

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
 Data File : BF102952.D
 Acq On : 13 Feb 2018 10:46
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 14 00:02:53 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	222019	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	928667	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	419898	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	716359	20.00	ng	0.00
75) Chrysene-d12	14.04	240	497529	20.00	ng	0.00
86) Perylene-d12	15.52	264	477453	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1106909	75.72	ng	0.00
7) Phenol-d6	6.50	99	1357782	77.13	ng	0.00
23) Nitrobenzene-d5	7.45	82	1244434	92.96	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	286111	84.66	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1835814	72.55	ng	0.00
78) Terphenyl-d14	12.99	244	1509551	71.84	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.66	88	296848	41.11	ng	89
3) Pyridine	3.43	79	839882	42.10	ng	91
4) n-Nitrosodimethylamine	3.39	42	352462	41.29	ng	91
6) Aniline	6.55	93	1019755	39.23	ng	96
8) 2-Chlorophenol	6.66	128	584937	38.86	ng	96
9) Benzaldehyde	6.43	77	439769	33.64	ng	97
10) Phenol	6.52	94	790937	41.93	ng	93
11) bis(2-Chloroethyl)ether	6.62	93	609645	38.84	ng	92
12) 1,3-Dichlorobenzene	6.82	146	652691	37.45	ng	98
13) 1,4-Dichlorobenzene	6.89	146	650615	37.47	ng	99
14) 1,2-Dichlorobenzene	7.05	146	590074	36.49	ng	97
15) Benzyl Alcohol	7.02	79	533949	39.45	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1090627	36.57	ng	98
17) 2-Methylphenol	7.13	107	544446	39.22	ng	99
18) Hexachloroethane	7.39	117	244254	41.03	ng	93
19) n-Nitroso-di-n-propylamine	7.30	70	438058	37.74	ng	97
20) 3+4-Methylphenols	7.28	107	622516	36.36	ng	# 87
22) Acetophenone	7.29	105	800515	35.23	ng	# 98
24) Nitrobenzene	7.46	77	682808	43.36	ng	98
25) Isophorone	7.70	82	1238093	40.16	ng	97
26) 2-Nitrophenol	7.77	139	336173	51.25	ng	94
27) 2,4-Dimethylphenol	7.81	122	509804	39.15	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	722653	39.57	ng	99
29) 2,4-Dichlorophenol	8.02	162	477466	40.33	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	505160	37.72	ng	99
31) Naphthalene	8.19	128	1681902	37.07	ng	100
32) Benzoic acid	7.95	122	454965	49.03	ng	96
33) 4-Chloroaniline	8.23	127	754690	38.61	ng	96
34) Hexachlorobutadiene	8.30	225	260524	37.96	ng	100
35) Caprolactam	8.62	113	170453	41.46	ng	# 73
36) 4-Chloro-3-methylphenol	8.71	107	529665	39.82	ng	99
37) 2-Methylnaphthalene	8.87	142	1092069	36.76	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	432370	37.82	ng	99
40) Hexachlorocyclopentadiene	9.02	237	212246	39.05	ng	98

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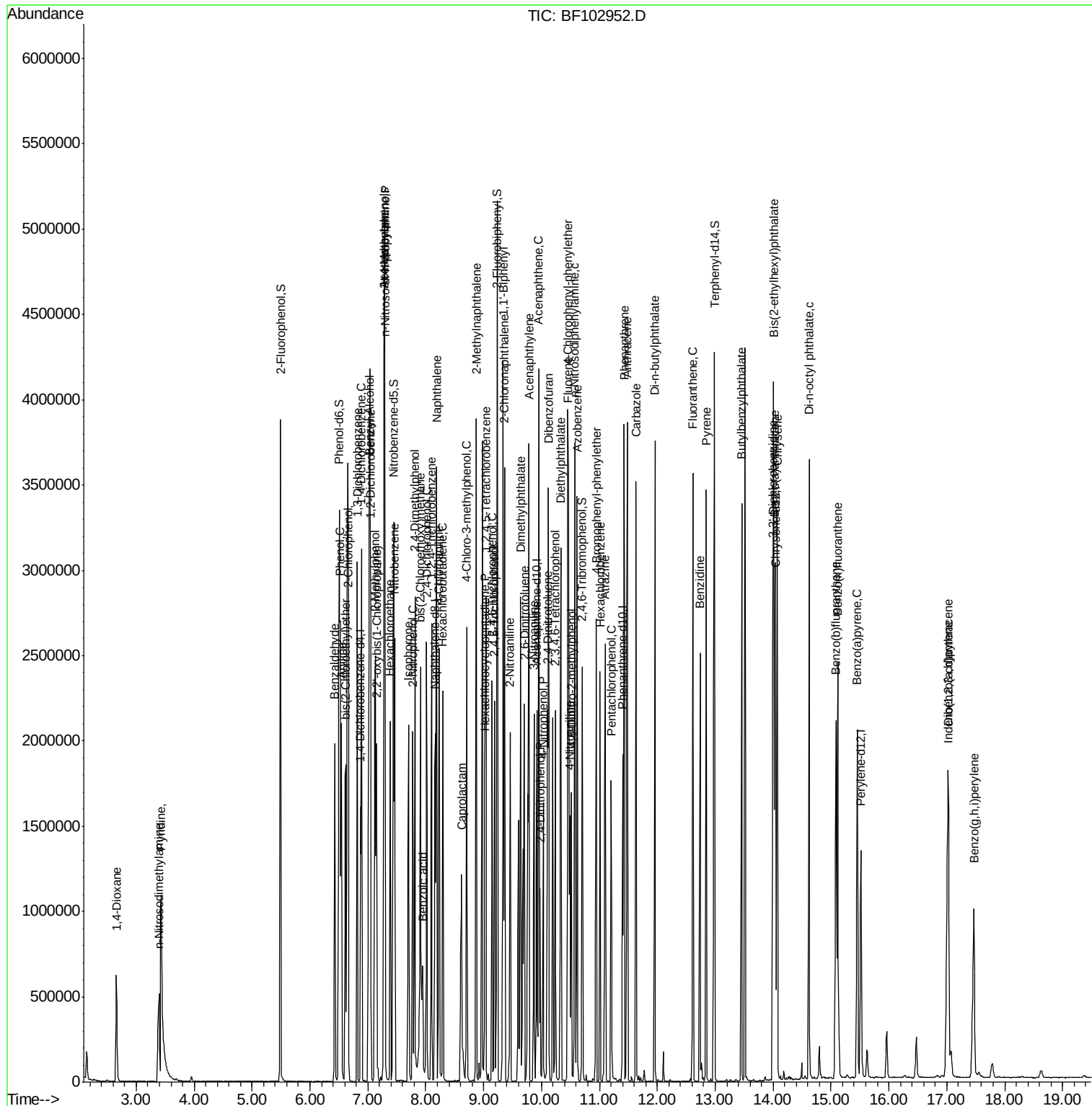
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	307722	40.98	nq	100
43) 2,4,5-Trichlorophenol	9.19	196	353496	41.76	nq	97
45) 1,1'-Biphenyl	9.34	154	1289942	36.47	nq	100
46) 2-Chloronaphthalene	9.36	162	1040824	37.38	nq	100
47) 2-Nitroaniline	9.46	65	409449	47.68	nq	85
48) Acenaphthylene	9.78	152	1583042	36.61	nq	99
49) Dimethylphthalate	9.64	163	1258637	38.44	nq	100
50) 2,6-Dinitrotoluene	9.70	165	276369	44.37	nq	98
51) Acenaphthene	9.95	154	937173	36.24	nq	100
52) 3-Nitroaniline	9.87	138	339558	44.30	nq	97
53) 2,4-Dinitrophenol	9.97	184	108369	61.89	nq	# 17
54) Dibenzofuran	10.12	168	1323218	36.31	nq	97
55) 4-Nitrophenol	10.03	139	241299	40.41	nq	92
56) 2,4-Dinitrotoluene	10.10	165	362912	43.73	nq	92
57) Fluorene	10.47	166	996780	37.59	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	238541	40.66	nq	98
59) Diethylphthalate	10.33	149	1205336	37.28	nq	99
60) 4-Chlorophenyl-phenylether	10.46	204	447386	38.14	nq	96
61) 4-Nitroaniline	10.49	138	335655	46.01	nq	95
62) Azobenzene	10.62	77	1215121	37.62	nq	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	180201	56.88	nq	96
65) n-Nitrosodiphenylamine	10.57	169	951730	37.67	nq	98
66) 4-Bromophenyl-phenylether	10.95	248	286248	37.77	nq	94
67) Hexachlorobenzene	11.01	284	316259	37.83	nq	98
68) Atrazine	11.10	200	284577	38.18	nq	98
69) Pentachlorophenol	11.20	266	187494	38.21	nq	99
70) Phenanthrene	11.43	178	1426561	35.76	nq	99
71) Anthracene	11.48	178	1461884	36.03	nq	99
72) Carbazole	11.63	167	1441868	36.27	nq	98
73) Di-n-butylphthalate	11.96	149	1858347	38.48	nq	99
74) Fluoranthene	12.62	202	1431605	35.66	nq	99
76) Benzidine	12.74	184	996851	43.59	nq	99
77) Pyrene	12.84	202	1470225	37.68	nq	100
79) Butylbenzylphthalate	13.46	149	798140	42.88	nq	98
80) Benzo(a)anthracene	14.03	228	1239087	39.60	nq	100
81) 3,3'-Dichlorobenzidine	13.99	252	478212	41.22	nq	99
82) Chrysene	14.07	228	1172886	37.19	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	1089149	45.57	nq	100
84) Di-n-octyl phthalate	14.62	149	1735959	48.37	nq	99
85) Indeno(1,2,3-cd)pyrene	17.02	276	1056893	40.40	nq	98
87) Benzo(b)fluoranthene	15.09	252	1153821	37.27	nq	98
88) Benzo(k)fluoranthene	15.12	252	1119324	37.84	nq	99
89) Benzo(a)pyrene	15.46	252	1050675	37.71	nq	96
90) Dibenzo(a,h)anthracene	17.03	278	882793	39.03	nq	100
91) Benzo(g,h,i)perylene	17.47	276	864965	39.07	nq	97

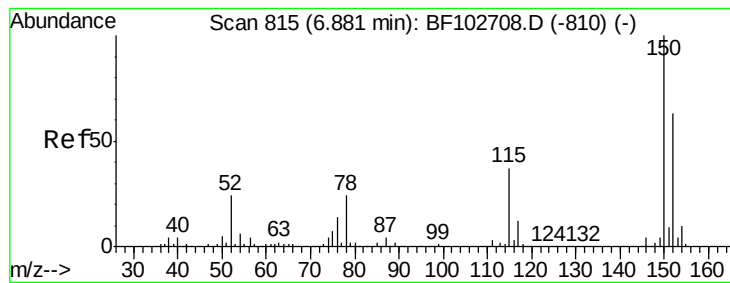
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
ClientSampled :

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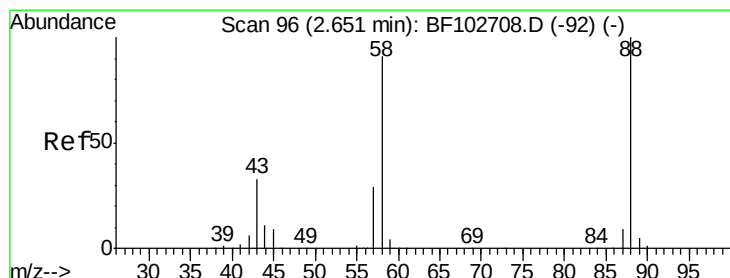
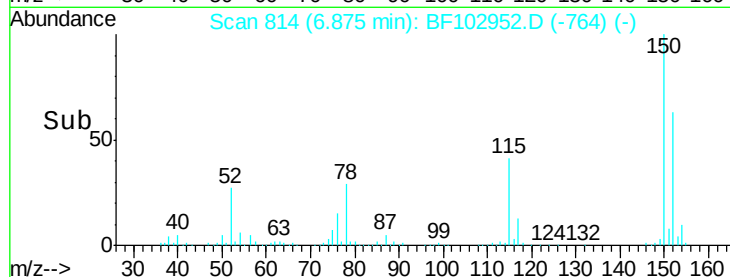
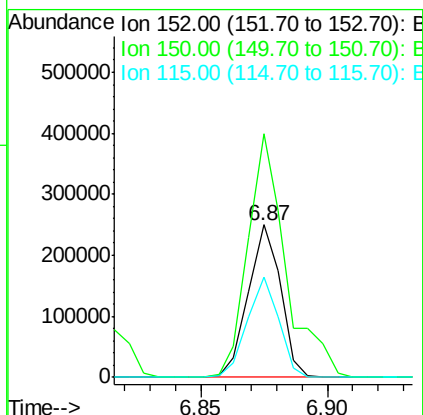
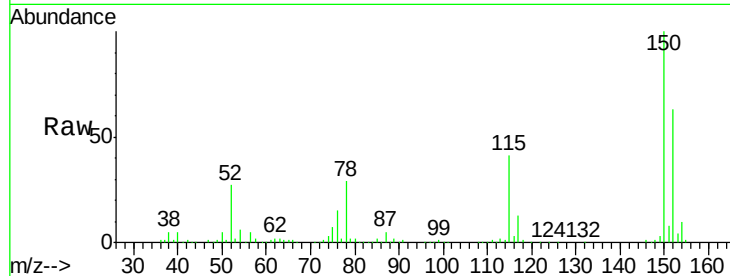


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

Instrument :
BNA_F
ClientSampleId :

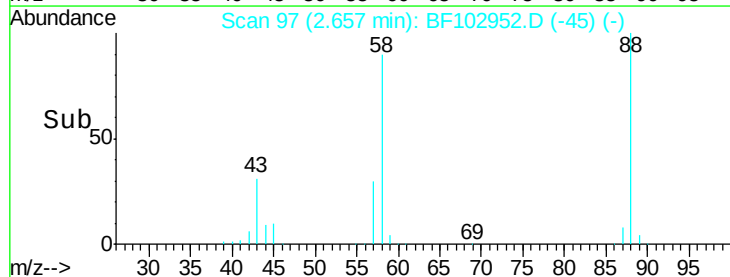
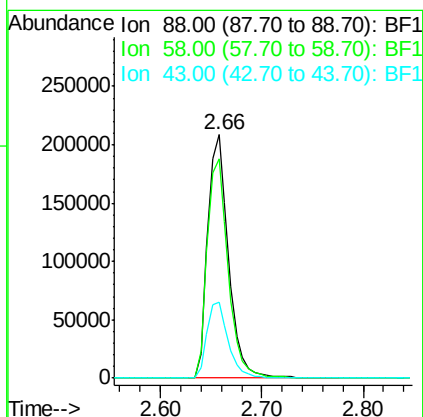
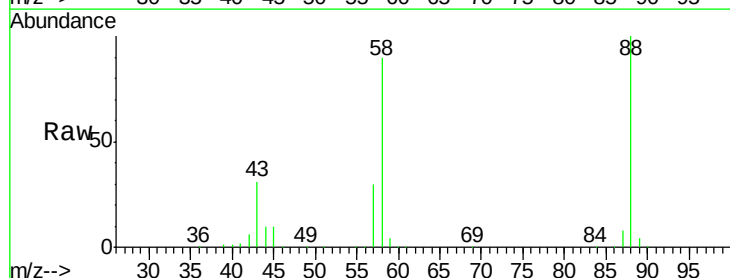
Tot Ion:152 Resp: 222019
Ion Ratio Lower Upper
152 100
150 159.7 124.6 186.8
115 65.7 50.1 75.1

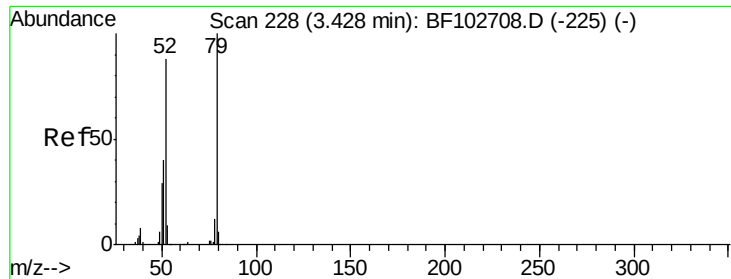


#2

1,4-Dioxane
Concen: 41.11 ng
RT: 2.66 min Scan# 97
Delta R.T. 0.01 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

Tgt Ion: 88 Resp: 296848
Ion Ratio Lower Upper
88 100
58 91.1 62.6 93.8
43 32.3 24.6 37.0





#3

Pvridine

Concen: 42.10 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.00 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

Instrument :

BNA_F

ClientSampleId :

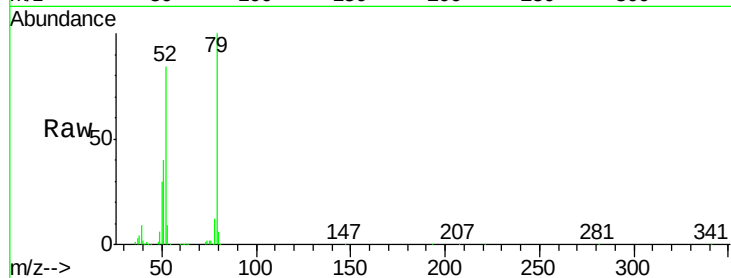
Tot Ion: 79 Resp: 839882

Ion Ratio Lower Upper

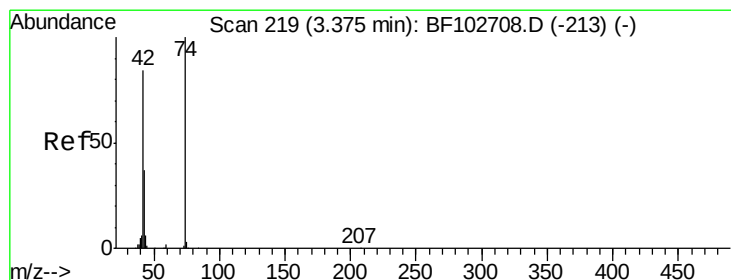
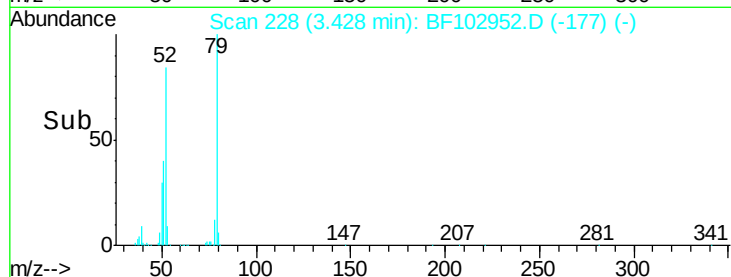
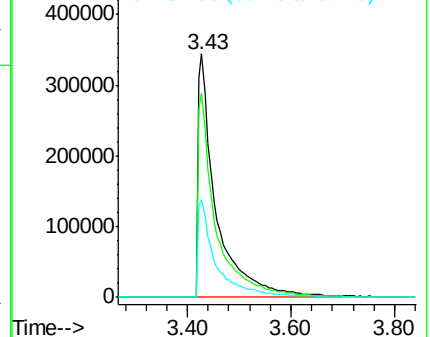
79 100

52 83.5 59.8 89.6

51 40.2 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 41.29 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.02 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

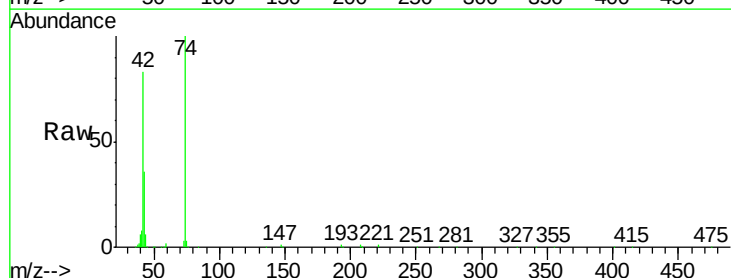
Tgt Ion: 42 Resp: 352462

Ion Ratio Lower Upper

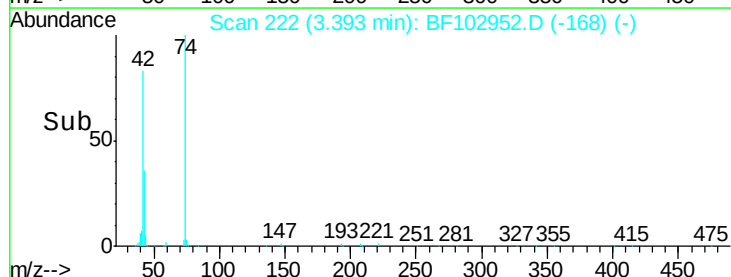
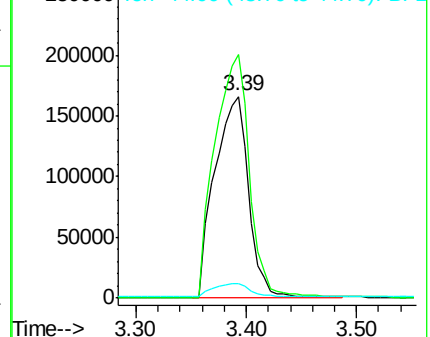
42 100

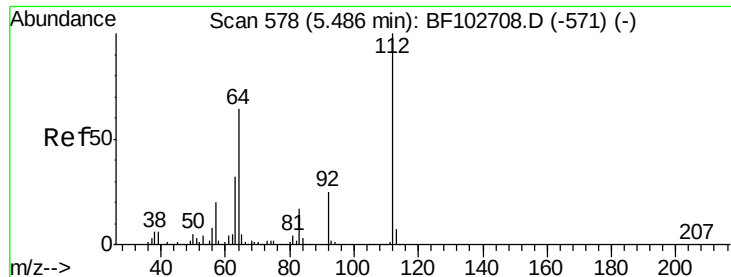
74 120.7 104.9 157.3

44 6.9 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: 75.72 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

Instrument :

BNA_F

ClientSampleId :

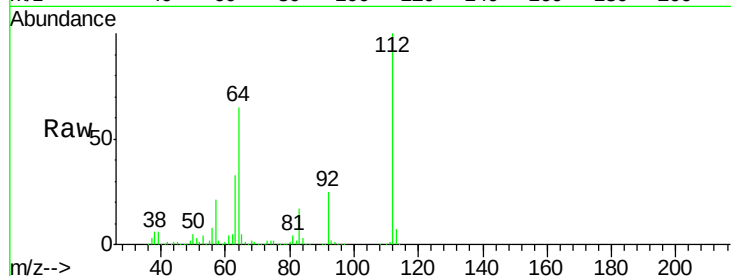
Tot Ion:112 Resp: 1106909

Ion Ratio Lower Upper

112 100

64 65.0 47.9 71.9

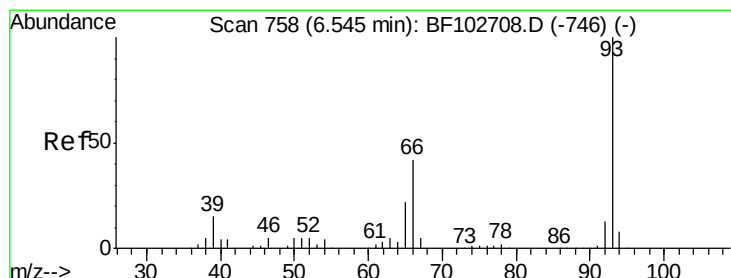
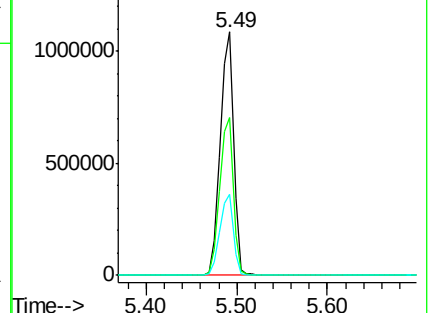
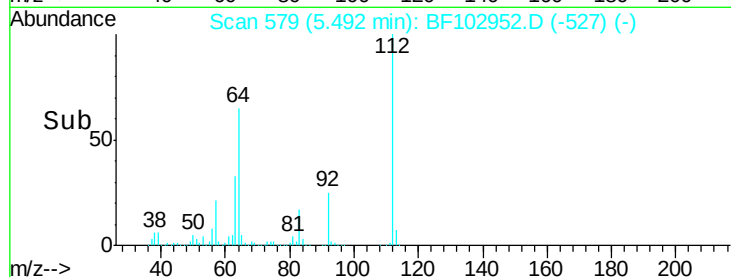
63 33.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.23 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

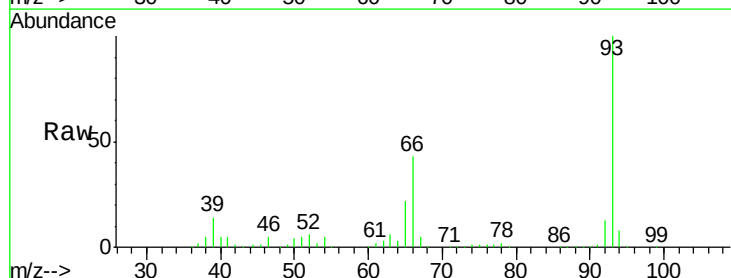
Tgt Ion: 93 Resp: 1019755

Ion Ratio Lower Upper

93 100

66 43.0 32.2 48.2

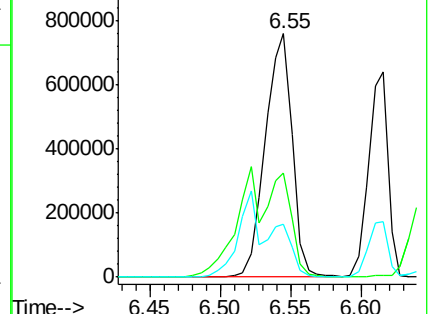
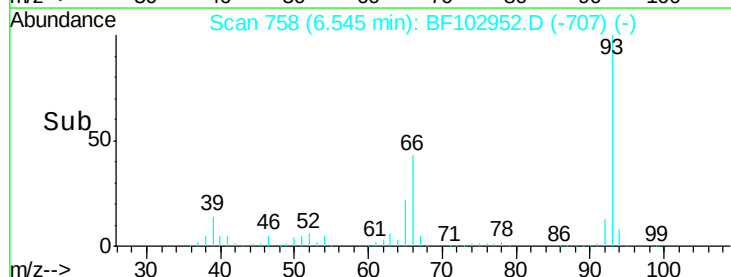
65 21.7 16.4 24.6

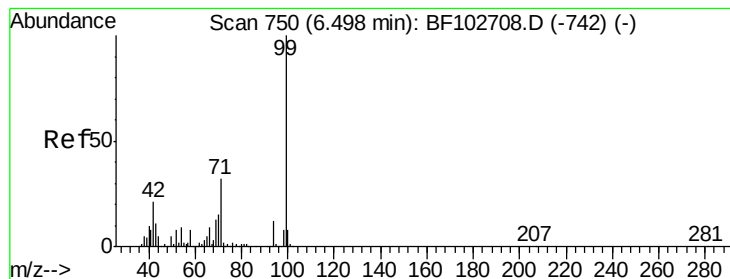


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.13 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

Instrument :

BNA_F

ClientSampleId :

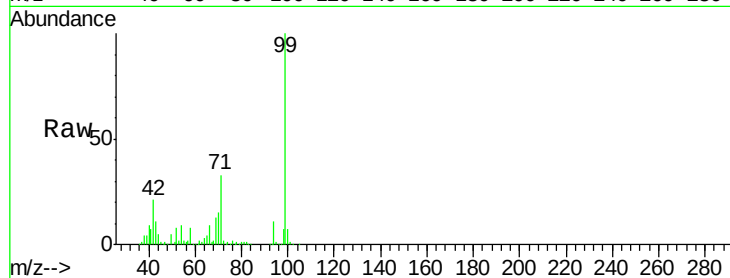
Tot Ion: 99 Resp: 1357782

Ion Ratio Lower Upper

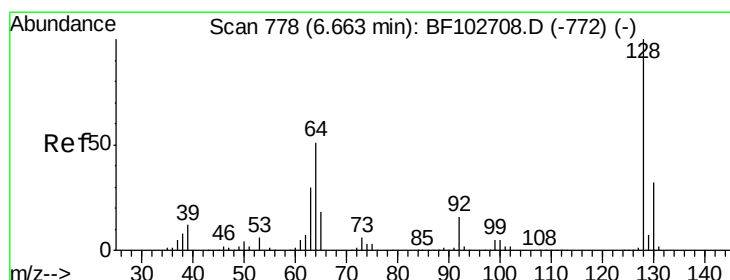
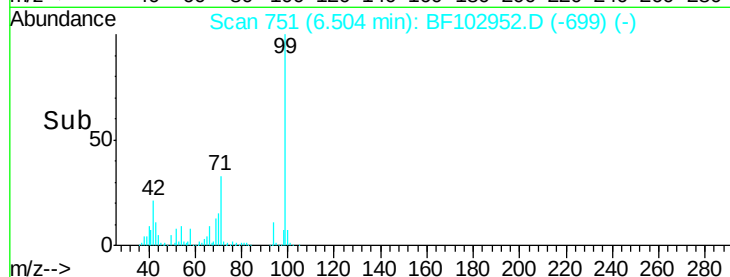
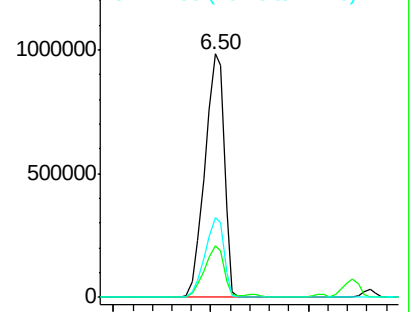
99 100

42 21.0 14.5 21.7

71 32.6 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: 38.86 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

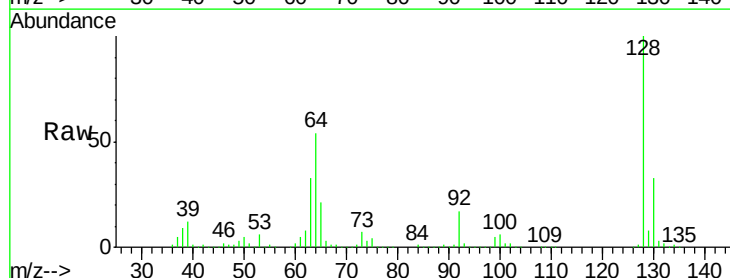
Tgt Ion:128 Resp: 584937

Ion Ratio Lower Upper

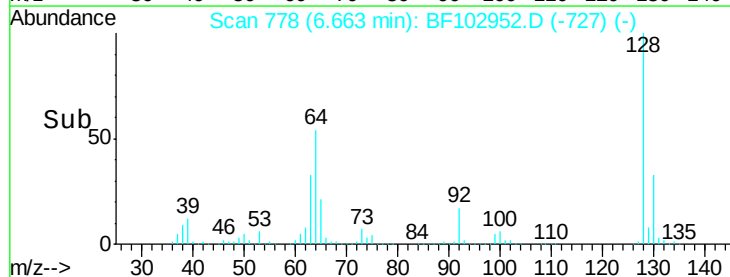
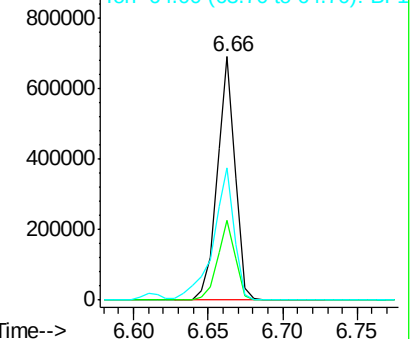
128 100

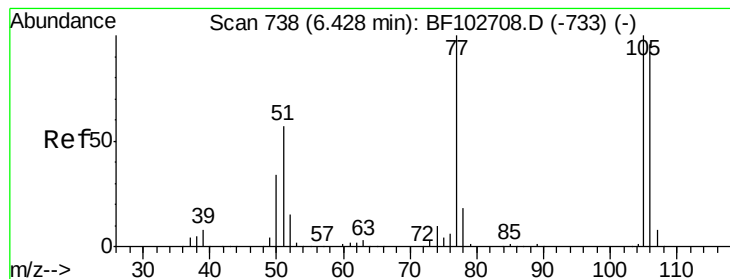
130 32.9 13.0 53.0

64 54.2 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 33.64 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF102952.D

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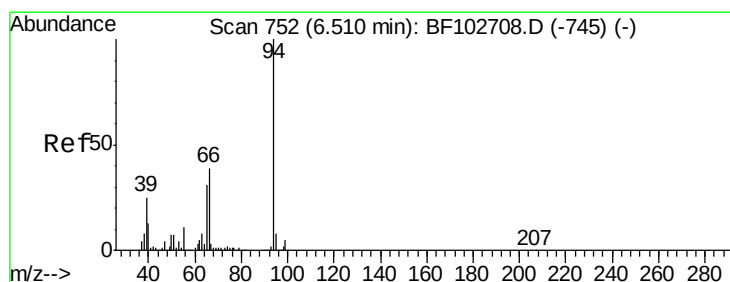
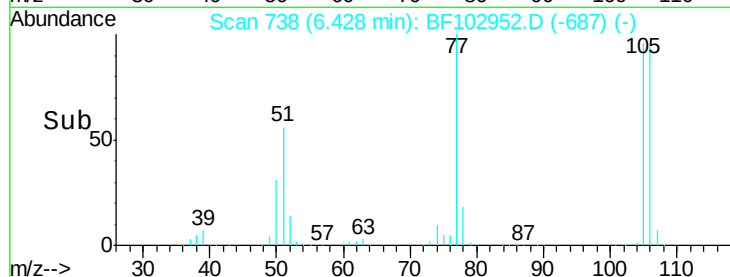
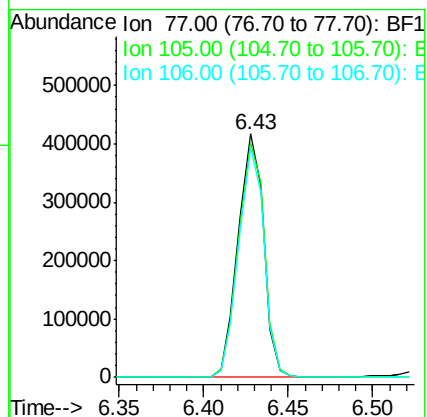
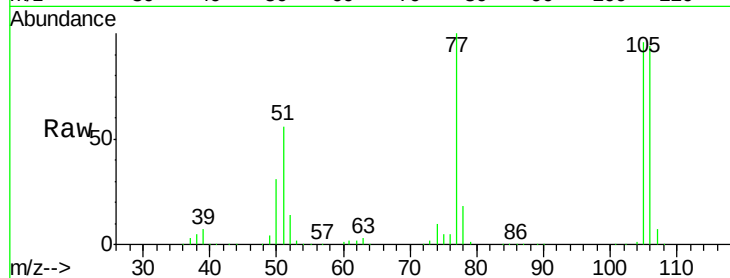
Tot Ion: 77 Resp: 439769

Ion Ratio Lower Upper

77 100

105 96.5 81.1 121.1

106 94.0 74.5 114.5



#10

Phenol

Concen: 41.93 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF102952.D

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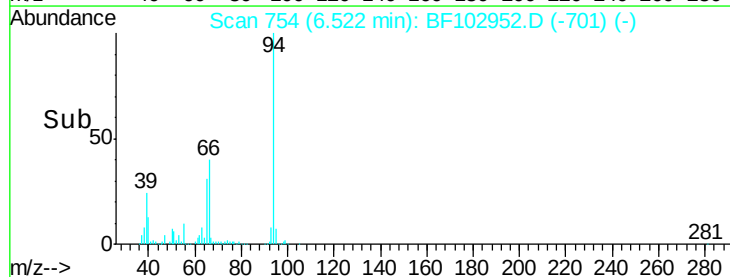
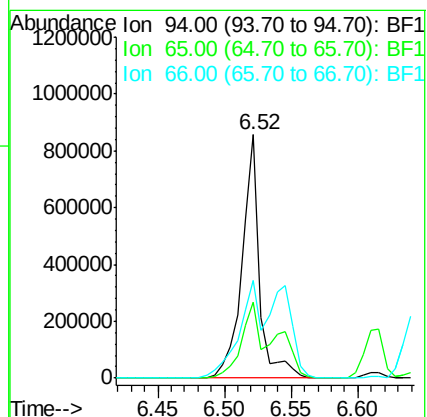
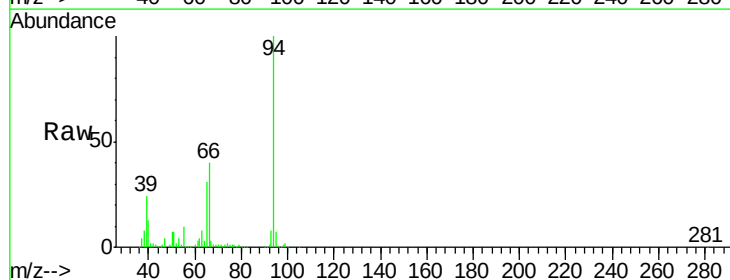
Tgt Ion: 94 Resp: 790937

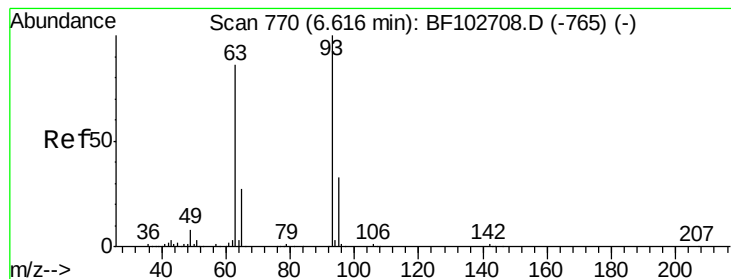
Ion Ratio Lower Upper

94 100

65 31.2 7.9 47.9

66 40.2 16.2 56.2

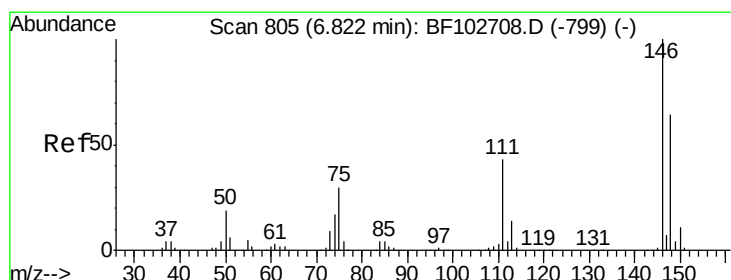
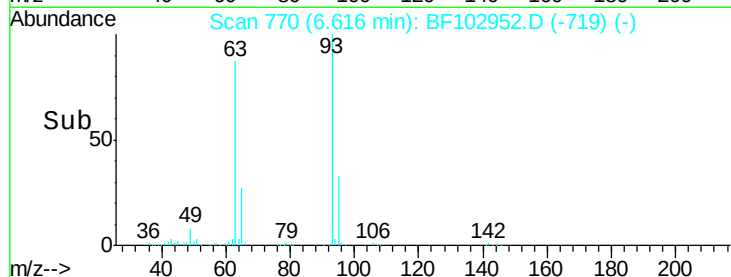
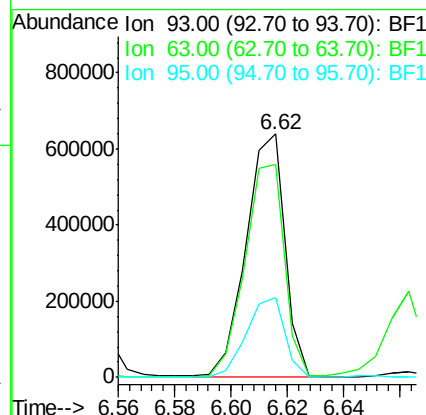
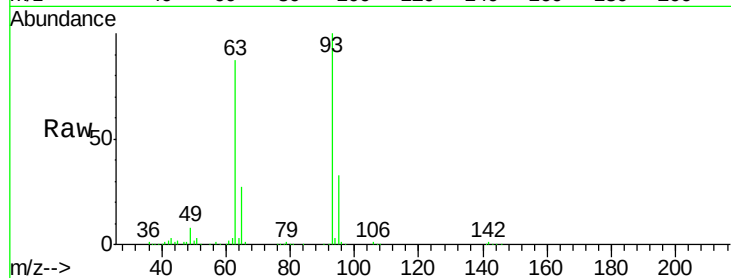




#11
bis(2-Chloroethyl)ether
Concen: 38.84 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

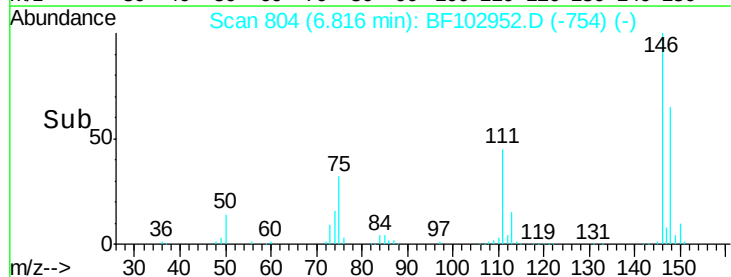
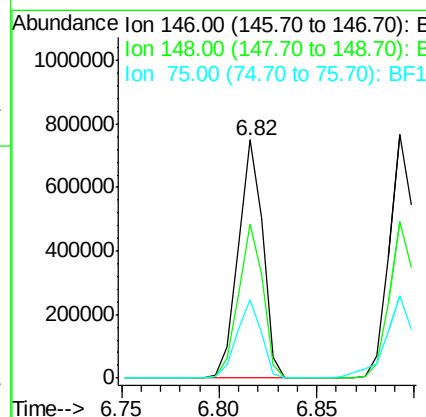
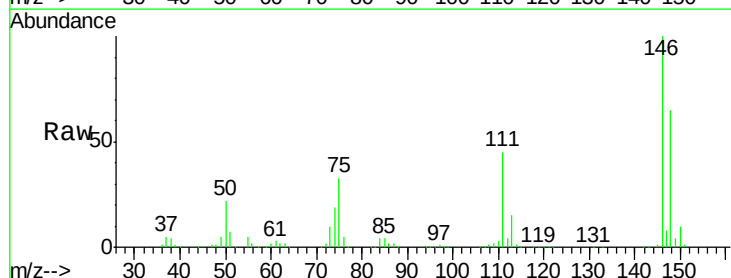
Instrument :
BNA_F
ClientSampleId :

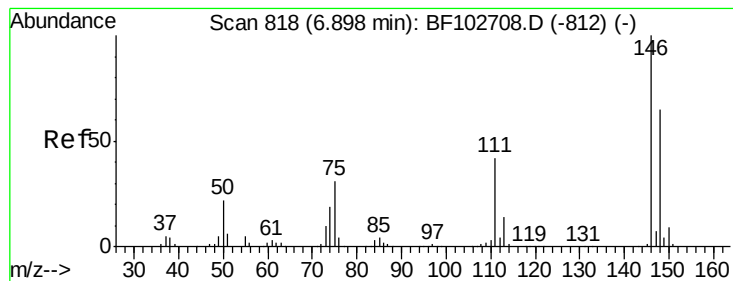
Tot Ion	Ratio	Lower	Upper
93	100		
63	87.3	58.6	98.6
95	33.0	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 37.45 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.8	77.8
75	33.1	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 37.47 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

Instrument :

BNA_F

ClientSampleId :

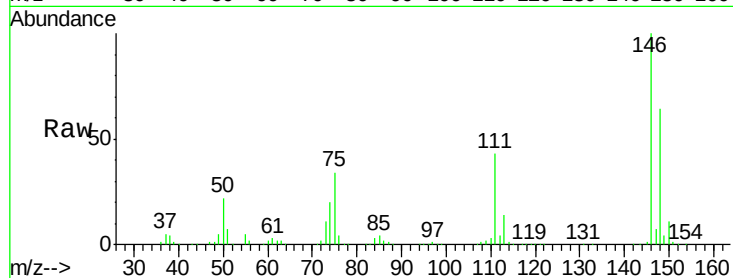
Tot Ion:146 Resp: 650615

Ion Ratio Lower Upper

146 100

148 64.4 50.8 76.2

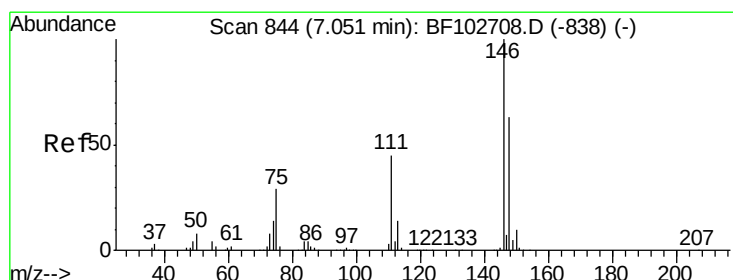
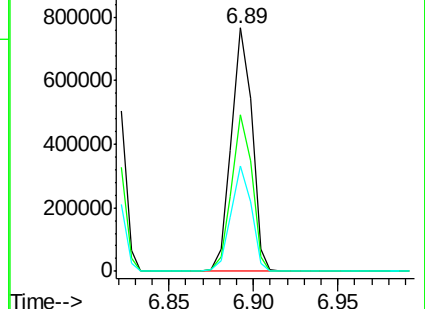
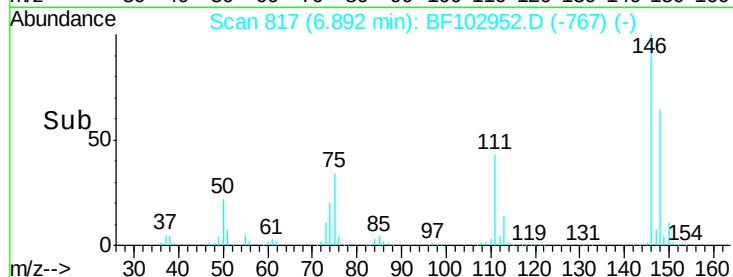
111 43.0 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.49 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

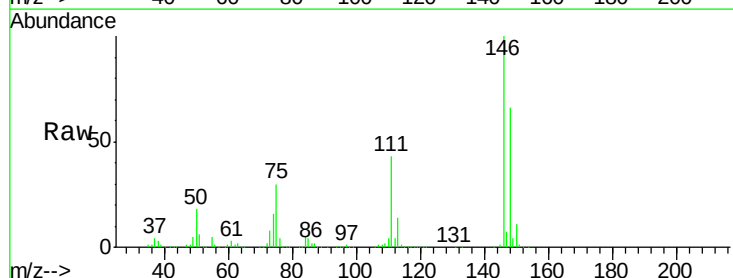
Tgt Ion:146 Resp: 590074

Ion Ratio Lower Upper

146 100

148 66.3 50.6 75.8

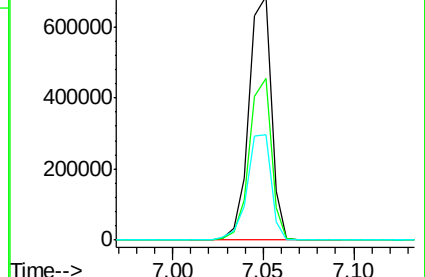
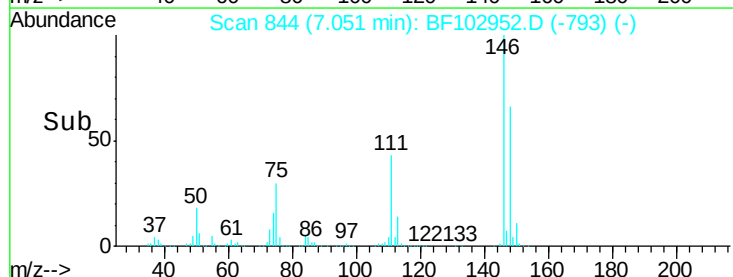
111 43.2 36.0 54.0

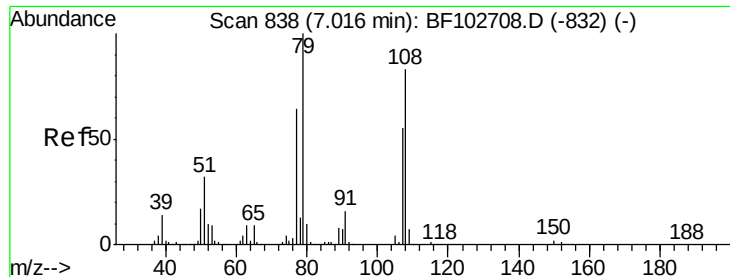


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.45 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

Instrument :

BNA_F

ClientSampleId :

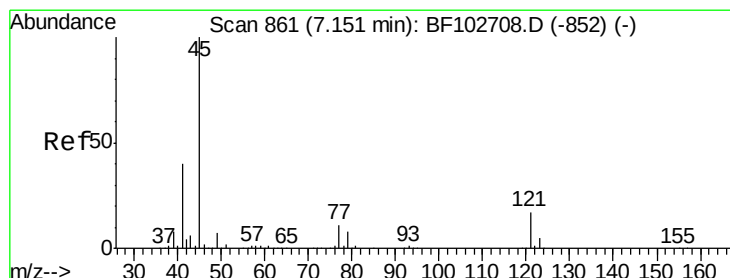
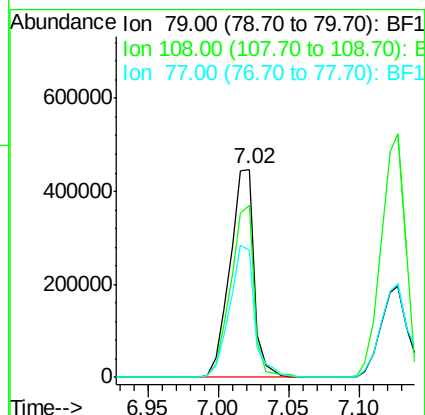
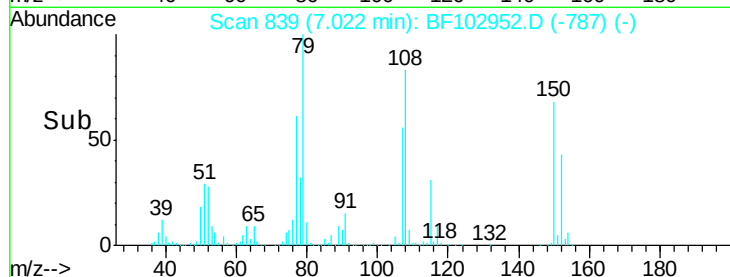
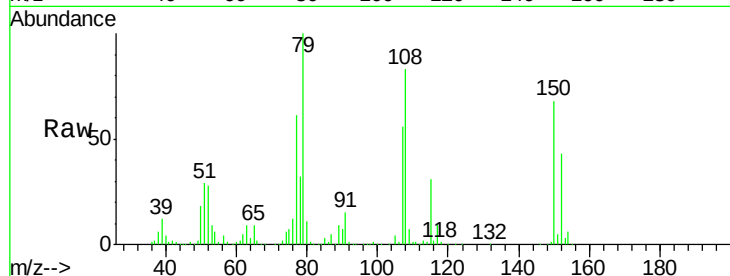
Tot Ion: 79 Resp: 533949

Ion Ratio Lower Upper

79 100

108 82.5 65.1 97.7

77 61.3 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.57 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

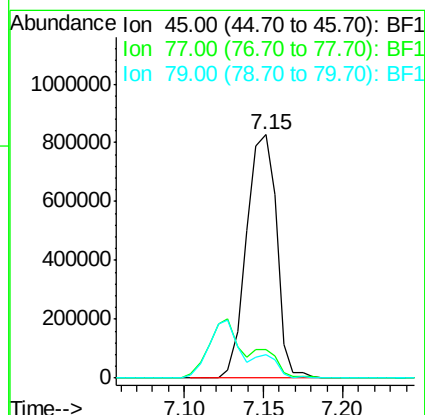
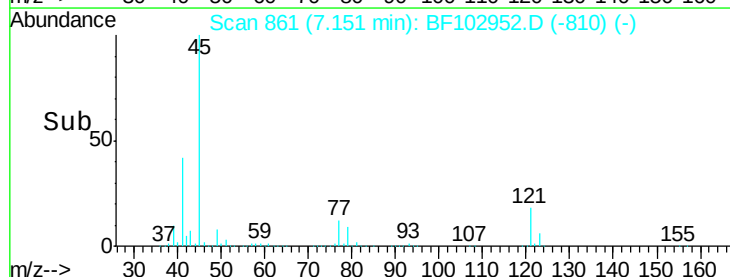
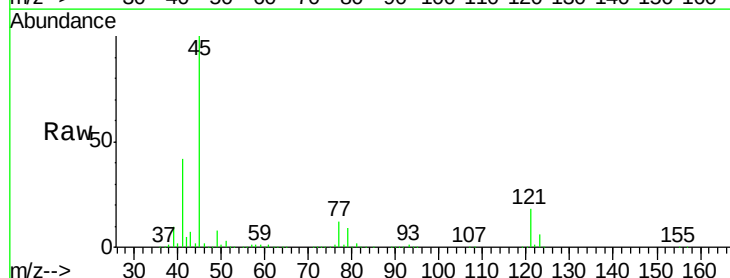
Tgt Ion: 45 Resp: 1090627

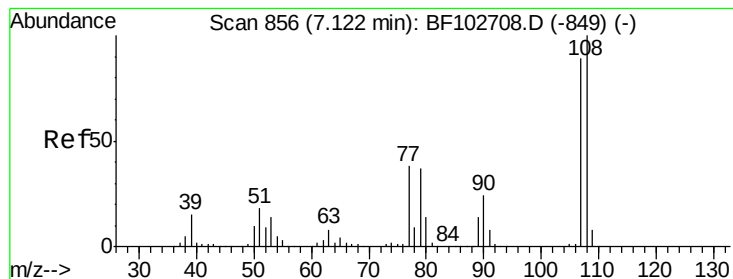
Ion Ratio Lower Upper

45 100

77 12.0 0.0 32.9

79 9.4 0.0 29.6

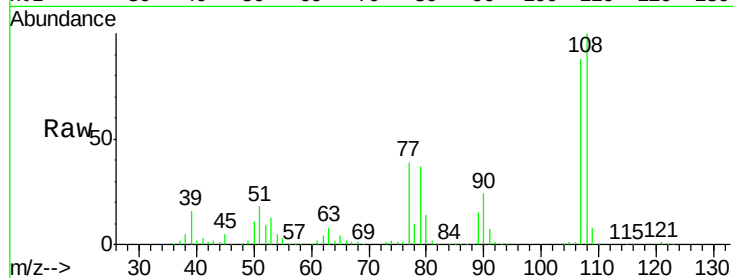




#17
2-Methylphenol
Concen: 39.22 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.8	91.7	137.5
77	44.0	33.8	50.8
79	42.5	33.8	50.8



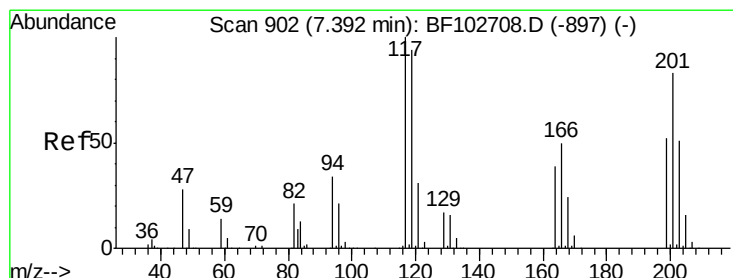
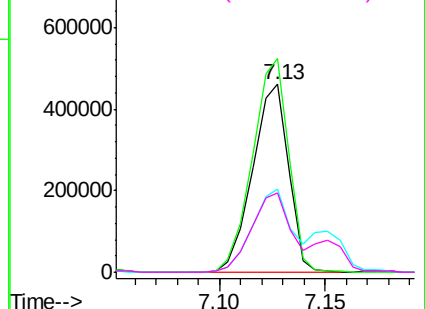
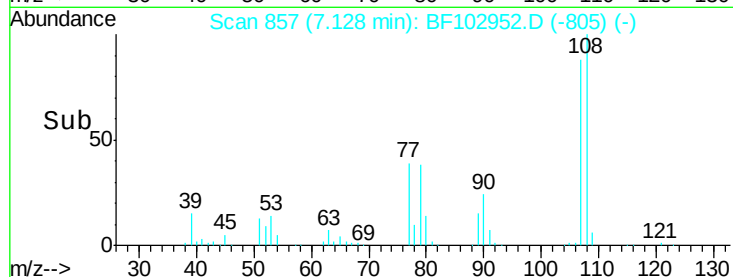
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

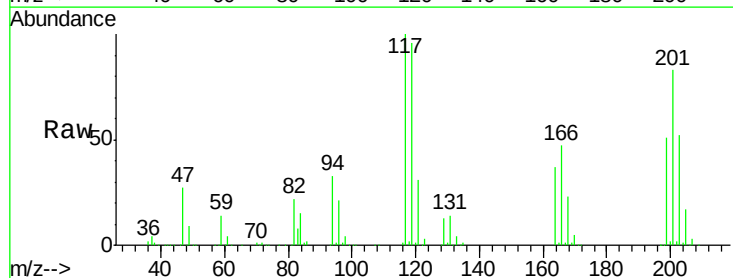
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.03 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.8	113.8
201	82.8	75.7	113.5

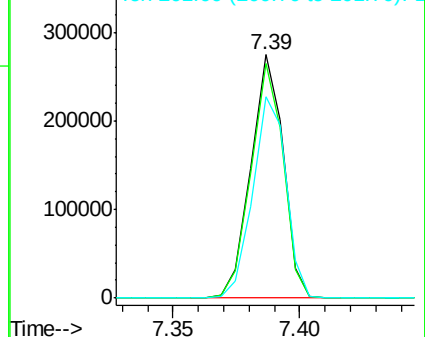
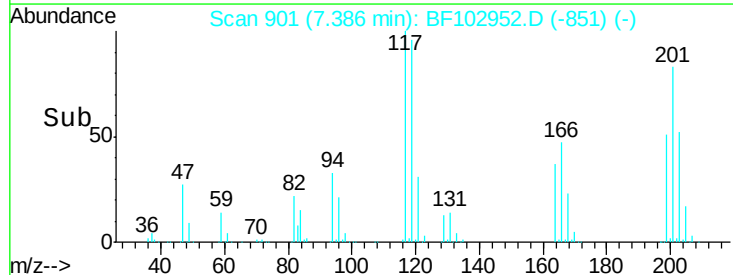


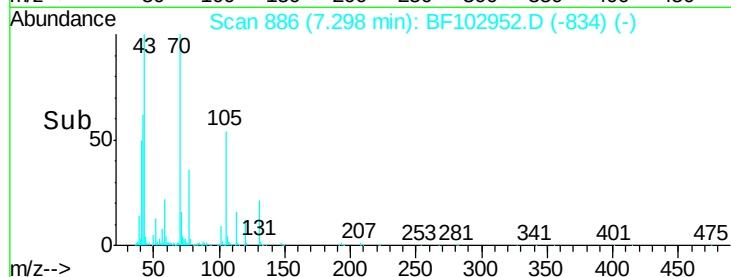
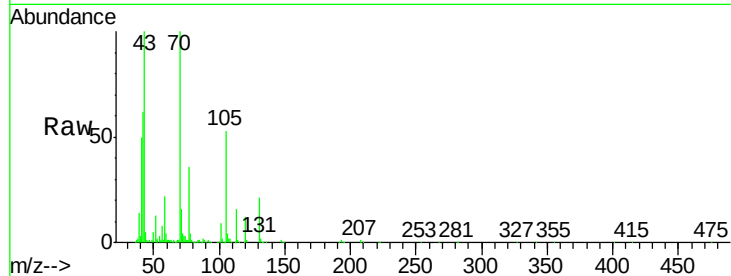
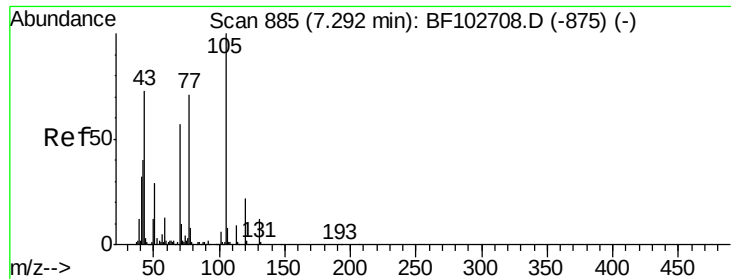
Abundance

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

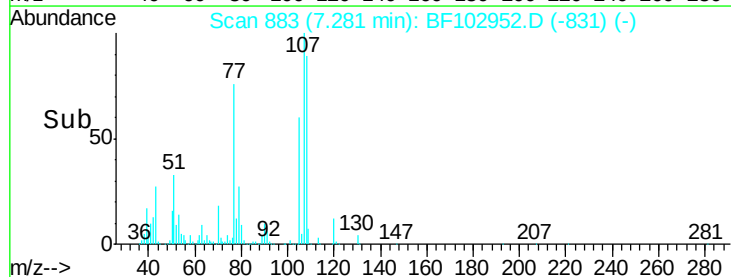
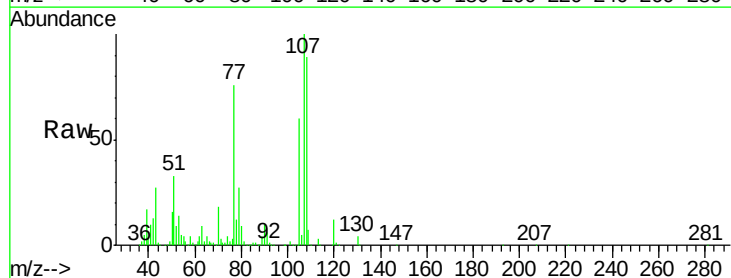
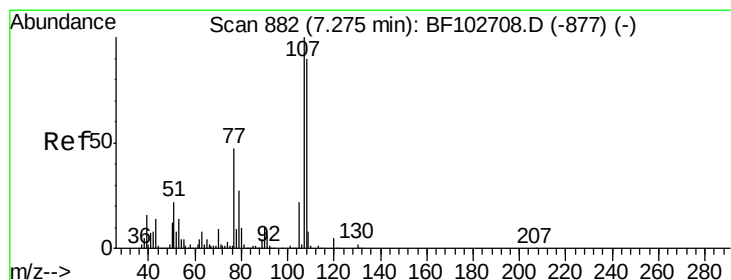
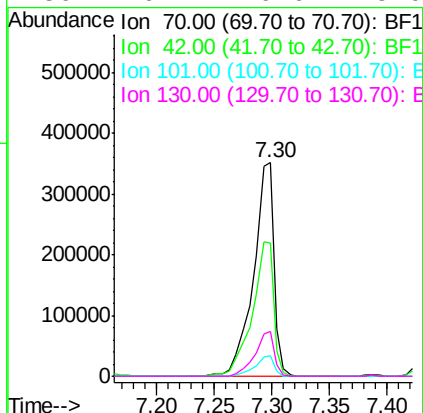




#19
n-Nitroso-di-n-propylamine
Concen: 37.74 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

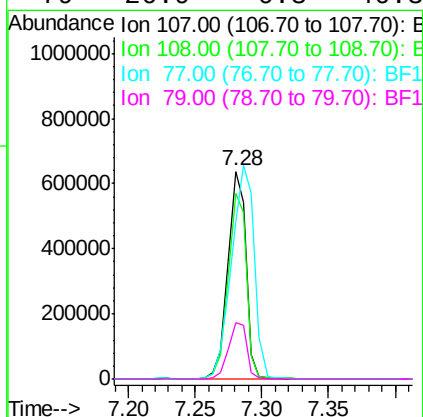
Instrument :
BNA_F
ClientSampleId :

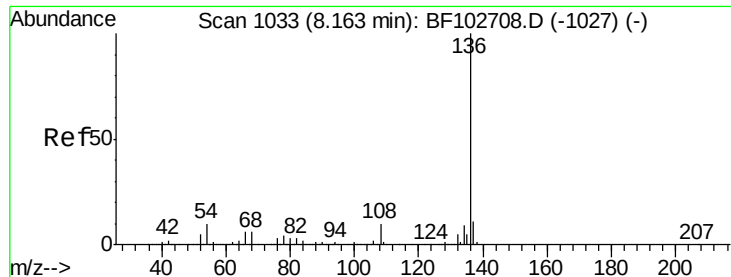
Tot Ion: 70 Resp: 438058
Ion Ratio Lower Upper
70 100
42 62.4 47.5 71.3
101 9.4 7.4 11.2
130 20.7 16.6 25.0



#20
3+4-Methylphenols
Concen: 36.36 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

Tgt Ion: 107 Resp: 622516
Ion Ratio Lower Upper
107 100
108 89.1 68.2 108.2
77 75.5 26.7 66.7#
79 26.9 6.3 46.3

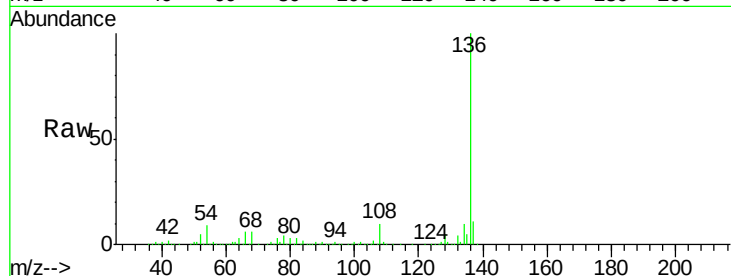




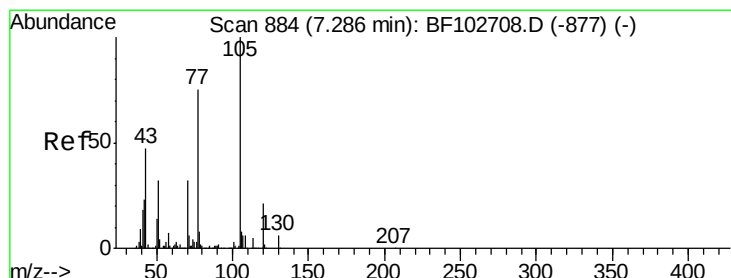
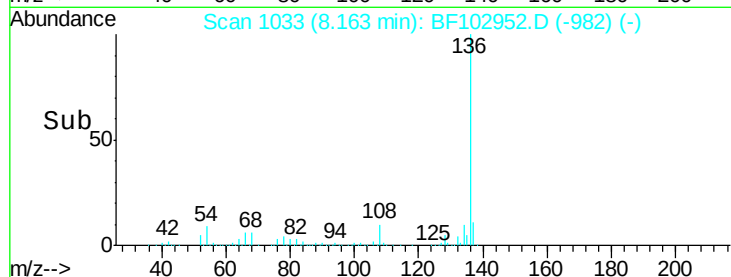
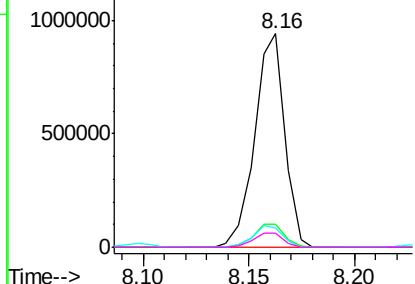
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	928667
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	9.3	6.6 9.8
68	6.5	5.0 7.4

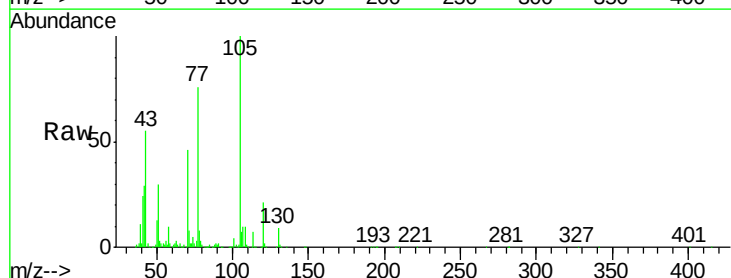


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

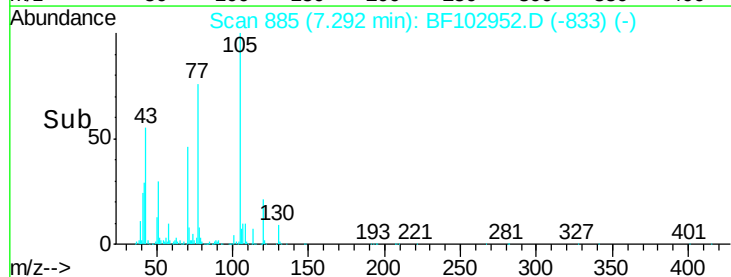
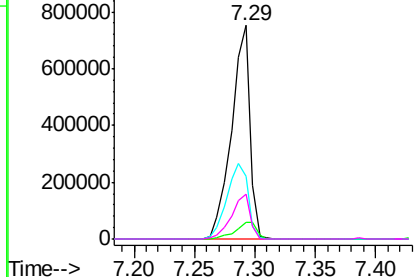


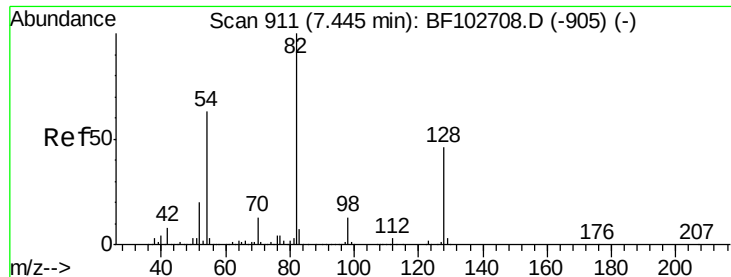
#22
Acetophenone
Concen: 35.23 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

Tgt Ion:105	Resp:	800515
Ion Ratio	Lower	Upper
105	100	
71	7.7	4.4 6.6#
51	29.6	22.3 33.5
120	21.3	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

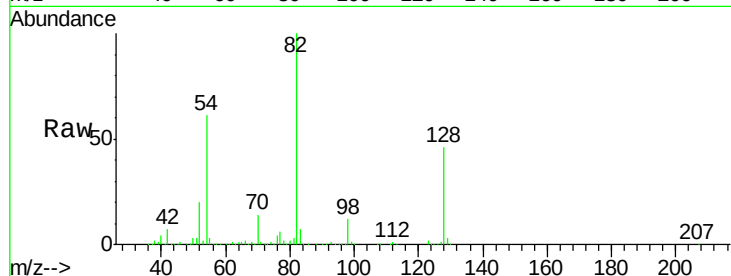




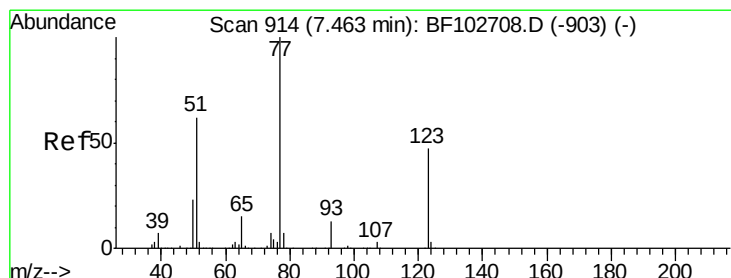
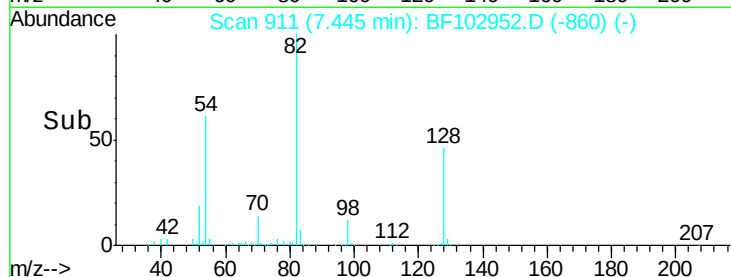
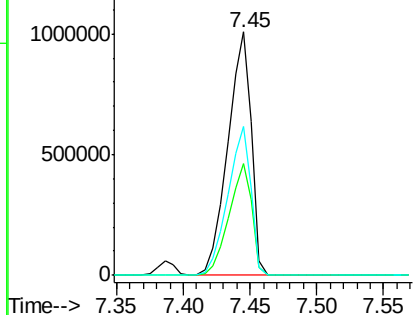
#23
 Nitrobenzene-d5
 Concen: 92.96 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BF102952.D
 Acq: 13 Feb 2018 10:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1244434
 Ion Ratio Lower Upper
 82 100
 128 45.9 36.1 54.1
 54 61.0 41.4 62.2

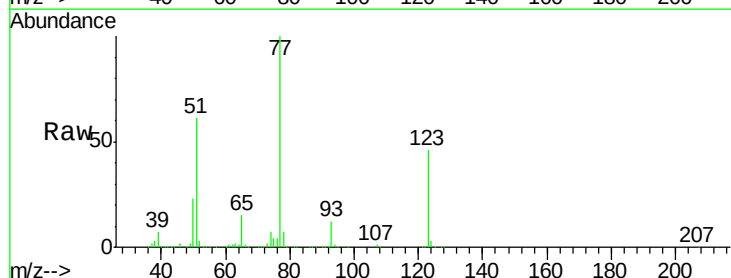


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

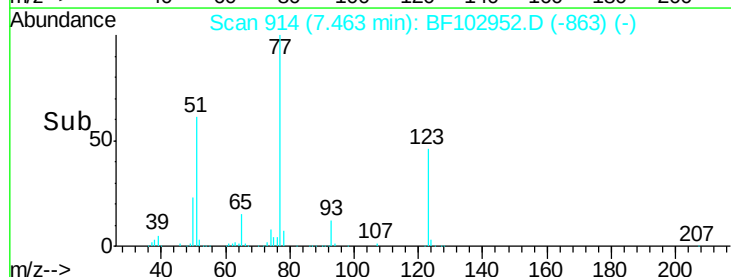
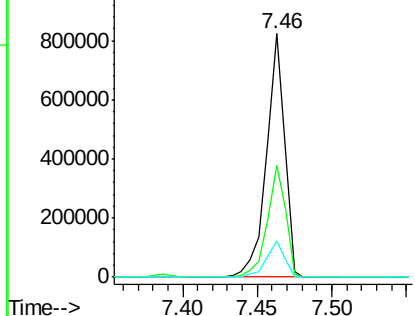


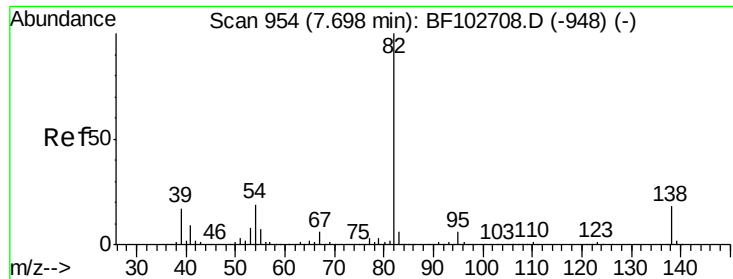
#24
 Nitrobenzene
 Concen: 43.36 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BF102952.D
 Acq: 13 Feb 2018 10:46

Tgt Ion: 77 Resp: 682808
 Ion Ratio Lower Upper
 77 100
 123 46.0 37.9 56.9
 65 14.8 11.0 16.4



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

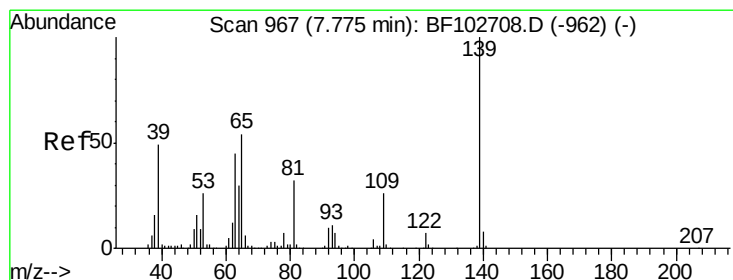
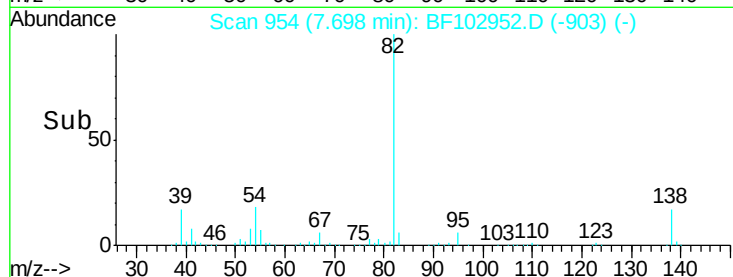
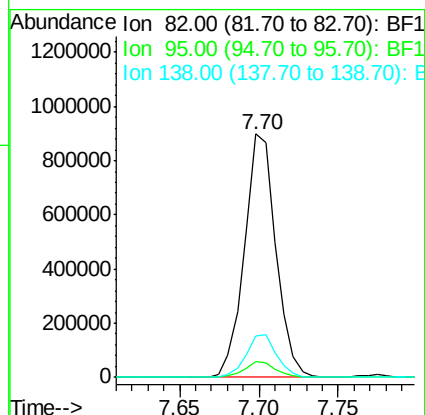
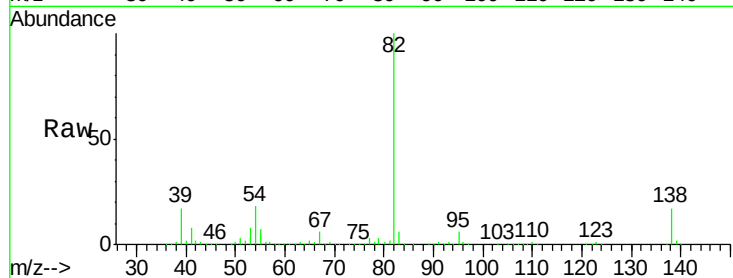




#25
Isophorone
Concen: 40.16 ng
RT: 7.70 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

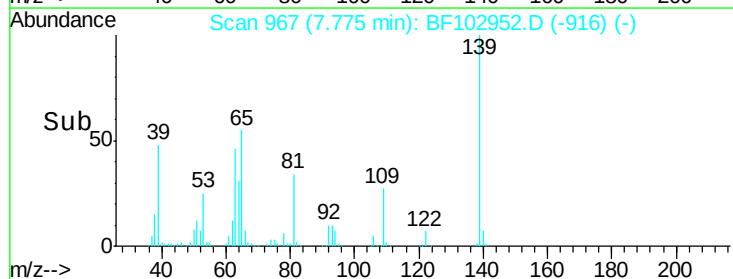
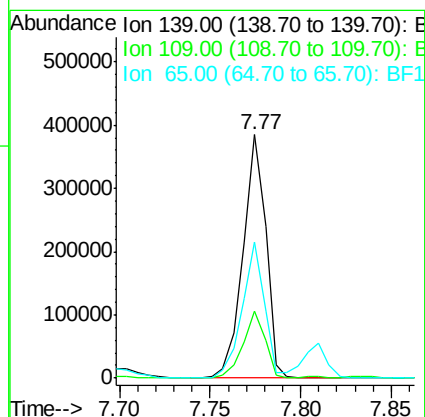
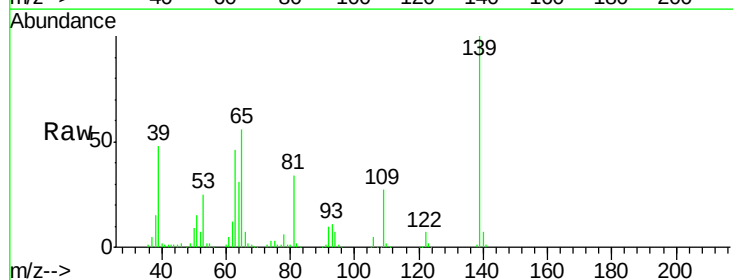
Instrument :
BNA_F
ClientSampleId :

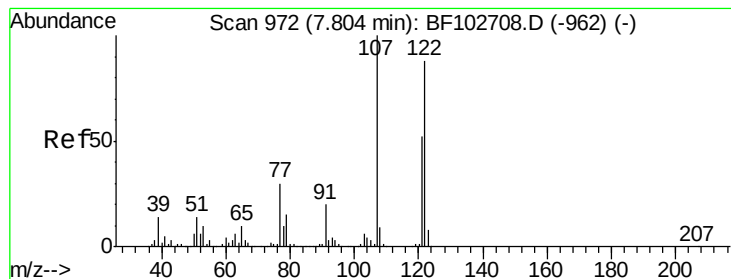
Tot Ion: 82 Resp: 1238093
Ion Ratio Lower Upper
82 100
95 6.3 5.2 7.8
138 17.1 14.9 22.3



#26
2-Nitrophenol
Concen: 51.25 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

Tgt Ion: 139 Resp: 336173
Ion Ratio Lower Upper
139 100
109 27.4 22.7 34.1
65 56.0 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 39.15 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.01 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

Instrument :

BNA_F

ClientSampleId :

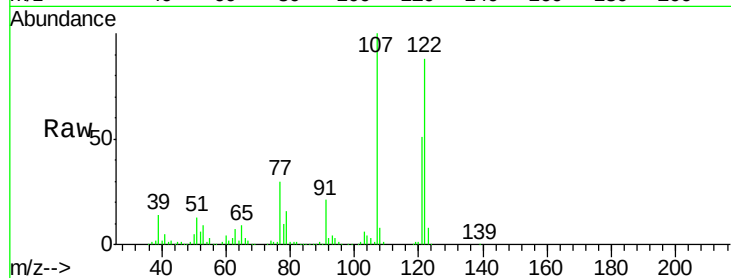
Tot Ion:122 Resp: 509804

Ion Ratio Lower Upper

122 100

107 114.2 91.2 136.8

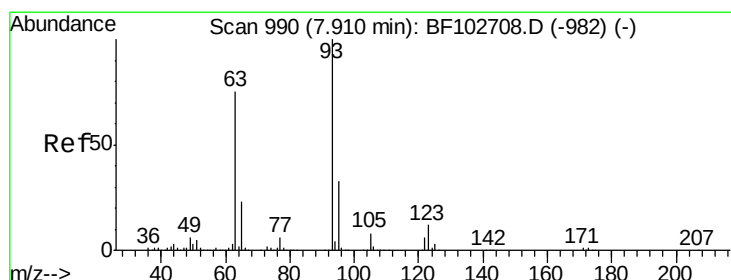
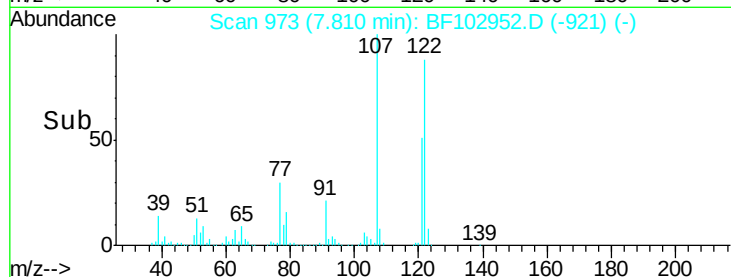
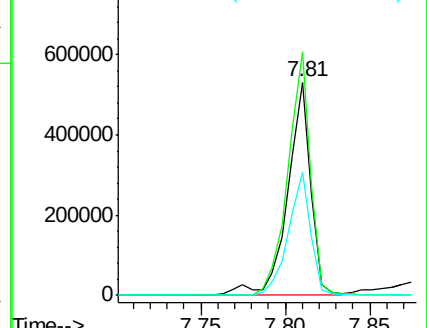
121 57.9 47.2 70.8



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: 39.57 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

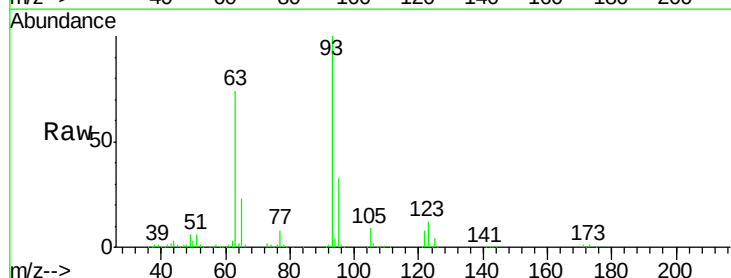
Tgt Ion: 93 Resp: 722653

Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

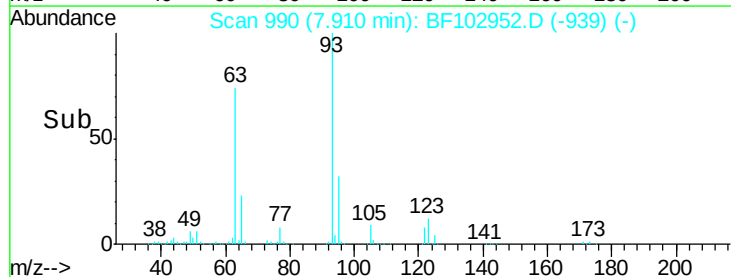
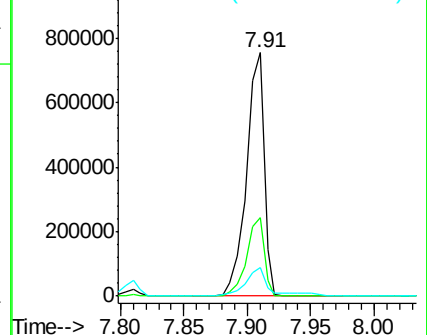
123 11.9 9.8 14.6

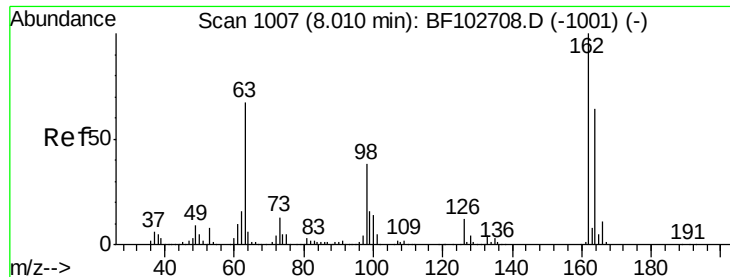


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

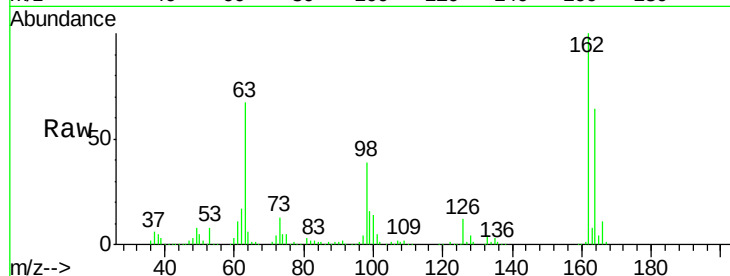




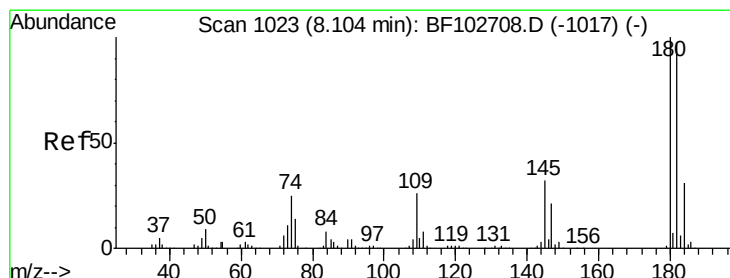
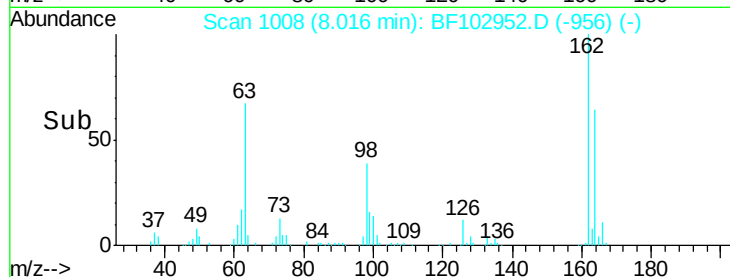
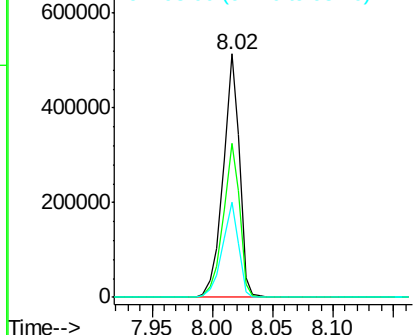
#29
2,4-Dichlorophenol
Concen: 40.33 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	42.7	82.7
98	39.0	18.1	58.1

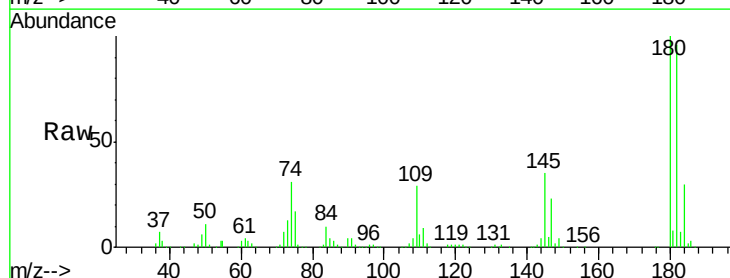


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

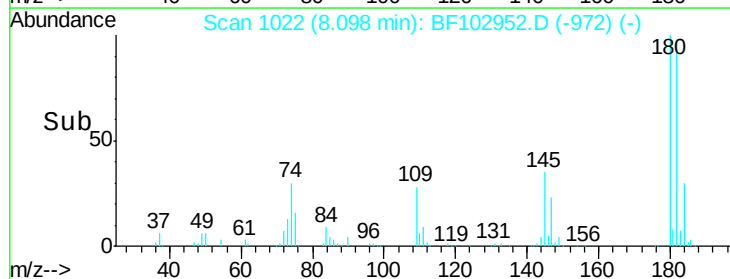
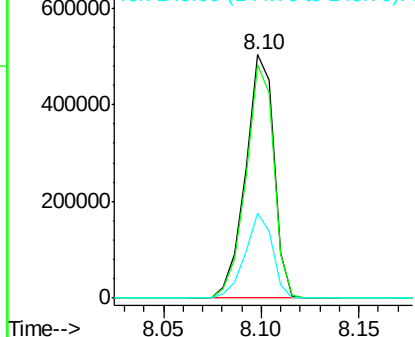


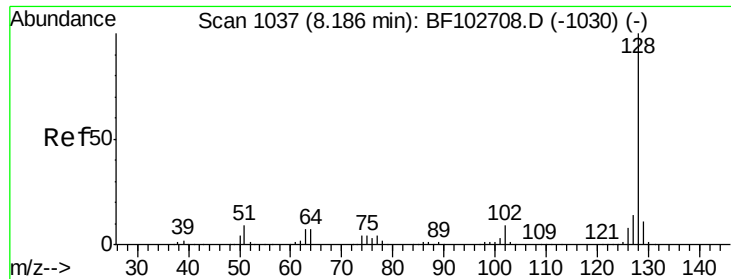
#30
1,2,4-Trichlorobenzene
Concen: 37.72 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.8	115.2
145	35.1	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.07 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

Instrument :

BNA_F

ClientSampleId :

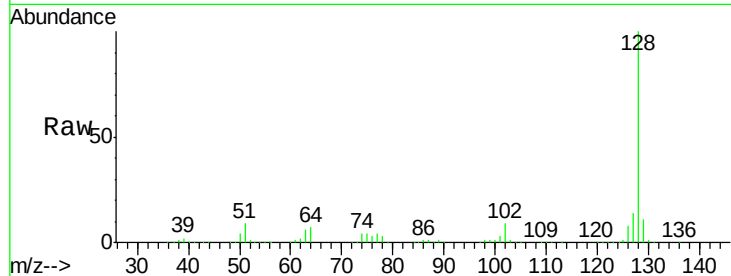
Tot Ion:128 Resp: 1681902

Ion Ratio Lower Upper

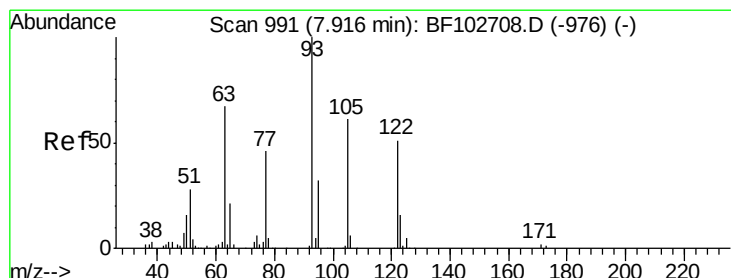
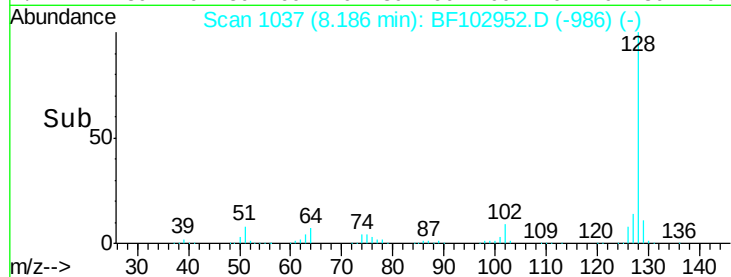
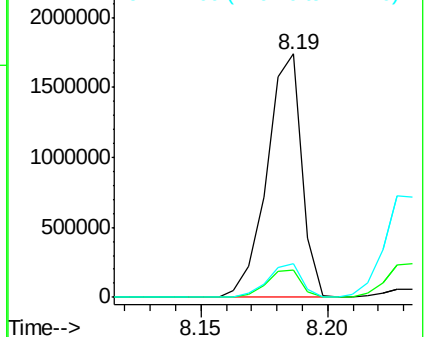
128 100

129 11.0 8.8 13.2

127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 49.03 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.04 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

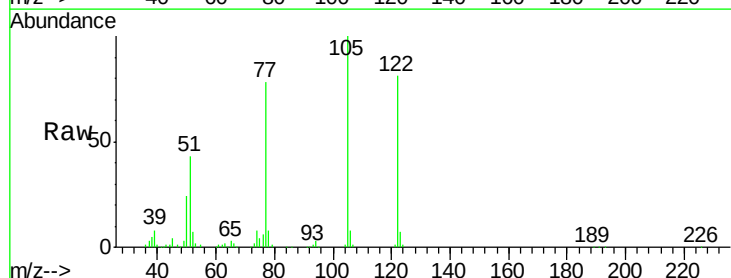
Tgt Ion:122 Resp: 454965

Ion Ratio Lower Upper

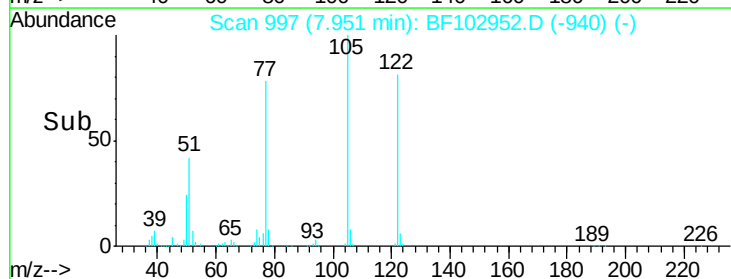
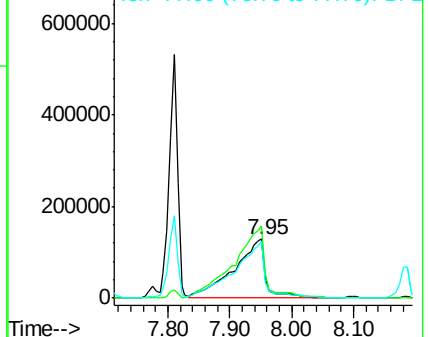
122 100

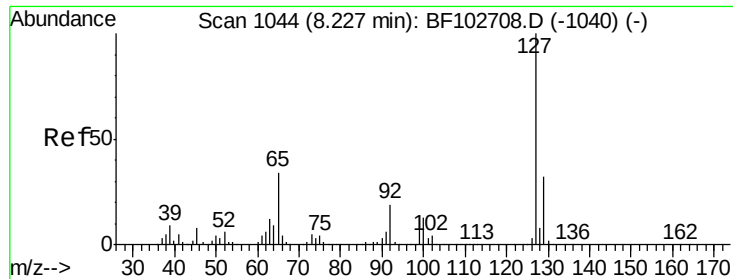
105 123.4 101.1 141.1

77 96.1 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

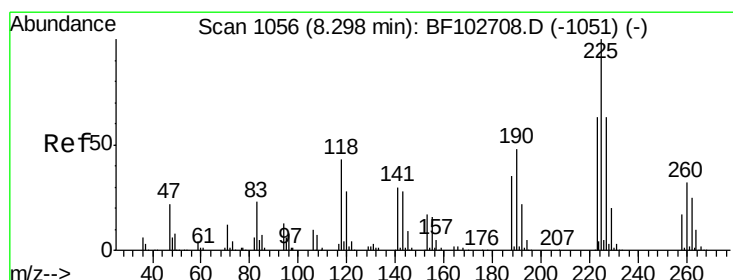
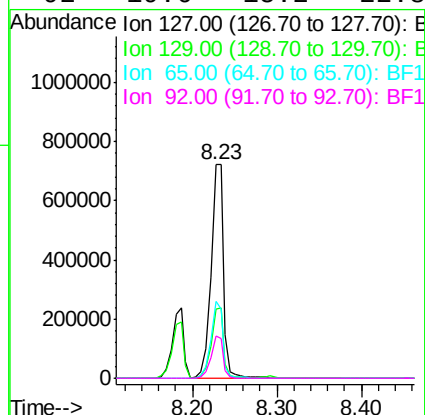
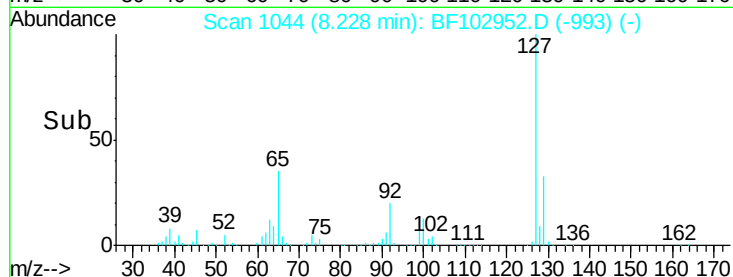
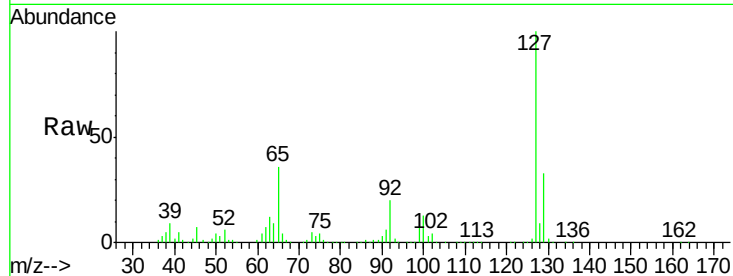




#33
4-Chloroaniline
Concen: 38.61 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

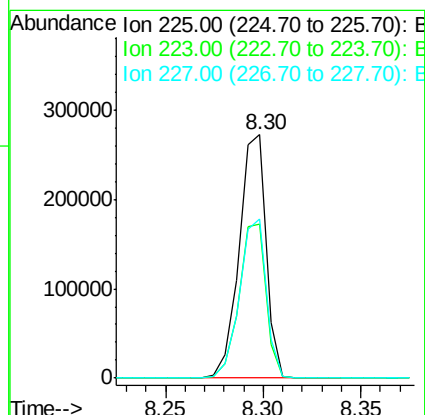
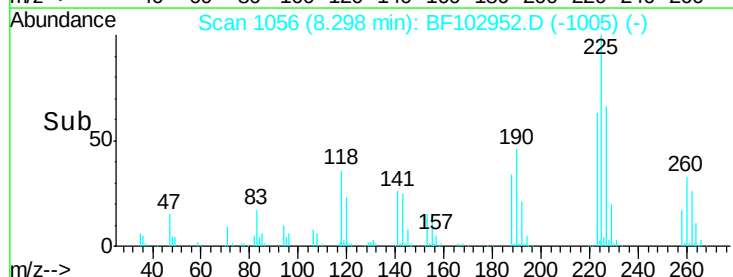
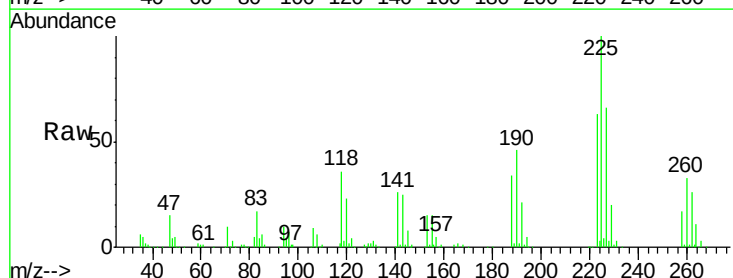
Instrument :
BNA_F
ClientSampled :

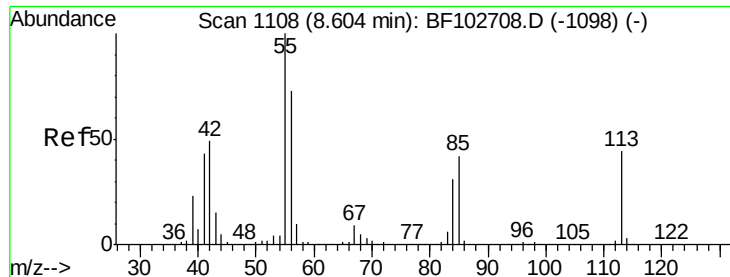
Tot Ion:	127	Resp:	754690
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	35.8	25.0	37.4
92	19.6	15.2	22.8



#34
Hexachlorobutadiene
Concen: 37.96 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

Tgt Ion:	225	Resp:	260524
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	65.6	51.9	77.9

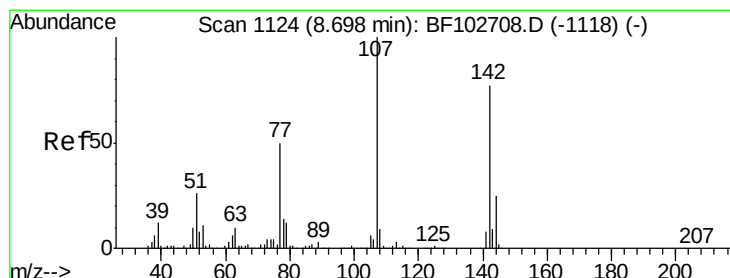
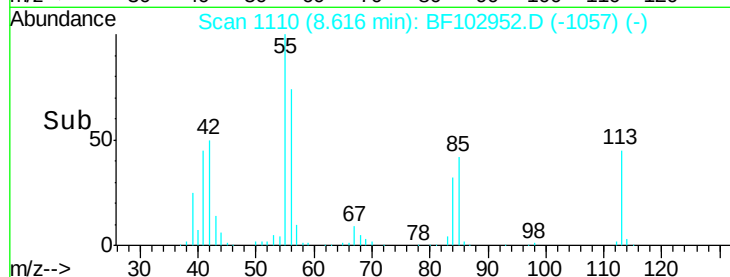
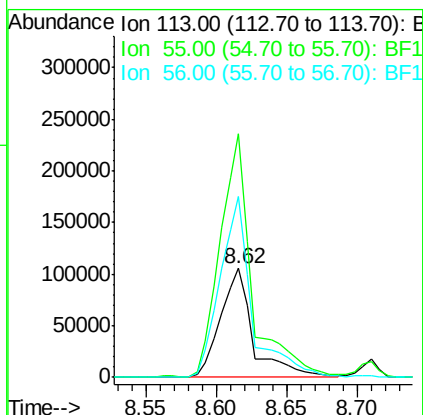
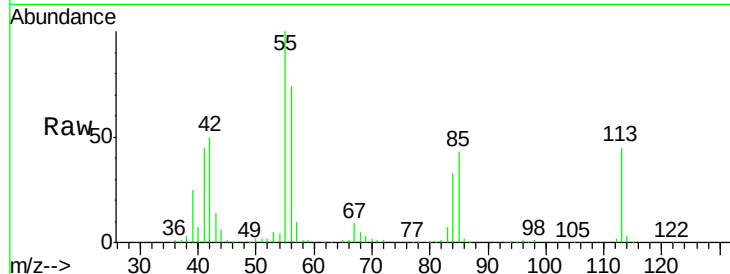




#35
 Caprolactam
 Concen: 41.46 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. 0.01 min
 Lab File: BF102952.D
 Acq: 13 Feb 2018 10:46

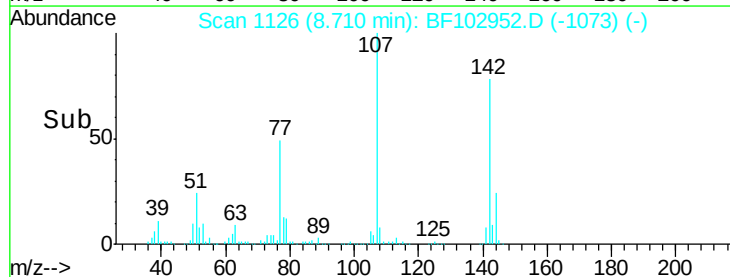
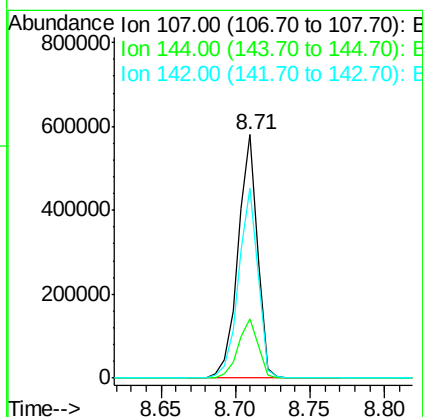
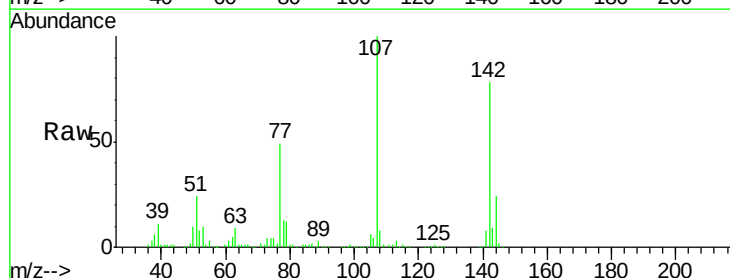
Instrument :
 BNA_F
 ClientSampleId :

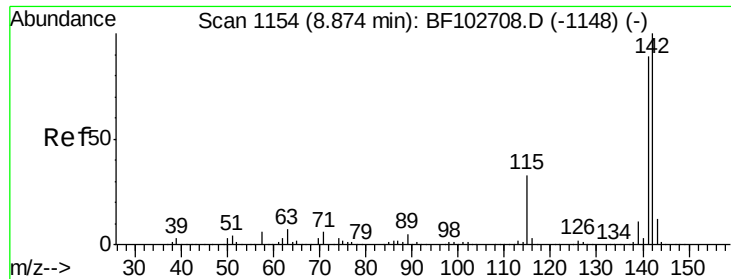
Tot Ion:113 Resp: 170453
 Ion Ratio Lower Upper
 113 100
 55 223.1 163.3 203.3#
 56 165.5 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 39.82 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.01 min
 Lab File: BF102952.D
 Acq: 13 Feb 2018 10:46

Tgt Ion:107 Resp: 529665
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.5 30.7
 142 78.0 62.0 93.0

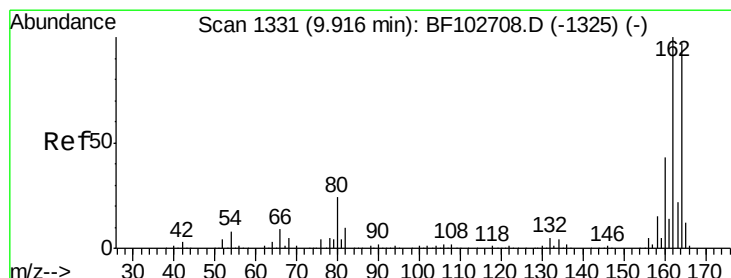
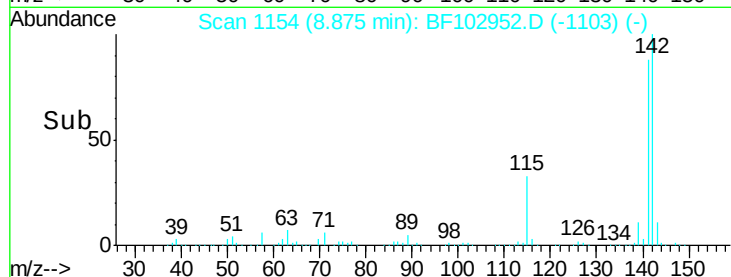
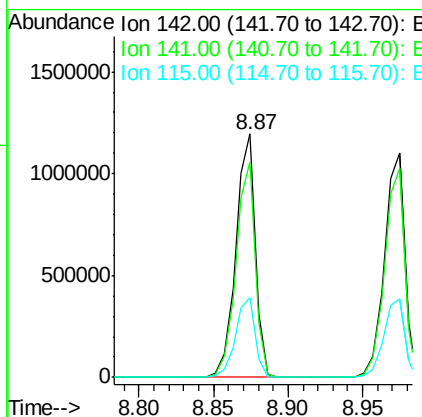
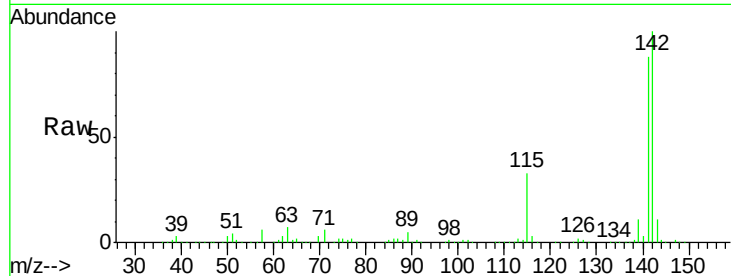




#37
2-Methylnaphthalene
Concen: 36.76 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

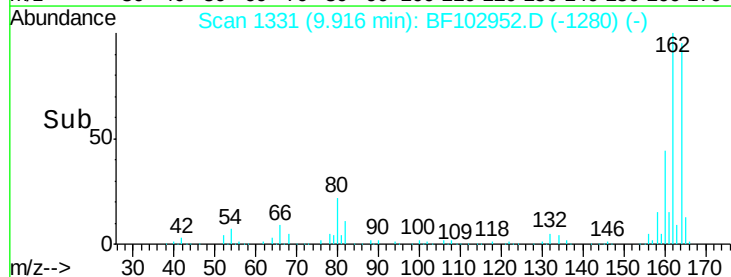
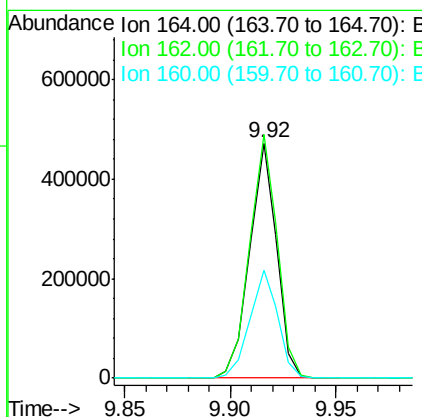
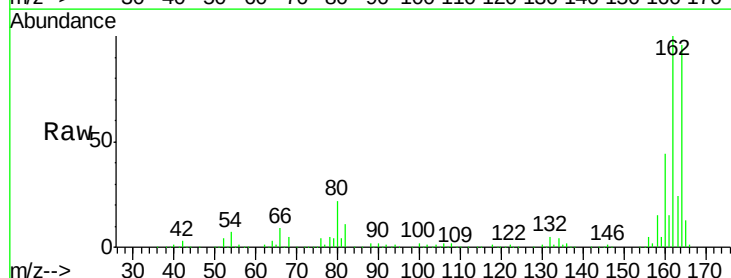
Instrument :
BNA_F
ClientSampleId :

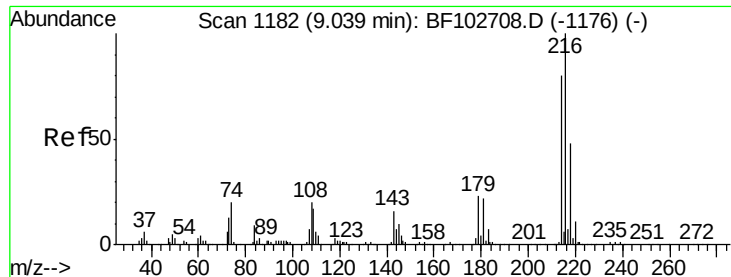
Tot Ion:142 Resp: 1092069
Ion Ratio Lower Upper
142 100
141 88.3 70.8 106.2
115 32.5 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

Tgt Ion:164 Resp: 419898
Ion Ratio Lower Upper
164 100
162 103.7 86.1 129.1
160 45.8 38.3 57.5

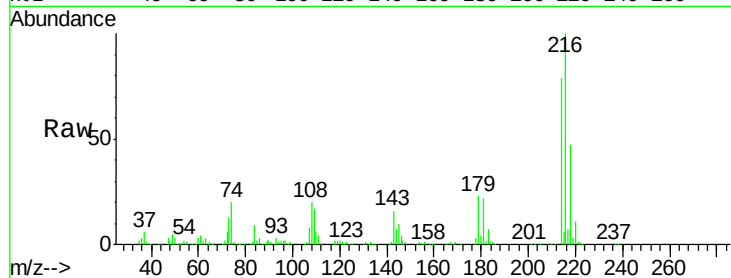




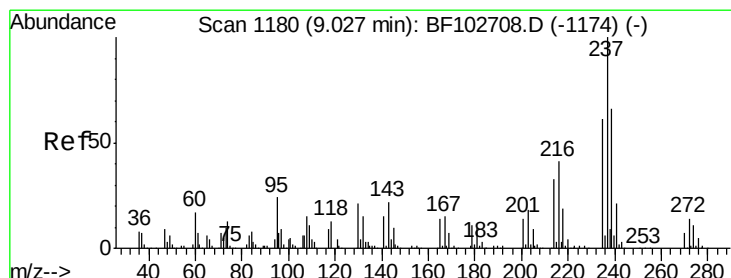
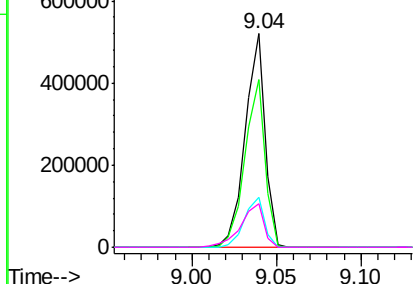
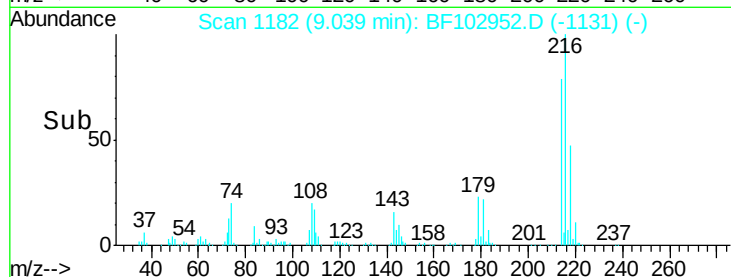
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.82 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF102952.D
 Acq: 13 Feb 2018 10:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	432370
Ion Ratio	Lower	Upper
216	100	
214	79.0	63.0 94.4
179	23.5	18.1 27.1
108	23.5	17.2 25.8

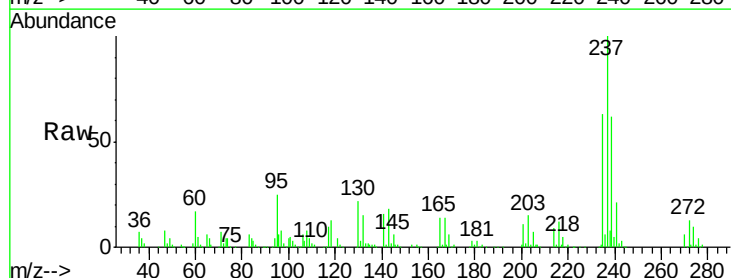


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

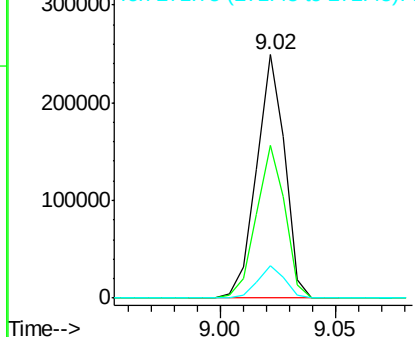
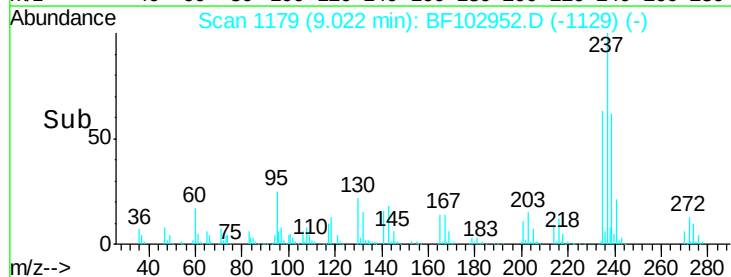


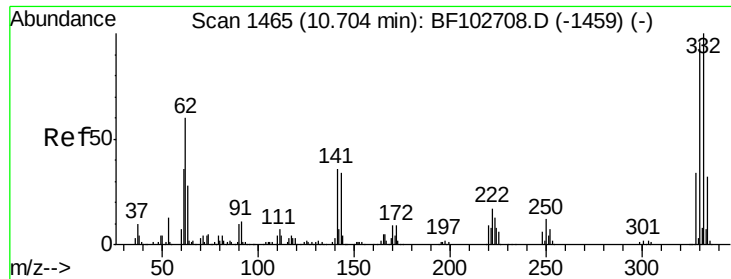
#40
 Hexachlorocyclopentadiene
 Concen: 39.05 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF102952.D
 Acq: 13 Feb 2018 10:46

Tgt Ion:237	Resp:	212246
Ion Ratio	Lower	Upper
237	100	
235	62.6	44.8 84.8
272	13.1	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

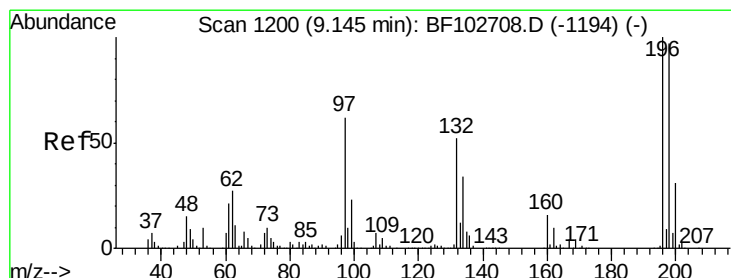
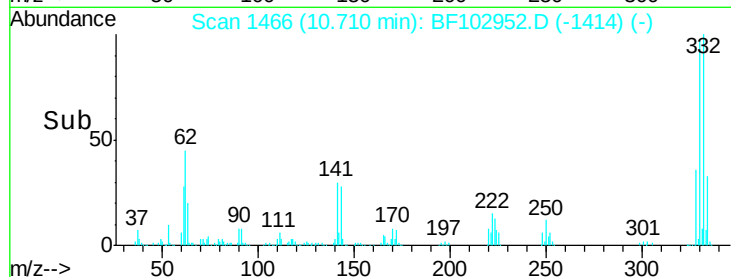
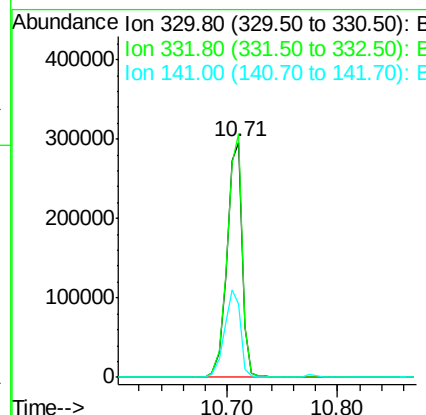
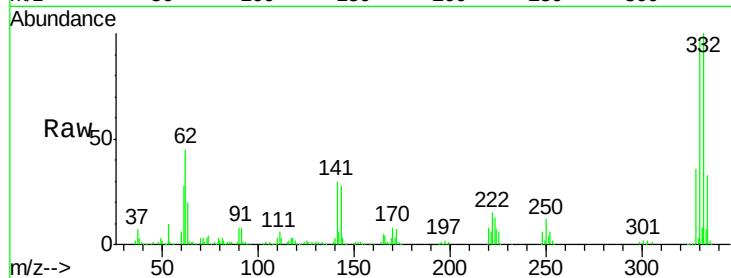




#41
 2,4,6-Tribromophenol
 Concen: 84.66 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.01 min
 Lab File: BF102952.D
 Acq: 13 Feb 2018 10:46

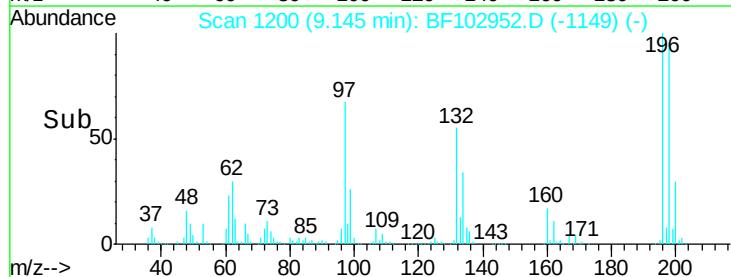
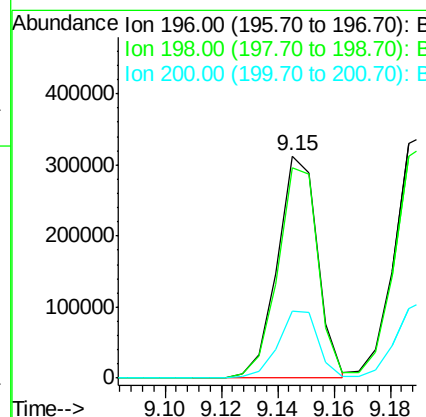
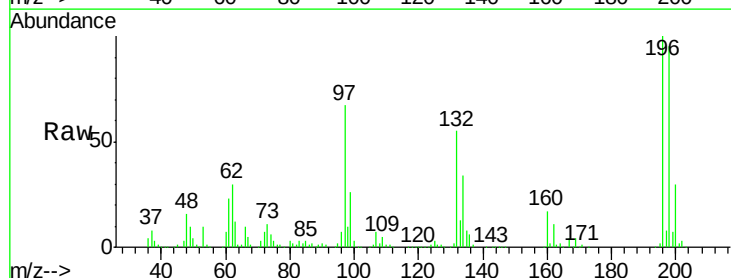
Instrument :
 BNA_F
 ClientSampleId :

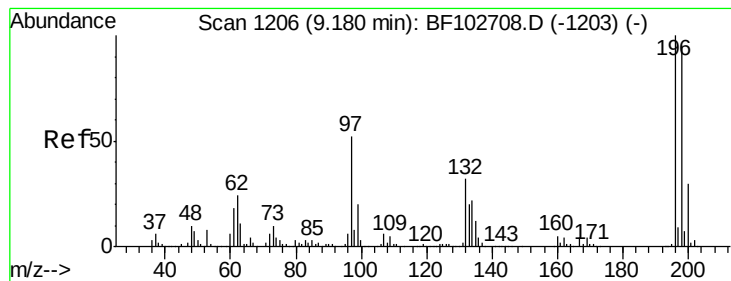
Tot Ion	Ratio	Lower	Upper
330	100		
332	101.3	77.0	115.6
141	38.6	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 40.98 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF102952.D
 Acq: 13 Feb 2018 10:46

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.9	75.7	113.5
200	30.0	24.5	36.7





#43

2,4,5-Trichlorophenol

Concen: 41.76 ng

RT: 9.19 min Scan# 1208

Delta R.T. 0.01 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:196 Resp: 353496

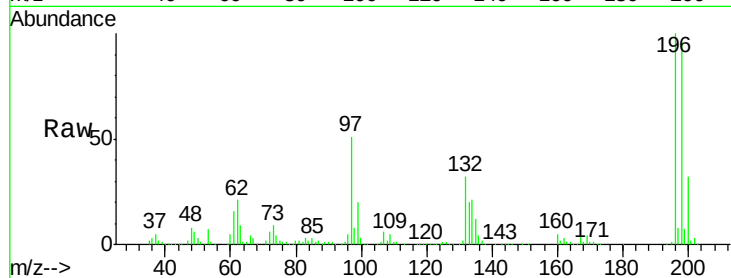
Ion Ratio Lower Upper

196 100

198 95.6 74.6 112.0

97 50.6 42.9 64.3

132 31.9 26.3 39.5

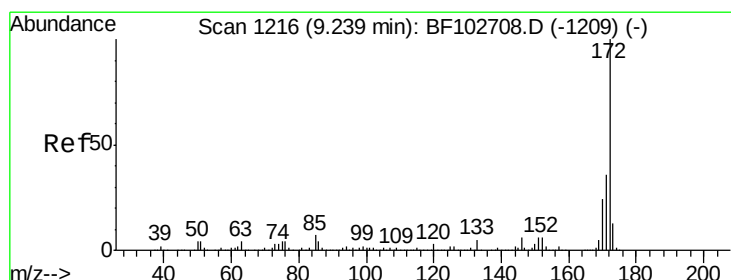
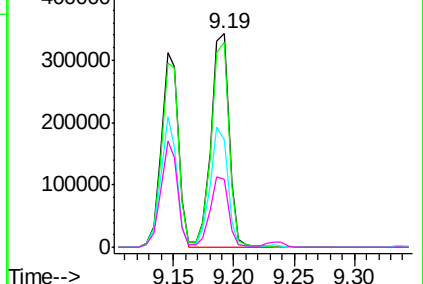
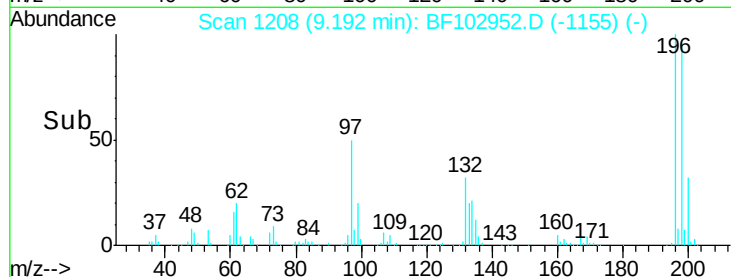


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 72.55 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

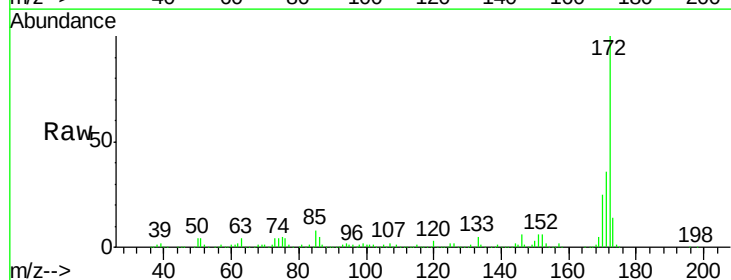
Tgt Ion:172 Resp: 1835814

Ion Ratio Lower Upper

172 100

171 36.4 29.7 44.5

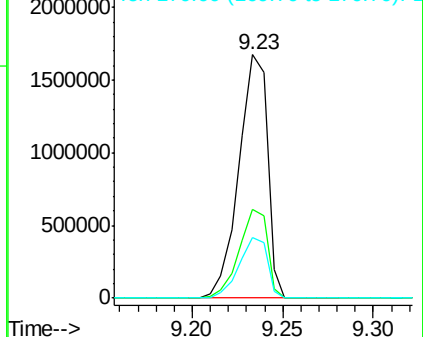
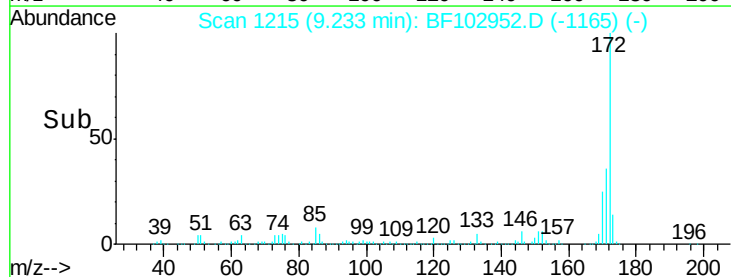
170 24.8 19.6 29.4

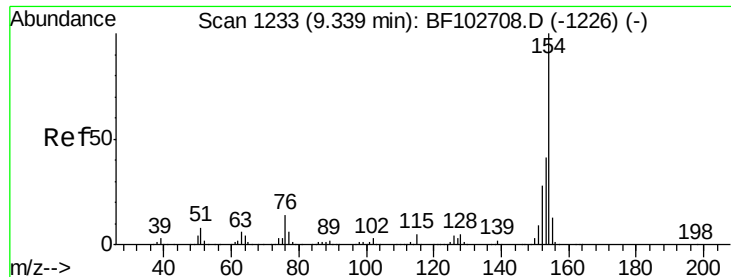


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 36.47 ng

RT: 9.34 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

Instrument :

BNA_F

ClientSampleId :

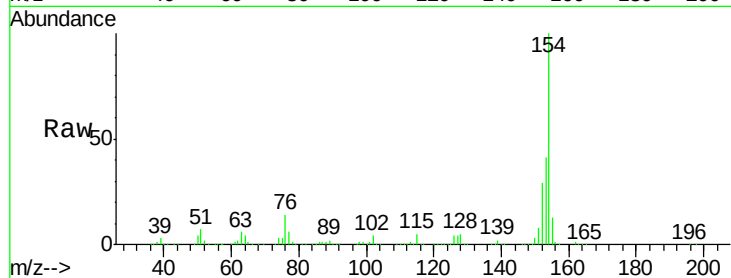
Tot Ion:154 Resp: 1289942

Ion Ratio Lower Upper

154 100

153 41.1 21.3 61.3

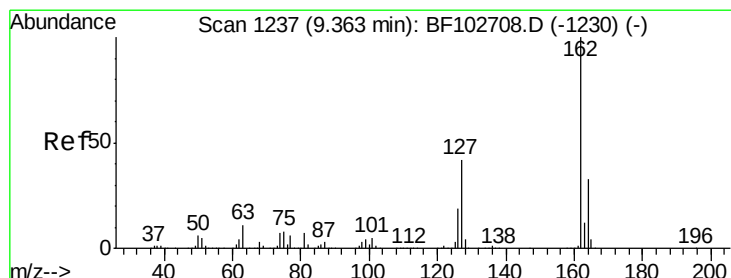
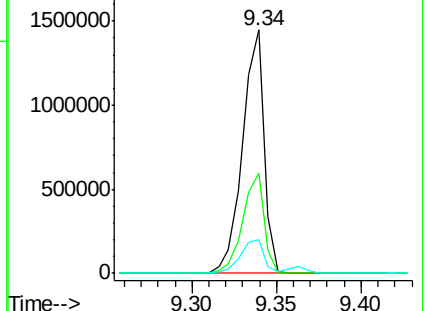
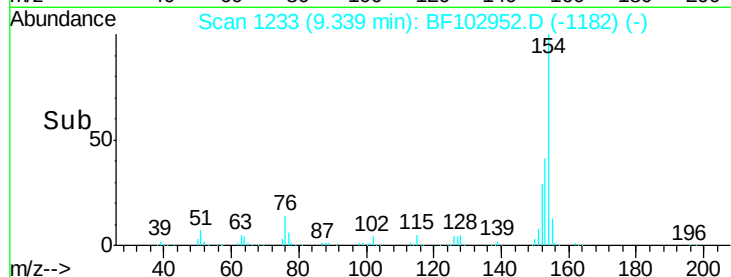
76 13.6 0.0 34.0



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: 37.38 ng

RT: 9.36 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

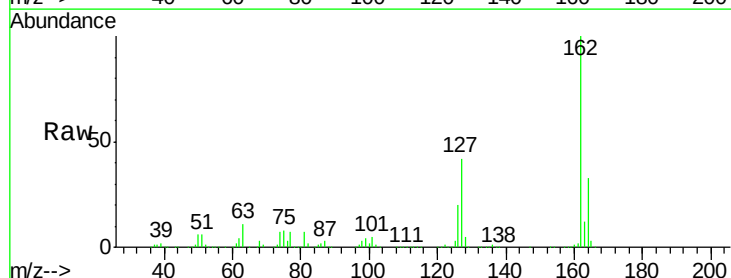
Tgt Ion:162 Resp: 1040824

Ion Ratio Lower Upper

162 100

127 42.1 33.9 50.9

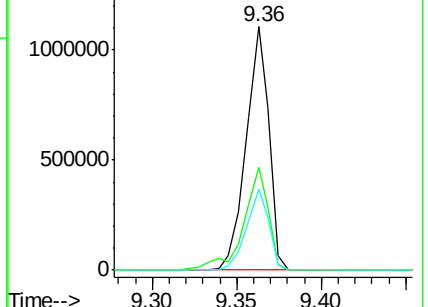
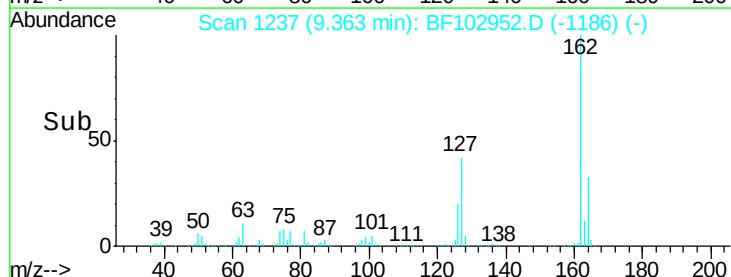
164 33.2 26.5 39.7

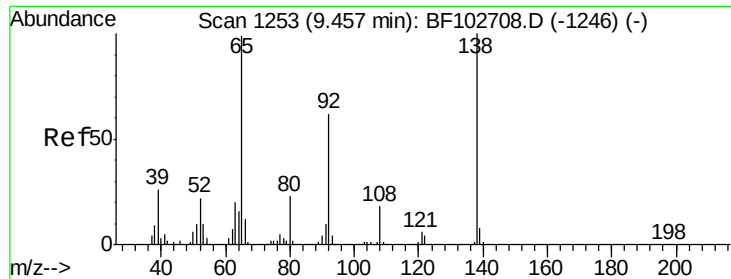


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

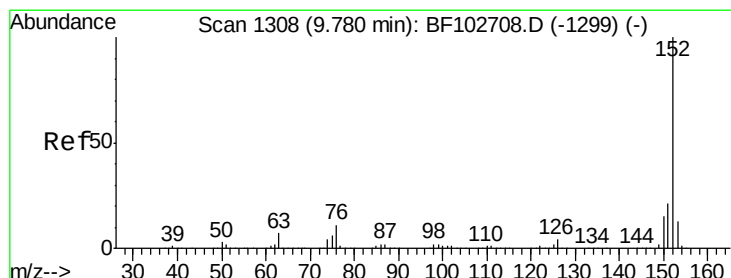
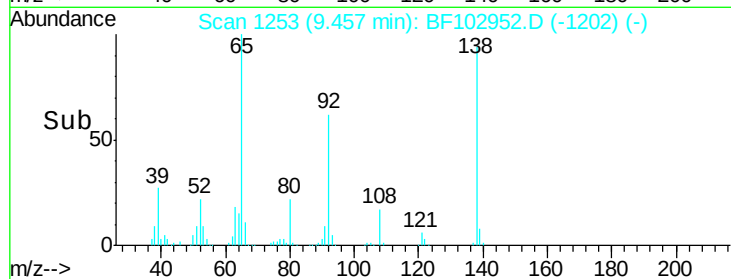
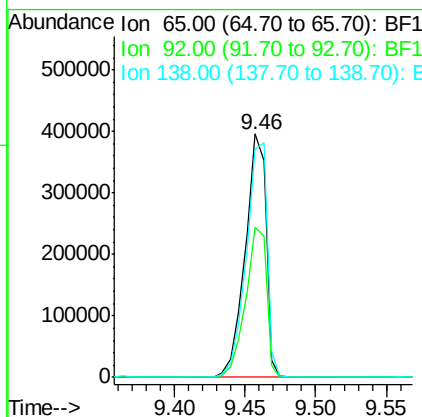
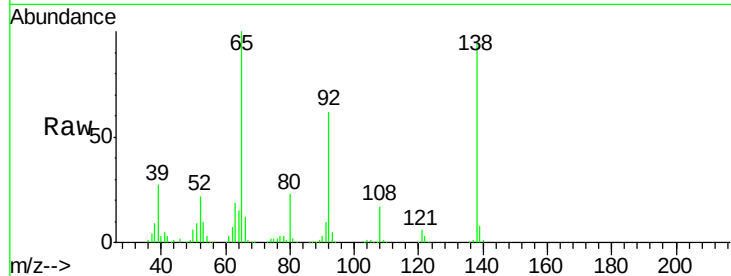




#47
2-Nitroaniline
Concen: 47.68 ng
RT: 9.46 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

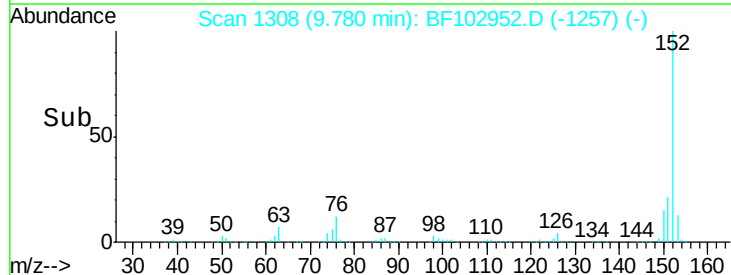
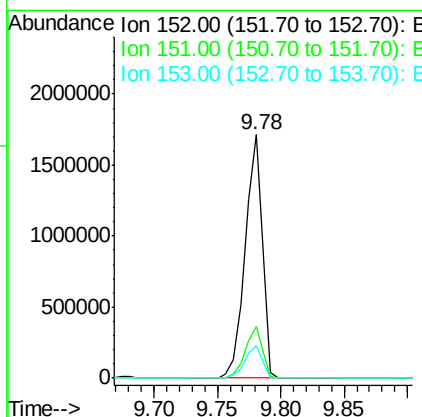
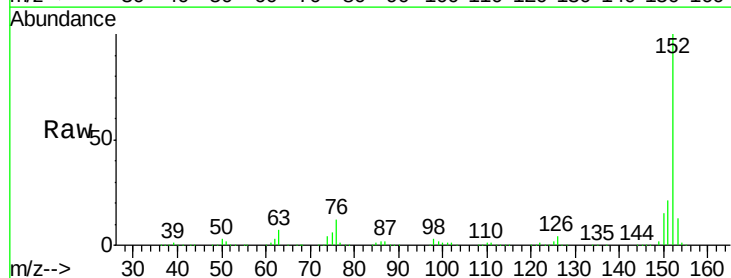
Instrument :
BNA_F
ClientSampleId :

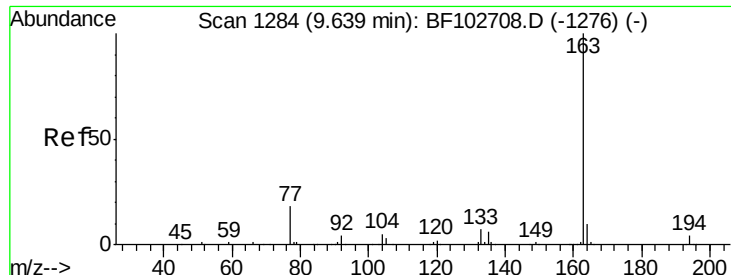
Tot Ion: 65 Resp: 409449
Ion Ratio Lower Upper
65 100
92 61.9 55.8 83.6
138 93.6 91.2 136.8



#48
Acenaphthylene
Concen: 36.61 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

Tgt Ion: 152 Resp: 1583042
Ion Ratio Lower Upper
152 100
151 21.1 16.3 24.5
153 13.3 10.7 16.1





#49

Dimethylphthalate

Concen: 38.44 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

Instrument :

BNA_F

ClientSampleId :

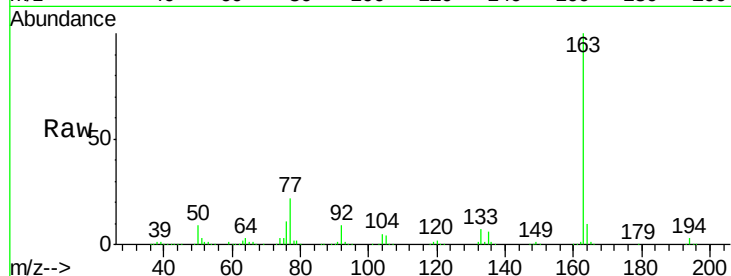
Tot Ion:163 Resp: 1258637

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

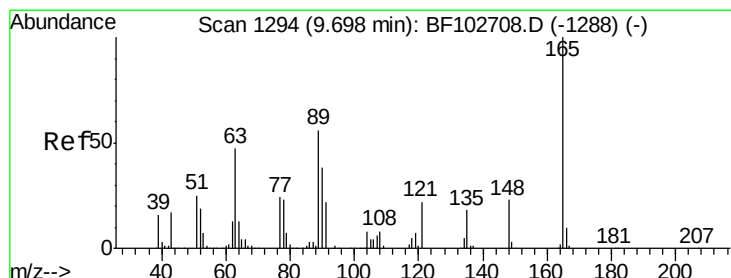
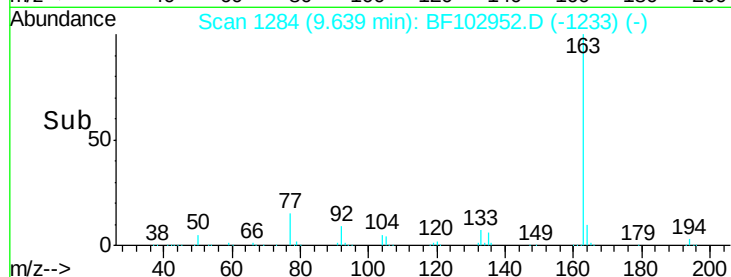
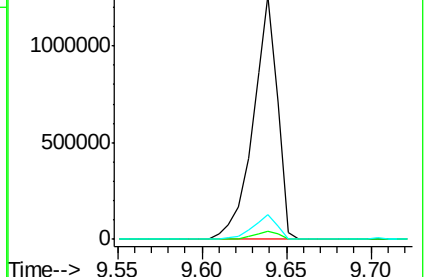
164 10.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.37 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

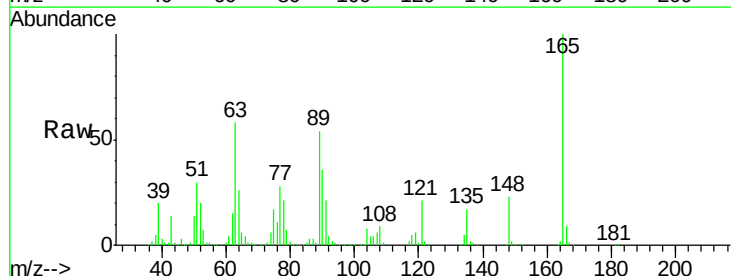
Tgt Ion:165 Resp: 276369

Ion Ratio Lower Upper

165 100

63 58.2 44.7 67.1

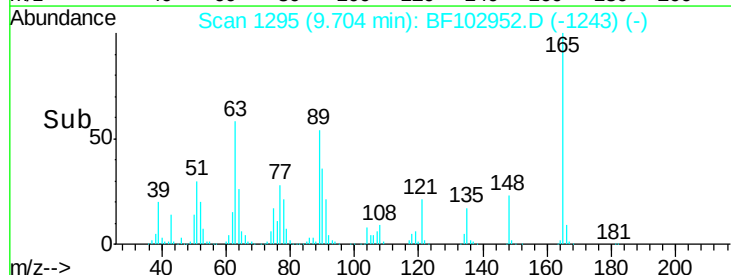
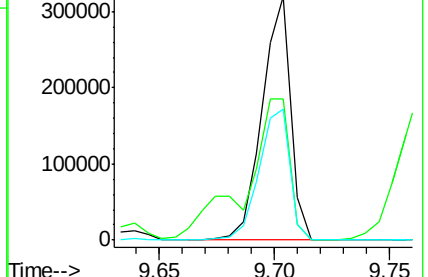
89 53.7 44.0 66.0

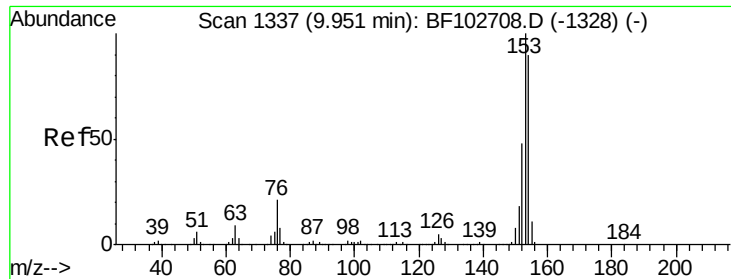


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 36.24 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

Instrument :

BNA_F

ClientSampleId :

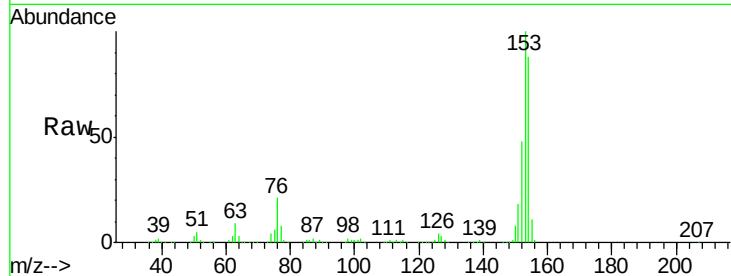
Tot Ion:154 Resp: 937173

Ion Ratio Lower Upper

154 100

153 114.2 91.2 136.8

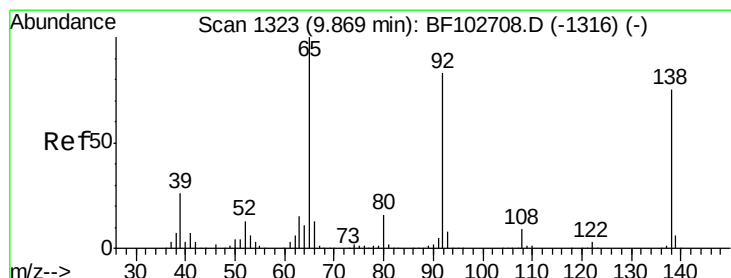
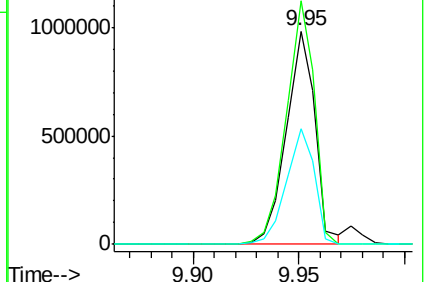
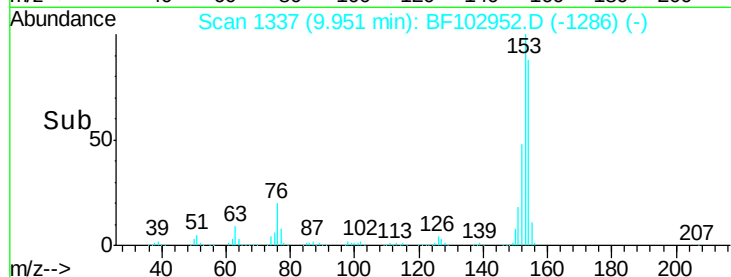
152 54.4 43.8 65.8



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: 44.30 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

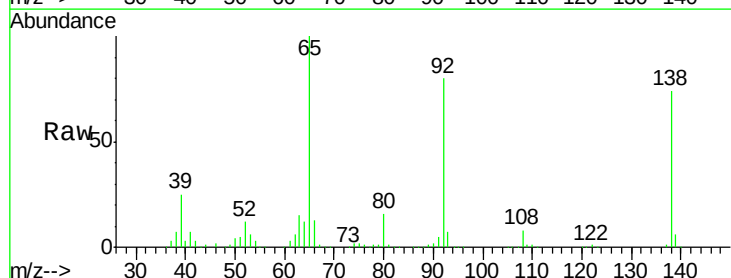
Tgt Ion:138 Resp: 339558

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

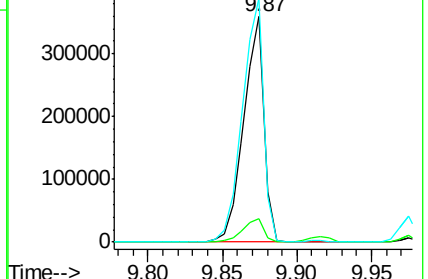
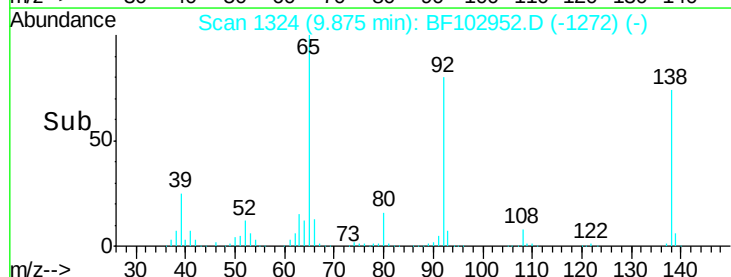
92 108.2 89.4 134.2

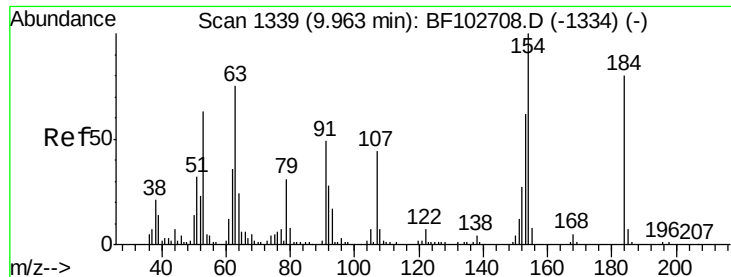


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

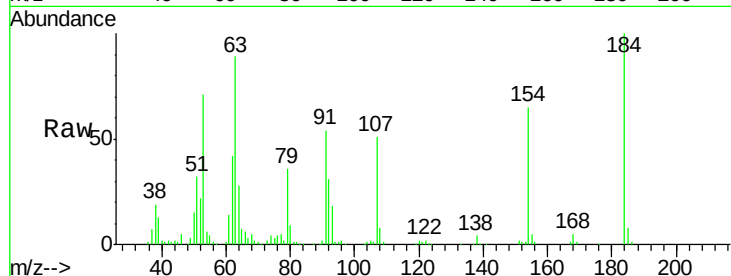




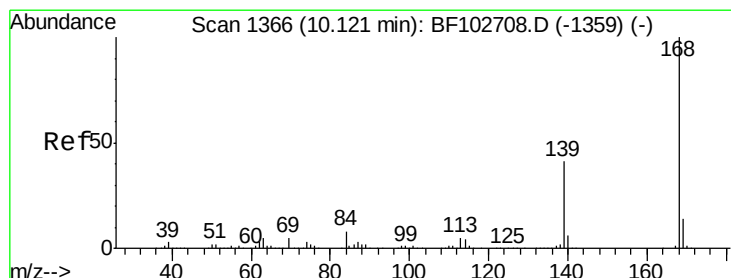
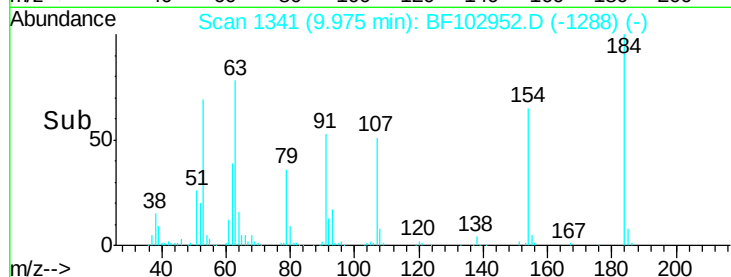
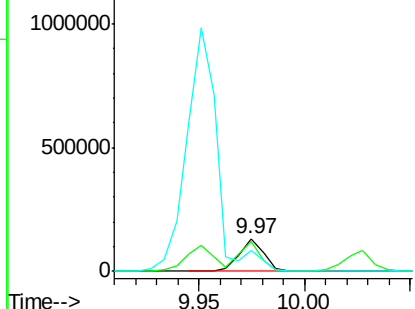
#53
2,4-Dinitrophenol
Concen: 61.89 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 108369
Ion Ratio Lower Upper
184 100
63 89.4 54.2 81.2#
154 64.9 184.0 276.0#

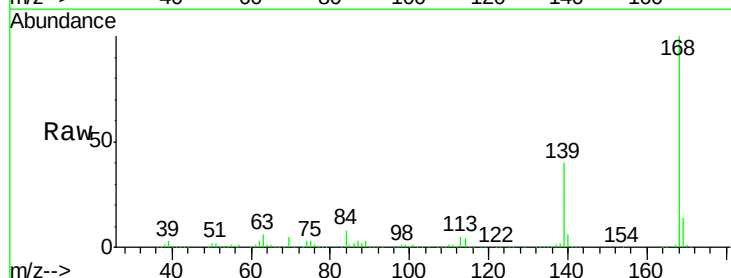


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

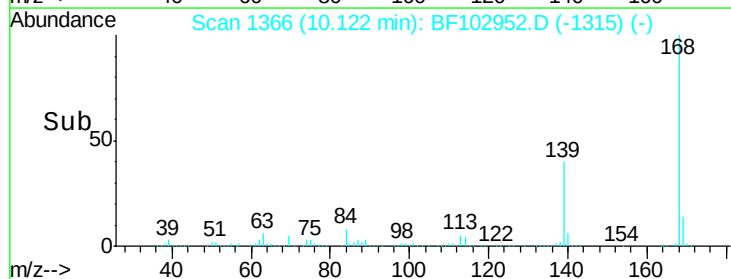
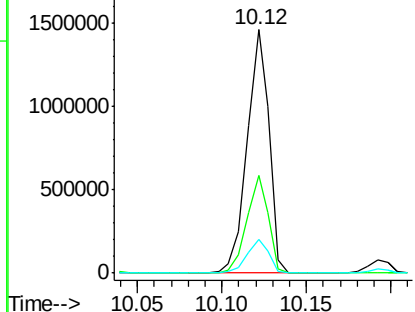


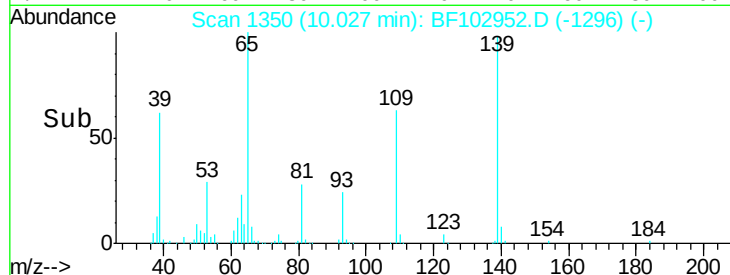
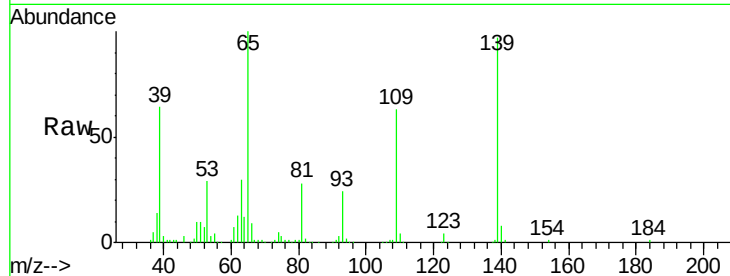
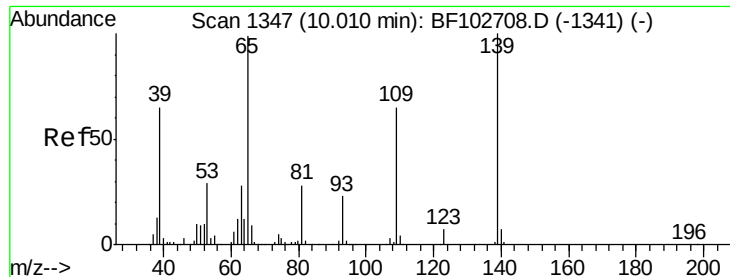
#54
Dibenzofuran
Concen: 36.31 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

Tgt Ion:168 Resp: 1323218
Ion Ratio Lower Upper
168 100
139 40.3 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

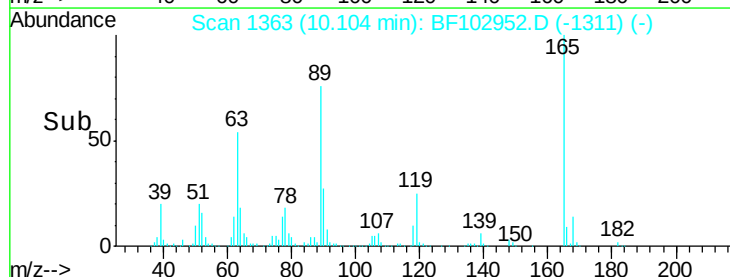
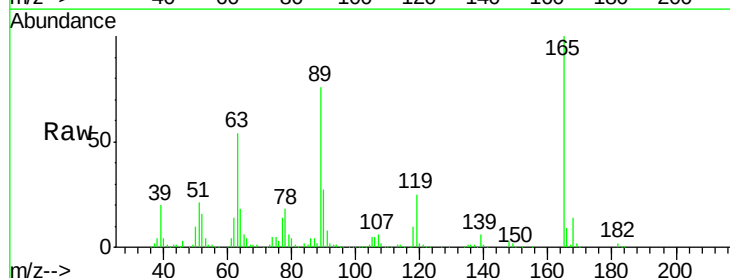
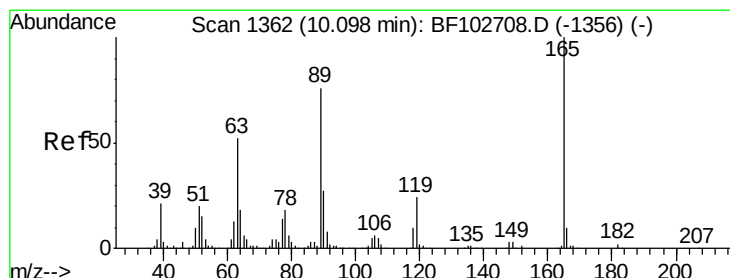
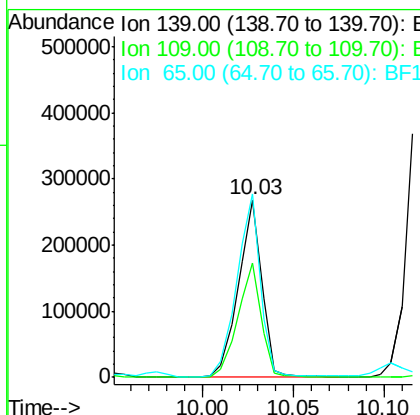




#55
4-Nitrophenol
Concen: 40.41 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.02 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

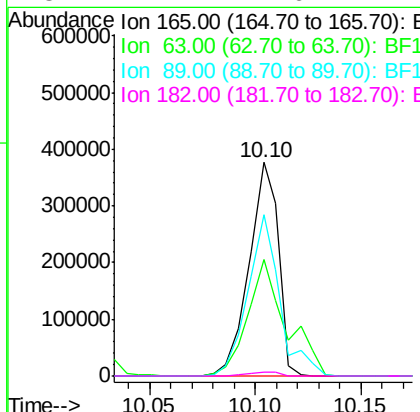
Instrument :
BNA_F
ClientSampled :

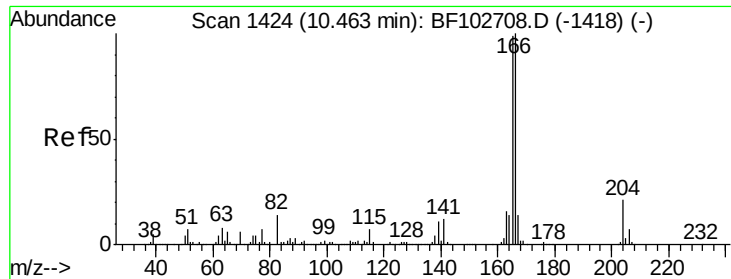
Tot Ion:139 Resp: 241299
Ion Ratio Lower Upper
139 100
109 64.8 48.4 88.4
65 103.3 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 43.73 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

Tgt Ion:165 Resp: 362912
Ion Ratio Lower Upper
165 100
63 54.5 36.4 54.6
89 75.7 57.8 86.6
182 2.1 1.6 2.4

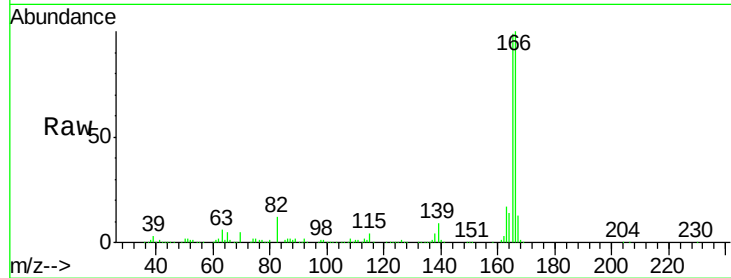




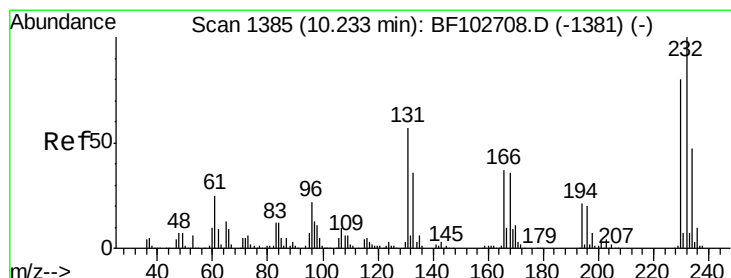
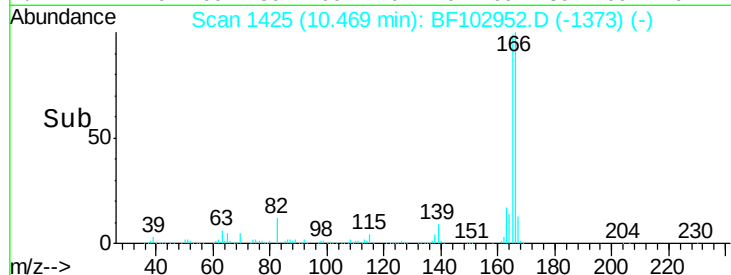
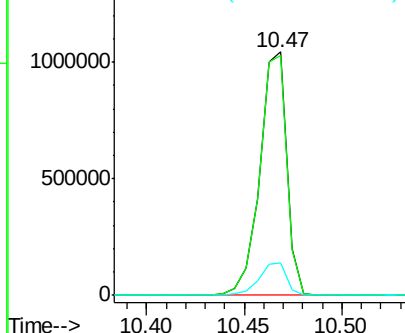
#57
 Fluorene
 Concen: 37.59 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BF102952.D
 Acq: 13 Feb 2018 10:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 996780
 Ion Ratio Lower Upper
 166 100
 165 98.6 79.8 119.8
 167 13.2 10.6 16.0

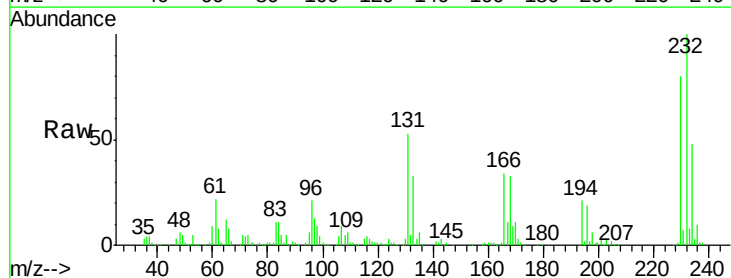


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

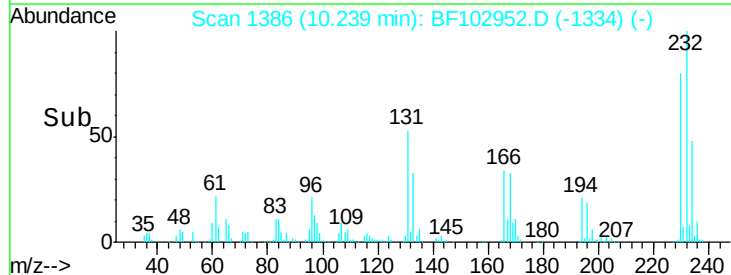
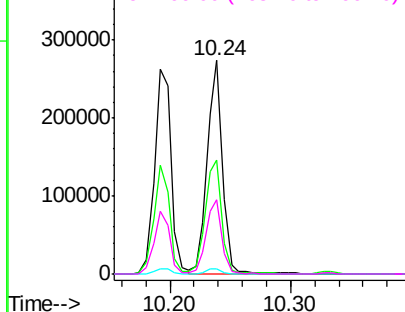


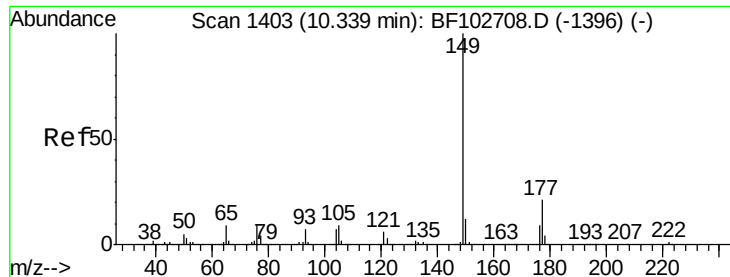
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.66 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. 0.01 min
 Lab File: BF102952.D
 Acq: 13 Feb 2018 10:46

Tgt Ion:232 Resp: 238541
 Ion Ratio Lower Upper
 232 100
 131 56.9 43.8 65.8
 130 2.8 2.1 3.1
 166 35.6 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

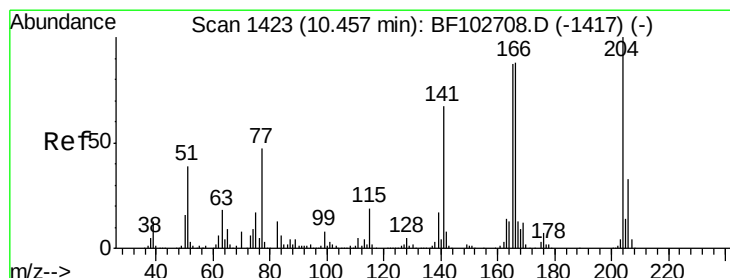
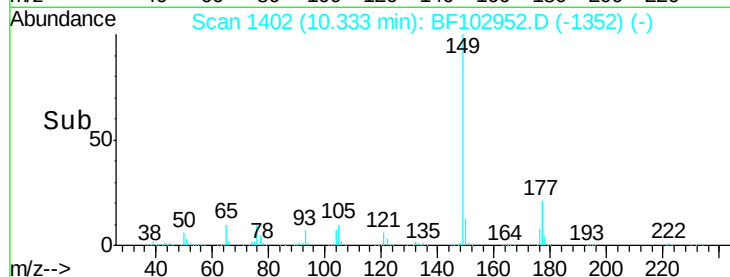
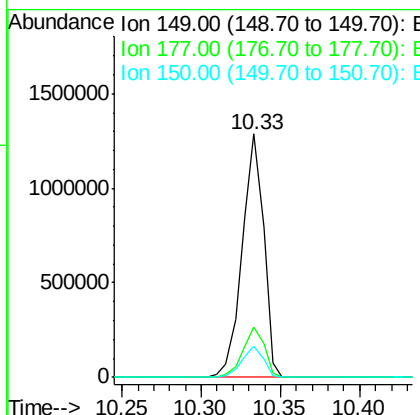
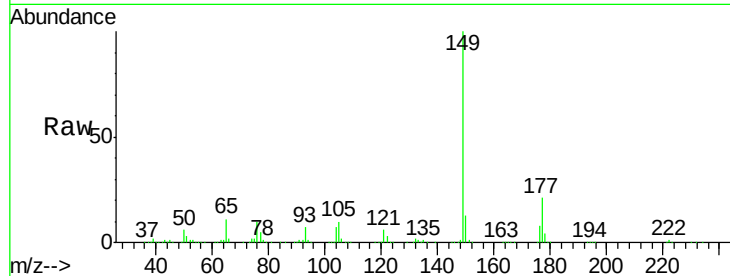




#59
Diethylphthalate
Concen: 37.28 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

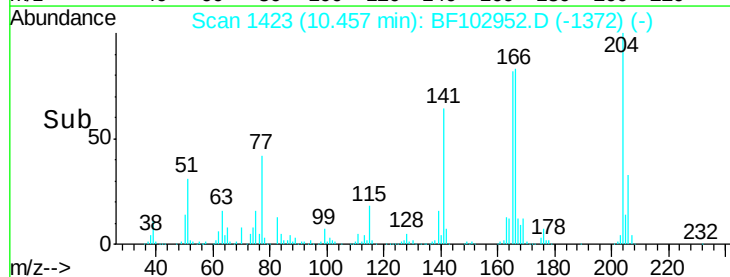
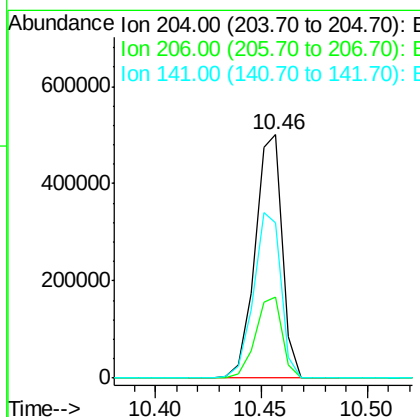
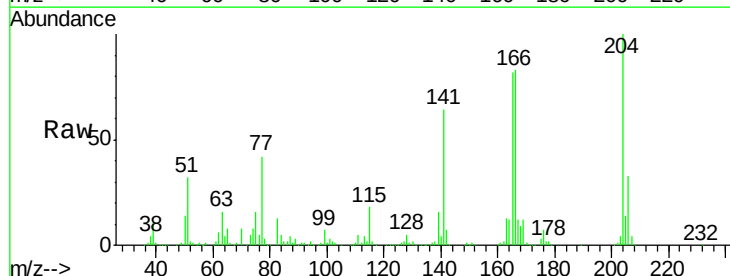
Instrument :
BNA_F
ClientSampleId :

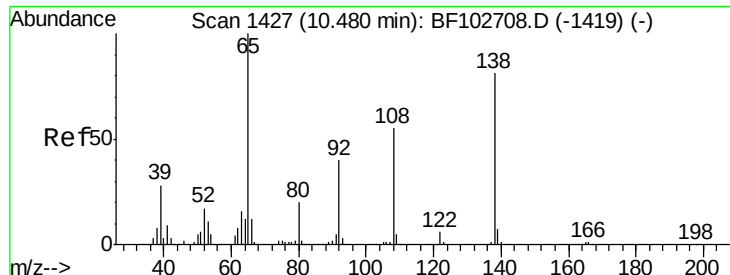
Tot Ion:149 Resp: 1205336
Ion Ratio Lower Upper
149 100
177 20.7 16.1 24.1
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 38.14 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

Tgt Ion:204 Resp: 447386
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 63.7 54.6 81.8





#61

4-Nitroaniline

Concen: 46.01 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.01 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

Instrument :

BNA_F

ClientSampleId :

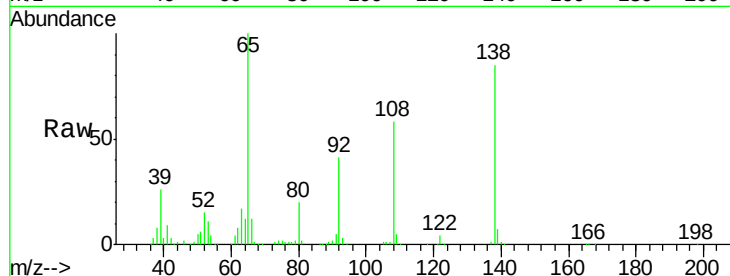
Tot Ion:138 Resp: 335655

Ion Ratio Lower Upper

138 100

92 47.7 30.2 70.2

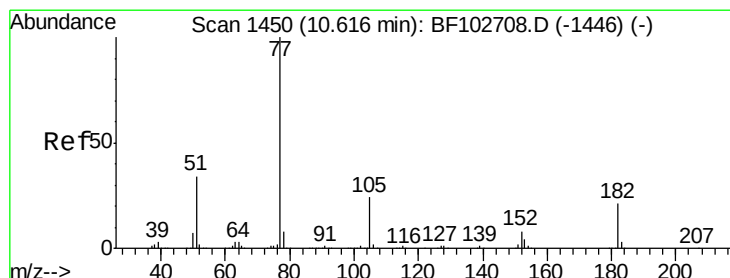
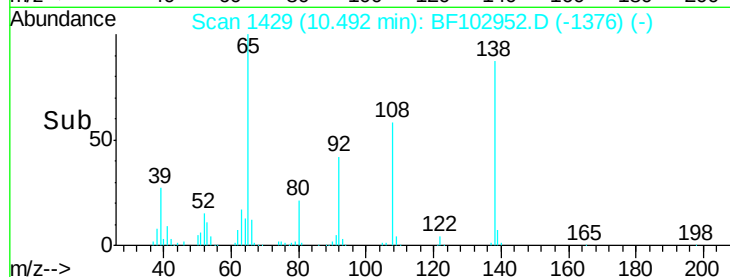
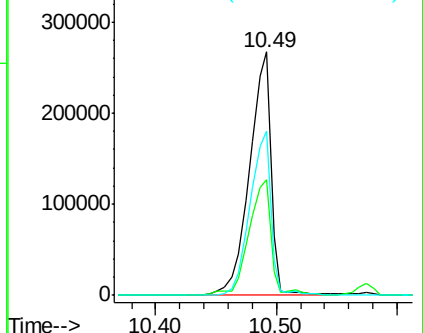
108 67.4 52.5 92.5



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: 37.62 ng

RT: 10.62 min Scan# 1450

Delta R.T. 0.00 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

Tgt Ion: 77 Resp: 1215121

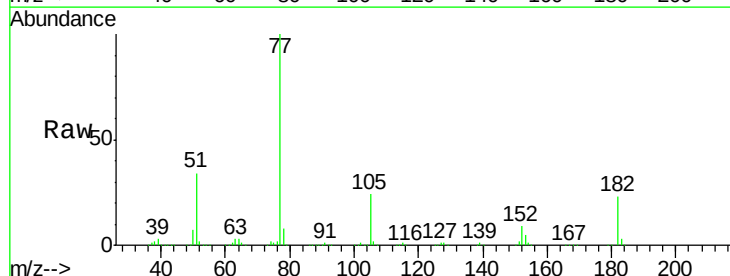
Ion Ratio Lower Upper

77 100

182 22.6 1.7 41.7

105 24.1 3.0 43.0

51 33.6 9.9 49.9

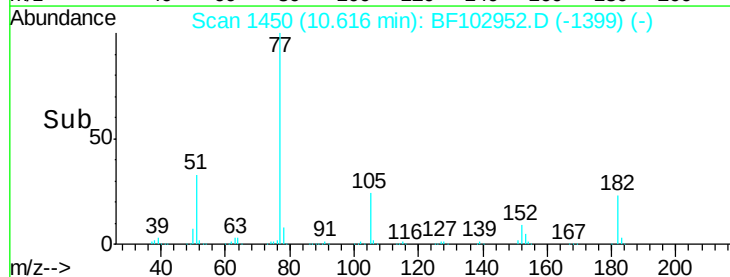
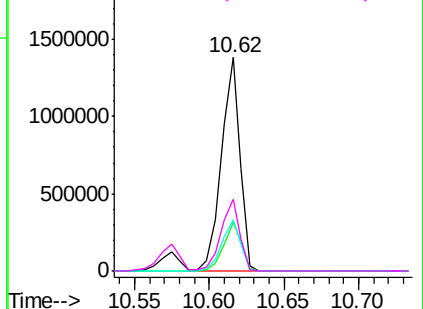


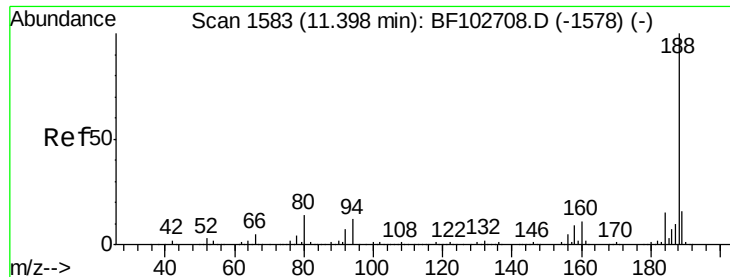
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

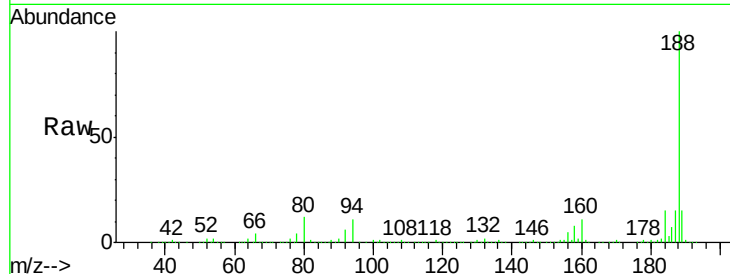




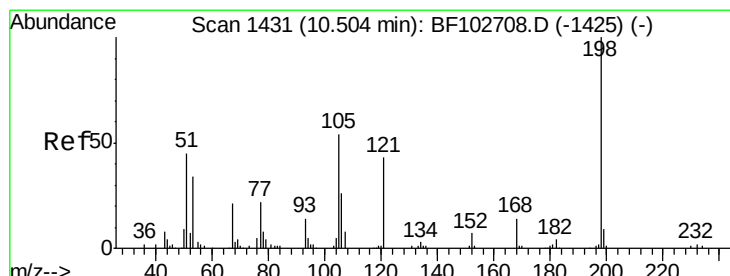
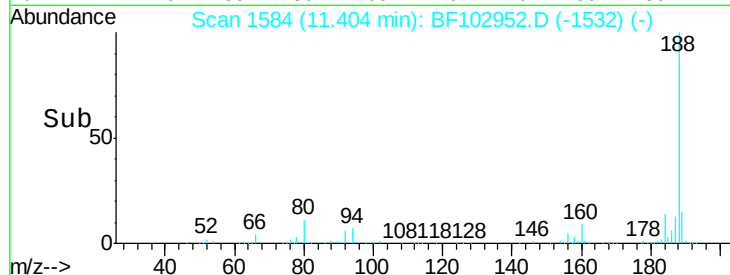
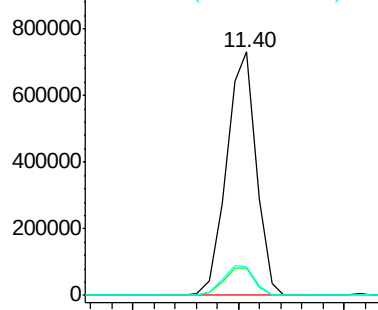
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: BF102952.D
 Acq: 13 Feb 2018 10:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	11.9	9.2	13.8

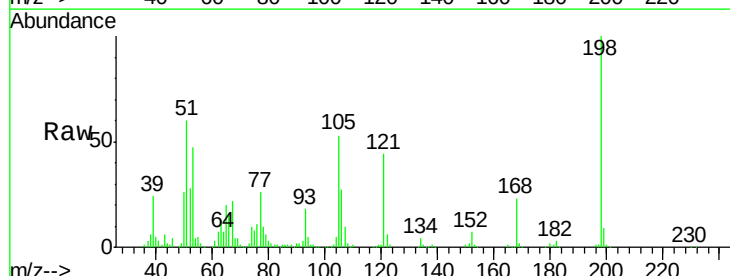


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

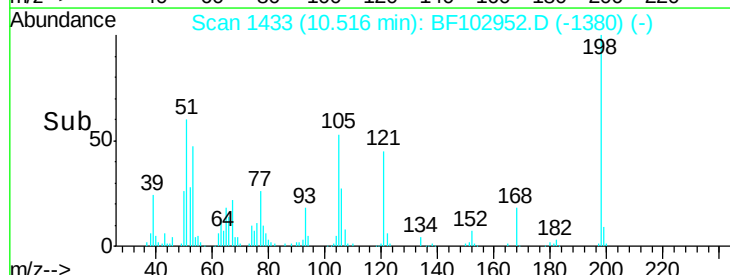
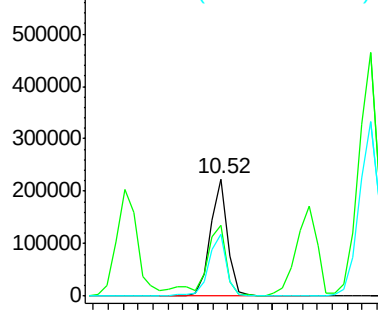


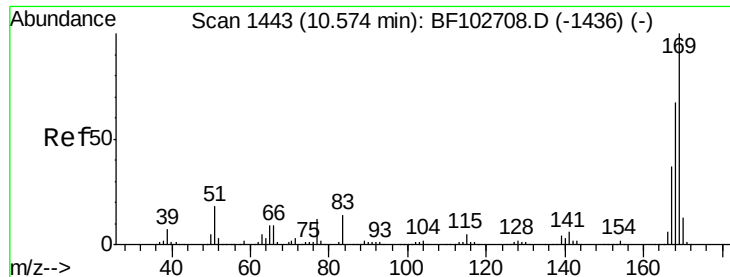
#64
 4,6-Dinitro-2-methylphenol
 Concen: 56.88 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.01 min
 Lab File: BF102952.D
 Acq: 13 Feb 2018 10:46

Tgt Ion	Ratio	Lower	Upper
198	100		
51	59.8	37.7	77.7
105	52.5	36.3	76.3



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

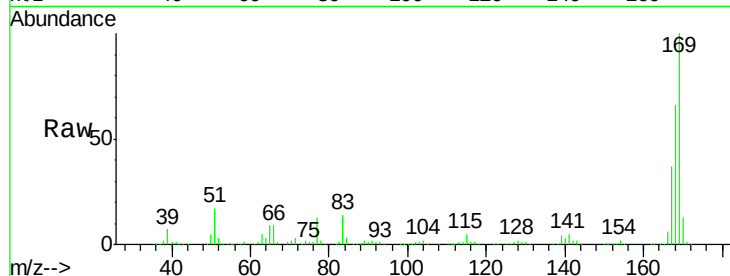




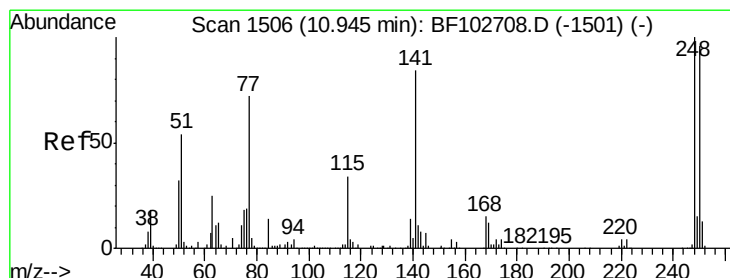
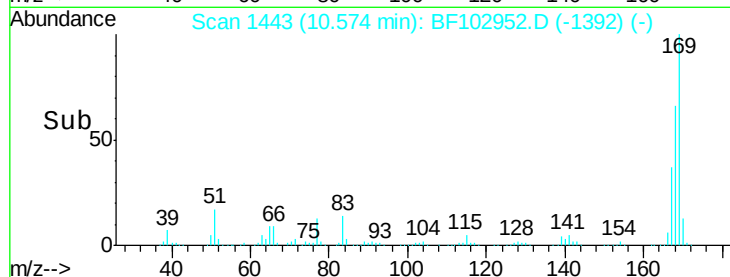
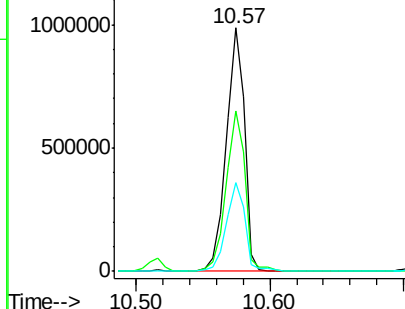
#65
 n-Nitrosodiphenylamine
 Concen: 37.67 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: BF102952.D
 Acq: 13 Feb 2018 10:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 951730
 Ion Ratio Lower Upper
 169 100
 168 66.0 54.4 81.6
 167 36.6 29.8 44.6

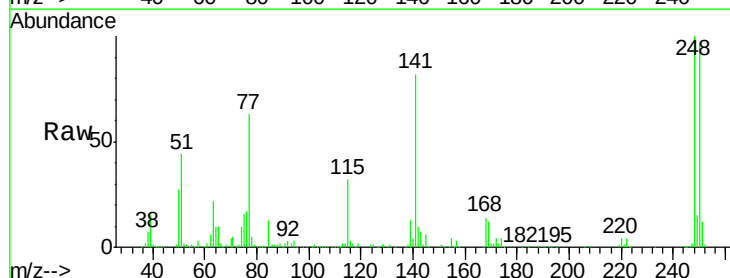


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

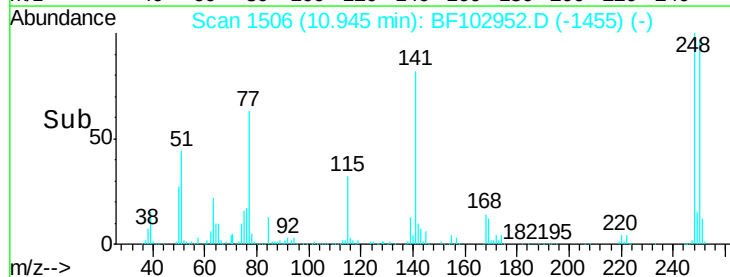
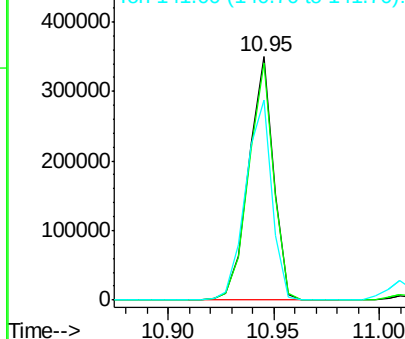


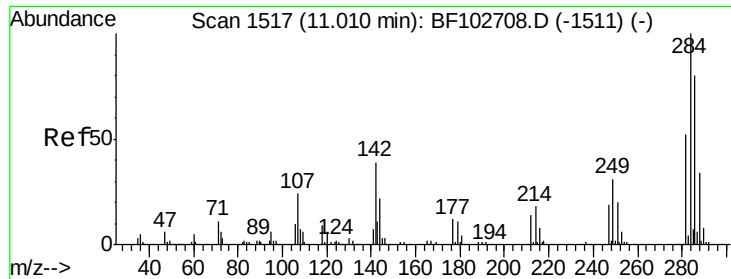
#66
 4-Bromophenyl-phenylether
 Concen: 37.77 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. 0.00 min
 Lab File: BF102952.D
 Acq: 13 Feb 2018 10:46

Tgt Ion:248 Resp: 286248
 Ion Ratio Lower Upper
 248 100
 250 97.2 76.9 115.3
 141 82.4 74.4 111.6



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

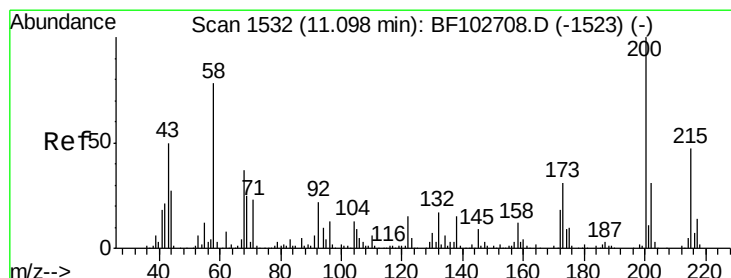
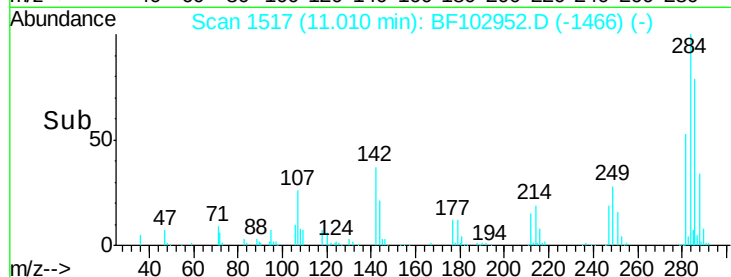
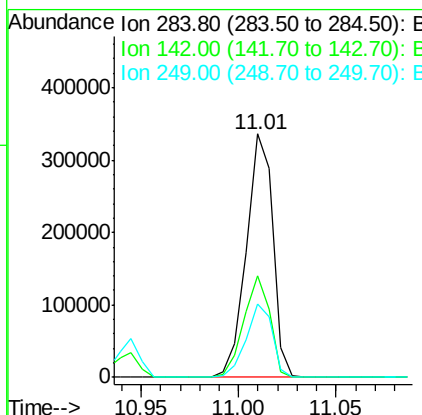
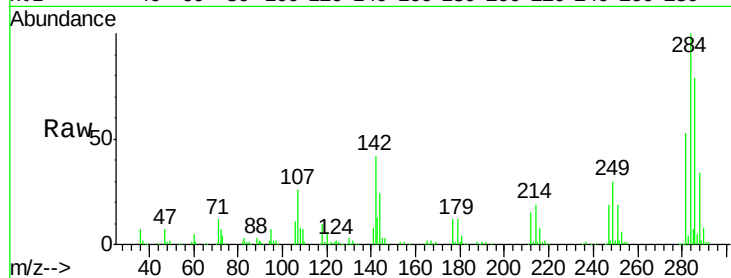




#67
Hexachlorobenzene
Concen: 37.83 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

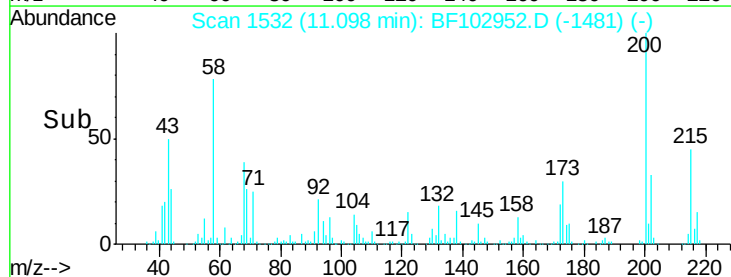
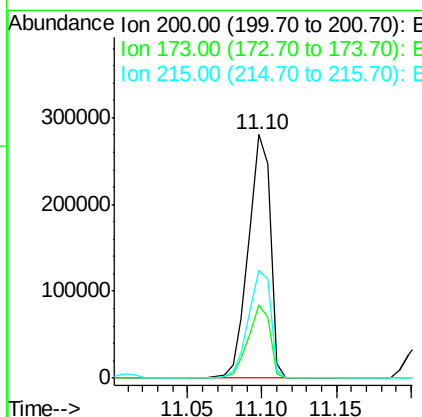
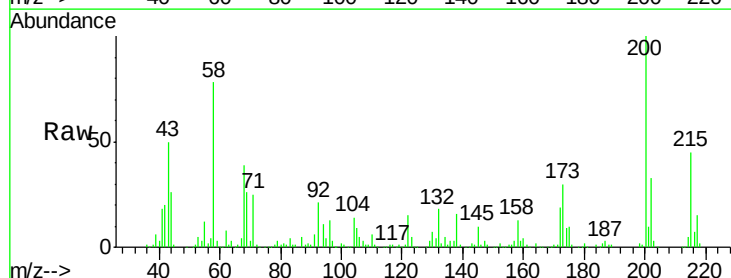
Instrument :
BNA_F
ClientSampleId :

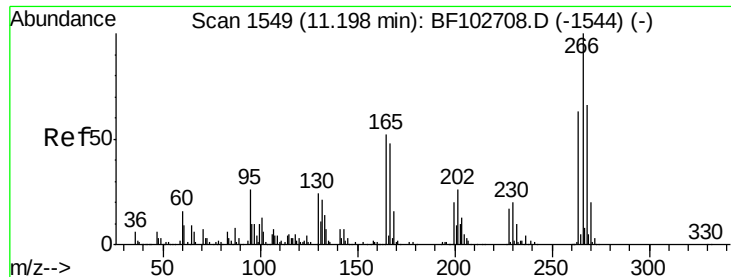
Tot Ion:284 Resp: 316259
Ion Ratio Lower Upper
284 100
142 41.9 34.6 52.0
249 30.2 24.8 37.2



#68
Atrazine
Concen: 38.18 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

Tgt Ion:200 Resp: 284577
Ion Ratio Lower Upper
200 100
173 30.4 8.6 48.6
215 44.6 25.1 65.1

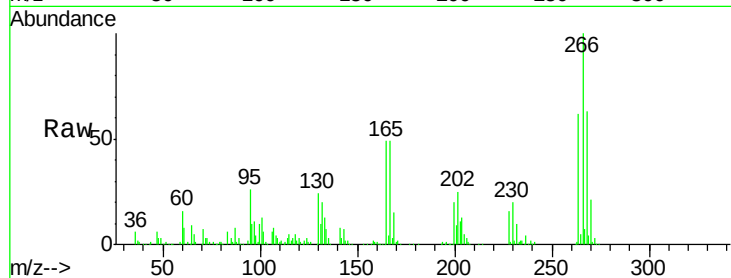




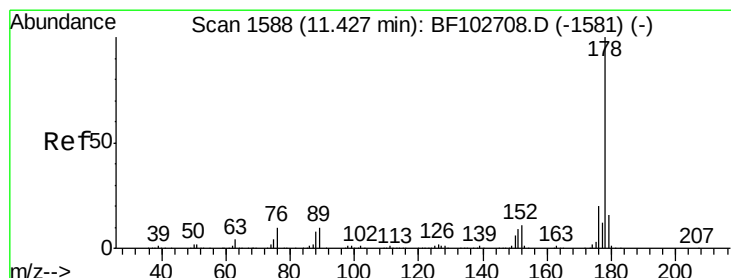
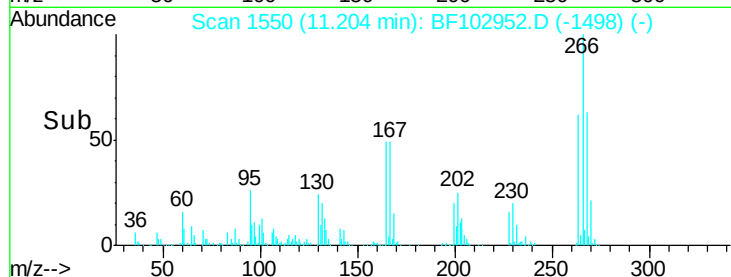
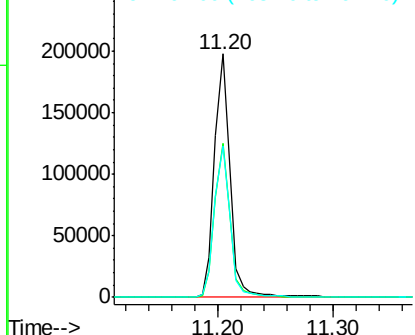
#69
 Pentachlorophenol
 Concen: 38.21 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. 0.01 min
 Lab File: BF102952.D
 Acq: 13 Feb 2018 10:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 187494
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.1 76.7
 264 62.4 49.5 74.3

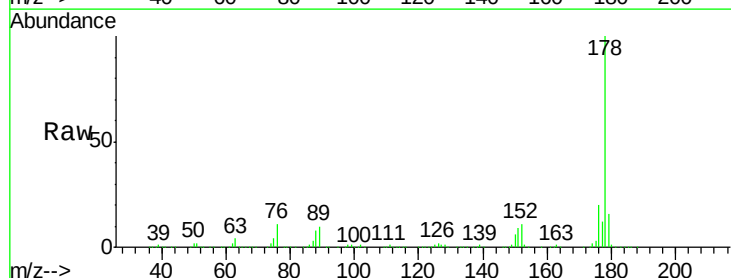


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

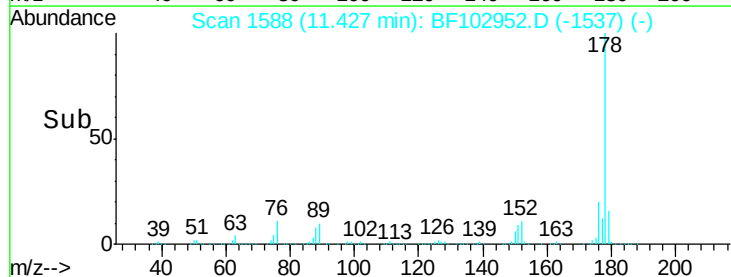
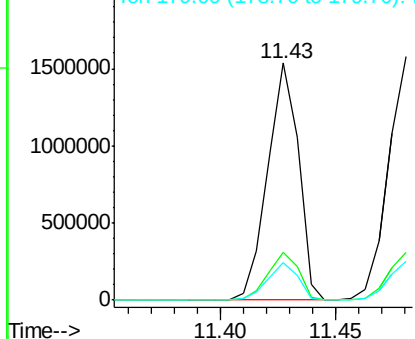


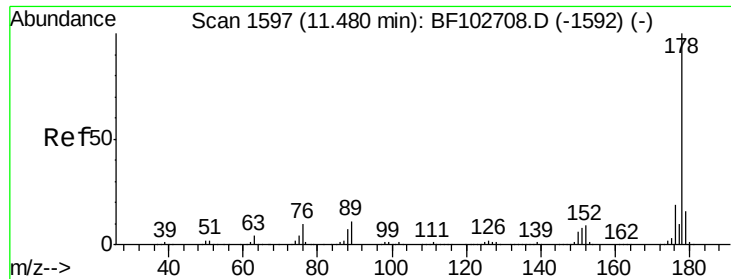
#70
 Phenanthrene
 Concen: 35.76 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.00 min
 Lab File: BF102952.D
 Acq: 13 Feb 2018 10:46

Tgt Ion:178 Resp: 1426561
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.8
 179 15.9 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

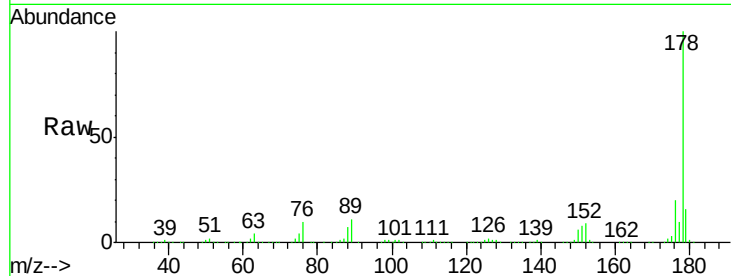




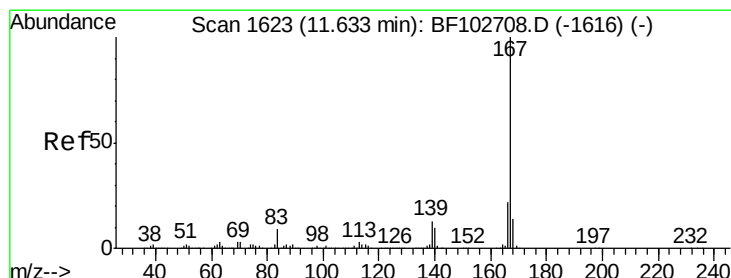
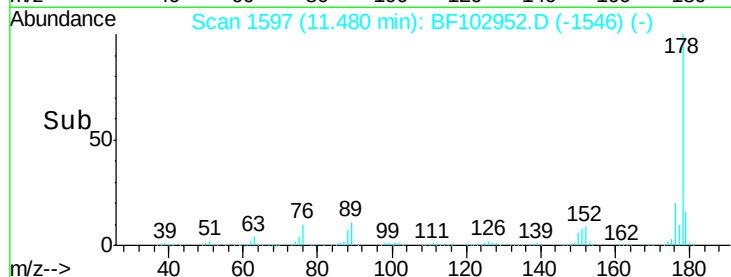
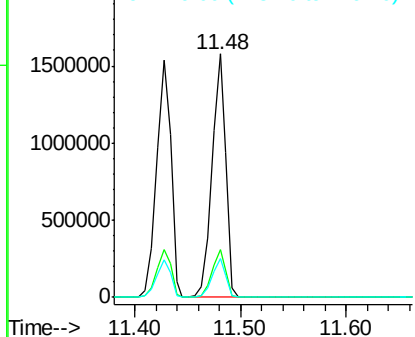
#71
 Anthracene
 Concen: 36.03 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF102952.D
 Acq: 13 Feb 2018 10:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1461884
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 16.1 12.6 19.0

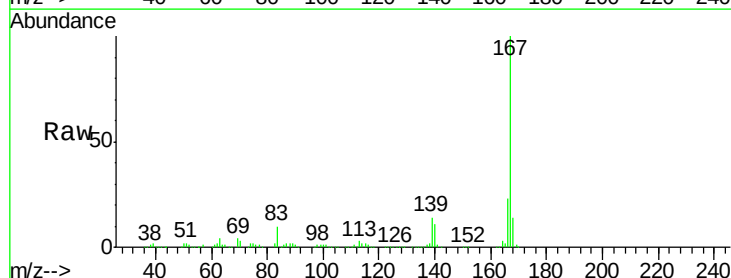


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

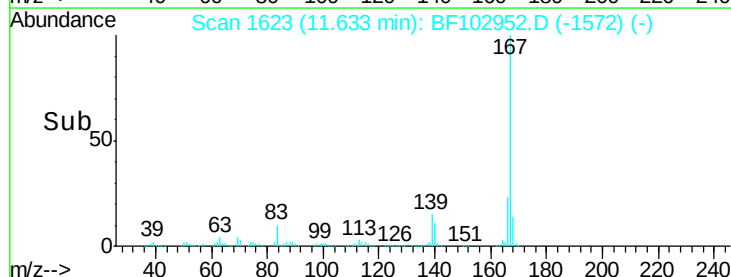
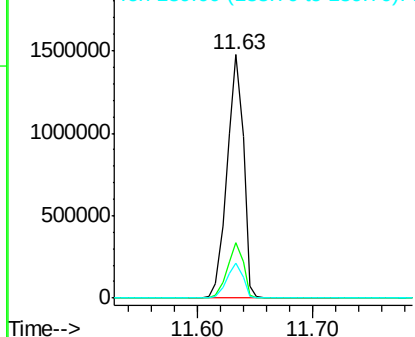


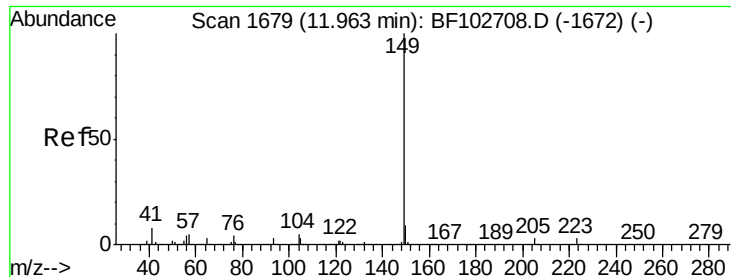
#72
 Carbazole
 Concen: 36.27 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF102952.D
 Acq: 13 Feb 2018 10:46

Tgt Ion:167 Resp: 1441868
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.6 26.4
 139 14.5 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: 38.48 ng

RT: 11.96 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

Instrument :

BNA_F

ClientSampleId :

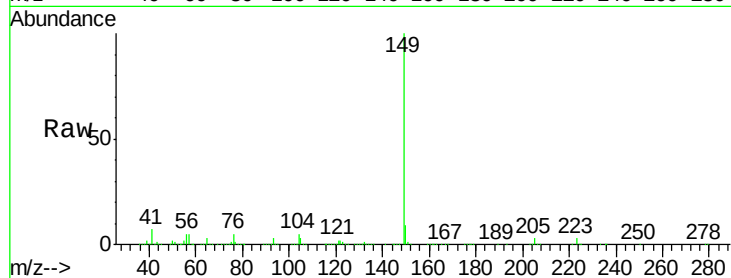
Tot Ion:149 Resp: 1858347

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

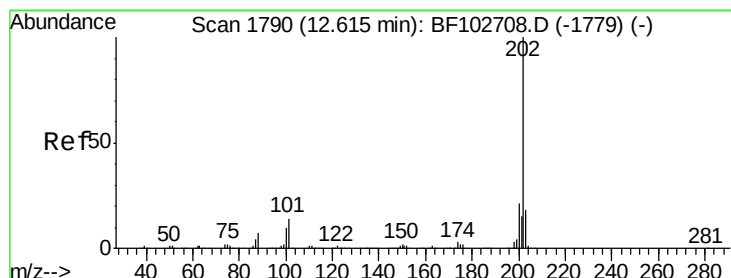
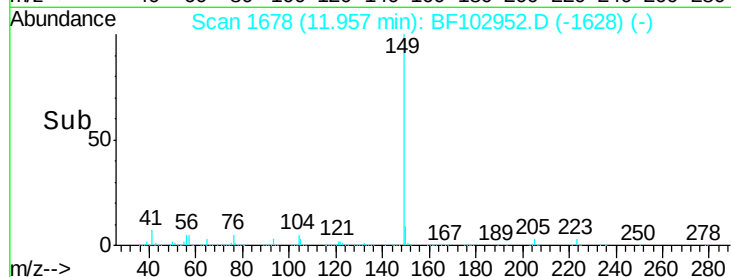
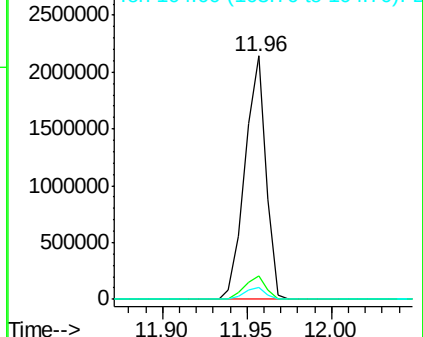
104 4.8 3.8 5.8



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: 35.66 ng

RT: 12.62 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

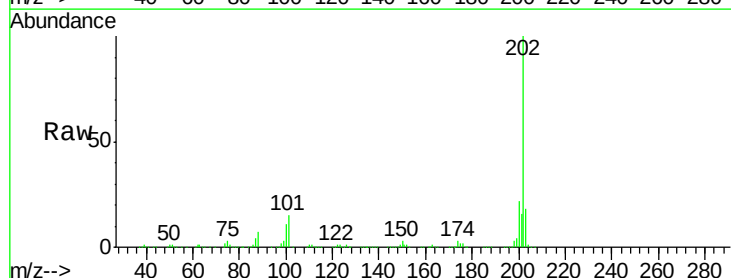
Tgt Ion:202 Resp: 1431605

Ion Ratio Lower Upper

202 100

101 15.2 0.0 34.1

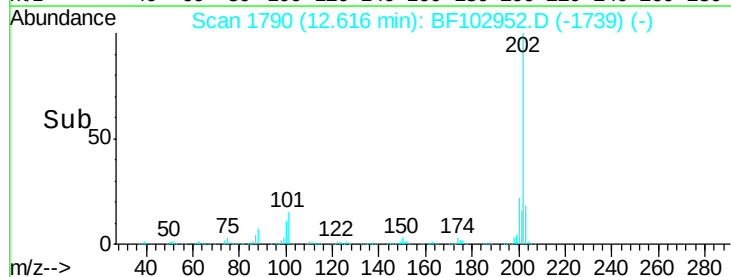
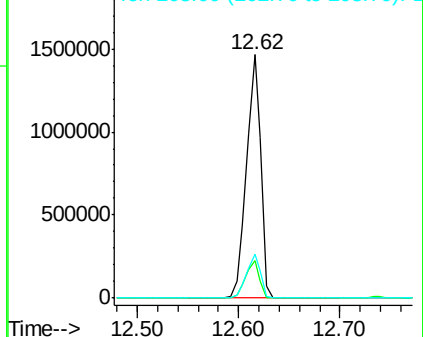
203 18.2 0.0 38.1

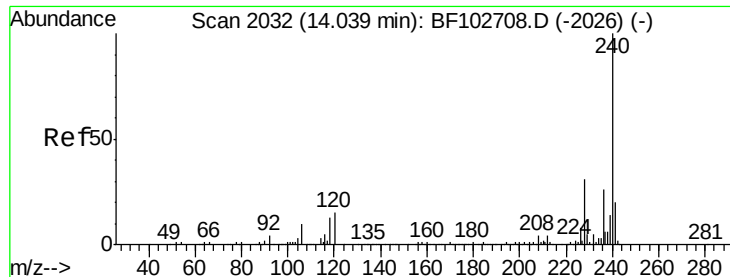


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

Instrument :

BNA_F

ClientSampleId :

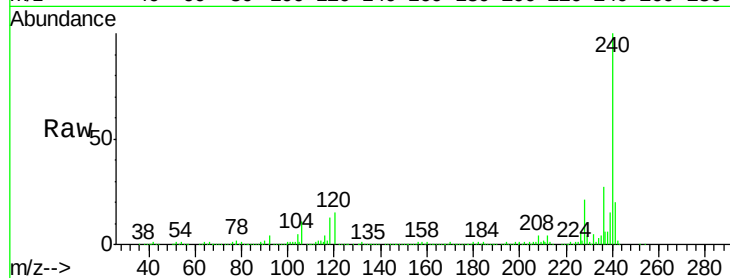
Tot Ion:240 Resp: 497529

Ion Ratio Lower Upper

240 100

120 15.0 9.5 14.3#

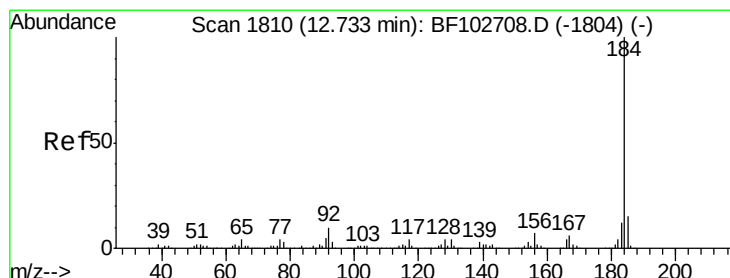
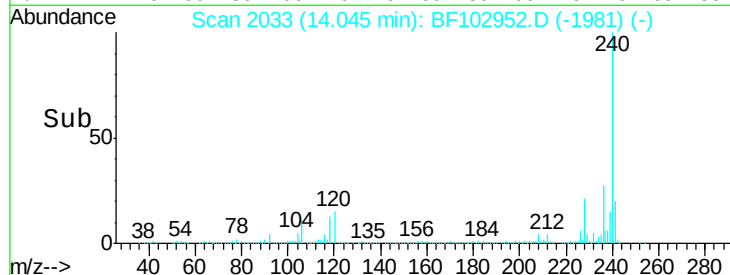
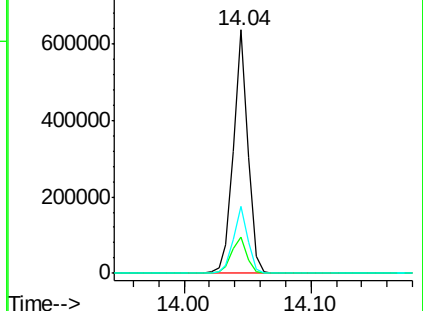
236 27.4 20.7 31.1



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



#76

Benzidine

Concen: 43.59 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

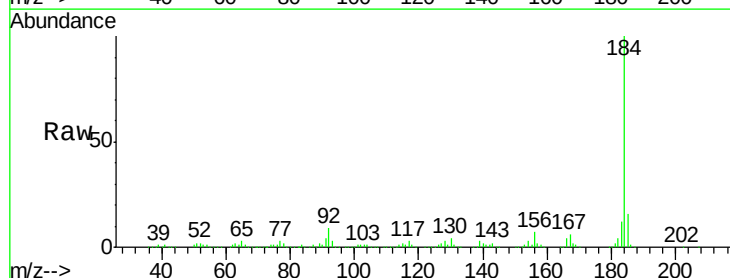
Tgt Ion:184 Resp: 996851

Ion Ratio Lower Upper

184 100

185 15.7 12.6 18.8

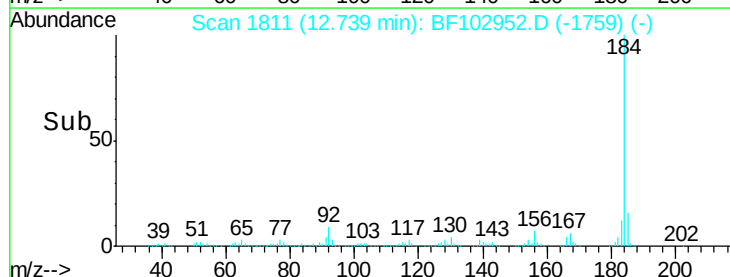
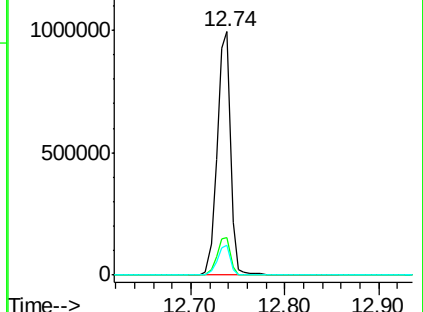
183 12.1 9.3 13.9

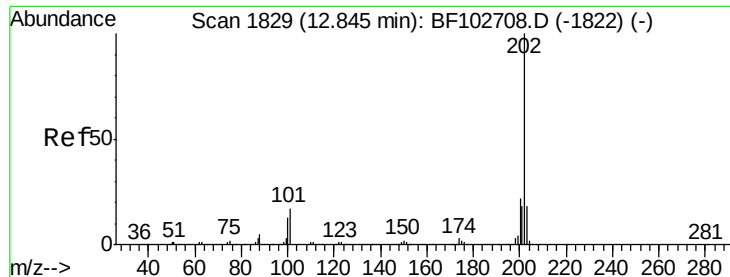


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.68 ng

RT: 12.84 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

Instrument :

BNA_F

ClientSampleId :

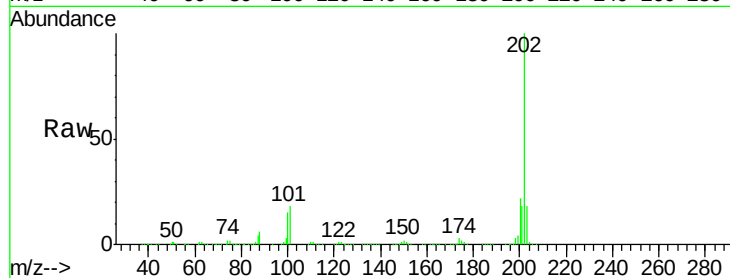
Tot Ion:202 Resp: 1470225

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

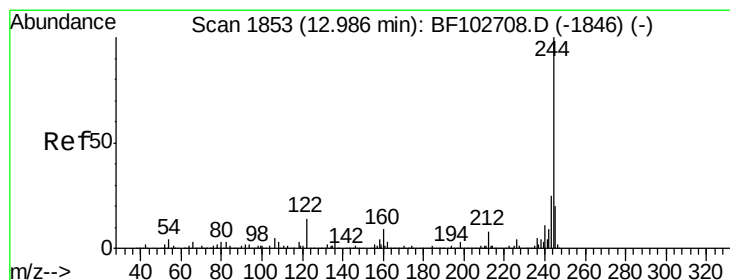
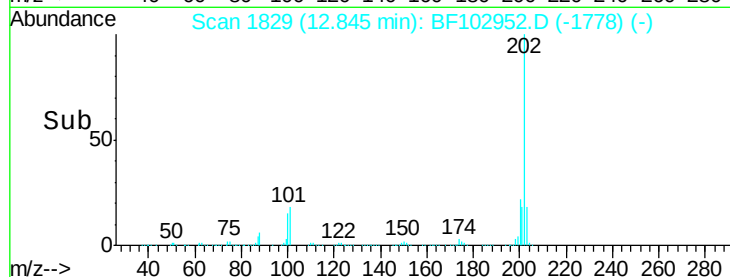
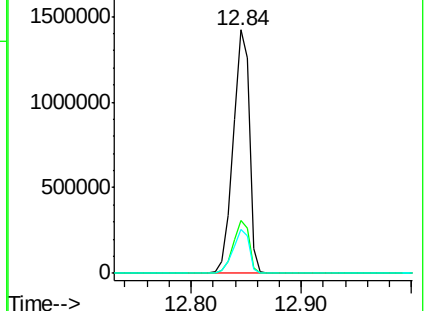
203 17.8 14.3 21.5



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: 71.84 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

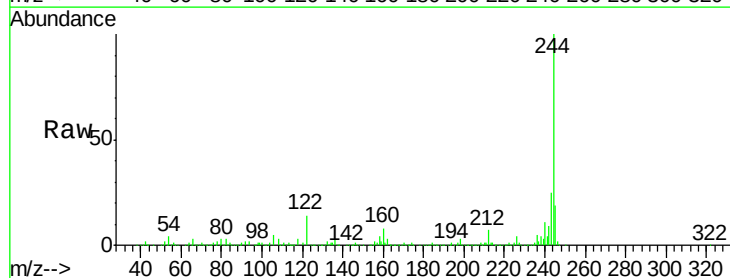
Tgt Ion:244 Resp: 1509551

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

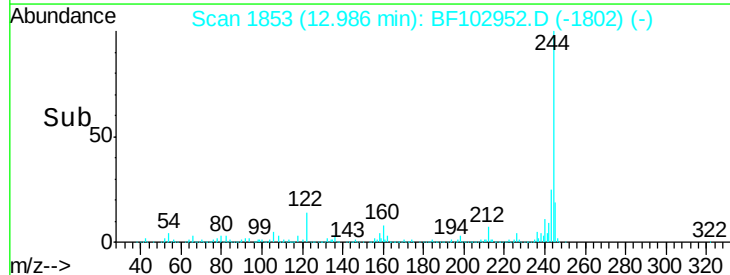
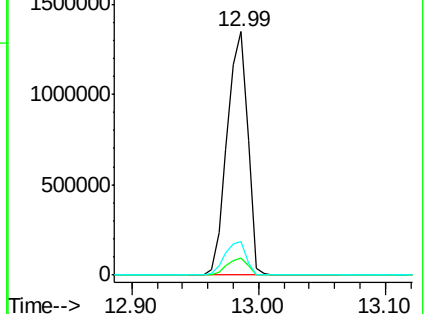
122 13.6 11.0 16.4

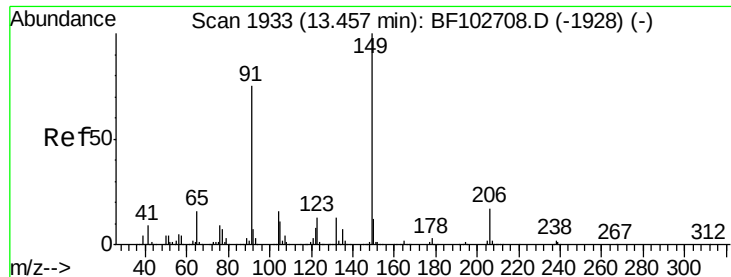


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

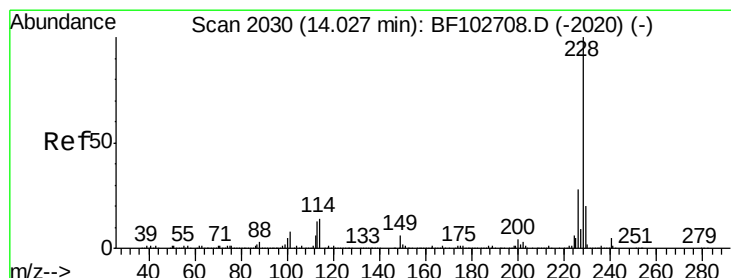
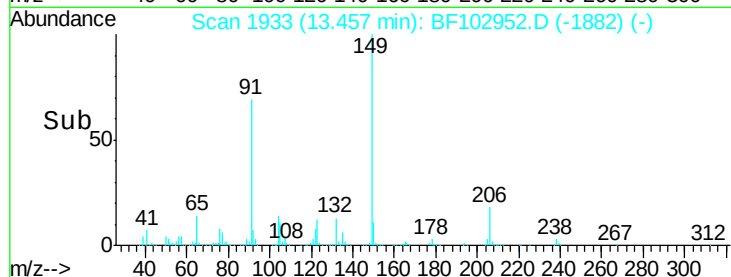
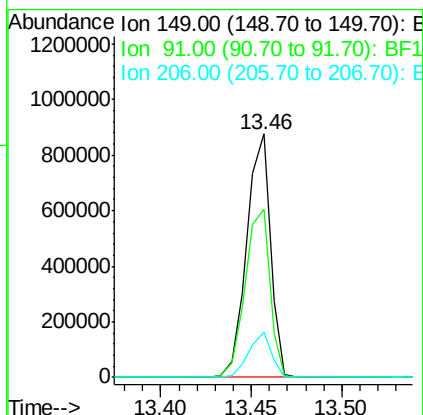
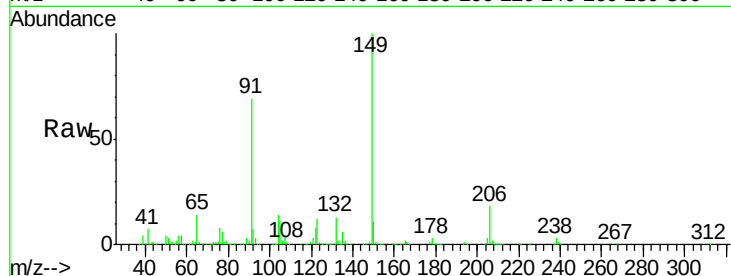




#79
Butylbenzylphthalate
Concen: 42.88 ng
RT: 13.46 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

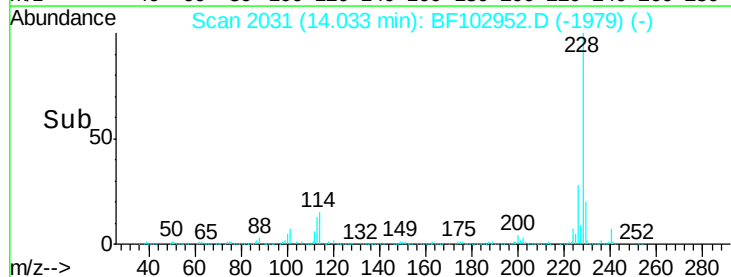
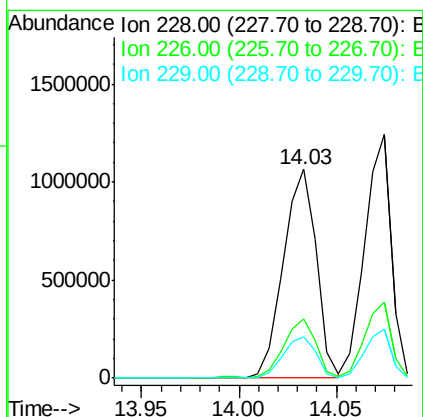
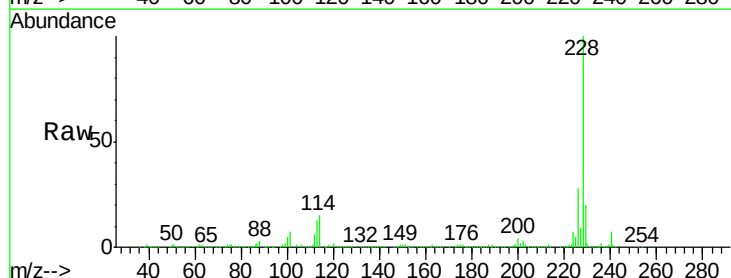
Instrument :
BNA_F
ClientSampled :

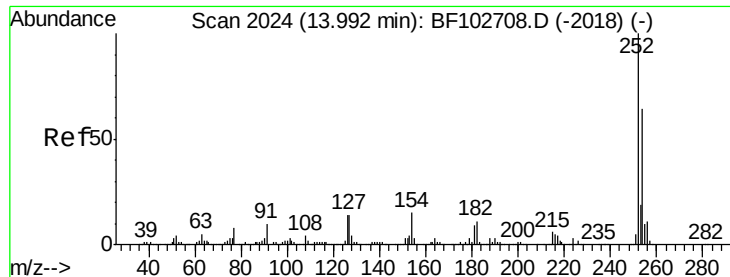
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.0	56.8	85.2
206	18.4	14.1	21.1



#80
Benzo(a)anthracene
Concen: 39.60 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	19.9	15.8	23.6

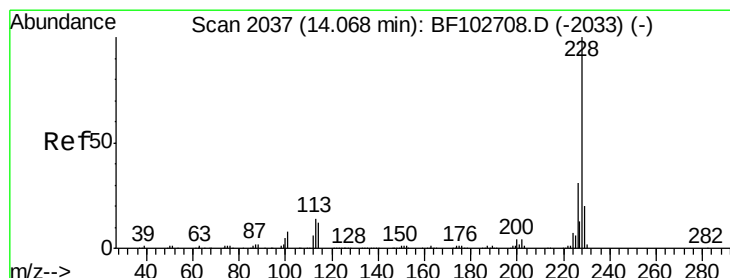
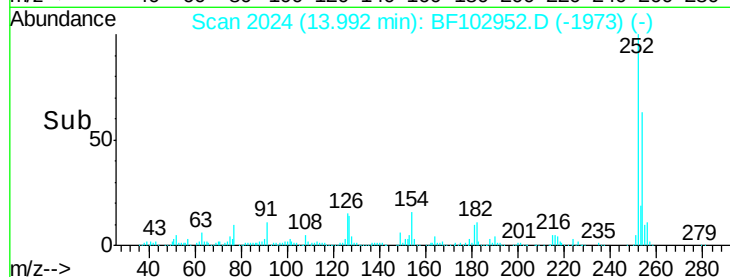
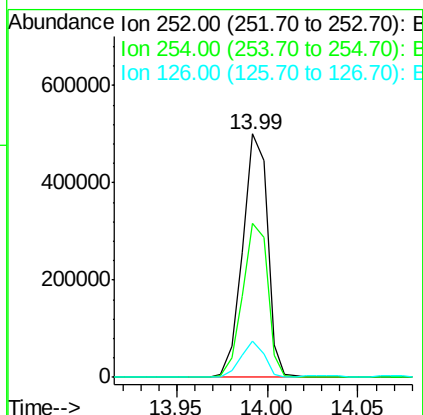
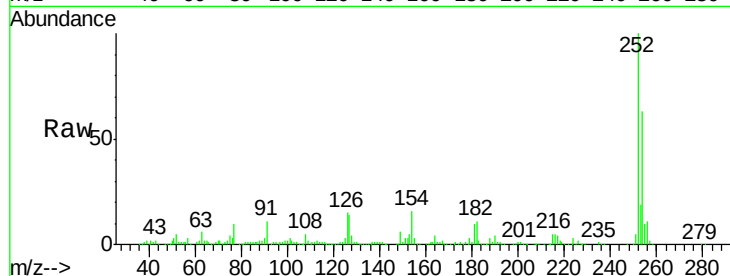




#81
 3,3'-Dichlorobenzidine
 Concen: 41.22 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BF102952.D
 Acq: 13 Feb 2018 10:46

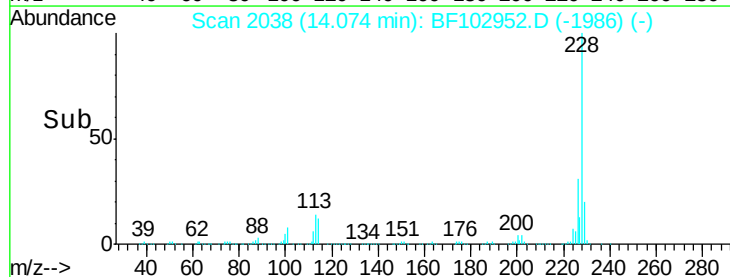
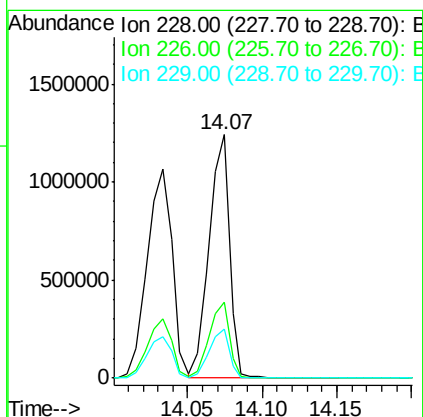
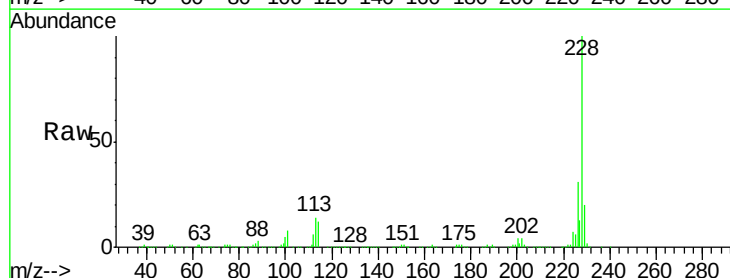
Instrument :
 BNA_F
 ClientSampleId :

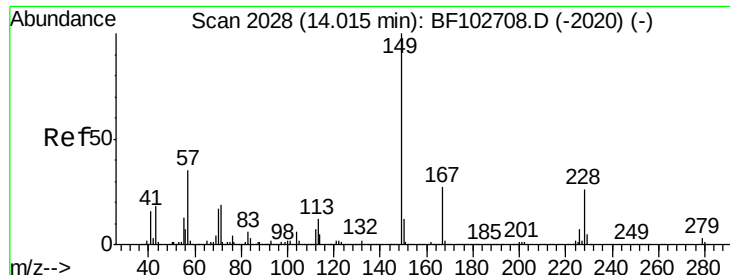
Tot Ion:252 Resp: 478212
 Ion Ratio Lower Upper
 252 100
 254 63.3 50.4 75.6
 126 14.8 11.3 16.9



#82
 Chrysene
 Concen: 37.19 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. 0.01 min
 Lab File: BF102952.D
 Acq: 13 Feb 2018 10:46

Tgt Ion:228 Resp: 1172886
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.0 37.6
 229 19.9 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.57 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

Instrument :

BNA_F

ClientSampleId :

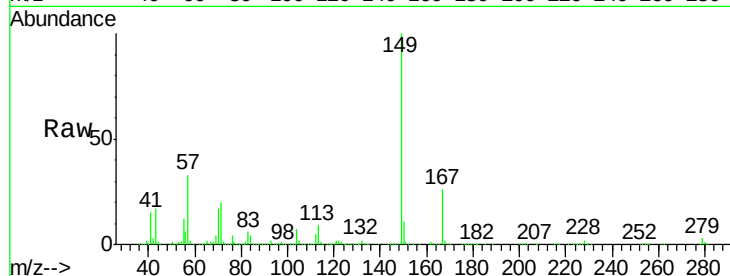
Tot Ion:149 Resp: 1089149

Ion Ratio Lower Upper

149 100

167 26.4 21.3 31.9

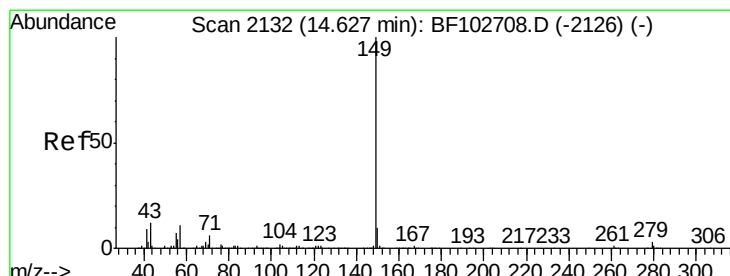
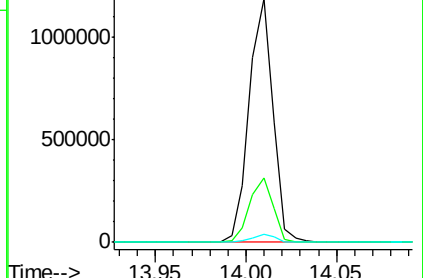
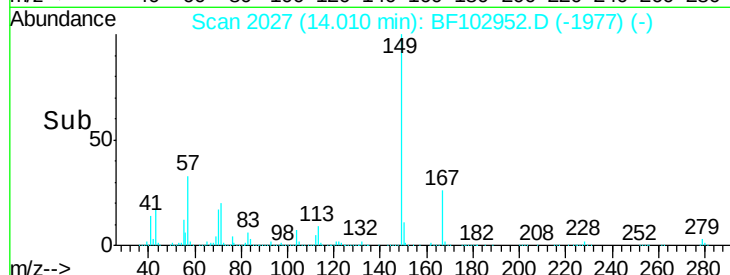
279 3.2 3.0 4.4



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: 48.37 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

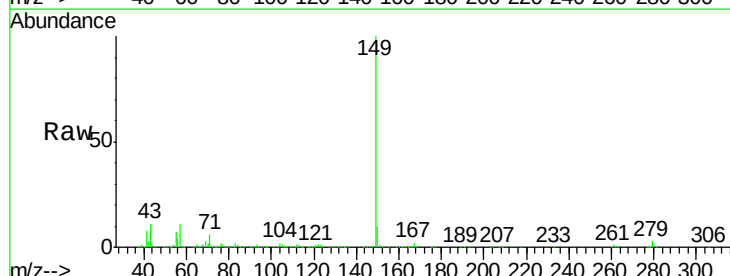
Tgt Ion:149 Resp: 1735959

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

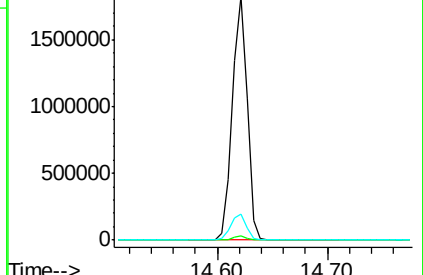
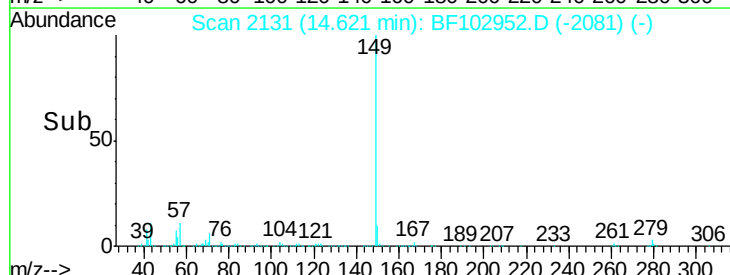
43 11.1 8.4 12.6

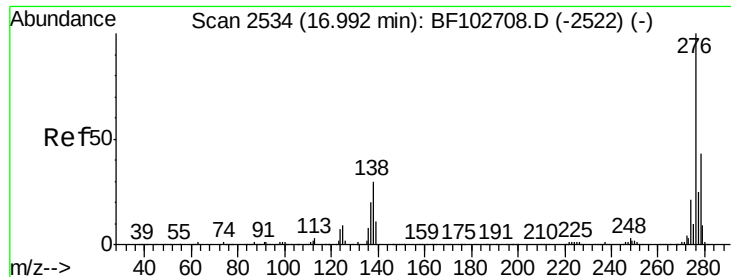


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

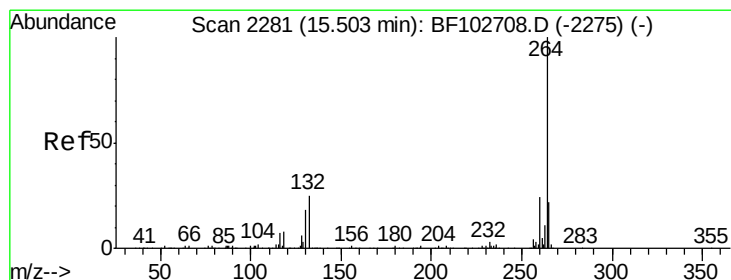
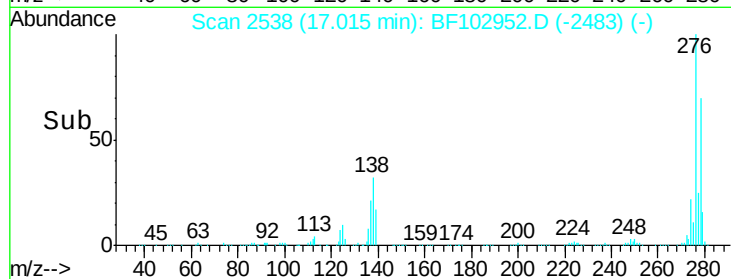
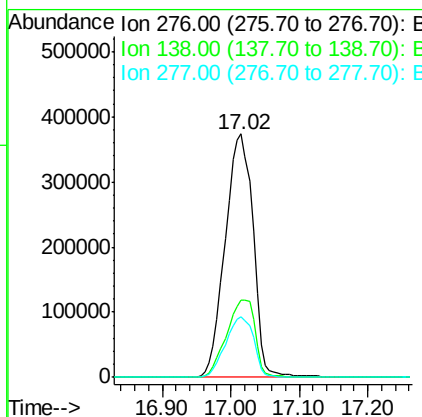
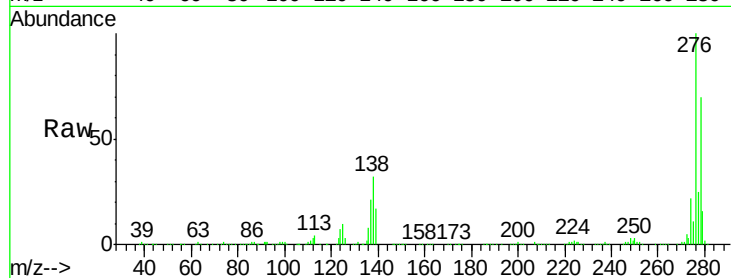




#85
Indeno(1,2,3-cd)pyrene
Concen: 40.40 ng
RT: 17.02 min Scan# 2538
Delta R.T. 0.02 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

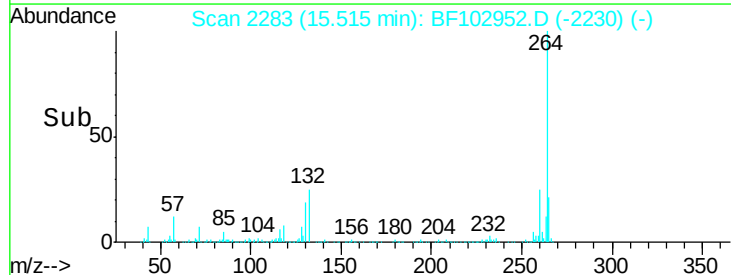
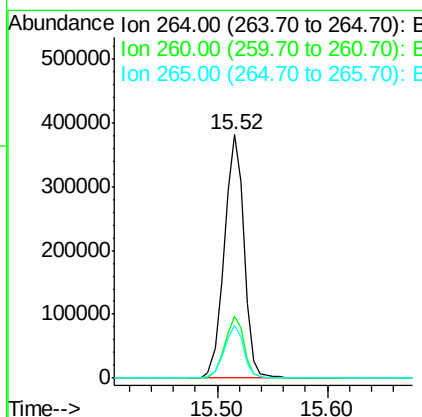
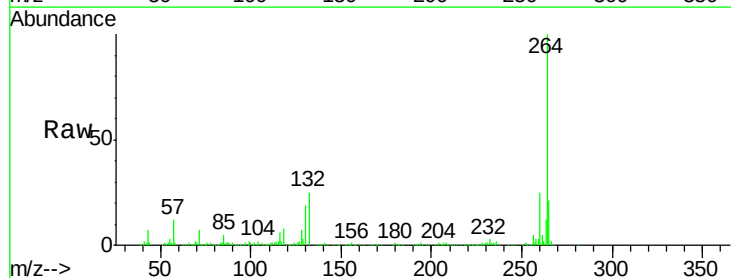
Instrument :
BNA_F
ClientSampleId :

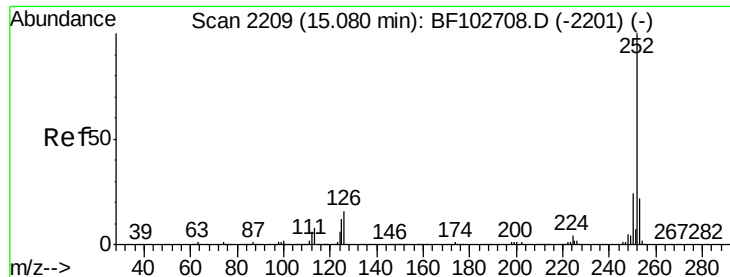
Tot Ion:276 Resp: 1056893
Ion Ratio Lower Upper
276 100
138 32.8 25.0 37.6
277 25.0 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.01 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

Tgt Ion:264 Resp: 477453
Ion Ratio Lower Upper
264 100
260 25.2 19.2 28.8
265 21.5 17.5 26.3

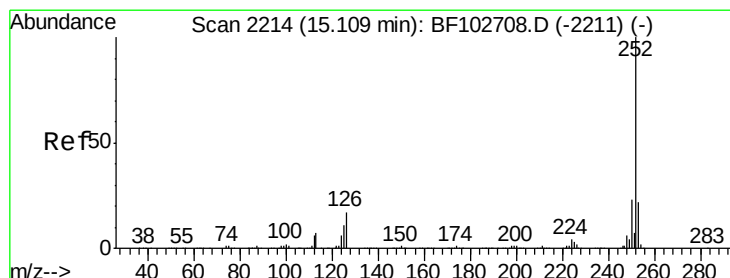
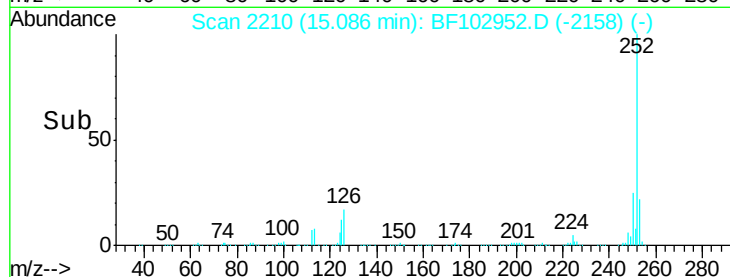
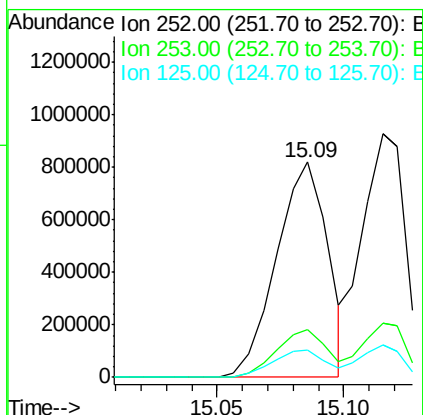
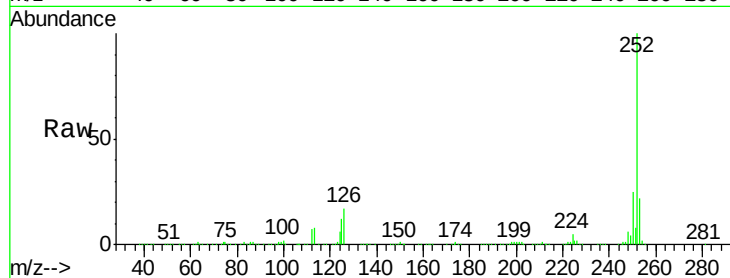




#87
Benzo(b)fluoranthene
Concen: 37.27 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.01 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

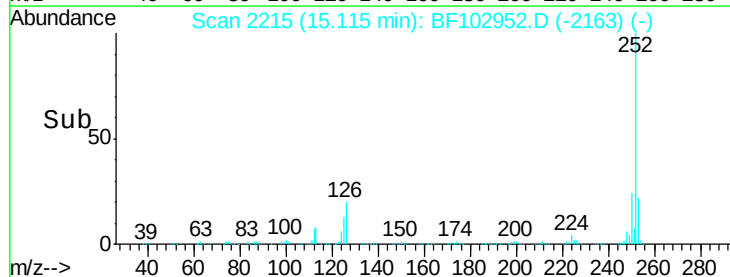
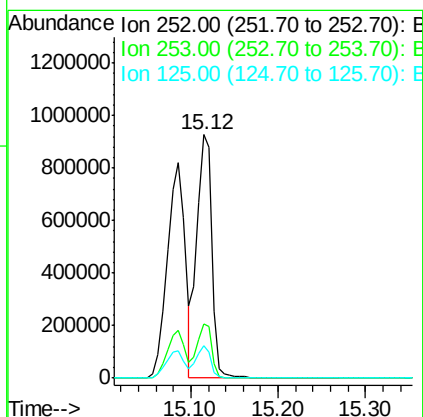
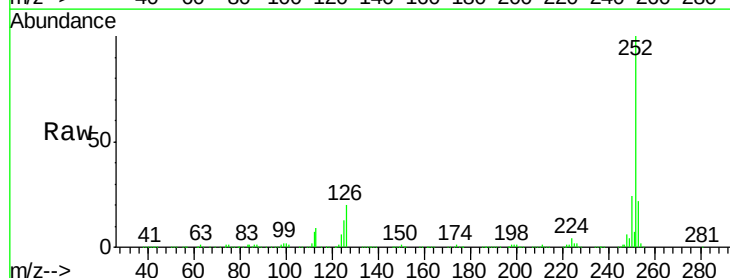
Instrument :
BNA_F
ClientSampleId :

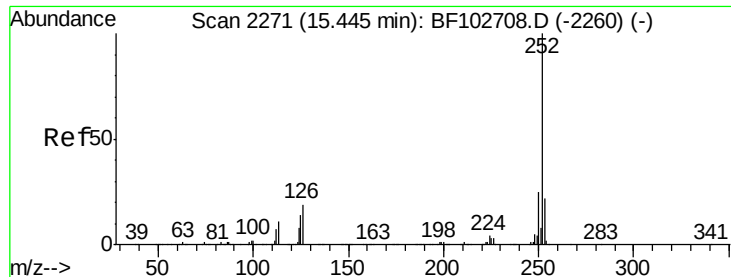
Tot Ion:252 Resp: 1153821
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 12.4 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 37.84 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.01 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

Tgt Ion:252 Resp: 1119324
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 13.4 10.2 15.2





#89

Benzo(a)pyrene

Concen: 37.71 ng

RT: 15.46 min Scan# 2273

Delta R.T. 0.01 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

Instrument :

BNA_F

ClientSampled :

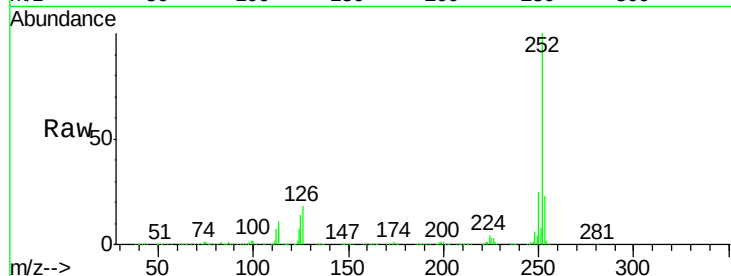
Tot Ion:252 Resp: 1050675

Ion Ratio Lower Upper

252 100

253 22.9 17.1 25.7

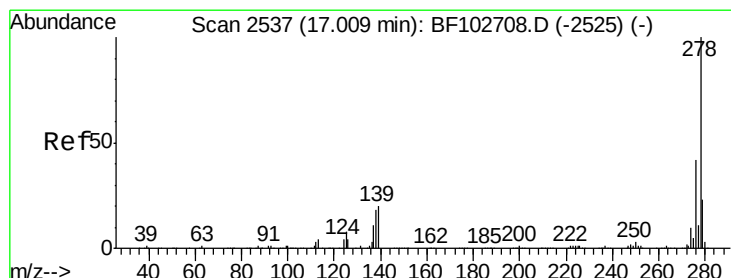
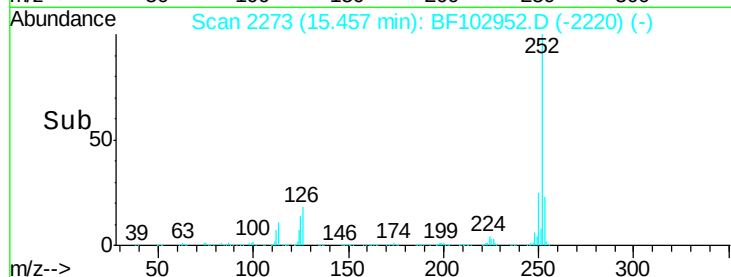
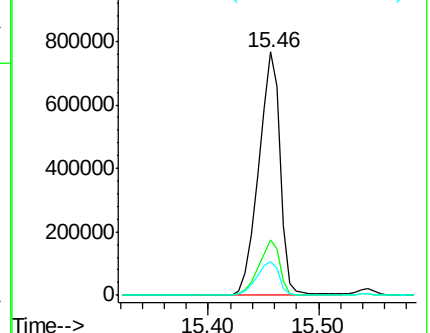
125 13.9 9.8 14.6



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: 39.03 ng

RT: 17.03 min Scan# 2541

Delta R.T. 0.02 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

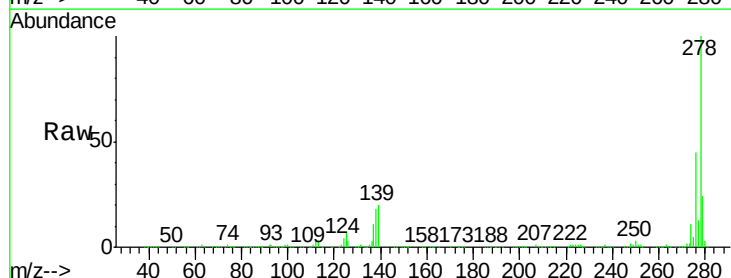
Tgt Ion:278 Resp: 882793

Ion Ratio Lower Upper

278 100

139 19.7 15.9 23.9

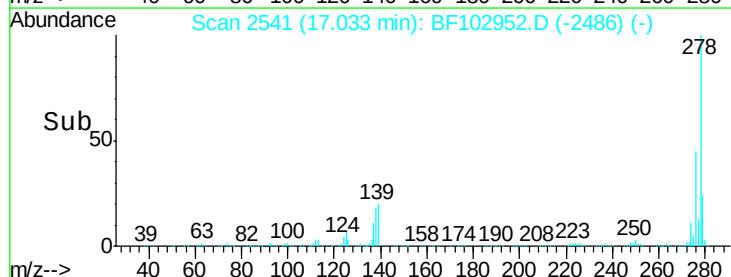
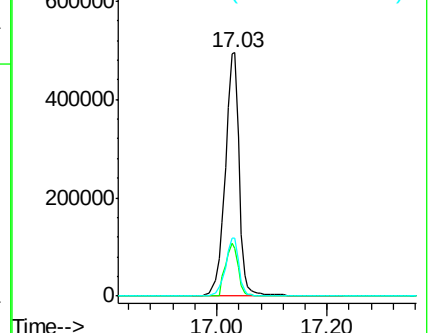
279 23.6 19.0 28.4

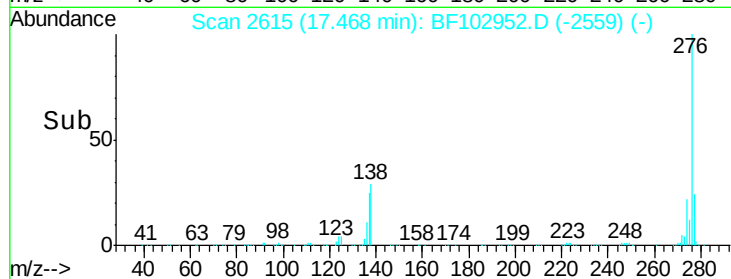
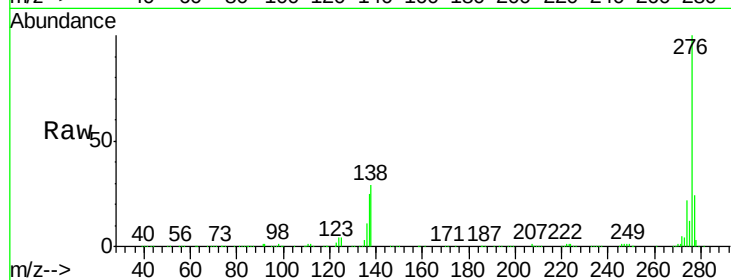
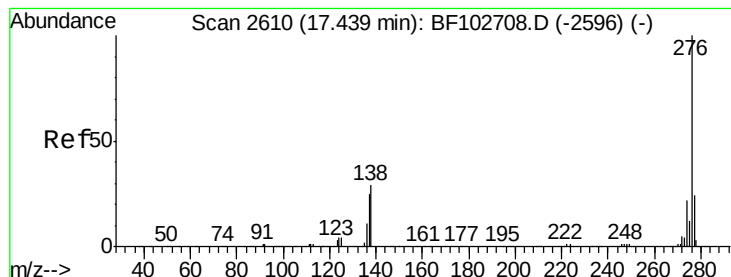


Abundance Ion 278.00 (277.70 to 278.70): E

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: 39.07 ng

RT: 17.47 min Scan# 2615

Delta R.T. 0.03 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 276 Resp: 864965

Ion Ratio Lower Upper

276 100

277 24.2 17.9 26.9

138 28.7 21.8 32.8

