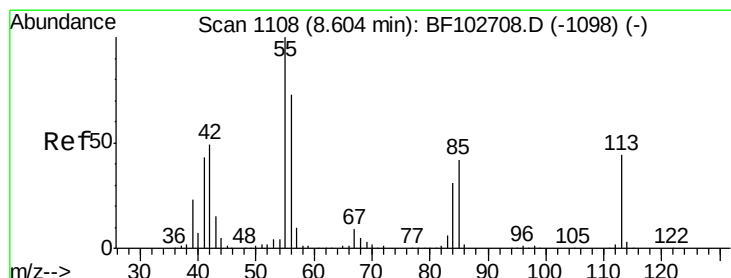
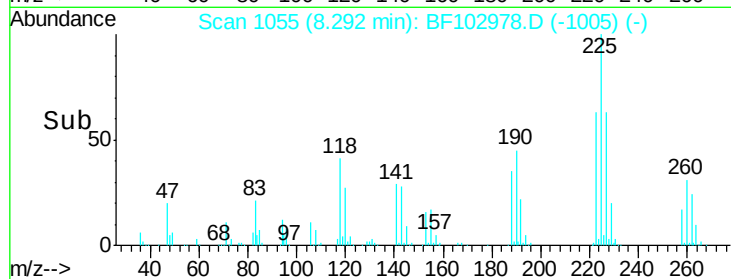
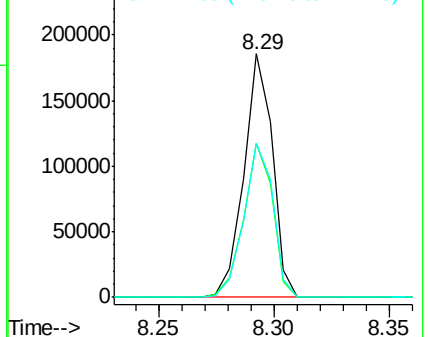
225 100

223 63.4 50.6 76.0

227 63.3 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: 4.495 ng

RT: 8.60 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

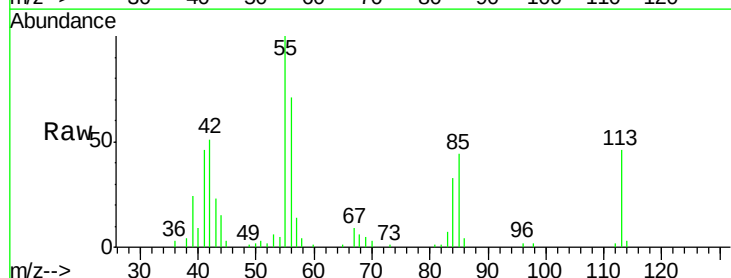
Tgt Ion:113 Resp: 14385

Ion Ratio Lower Upper

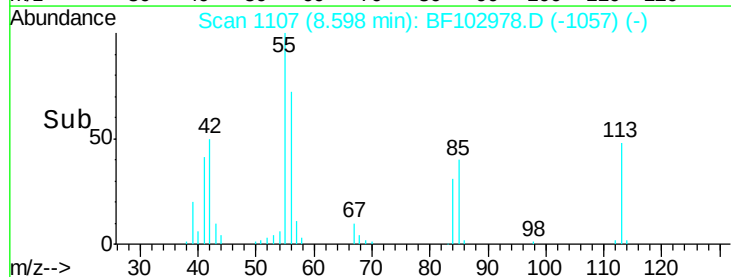
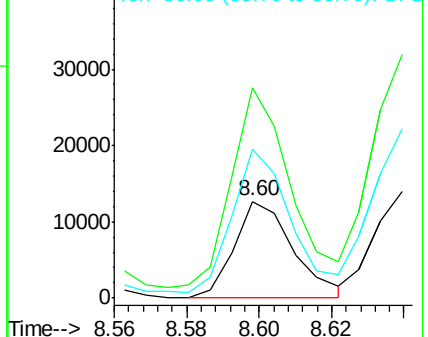
113 100

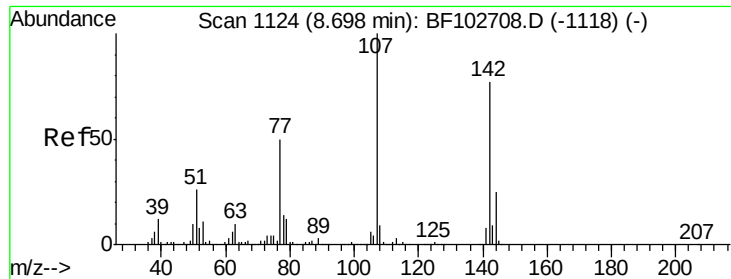
55 217.3 163.3 203.3#

56 153.5 115.7 155.7



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

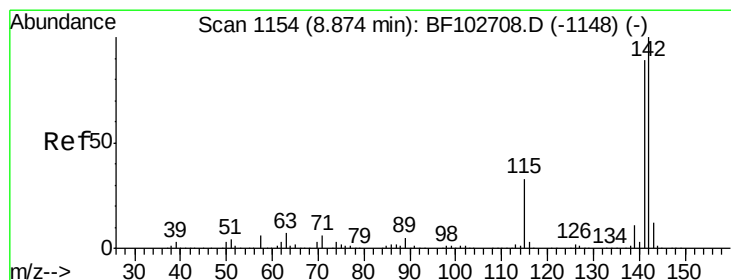
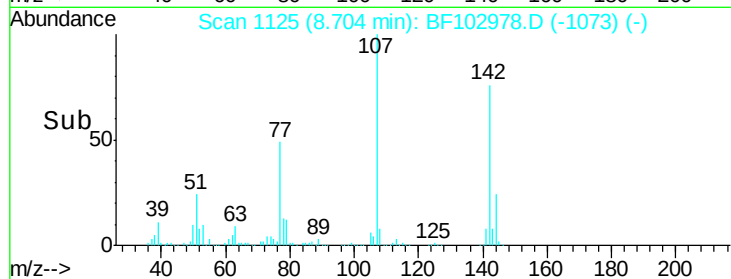
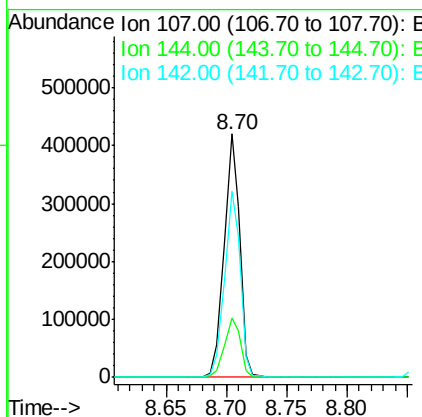
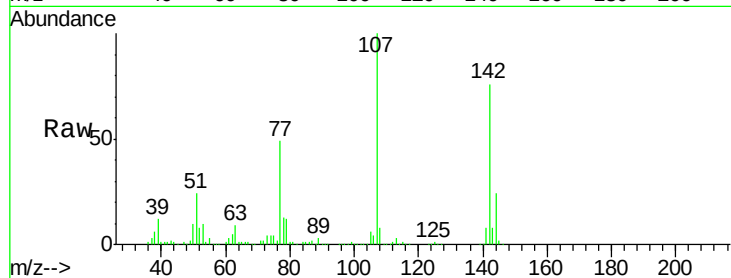




#36
 4-Chloro-3-methylphenol
 Concen: 36.210 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. 0.01 min
 Lab File: BF102978.D
 Acq: 14 Feb 2018 10:12

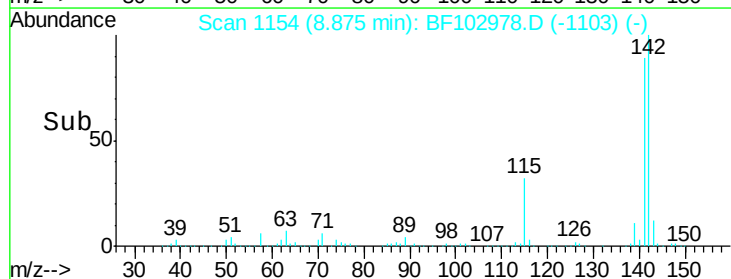
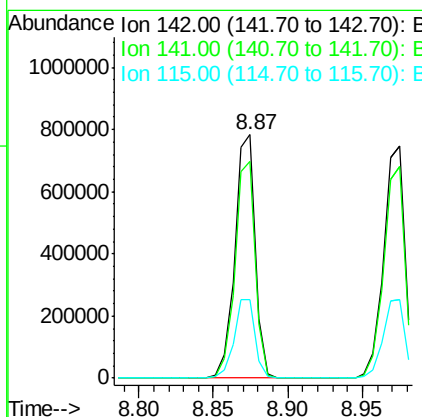
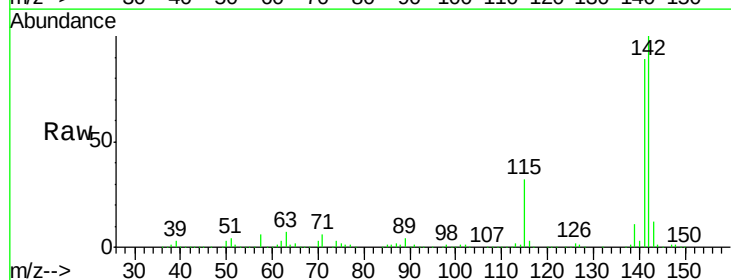
Instrument :
 BNA_F
 ClientSampleId :

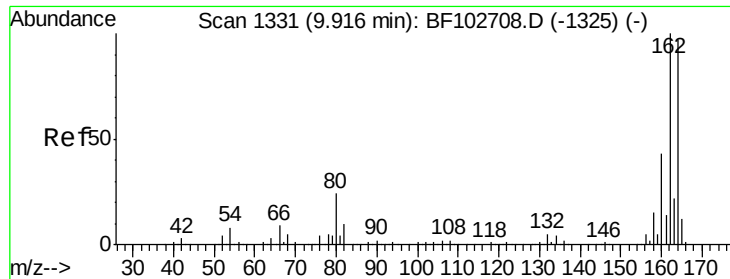
Tot Ion:107 Resp: 374925
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.5 30.7
 142 76.4 62.0 93.0



#37
 2-Methylnaphthalene
 Concen: 32.462 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF102978.D
 Acq: 14 Feb 2018 10:12

Tgt Ion:142 Resp: 750624
 Ion Ratio Lower Upper
 142 100
 141 89.3 70.8 106.2
 115 32.2 26.1 39.1

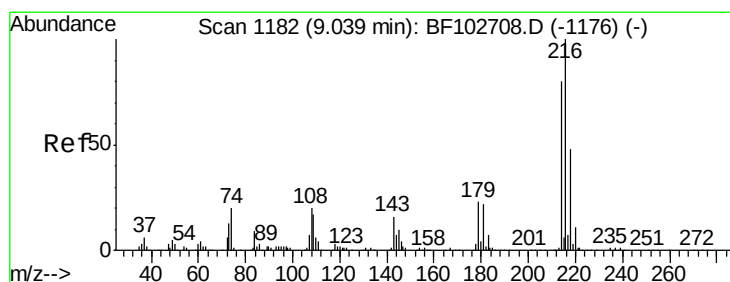
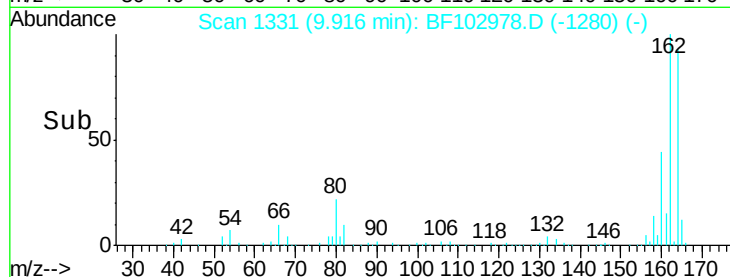
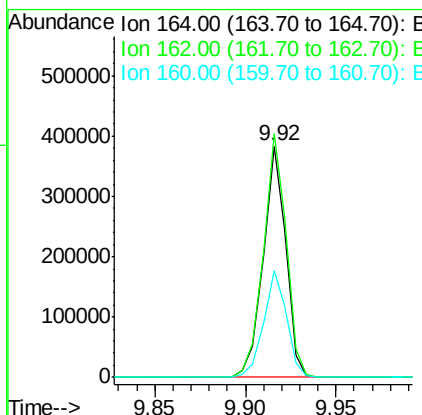
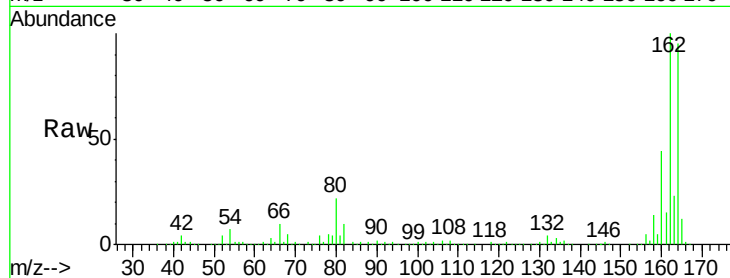




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: BF102978.D
 Acq: 14 Feb 2018 10:12

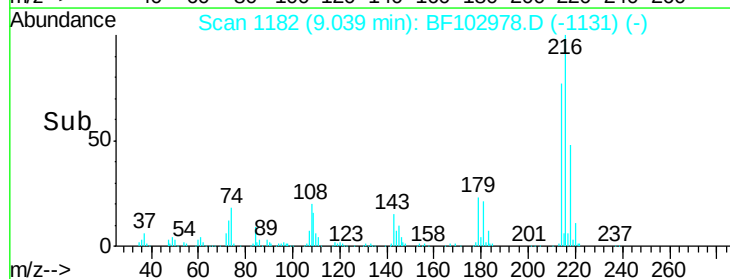
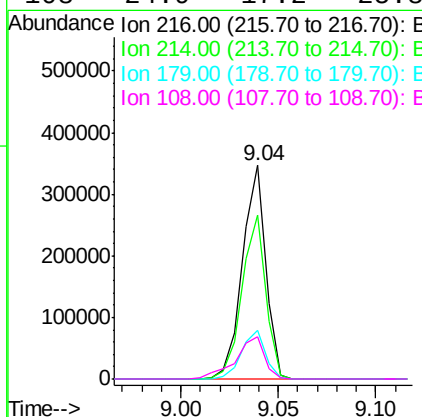
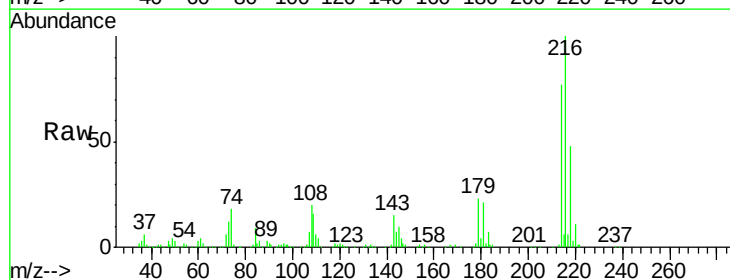
Instrument :
 BNA_F
 ClientSampled :

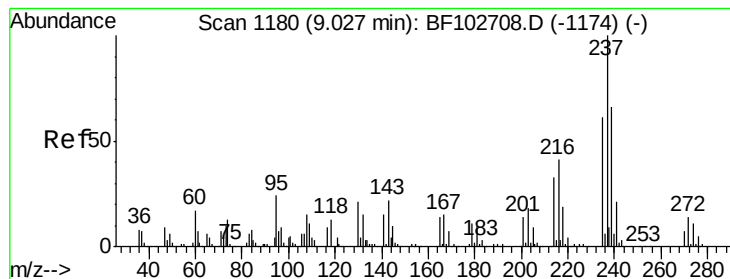
Tot Ion:164 Resp: 332818
 Ion Ratio Lower Upper
 164 100
 162 105.2 86.1 129.1
 160 46.1 38.3 57.5



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.777 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF102978.D
 Acq: 14 Feb 2018 10:12

Tgt Ion:216 Resp: 287963
 Ion Ratio Lower Upper
 216 100
 214 78.3 63.0 94.4
 179 23.2 18.1 27.1
 108 24.9 17.2 25.8





#40

Hexachlorocyclopentadiene

Concen: 61.267 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

Instrument :

BNA_F

ClientSampleId :

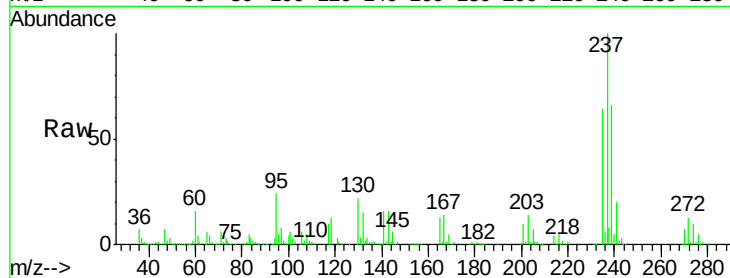
Tot Ion:237 Resp: 263933

Ion Ratio Lower Upper

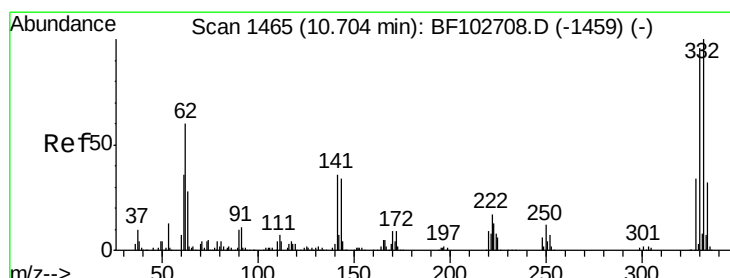
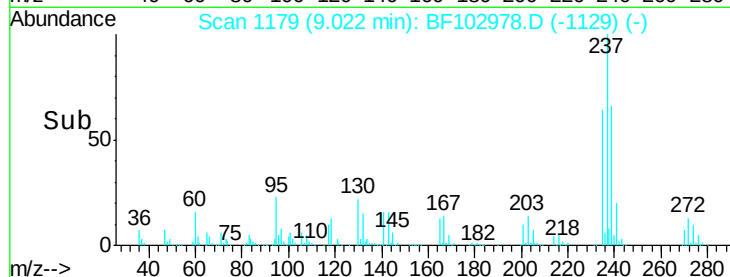
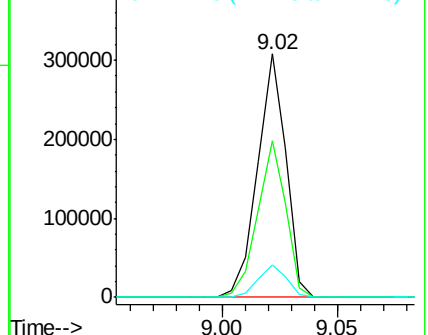
237 100

235 64.1 44.8 84.8

272 13.2 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: 131.196 ng

RT: 10.71 min Scan# 1466

Delta R.T. 0.01 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

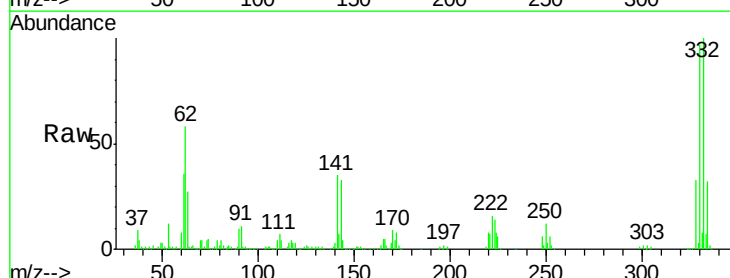
Tgt Ion:330 Resp: 351447

Ion Ratio Lower Upper

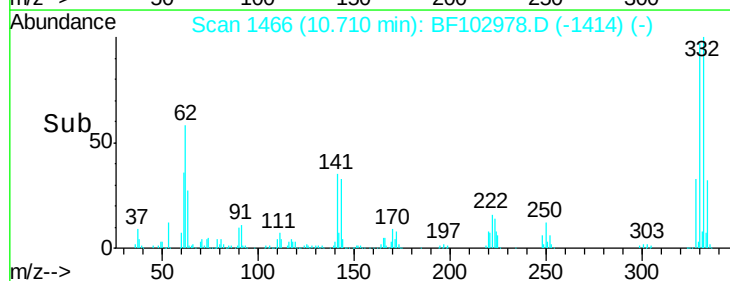
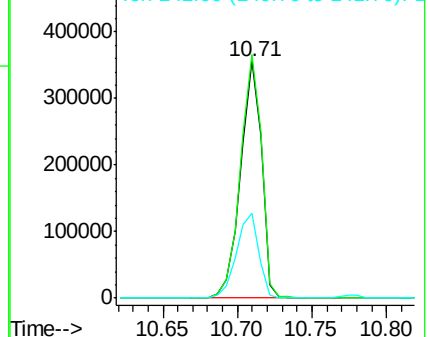
330 100

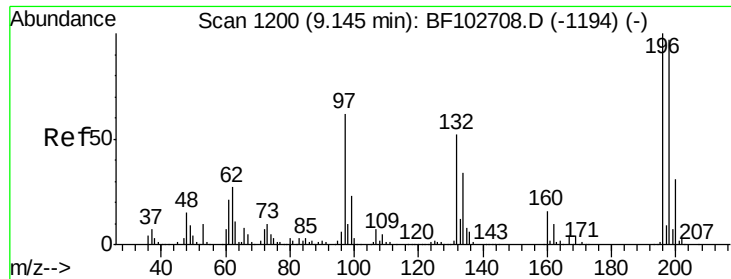
332 103.5 77.0 115.6

141 38.7 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

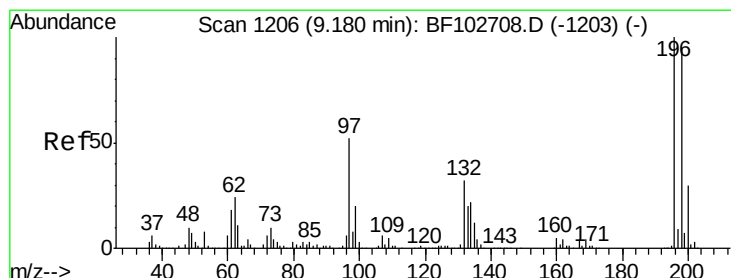
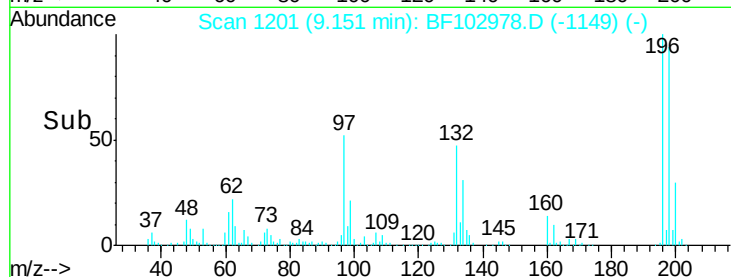
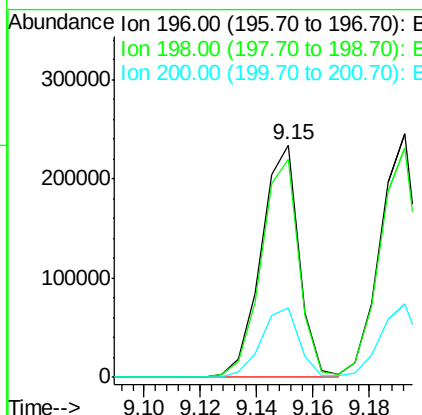
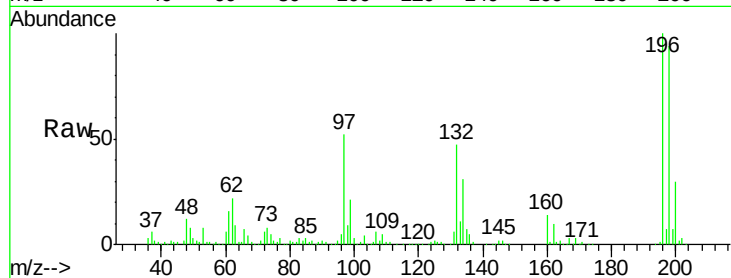




#42
2,4,6-Trichlorophenol
Concen: 36.619 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

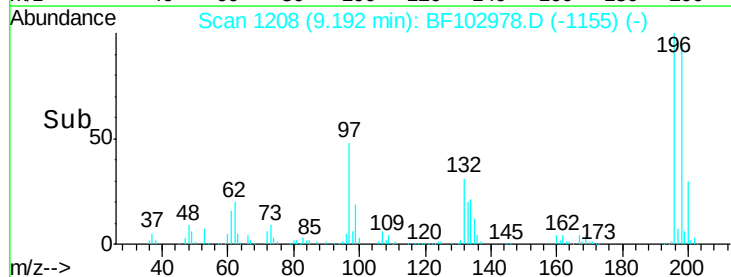
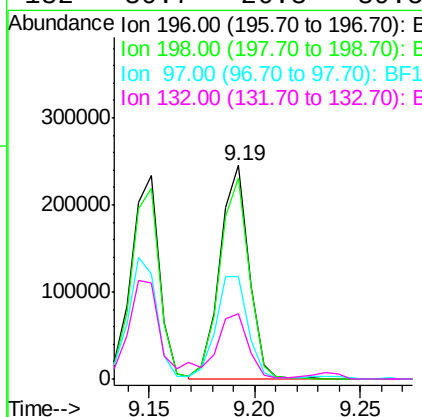
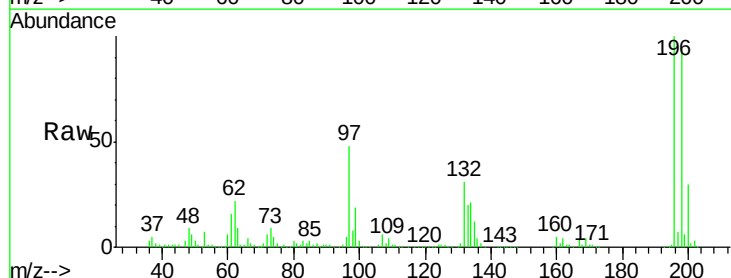
Instrument :
BNA_F
ClientSampleId :

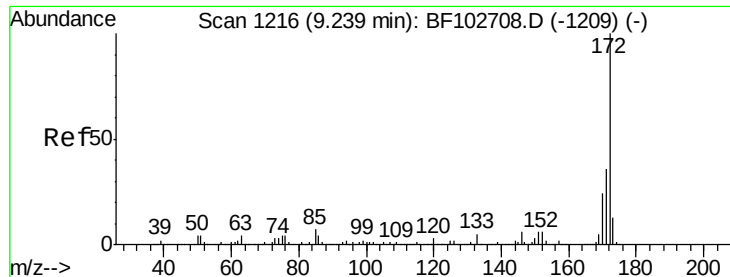
Tot Ion:196 Resp: 217962
Ion Ratio Lower Upper
196 100
198 93.6 75.7 113.5
200 30.0 24.5 36.7



#43
2,4,5-Trichlorophenol
Concen: 34.612 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Tgt Ion:196 Resp: 232202
Ion Ratio Lower Upper
196 100
198 94.1 74.6 112.0
97 48.0 42.9 64.3
132 30.7 26.3 39.5

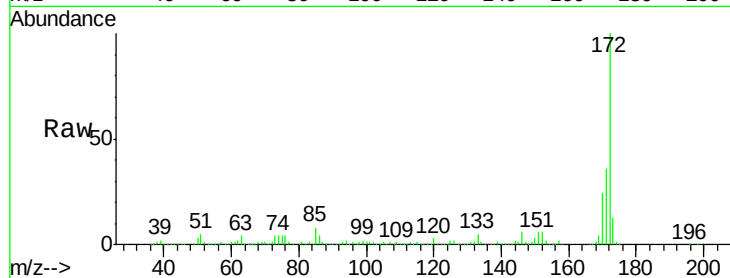




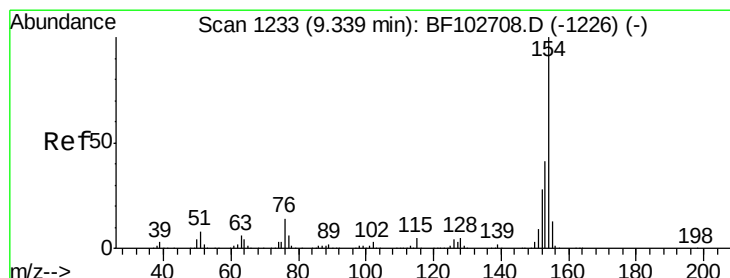
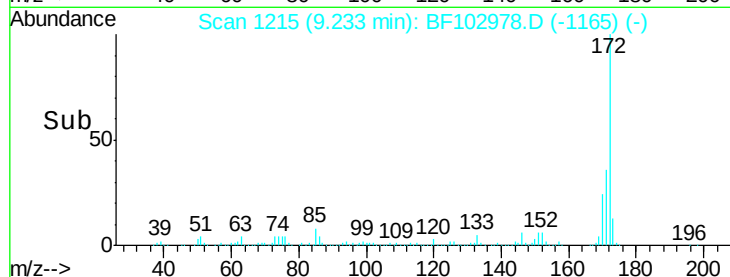
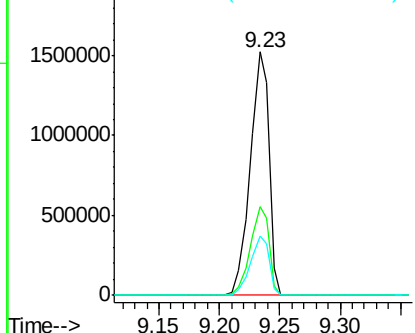
#44
2-Fluorobiphenyl
Concen: 82.540 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1655515
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.3 19.6 29.4

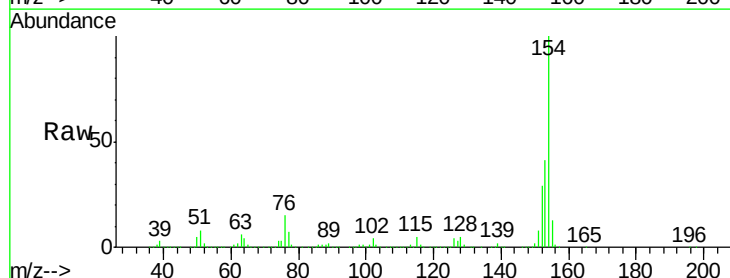


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

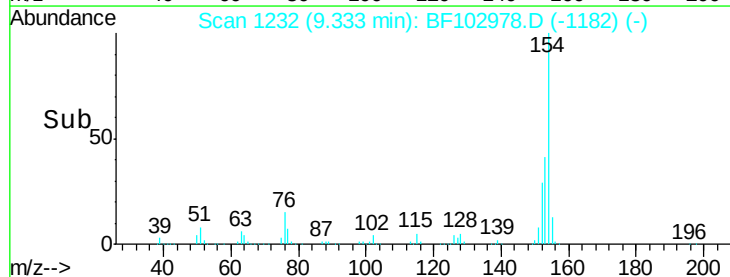
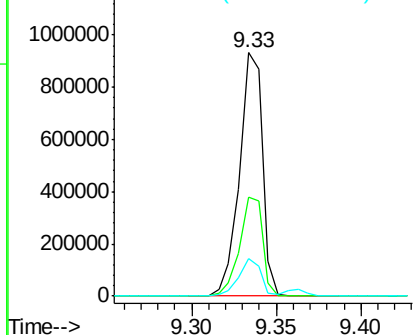


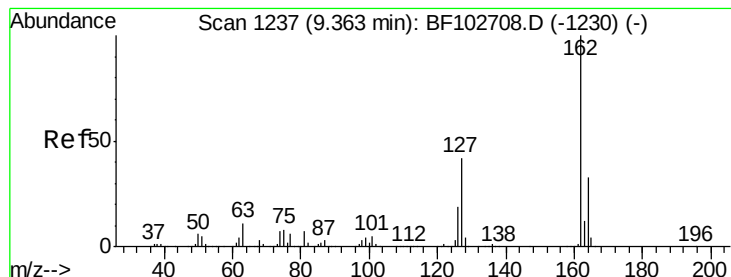
#45
1,1'-Biphenyl
Concen: 31.424 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Tgt Ion:154 Resp: 880879
Ion Ratio Lower Upper
154 100
153 40.6 21.3 61.3
76 15.3 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: 31.636 ng

RT: 9.36 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

Instrument :

BNA_F

ClientSampleId :

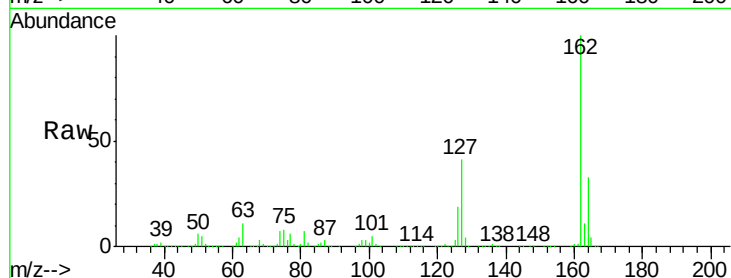
Tot Ion:162 Resp: 698175

Ion Ratio Lower Upper

162 100

127 41.1 33.9 50.9

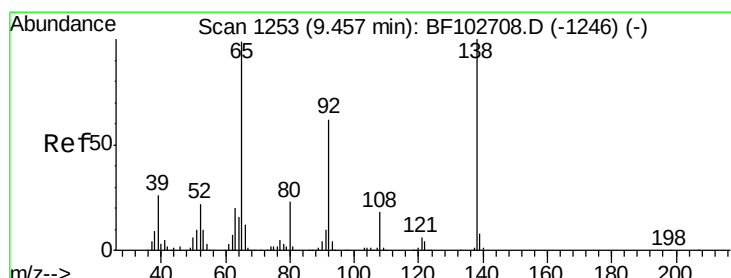
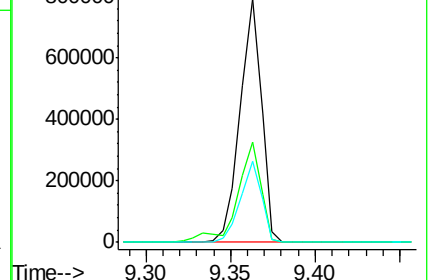
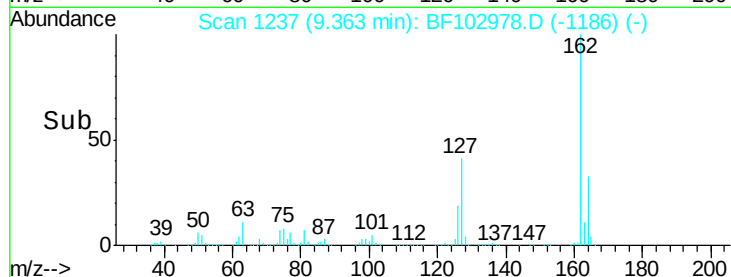
164 33.2 26.5 39.7



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: 40.033 ng

RT: 9.46 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

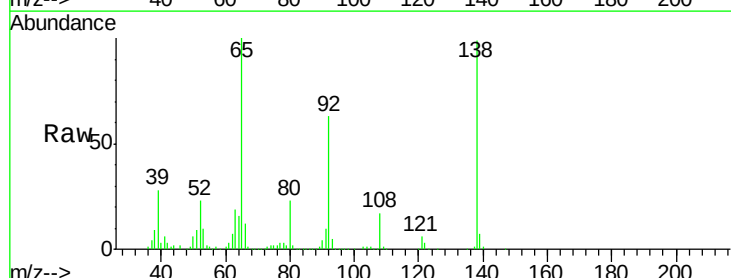
Tgt Ion: 65 Resp: 268392

Ion Ratio Lower Upper

65 100

92 63.1 55.8 83.6

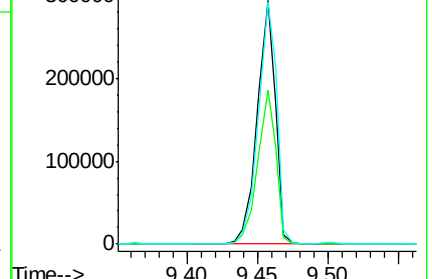
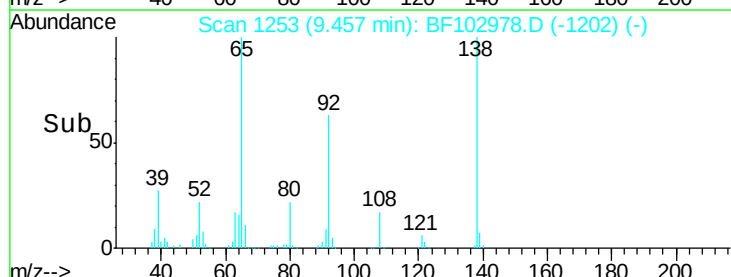
138 99.3 91.2 136.8

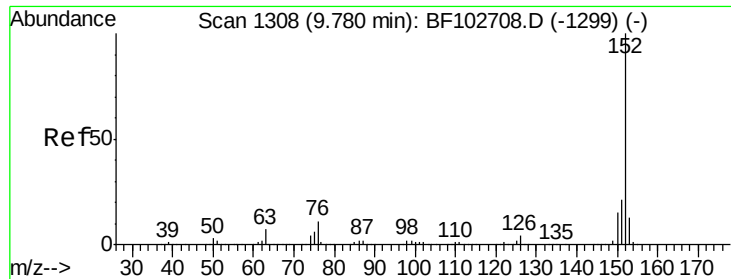


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 31.483 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

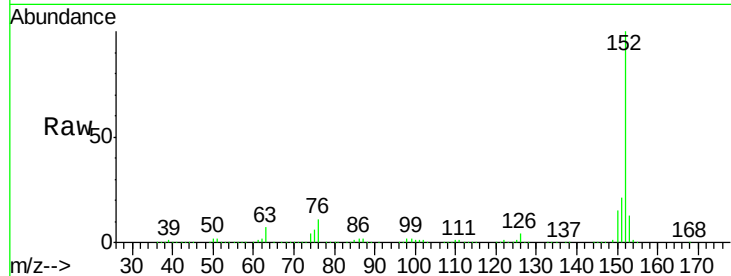
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 1079141

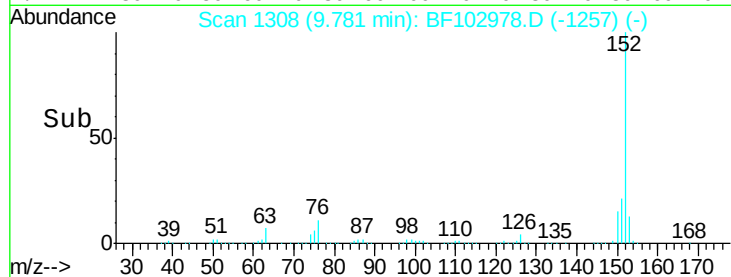
Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.0	10.7	16.1



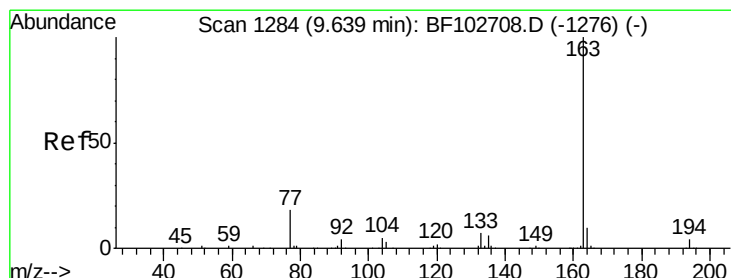
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#49

Dimethylphthalate

Concen: 35.199 ng

RT: 9.63 min Scan# 1283

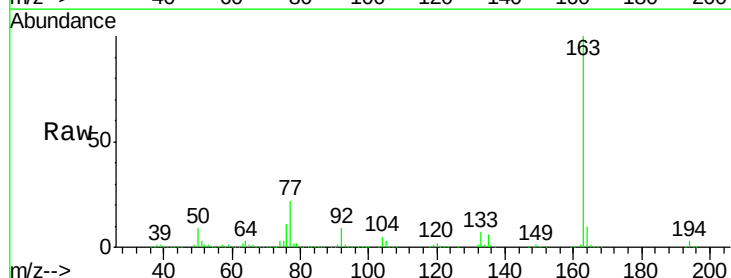
Delta R.T. -0.01 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

Tgt Ion:163 Resp: 913425

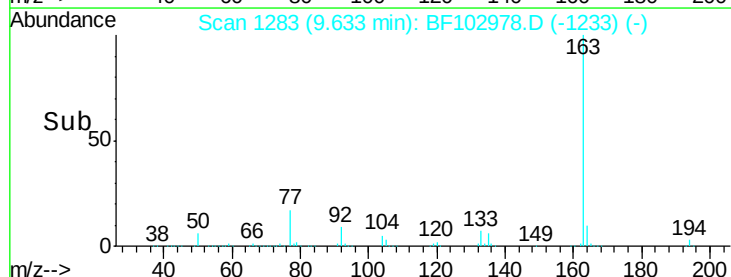
Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.3	8.2	12.2



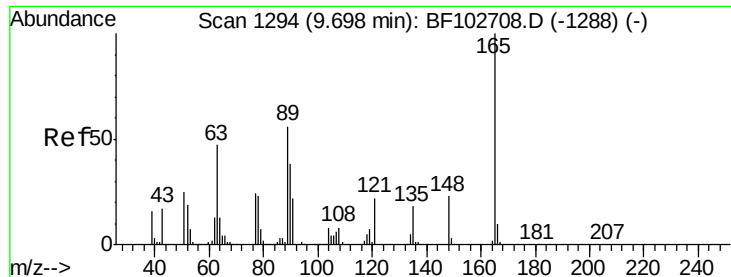
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



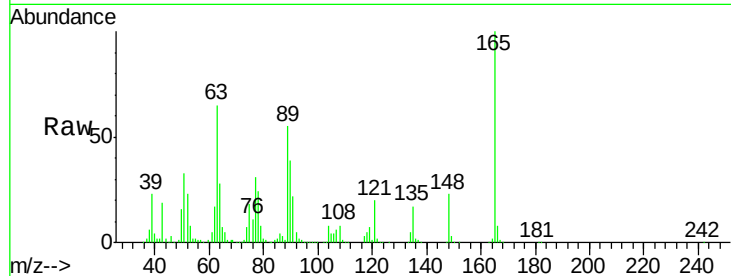
Time-->



#50
 2,6-Dinitrotoluene
 Concen: 38.246 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BF102978.D
 Acq: 14 Feb 2018 10:12

Instrument :
 BNA_F
 ClientSampled :

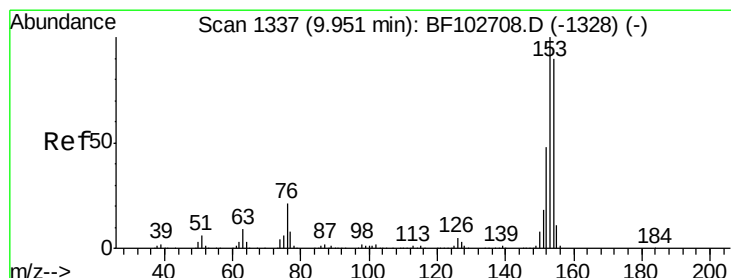
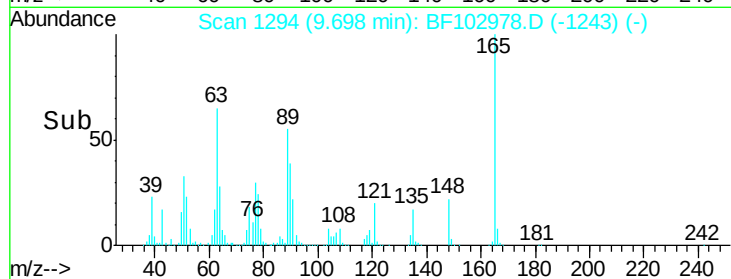
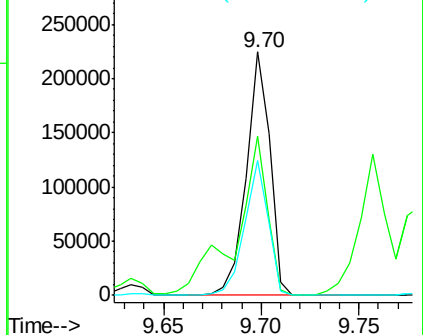
Tot Ion	Ratio	Lower	Upper
165	100		
63	65.5	44.7	67.1
89	55.3	44.0	66.0



Abundance Ion 165.00 (164.70 to 165.70): E

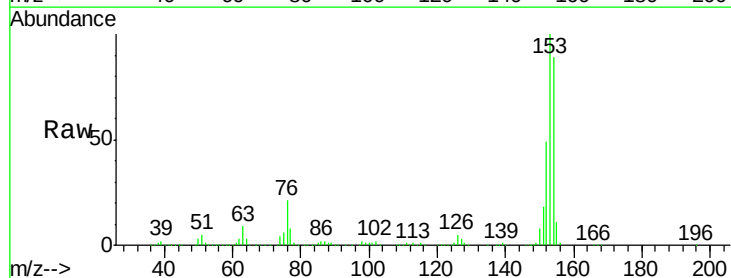
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#51
 Acenaphthene
 Concen: 30.740 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: BF102978.D
 Acq: 14 Feb 2018 10:12

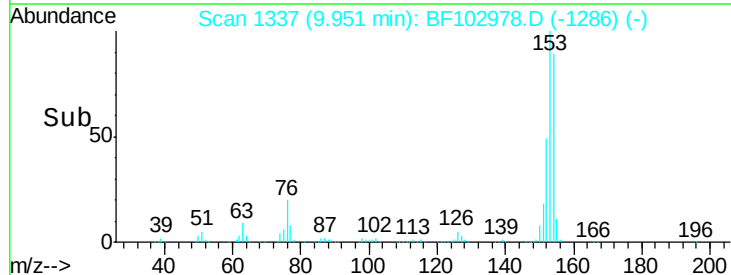
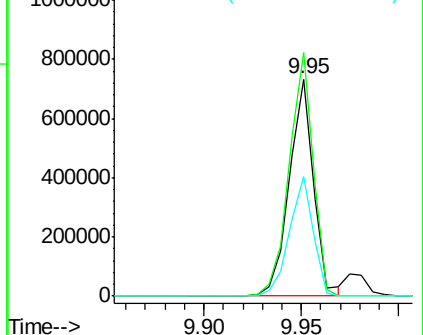
Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.3	91.2	136.8
152	55.3	43.8	65.8

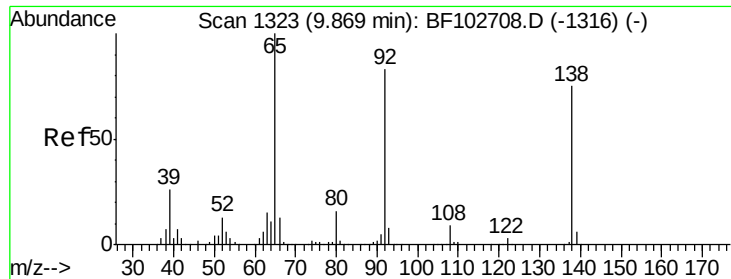


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

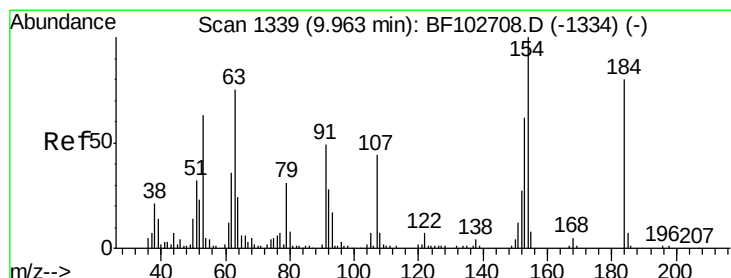
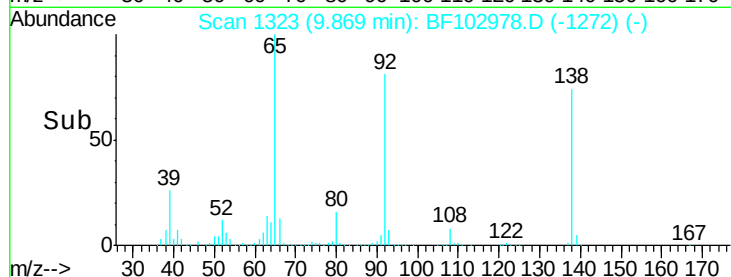
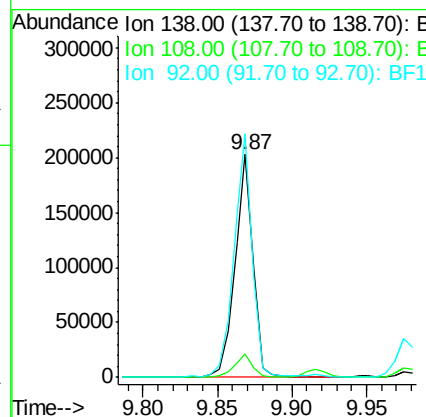
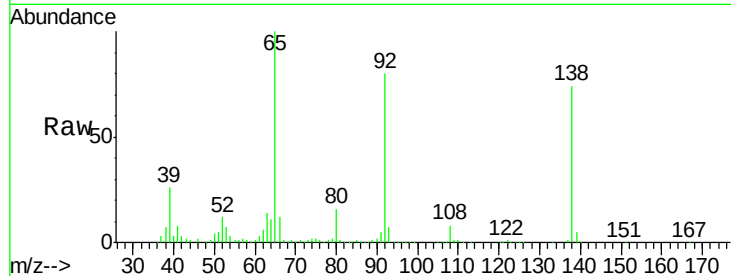




#52
 3-Nitroaniline
 Concen: 28.790 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: BF102978.D
 Acq: 14 Feb 2018 10:12

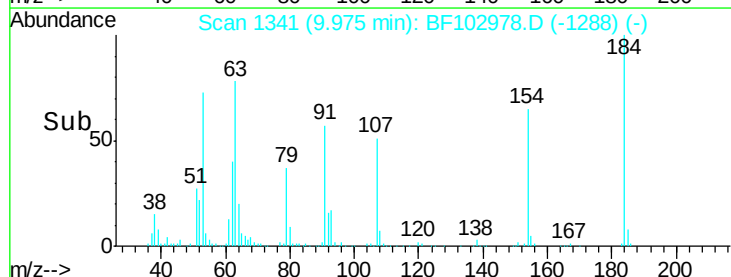
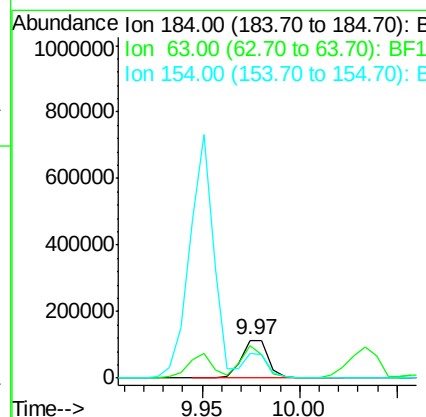
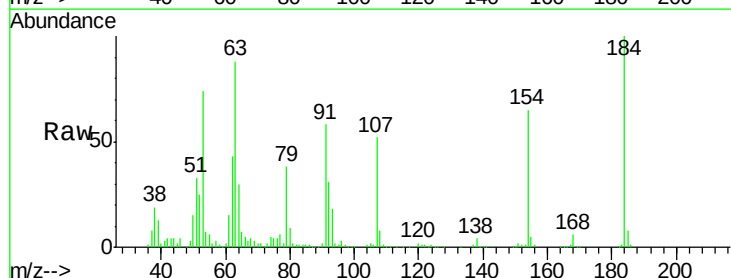
Instrument :
 BNA_F
 ClientSampleId :

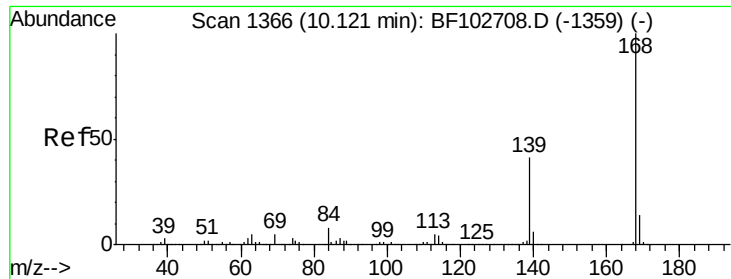
Tot Ion:138 Resp: 174897
 Ion Ratio Lower Upper
 138 100
 108 10.4 9.4 14.0
 92 109.4 89.4 134.2



#53
 2,4-Dinitrophenol
 Concen: 71.714 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: BF102978.D
 Acq: 14 Feb 2018 10:12

Tgt Ion:184 Resp: 110241
 Ion Ratio Lower Upper
 184 100
 63 87.6 54.2 81.2#
 154 65.2 184.0 276.0#

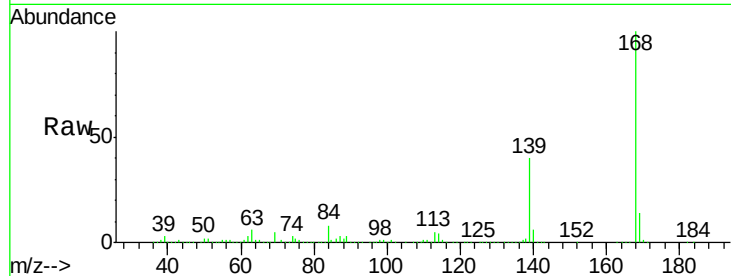




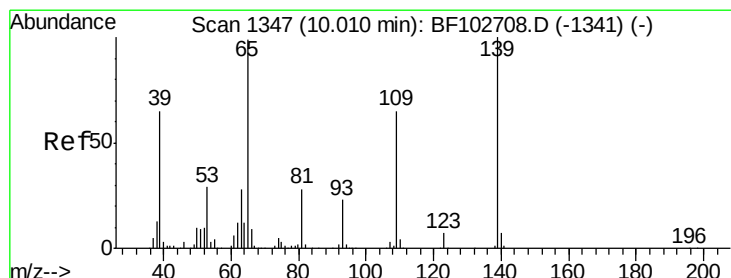
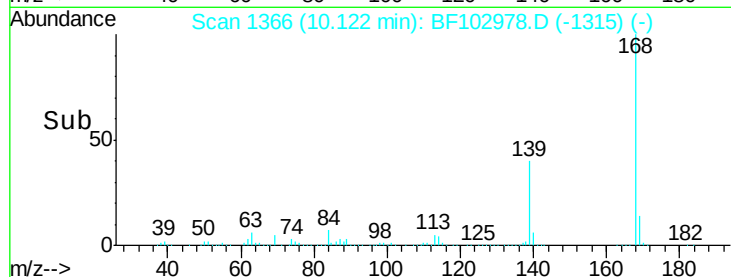
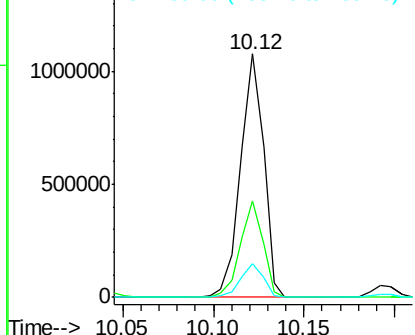
#54
Dibenzenofuran
Concen: 33.165 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.8	30.1	45.1
169	13.8	10.9	16.3

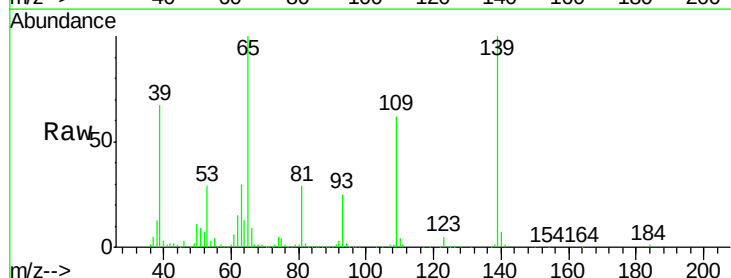


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

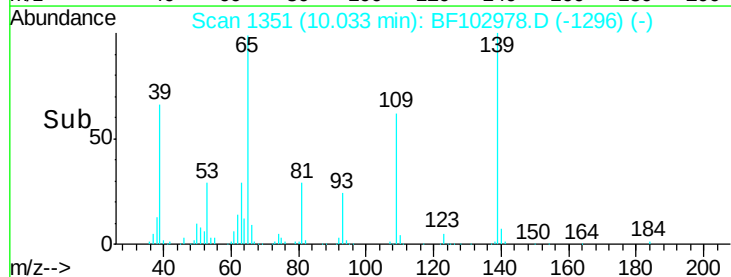
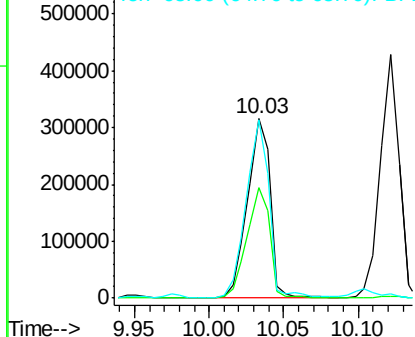


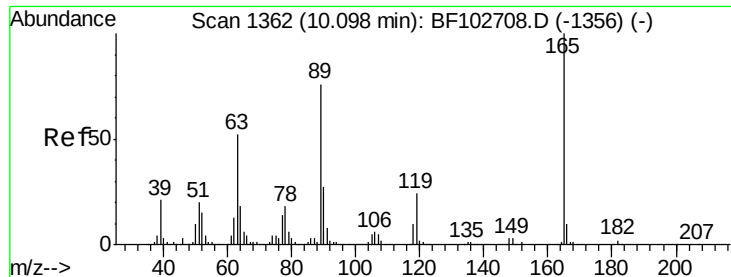
#55
4-Nitrophenol
Concen: 67.511 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.02 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.0	48.4	88.4
65	99.7	72.6	112.6



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

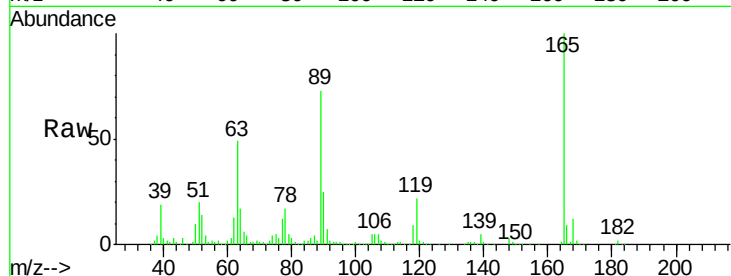




#56
2,4-Dinitrotoluene
Concen: 39.572 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.5	36.4	54.6
89	72.5	57.8	86.6
182	2.1	1.6	2.4

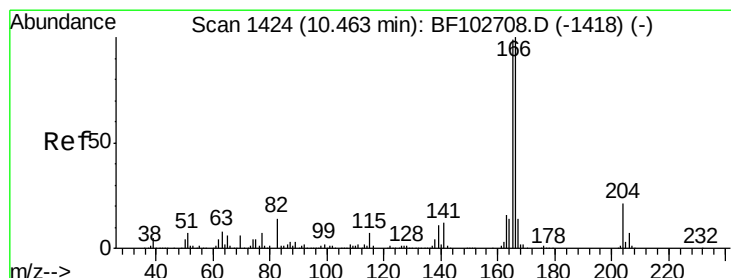
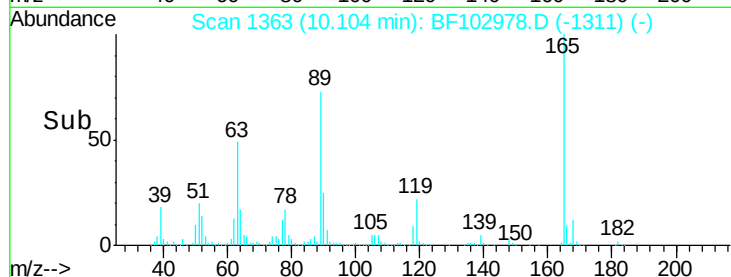
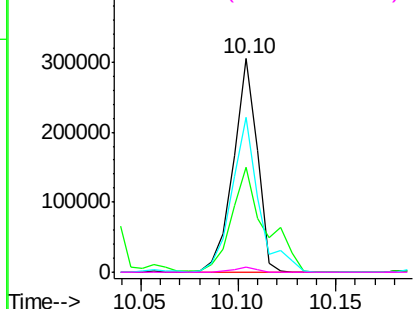


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

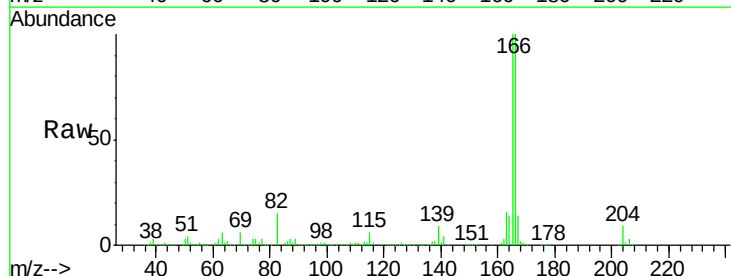
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 34.580 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

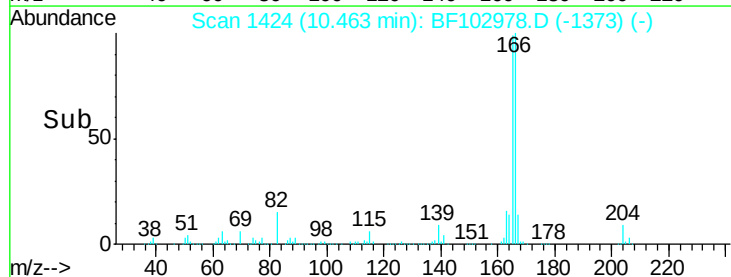
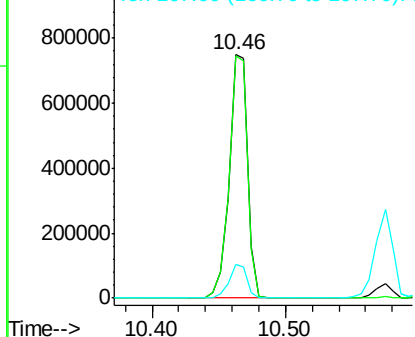
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.8	119.8
167	14.1	10.6	16.0

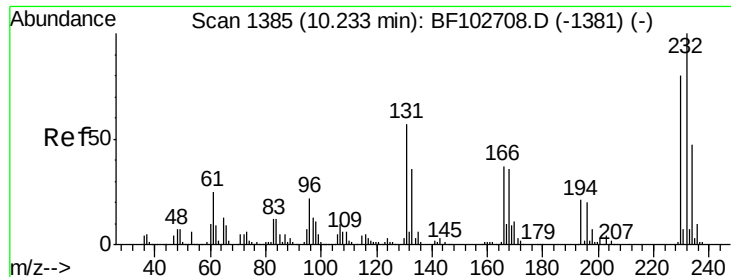


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

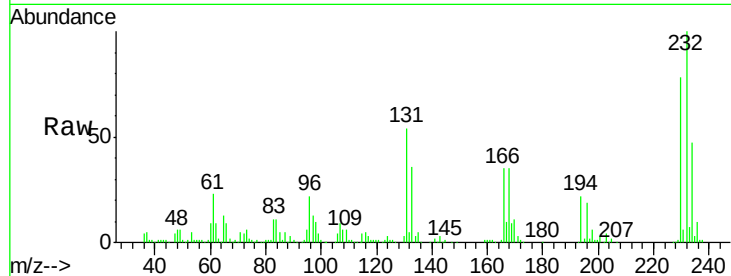




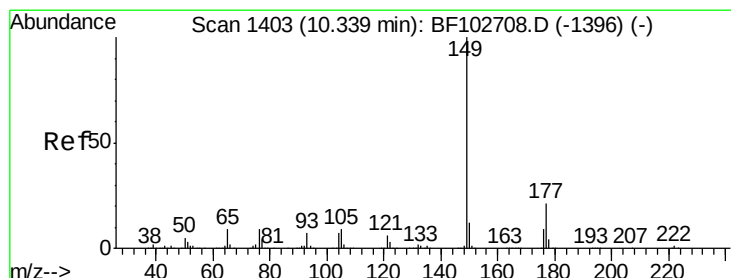
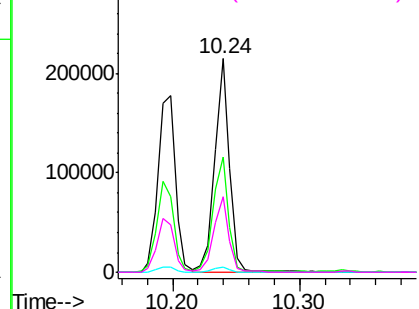
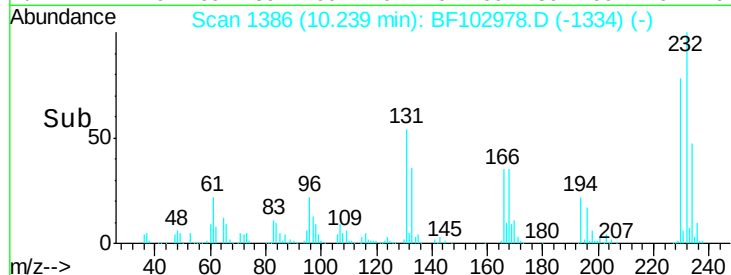
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.012 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. 0.01 min
 Lab File: BF102978.D
 Acq: 14 Feb 2018 10:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 176744
 Ion Ratio Lower Upper
 232 100
 131 55.6 43.8 65.8
 130 2.7 2.1 3.1
 166 36.2 27.8 41.6

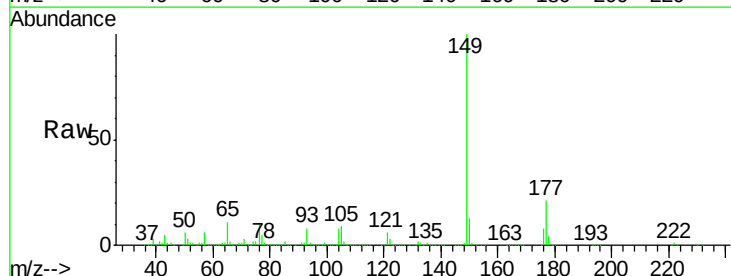


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

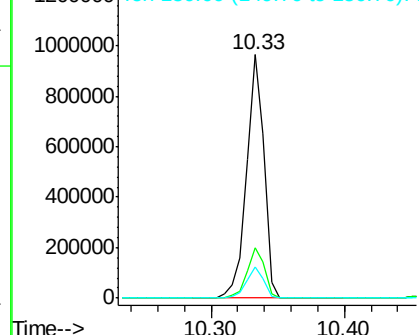
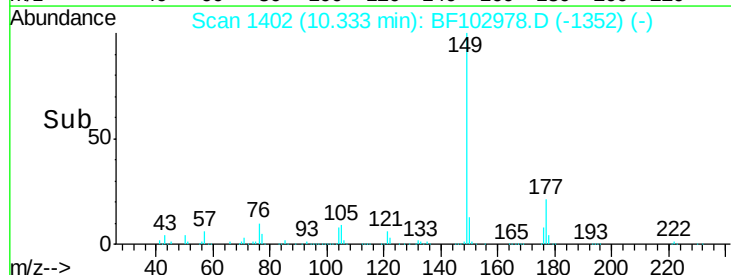


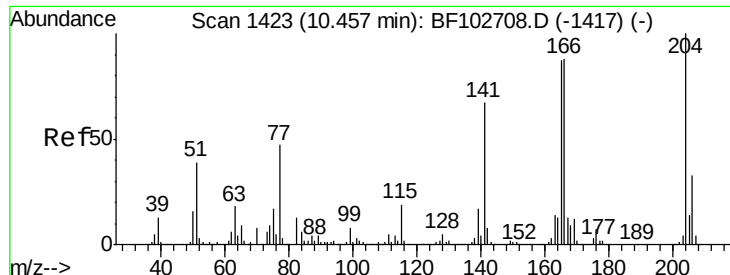
#59
 Diethylphthalate
 Concen: 33.996 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF102978.D
 Acq: 14 Feb 2018 10:12

Tgt Ion:149 Resp: 871107
 Ion Ratio Lower Upper
 149 100
 177 20.7 16.1 24.1
 150 12.9 10.1 15.1



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

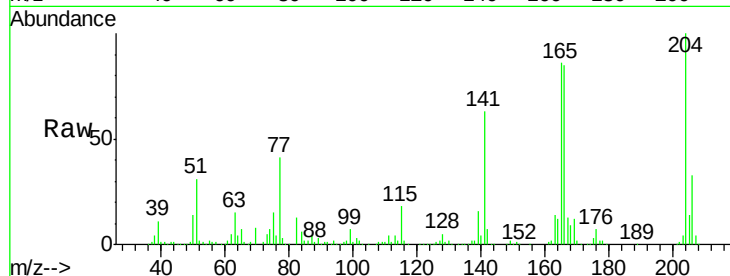




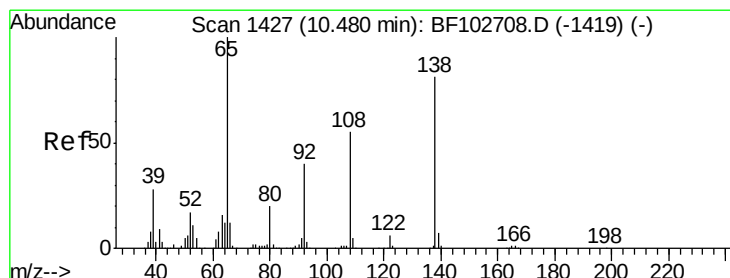
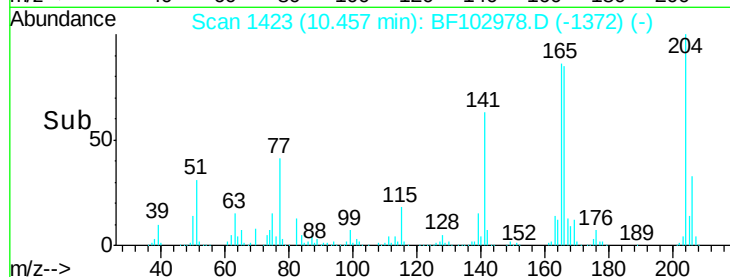
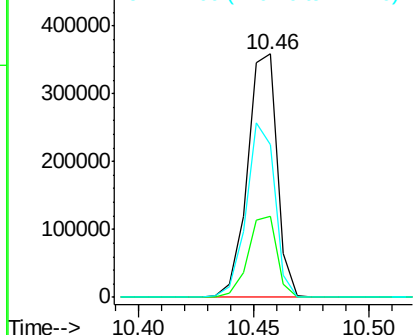
#60
4-Chlorophenyl-phenylether
Concen: 34.715 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 322779
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 62.8 54.6 81.8

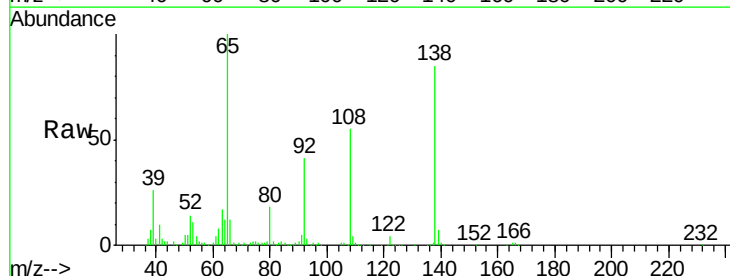


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

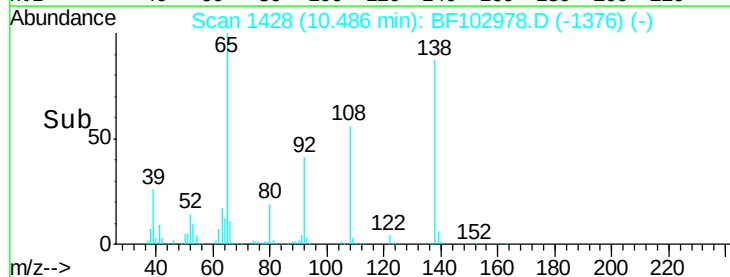
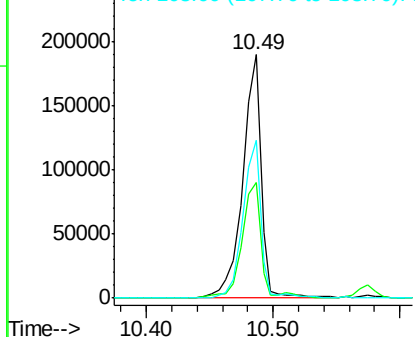


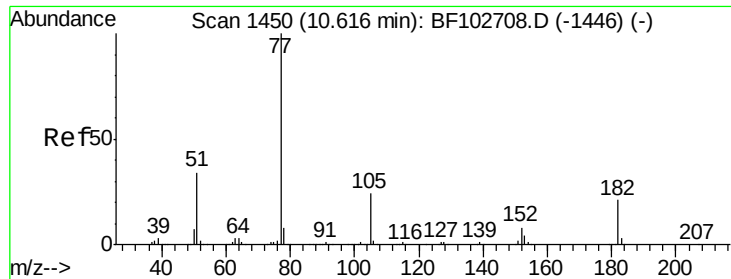
#61
4-Nitroaniline
Concen: 33.139 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Tgt Ion:138 Resp: 191624
Ion Ratio Lower Upper
138 100
92 47.5 30.2 70.2
108 64.8 52.5 92.5



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





#62

Azobenzene

Concen: 33.627 ng

RT: 10.62 min Scan# 1450

Delta R.T. 0.00 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 860799

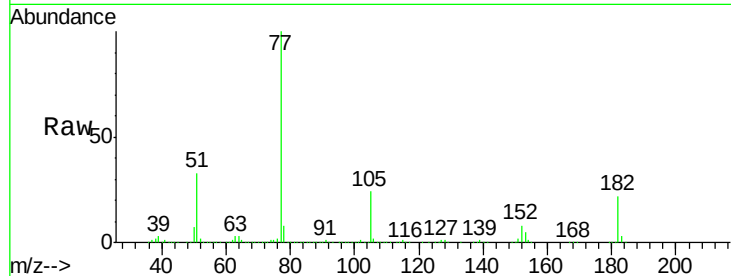
Ion Ratio Lower Upper

77 100

182 22.2 1.7 41.7

105 24.3 3.0 43.0

51 32.8 9.9 49.9

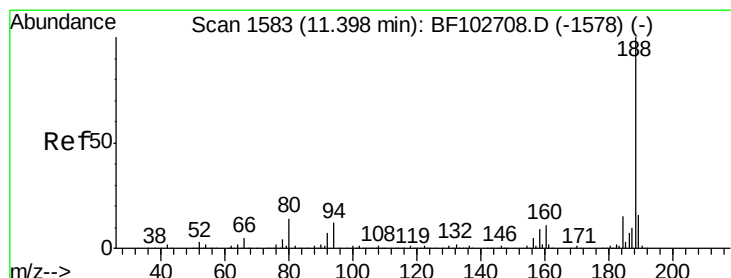
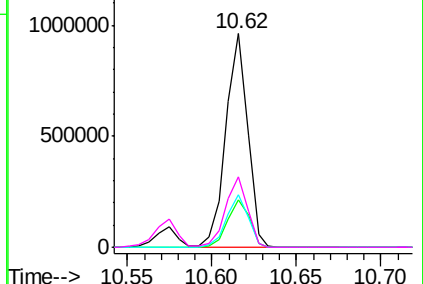
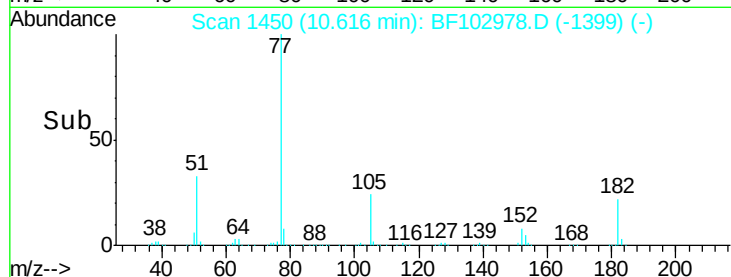


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

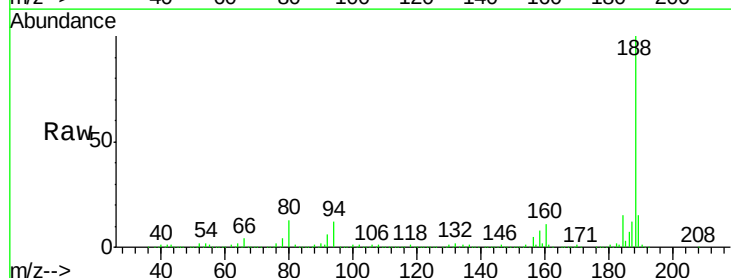
Tgt Ion: 188 Resp: 601649

Ion Ratio Lower Upper

188 100

94 11.7 8.5 12.7

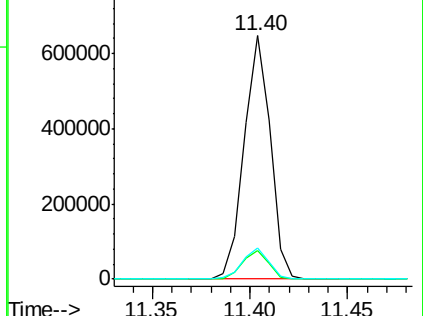
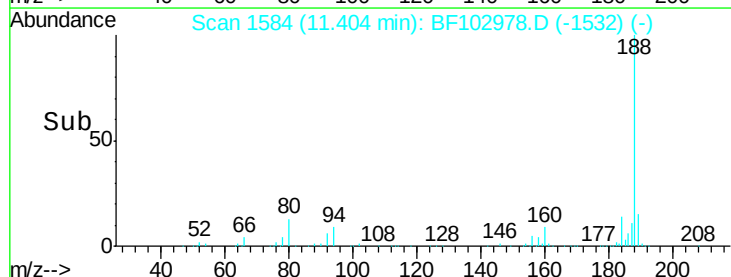
80 13.0 9.2 13.8

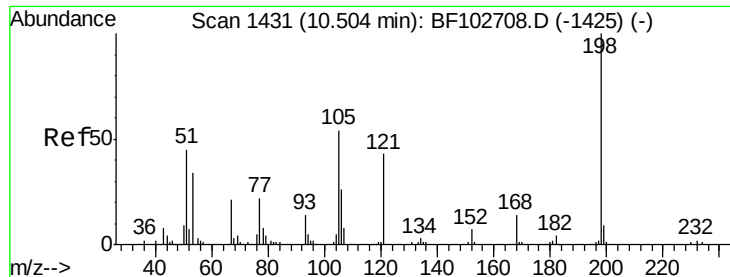


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

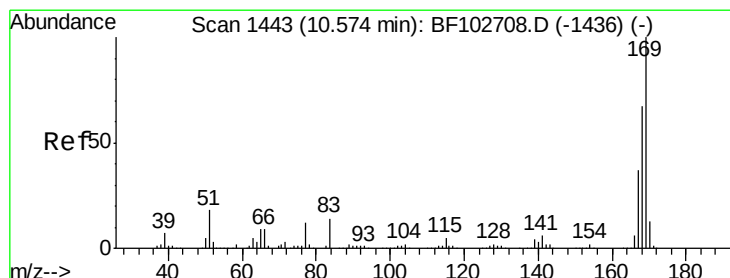
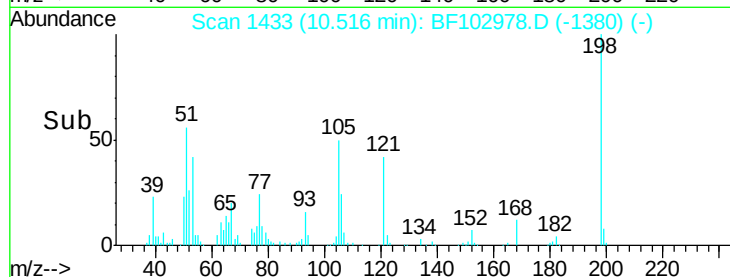
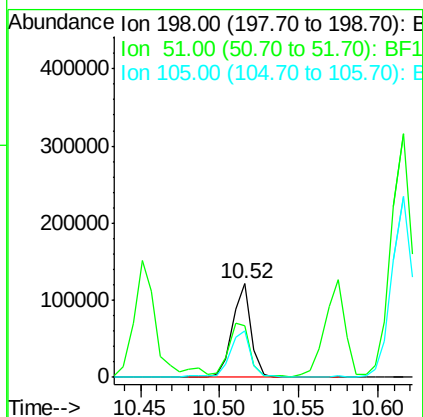
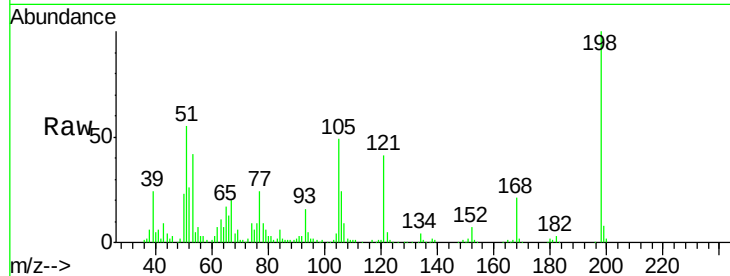




#64
4,6-Dinitro-2-methylphenol
Concen: 42.089 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

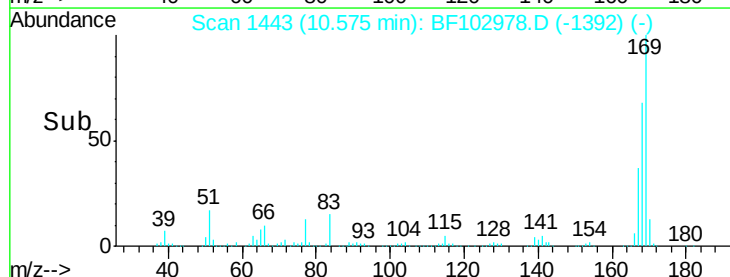
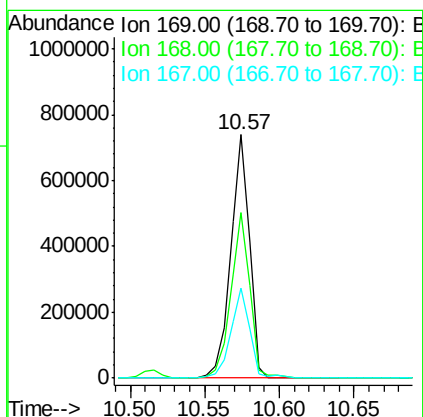
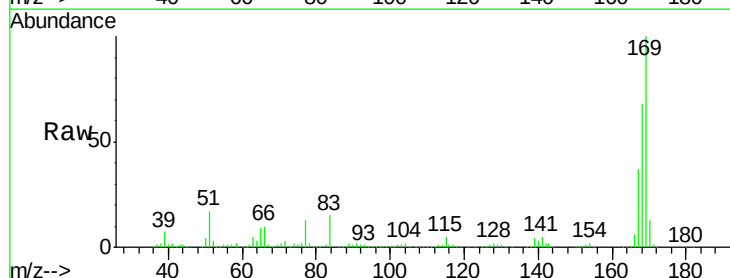
Instrument :
BNA_F
ClientSampled :

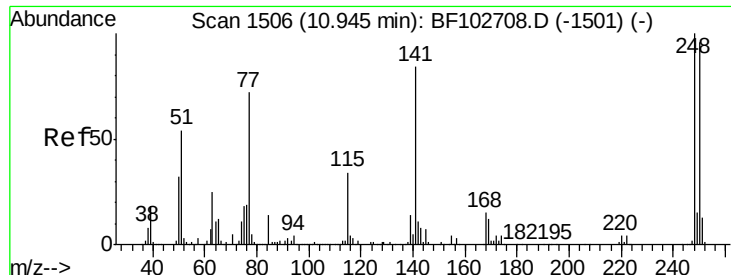
Tot Ion:198 Resp: 100224
Ion Ratio Lower Upper
198 100
51 54.8 37.7 77.7
105 49.3 36.3 76.3



#65
n-Nitrosodiphenylamine
Concen: 31.078 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Tgt Ion:169 Resp: 659529
Ion Ratio Lower Upper
169 100
168 67.9 54.4 81.6
167 36.8 29.8 44.6

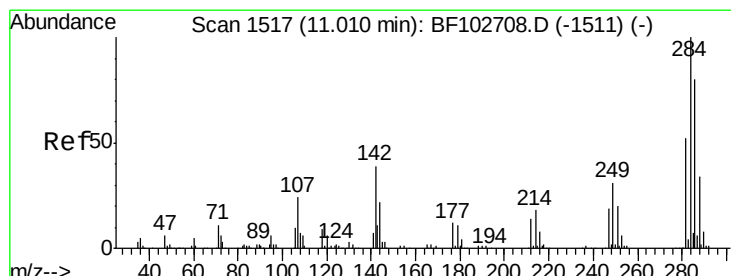
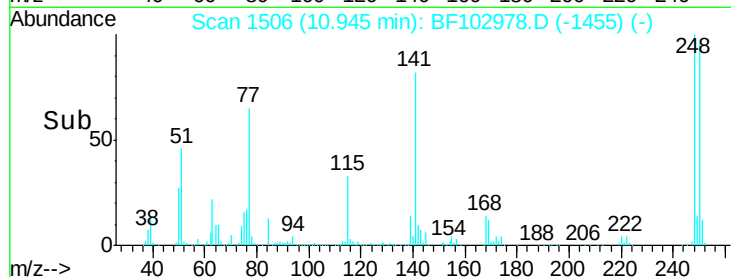
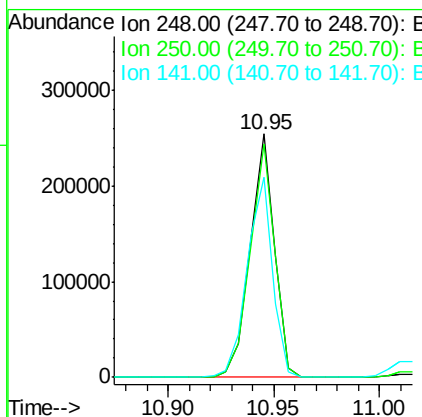
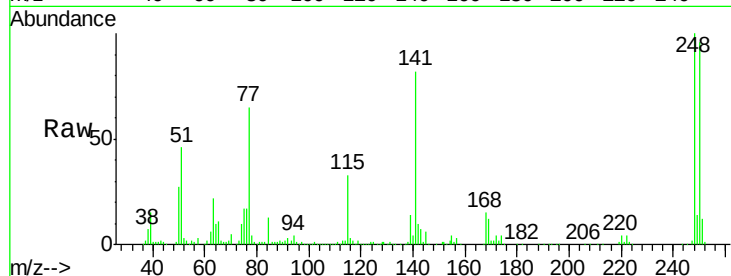




#66
 4-Bromophenyl-phenylether
 Concen: 32.161 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. 0.00 min
 Lab File: BF102978.D
 Acq: 14 Feb 2018 10:12

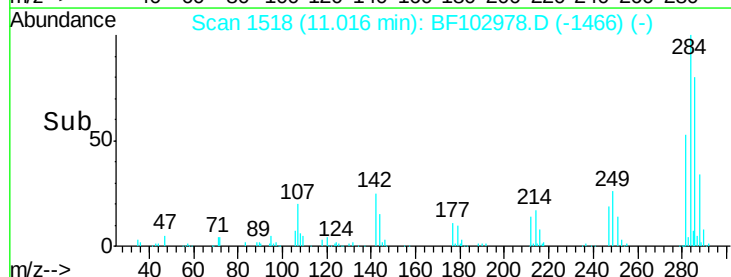
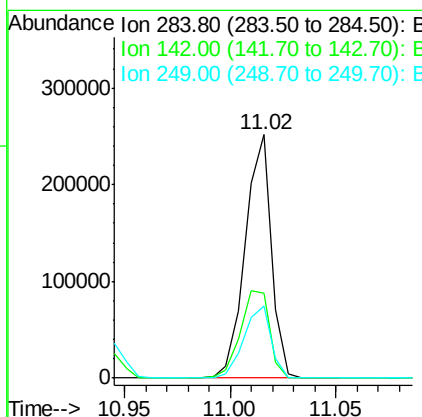
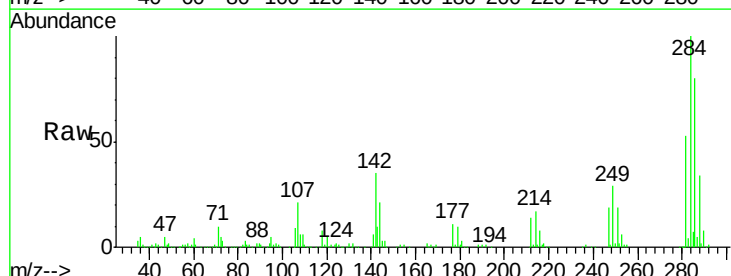
Instrument :
 BNA_F
 ClientSampled :

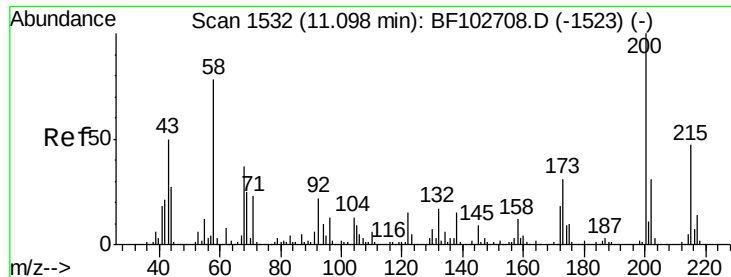
Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	76.9	115.3
141	82.1	74.4	111.6



#67
 Hexachlorobenzene
 Concen: 30.754 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. 0.01 min
 Lab File: BF102978.D
 Acq: 14 Feb 2018 10:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.7	34.6	52.0
249	29.4	24.8	37.2

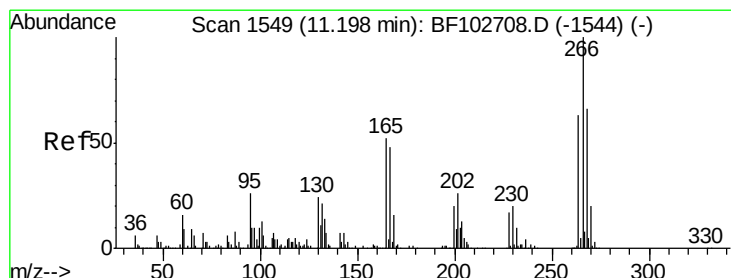
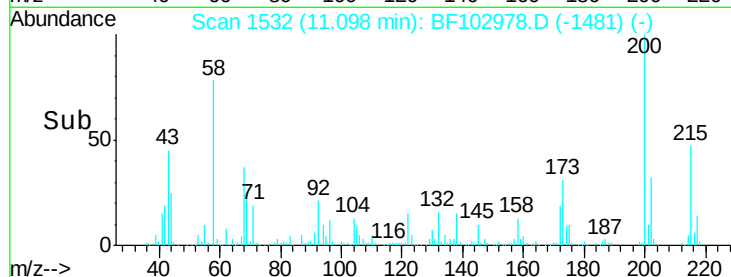
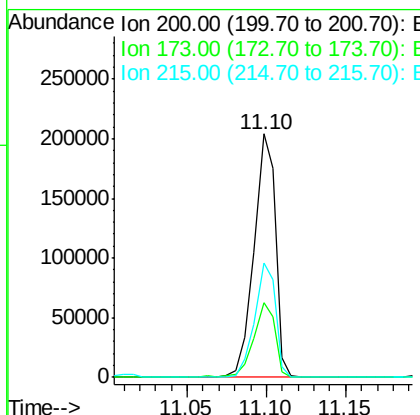
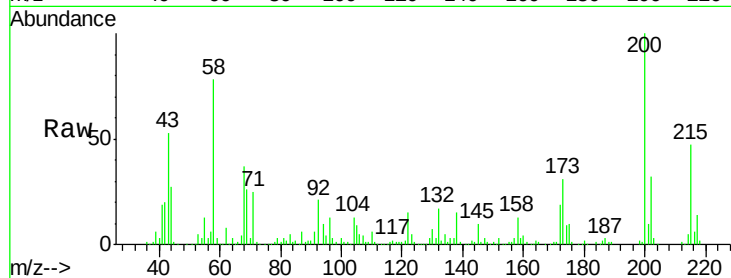




#68
Atrazine
Concen: 30.701 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

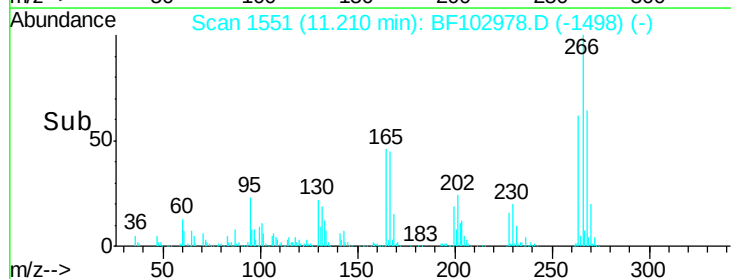
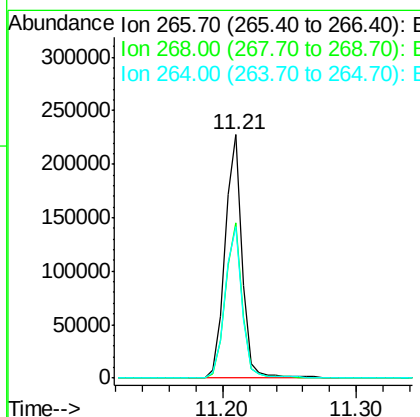
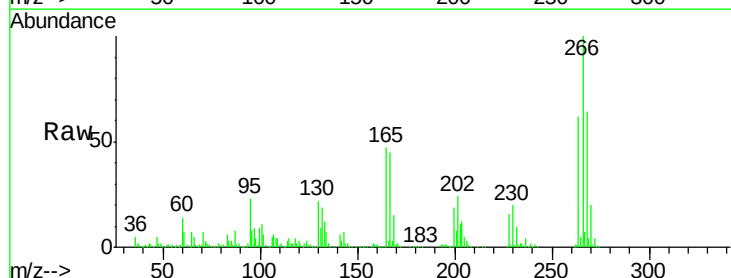
Instrument :
BNA_F
ClientSampleId :

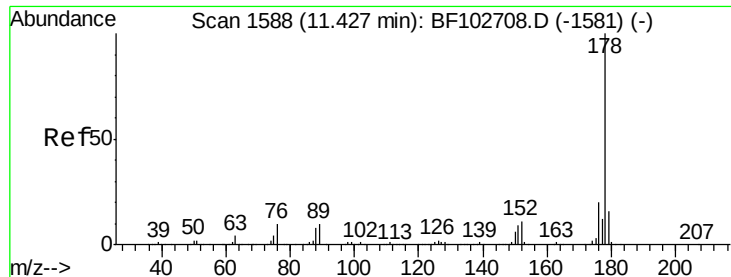
Tot Ion	Ratio	Lower	Upper
200	100		
173	30.5	8.6	48.6
215	47.0	25.1	65.1



#69
Pentachlorophenol
Concen: 50.271 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.01 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.1	76.7
264	62.0	49.5	74.3





#70

Phenanthrene

Concen: 31.446 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.00 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

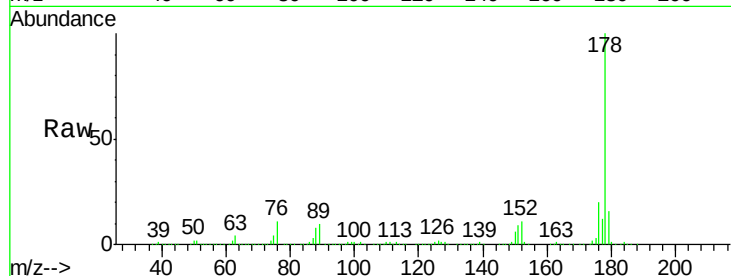
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1053697

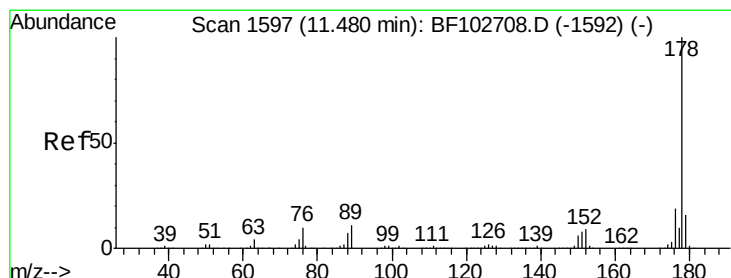
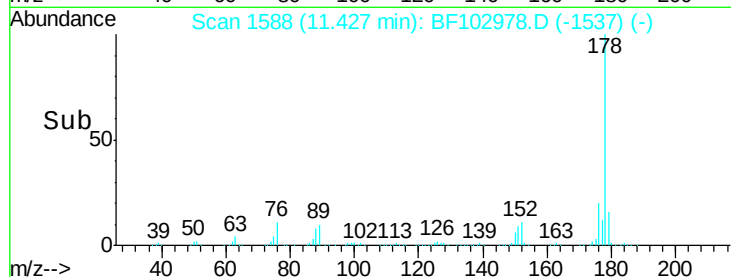
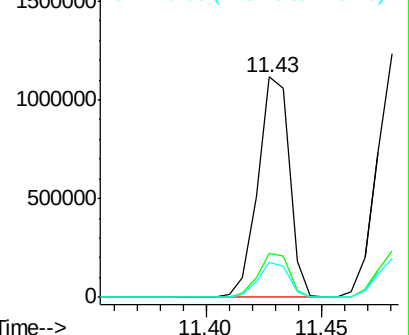
Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	16.0	13.0	19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 32.405 ng

RT: 11.48 min Scan# 1597

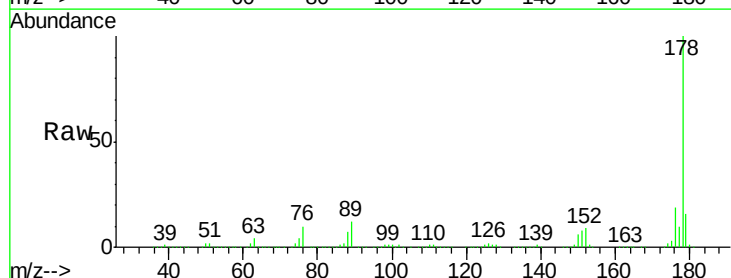
Delta R.T. 0.00 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

Tgt Ion:178 Resp: 1104387

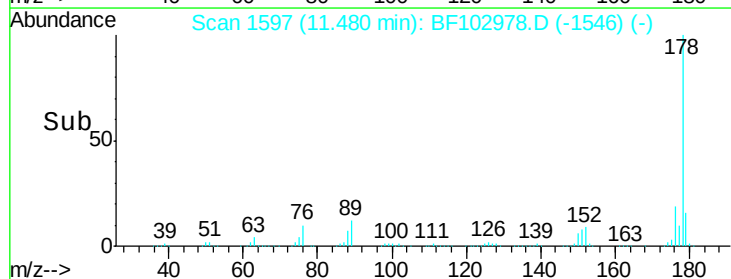
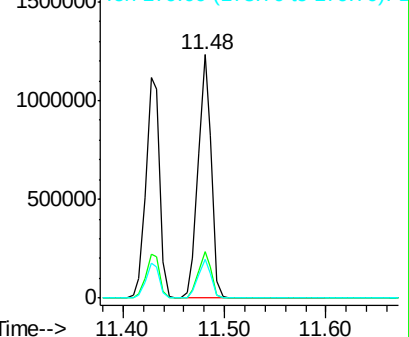
Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.9	12.6	19.0

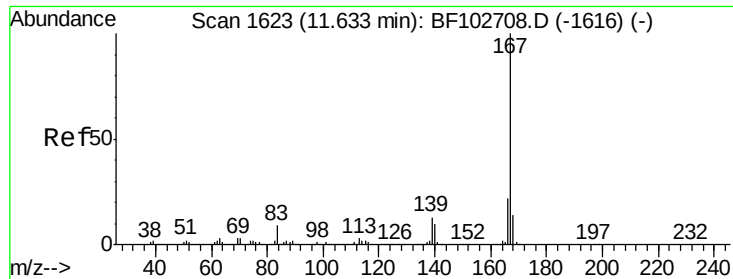


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 30.899 ng

RT: 11.63 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

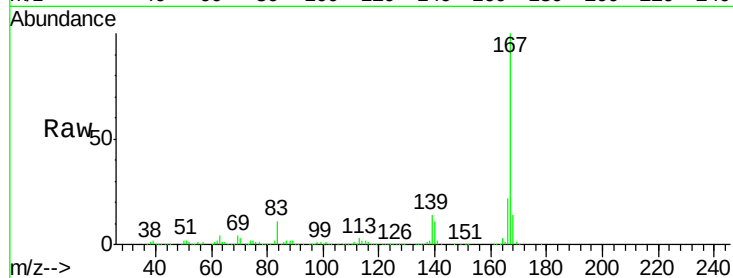
Instrument :

BNA_F

ClientSampleId :

Tot Ion:167 Resp: 1031681

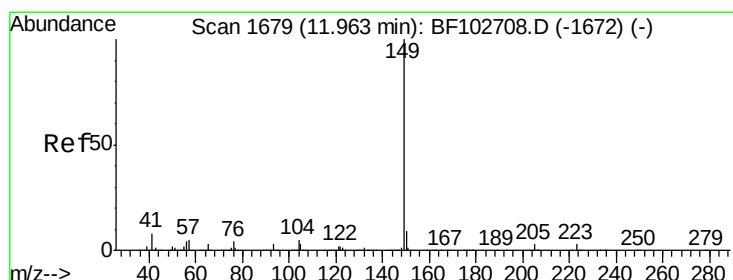
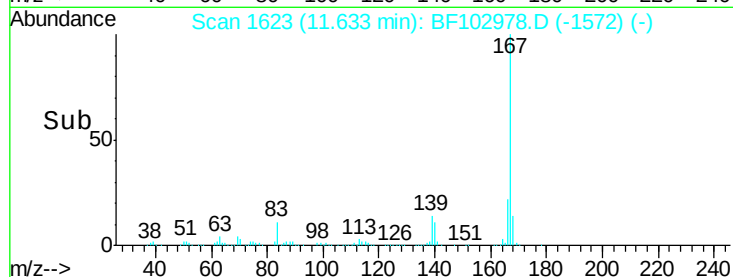
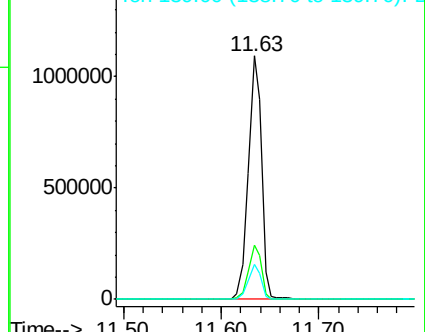
Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	14.2	10.9	16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 33.880 ng

RT: 11.96 min Scan# 1678

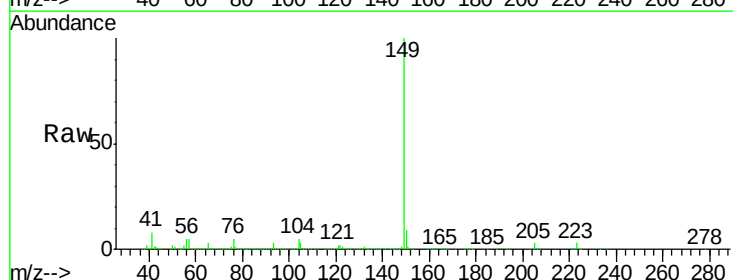
Delta R.T. -0.01 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

Tgt Ion:149 Resp: 1374093

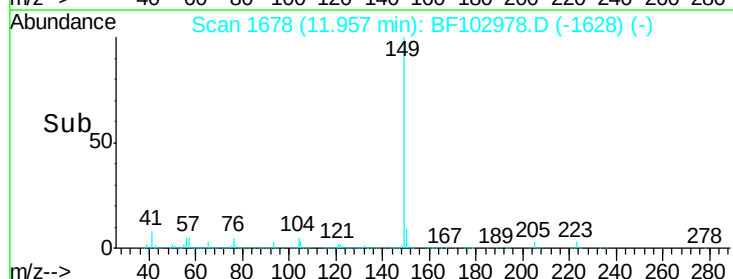
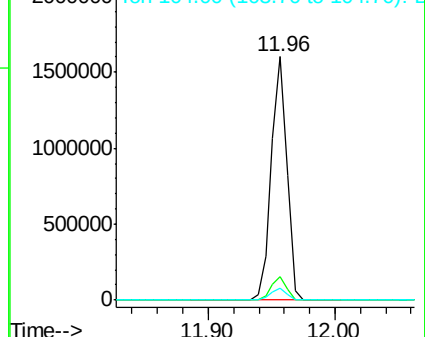
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	4.7	3.8	5.8

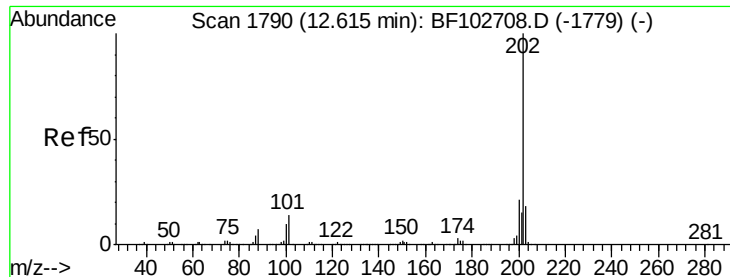


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 32.007 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.01 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

Instrument :

BNA_F

ClientSampled :

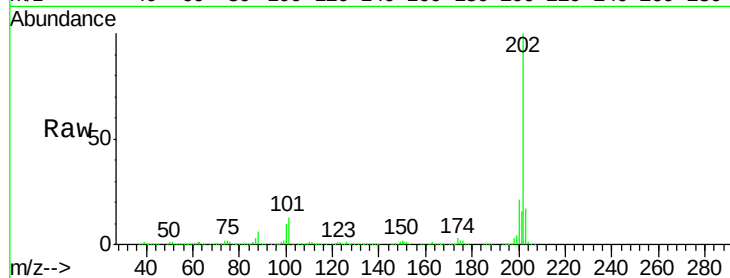
Tot Ion:202 Resp: 1079055

Ion Ratio Lower Upper

202 100

101 13.3 0.0 34.1

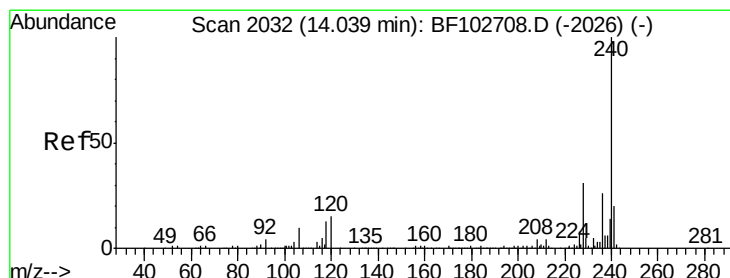
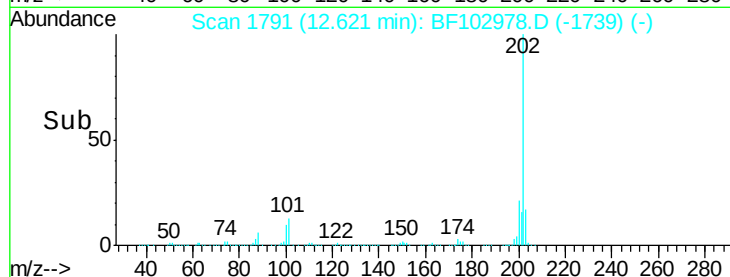
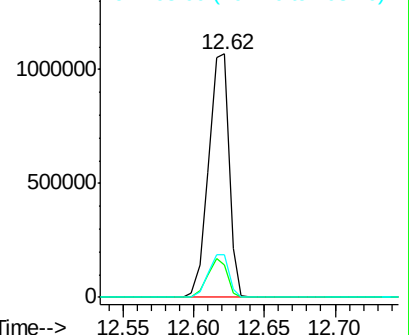
203 17.4 0.0 38.1



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: BF102978.D

Acq: 14 Feb 2018 10:12

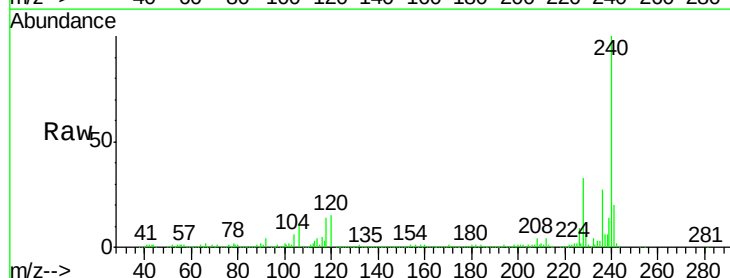
Tgt Ion:240 Resp: 399759

Ion Ratio Lower Upper

240 100

120 15.2 9.5 14.3#

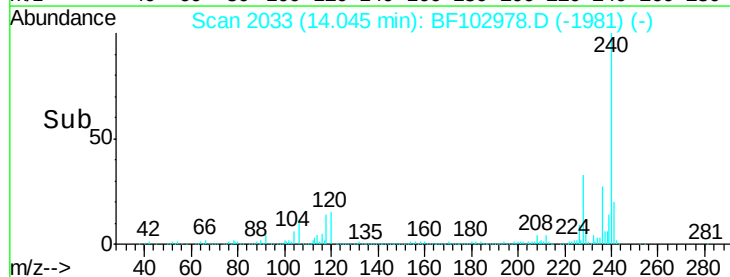
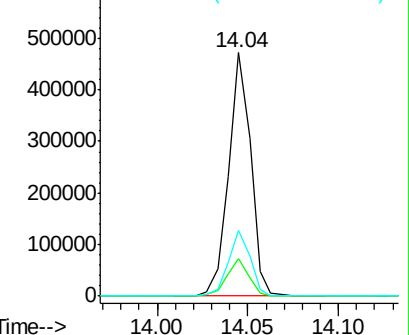
236 27.0 20.7 31.1

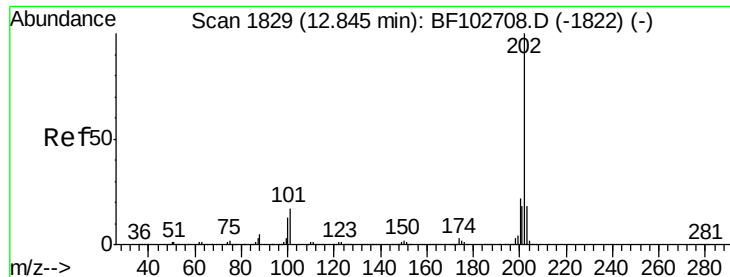


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 35.184 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

Instrument :

BNA_F

ClientSampleId :

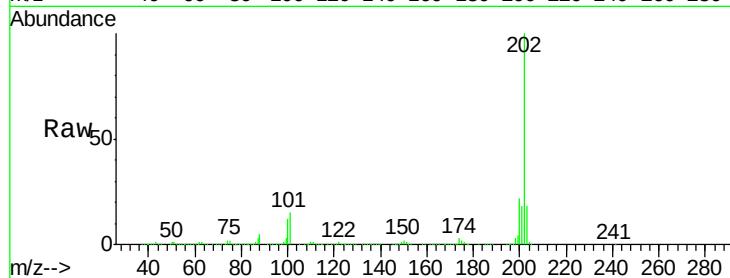
Tot Ion:202 Resp: 1102915

Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.2

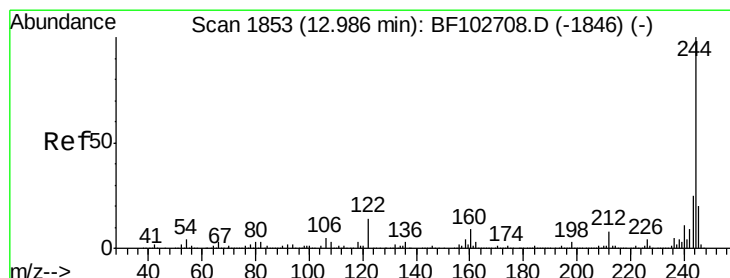
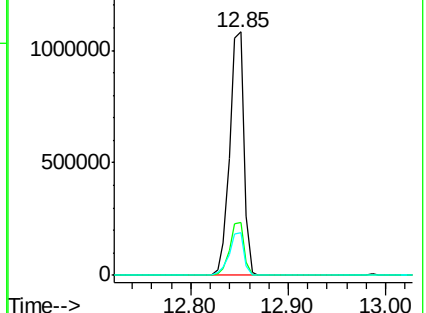
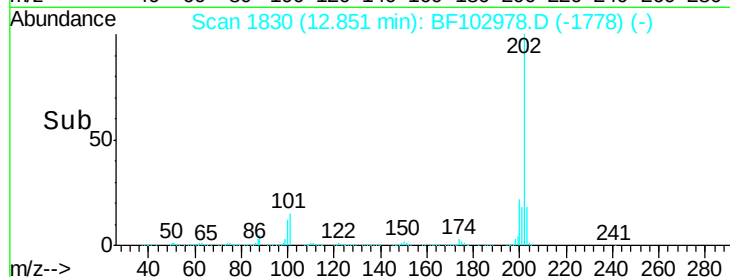
203 17.6 14.3 21.5



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: 93.414 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

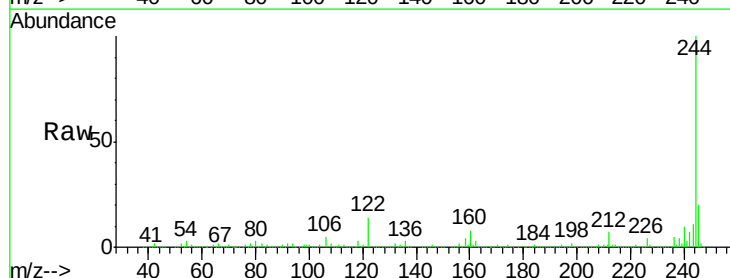
Tgt Ion:244 Resp: 1577133

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

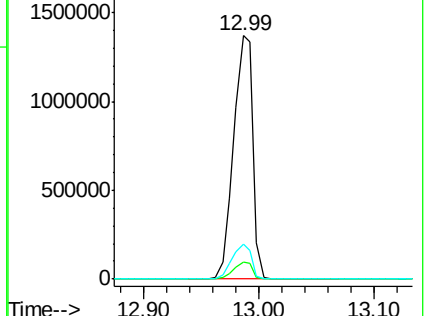
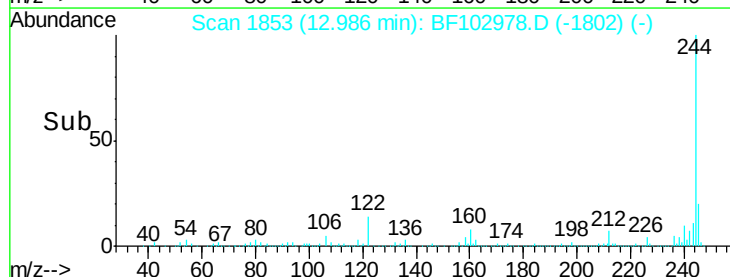
122 14.2 11.0 16.4

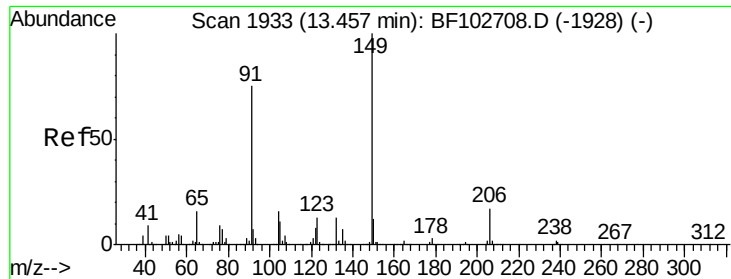


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

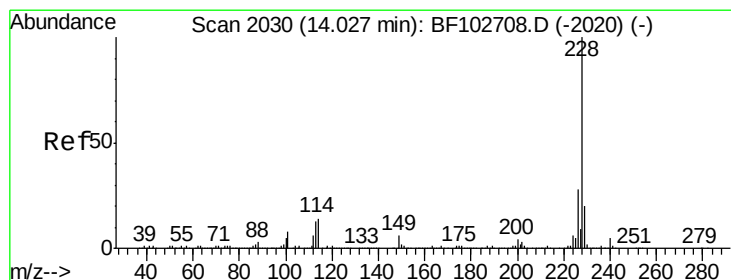
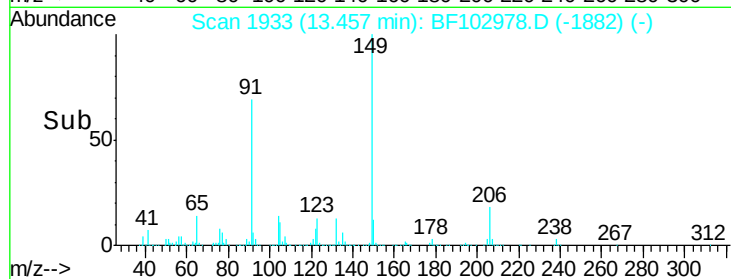
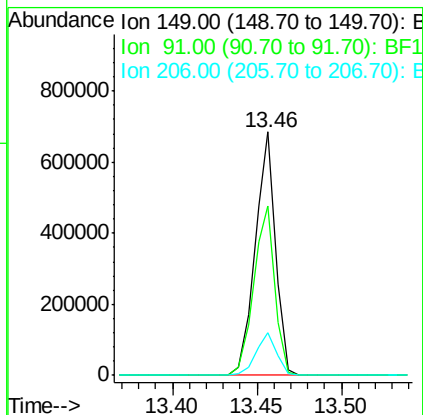
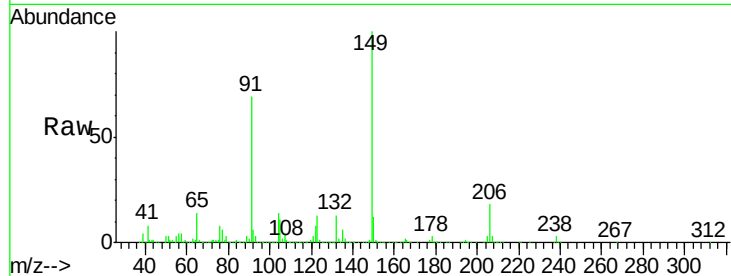




#79
Butylbenzylphthalate
Concen: 38.518 ng
RT: 13.46 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

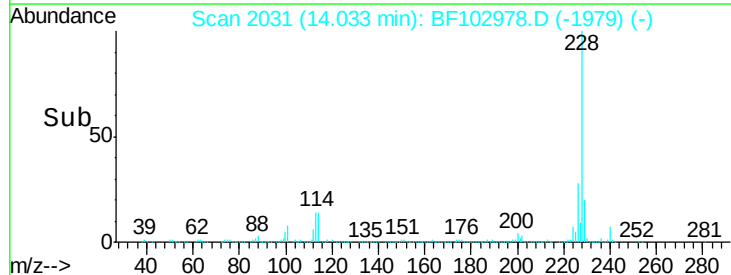
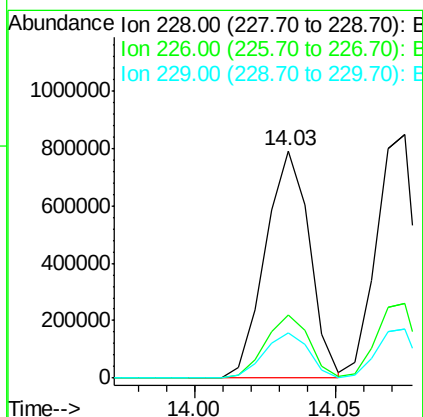
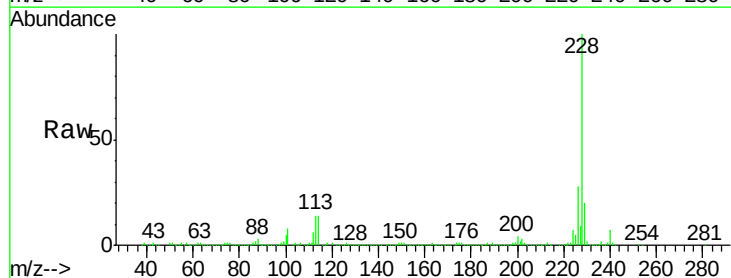
Instrument :
BNA_F
ClientSampleId :

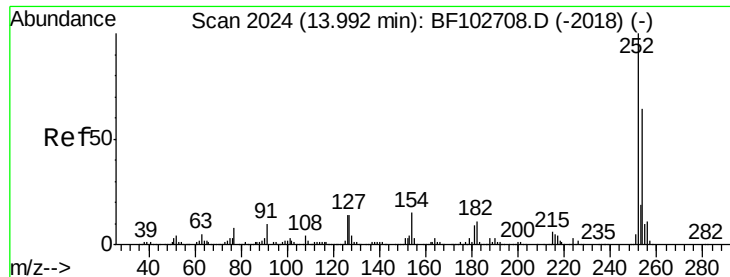
Tot Ion:149 Resp: 574459
Ion Ratio Lower Upper
149 100
91 69.4 56.8 85.2
206 17.8 14.1 21.1



#80
Benzo(a)anthracene
Concen: 34.113 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Tgt Ion:228 Resp: 857629
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 19.8 15.8 23.6

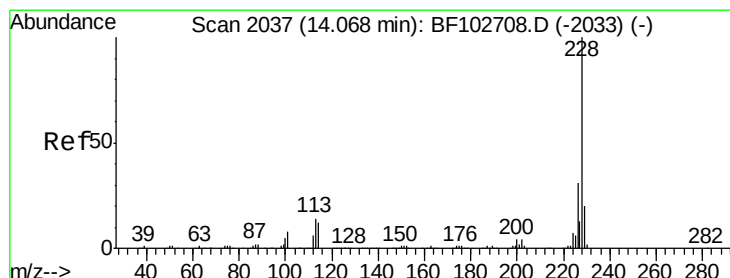
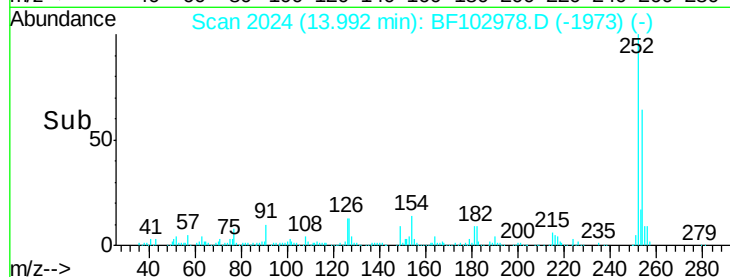
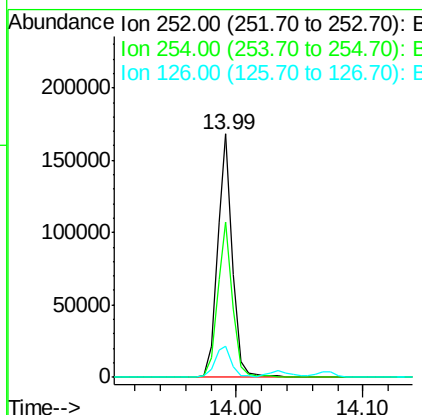
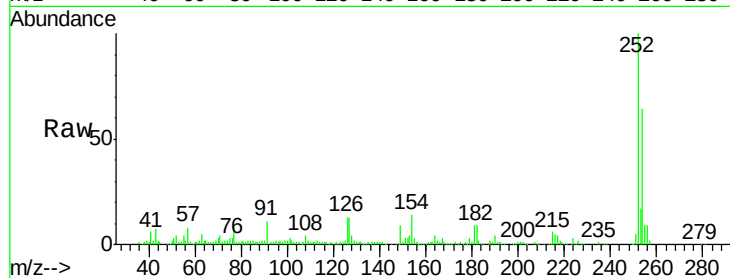




#81
 3,3'-Dichlorobenzidine
 Concen: 14.889 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BF102978.D
 Acq: 14 Feb 2018 10:12

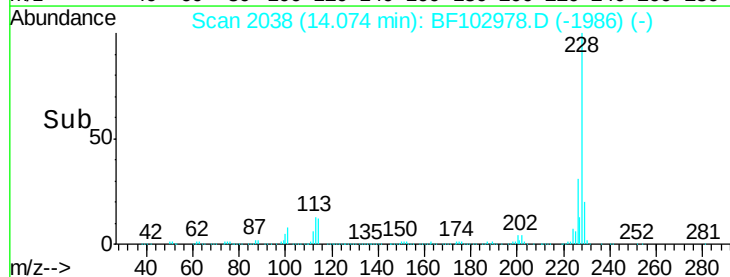
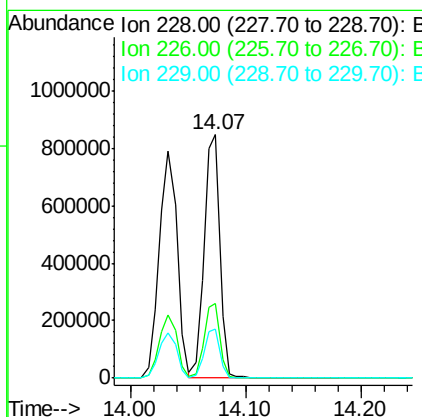
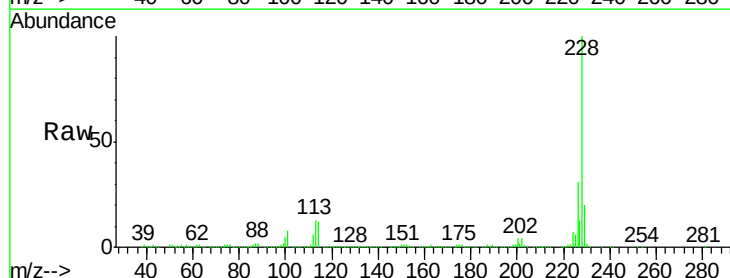
Instrument :
 BNA_F
 ClientSampleId :

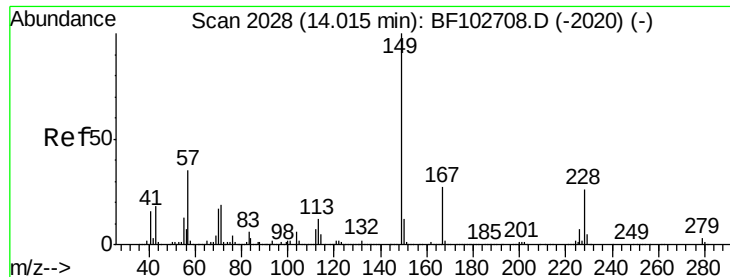
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.8	50.4	75.6
126	12.9	11.3	16.9



#82
 Chrysene
 Concen: 31.918 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. 0.01 min
 Lab File: BF102978.D
 Acq: 14 Feb 2018 10:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	19.9	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.776 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

Instrument :

BNA_F

ClientSampleId :

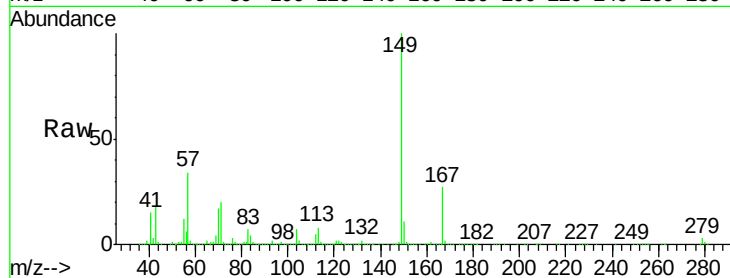
Tot Ion:149 Resp: 802226

Ion Ratio Lower Upper

149 100

167 27.1 21.3 31.9

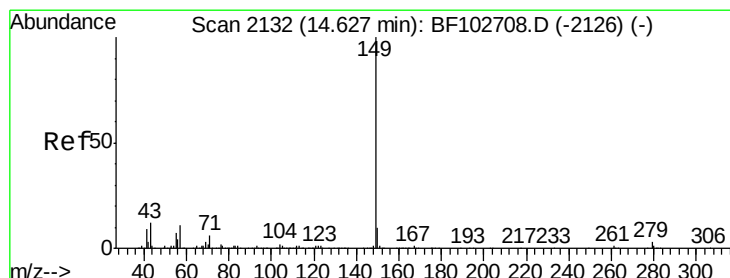
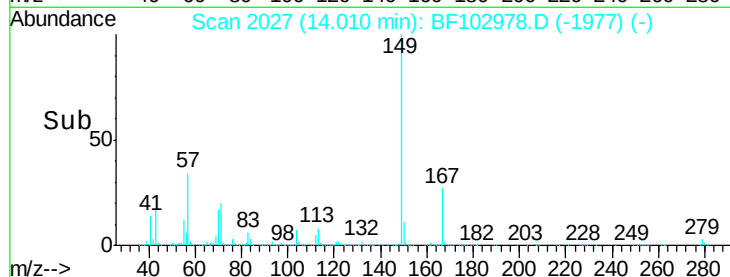
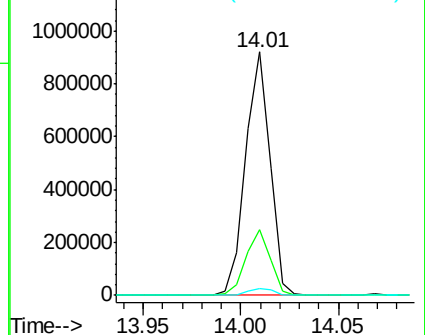
279 3.0 3.0 4.4



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: 41.248 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

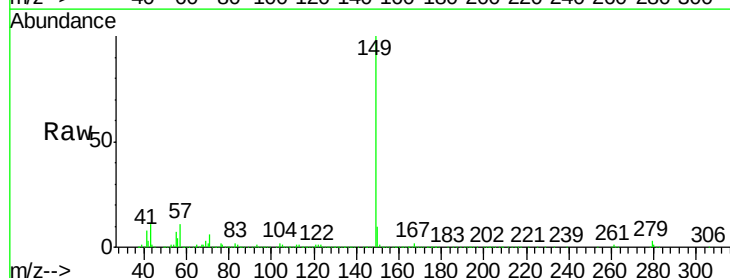
Tgt Ion:149 Resp: 1189342

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

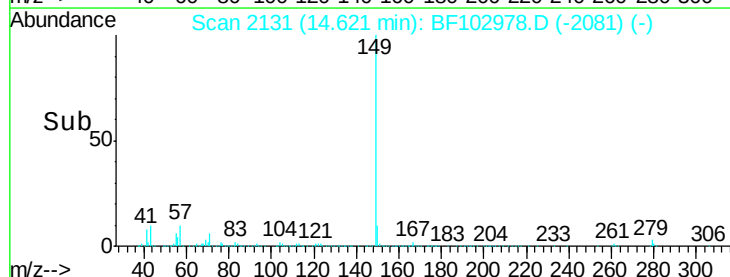
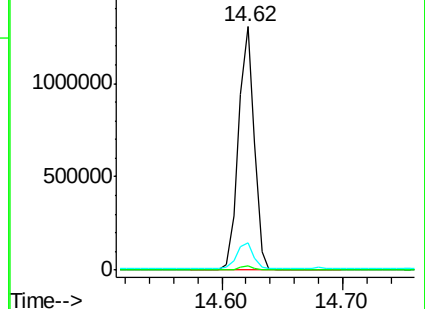
43 10.9 8.4 12.6

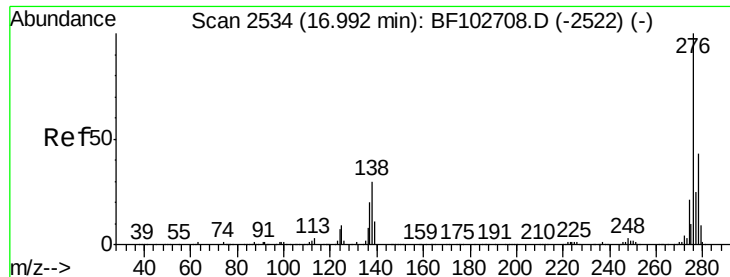


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

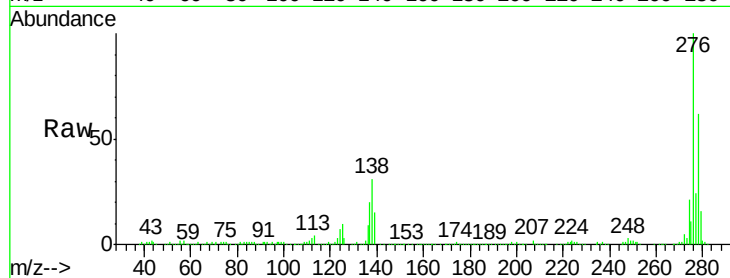




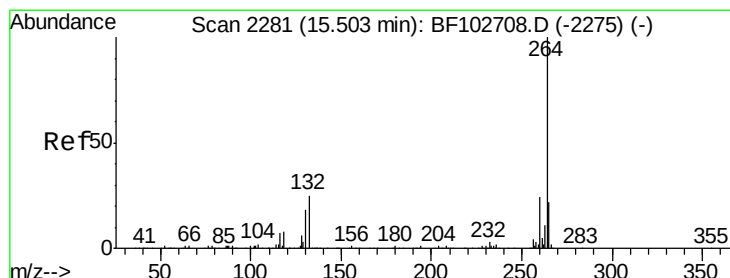
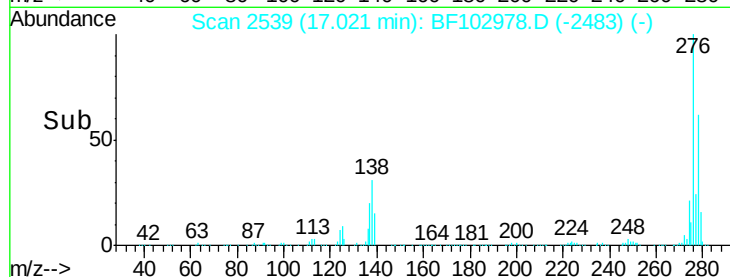
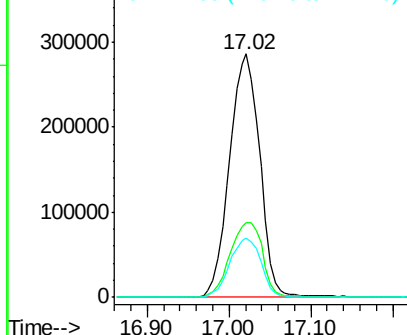
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.111 ng
RT: 17.02 min Scan# 2539
Delta R.T. 0.03 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.8	25.0	37.6
277	25.2	20.1	30.1

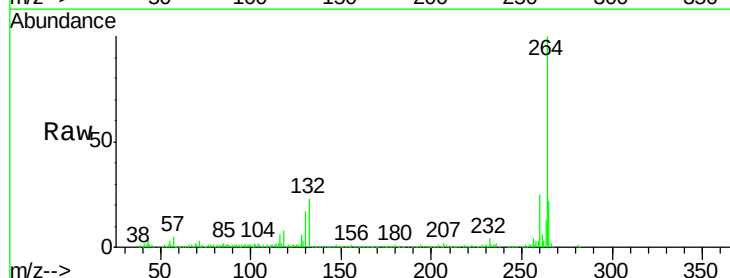


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

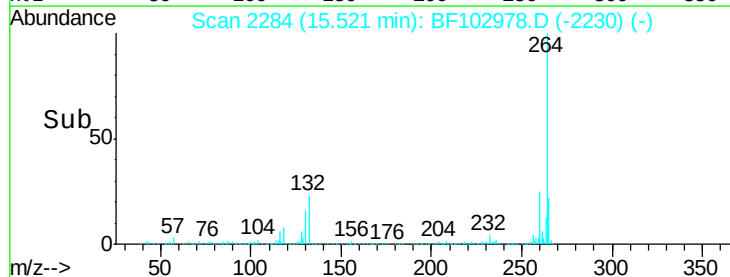
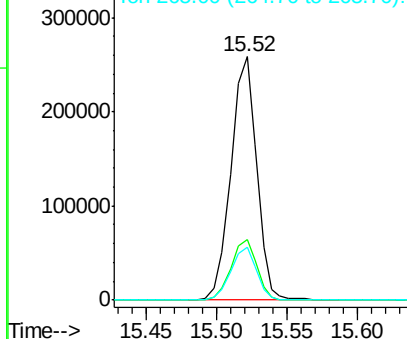


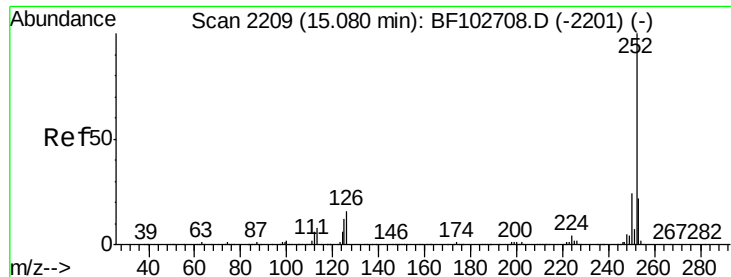
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.02 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	22.0	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

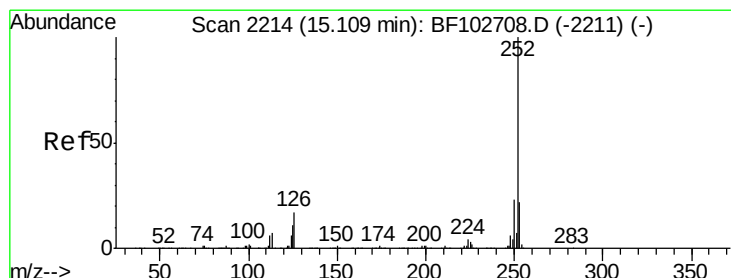
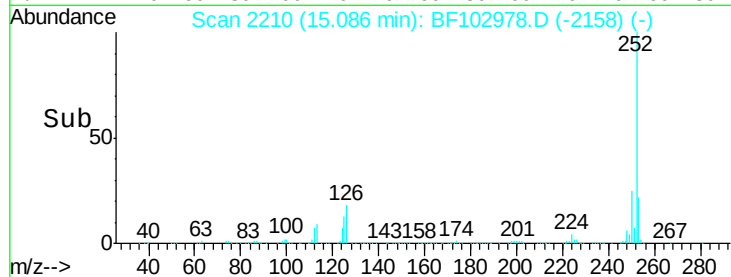
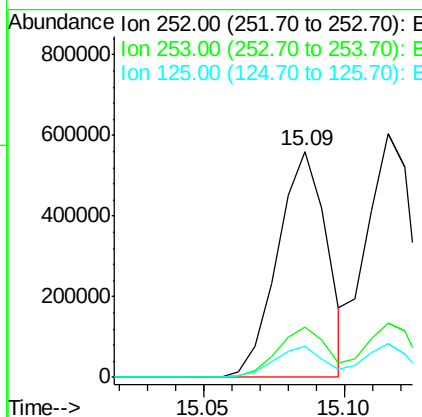
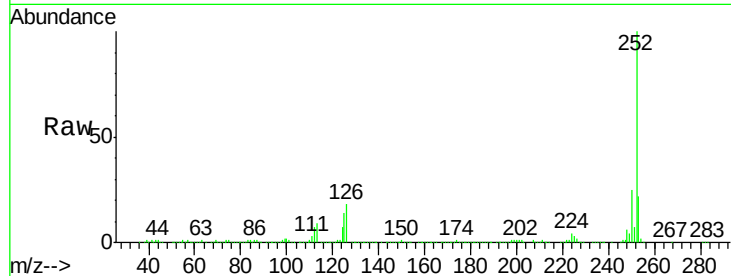




#87
Benzo(b)fluoranthene
Concen: 31.999 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.01 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

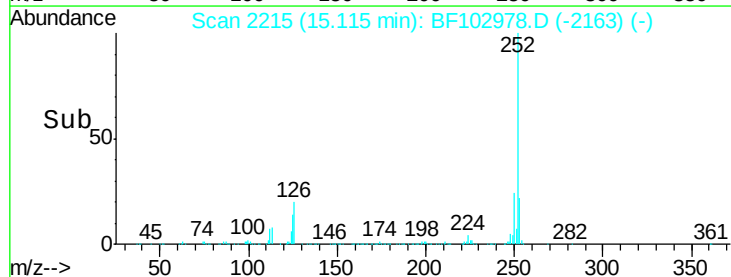
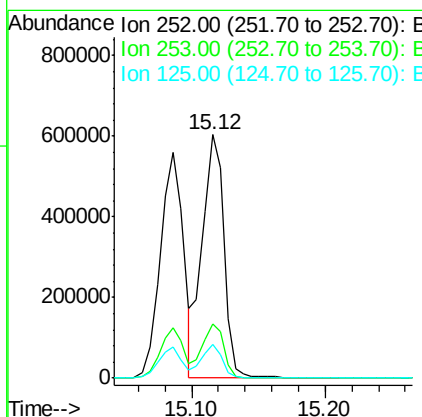
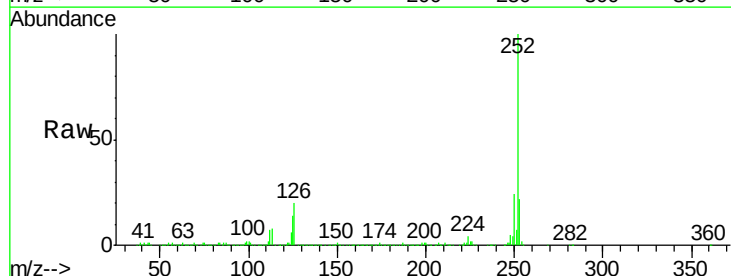
Instrument :
BNA_F
ClientSampleId :

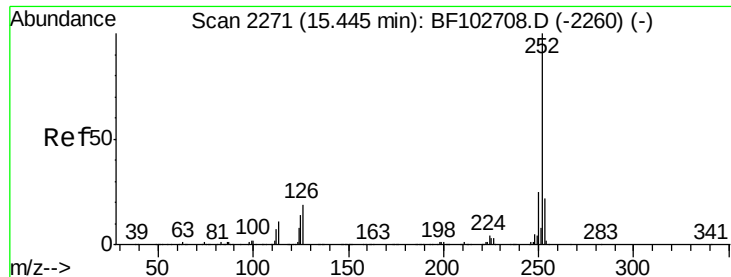
Tot Ion:252 Resp: 682382
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 13.6 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 33.382 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.01 min
Lab File: BF102978.D
Acq: 14 Feb 2018 10:12

Tgt Ion:252 Resp: 680191
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 14.0 10.2 15.2





#89

Benzo(a)pyrene

Concen: 33.824 ng

RT: 15.46 min Scan# 2273

Delta R.T. 0.01 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

Instrument :

BNA_F

ClientSampleId :

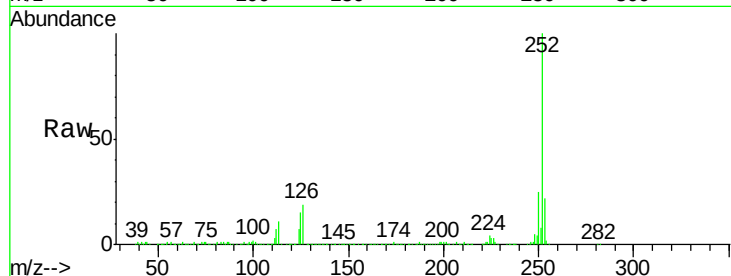
Tot Ion:252 Resp: 649245

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

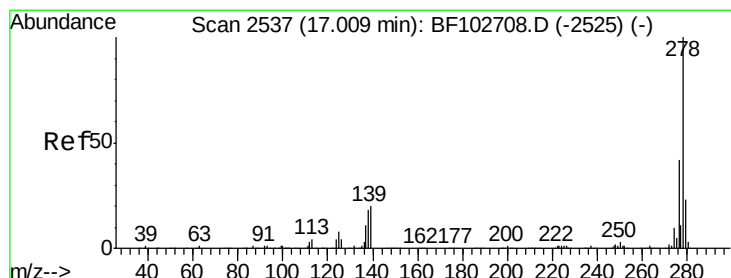
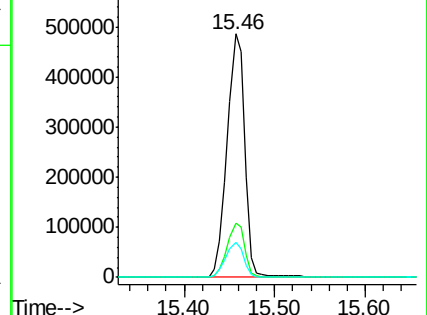
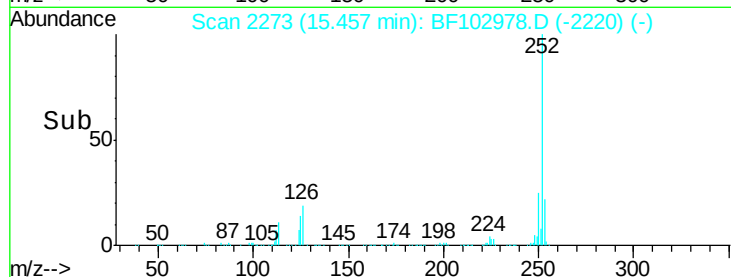
125 14.6 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.316 ng

RT: 17.04 min Scan# 2542

Delta R.T. 0.03 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

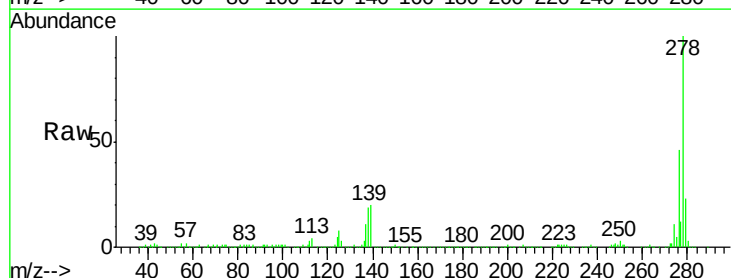
Tgt Ion:278 Resp: 612548

Ion Ratio Lower Upper

278 100

139 19.5 15.9 23.9

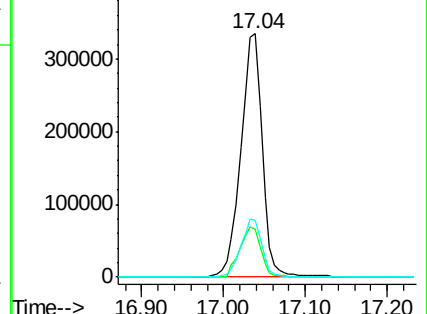
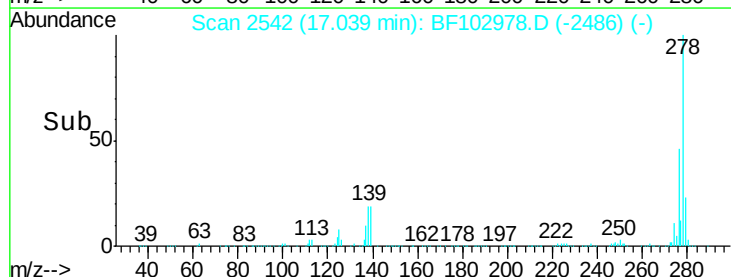
279 23.4 19.0 28.4

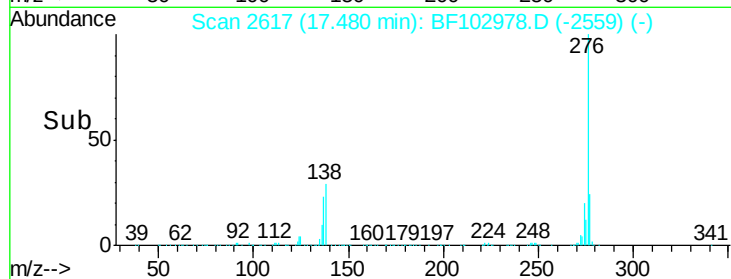
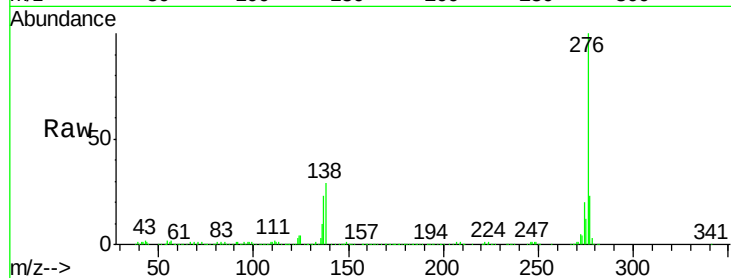
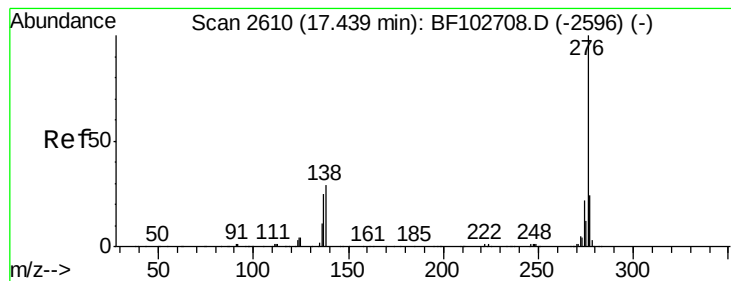


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 42.005 ng

RT: 17.48 min Scan# 2617

Delta R.T. 0.04 min

Lab File: BF102978.D

Acq: 14 Feb 2018 10:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 276 Resp: 640562

Ion Ratio Lower Upper

276 100

277 23.4 17.9 26.9

138 28.6 21.8 32.8

