

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
 Data File : BF103140.D
 Acq On : 21 Feb 2018 16:59
 Operator : SJ/JU
 Sample : J1391-03MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 21 18:19:16 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	179667	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	736934	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	308486	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	435603	20.00	ng	0.00
75) Chrysene-d12	14.06	240	295584	20.00	ng	0.00
86) Perylene-d12	15.55	264	238768	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1312497	110.94	ng	0.02
7) Phenol-d6	6.52	99	1607879	112.87	ng	0.01
23) Nitrobenzene-d5	7.45	82	1004313	94.54	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	244126	98.32	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1341829	72.18	ng	0.00
78) Terphenyl-d14	12.99	244	947669	75.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	187868	32.150	ng	88
3) Pyridine	3.48	79	538175	33.335	ng	96
4) n-Nitrosodimethylamine	3.42	42	273640	39.615	ng	99
6) Aniline	6.55	93	564364	26.828	ng	96
8) 2-Chlorophenol	6.67	128	465421	38.213	ng	95
9) Benzaldehyde	6.43	77	308814	29.192	ng	98
10) Phenol	6.53	94	576586	37.769	ng	86
11) bis(2-Chloroethyl)ether	6.62	93	469899	36.991	ng	91
12) 1,3-Dichlorobenzene	6.82	146	486140	34.468	ng	100
13) 1,4-Dichlorobenzene	6.90	146	489704	34.855	ng	98
14) 1,2-Dichlorobenzene	7.05	146	445888	34.073	ng	99
15) Benzyl Alcohol	7.02	79	401081	36.622	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	792482	32.841	ng	97
17) 2-Methylphenol	7.13	107	409185	36.422	ng	98
18) Hexachloroethane	7.39	117	158628	32.925	ng	92
19) n-Nitroso-di-n-propylamine	7.29	70	311046	33.118	ng	98
20) 3+4-Methylphenols	7.29	107	457903	33.051	ng	# 73
22) Acetophenone	7.29	105	604591	33.526	ng	# 90
24) Nitrobenzene	7.47	77	508032	40.649	ng	96
25) Isophorone	7.70	82	935619	38.249	ng	98
26) 2-Nitrophenol	7.78	139	244675	47.722	ng	98
27) 2,4-Dimethylphenol	7.82	122	419392	40.582	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	572485	39.507	ng	99
29) 2,4-Dichlorophenol	8.02	162	387447	41.241	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	362917	34.147	ng	98
31) Naphthalene	8.19	128	1267301	35.198	ng	100
32) Benzoic acid	7.92	122	106970	21.934	ng	98
33) 4-Chloroaniline	8.23	127	279279	18.006	ng	99
34) Hexachlorobutadiene	8.29	225	182770	33.560	ng	98
35) Caprolactam	8.61	113	139180	42.659	ng	# 74
36) 4-Chloro-3-methylphenol	8.72	107	409264	38.772	ng	99
37) 2-Methylnaphthalene	8.87	142	830668	35.238	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	306144	36.448	ng	100
40) Hexachlorocyclopentadiene	9.02	237	34282	8.586	ng	93

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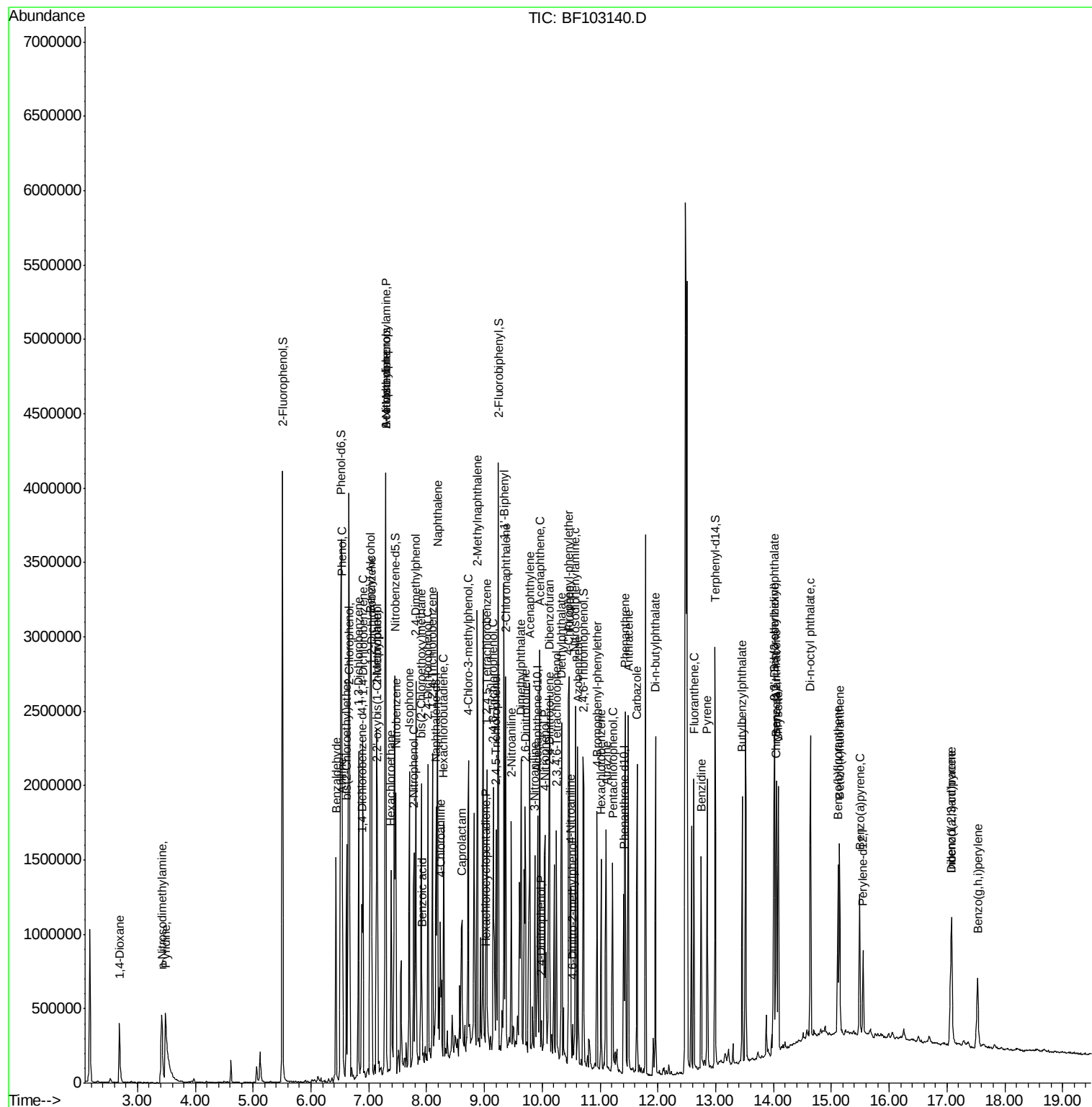
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	228015	41.329	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	236601	38.050	ng	97
45) 1,1'-Biphenyl	9.34	154	895381	34.460	ng	100
46) 2-Chloronaphthalene	9.37	162	720370	35.216	ng	98
47) 2-Nitroaniline	9.46	65	286251	45.541	ng	88
48) Acenaphthylene	9.78	152	1068584	33.634	ng	100
49) Dimethylphthalate	9.64	163	993762	41.315	ng	100
50) 2,6-Dinitrotoluene	9.70	165	190110	41.543	ng	93
51) Acenaphthene	9.96	154	605837	31.886	ng	99
52) 3-Nitroaniline	9.87	138	193875	34.432	ng	99
53) 2,4-Dinitrophenol	9.99	184	28924	33.870	ng	# 21
54) Dibenzofuran	10.13	168	909441	33.965	ng	98
55) 4-Nitrophenol	10.05	139	287125	62.953	ng	95
56) 2,4-Dinitrotoluene	10.11	165	231080	38.314	ng	95
57) Fluorene	10.47	166	672204	34.504	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	159803	37.079	ng	98
59) Diethylphthalate	10.33	149	817644	34.427	ng	99
60) 4-Chlorophenyl-phenylether	10.46	204	311546	36.150	ng	99
61) 4-Nitroaniline	10.49	138	201508	37.597	ng	92
62) Azobenzene	10.62	77	779980	32.873	ng	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	27255	22.120	ng	96
65) n-Nitrosodiphenylamine	10.57	169	630403	41.028	ng	98
66) 4-Bromophenyl-phenylether	10.95	248	180240	39.116	ng	99
67) Hexachlorobenzene	11.02	284	178414	35.098	ng	99
68) Atrazine	11.10	200	184484	40.699	ng	97
69) Pentachlorophenol	11.22	266	167107	56.001	ng	98
70) Phenanthrene	11.43	178	840588	34.649	ng	99
71) Anthracene	11.49	178	879012	35.624	ng	99
72) Carbazole	11.64	167	842576	34.855	ng	100
73) Di-n-butylphthalate	11.96	149	1115443	37.986	ng	99
74) Fluoranthene	12.62	202	782950	32.077	ng	98
76) Benzidine	12.75	184	545223	40.134	ng	97
77) Pyrene	12.86	202	787679	33.983	ng	99
79) Butylbenzylphthalate	13.46	149	424057	38.456	ng	96
80) Benzo(a)anthracene	14.04	228	686326	36.920	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	263213	38.188	ng	99
82) Chrysene	14.08	228	655155	34.962	ng	98
83) Bis(2-ethylhexyl)phthalate	14.02	149	577083	40.643	ng	99
84) Di-n-octyl phthalate	14.64	149	988786	46.379	ng	100
85) Indeno(1,2,3-cd)pyrene	17.07	276	478446	30.784	ng	98
87) Benzo(b)fluoranthene	15.12	252	569997	36.821	ng	98
88) Benzo(k)fluoranthene	15.14	252	564061	38.135	ng	98
89) Benzo(a)pyrene	15.49	252	516439	37.063	ng	97
90) Dibenzo(a,h)anthracene	17.09	278	405382	35.843	ng	100
91) Benzo(g,h,i)perylene	17.53	276	390557	35.281	ng	98

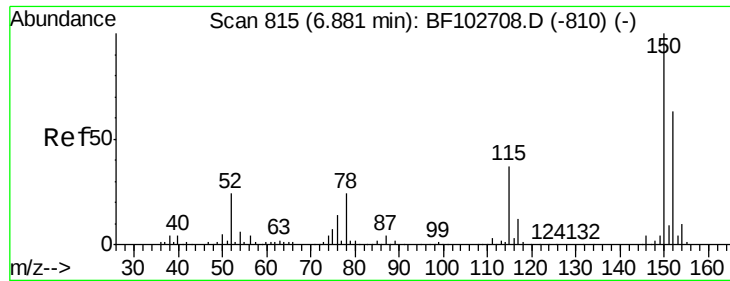
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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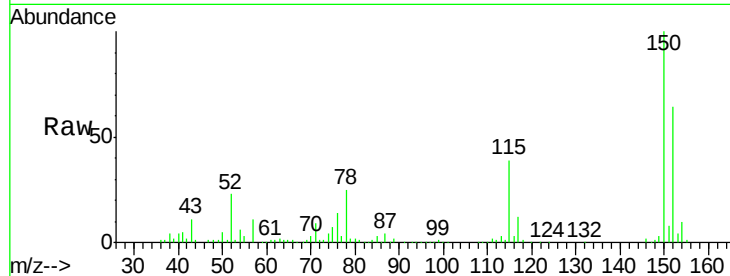


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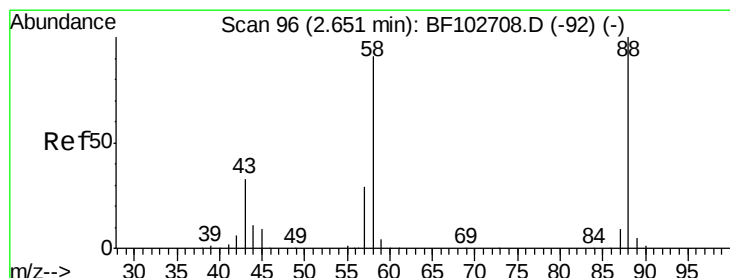
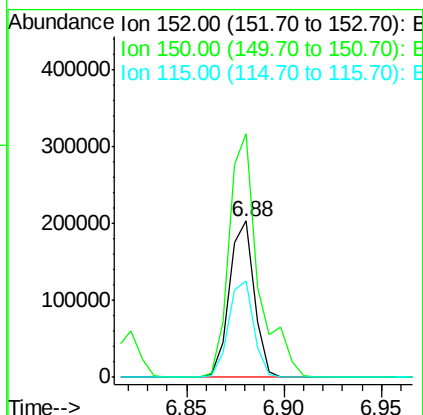
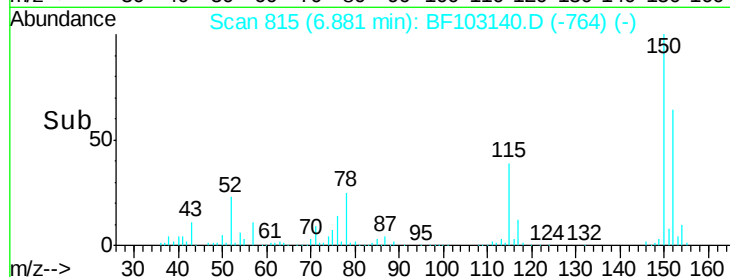
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF103140.D
Acq: 21 Feb 2018 16:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 179667
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 61.2 50.1 75.1



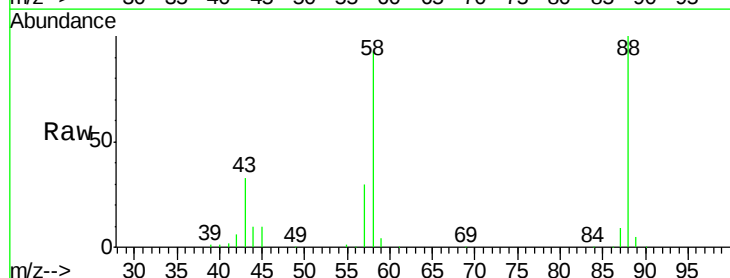
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



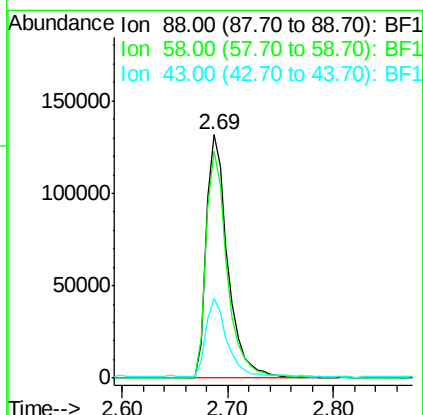
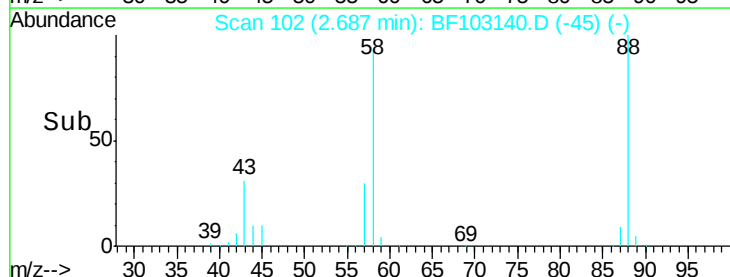
#2

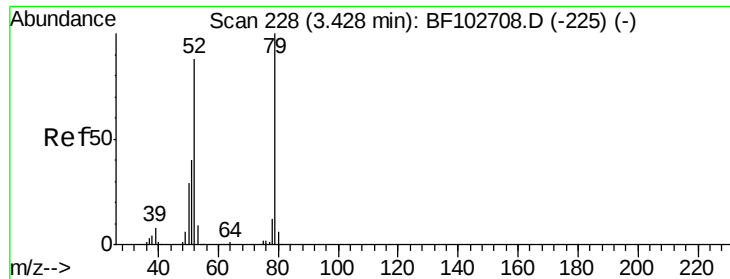
1,4-Dioxane
Concen: 32.150 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.04 min
Lab File: BF103140.D
Acq: 21 Feb 2018 16:59

Tgt Ion: 88 Resp: 187868
Ion Ratio Lower Upper
88 100
58 92.2 62.6 93.8
43 31.1 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1



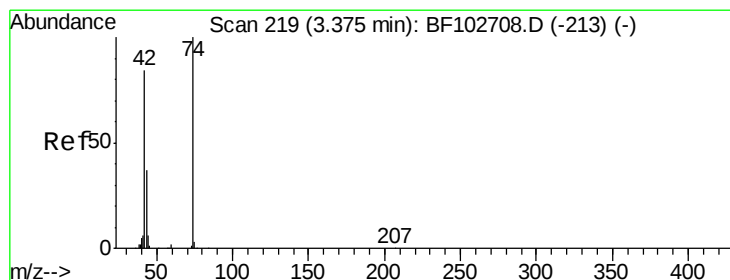
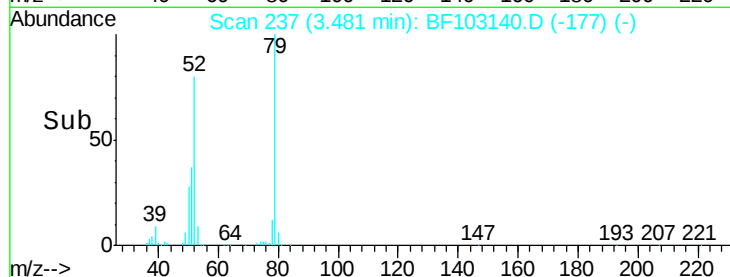
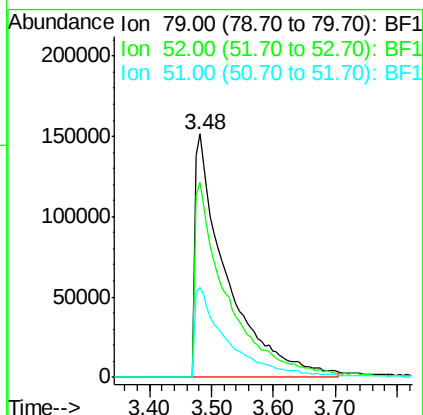
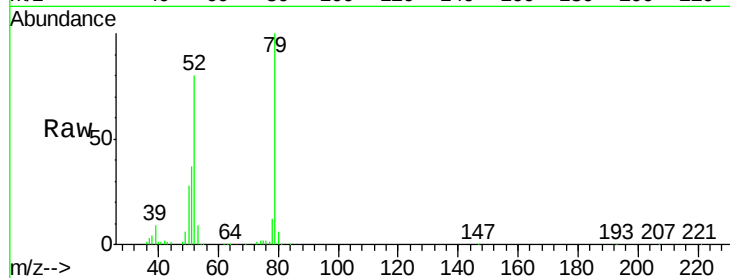


#3
Pvridine
Concen: 33.335 ng
RT: 3.48 min Scan# 237
Delta R.T. 0.05 min
Lab File: BF103140.D
Acq: 21 Feb 2018 16:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 538175

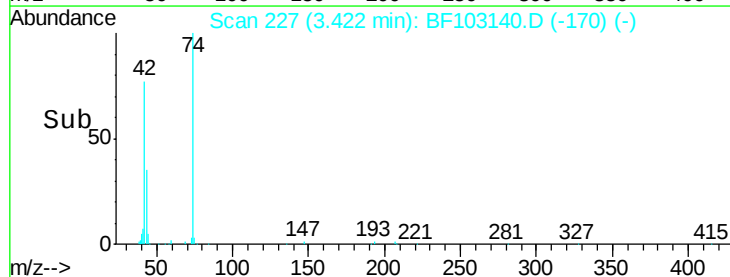
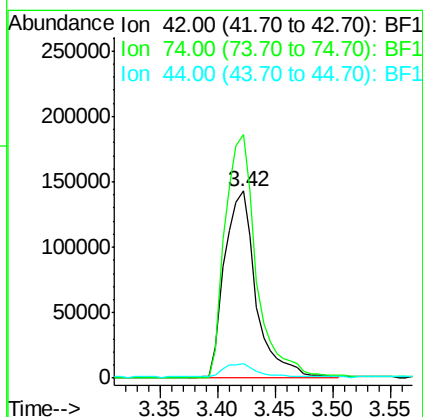
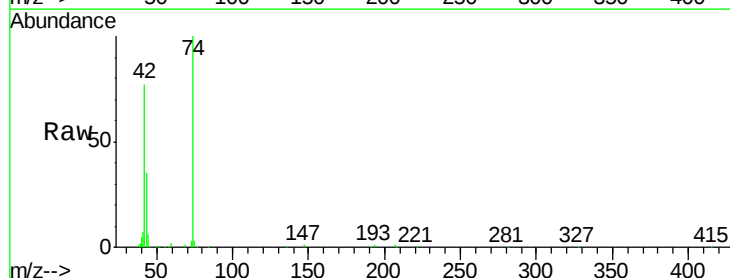
Ion	Ratio	Lower	Upper
79	100		
52	80.0	59.8	89.6
51	37.1	29.8	44.8

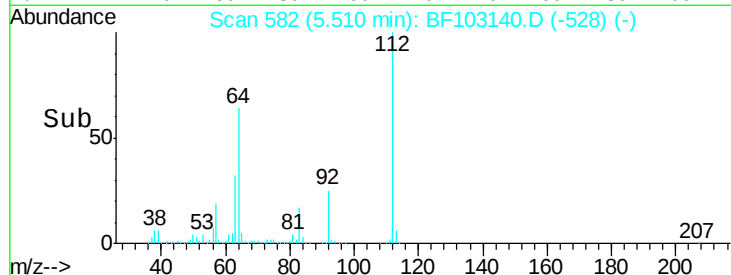
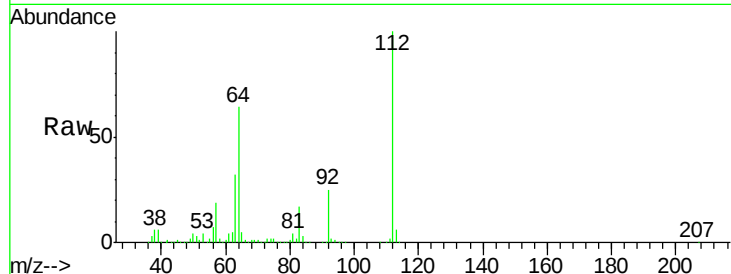
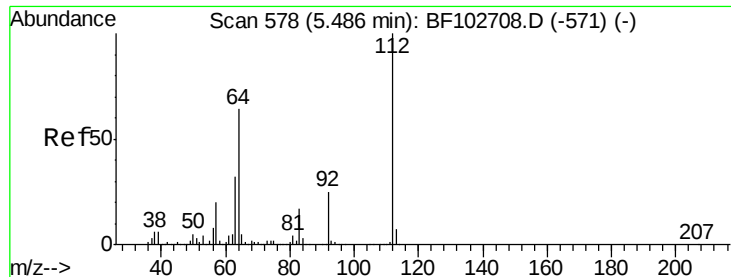


#4
n-Nitrosodimethylamine
Concen: 39.615 ng
RT: 3.42 min Scan# 227
Delta R.T. 0.04 min
Lab File: BF103140.D
Acq: 21 Feb 2018 16:59

Tgt Ion: 42 Resp: 273640

Ion	Ratio	Lower	Upper
42	100		
74	130.1	104.9	157.3
44	7.5	6.9	10.3





#5

2-Fluorophenol

Concen: 110.941 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF103140.D

Acq: 21 Feb 2018 16:59

Instrument :

BNA_F

ClientSampleId :

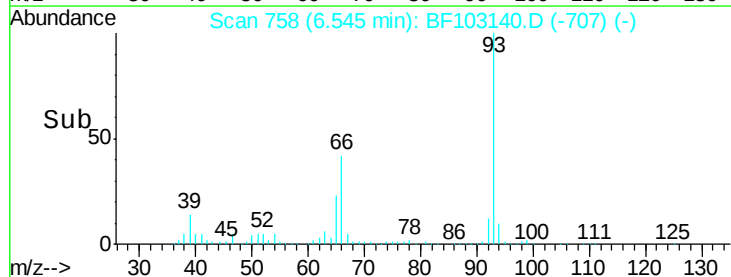
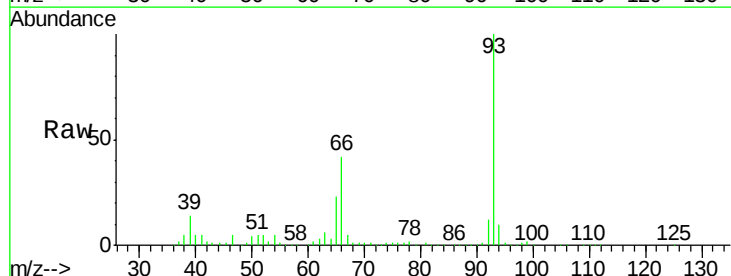
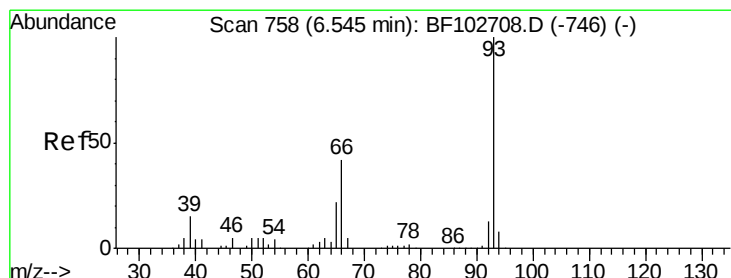
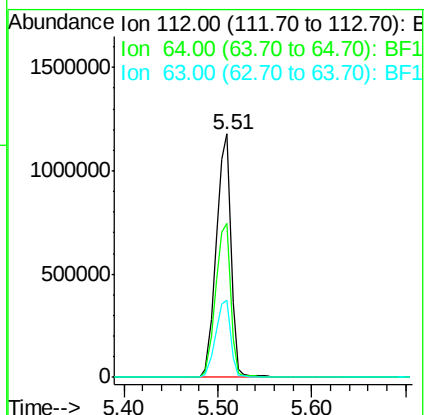
Tot Ion:112 Resp: 1312497

Ion Ratio Lower Upper

112 100

64 63.5 47.9 71.9

63 31.9 23.7 35.5



#6

Aniline

Concen: 26.828 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF103140.D

Acq: 21 Feb 2018 16:59

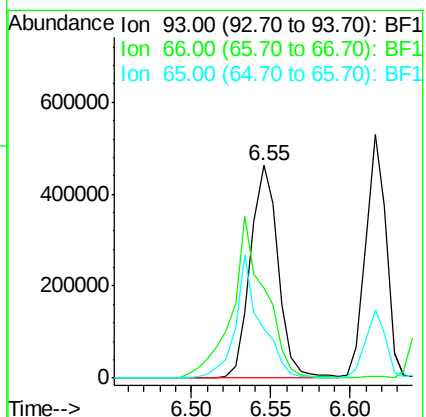
Tgt Ion: 93 Resp: 564364

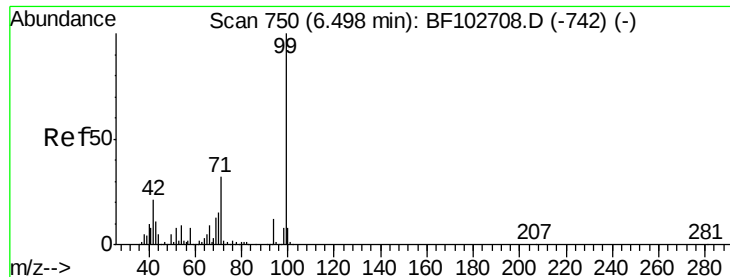
Ion Ratio Lower Upper

93 100

66 42.4 32.2 48.2

65 22.9 16.4 24.6





#7

Phenol-d6

Concen: 112.875 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF103140.D

Acq: 21 Feb 2018 16:59

Instrument :

BNA_F

ClientSampleId :

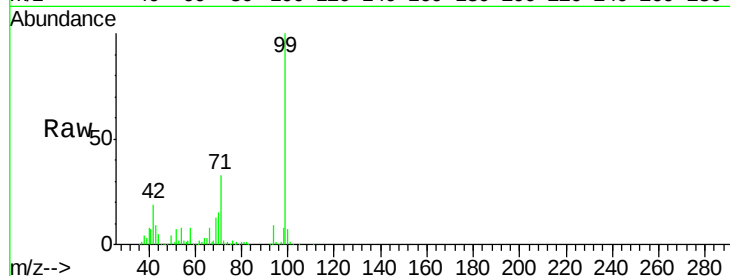
Tot Ion: 99 Resp: 1607879

Ion Ratio Lower Upper

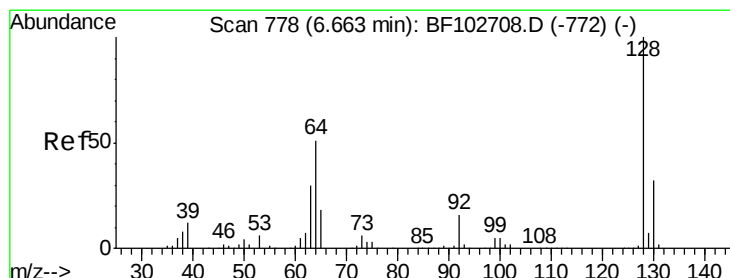
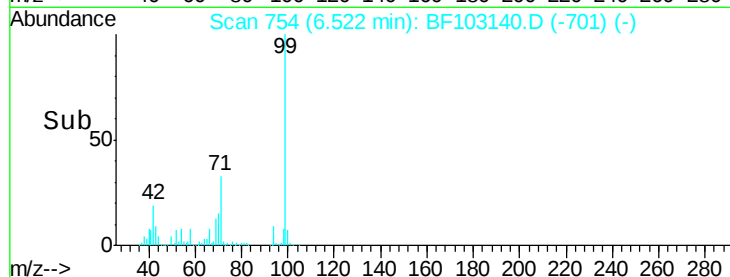
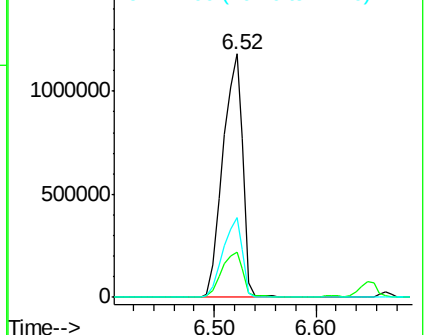
99 100

42 18.8 14.5 21.7

71 32.8 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: 38.213 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF103140.D

Acq: 21 Feb 2018 16:59

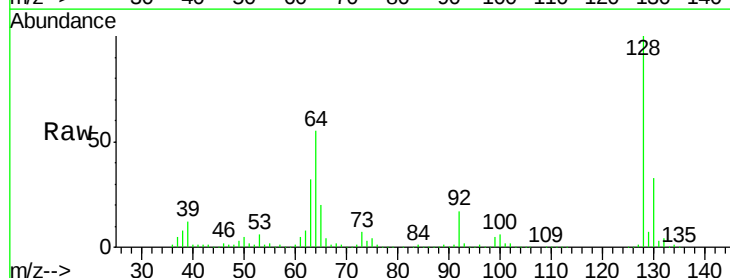
Tgt Ion: 128 Resp: 465421

Ion Ratio Lower Upper

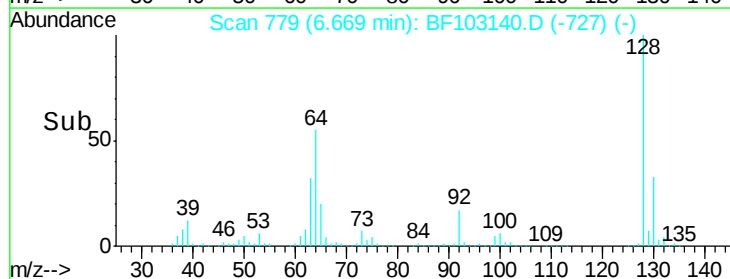
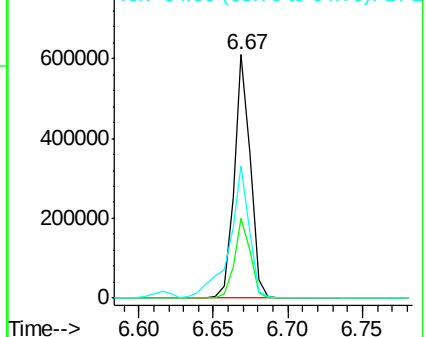
128 100

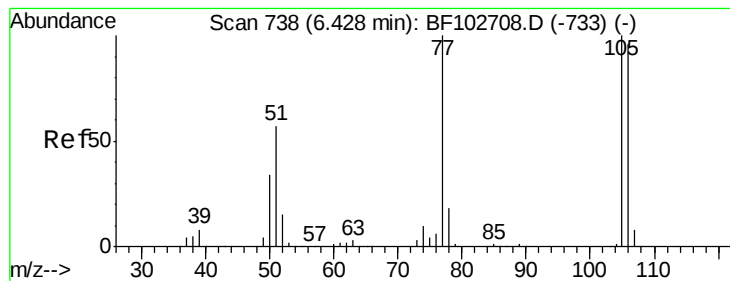
130 32.8 13.0 53.0

64 54.5 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: 29.192 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF103140.D

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BNA_F

ClientSampled :

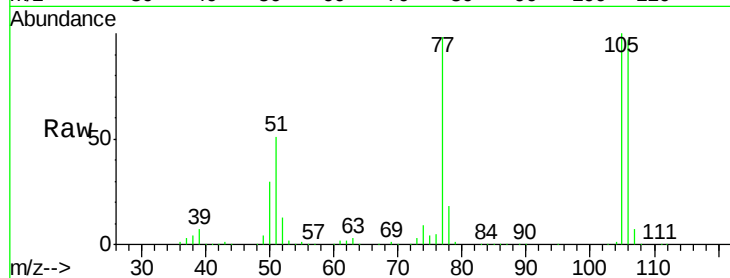
Tot Ion: 77 Resp: 308814

Ion Ratio Lower Upper

77 100

105 101.8 81.1 121.1

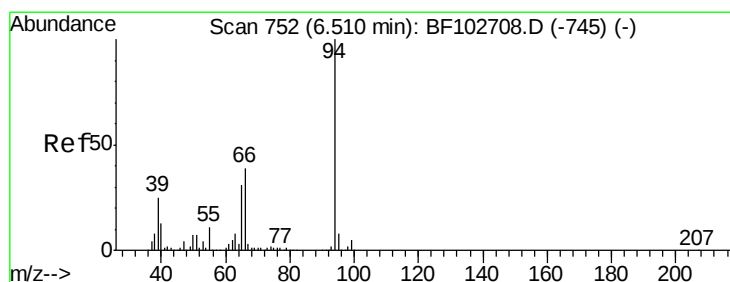
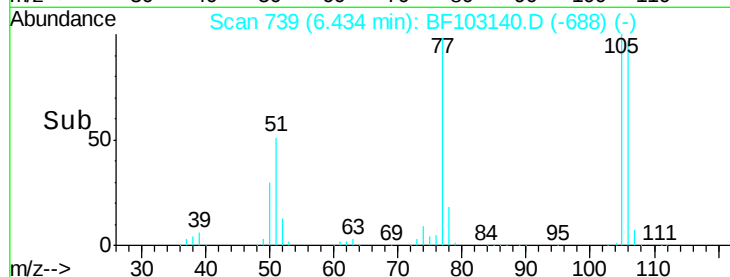
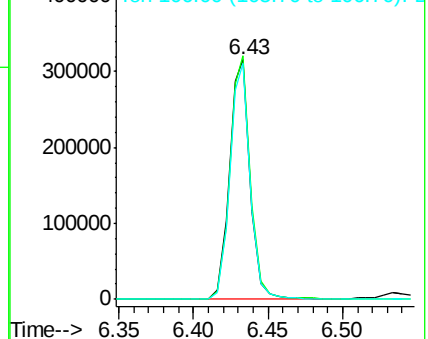
106 98.7 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.769 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF103140.D

Acq: 21 Feb 2018 16:59

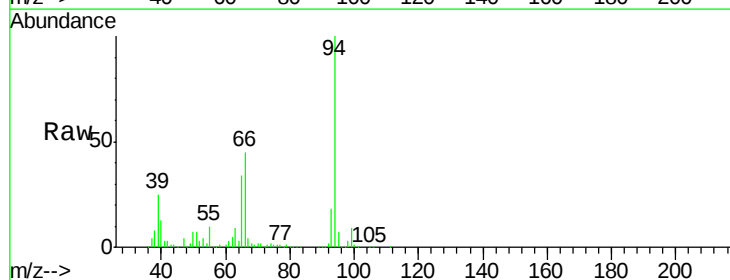
Tgt Ion: 94 Resp: 576586

Ion Ratio Lower Upper

94 100

65 34.3 7.9 47.9

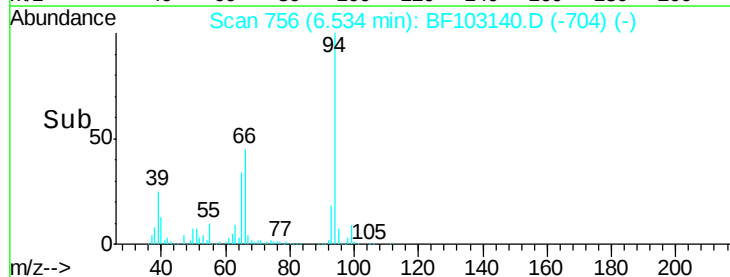
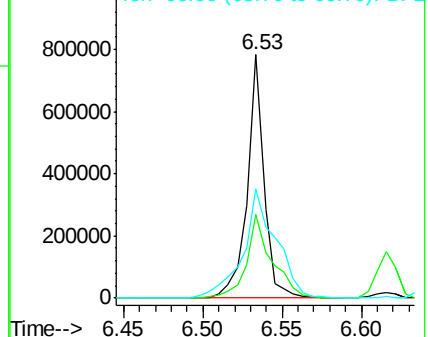
66 44.8 16.2 56.2

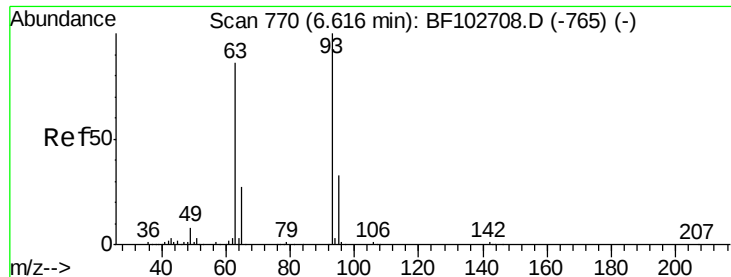


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 36.991 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF103140.D

Acq: 21 Feb 2018 16:59

Instrument :

BNA_F

ClientSampleId :

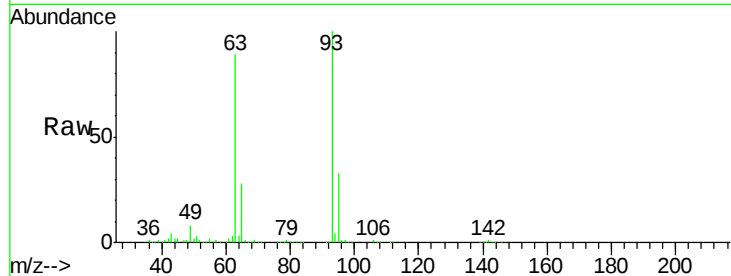
Tot Ion: 93 Resp: 469899

Ion Ratio Lower Upper

93 100

63 88.5 58.6 98.6

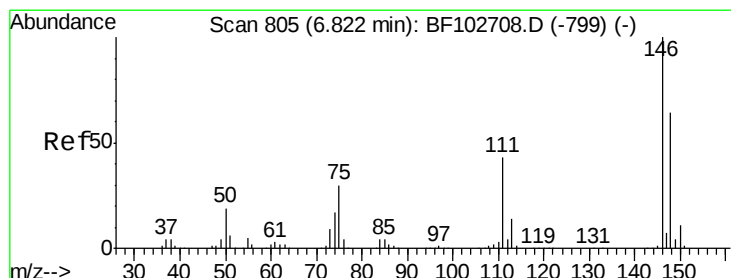
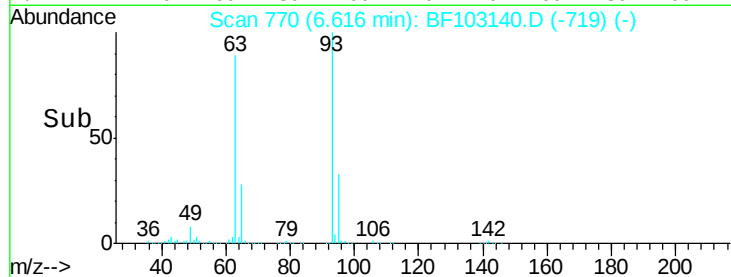
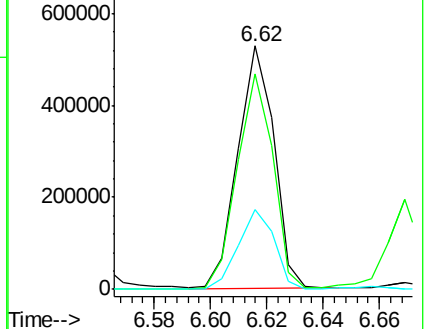
95 32.6 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 34.468 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF103140.D

Acq: 21 Feb 2018 16:59

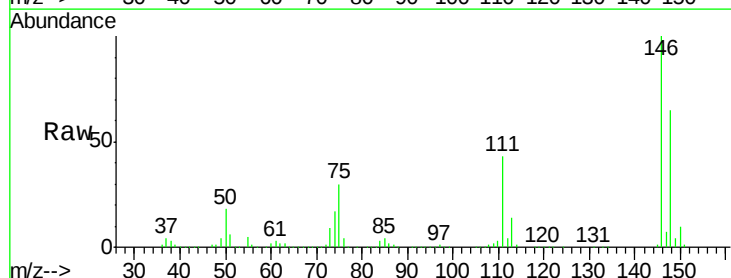
Tgt Ion: 146 Resp: 486140

Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.8

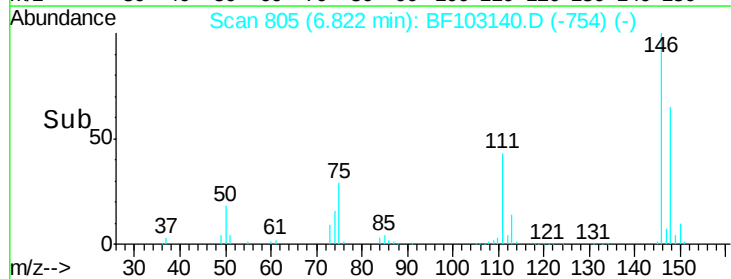
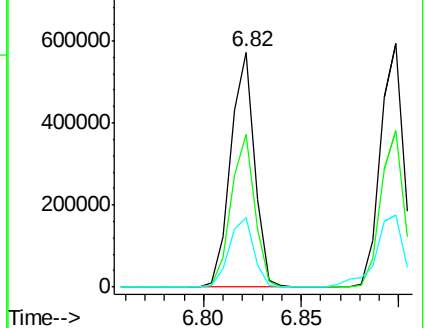
75 29.6 24.2 36.4

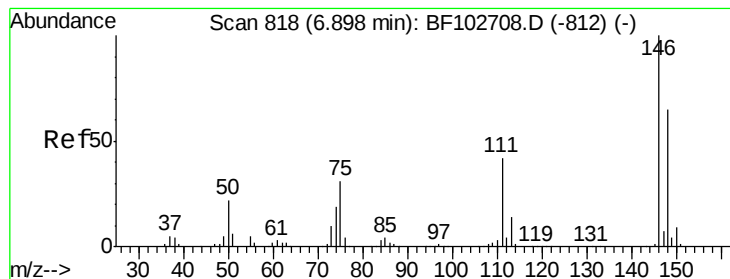


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 34.855 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF103140.D

Acq: 21 Feb 2018 16:59

Instrument :

BNA_F

ClientSampleId :

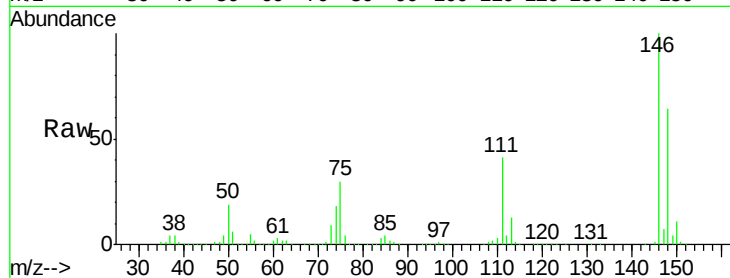
Tot Ion:146 Resp: 489704

Ion Ratio Lower Upper

146 100

148 64.4 50.8 76.2

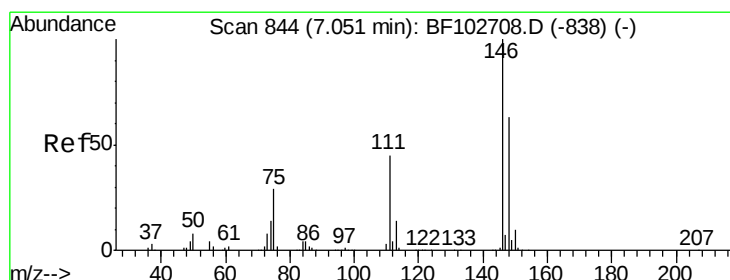
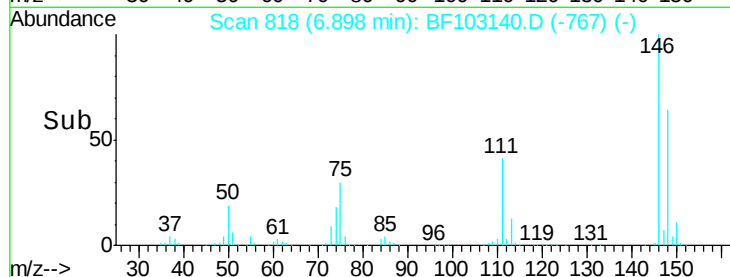
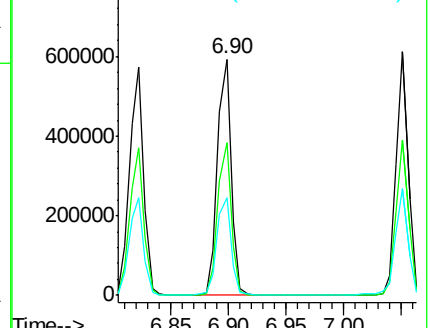
111 41.2 34.2 51.2



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: 34.073 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF103140.D

Acq: 21 Feb 2018 16:59

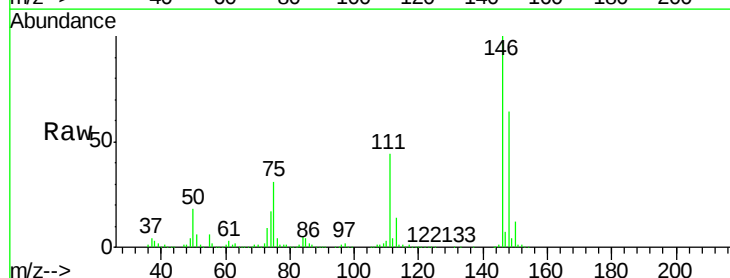
Tgt Ion:146 Resp: 445888

Ion Ratio Lower Upper

146 100

148 63.7 50.6 75.8

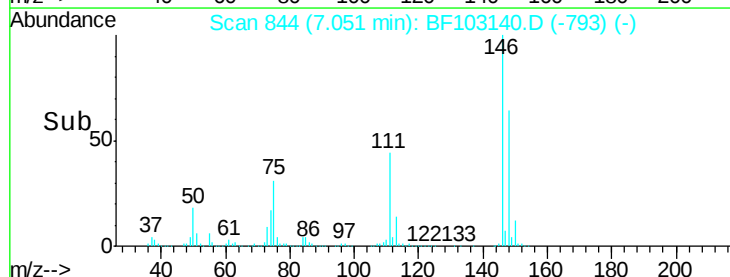
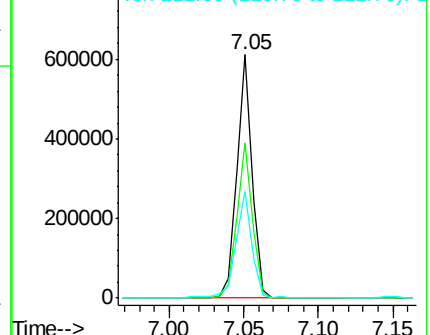
111 43.8 36.0 54.0

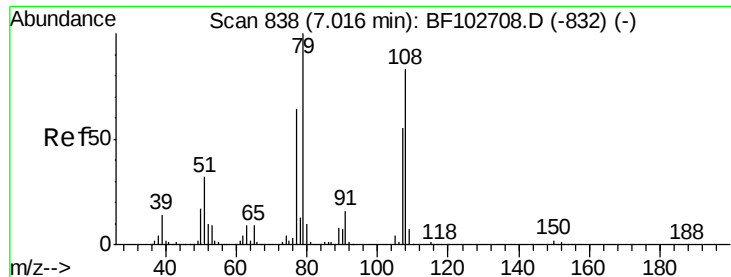


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.622 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF103140.D

Acq: 21 Feb 2018 16:59

Instrument :

BNA_F

ClientSampleId :

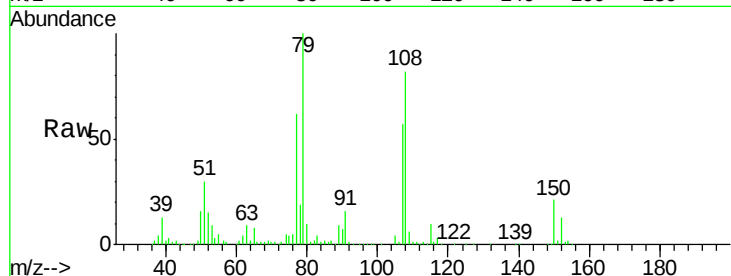
Tot Ion: 79 Resp: 401081

Ion Ratio Lower Upper

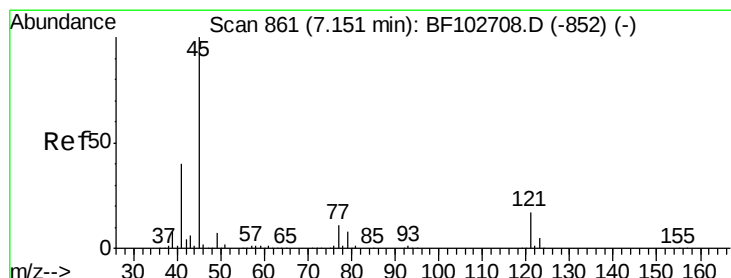
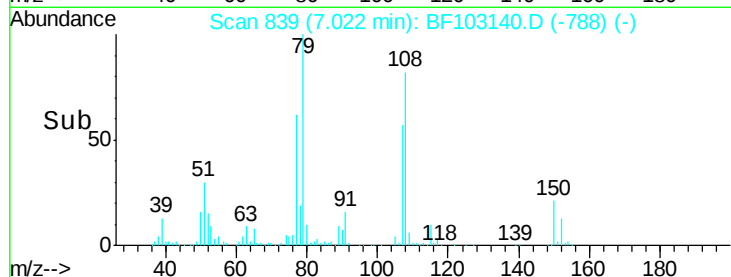
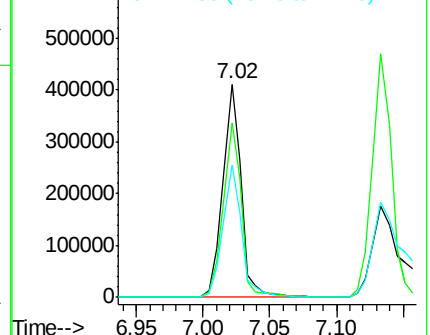
79 100

108 81.9 65.1 97.7

77 62.0 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.841 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF103140.D

Acq: 21 Feb 2018 16:59

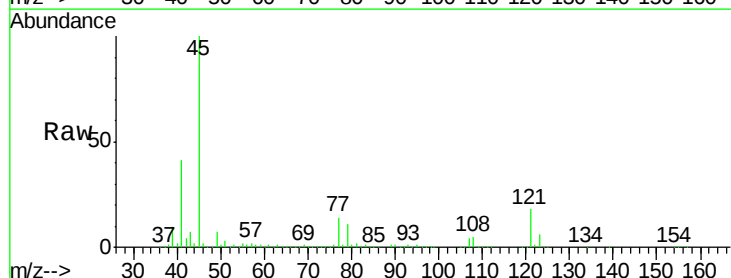
Tgt Ion: 45 Resp: 792482

Ion Ratio Lower Upper

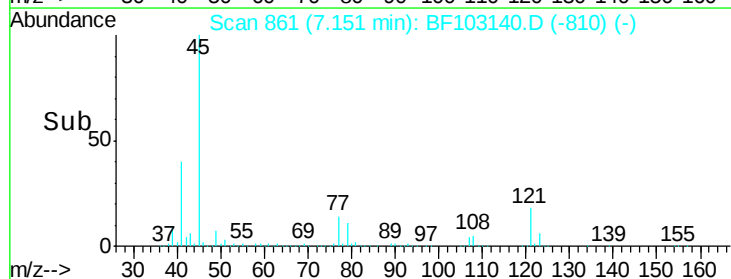
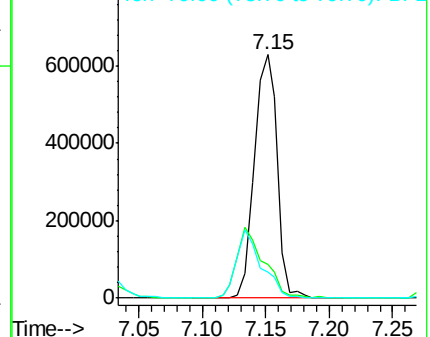
45 100

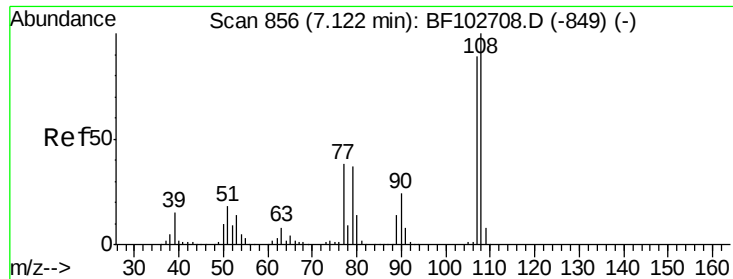
77 13.8 0.0 32.9

79 10.8 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

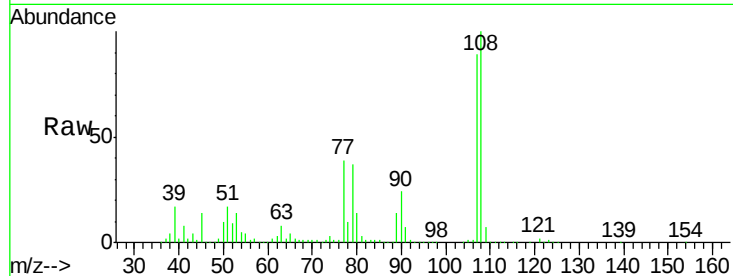




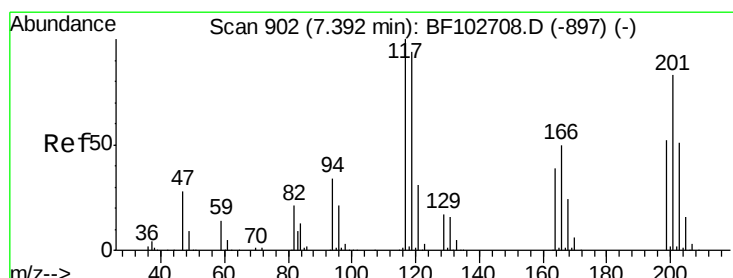
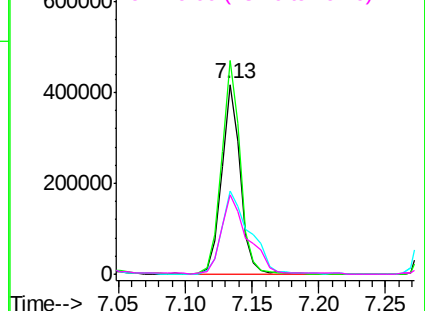
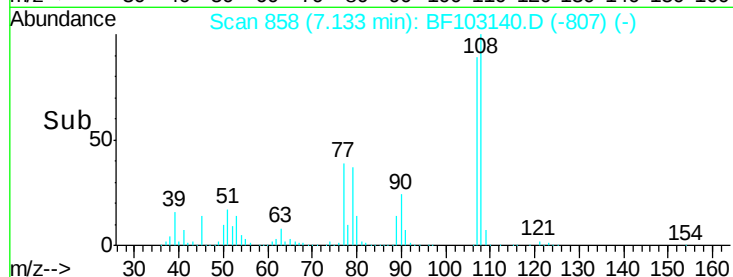
#17
2-Methylphenol
Concen: 36.422 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF103140.D
Acq: 21 Feb 2018 16:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 409185
Ion Ratio Lower Upper
107 100
108 112.4 91.7 137.5
77 43.7 33.8 50.8
79 41.9 33.8 50.8

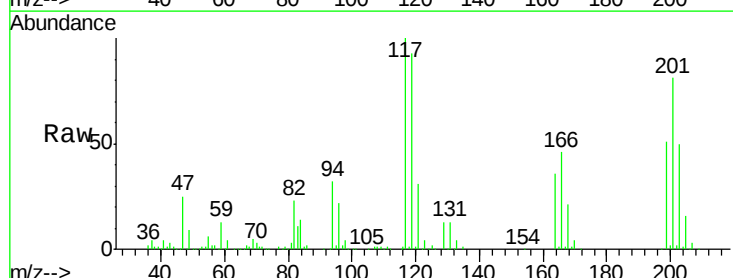


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

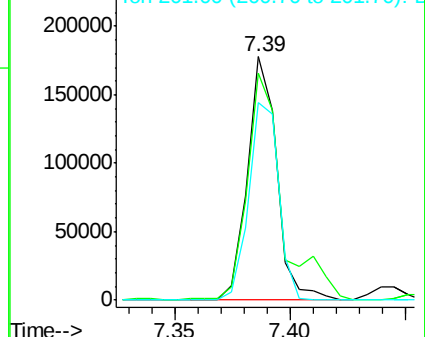
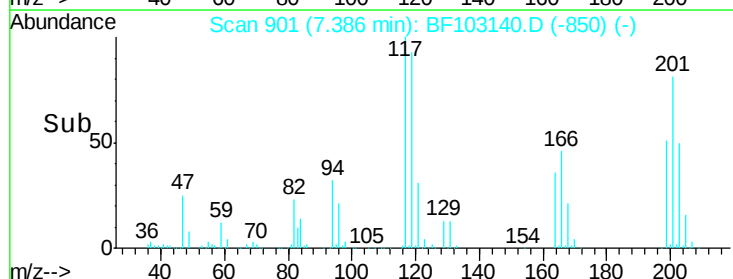


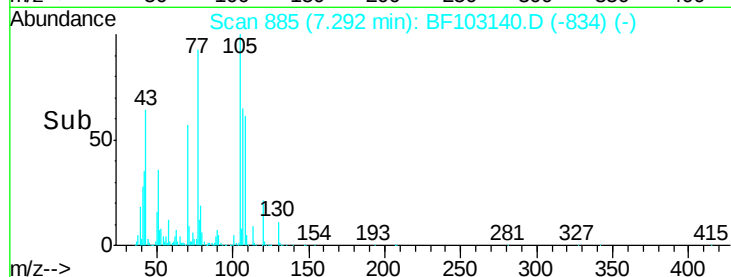
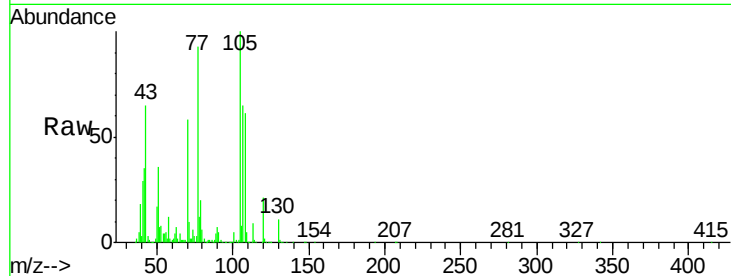
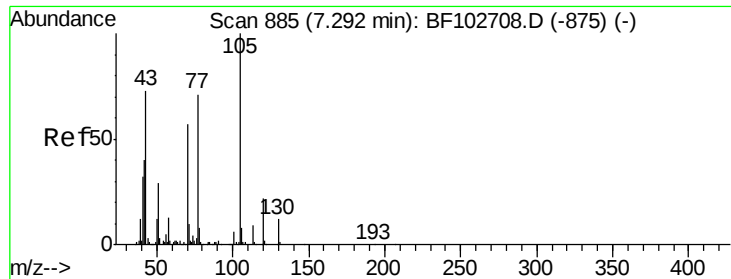
#18
Hexachloroethane
Concen: 32.925 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF103140.D
Acq: 21 Feb 2018 16:59

Tgt Ion:117 Resp: 158628
Ion Ratio Lower Upper
117 100
119 93.5 75.8 113.8
201 81.3 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

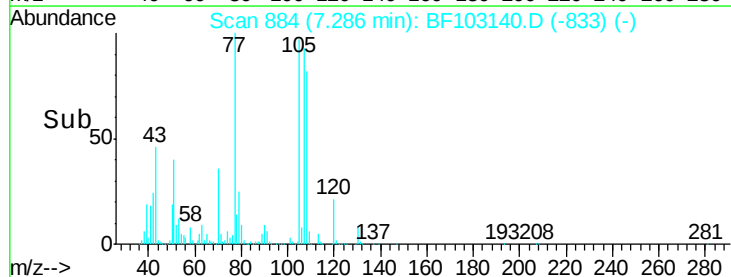
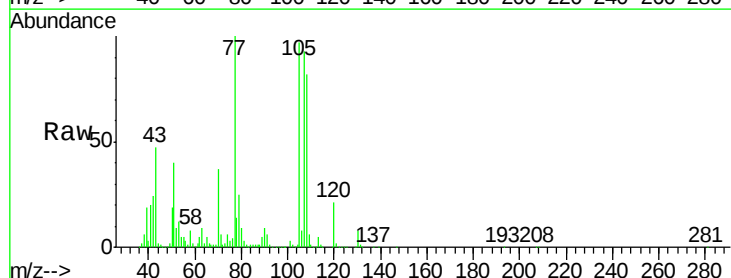
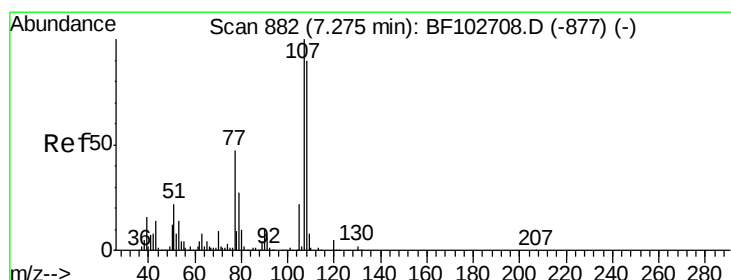
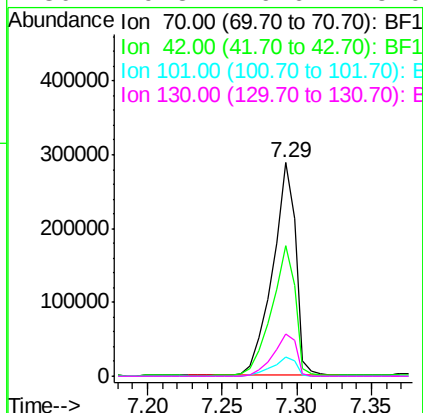




#19
n-Nitroso-di-n-propylamine
Concen: 33.118 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF103140.D
Acq: 21 Feb 2018 16:59

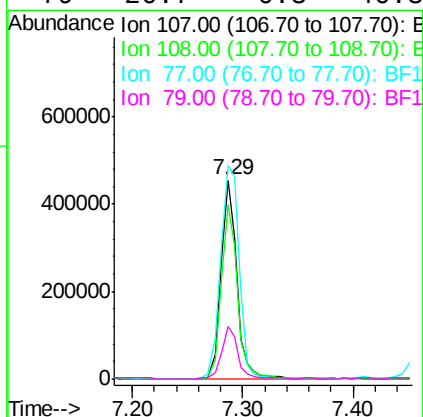
Instrument :
BNA_F
ClientSampleId :

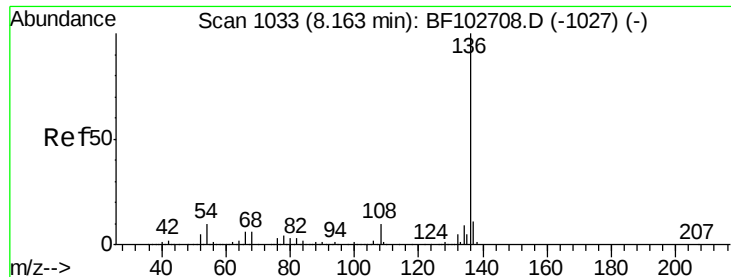
Tot Ion	Ratio	Lower	Upper
70	100		
42	61.0	47.5	71.3
101	9.3	7.4	11.2
130	19.8	16.6	25.0



#20
3+4-Methylphenols
Concen: 33.051 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF103140.D
Acq: 21 Feb 2018 16:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.8	68.2	108.2
77	107.5	26.7	66.7#
79	26.7	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF103140.D

Acq: 21 Feb 2018 16:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 736934

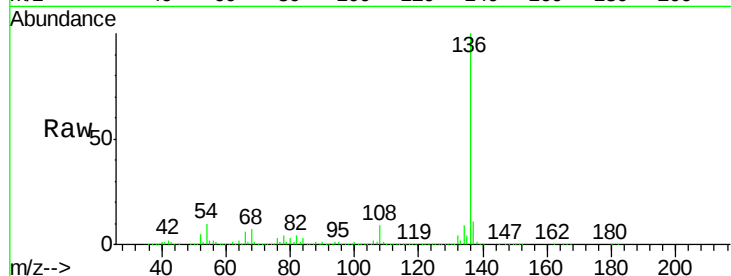
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.8 6.6 9.8

68 7.0 5.0 7.4

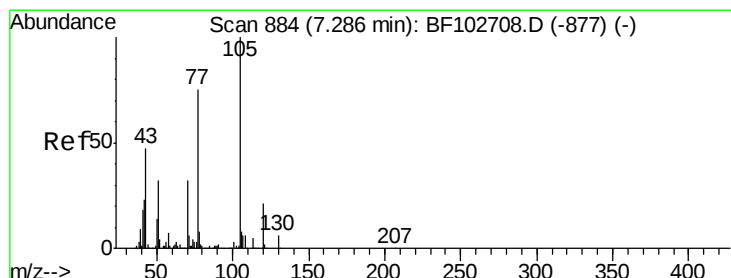
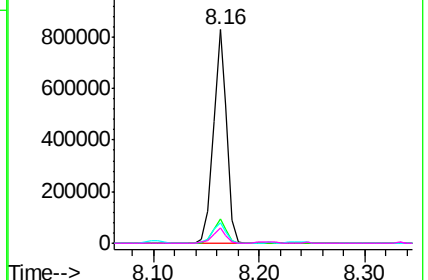
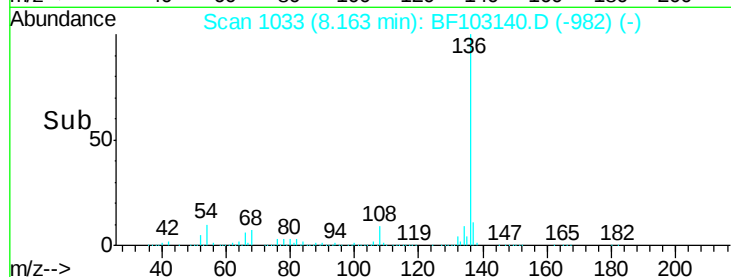


Abundance Ion 136.00 (135.70 to 136.70): E

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: 33.526 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF103140.D

Acq: 21 Feb 2018 16:59

Tgt Ion:105 Resp: 604591

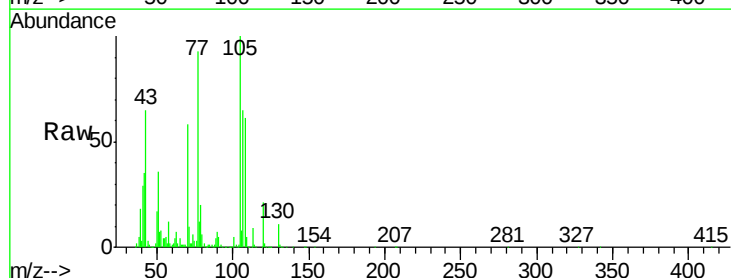
Ion Ratio Lower Upper

105 100

71 9.5 4.4 6.6#

51 36.3 22.3 33.5#

120 21.5 16.9 25.3

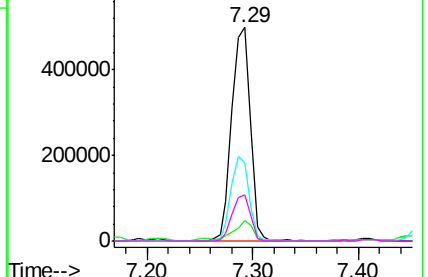
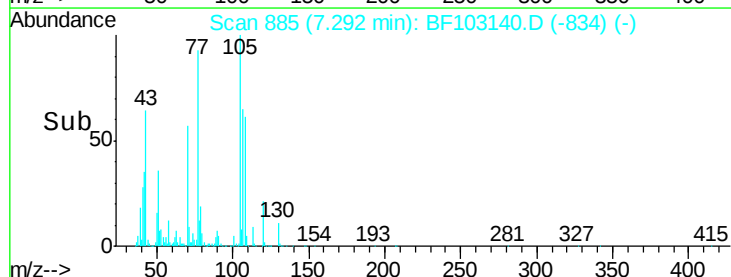


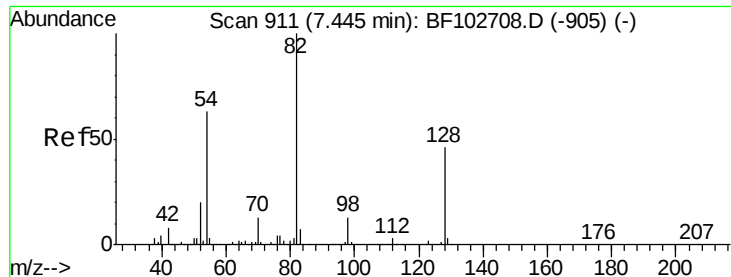
Abundance Ion 105.00 (104.70 to 105.70): E

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

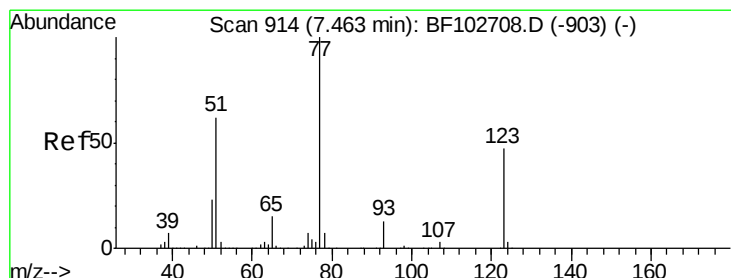
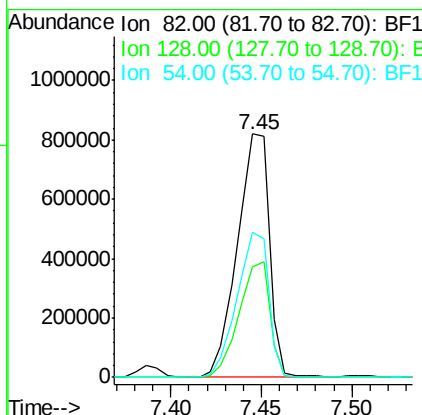
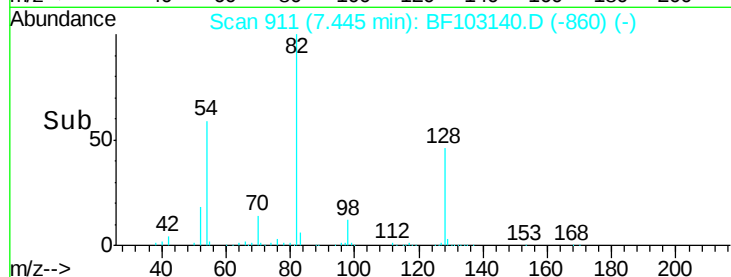
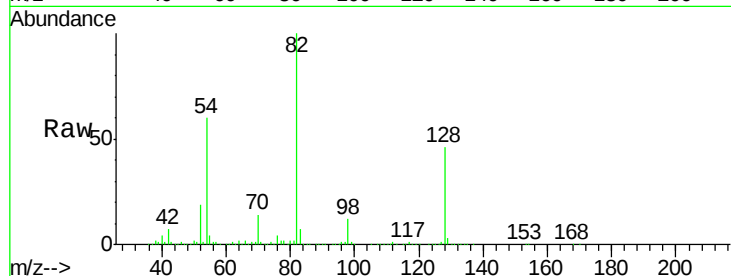




#23
Nitrobenzene-d5
Concen: 94.540 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF103140.D
Acq: 21 Feb 2018 16:59

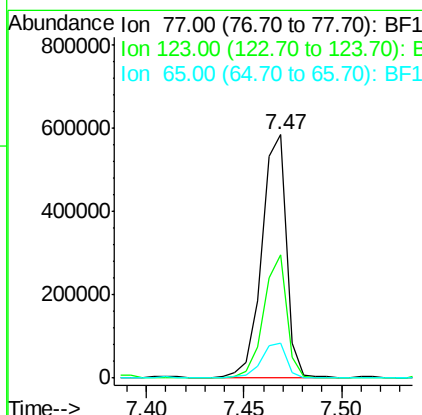
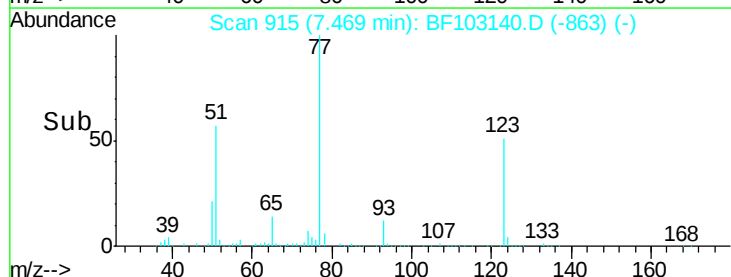
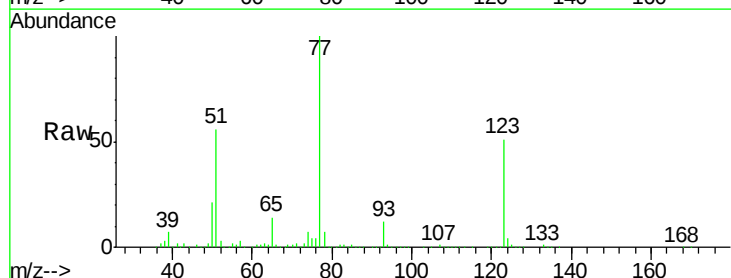
Instrument :
BNA_F
ClientSampleId :

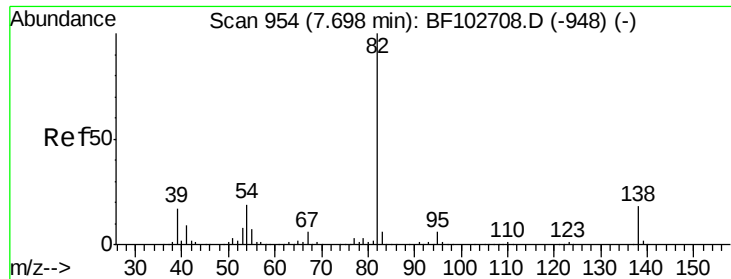
Tot Ion: 82 Resp: 1004313
Ion Ratio Lower Upper
82 100
128 45.5 36.1 54.1
54 59.7 41.4 62.2



#24
Nitrobenzene
Concen: 40.649 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.01 min
Lab File: BF103140.D
Acq: 21 Feb 2018 16:59

Tgt Ion: 77 Resp: 508032
Ion Ratio Lower Upper
77 100
123 50.7 37.9 56.9
65 14.1 11.0 16.4

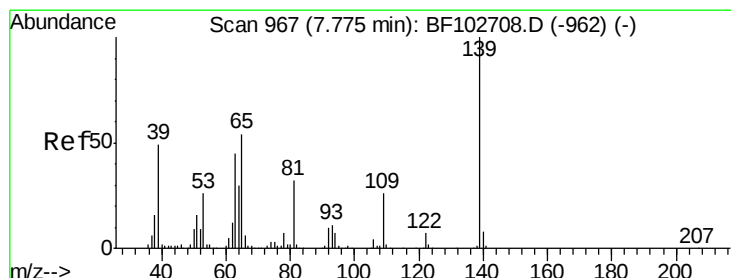
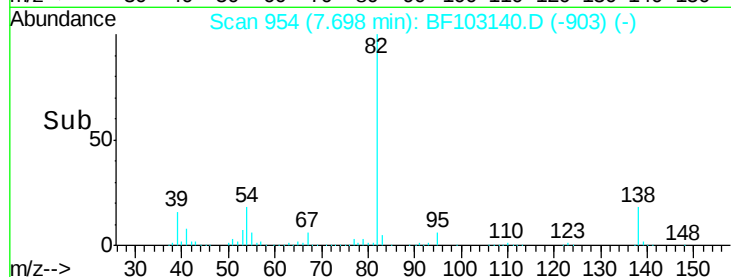
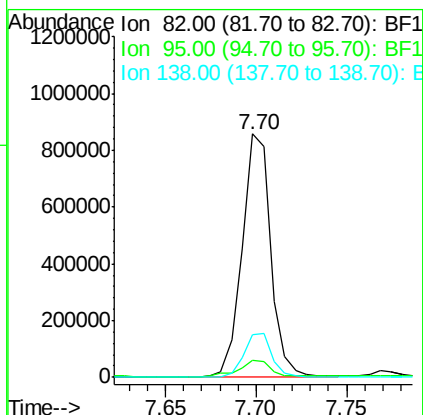
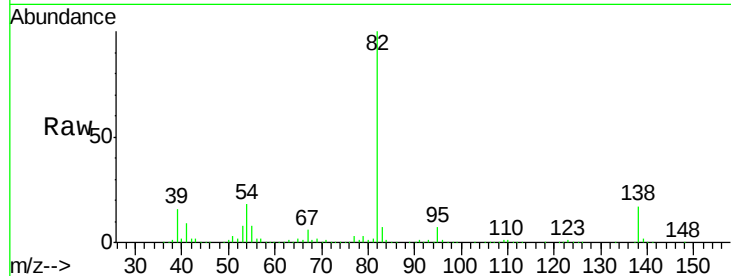




#25
Isophorone
Concen: 38.249 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF103140.D
Acq: 21 Feb 2018 16:59

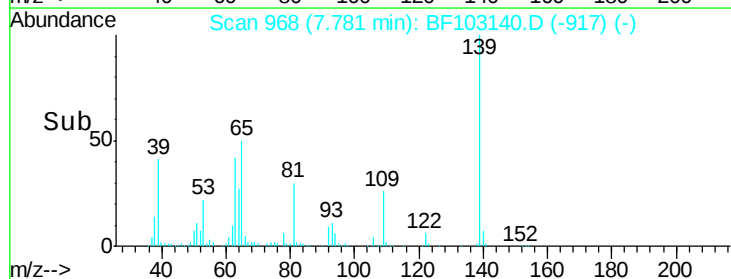
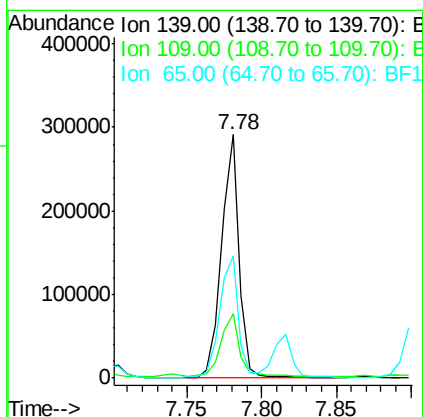
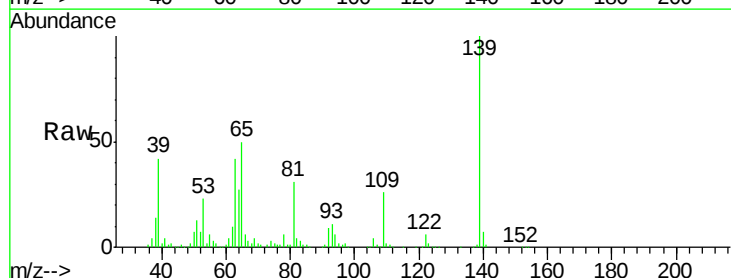
Instrument :
BNA_F
ClientSampleId :

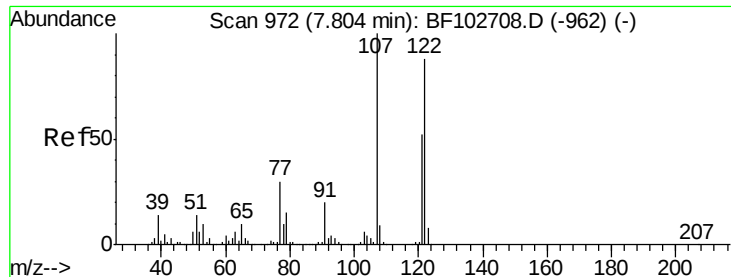
Tot Ion: 82 Resp: 935619
Ion Ratio Lower Upper
82 100
95 6.8 5.2 7.8
138 17.4 14.9 22.3



#26
2-Nitrophenol
Concen: 47.722 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.00 min
Lab File: BF103140.D
Acq: 21 Feb 2018 16:59

Tgt Ion: 139 Resp: 244675
Ion Ratio Lower Upper
139 100
109 26.3 22.7 34.1
65 50.4 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 40.582 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF103140.D

Acq: 21 Feb 2018 16:59

Instrument :

BNA_F

ClientSampleId :

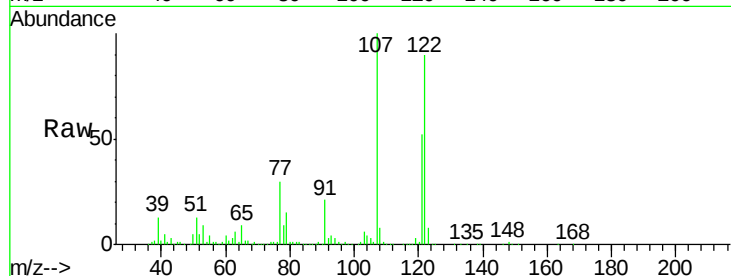
Tot Ion:122 Resp: 419392

Ion Ratio Lower Upper

122 100

107 111.1 91.2 136.8

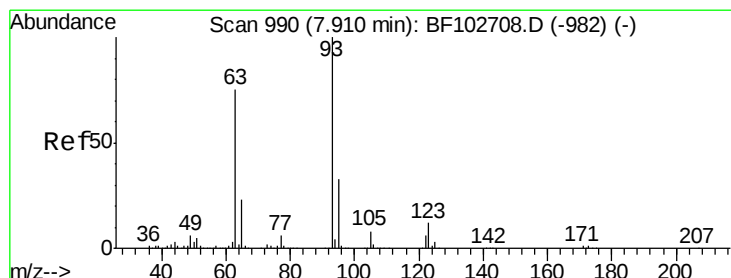
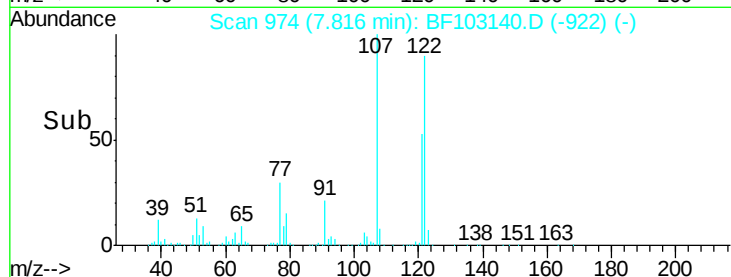
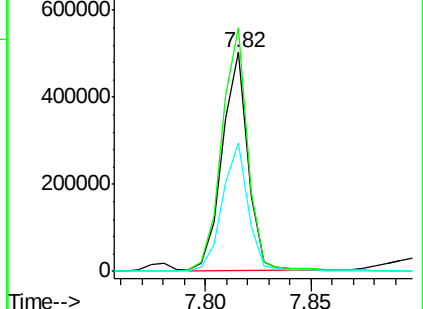
121 58.3 47.2 70.8



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: 39.507 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF103140.D

Acq: 21 Feb 2018 16:59

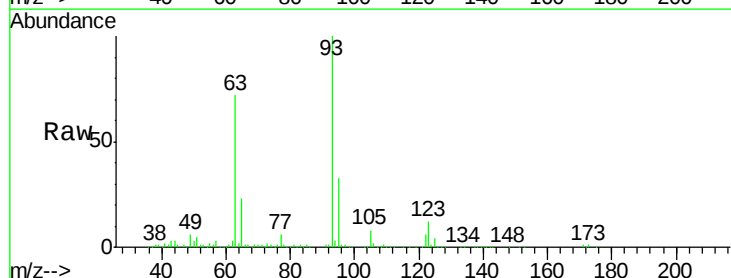
Tgt Ion: 93 Resp: 572485

Ion Ratio Lower Upper

93 100

95 33.2 26.3 39.5

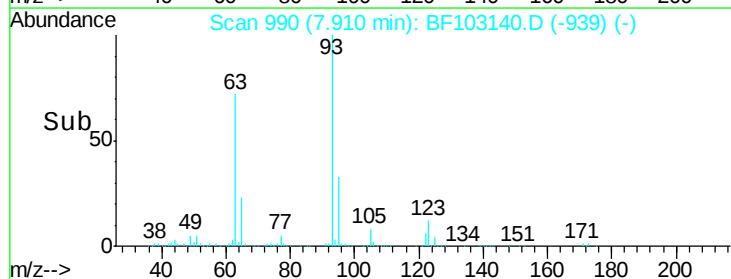
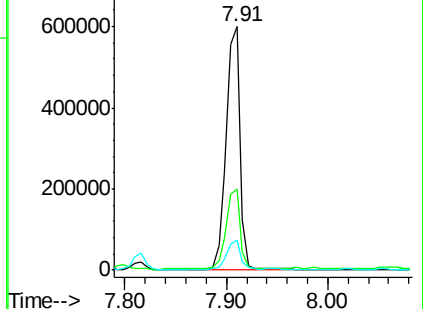
123 12.4 9.8 14.6

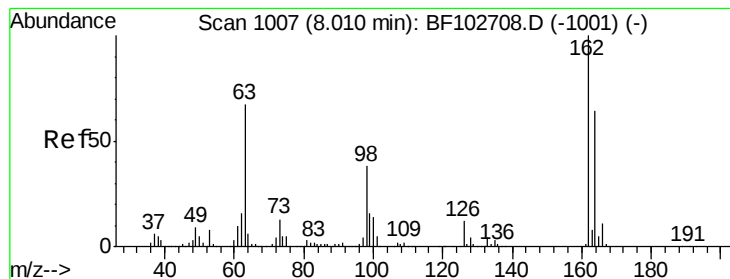


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.241 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF103140.D

Acq: 21 Feb 2018 16:59

Instrument :
BNA_F
ClientSampleId :

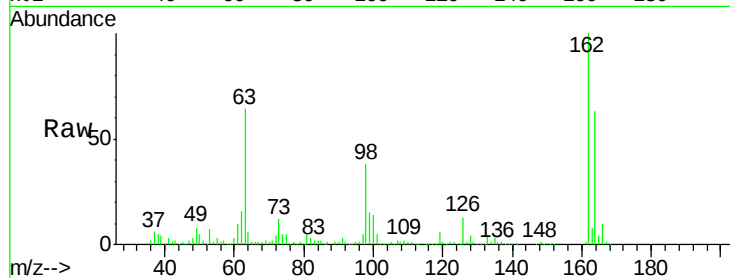
Tot Ion:162 Resp: 387447

Ion Ratio Lower Upper

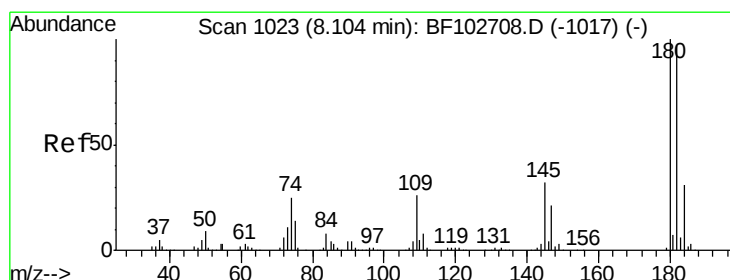
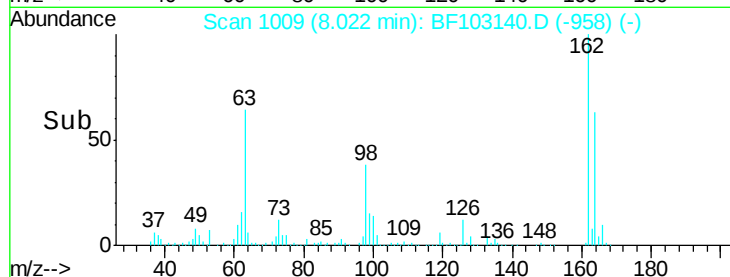
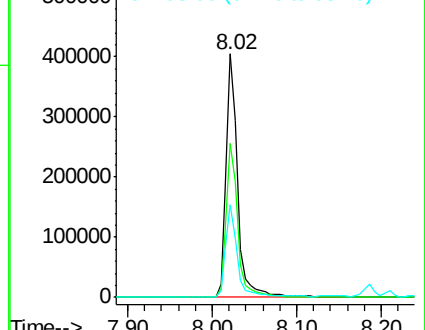
162 100

164 63.3 42.7 82.7

98 38.2 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: 34.147 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF103140.D

Acq: 21 Feb 2018 16:59

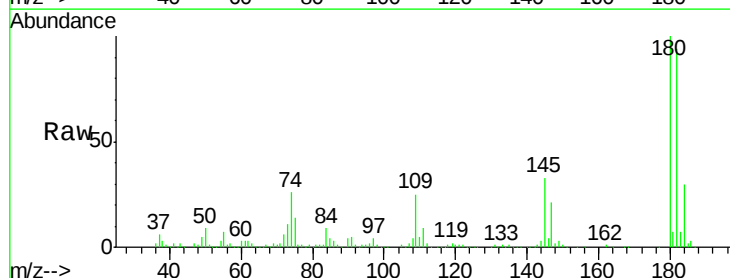
Tgt Ion:180 Resp: 362917

Ion Ratio Lower Upper

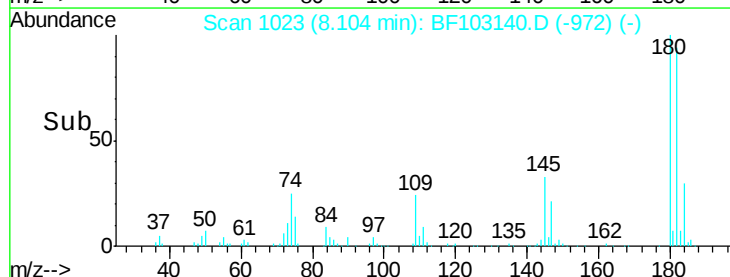
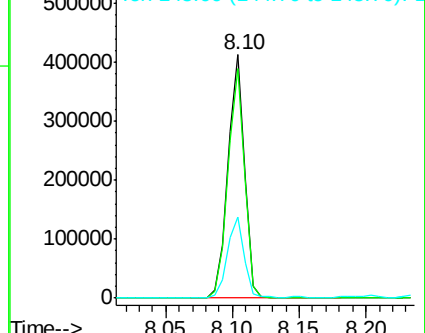
180 100

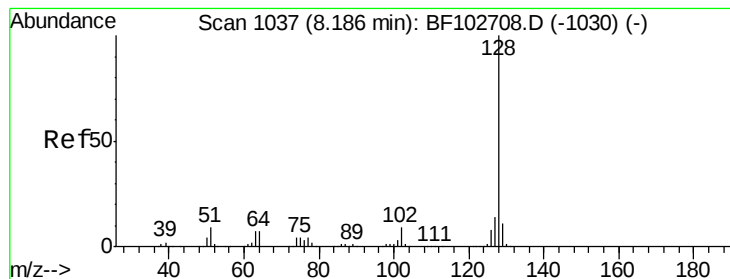
182 94.0 76.8 115.2

145 33.1 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: 35.198 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF103140.D

Acq: 21 Feb 2018 16:59

Instrument :

BNA_F

ClientSampleId :

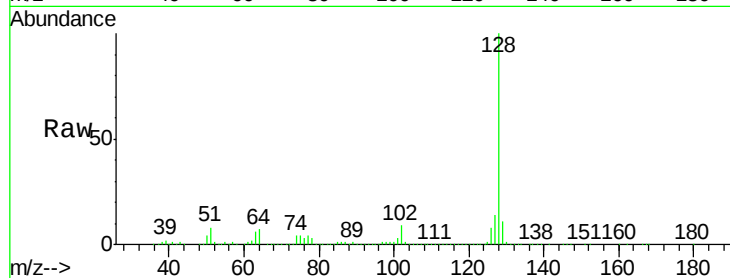
Tot Ion:128 Resp: 1267301

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

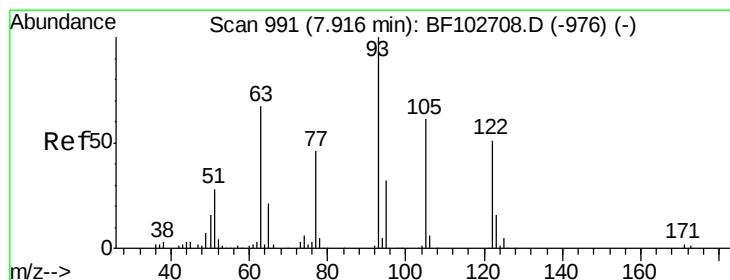
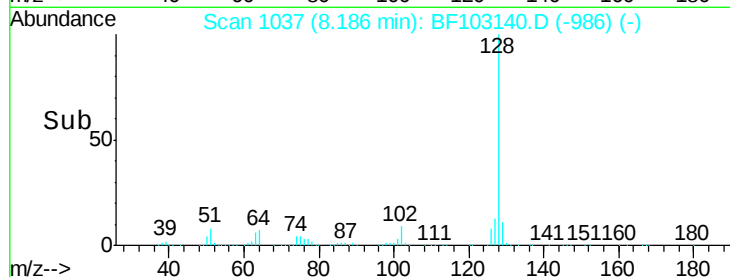
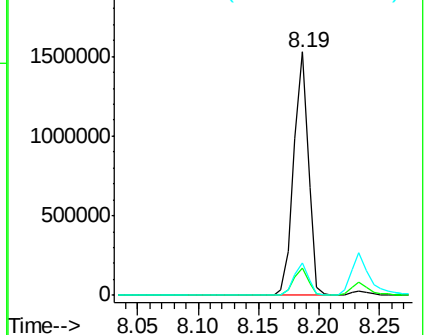
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 21.934 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.02 min

Lab File: BF103140.D

Acq: 21 Feb 2018 16:59

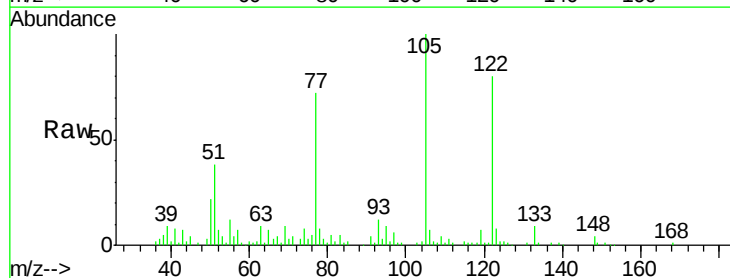
Tgt Ion:122 Resp: 106970

Ion Ratio Lower Upper

122 100

105 125.4 101.1 141.1

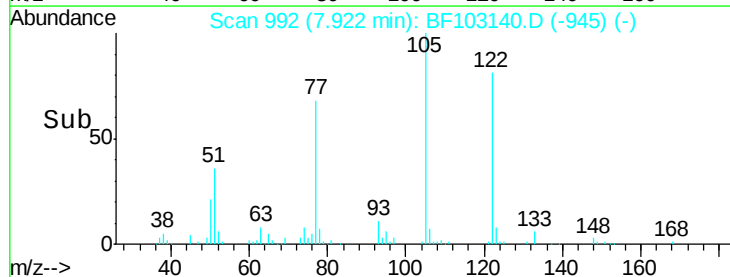
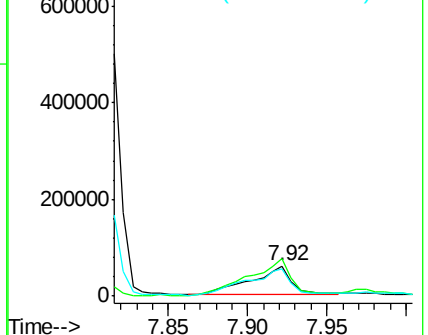
77 90.2 70.7 110.7

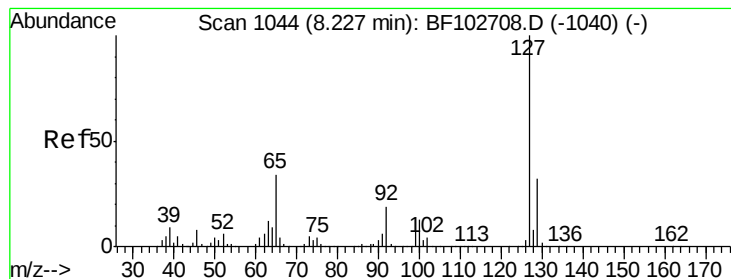


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 18.006 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF103140.D

Acq: 21 Feb 2018 16:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 279279

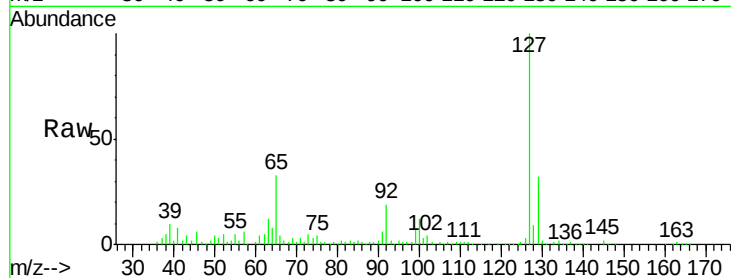
Ion Ratio Lower Upper

127 100

129 32.1 25.9 38.9

65 32.7 25.0 37.4

92 18.7 15.2 22.8

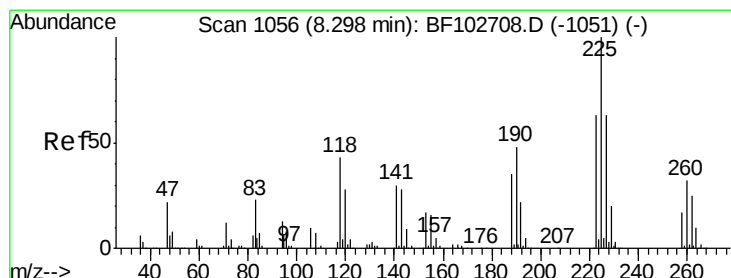
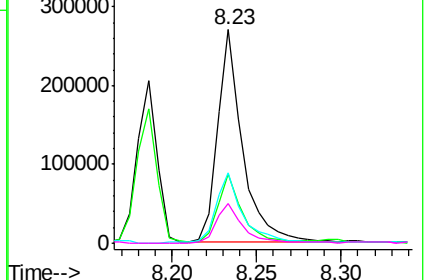
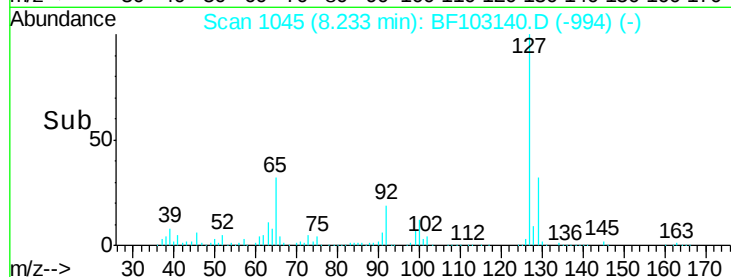


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 33.560 ng

RT: 8.29 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BF103140.D

Acq: 21 Feb 2018 16:59

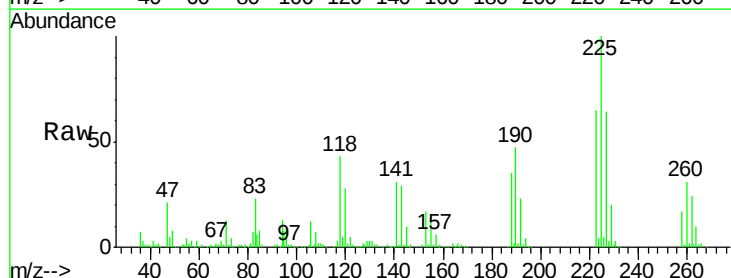
Tgt Ion:225 Resp: 182770

Ion Ratio Lower Upper

225 100

223 65.3 50.6 76.0

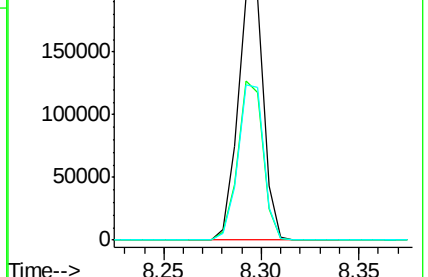
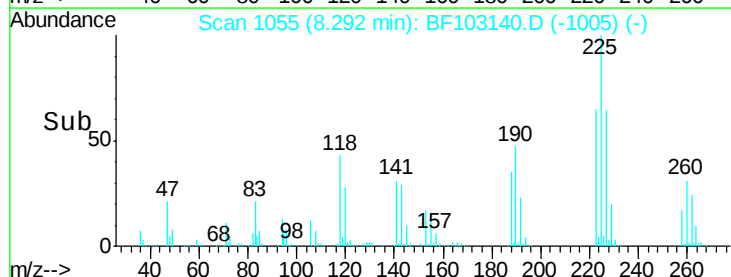
227 64.0 51.9 77.9

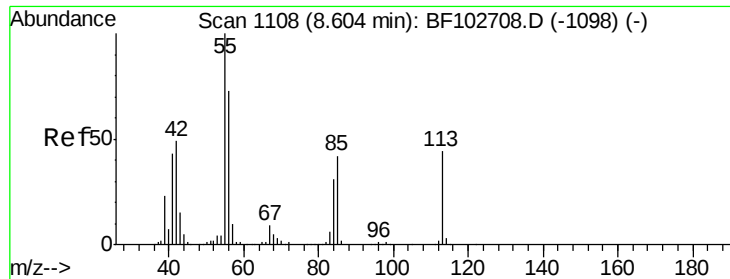


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

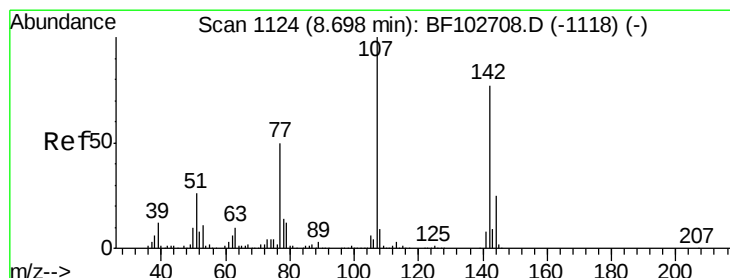
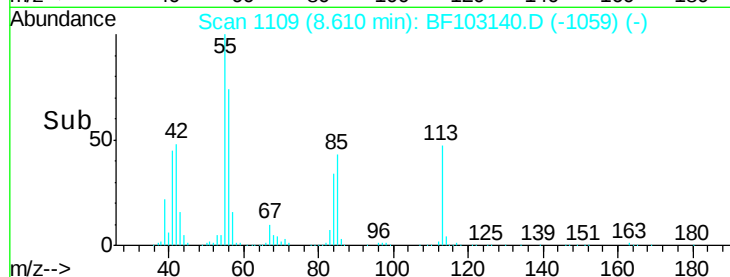
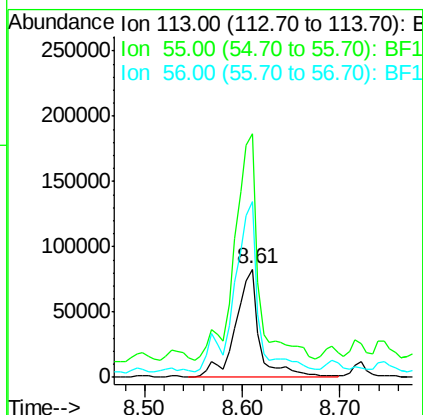
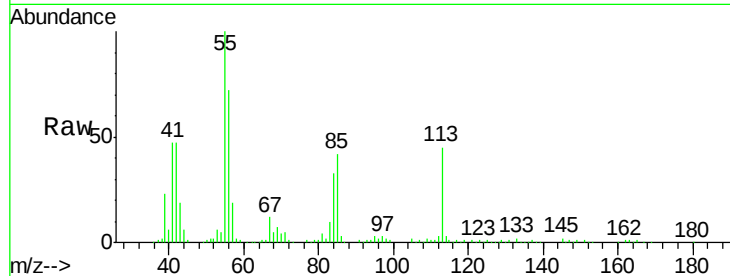




#35
 Caprolactam
 Concen: 42.659 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF103140.D
 Acq: 21 Feb 2018 16:59

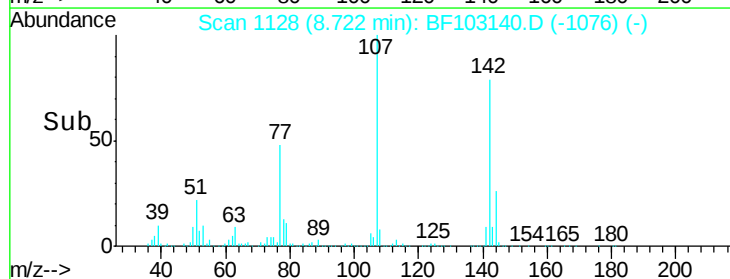
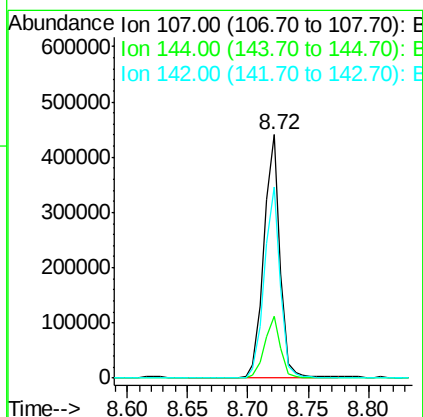
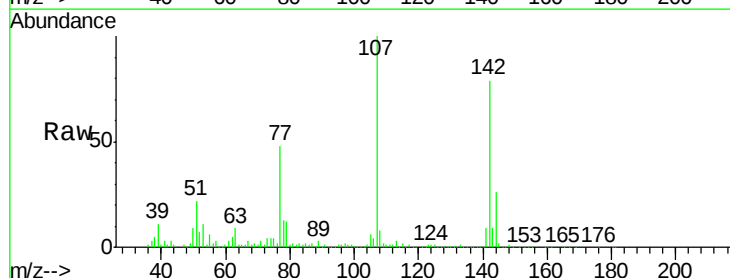
Instrument :
 BNA_F
 ClientSampled :

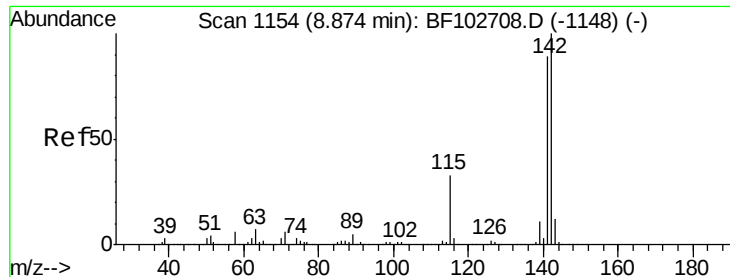
Tot Ion:113 Resp: 139180
 Ion Ratio Lower Upper
 113 100
 55 224.5 163.3 203.3#
 56 161.9 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 38.772 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.01 min
 Lab File: BF103140.D
 Acq: 21 Feb 2018 16:59

Tgt Ion:107 Resp: 409264
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.5 30.7
 142 78.7 62.0 93.0

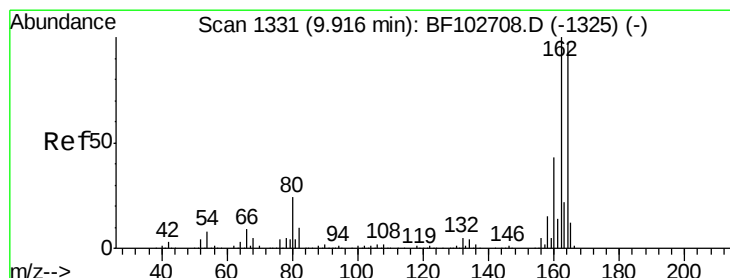
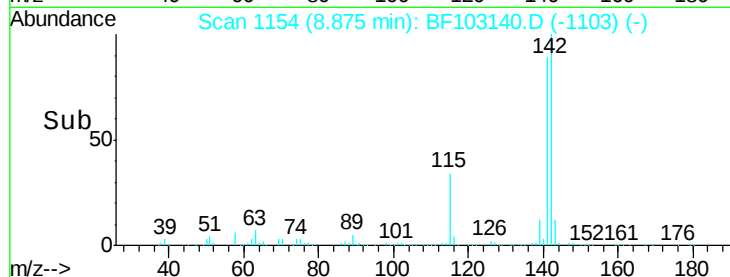
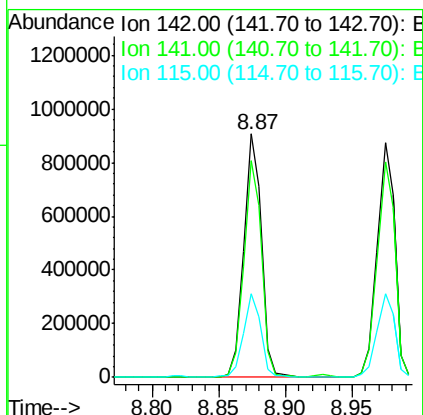
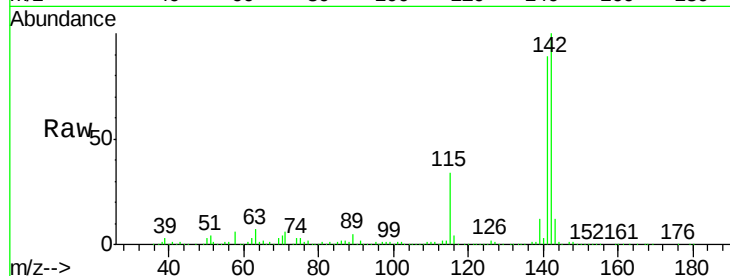




#37
 2-Methylnaphthalene
 Concen: 35.238 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF103140.D
 Acq: 21 Feb 2018 16:59

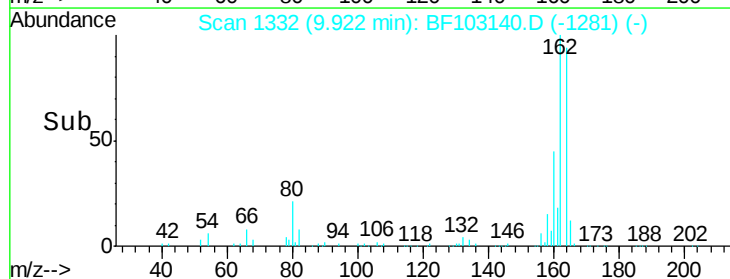
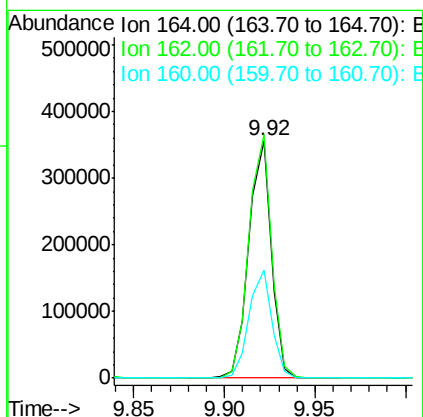
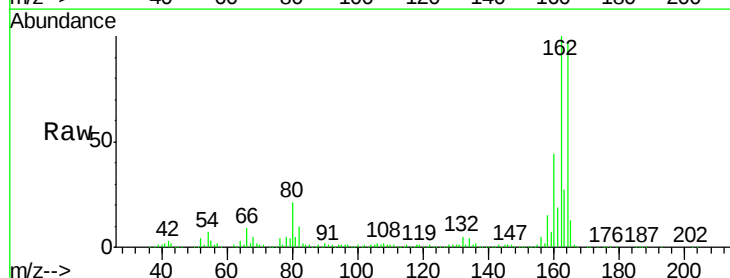
Instrument :
 BNA_F
 ClientSampleId :

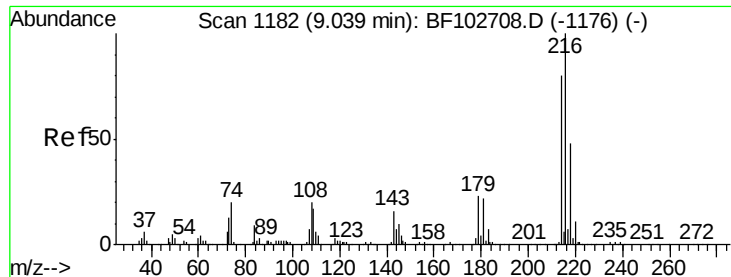
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	34.3	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BF103140.D
 Acq: 21 Feb 2018 16:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	45.6	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.448 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BF103140.D

Acq: 21 Feb 2018 16:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 306144

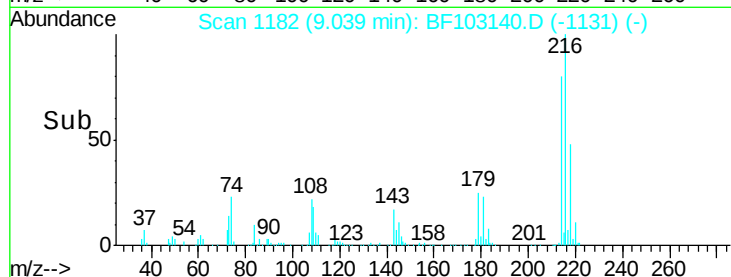
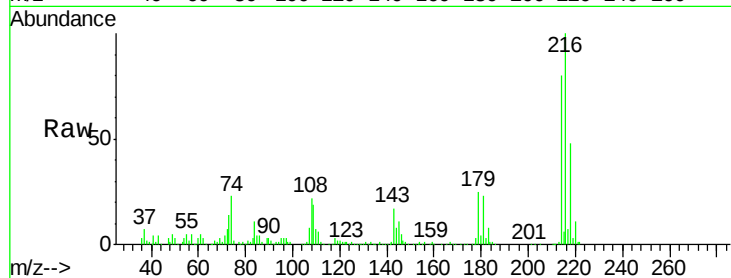
Ion Ratio Lower Upper

216 100

214 78.7 63.0 94.4

179 23.1 18.1 27.1

108 20.9 17.2 25.8

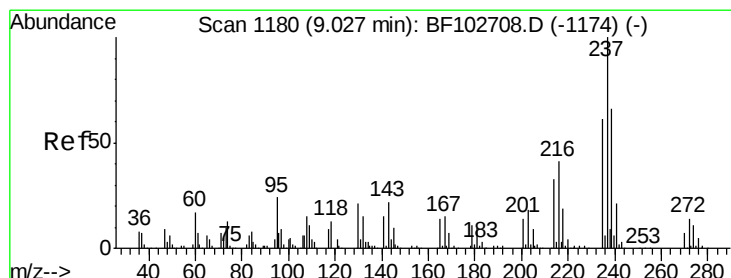
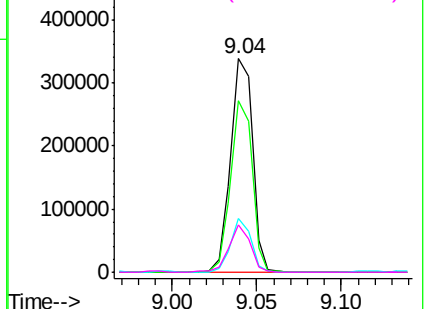


Abundance Ion 216.00 (215.70 to 216.70): E

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: 8.586 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF103140.D

Acq: 21 Feb 2018 16:59

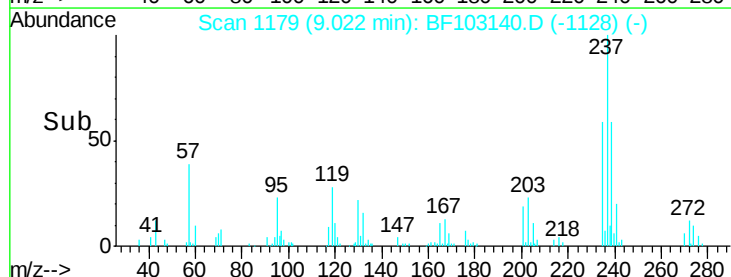
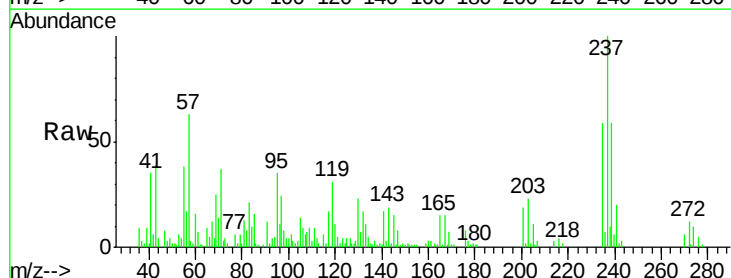
Tgt Ion:237 Resp: 34282

Ion Ratio Lower Upper

237 100

235 58.6 44.8 84.8

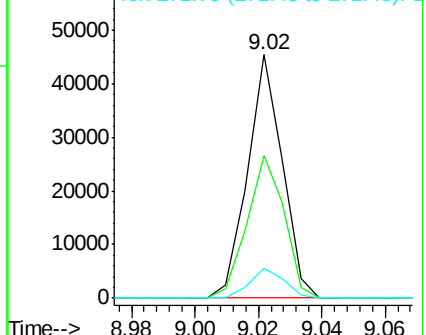
272 12.2 0.0 33.3

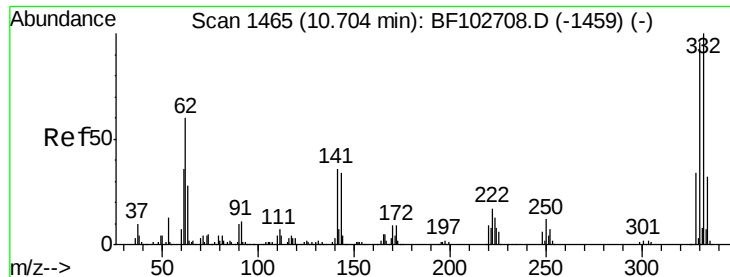


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

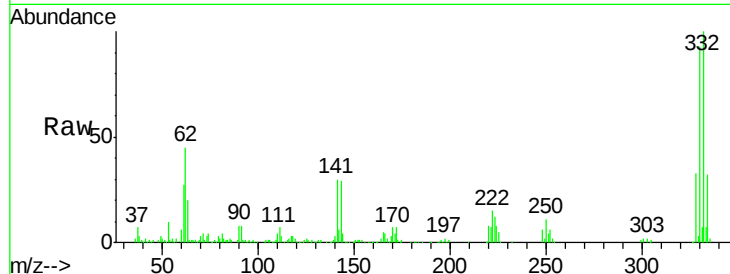




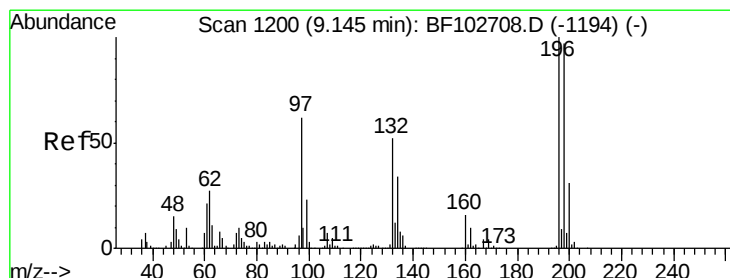
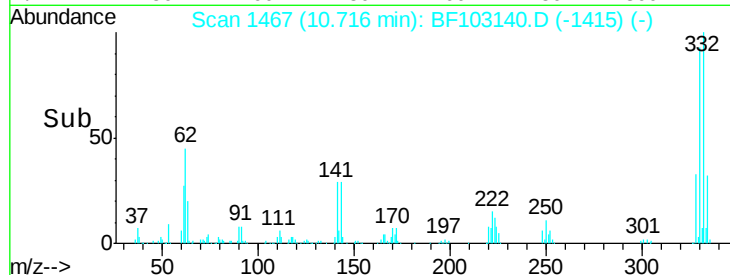
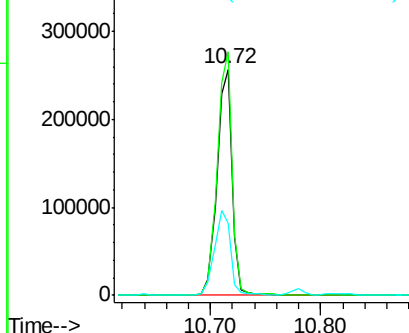
#41
 2,4,6-Tribromophenol
 Concen: 98.321 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF103140.D
 Acq: 21 Feb 2018 16:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	106.5	77.0	115.6
141	39.1	29.9	44.9

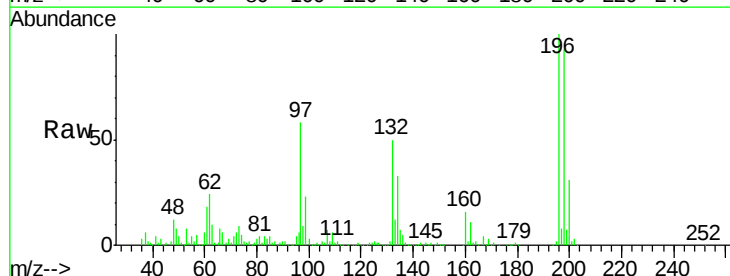


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

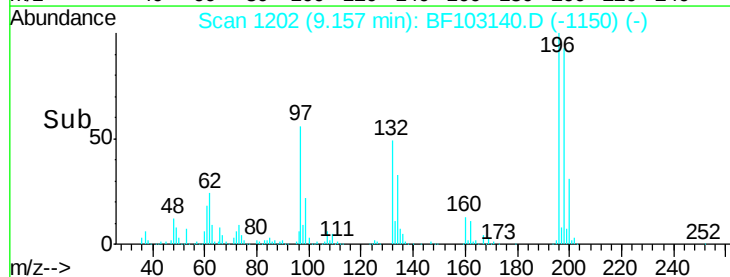
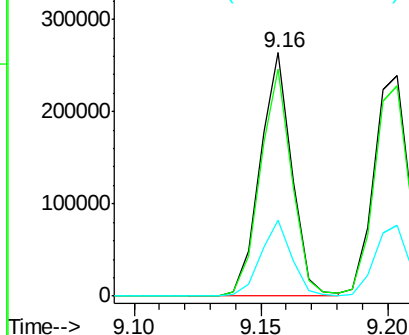


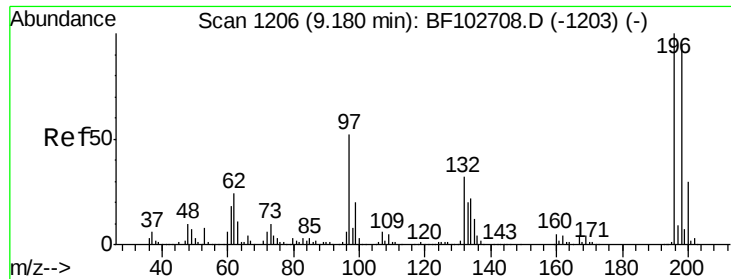
#42
 2,4,6-Trichlorophenol
 Concen: 41.329 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF103140.D
 Acq: 21 Feb 2018 16:59

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.3	75.7	113.5
200	31.0	24.5	36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

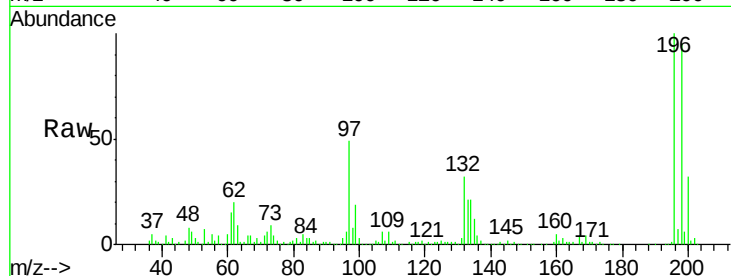




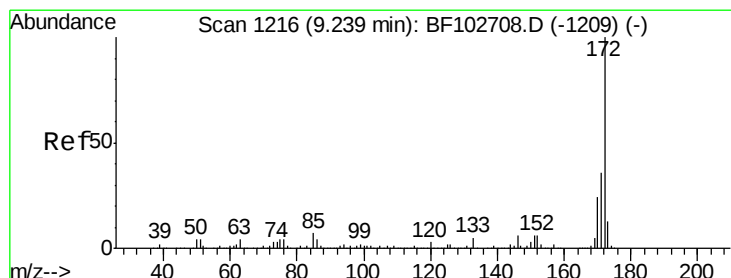
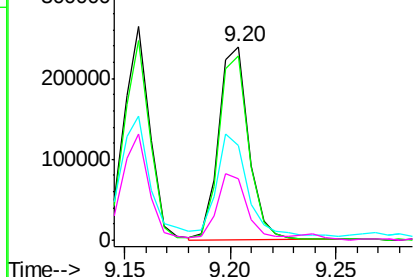
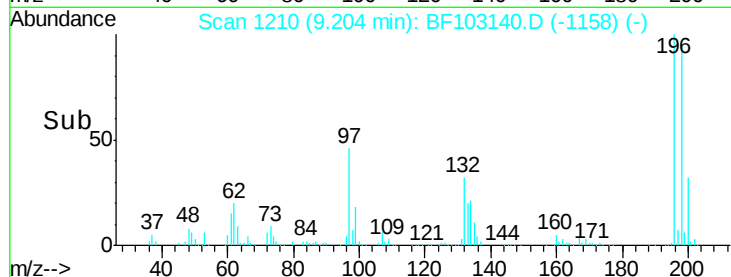
#43
 2,4,5-Trichlorophenol
 Concen: 38.050 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF103140.D
 Acq: 21 Feb 2018 16:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.1	74.6	112.0
97	49.1	42.9	64.3
132	31.8	26.3	39.5

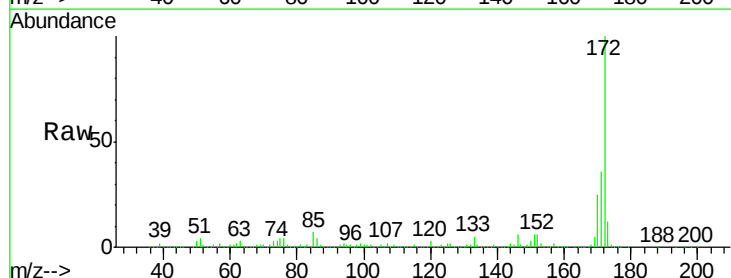


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

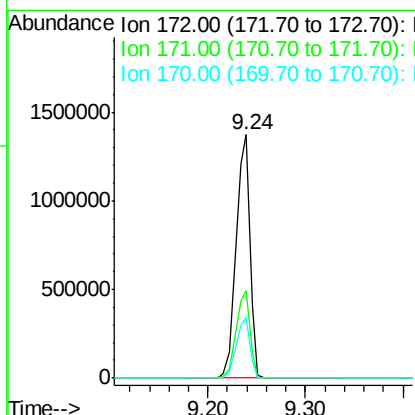
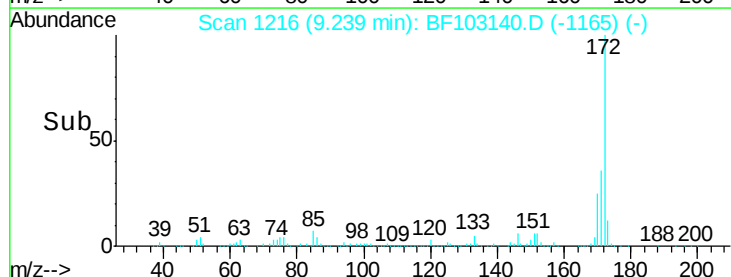


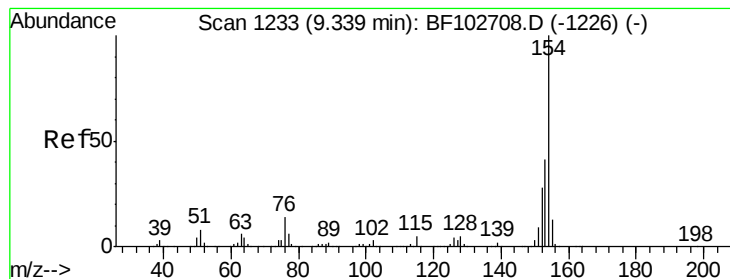
#44
 2-Fluorobiphenyl
 Concen: 72.177 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF103140.D
 Acq: 21 Feb 2018 16:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.7	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: 34.460 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BF103140.D

Acq: 21 Feb 2018 16:59

Instrument :

BNA_F

ClientSampled :

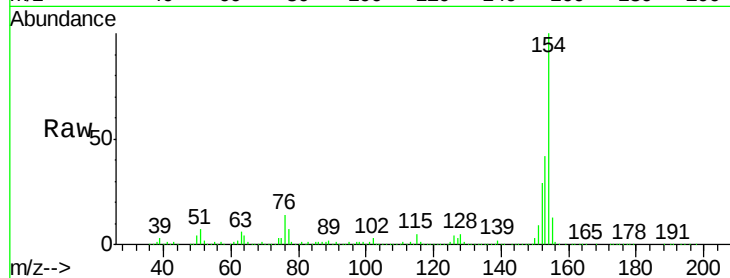
Tot Ion:154 Resp: 895381

Ion Ratio Lower Upper

154 100

153 41.6 21.3 61.3

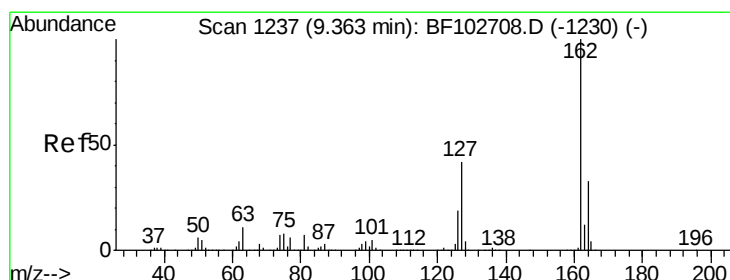
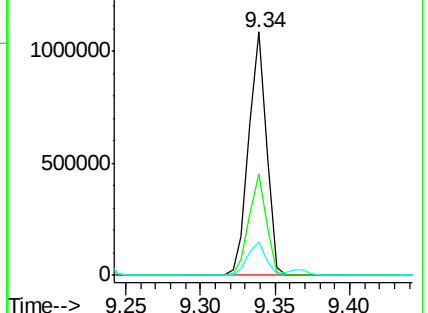
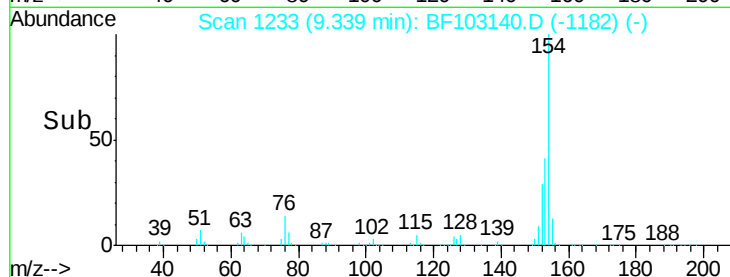
76 13.7 0.0 34.0



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: 35.216 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BF103140.D

Acq: 21 Feb 2018 16:59

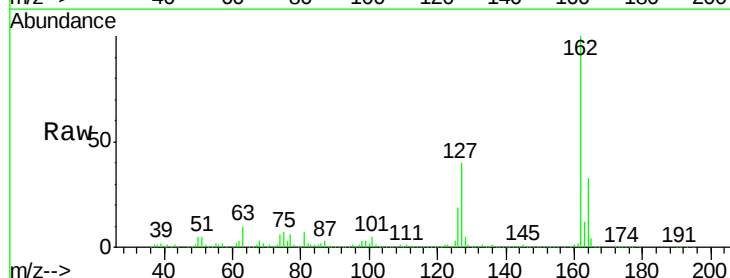
Tgt Ion:162 Resp: 720370

Ion Ratio Lower Upper

162 100

127 40.4 33.9 50.9

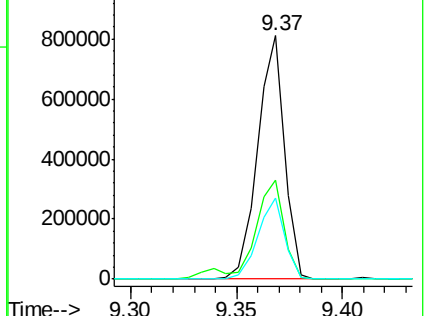
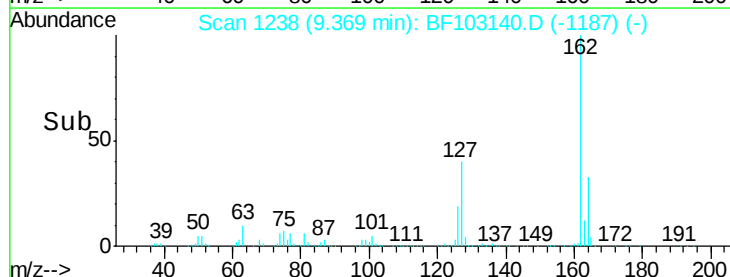
164 33.4 26.5 39.7

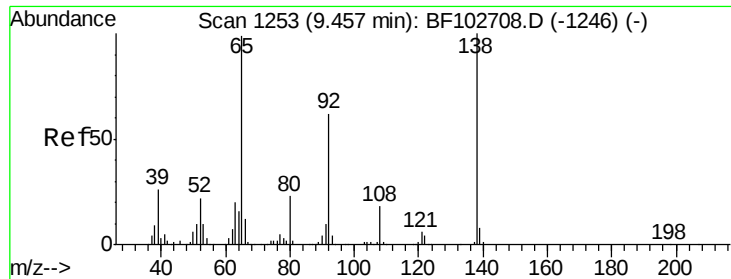


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 45.541 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BF103140.D

Acq: 21 Feb 2018 16:59

Instrument :

BNA_F

ClientSampleId :

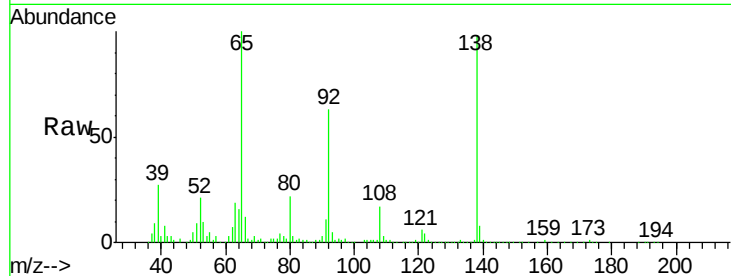
Tot Ion: 65 Resp: 286251

Ion Ratio Lower Upper

65 100

92 62.8 55.8 83.6

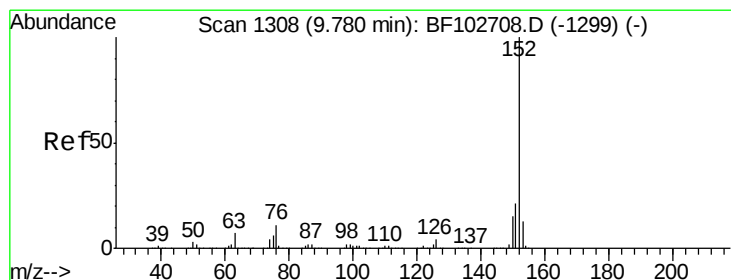
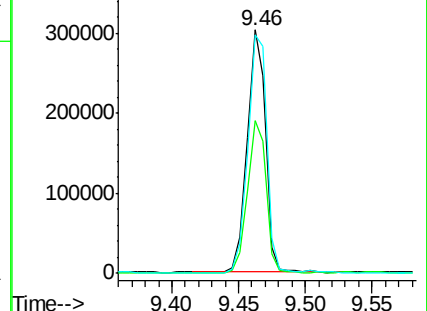
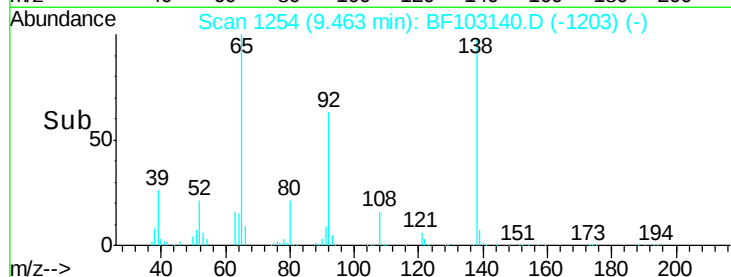
138 97.9 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 33.634 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BF103140.D

Acq: 21 Feb 2018 16:59

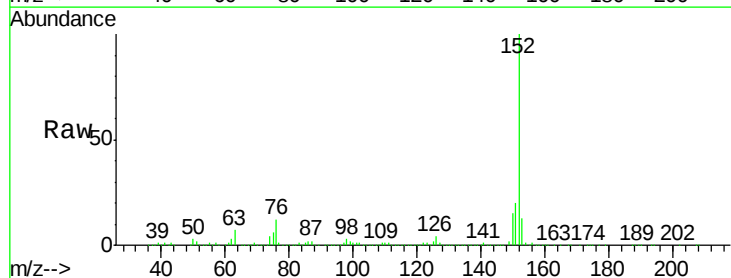
Tgt Ion: 152 Resp: 1068584

Ion Ratio Lower Upper

152 100

151 20.3 16.3 24.5

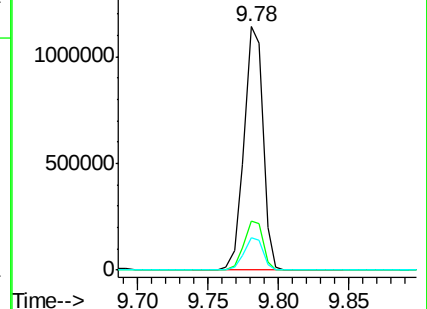
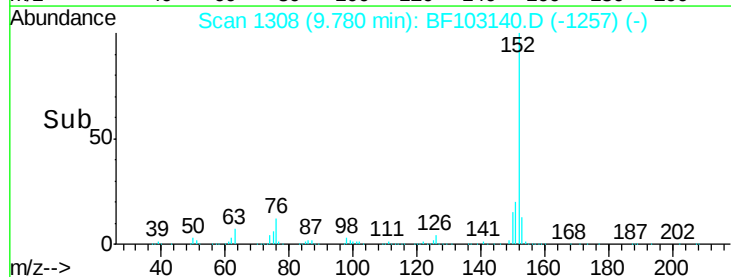
153 13.4 10.7 16.1

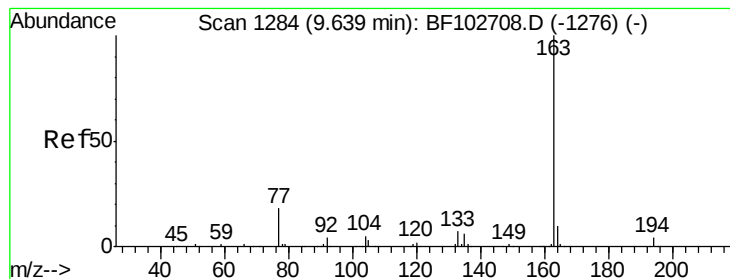


Abundance Ion 152.00 (151.70 to 152.70): BF1

Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1





#49

Dimethylphthalate

Concen: 41.315 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BF103140.D

Acq: 21 Feb 2018 16:59

Instrument :

BNA_F

ClientSampleId :

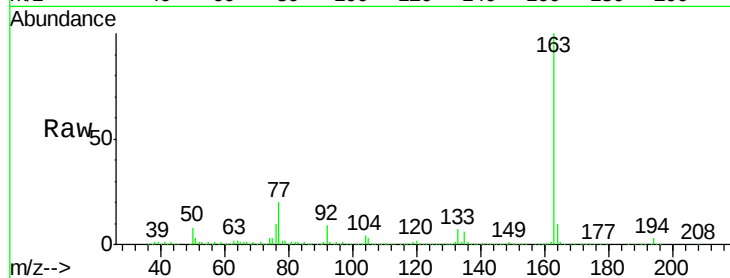
Tot Ion:163 Resp: 993762

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

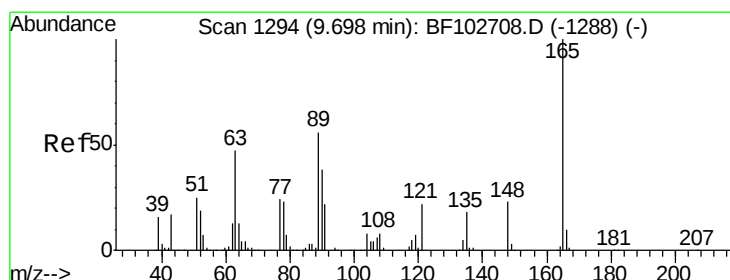
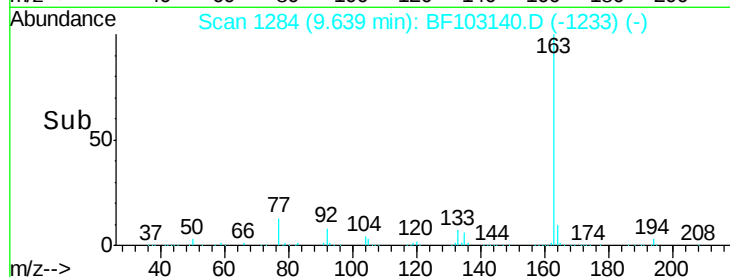
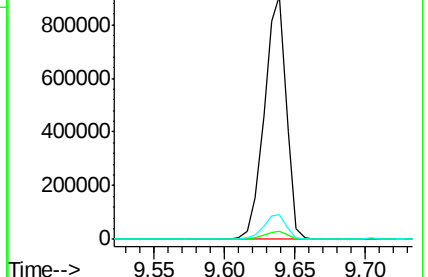
164 10.0 8.2 12.2



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: 41.543 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF103140.D

Acq: 21 Feb 2018 16:59

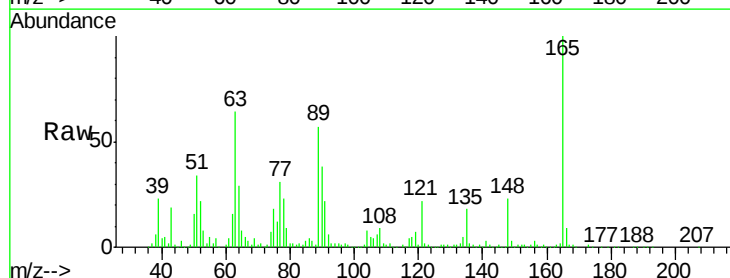
Tgt Ion:165 Resp: 190110

Ion Ratio Lower Upper

165 100

63 64.4 44.7 67.1

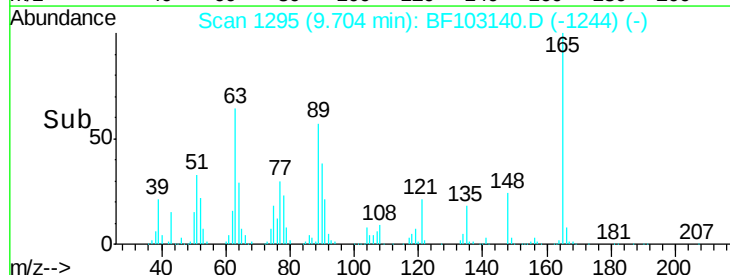
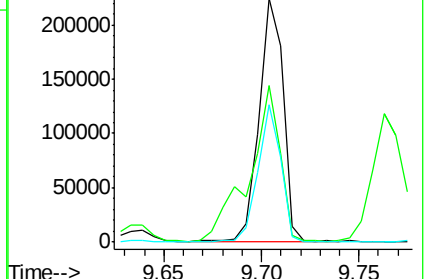
89 56.7 44.0 66.0

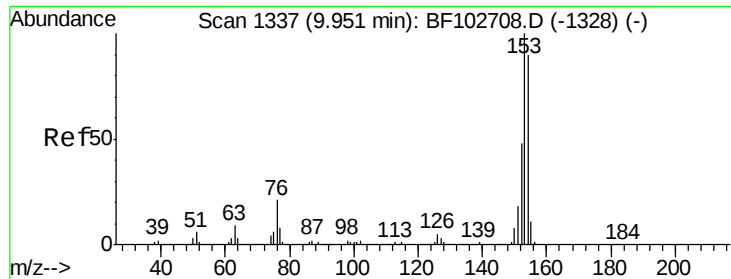


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 31.886 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BF103140.D

Acq: 21 Feb 2018 16:59

Instrument :

BNA_F

ClientSampleId :

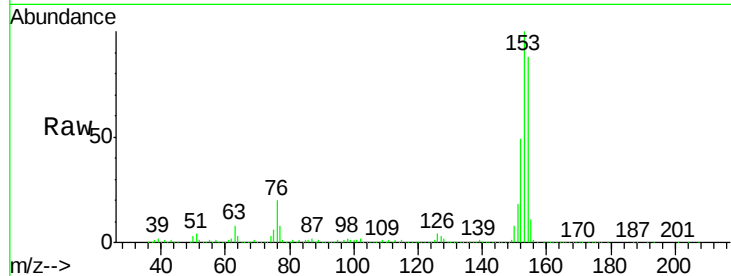
Tot Ion:154 Resp: 605837

Ion Ratio Lower Upper

154 100

153 113.6 91.2 136.8

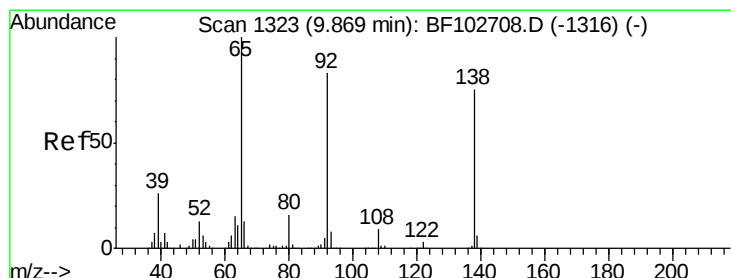
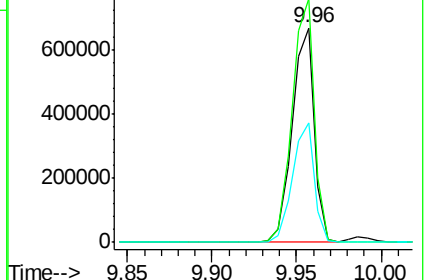
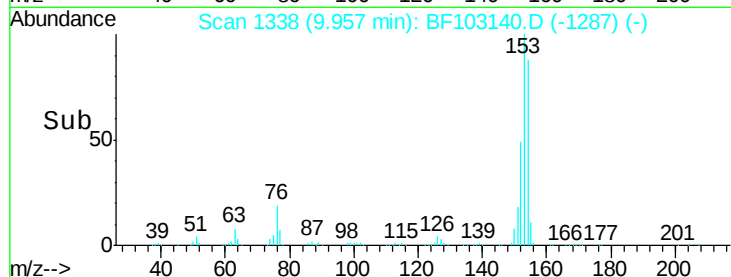
152 55.8 43.8 65.8



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: 34.432 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF103140.D

Acq: 21 Feb 2018 16:59

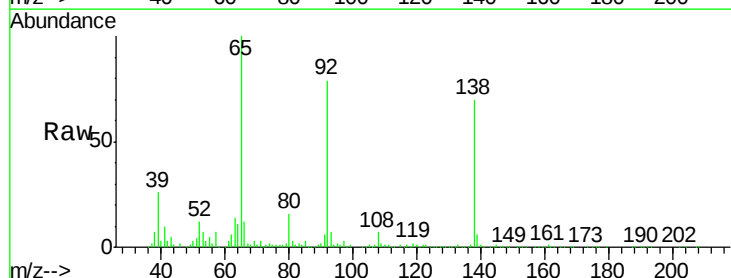
Tgt Ion:138 Resp: 193875

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.0

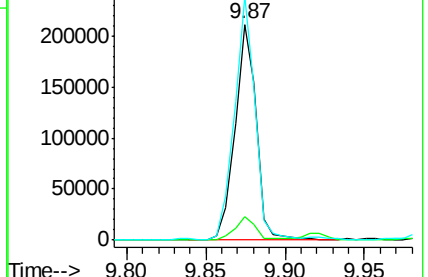
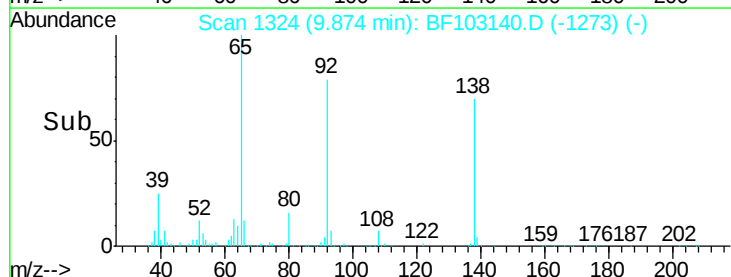
92 112.9 89.4 134.2

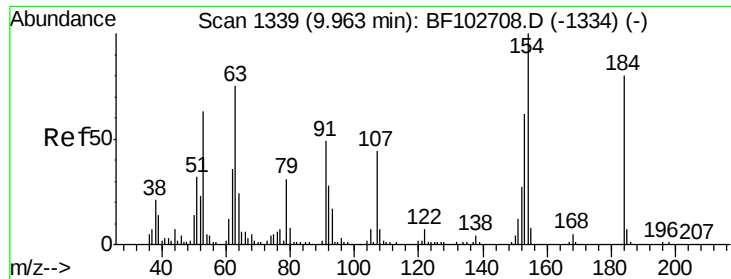


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

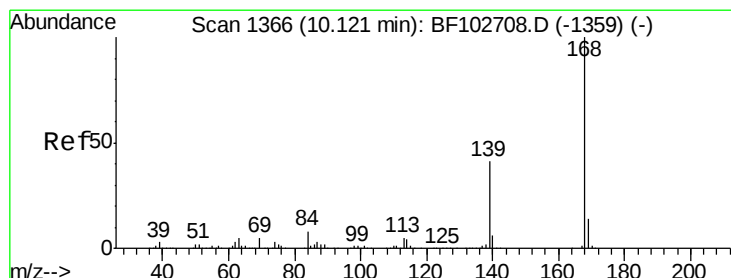
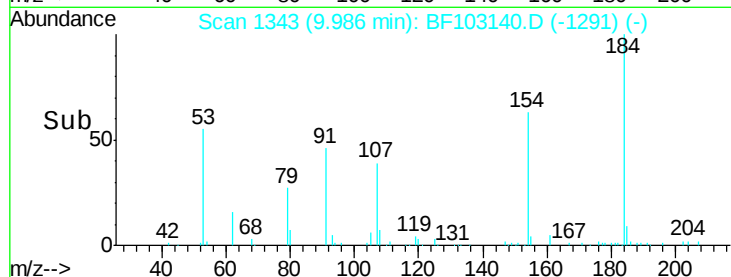
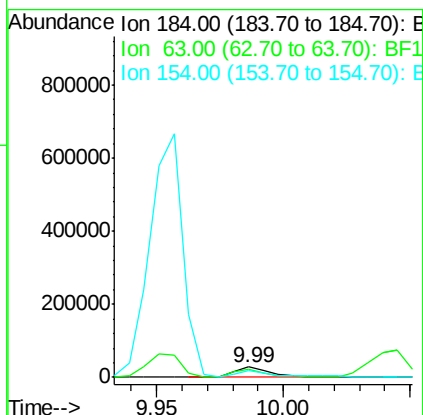
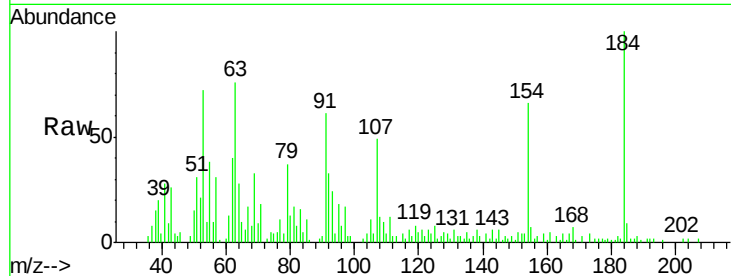




#53
2,4-Dinitrophenol
Concen: 33.870 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF103140.D
Acq: 21 Feb 2018 16:59

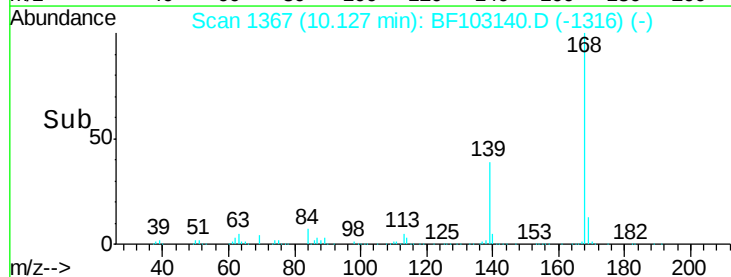
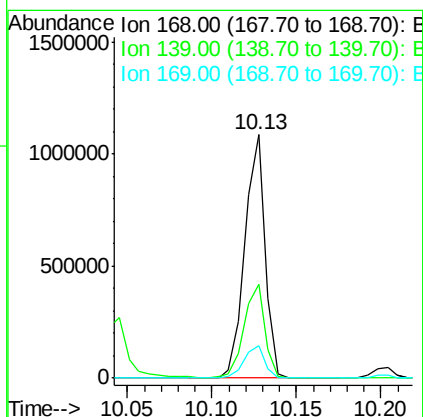
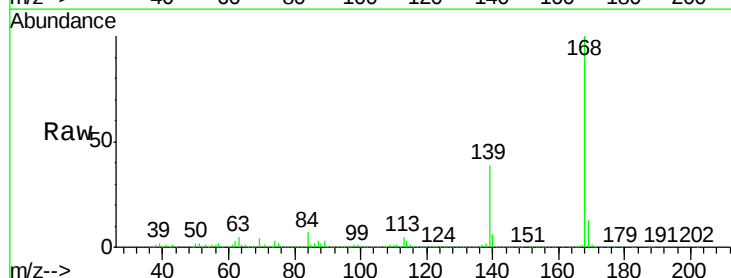
Instrument :
BNA_F
ClientSampled :

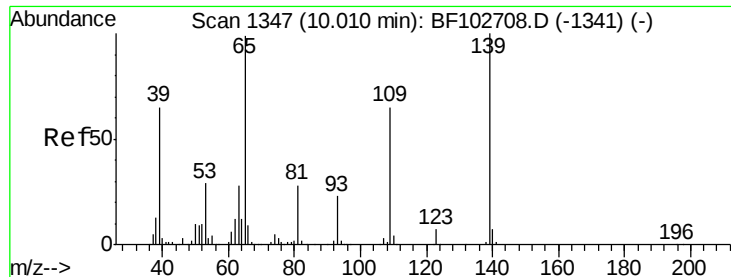
Tot Ion:184 Resp: 28924
Ion Ratio Lower Upper
184 100
63 76.2 54.2 81.2
154 65.5 184.0 276.0#



#54
Dibenzofuran
Concen: 33.965 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BF103140.D
Acq: 21 Feb 2018 16:59

Tgt Ion:168 Resp: 909441
Ion Ratio Lower Upper
168 100
139 38.7 30.1 45.1
169 13.1 10.9 16.3

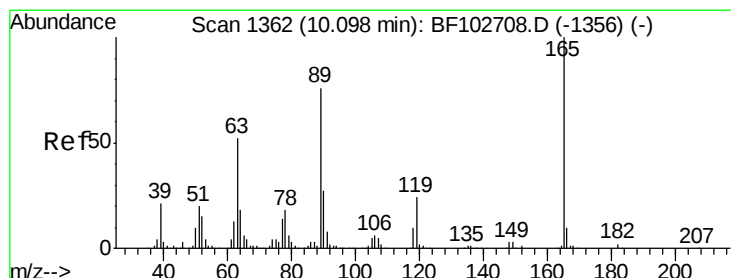
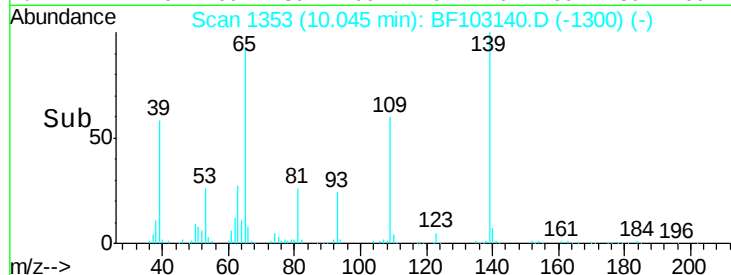
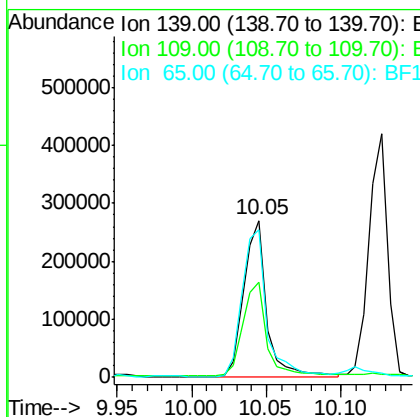
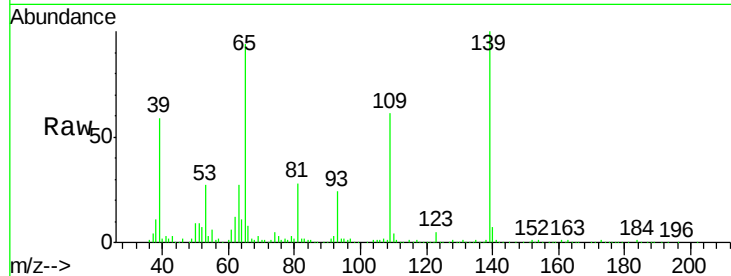




#55
4-Nitrophenol
Concen: 62.953 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF103140.D
Acq: 21 Feb 2018 16:59

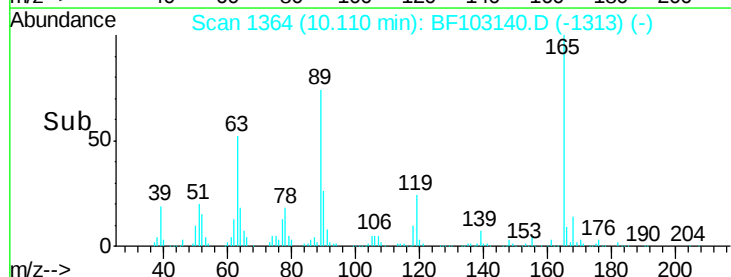
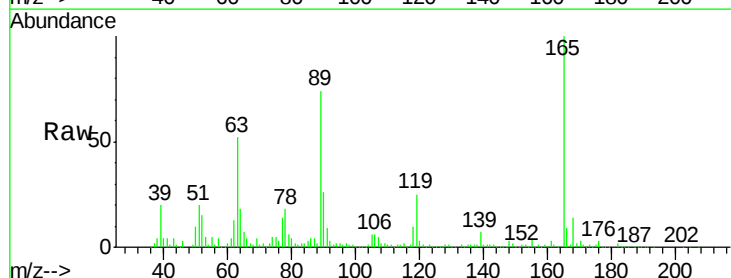
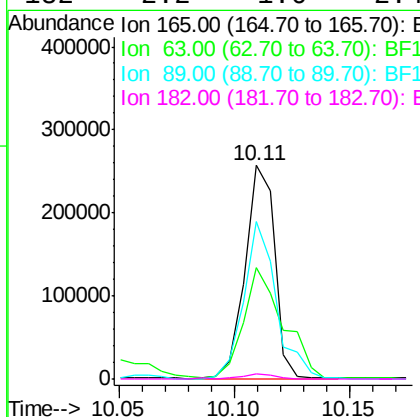
Instrument :
BNA_F
ClientSampleId :

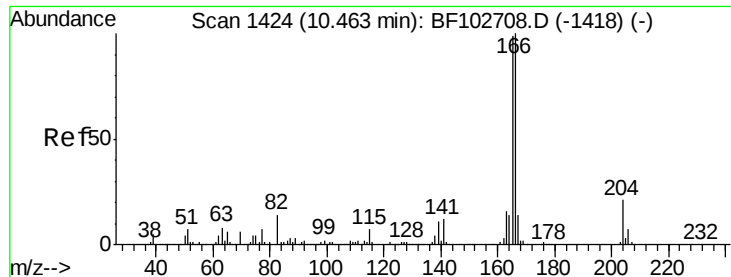
Tot Ion	Ratio	Lower	Upper
139	100		
109	60.7	48.4	88.4
65	93.7	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 38.314 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF103140.D
Acq: 21 Feb 2018 16:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.9	36.4	54.6
89	73.6	57.8	86.6
182	2.2	1.6	2.4





#57

Fluorene

Concen: 34.504 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BF103140.D

Acq: 21 Feb 2018 16:59

Instrument :

BNA_F

ClientSampled :

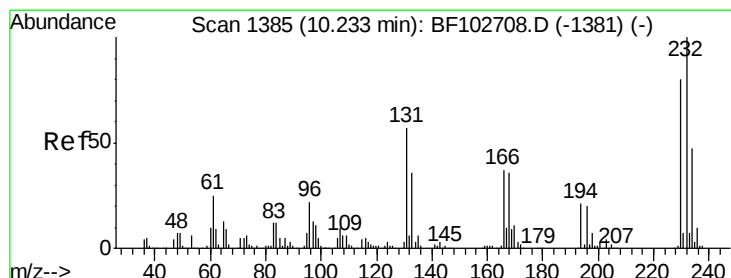
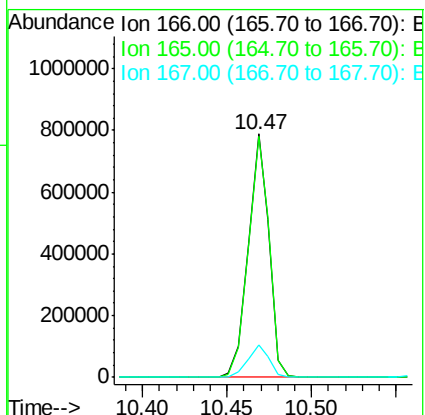
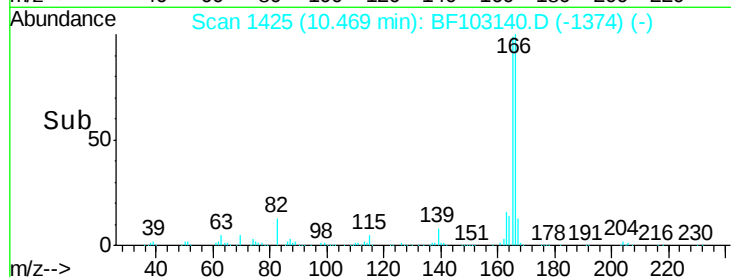
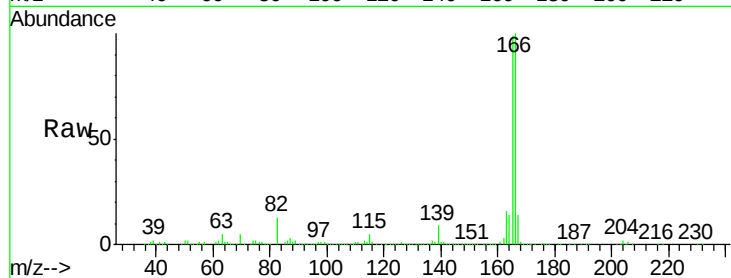
Tot Ion:166 Resp: 672204

Ion Ratio Lower Upper

166 100

165 98.8 79.8 119.8

167 13.5 10.6 16.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.079 ng

RT: 10.25 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BF103140.D

Acq: 21 Feb 2018 16:59

Tgt Ion:232 Resp: 159803

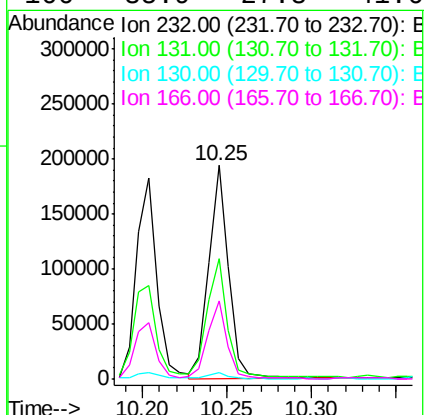
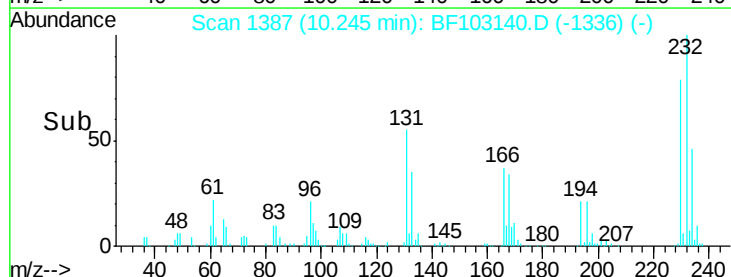
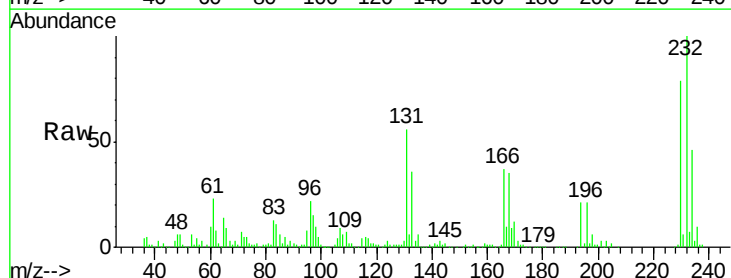
Ion Ratio Lower Upper

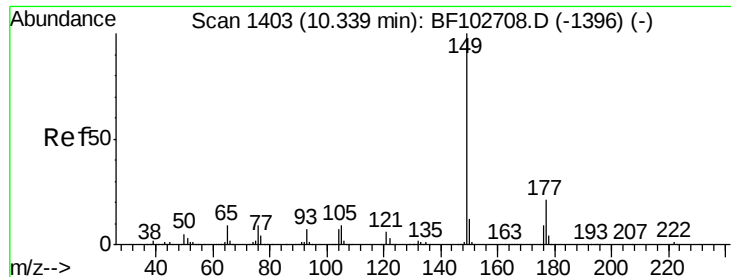
232 100

131 56.2 43.8 65.8

130 3.0 2.1 3.1

166 35.9 27.8 41.6

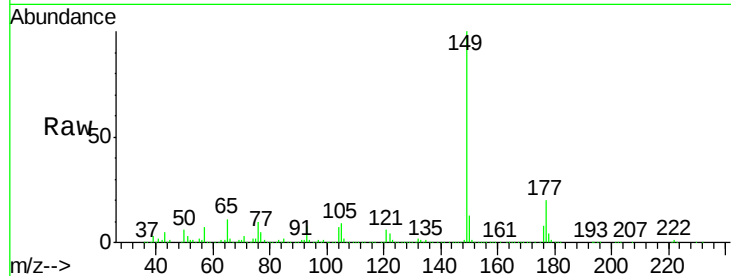




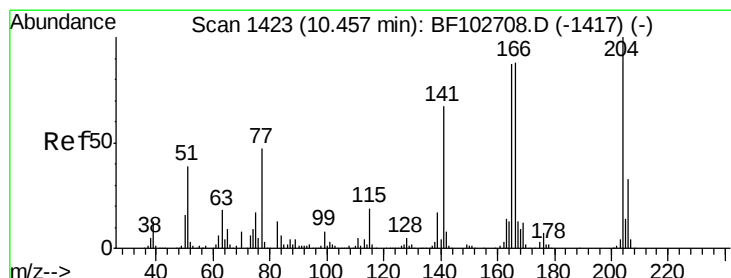
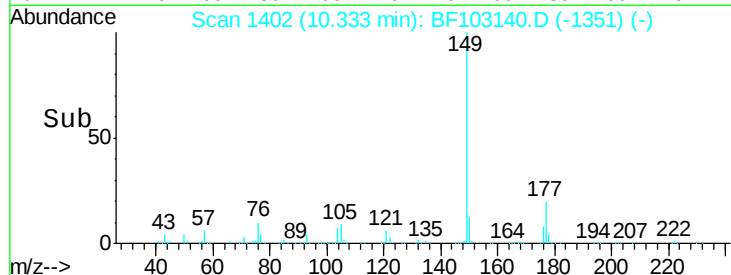
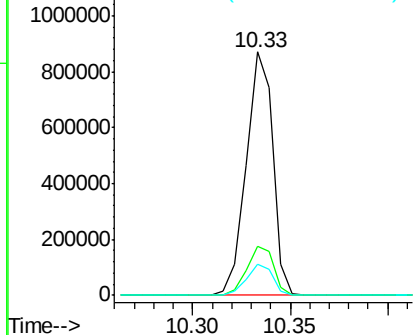
#59
Diethylphthalate
Concen: 34.427 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF103140.D
Acq: 21 Feb 2018 16:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 817644
Ion Ratio Lower Upper
149 100
177 20.4 16.1 24.1
150 12.7 10.1 15.1

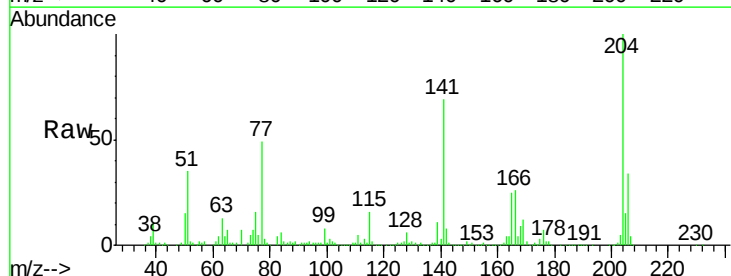


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

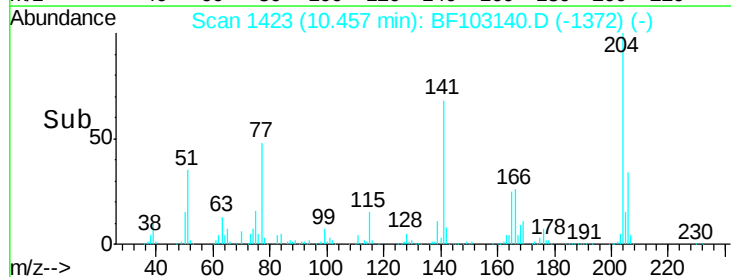
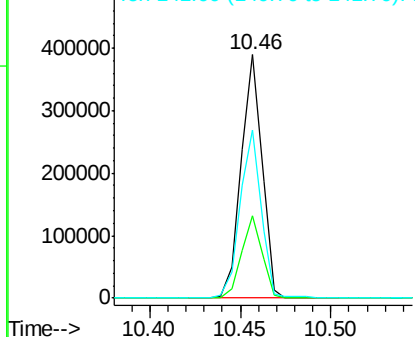


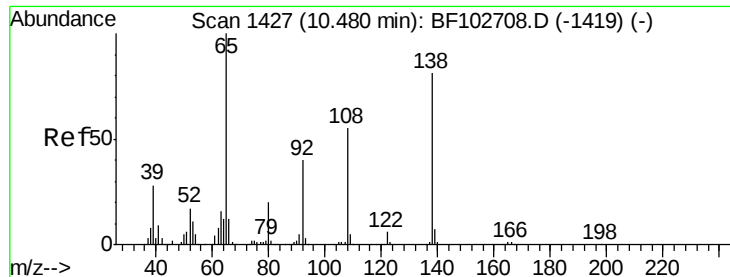
#60
4-Chlorophenyl-phenylether
Concen: 36.150 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF103140.D
Acq: 21 Feb 2018 16:59

Tgt Ion:204 Resp: 311546
Ion Ratio Lower Upper
204 100
206 33.8 26.5 39.7
141 69.0 54.6 81.8



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

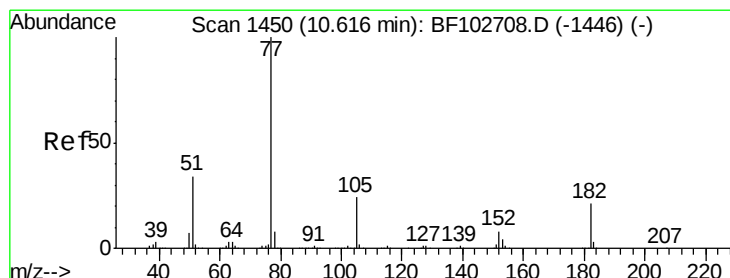
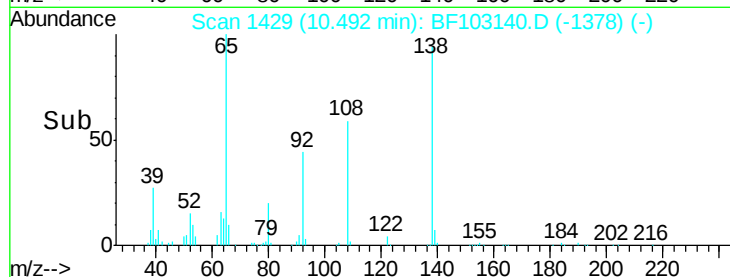
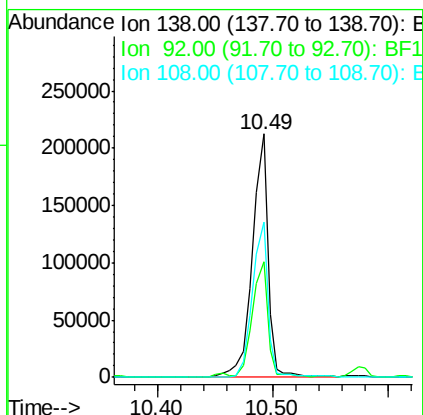
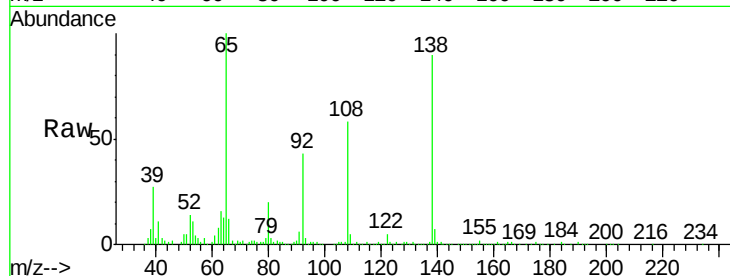




#61
4-Nitroaniline
Concen: 37.597 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF103140.D
Acq: 21 Feb 2018 16:59

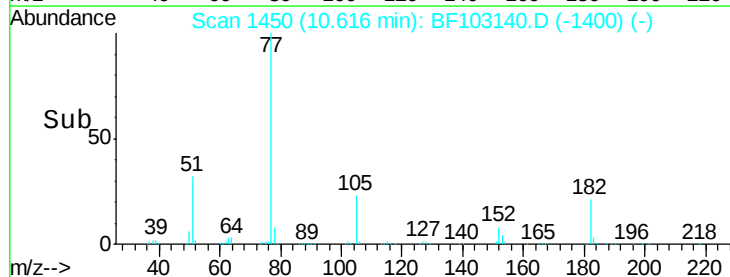
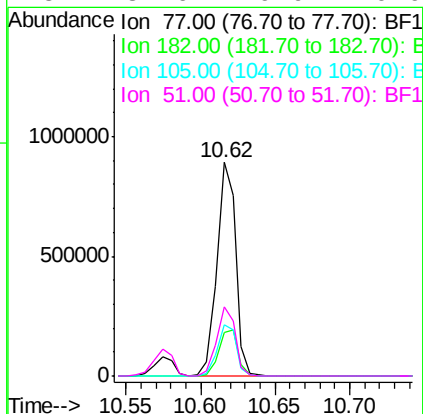
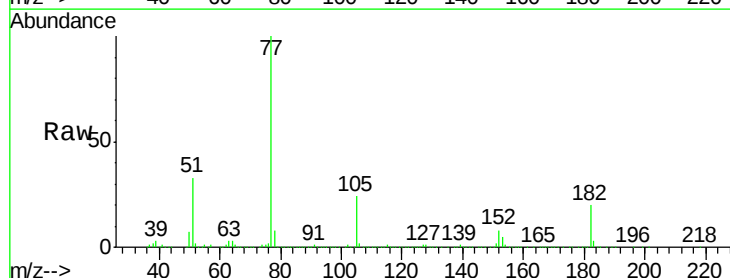
Instrument :
BNA_F
ClientSampleId :

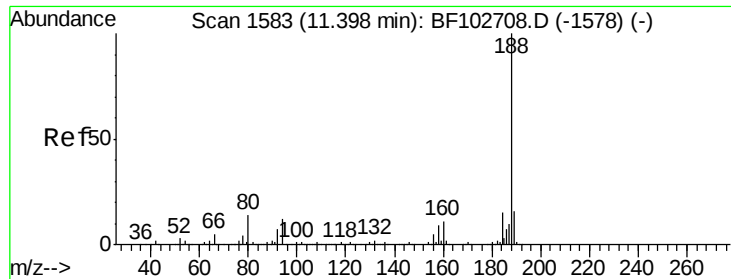
Tot Ion:138 Resp: 201508
Ion Ratio Lower Upper
138 100
92 47.4 30.2 70.2
108 64.0 52.5 92.5



#62
Azobenzene
Concen: 32.873 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF103140.D
Acq: 21 Feb 2018 16:59

Tgt Ion: 77 Resp: 779980
Ion Ratio Lower Upper
77 100
182 20.4 1.7 41.7
105 24.1 3.0 43.0
51 32.6 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BF103140.D

Acq: 21 Feb 2018 16:59

Instrument :

BNA_F

ClientSampleId :

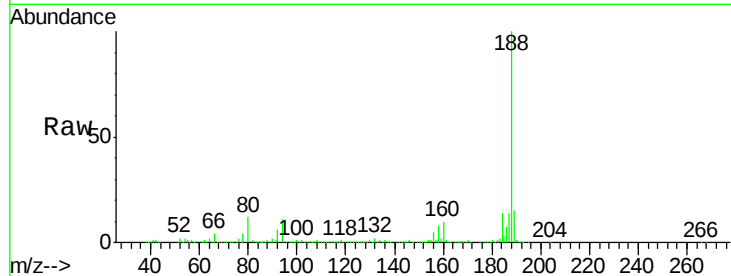
Tot Ion:188 Resp: 435603

Ion Ratio Lower Upper

188 100

94 11.2 8.5 12.7

80 11.8 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

600000

500000

400000

300000

200000

100000

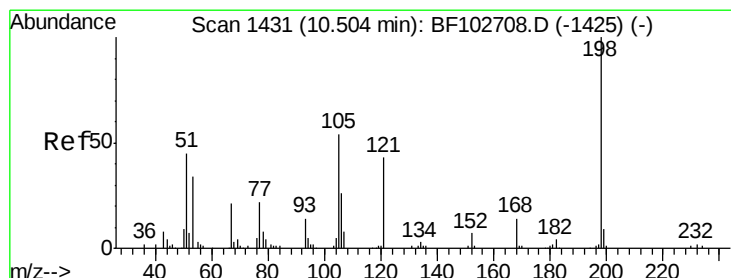
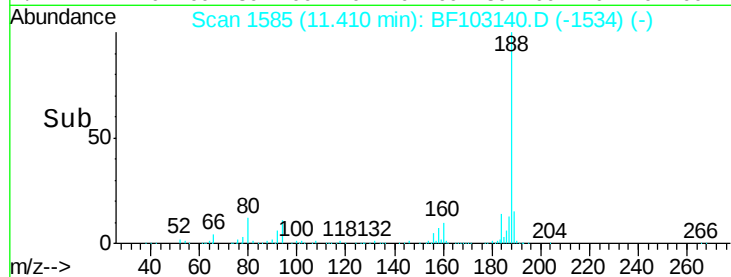
0

11.35

11.40

11.45

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 22.120 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BF103140.D

Acq: 21 Feb 2018 16:59

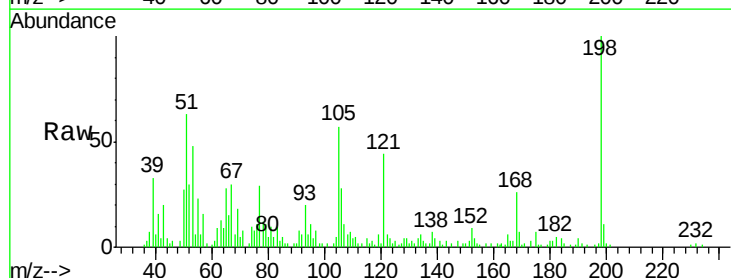
Tgt Ion:198 Resp: 27255

Ion Ratio Lower Upper

198 100

51 62.5 37.7 77.7

105 57.2 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

400000

300000

200000

100000

0

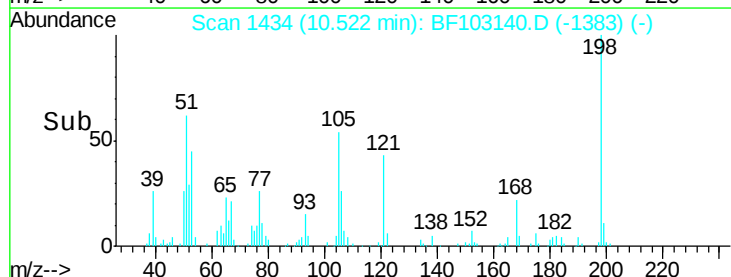
10.50

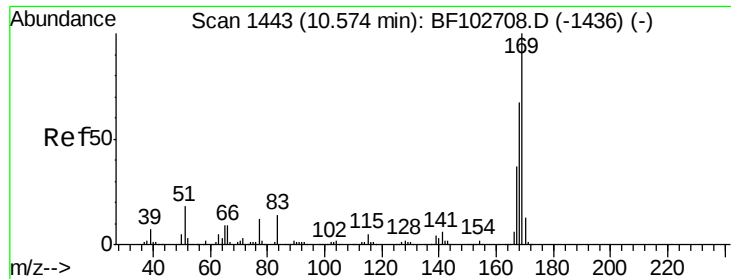
10.52

10.55

10.60

Time-->





#65

n-Nitrosodiphenylamine

Concen: 41.028 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF103140.D

Acq: 21 Feb 2018 16:59

Instrument :

BNA_F

ClientSampleId :

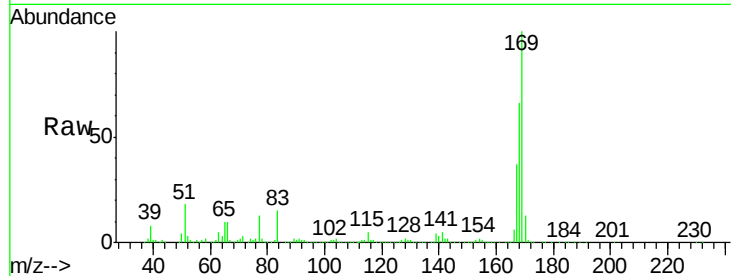
Tot Ion:169 Resp: 630403

Ion Ratio Lower Upper

169 100

168 66.4 54.4 81.6

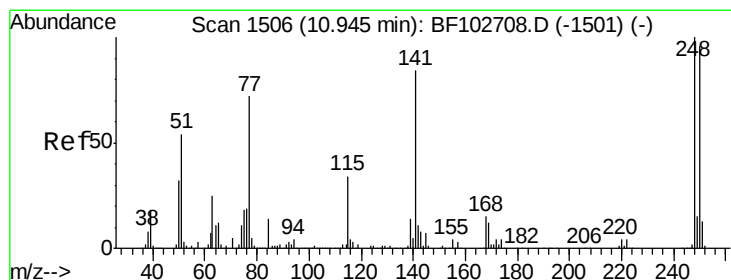
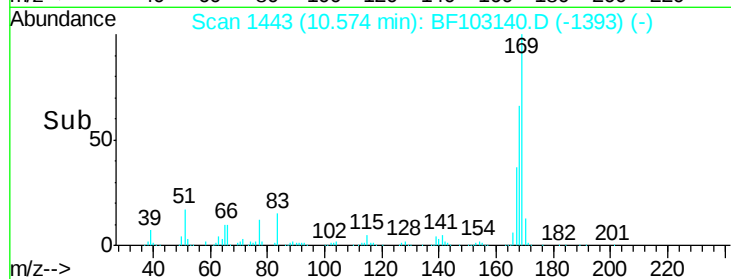
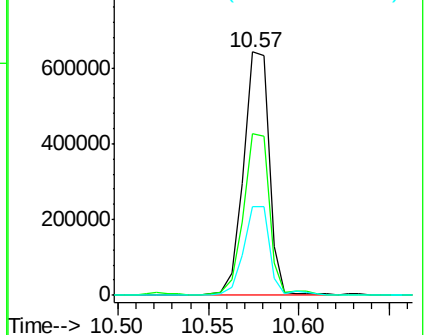
167 36.6 29.8 44.6



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: 39.116 ng

RT: 10.95 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BF103140.D

Acq: 21 Feb 2018 16:59

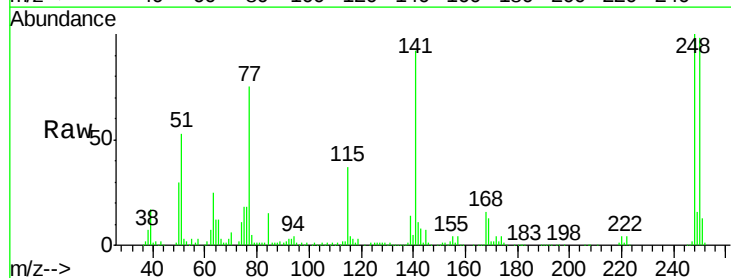
Tgt Ion:248 Resp: 180240

Ion Ratio Lower Upper

248 100

250 97.8 76.9 115.3

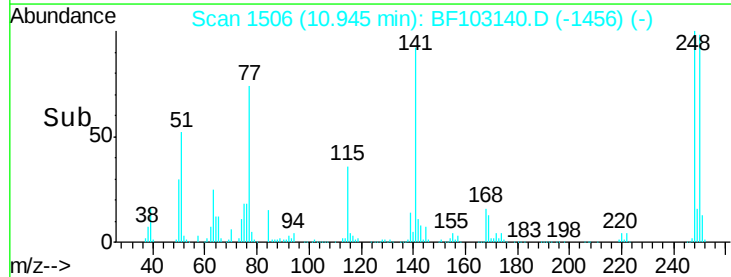
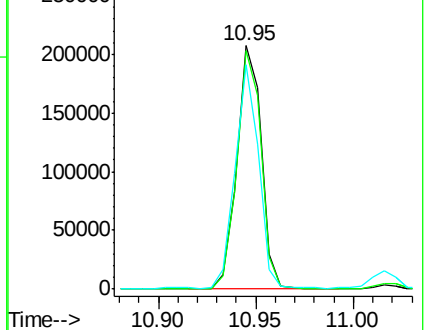
141 92.1 74.4 111.6

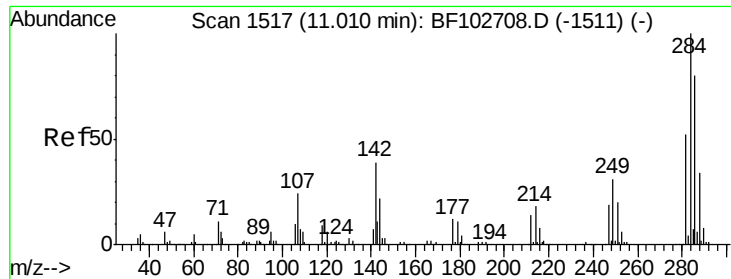


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

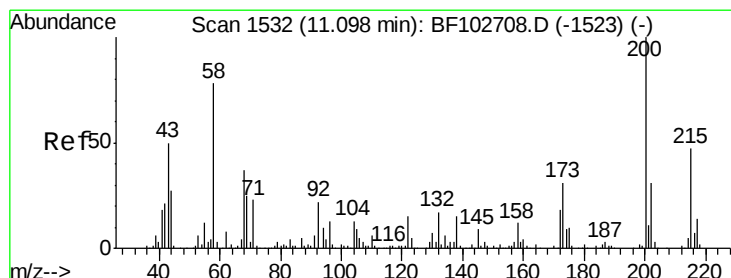
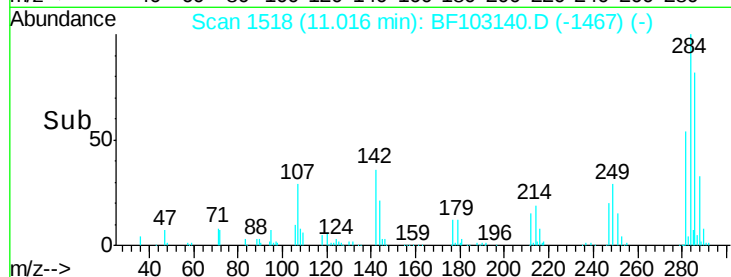
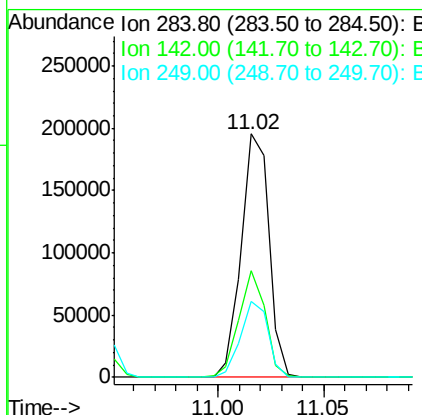
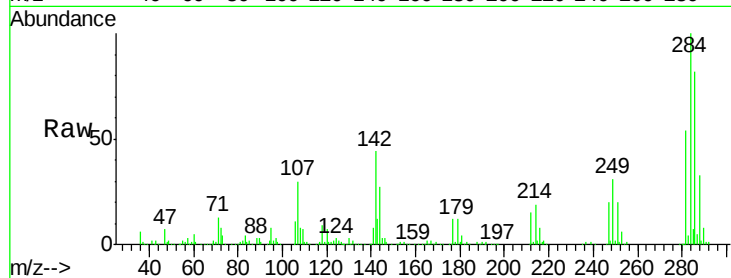




#67
Hexachlorobenzene
Concen: 35.098 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF103140.D
Acq: 21 Feb 2018 16:59

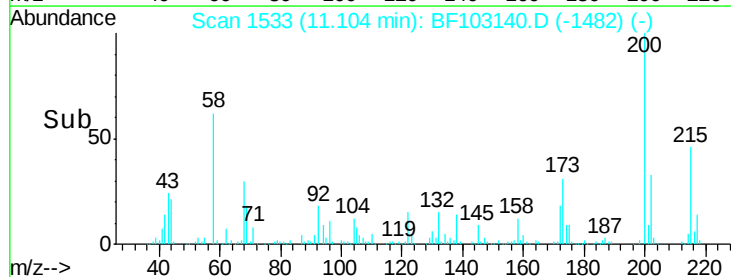
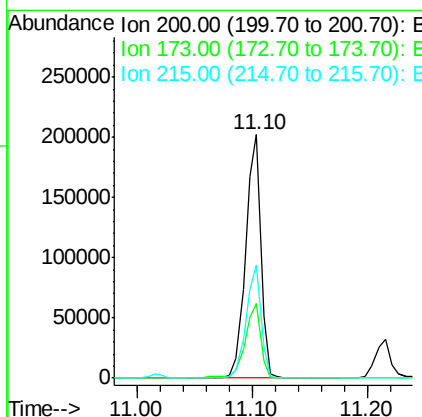
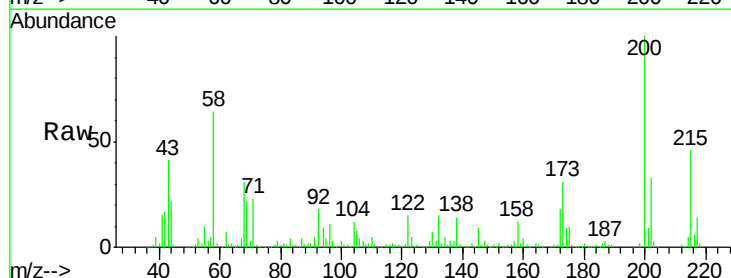
Instrument :
BNA_F
ClientSampled :

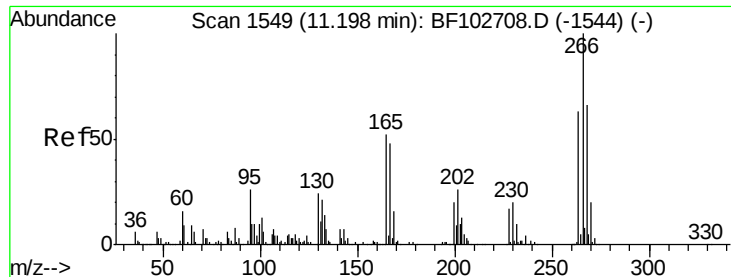
Tot Ion:284 Resp: 178414
Ion Ratio Lower Upper
284 100
142 44.0 34.6 52.0
249 31.3 24.8 37.2



#68
Atrazine
Concen: 40.699 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF103140.D
Acq: 21 Feb 2018 16:59

Tgt Ion:200 Resp: 184484
Ion Ratio Lower Upper
200 100
173 30.9 8.6 48.6
215 46.2 25.1 65.1





#69

Pentachlorophenol

Concen: 56.001 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.01 min

Lab File: BF103140.D

Acq: 21 Feb 2018 16:59

Instrument :

BNA_F

ClientSampleId :

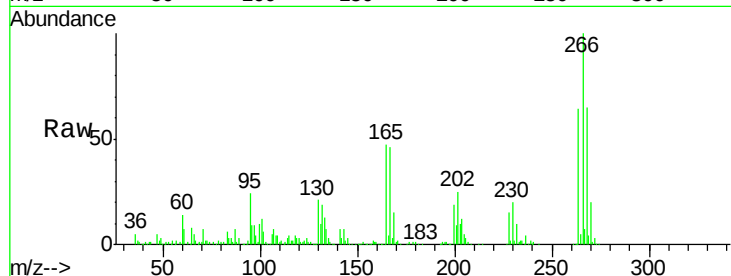
Tot Ion:266 Resp: 167107

Ion Ratio Lower Upper

266 100

268 64.9 51.1 76.7

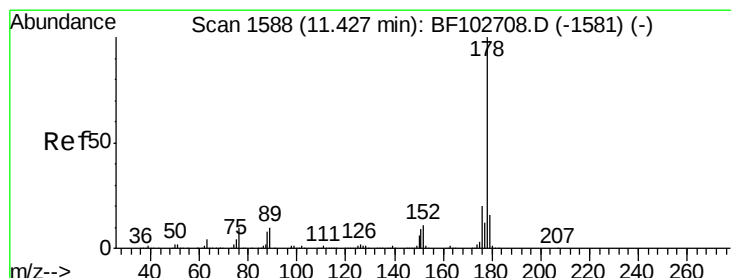
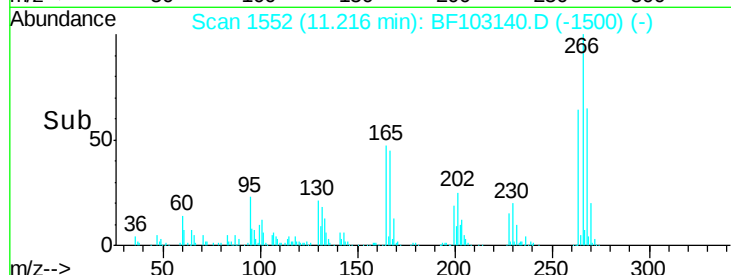
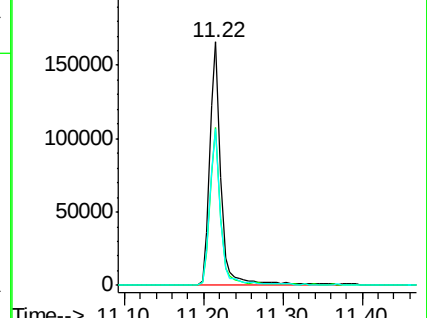
264 64.1 49.5 74.3



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: 34.649 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BF103140.D

Acq: 21 Feb 2018 16:59

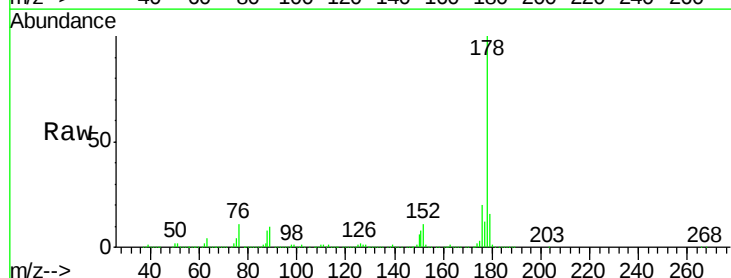
Tgt Ion:178 Resp: 840588

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.8

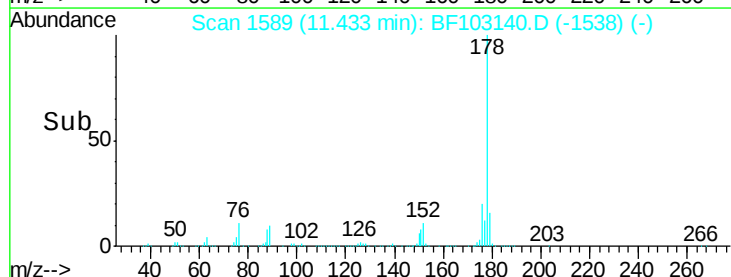
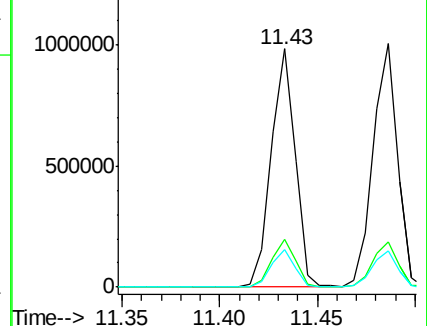
179 16.0 13.0 19.6

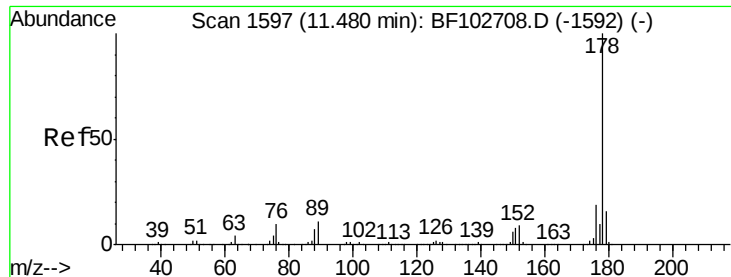


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

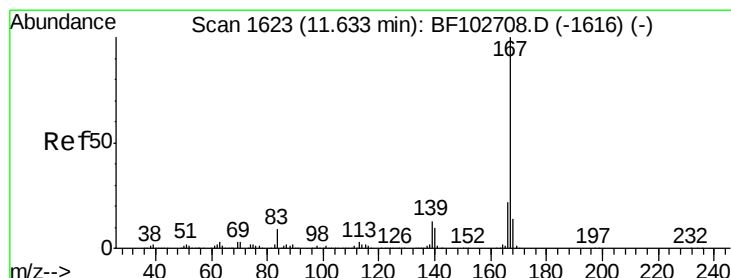
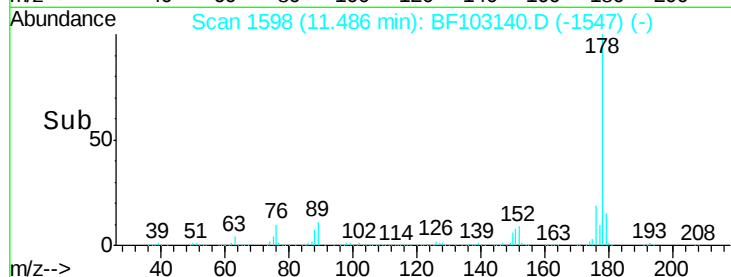
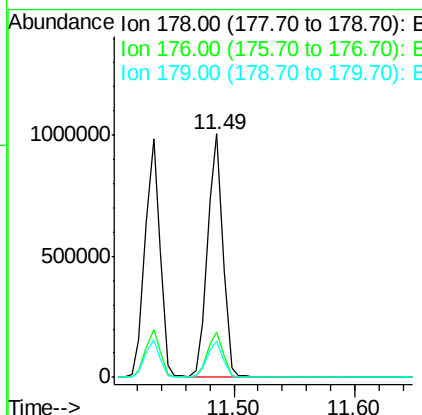
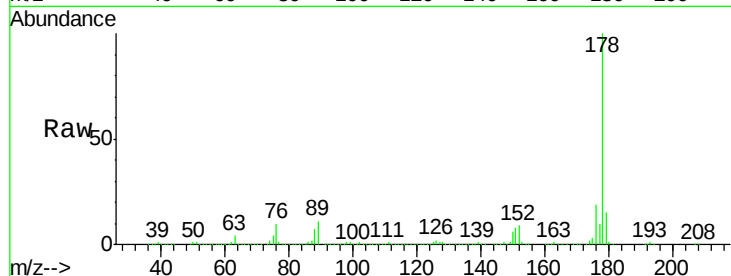




#71
 Anthracene
 Concen: 35.624 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF103140.D
 Acq: 21 Feb 2018 16:59

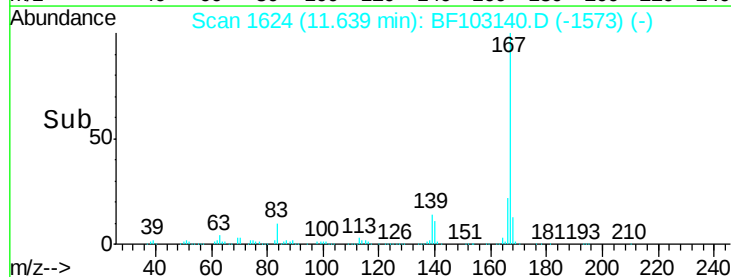
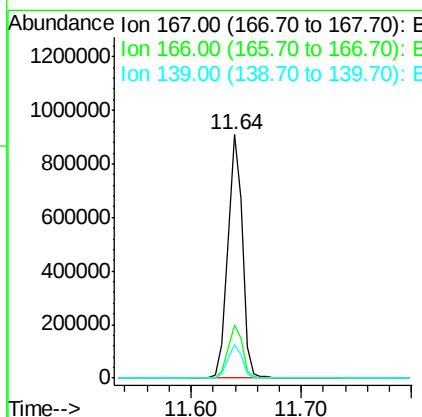
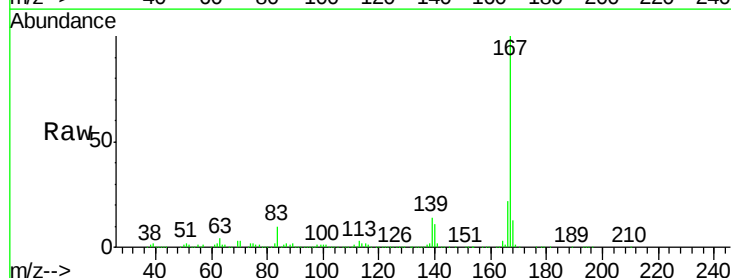
Instrument :
 BNA_F
 ClientSampleId :

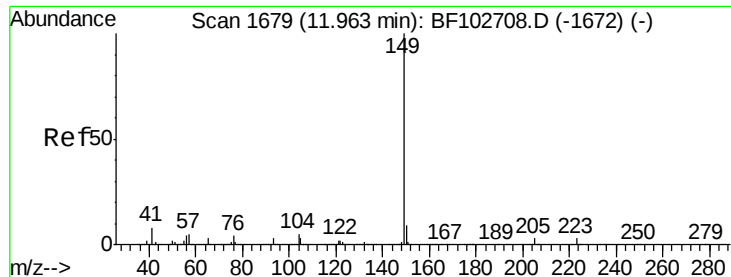
Tot Ion:178 Resp: 879012
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.1 12.6 19.0



#72
 Carbazole
 Concen: 34.855 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF103140.D
 Acq: 21 Feb 2018 16:59

Tgt Ion:167 Resp: 842576
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 14.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.986 ng

RT: 11.96 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BF103140.D

Acq: 21 Feb 2018 16:59

Instrument :

BNA_F

ClientSampleId :

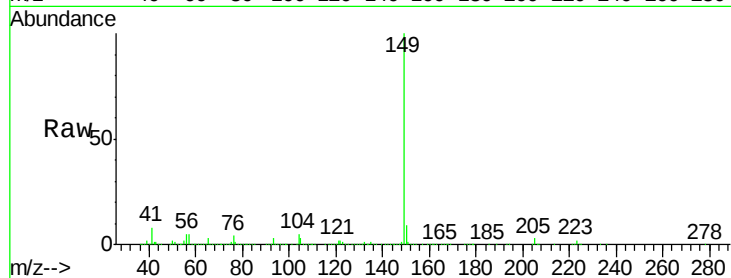
Tot Ion:149 Resp: 1115443

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

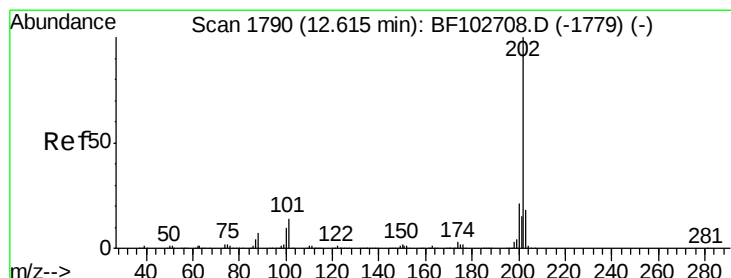
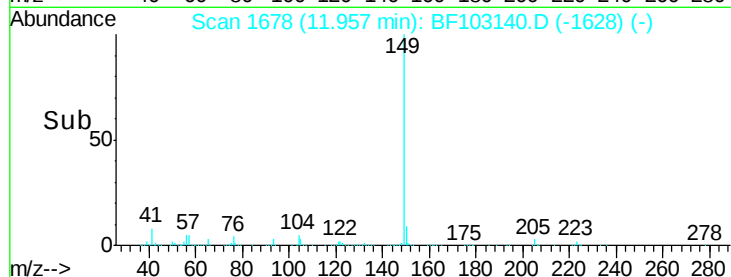
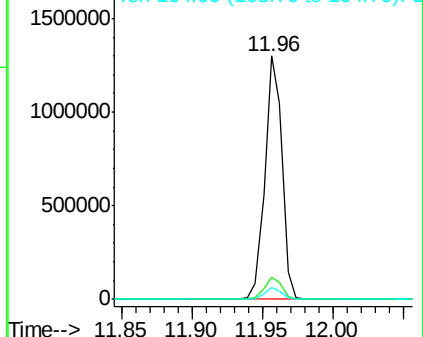
104 4.7 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 32.077 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF103140.D

Acq: 21 Feb 2018 16:59

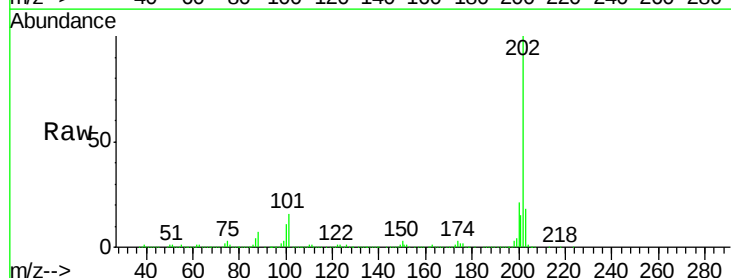
Tgt Ion:202 Resp: 782950

Ion Ratio Lower Upper

202 100

101 15.9 0.0 34.1

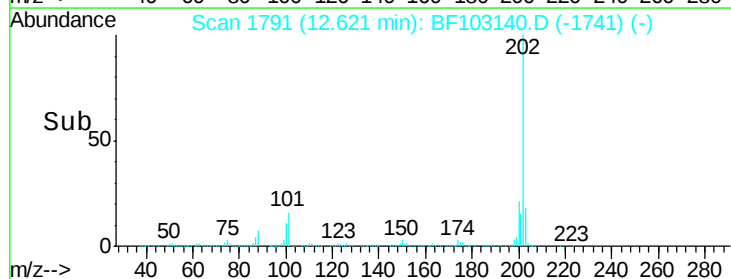
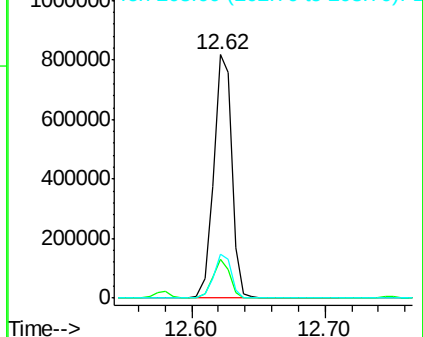
203 17.9 0.0 38.1

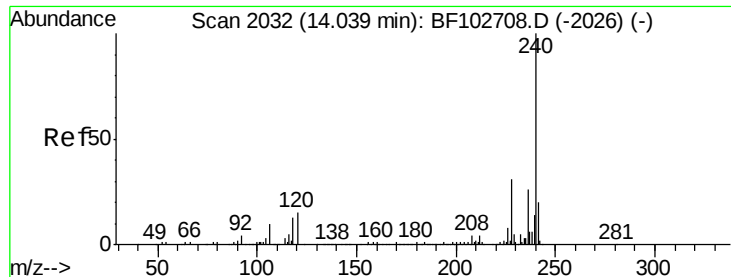


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

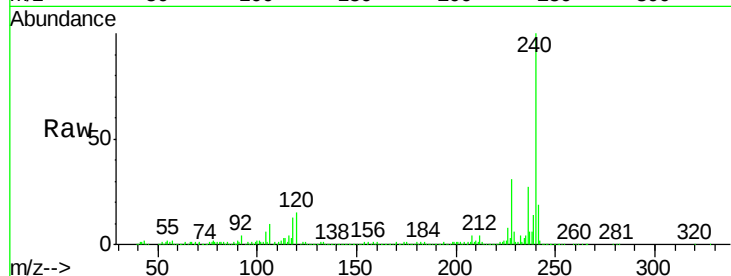




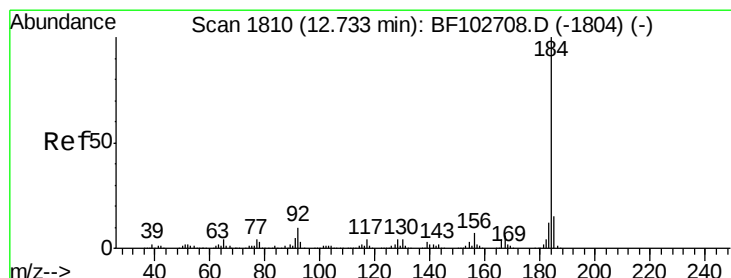
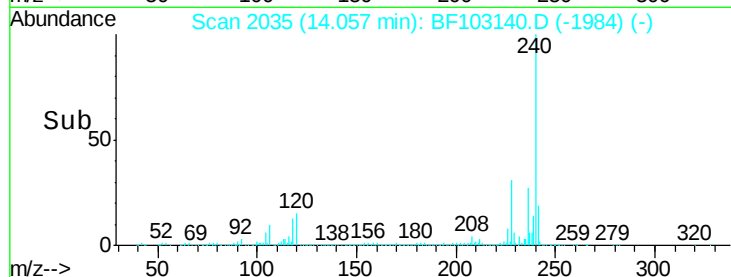
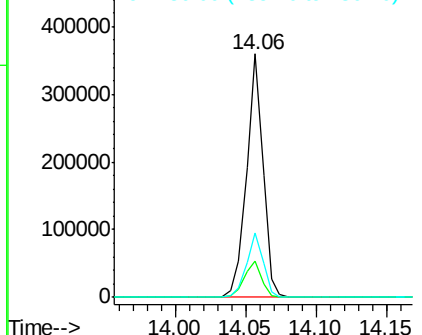
#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BF103140.D
 Acq: 21 Feb 2018 16:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 295584
 Ion Ratio Lower Upper
 240 100
 120 14.7 9.5 14.3#
 236 26.6 20.7 31.1

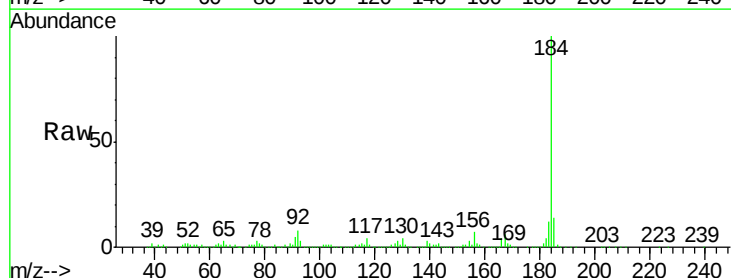


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

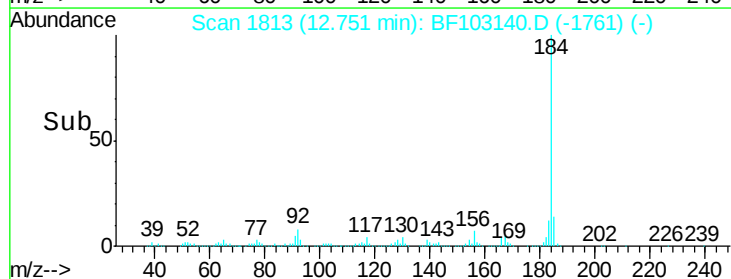
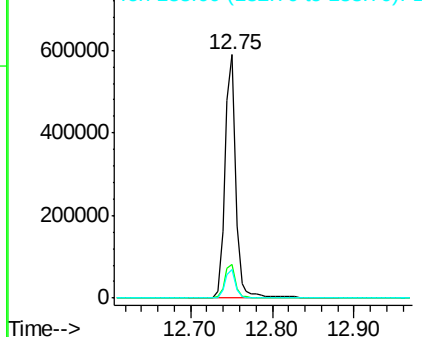


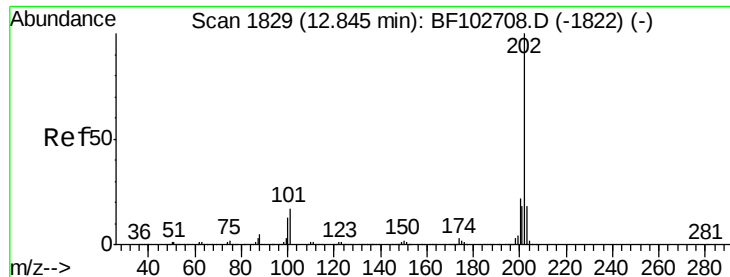
#76
 Benzidine
 Concen: 40.134 ng
 RT: 12.75 min Scan# 1813
 Delta R.T. 0.01 min
 Lab File: BF103140.D
 Acq: 21 Feb 2018 16:59

Tgt Ion:184 Resp: 545223
 Ion Ratio Lower Upper
 184 100
 185 13.9 12.6 18.8
 183 11.8 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: 33.983 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF103140.D

Acq: 21 Feb 2018 16:59

Instrument :

BNA_F

ClientSampleId :

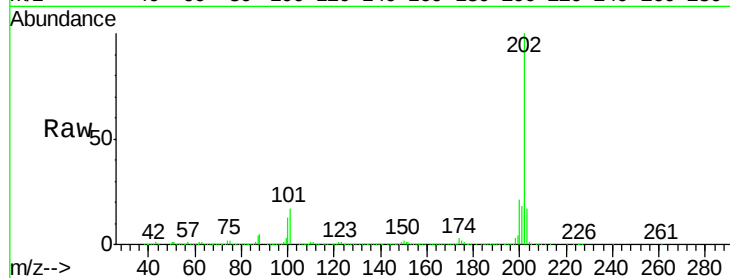
Tot Ion:202 Resp: 787679

Ion Ratio Lower Upper

202 100

200 21.3 17.4 26.2

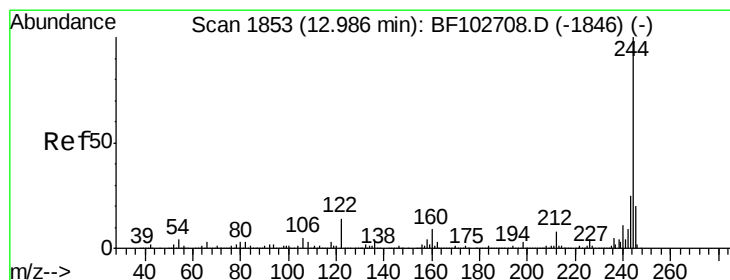
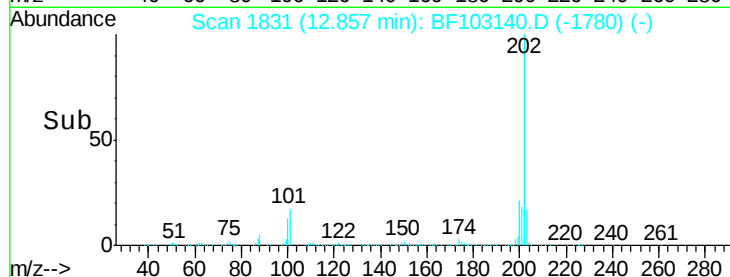
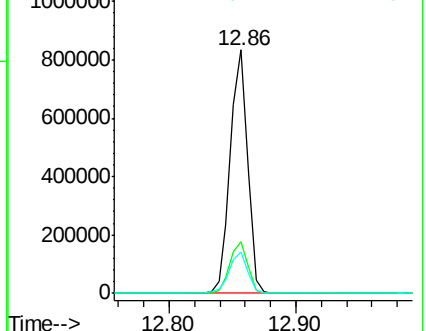
203 17.1 14.3 21.5



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: 75.913 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BF103140.D

Acq: 21 Feb 2018 16:59

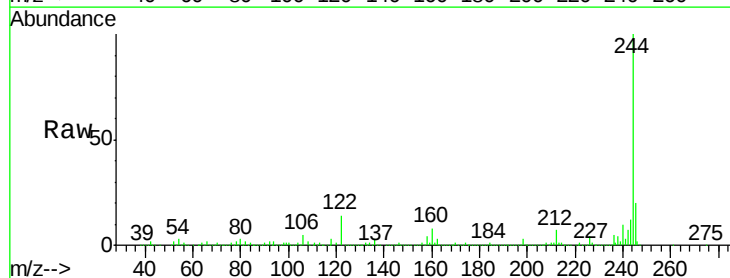
Tgt Ion:244 Resp: 947669

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

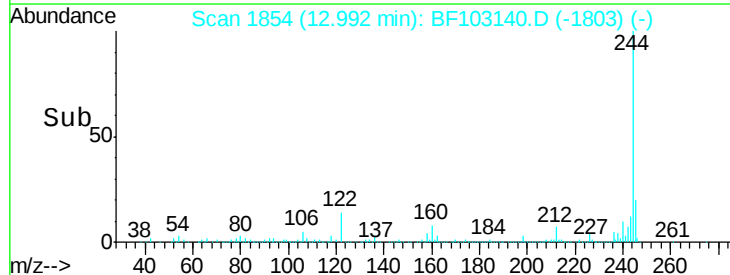
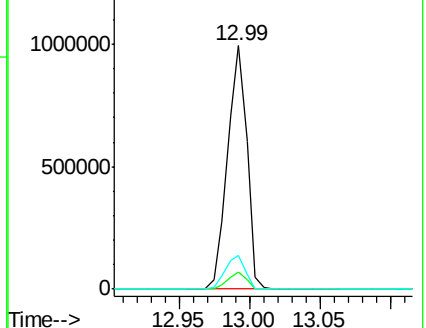
122 13.9 11.0 16.4

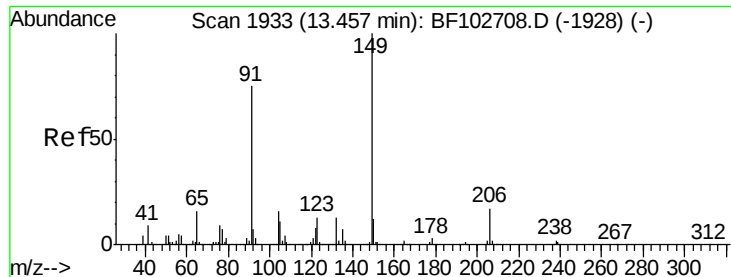


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

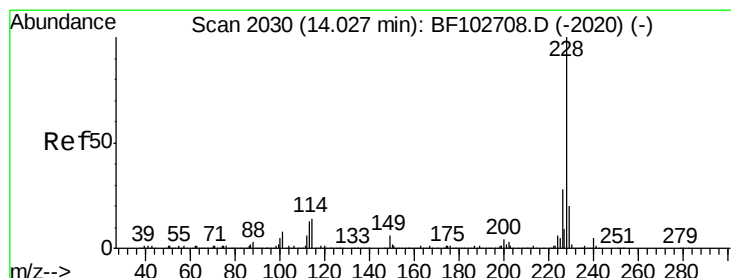
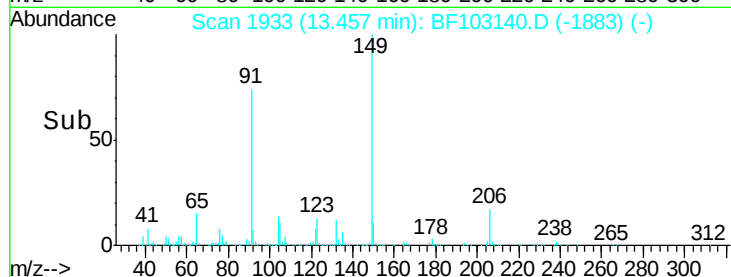
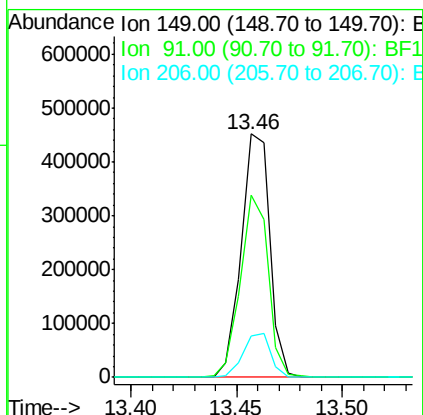
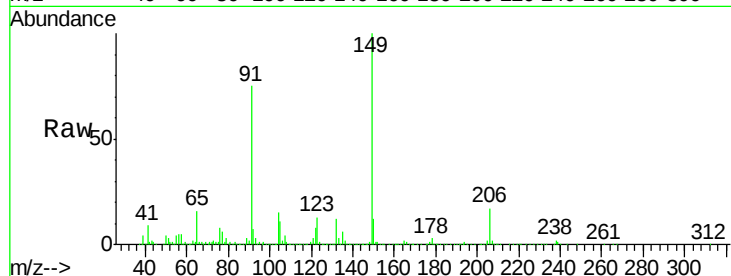




#79
Butylbenzylphthalate
Concen: 38.456 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BF103140.D
Acq: 21 Feb 2018 16:59

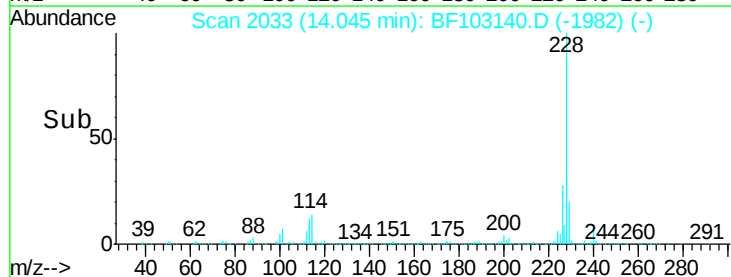
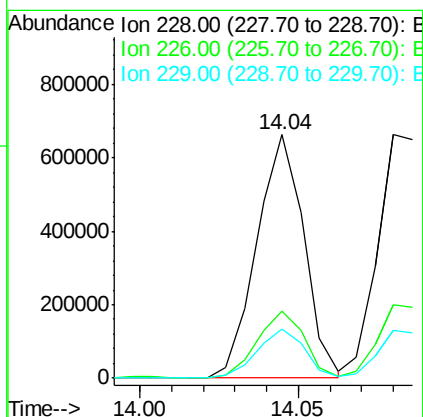
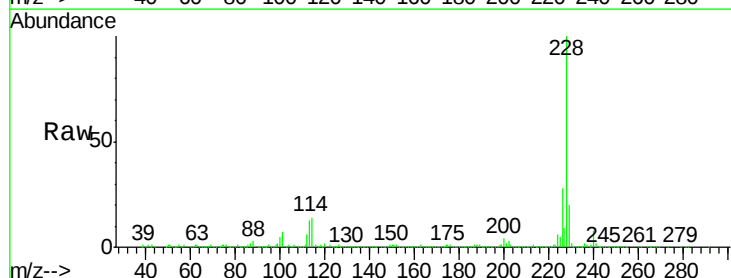
Instrument :
BNA_F
ClientSampleId :

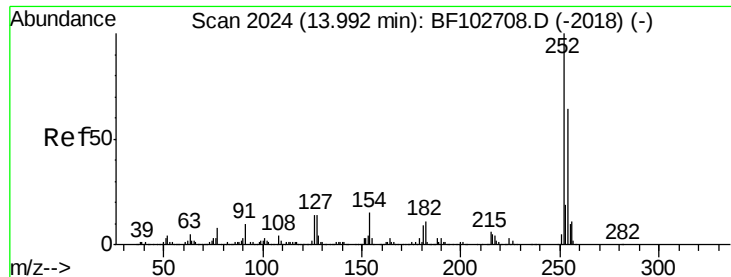
Tot Ion	Ratio	Lower	Upper
149	100		
91	74.9	56.8	85.2
206	17.0	14.1	21.1



#80
Benzo(a)anthracene
Concen: 36.920 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF103140.D
Acq: 21 Feb 2018 16:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	19.9	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 38.188 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BF103140.D

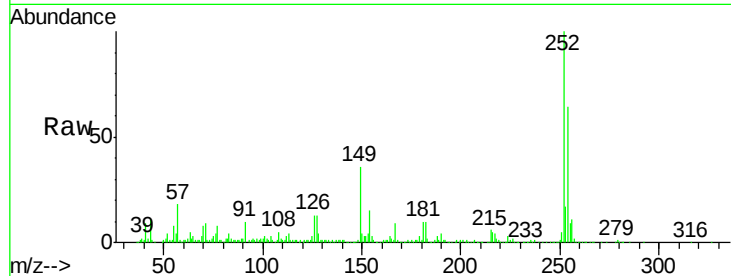
Acq: 21 Feb 2018 16:59

Instrument :

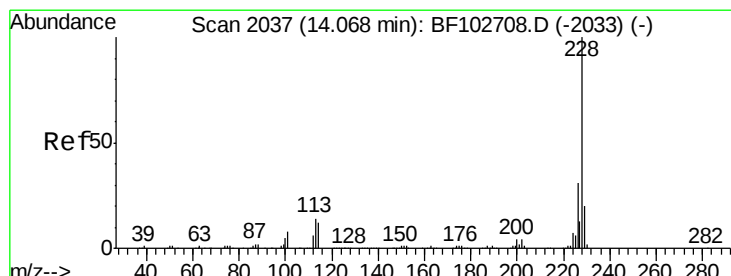
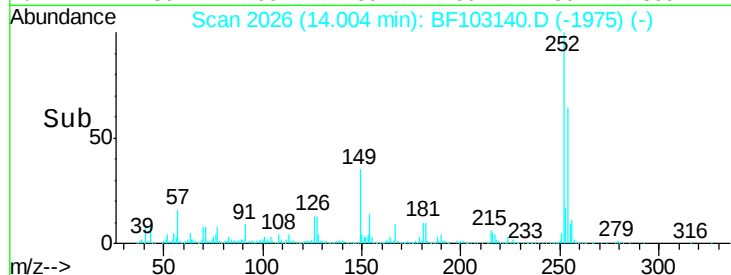
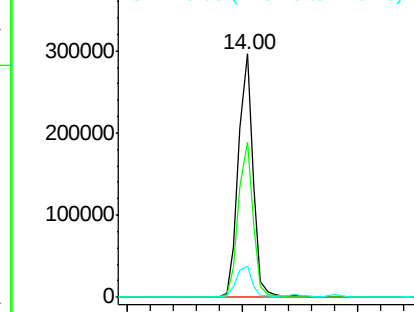
BNA_F

ClientSampleId :

Tot Ion:	252	Resp:	263213
Ion	Ratio	Lower	Upper
252	100		
254	63.9	50.4	75.6
126	12.9	11.3	16.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 34.962 ng

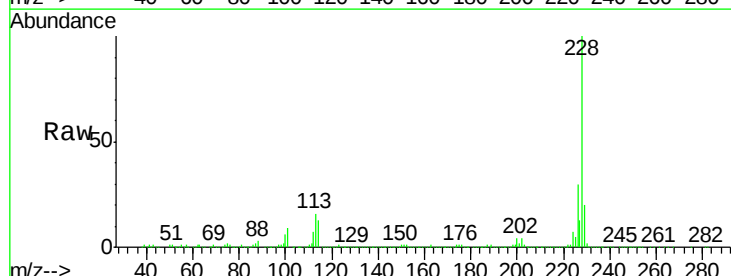
RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

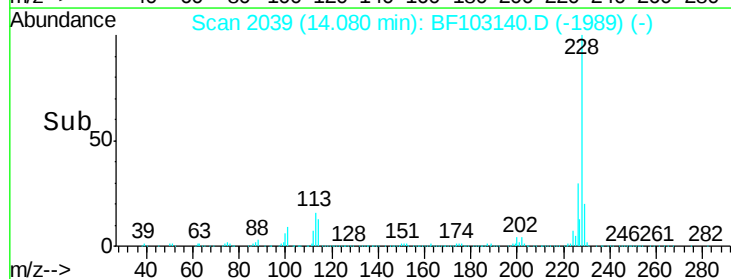
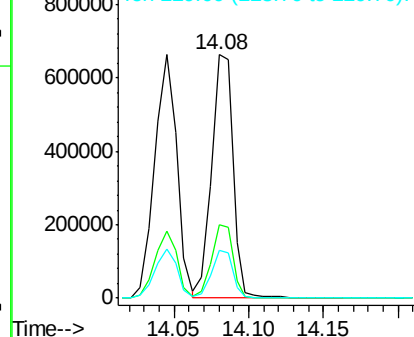
Lab File: BF103140.D

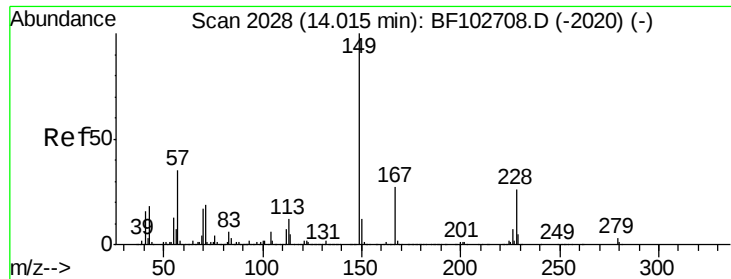
Acq: 21 Feb 2018 16:59

Tgt Ion:	228	Resp:	655155
Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	19.7	16.2	24.4



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

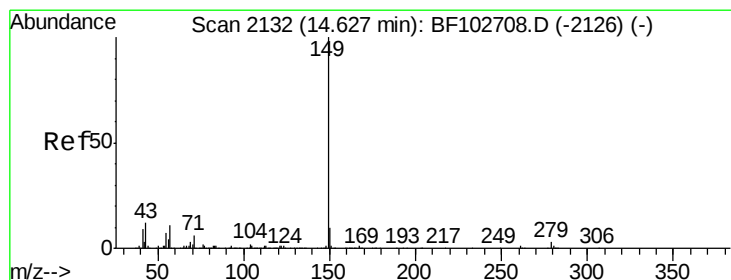
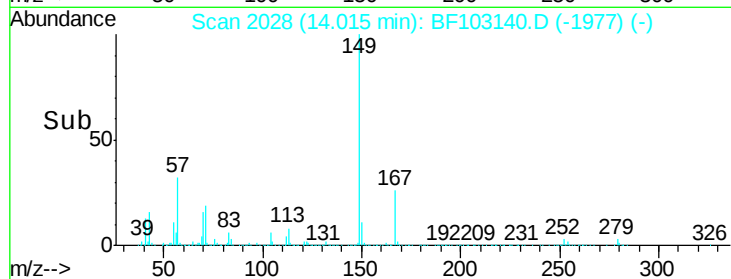
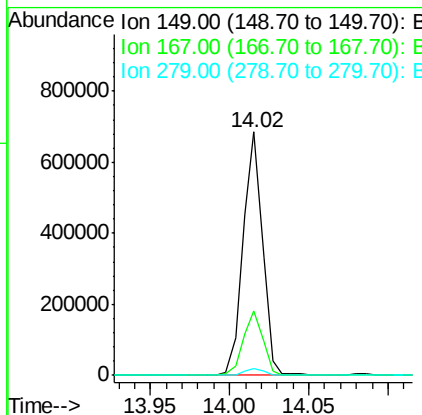
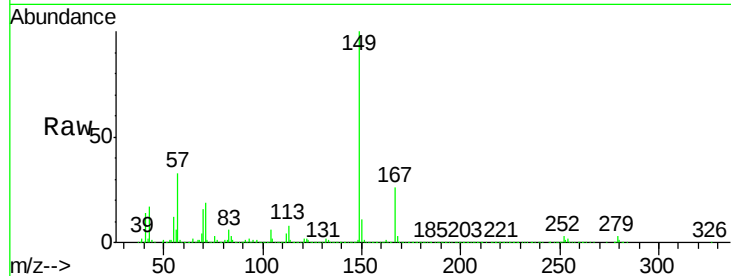




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.643 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BF103140.D
 Acq: 21 Feb 2018 16:59

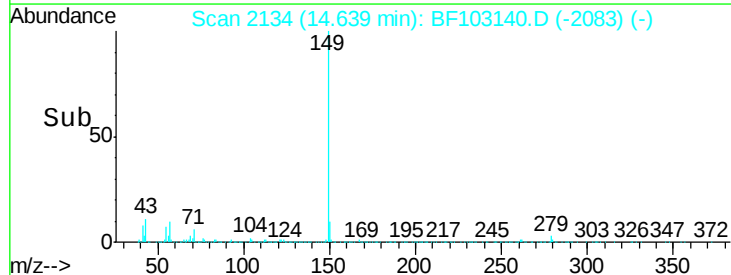
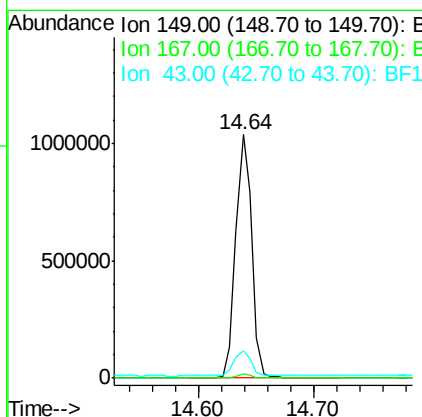
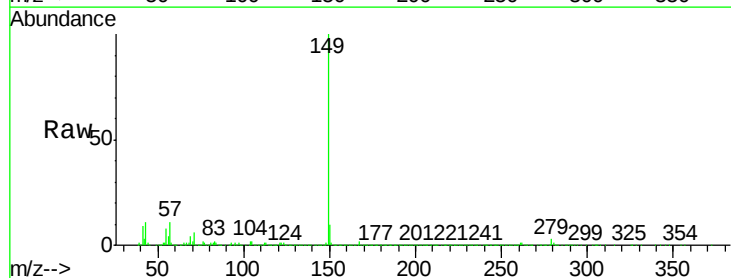
Instrument :
 BNA_F
 ClientSampleId :

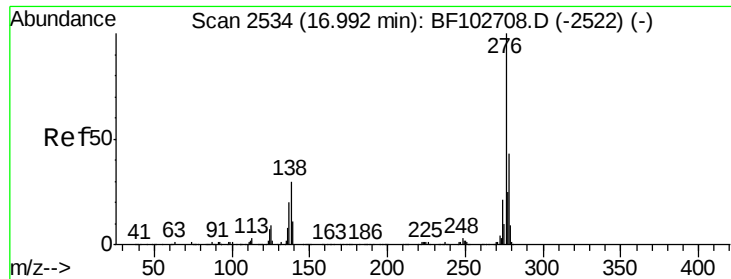
Tot Ion:149 Resp: 577083
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.3 31.9
 279 3.0 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 46.379 ng
 RT: 14.64 min Scan# 2134
 Delta R.T. -0.00 min
 Lab File: BF103140.D
 Acq: 21 Feb 2018 16:59

Tgt Ion:149 Resp: 988786
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 10.5 8.4 12.6

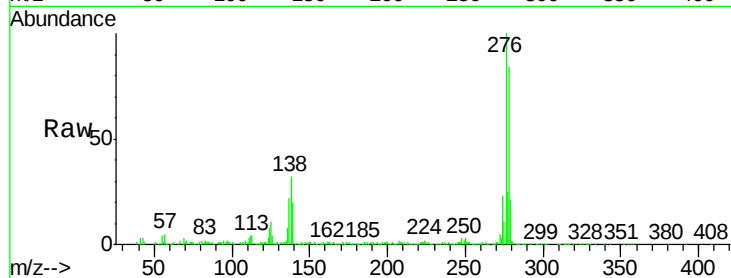




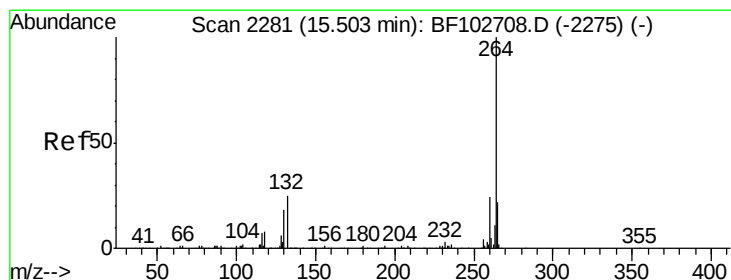
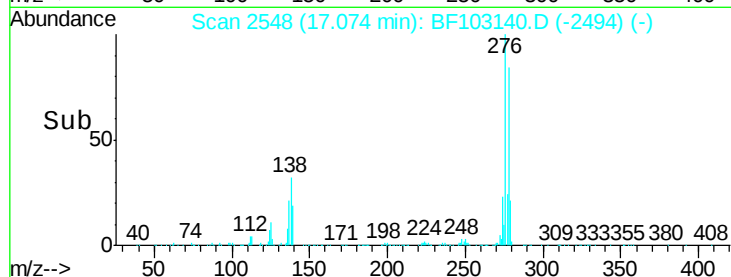
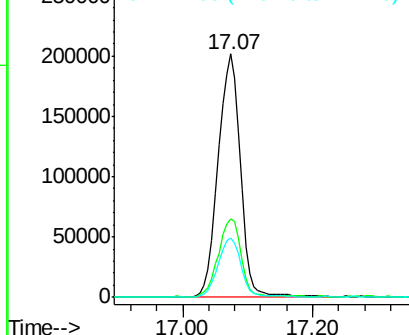
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.784 ng
 RT: 17.07 min Scan# 2548
 Delta R.T. 0.02 min
 Lab File: BF103140.D
 Acq: 21 Feb 2018 16:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.4	25.0	37.6
277	24.6	20.1	30.1

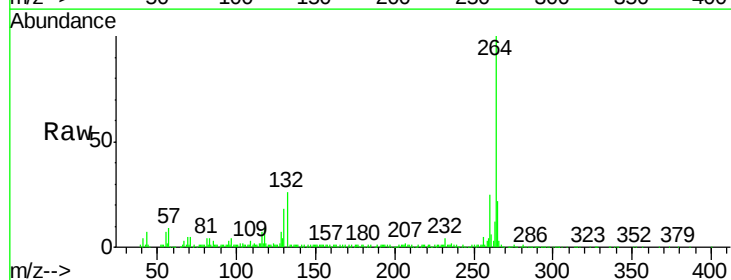


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

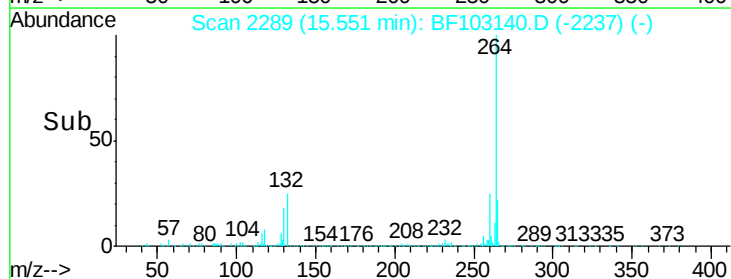
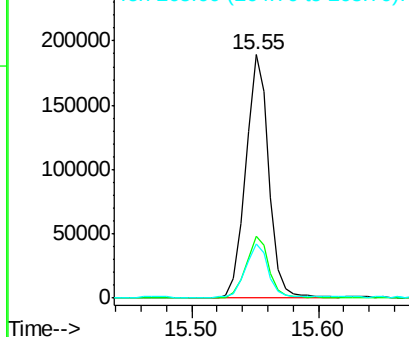


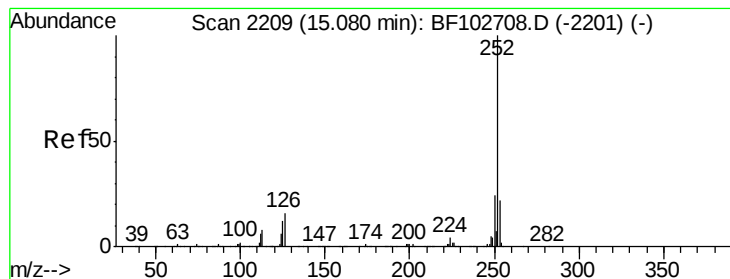
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.55 min Scan# 2289
 Delta R.T. 0.01 min
 Lab File: BF103140.D
 Acq: 21 Feb 2018 16:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.2	28.8
265	22.0	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 36.821 ng

RT: 15.12 min Scan# 2215

Delta R.T. 0.01 min

Lab File: BF103140.D

Acq: 21 Feb 2018 16:59

Instrument :

BNA_F

ClientSampleId :

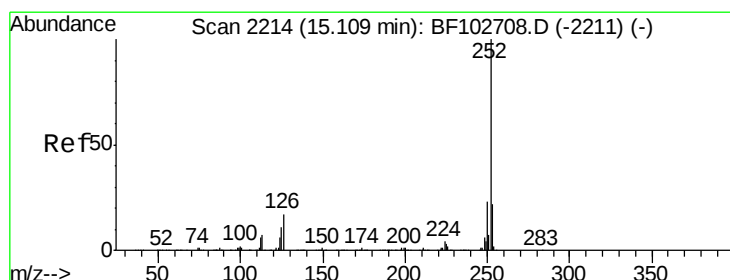
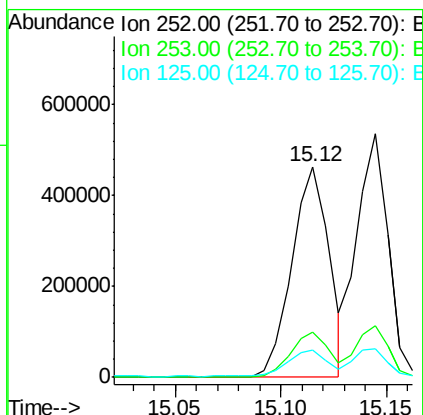
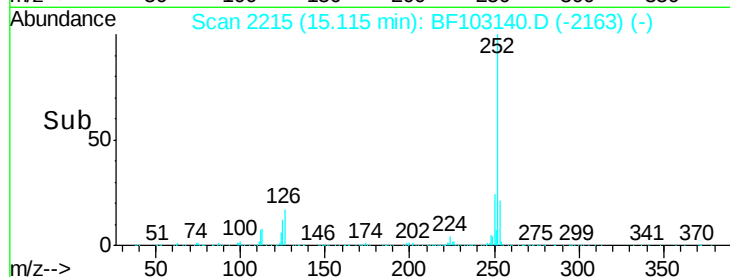
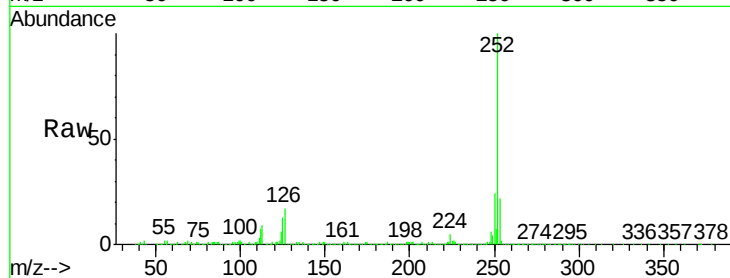
Tot Ion:252 Resp: 569997

Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.6

125 12.9 9.0 13.6



#88

Benzo(k)fluoranthene

Concen: 38.135 ng

RT: 15.14 min Scan# 2220

Delta R.T. 0.01 min

Lab File: BF103140.D

Acq: 21 Feb 2018 16:59

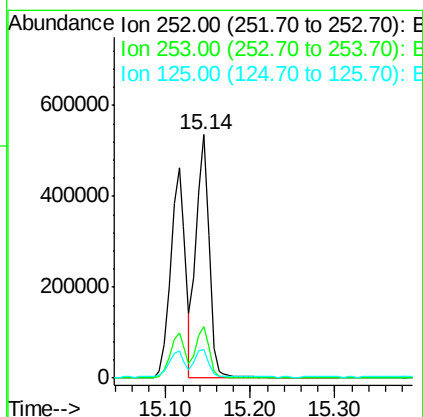
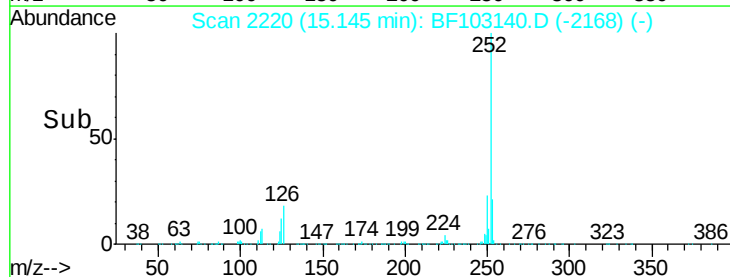
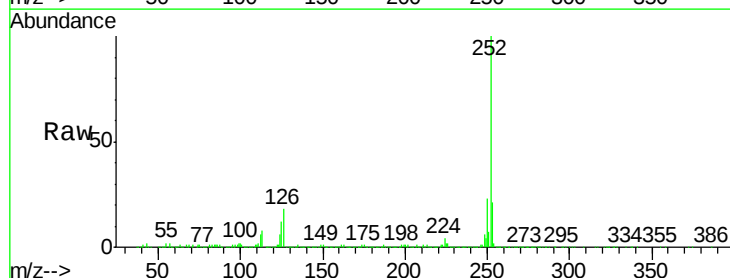
Tgt Ion:252 Resp: 564061

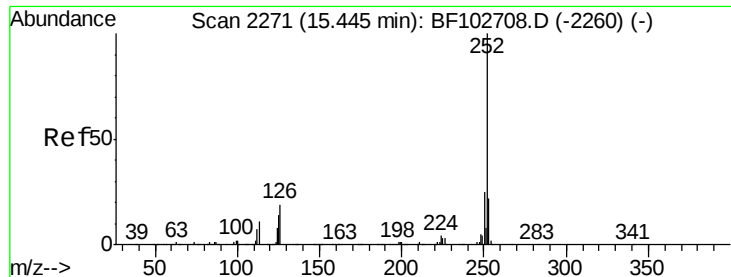
Ion Ratio Lower Upper

252 100

253 21.1 17.9 26.9

125 12.0 10.2 15.2

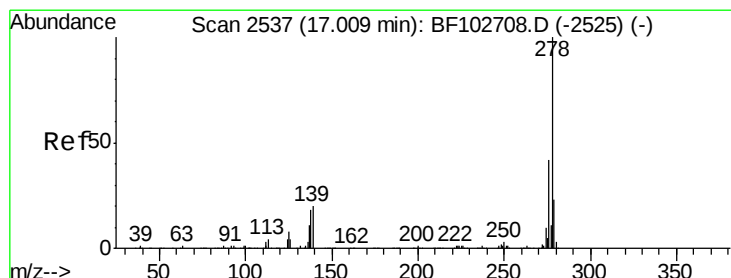
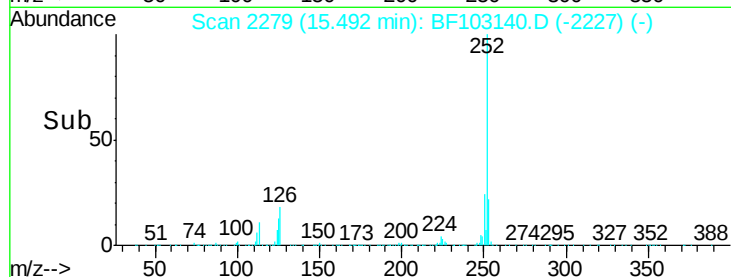
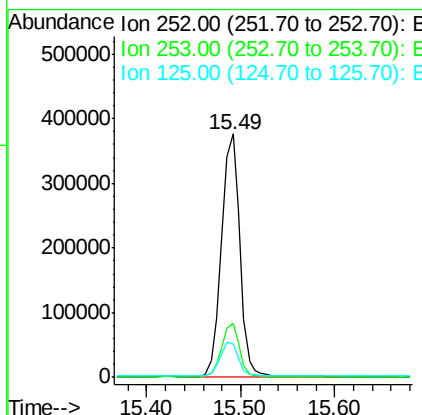
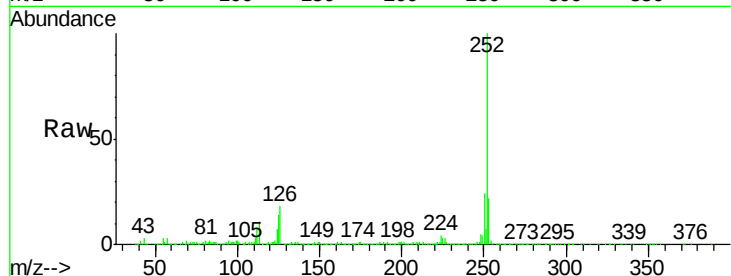




#89
Benzo(a)pyrene
Concen: 37.063 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.01 min
Lab File: BF103140.D
Acq: 21 Feb 2018 16:59

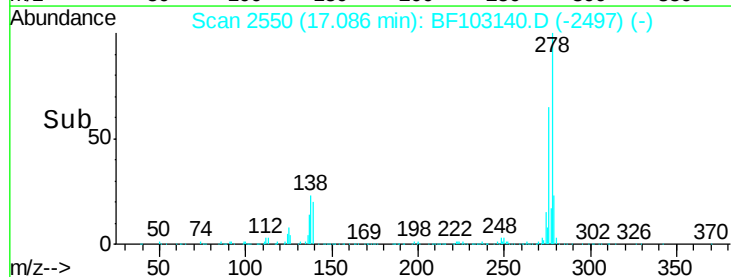
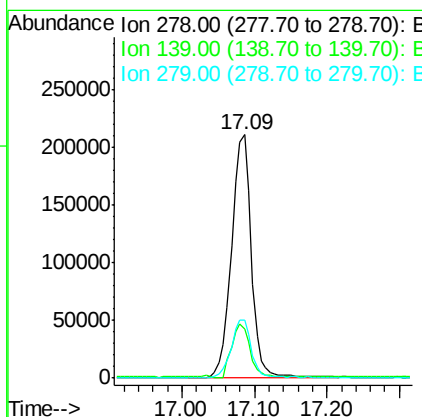
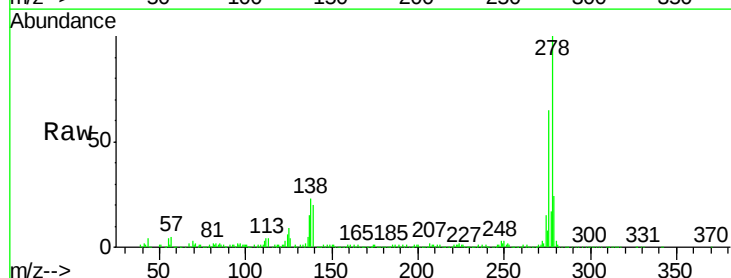
Instrument :
BNA_F
ClientSampleId :

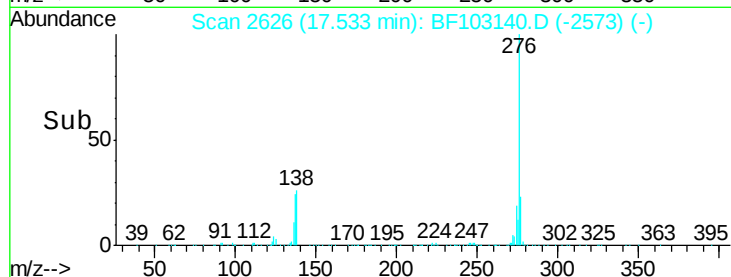
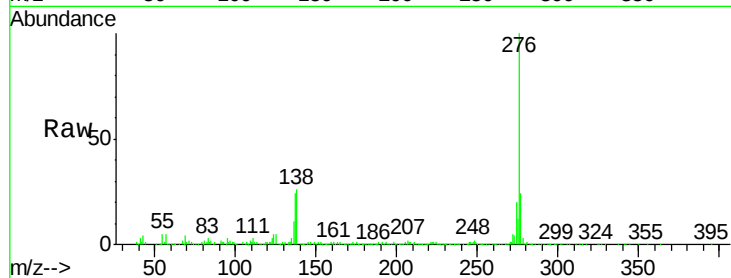
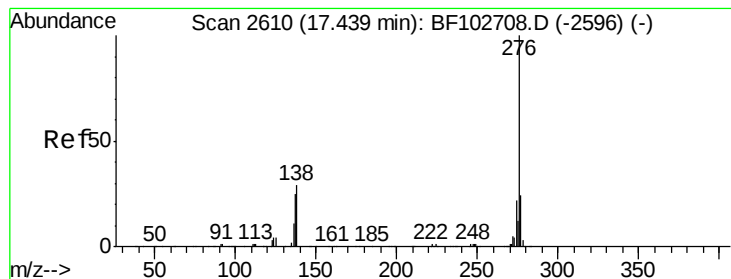
Tot Ion:252 Resp: 516439
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 14.0 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 35.843 ng
RT: 17.09 min Scan# 2550
Delta R.T. 0.01 min
Lab File: BF103140.D
Acq: 21 Feb 2018 16:59

Tgt Ion:278 Resp: 405382
Ion Ratio Lower Upper
278 100
139 20.3 15.9 23.9
279 23.6 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 35.281 ng

RT: 17.53 min Scan# 2626

Delta R.T. 0.01 min

Lab File: BF103140.D

Acq: 21 Feb 2018 16:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 390557

Ion Ratio Lower Upper

276 100

277 23.5 17.9 26.9

138 26.5 21.8 32.8

