

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
 Data File : BF103141.D
 Acq On : 21 Feb 2018 17:25
 Operator : SJ/JU
 Sample : J1391-03MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-022018-BMSD

Quant Time: Feb 21 18:19:47 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	165543	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	695076	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	289612	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	422234	20.00	ng	0.00
75) Chrysene-d12	14.06	240	290495	20.00	ng	0.00
86) Perylene-d12	15.54	264	234041	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	1230542	112.89	ng	0.02
7) Phenol-d6	6.52	99	1485677	113.19	ng	0.01
23) Nitrobenzene-d5	7.45	82	939791	93.79	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	234346	100.53	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1315259	75.36	ng	0.00
78) Terphenyl-d14	12.99	244	945754	77.09	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.69	88	205067	38.088	ng	89
3) Pyridine	3.48	79	565516	38.017	ng	93
4) n-Nitrosodimethylamine	3.43	42	294465	46.267	ng	98
6) Aniline	6.55	93	583796	30.120	ng	96
8) 2-Chlorophenol	6.67	128	483272	43.064	ng	95
9) Benzaldehyde	6.43	77	321936	33.029	ng	98
10) Phenol	6.53	94	638929	45.424	ng	88
11) bis(2-Chloroethyl)ether	6.62	93	494768	42.272	ng	91
12) 1,3-Dichlorobenzene	6.82	146	508010	39.091	ng	99
13) 1,4-Dichlorobenzene	6.90	146	517692	39.991	ng	99
14) 1,2-Dichlorobenzene	7.05	146	469066	38.902	ng	99
15) Benzyl Alcohol	7.02	79	419722	41.594	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	828095	37.245	ng	99
17) 2-Methylphenol	7.13	107	419525	40.528	ng	99
18) Hexachloroethane	7.39	117	163124	36.747	ng	92
19) n-Nitroso-di-n-propylamine	7.29	70	319553	36.927	ng	98
20) 3+4-Methylphenols	7.29	107	466833	36.571	ng	# 73
22) Acetophenone	7.29	105	626159	36.813	ng	# 92
24) Nitrobenzene	7.46	77	532782	45.205	ng	97
25) Isophorone	7.70	82	980430	42.494	ng	98
26) 2-Nitrophenol	7.78	139	257368	52.222	ng	98
27) 2,4-Dimethylphenol	7.82	122	433552	44.478	ng	100
28) bis(2-Chloroethoxy)methane	7.91	93	593813	43.447	ng	100
29) 2,4-Dichlorophenol	8.02	162	396599	44.757	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	374036	37.313	ng	98
31) Naphthalene	8.19	128	1320559	38.886	ng	100
32) Benzoic acid	7.92	122	104754	22.418	ng	96
33) 4-Chloroaniline	8.23	127	288785	19.740	ng	99
34) Hexachlorobutadiene	8.29	225	188124	36.623	ng	99
35) Caprolactam	8.61	113	147034	47.780	ng	# 79
36) 4-Chloro-3-methylphenol	8.72	107	423844	42.571	ng	97
37) 2-Methylnaphthalene	8.87	142	867360	39.010	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	321127	40.723	ng	99
40) Hexachlorocyclopentadiene	9.02	237	22871	6.101	ng	96

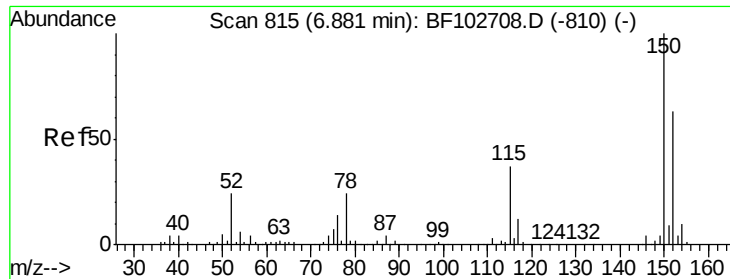
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	233977	45.174	ng	98
43) 2,4,5-Trichlorophenol	9.20	196	246951	42.302	ng	97
45) 1,1'-Biphenyl	9.34	154	943056	38.661	ng	98
46) 2-Chloronaphthalene	9.37	162	742322	38.654	ng	97
47) 2-Nitroaniline	9.46	65	299154	50.303	ng	88
48) Acenaphthylene	9.78	152	1096092	36.748	ng	99
49) Dimethylphthalate	9.64	163	1008049	44.640	ng	99
50) 2,6-Dinitrotoluene	9.70	165	192312	44.763	ng	94
51) Acenaphthene	9.95	154	627946	35.204	ng	100
52) 3-Nitroaniline	9.87	138	195305	36.946	ng	99
53) 2,4-Dinitrophenol	9.99	184	19487	27.917	ng	# 20
54) Dibenzofuran	10.13	168	940229	37.403	ng	98
55) 4-Nitrophenol	10.05	139	308981	71.572	ng	95
56) 2,4-Dinitrotoluene	10.11	165	236649	41.516	ng	96
57) Fluorene	10.47	166	695972	38.053	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	166123	41.058	ng	# 98
59) Diethylphthalate	10.33	149	850885	38.161	ng	100
60) 4-Chlorophenyl-phenylether	10.46	204	324071	40.054	ng	98
61) 4-Nitroaniline	10.49	138	211419	42.017	ng	91
62) Azobenzene	10.62	77	819549	36.792	ng	98
64) 4,6-Dinitro-2-methylphenol	10.52	198	20743	19.353	ng	95
65) n-Nitrosodiphenylamine	10.57	169	654595	43.952	ng	97
66) 4-Bromophenyl-phenylether	10.95	248	188412	42.184	ng	99
67) Hexachlorobenzene	11.02	284	187897	38.134	ng	98
68) Atrazine	11.10	200	192667	43.851	ng	98
69) Pentachlorophenol	11.22	266	174393	60.293	ng	98
70) Phenanthrene	11.43	178	879512	37.401	ng	99
71) Anthracene	11.49	178	913646	38.200	ng	100
72) Carbazole	11.64	167	892101	38.072	ng	99
73) Di-n-butylphthalate	11.96	149	1186409	41.682	ng	99
74) Fluoranthene	12.62	202	852463	36.030	ng	98
76) Benzidine	12.75	184	721655	54.052	ng	98
77) Pyrene	12.86	202	830846	36.474	ng	100
79) Butylbenzylphthalate	13.46	149	455172	41.906	ng	96
80) Benzo(a)anthracene	14.04	228	735486	40.258	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	297813	43.965	ng	97
82) Chrysene	14.08	228	693573	37.660	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	616991	44.215	ng	98
84) Di-n-octyl phthalate	14.63	149	1056317	50.414	ng	100
85) Indeno(1,2,3-cd)pyrene	17.07	276	531875	34.822	ng	99
87) Benzo(b)fluoranthene	15.11	252	602821	39.728	ng	97
88) Benzo(k)fluoranthene	15.14	252	609226	42.020	ng	99
89) Benzo(a)pyrene	15.49	252	544982	39.901	ng	98
90) Dibenzo(a,h)anthracene	17.07	278	450418	40.630	ng	99
91) Benzo(g,h,i)perylene	17.53	276	433299	39.932	ng	97

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

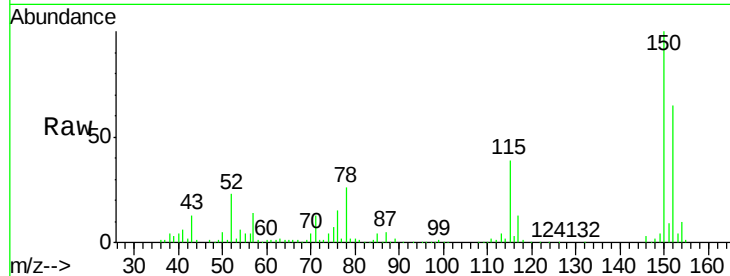


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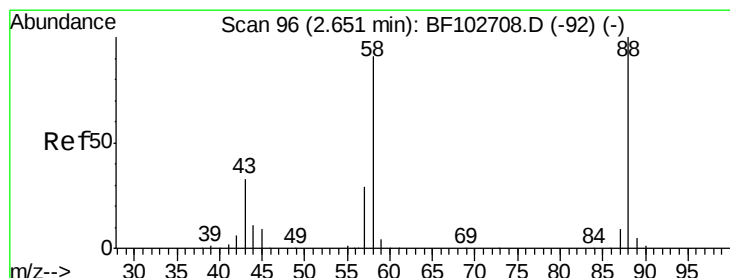
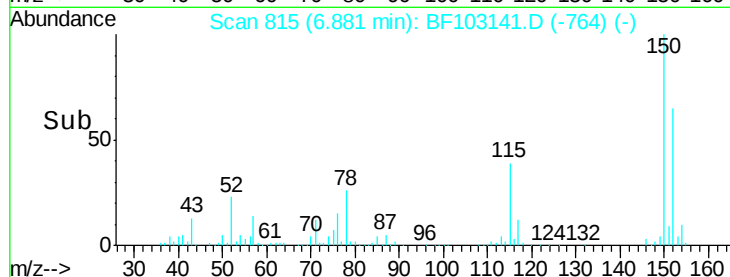
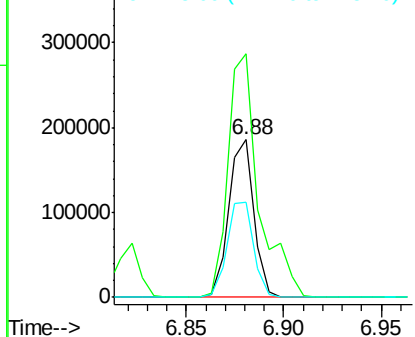
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF103141.D
Acq: 21 Feb 2018 17:25

Instrument :
BNA_F
ClientSampleId :
AU-05-022018-BMSD

Tot Ion:152 Resp: 165543
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 60.7 50.1 75.1



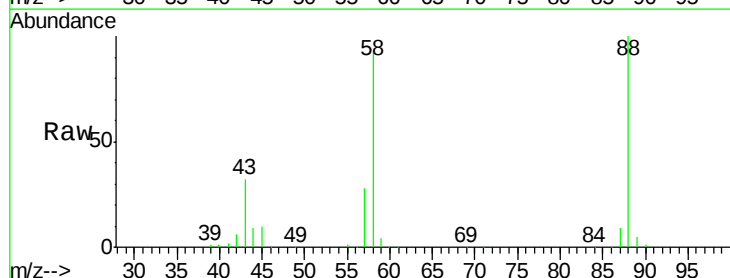
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



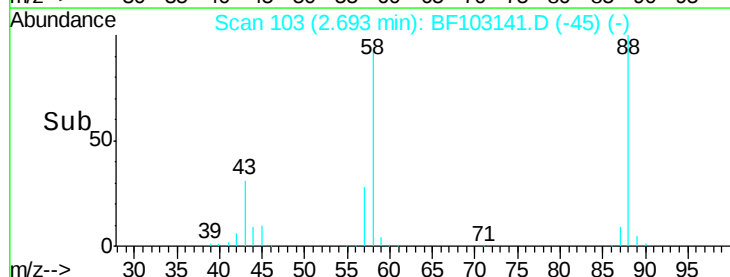
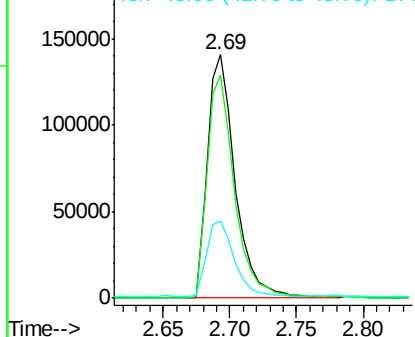
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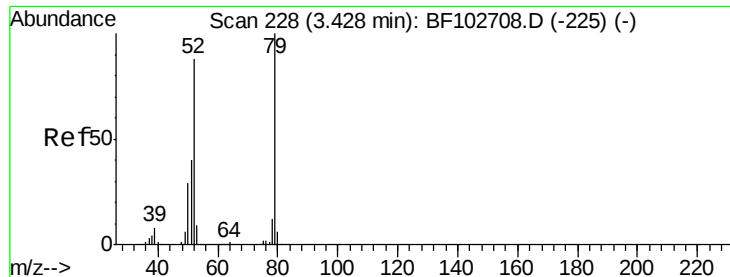
1,4-Dioxane
Concen: 38.088 ng
RT: 2.69 min Scan# 103
Delta R.T. 0.04 min
Lab File: BF103141.D
Acq: 21 Feb 2018 17:25

Tgt Ion: 88 Resp: 205067
Ion Ratio Lower Upper
88 100
58 91.4 62.6 93.8
43 31.5 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: 38.017 ng

RT: 3.48 min Scan# 236

Delta R.T. 0.05 min

Lab File: BF103141.D

Acq: 21 Feb 2018 17:25

Instrument :

BNA_F

ClientSampleId :

AU-05-022018-BMSD

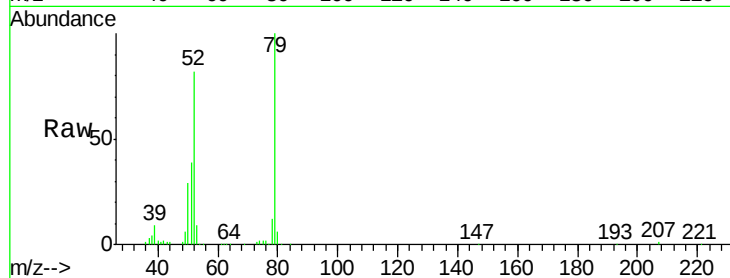
Tot Ion: 79 Resp: 565516

Ion Ratio Lower Upper

79 100

52 82.4 59.8 89.6

51 39.0 29.8 44.8



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

250000

200000

150000

100000

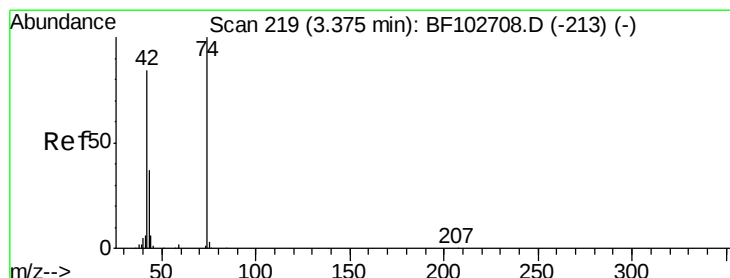
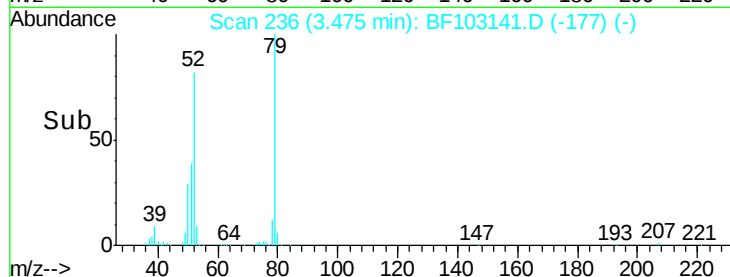
50000

0

3.48

3.40 3.50 3.60 3.70

Time-->



#4

n-Nitrosodimethylamine

Concen: 46.267 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.04 min

Lab File: BF103141.D

Acq: 21 Feb 2018 17:25

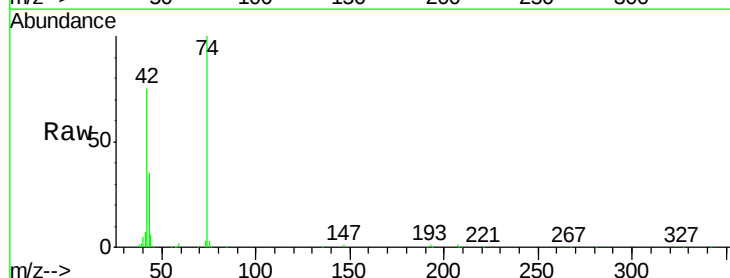
Tgt Ion: 42 Resp: 294465

Ion Ratio Lower Upper

42 100

74 133.4 104.9 157.3

44 7.5 6.9 10.3



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

250000

200000

150000

100000

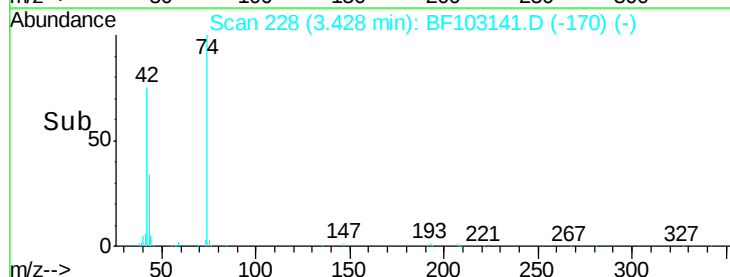
50000

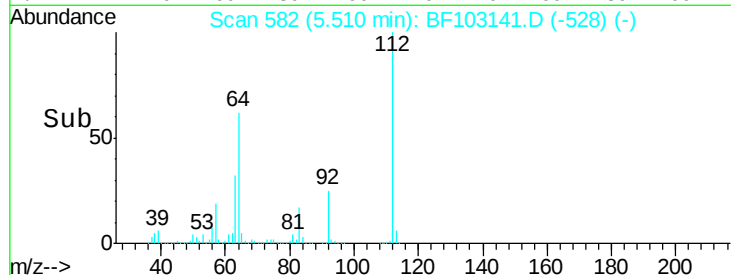
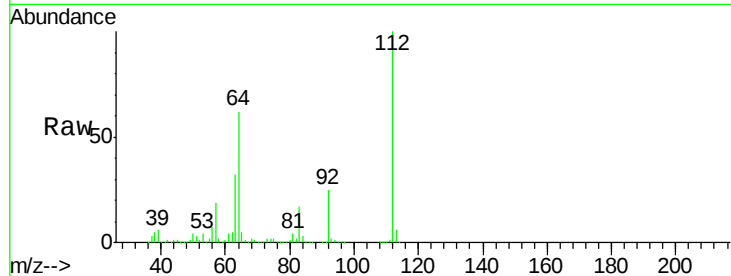
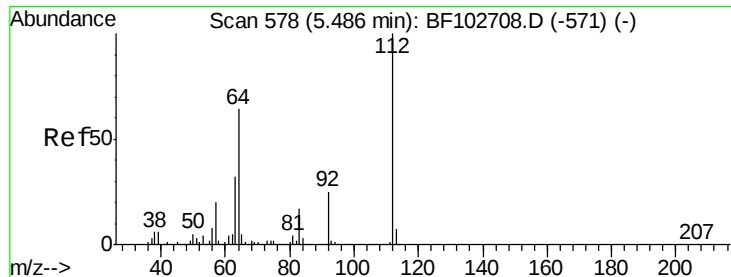
0

3.43

3.30 3.40 3.50

Time-->





#5

2-Fluorophenol

Concen: 112.888 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF103141.D

Acq: 21 Feb 2018 17:25

Instrument :

BNA_F

ClientSampleId :

AU-05-022018-BMSD

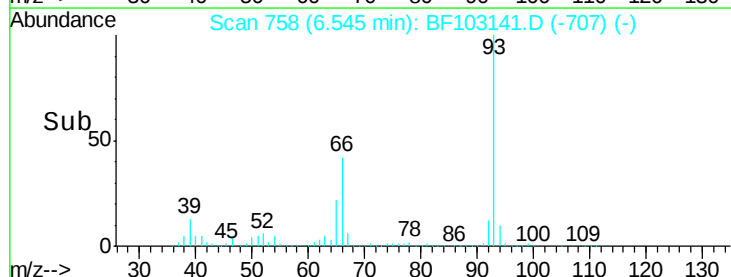
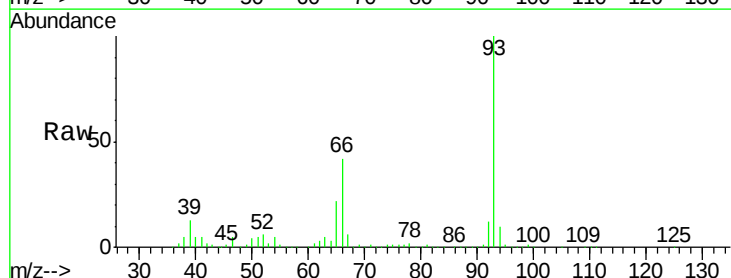
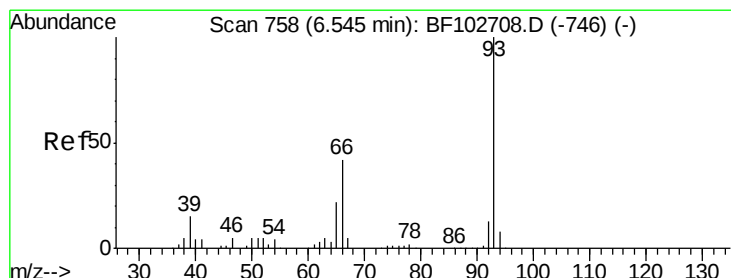
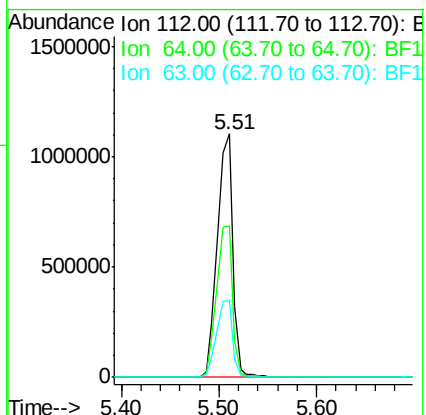
Tot Ion:112 Resp: 1230542

Ion Ratio Lower Upper

112 100

64 62.4 47.9 71.9

63 31.5 23.7 35.5



#6

Aniline

Concen: 30.120 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF103141.D

Acq: 21 Feb 2018 17:25

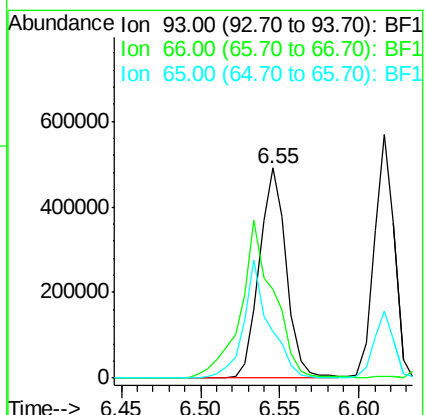
Tgt Ion: 93 Resp: 583796

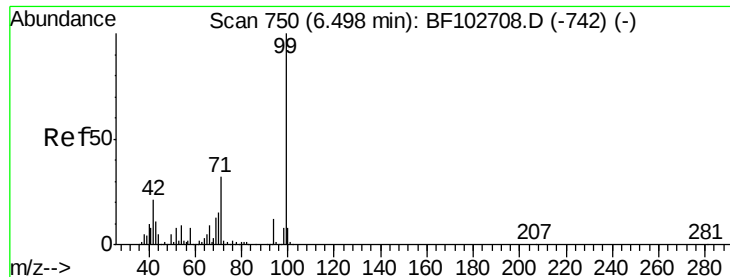
Ion Ratio Lower Upper

93 100

66 42.5 32.2 48.2

65 22.4 16.4 24.6





#7

Phenol-d6

Concen: 113.194 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF103141.D

Acq: 21 Feb 2018 17:25

Instrument :

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ClientSampleId :

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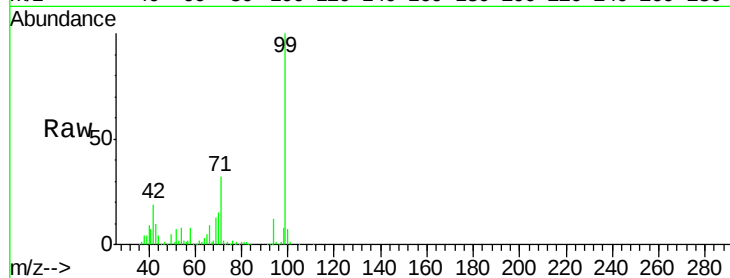
Tot Ion: 99 Resp: 1485677

Ion Ratio Lower Upper

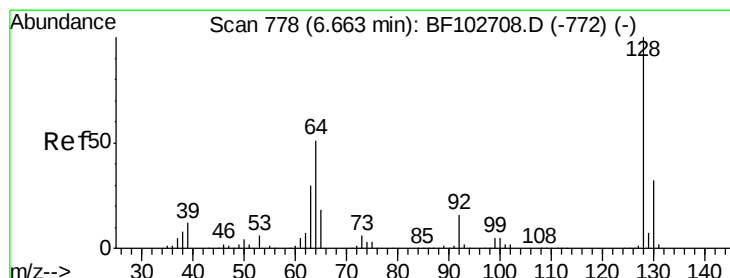
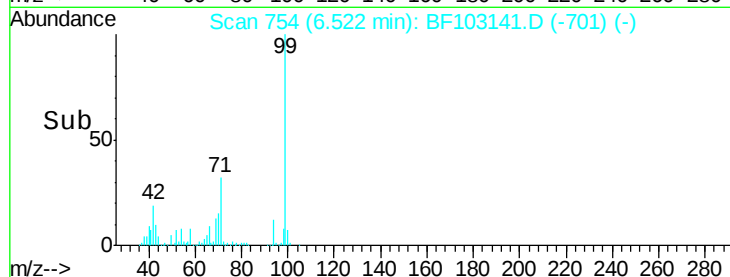
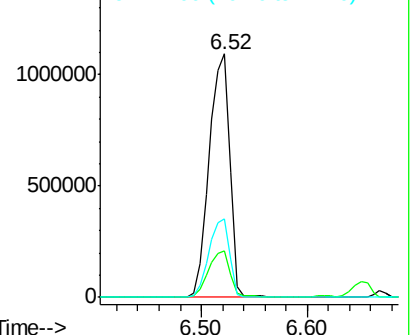
99 100

42 19.1 14.5 21.7

71 32.2 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: 43.064 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF103141.D

Acq: 21 Feb 2018 17:25

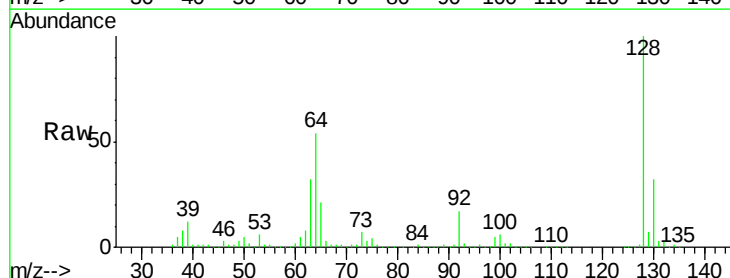
Tgt Ion: 128 Resp: 483272

Ion Ratio Lower Upper

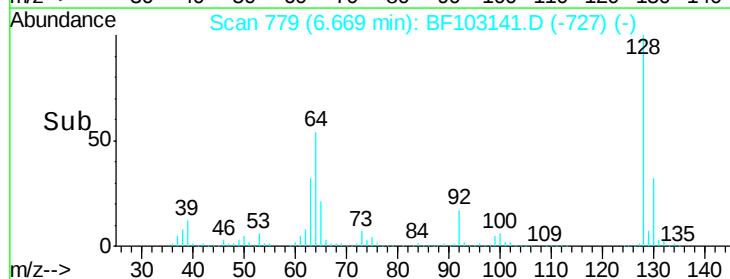
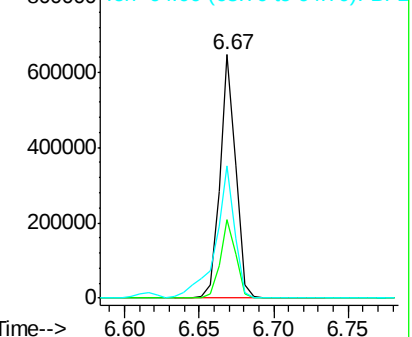
128 100

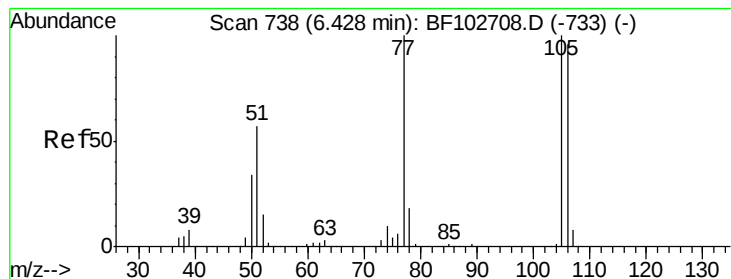
130 32.2 13.0 53.0

64 54.2 29.4 69.4



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





#9

Benzaldehyde

Concen: 33.029 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF103141.D

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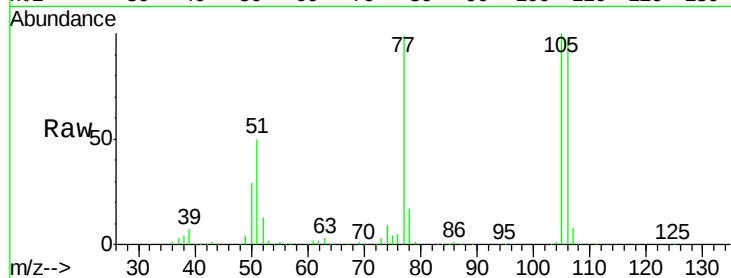
Tot Ion: 77 Resp: 321936

Ion Ratio Lower Upper

77 100

105 101.4 81.1 121.1

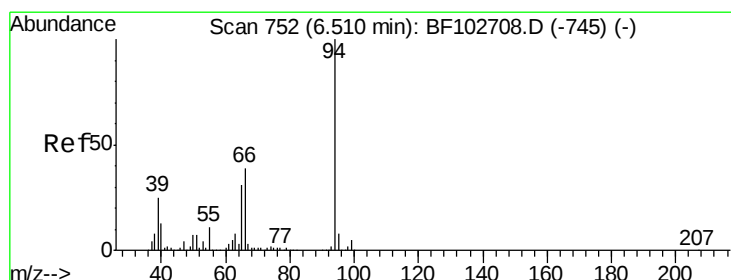
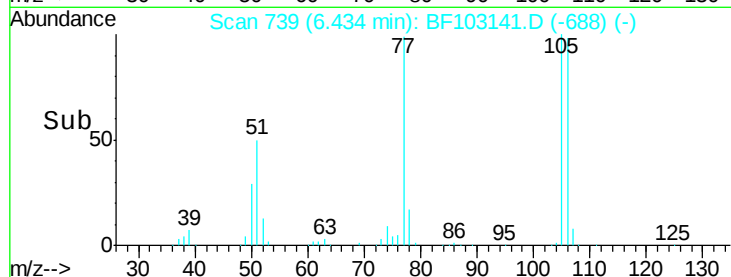
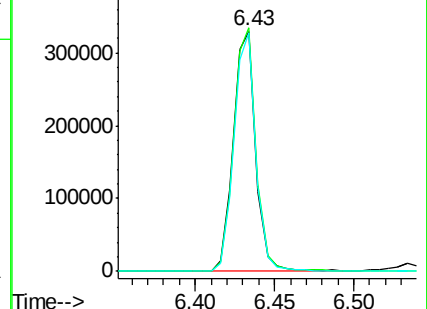
106 99.2 74.5 114.5



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: 45.424 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF103141.D

Acq: 21 Feb 2018 17:25

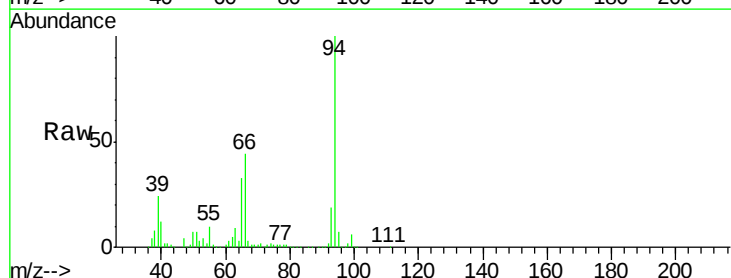
Tgt Ion: 94 Resp: 638929

Ion Ratio Lower Upper

94 100

65 33.2 7.9 47.9

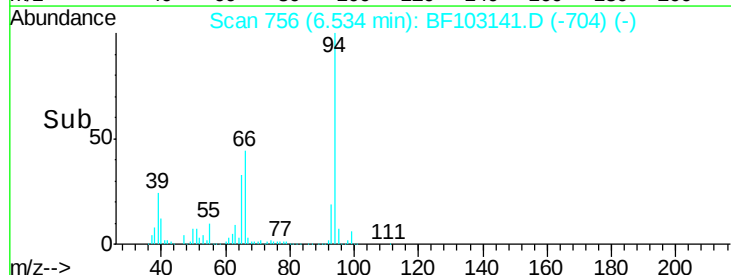
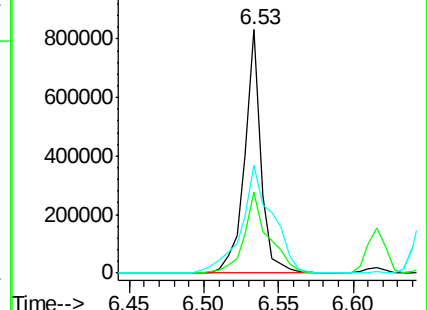
66 44.4 16.2 56.2

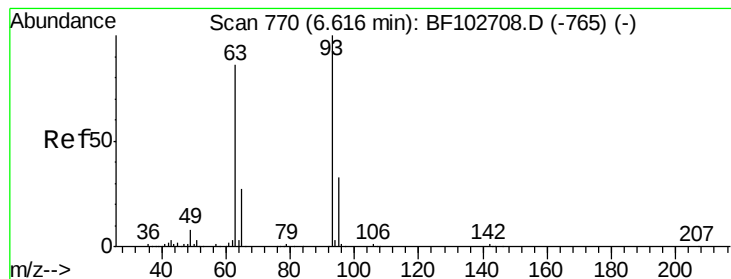


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 42.272 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF103141.D

Acq: 21 Feb 2018 17:25

Instrument :

BNA_F

ClientSampleId :

AU-05-022018-BMSD

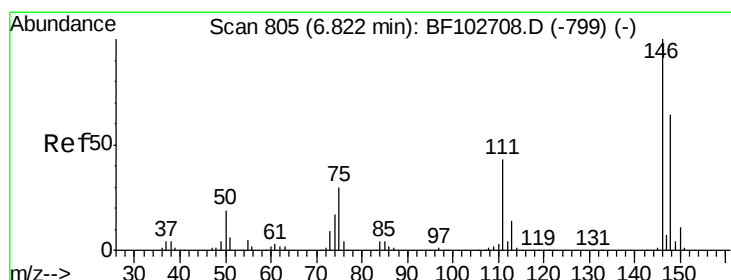
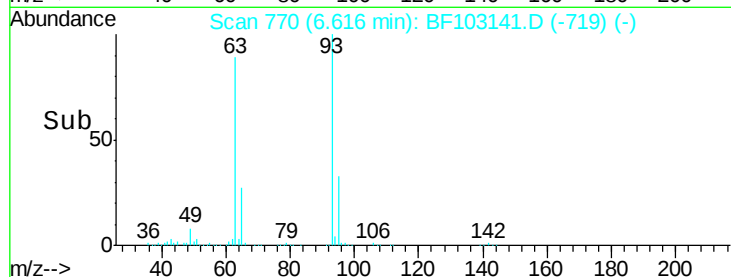
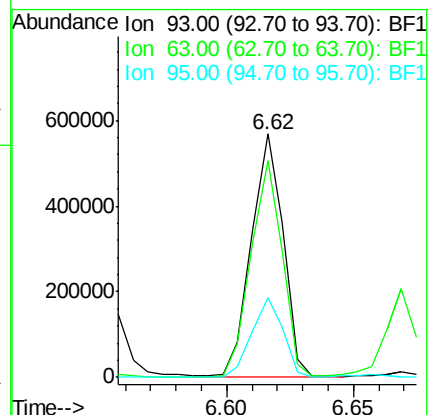
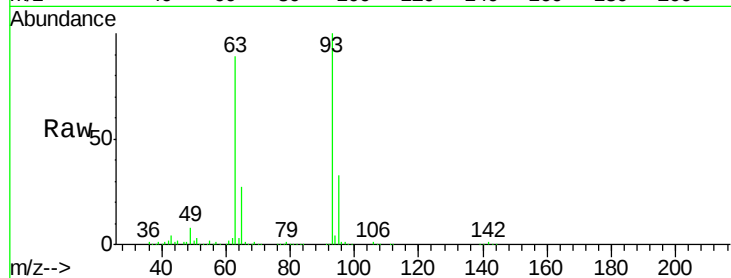
Tot Ion: 93 Resp: 494768

Ion Ratio Lower Upper

93 100

63 88.9 58.6 98.6

95 32.7 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 39.091 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF103141.D

Acq: 21 Feb 2018 17:25

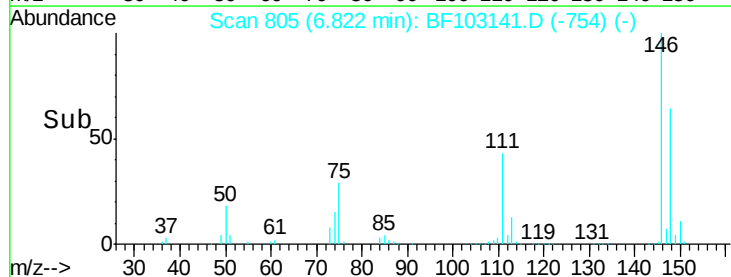
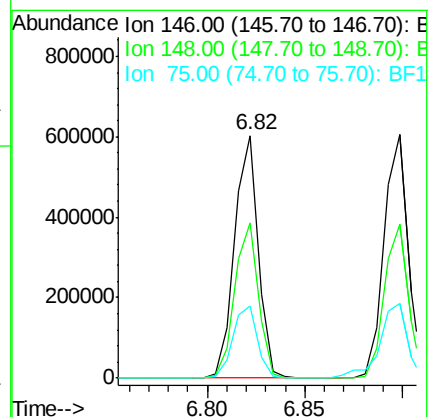
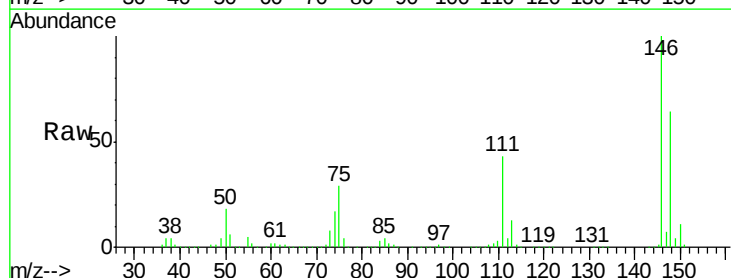
Tgt Ion: 146 Resp: 508010

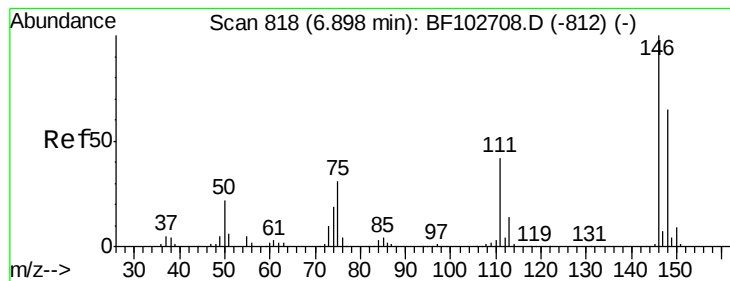
Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.8

75 29.5 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 39.991 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF103141.D

Acq: 21 Feb 2018 17:25

Instrument :

BNA_F

ClientSampleId :

AU-05-022018-BMSD

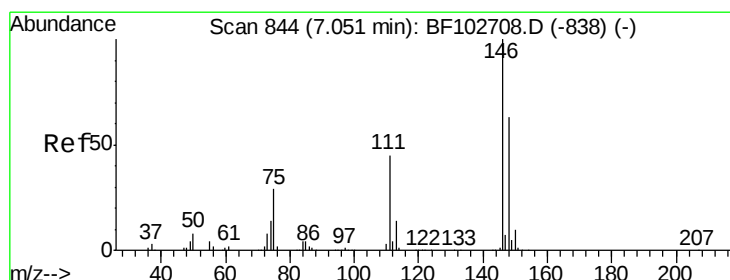
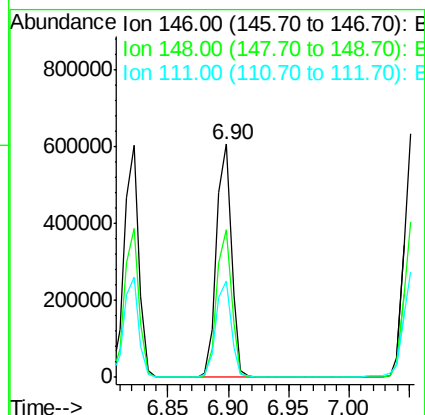
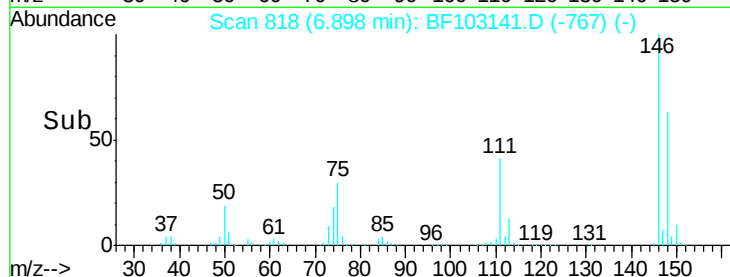
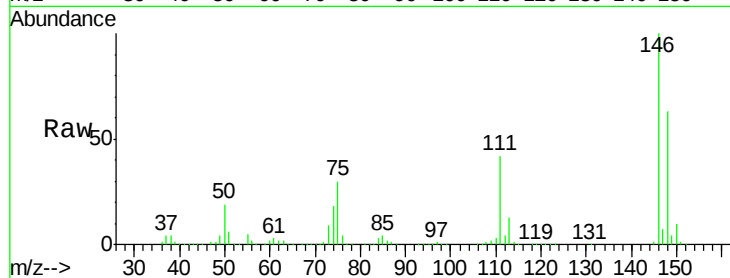
Tot Ion:146 Resp: 517692

Ion Ratio Lower Upper

146 100

148 63.4 50.8 76.2

111 41.6 34.2 51.2



#14

1,2-Dichlorobenzene

Concen: 38.902 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF103141.D

Acq: 21 Feb 2018 17:25

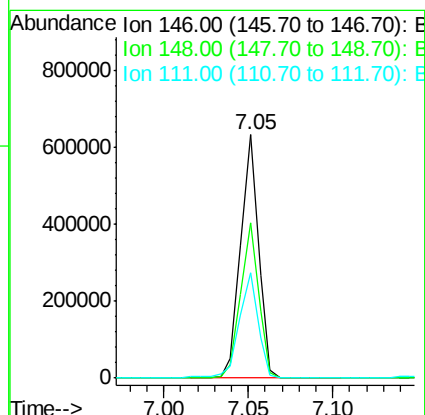
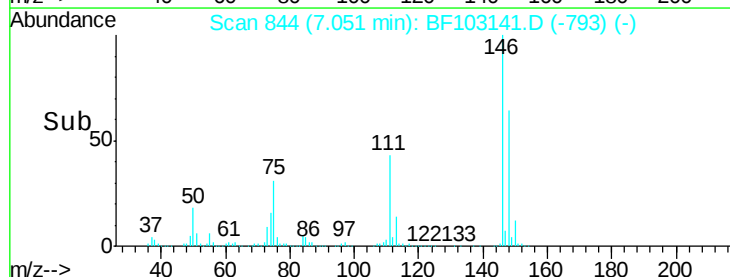
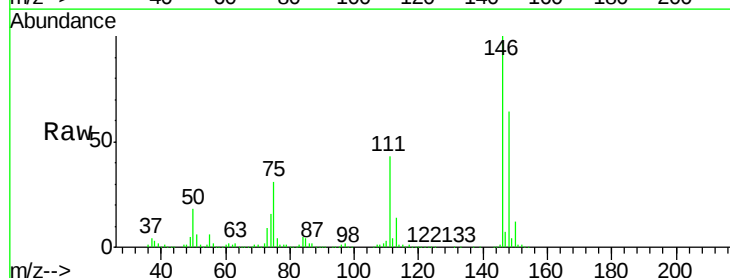
Tgt Ion:146 Resp: 469066

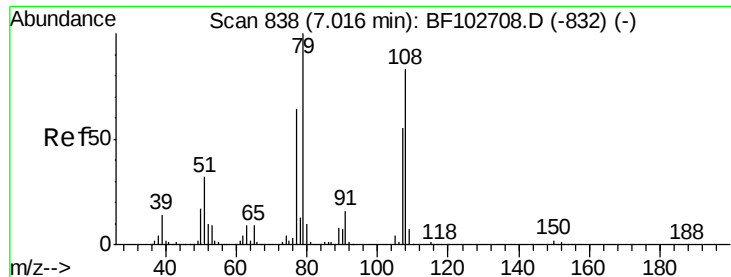
Ion Ratio Lower Upper

146 100

148 63.7 50.6 75.8

111 43.4 36.0 54.0





#15

Benzyl Alcohol

Concen: 41.594 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF103141.D

Acq: 21 Feb 2018 17:25

Instrument :

BNA_F

ClientSampleId :

AU-05-022018-BMSD

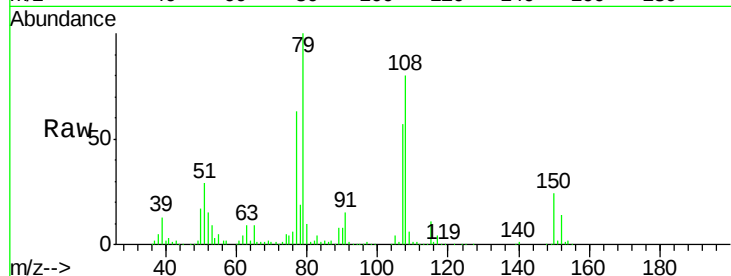
Tot Ion: 79 Resp: 419722

Ion Ratio Lower Upper

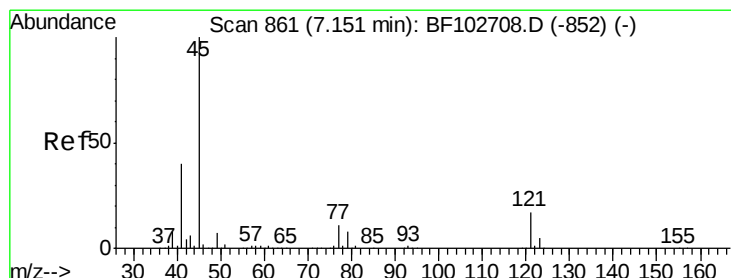
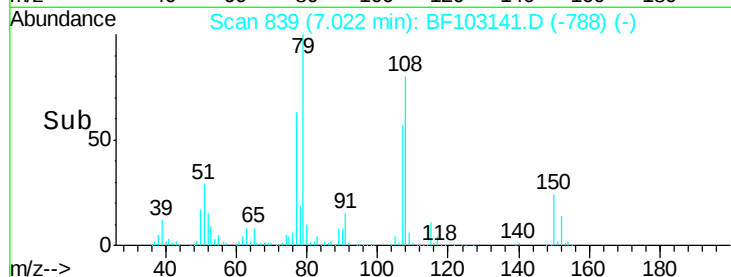
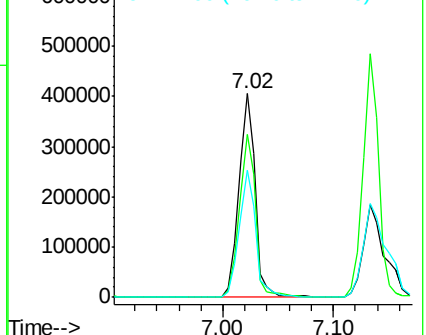
79 100

108 80.4 65.1 97.7

77 62.6 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: 37.245 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF103141.D

Acq: 21 Feb 2018 17:25

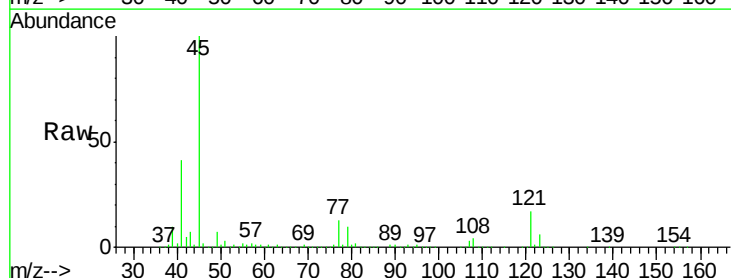
Tgt Ion: 45 Resp: 828095

Ion Ratio Lower Upper

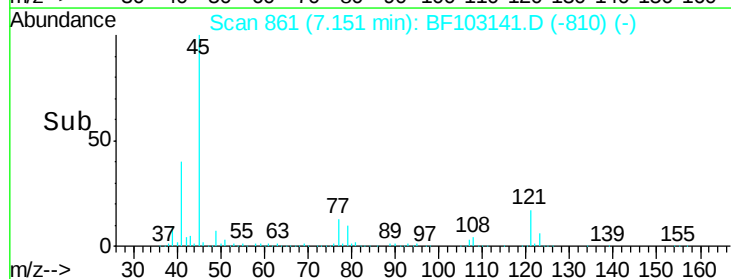
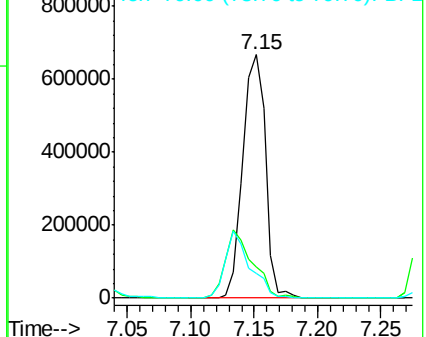
45 100

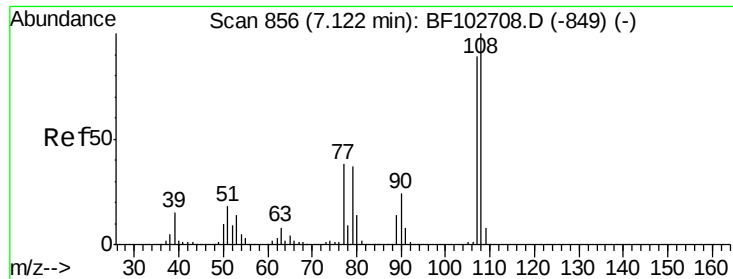
77 13.1 0.0 32.9

79 10.4 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

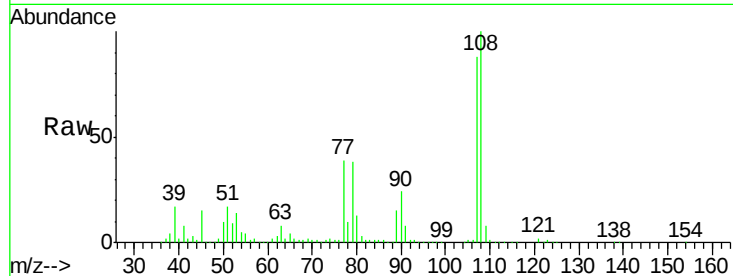




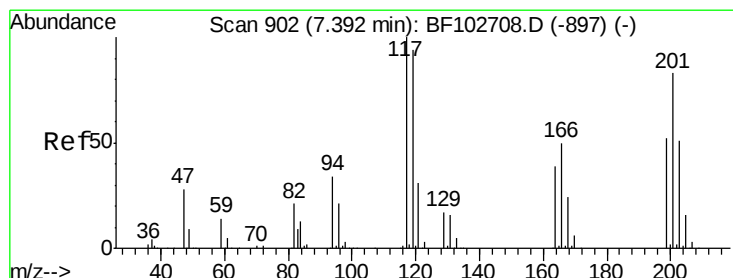
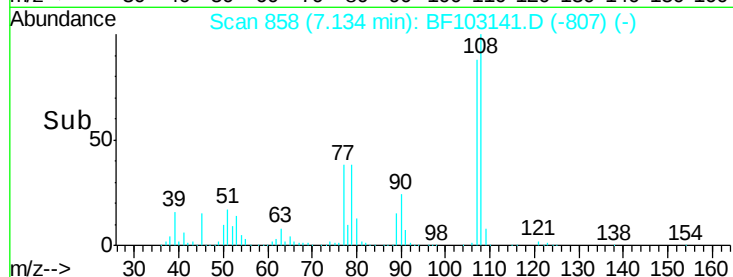
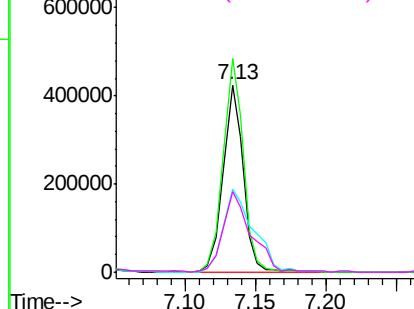
#17
2-Methylphenol
Concen: 40.528 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF103141.D
Acq: 21 Feb 2018 17:25

Instrument :
BNA_F
ClientSampleId :
AU-05-022018-BMSD

Tot Ion:107 Resp: 419525
Ion Ratio Lower Upper
107 100
108 114.3 91.7 137.5
77 44.2 33.8 50.8
79 43.4 33.8 50.8

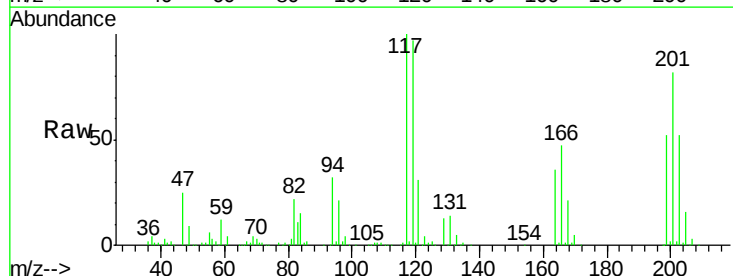


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

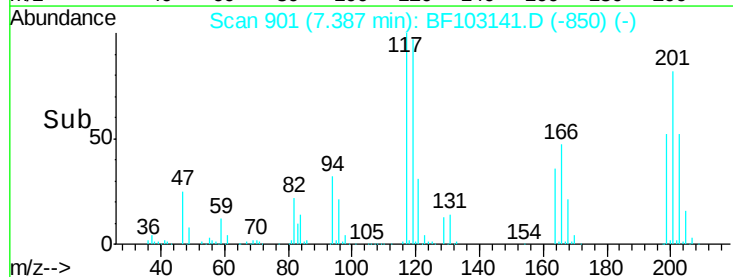
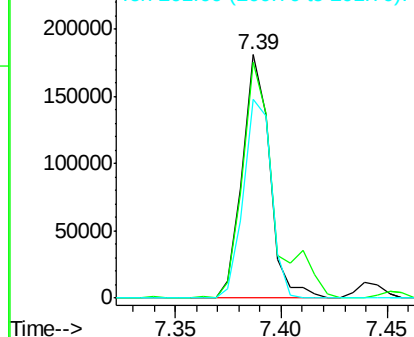


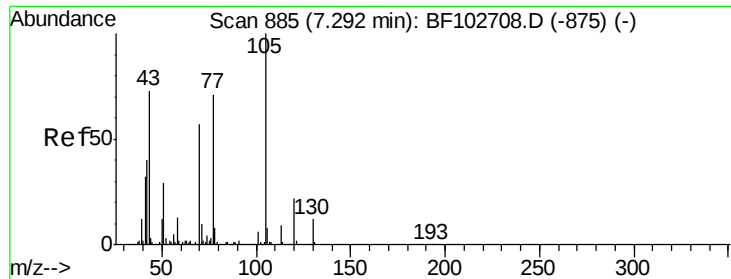
#18
Hexachloroethane
Concen: 36.747 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF103141.D
Acq: 21 Feb 2018 17:25

Tgt Ion:117 Resp: 163124
Ion Ratio Lower Upper
117 100
119 97.1 75.8 113.8
201 81.9 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

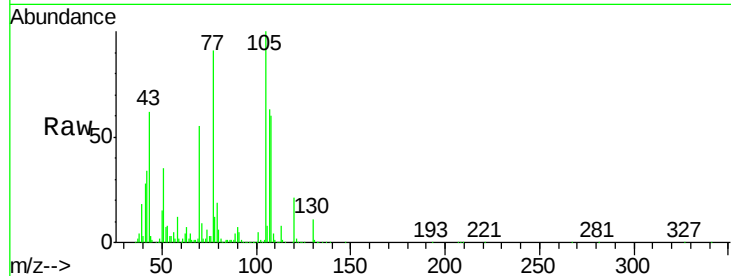




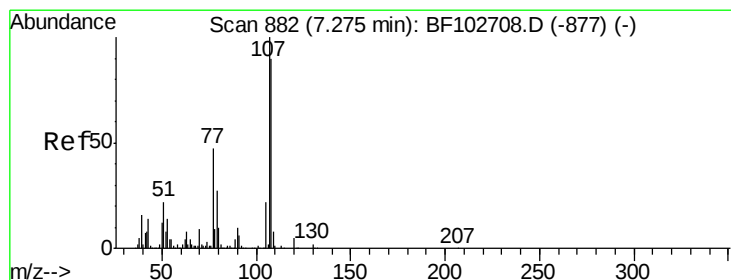
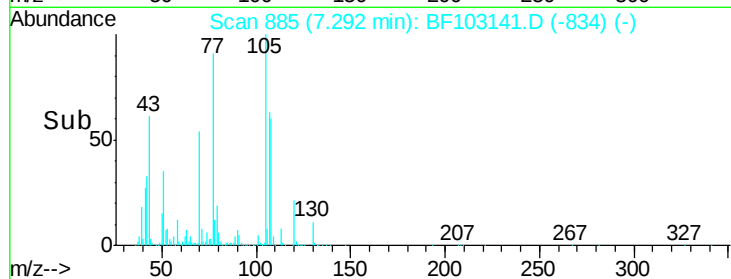
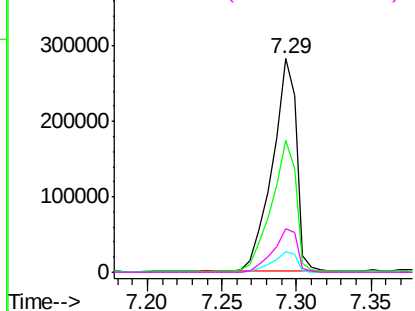
#19
n-Nitroso-di-n-propylamine
Concen: 36.927 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF103141.D
Acq: 21 Feb 2018 17:25

Instrument :
BNA_F
ClientSampleId :
AU-05-022018-BMSD

Tot Ion: 70 Resp: 319553
Ion Ratio Lower Upper
70 100
42 61.7 47.5 71.3
101 9.8 7.4 11.2
130 20.2 16.6 25.0

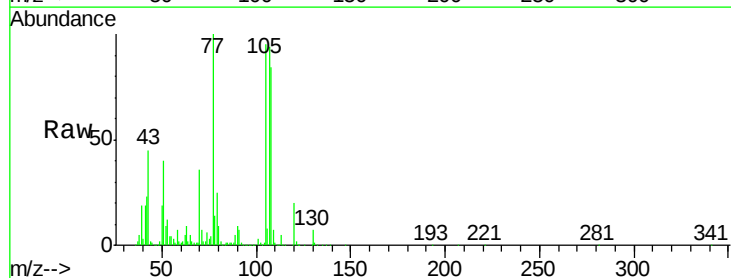


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

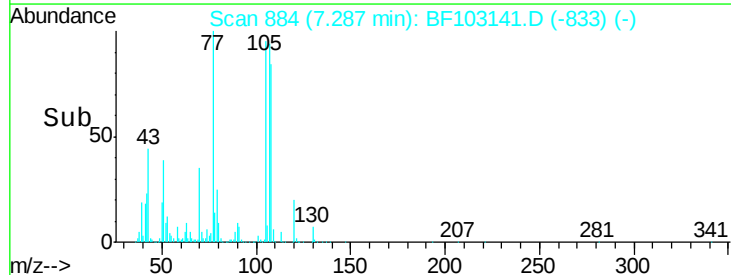
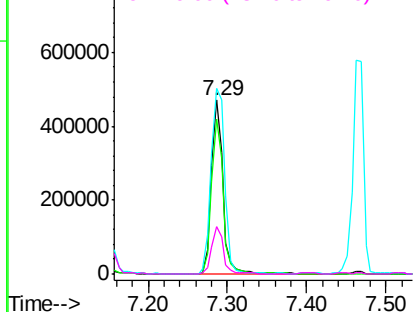


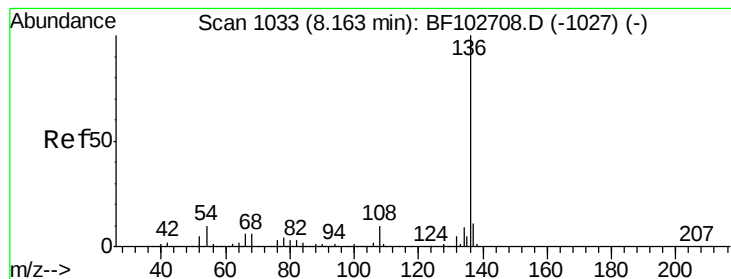
#20
3+4-Methylphenols
Concen: 36.571 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF103141.D
Acq: 21 Feb 2018 17:25

Tgt Ion: 107 Resp: 466833
Ion Ratio Lower Upper
107 100
108 89.5 68.2 108.2
77 106.5 26.7 66.7#
79 27.0 6.3 46.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF103141.D

Acq: 21 Feb 2018 17:25

Instrument :

BNA_F

ClientSampleId :

AU-05-022018-BMSD

Tot Ion:136 Resp: 695076

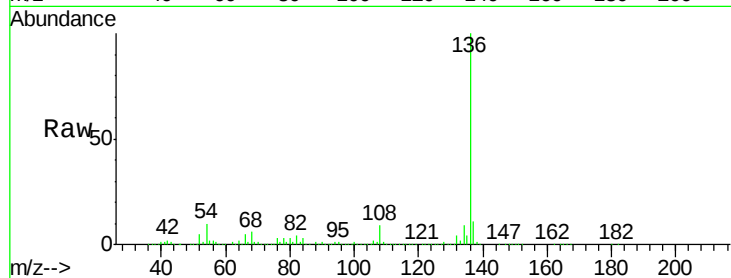
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 9.6 6.6 9.8

68 6.4 5.0 7.4

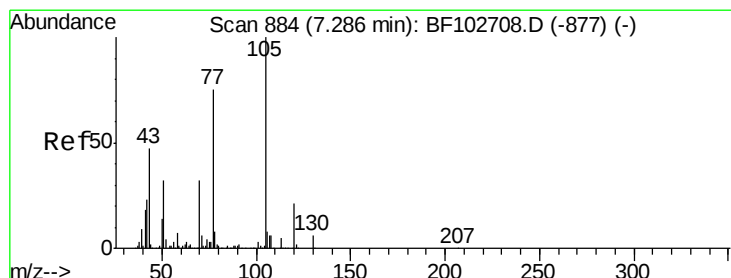
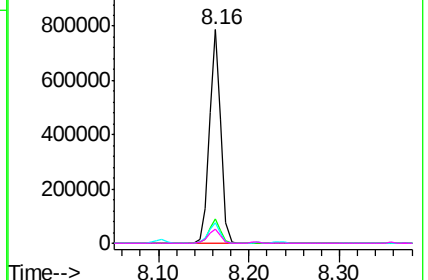
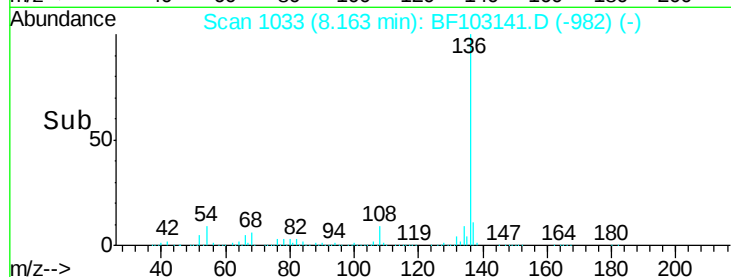


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.813 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF103141.D

Acq: 21 Feb 2018 17:25

Tgt Ion:105 Resp: 626159

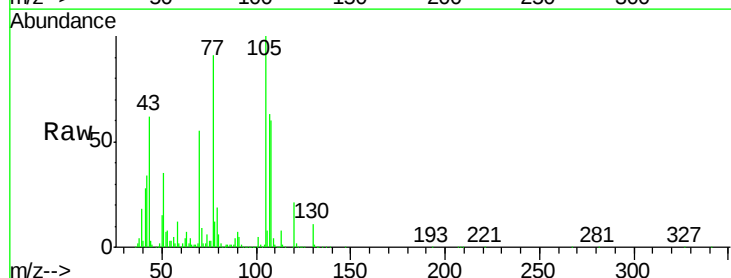
Ion Ratio Lower Upper

105 100

71 9.2 4.4 6.6#

51 35.3 22.3 33.5#

120 21.2 16.9 25.3

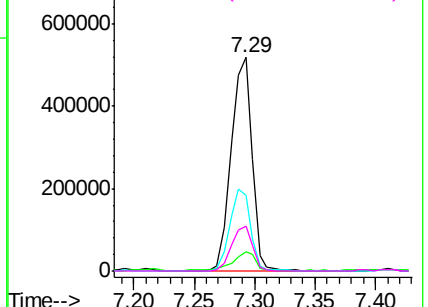
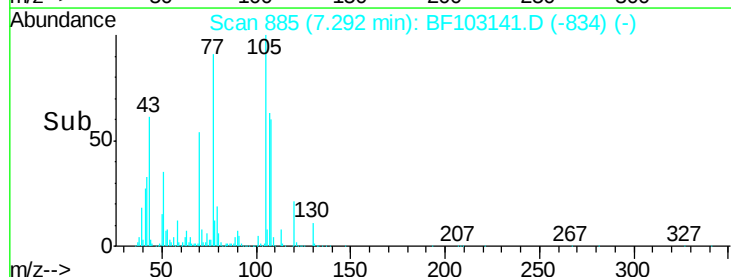


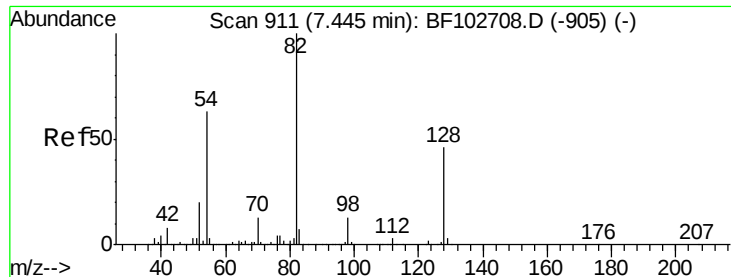
Abundance Ion 105.00 (104.70 to 105.70): E

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

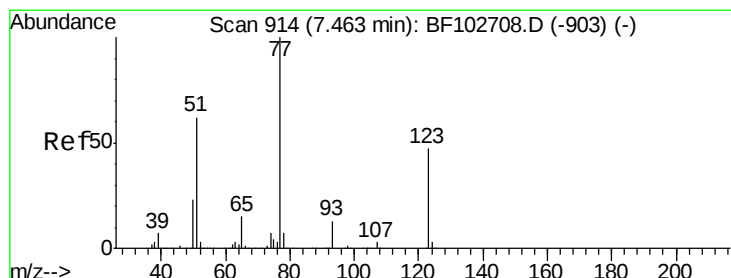
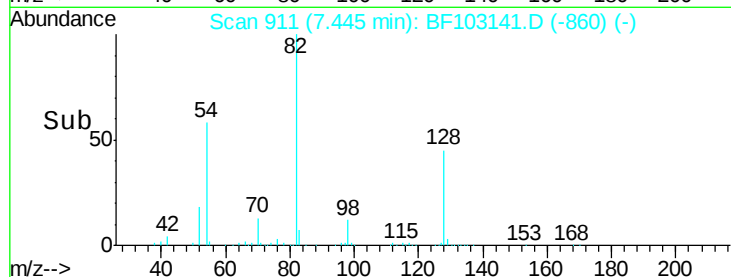
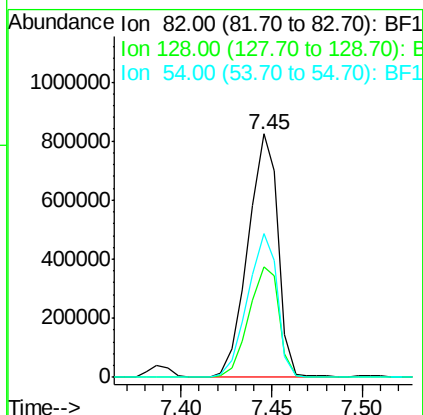
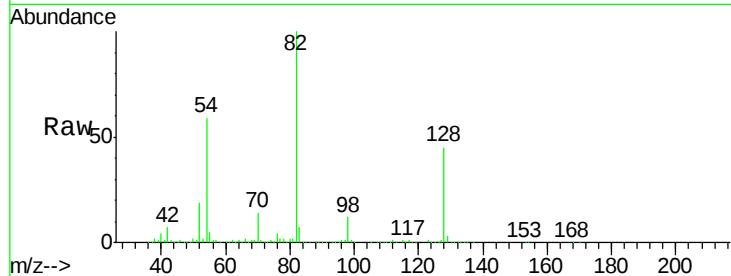




#23
 Nitrobenzene-d5
 Concen: 93.794 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BF103141.D
 Acq: 21 Feb 2018 17:25

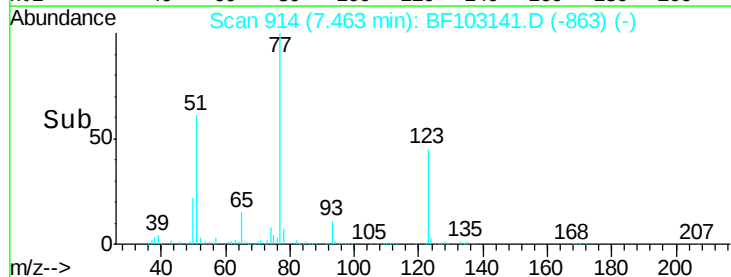
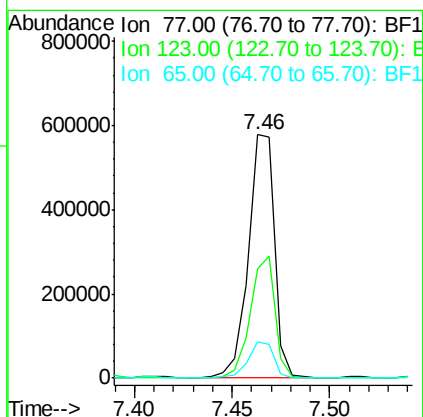
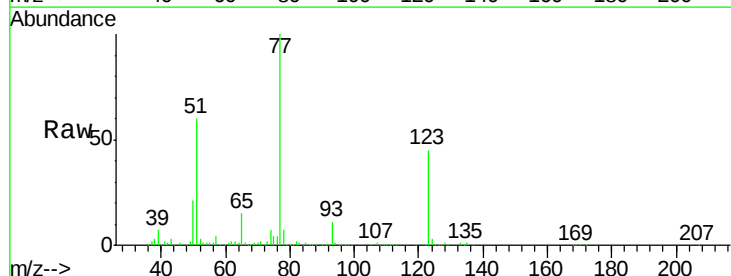
Instrument :
 BNA_F
 ClientSampleId :
 AU-05-022018-BMSD

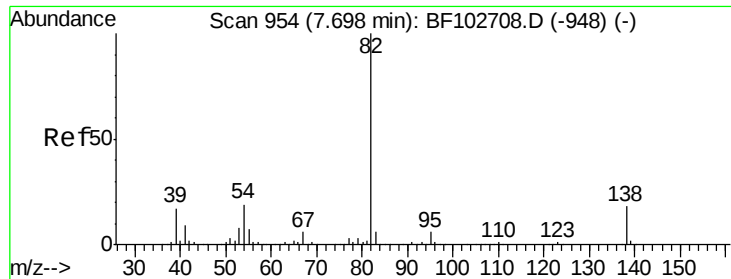
Tot Ion	82	Resp	939791
Ion Ratio	Lower	Upper	
82	100		
128	45.2	36.1	54.1
54	58.9	41.4	62.2



#24
 Nitrobenzene
 Concen: 45.205 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BF103141.D
 Acq: 21 Feb 2018 17:25

Tgt Ion	77	Resp	532782
Ion Ratio	Lower	Upper	
77	100		
123	45.0	37.9	56.9
65	14.7	11.0	16.4





#25

Isophorone

Concen: 42.494 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF103141.D

Acq: 21 Feb 2018 17:25

Instrument :

BNA_F

ClientSampleId :

AU-05-022018-BMSD

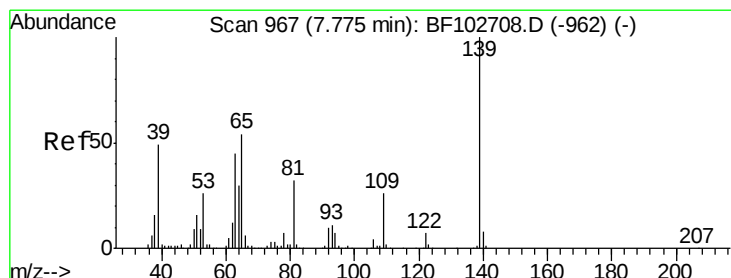
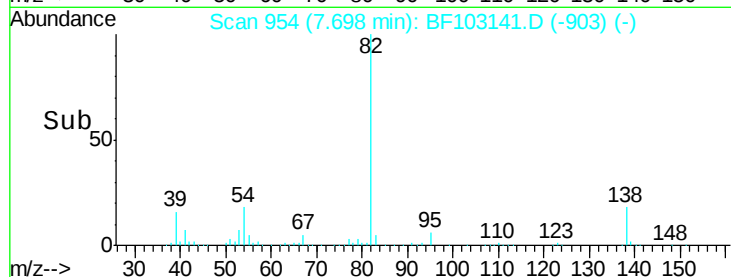
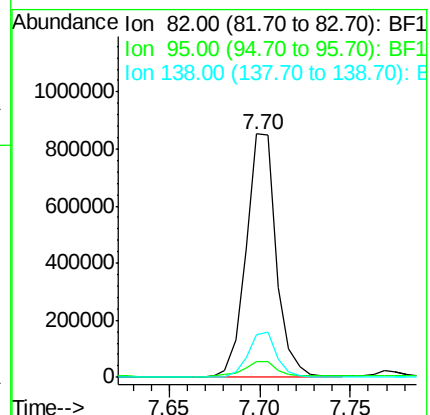
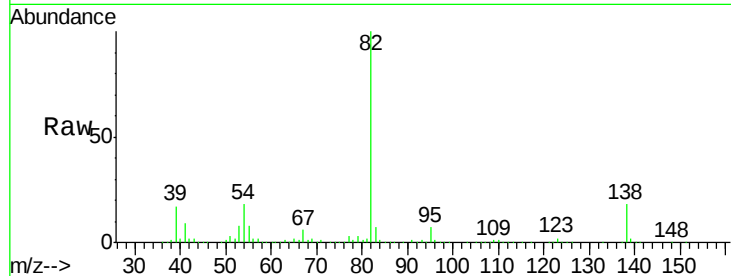
Tot Ion: 82 Resp: 980430

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 17.5 14.9 22.3



#26

2-Nitrophenol

Concen: 52.222 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF103141.D

Acq: 21 Feb 2018 17:25

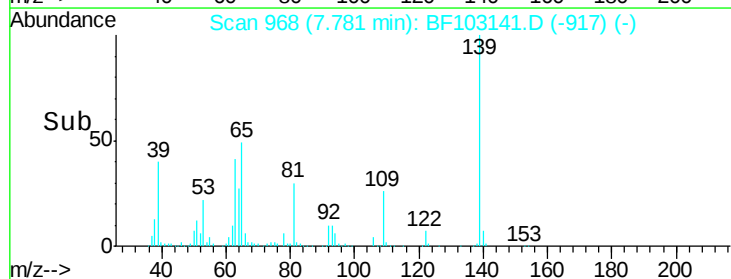
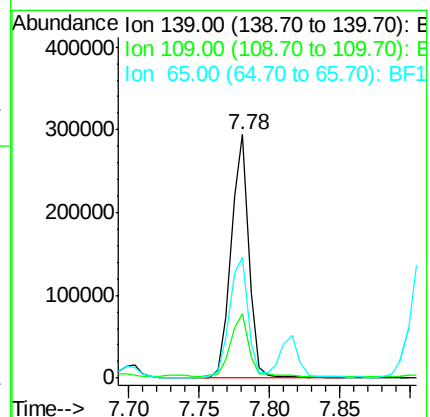
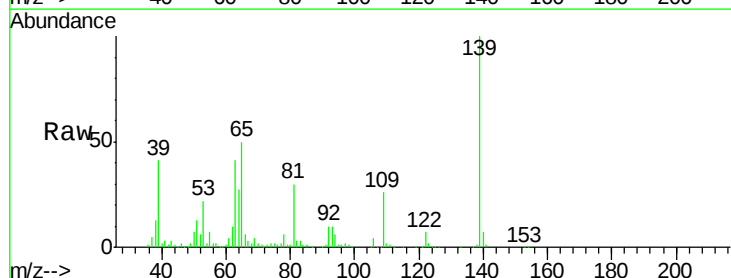
Tgt Ion: 139 Resp: 257368

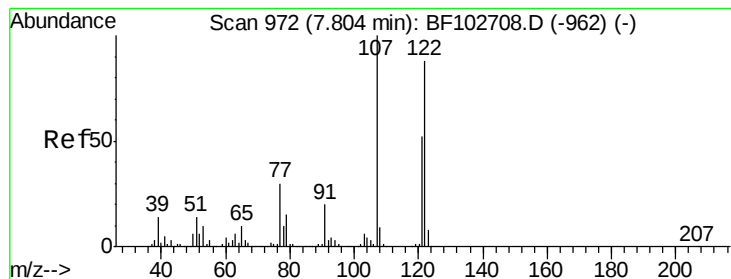
Ion Ratio Lower Upper

139 100

109 26.3 22.7 34.1

65 49.5 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 44.478 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF103141.D

Acq: 21 Feb 2018 17:25

Instrument :

BNA_F

ClientSampleId :

AU-05-022018-BMSD

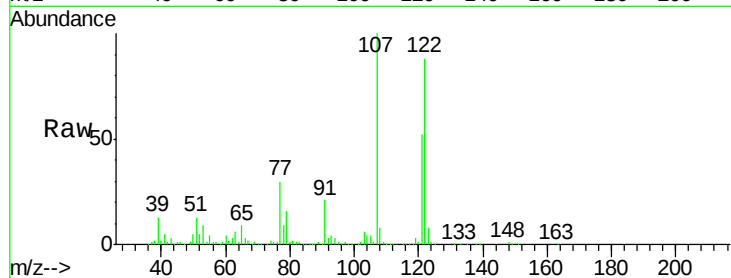
Tot Ion:122 Resp: 433552

Ion Ratio Lower Upper

122 100

107 113.7 91.2 136.8

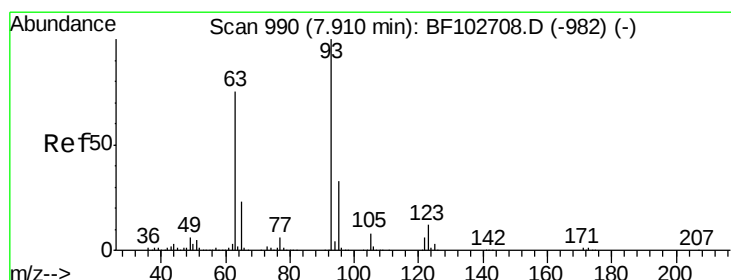
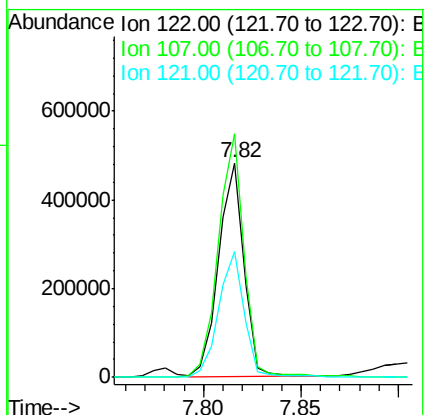
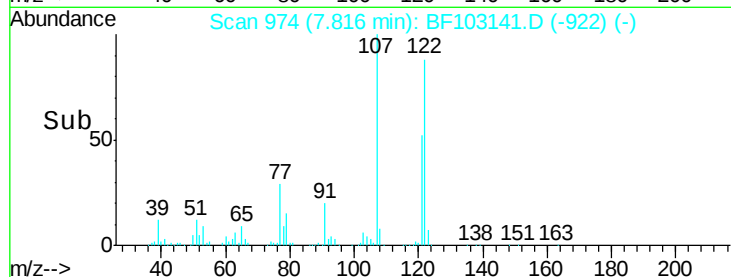
121 58.7 47.2 70.8



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: 43.447 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF103141.D

Acq: 21 Feb 2018 17:25

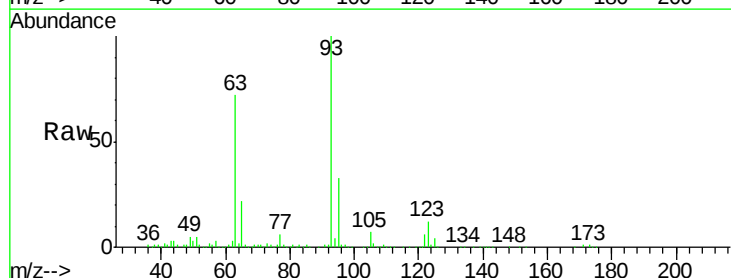
Tgt Ion: 93 Resp: 593813

Ion Ratio Lower Upper

93 100

95 33.1 26.3 39.5

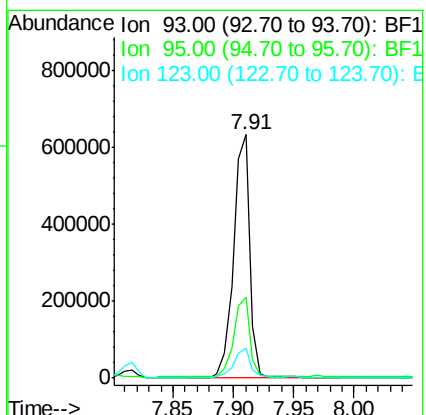
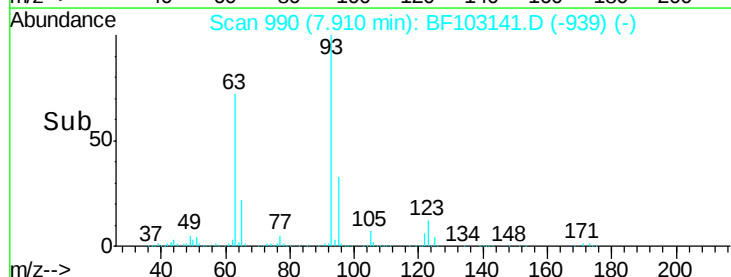
123 12.2 9.8 14.6

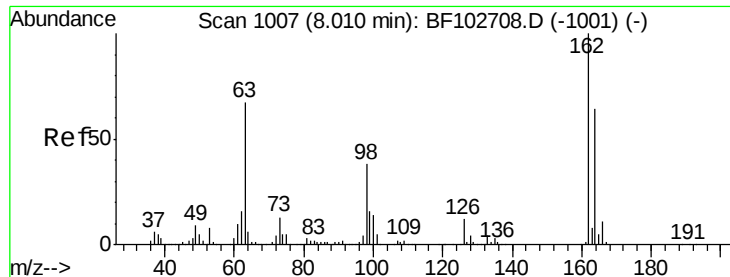


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

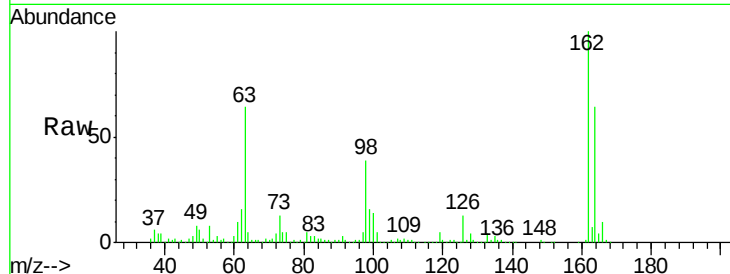




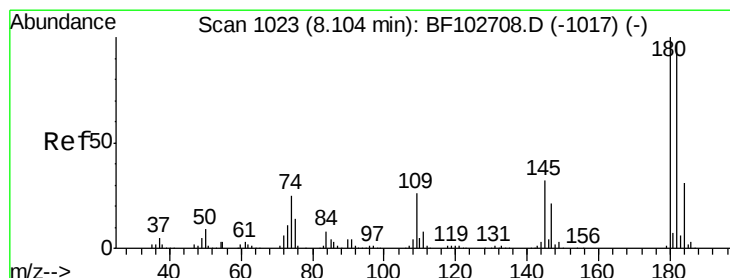
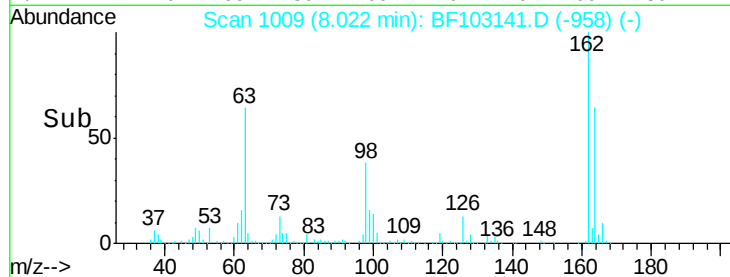
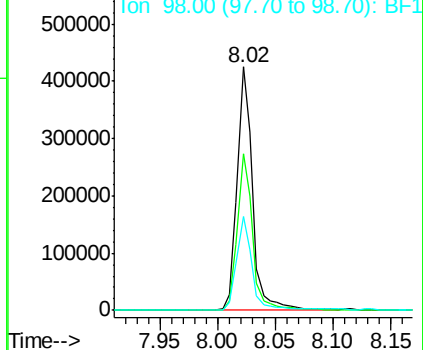
#29
 2,4-Dichlorophenol
 Concen: 44.757 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF103141.D
 Acq: 21 Feb 2018 17:25

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-022018-BMSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	42.7	82.7
98	38.7	18.1	58.1

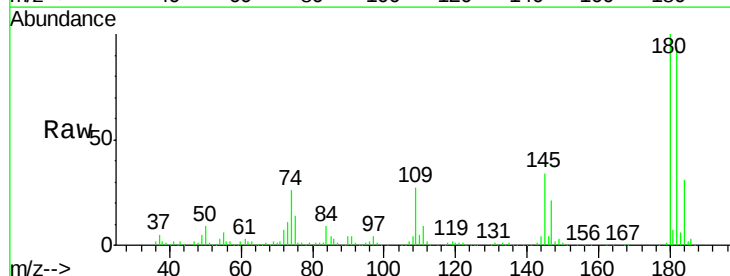


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

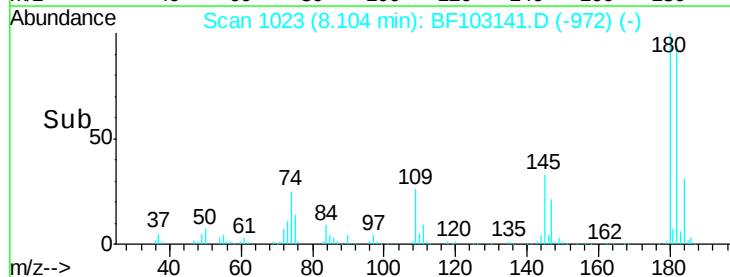
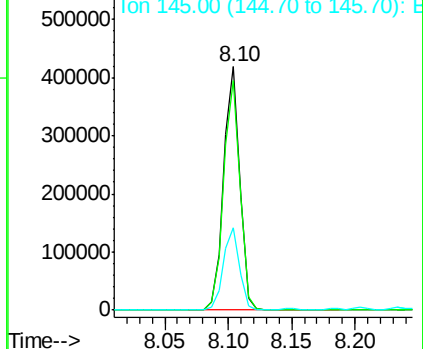


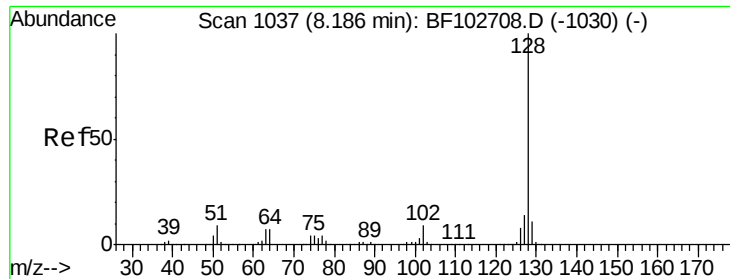
#30
 1,2,4-Trichlorobenzene
 Concen: 37.313 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. 0.00 min
 Lab File: BF103141.D
 Acq: 21 Feb 2018 17:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.8	115.2
145	33.6	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

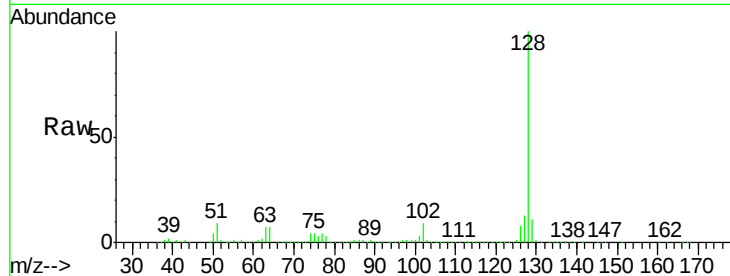




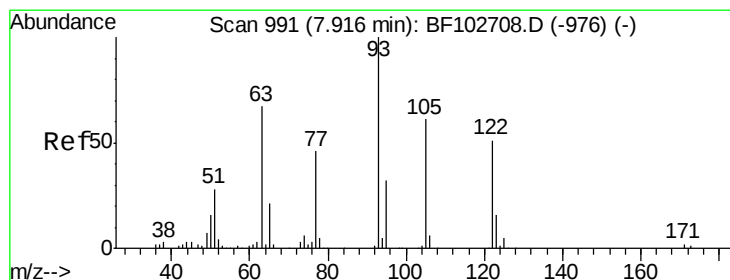
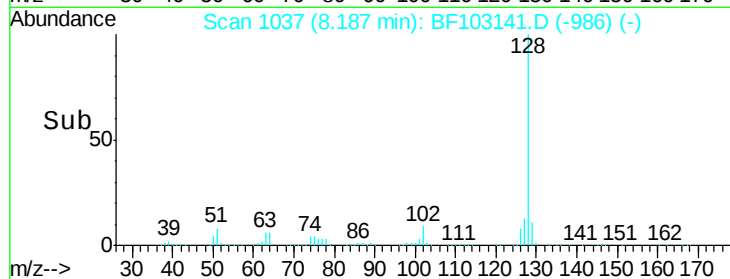
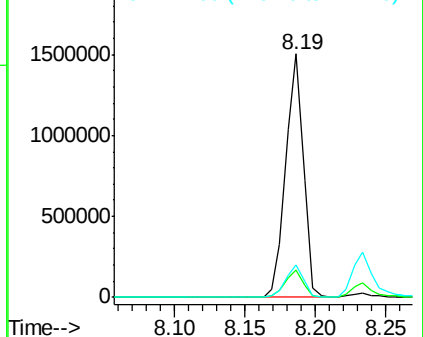
#31
Naphthalene
Concen: 38.886 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF103141.D
Acq: 21 Feb 2018 17:25

Instrument :
BNA_F
ClientSampleId :
AU-05-022018-BMSD

Tot Ion:128 Resp: 1320559
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.5 10.9 16.3

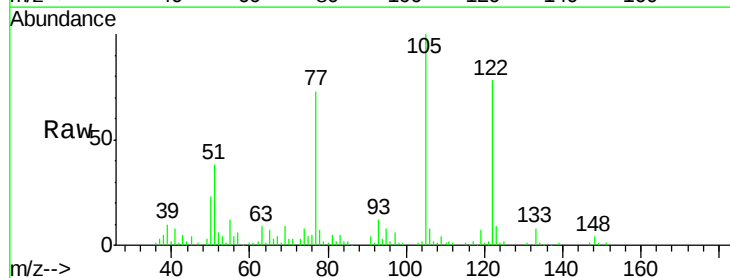


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

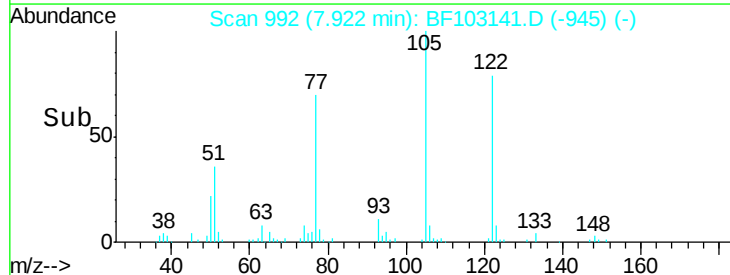
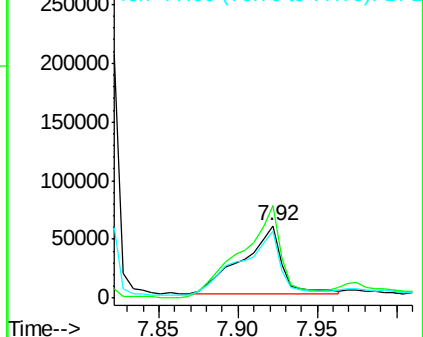


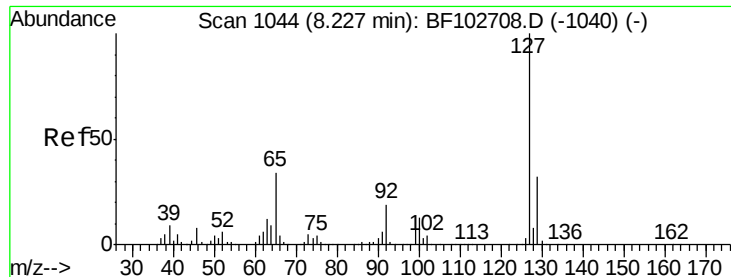
#32
Benzoic acid
Concen: 22.418 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.02 min
Lab File: BF103141.D
Acq: 21 Feb 2018 17:25

Tgt Ion:122 Resp: 104754
Ion Ratio Lower Upper
122 100
105 127.6 101.1 141.1
77 92.6 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

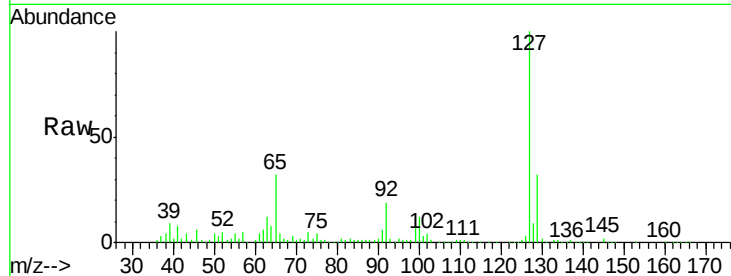




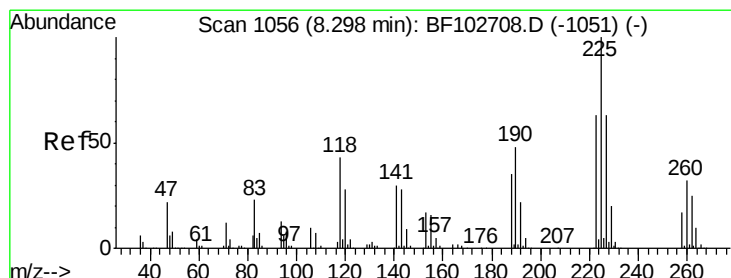
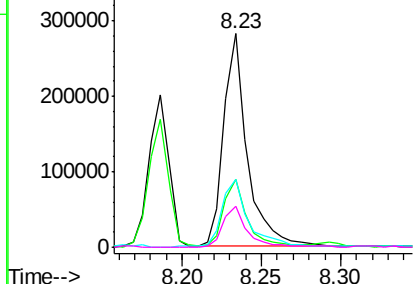
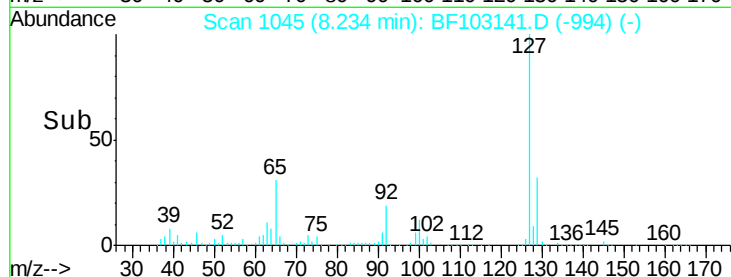
#33
4-Chloroaniline
Concen: 19.740 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF103141.D
Acq: 21 Feb 2018 17:25

Instrument :
BNA_F
ClientSampleId :
AU-05-022018-BMSD

Tot Ion:	127	Resp:	288785
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	31.8	25.0	37.4
92	19.0	15.2	22.8

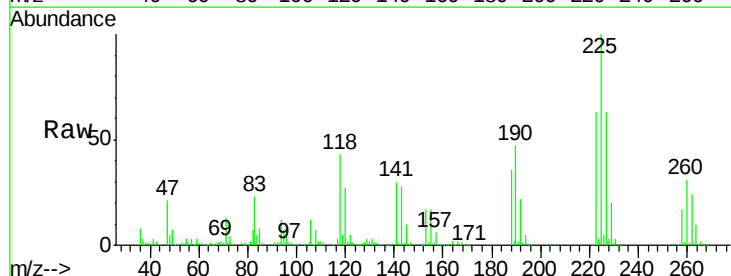


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

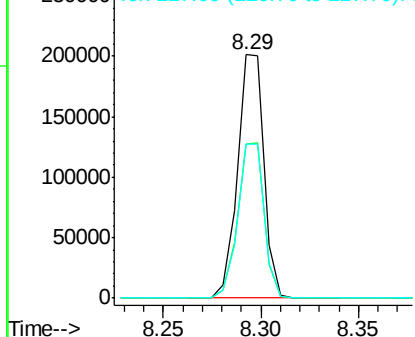
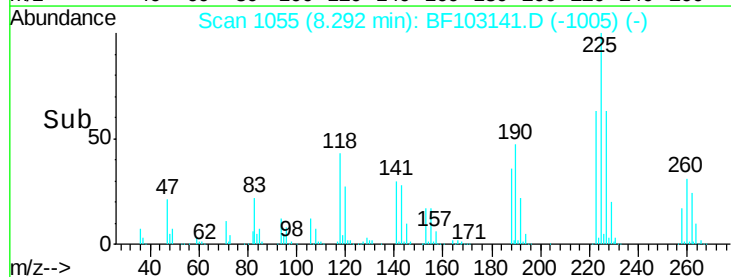


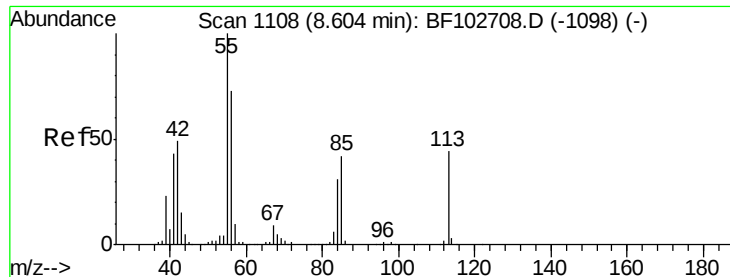
#34
Hexachlorobutadiene
Concen: 36.623 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF103141.D
Acq: 21 Feb 2018 17:25

Tgt Ion:	225	Resp:	188124
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	63.4	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: 47.780 ng

RT: 8.61 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF103141.D

Acq: 21 Feb 2018 17:25

Instrument :

BNA_F

ClientSampleId :

AU-05-022018-BMSD

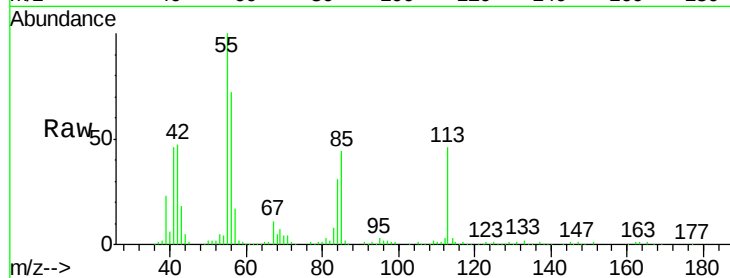
Tot Ion:113 Resp: 147034

Ion Ratio Lower Upper

113 100

55 217.7 163.3 203.3#

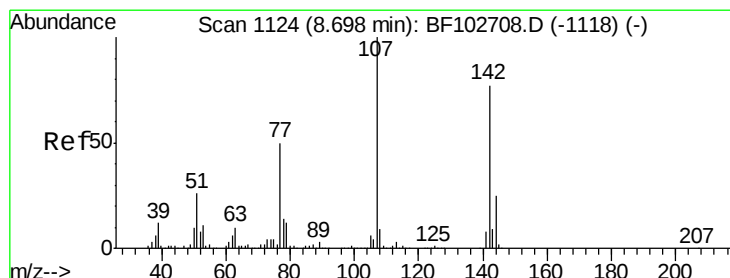
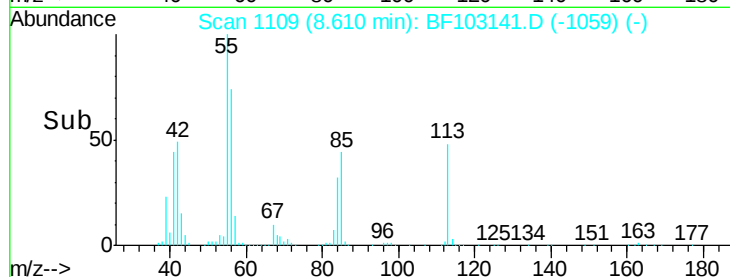
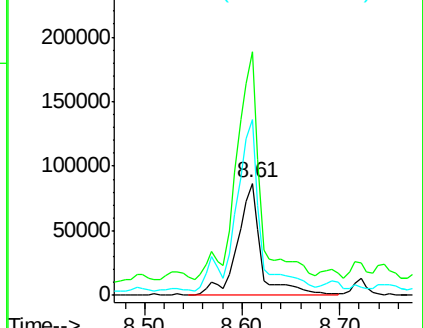
56 157.2 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 42.571 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BF103141.D

Acq: 21 Feb 2018 17:25

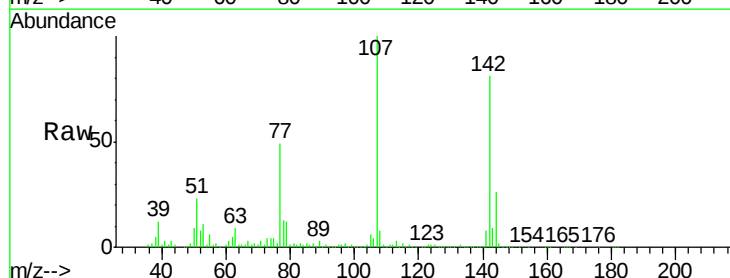
Tgt Ion:107 Resp: 423844

Ion Ratio Lower Upper

107 100

144 25.8 20.5 30.7

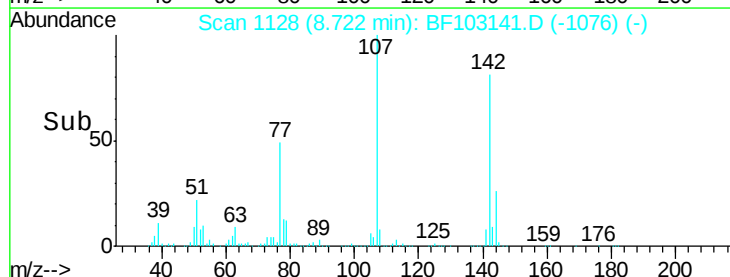
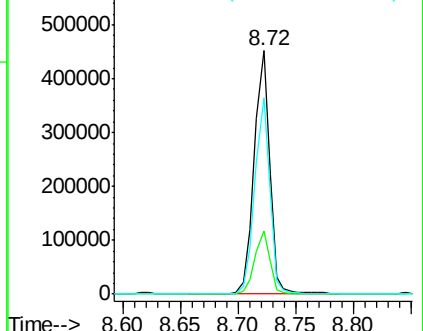
142 80.7 62.0 93.0

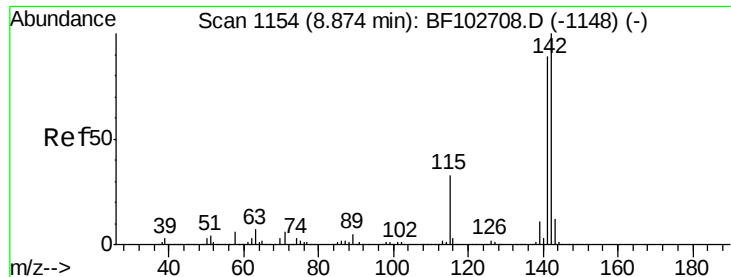


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

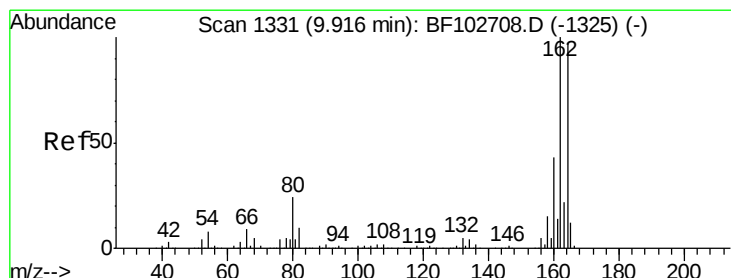
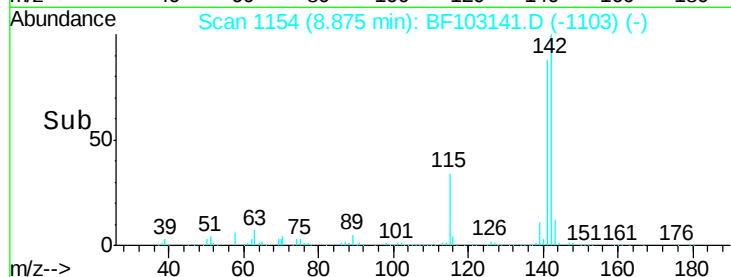
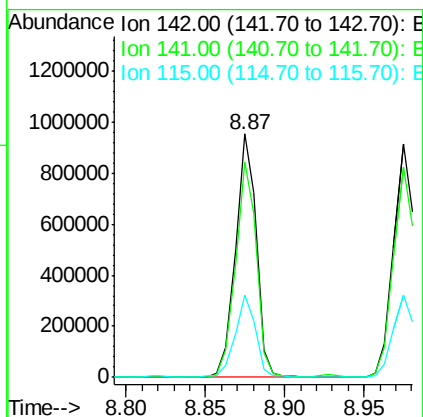
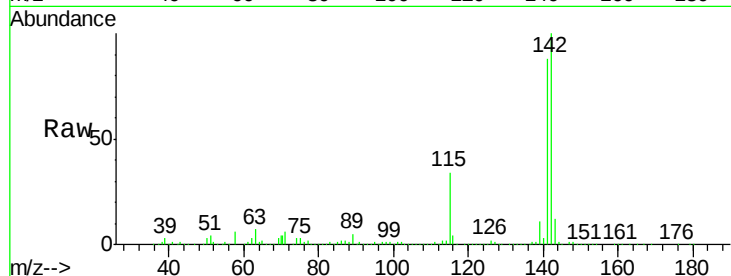




#37
2-Methylnaphthalene
Concen: 39.010 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF103141.D
Acq: 21 Feb 2018 17:25

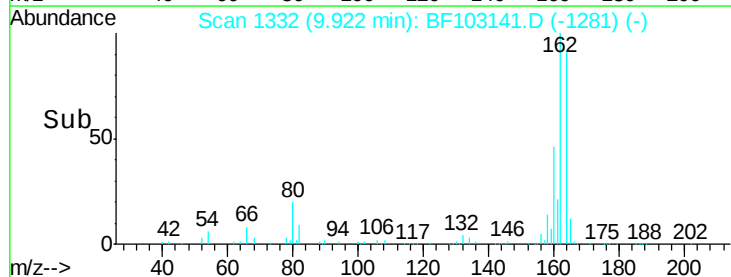
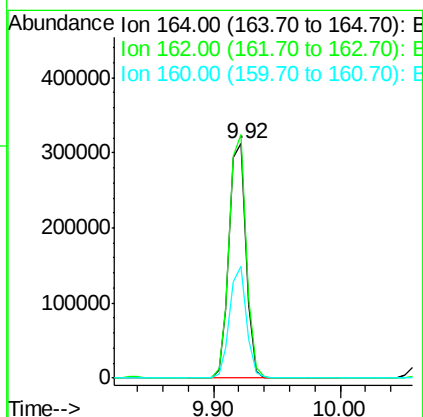
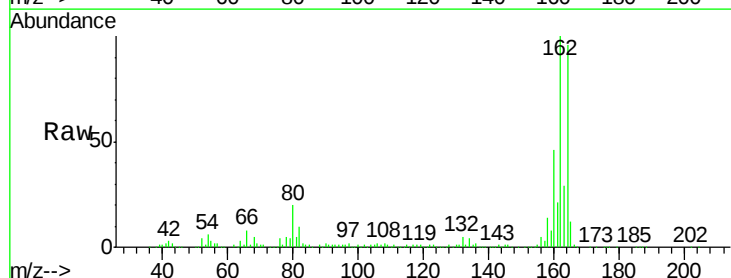
Instrument :
BNA_F
ClientSampleId :
AU-05-022018-BMSD

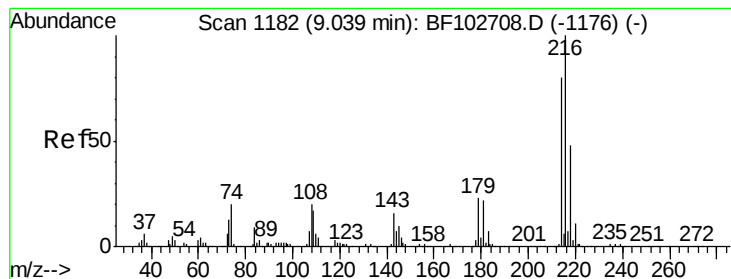
Tot Ion:142 Resp: 867360
Ion Ratio Lower Upper
142 100
141 88.3 70.8 106.2
115 33.9 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF103141.D
Acq: 21 Feb 2018 17:25

Tgt Ion:164 Resp: 289612
Ion Ratio Lower Upper
164 100
162 104.0 86.1 129.1
160 47.7 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.723 ng

RT: 9.04 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF103141.D

Acq: 21 Feb 2018 17:25

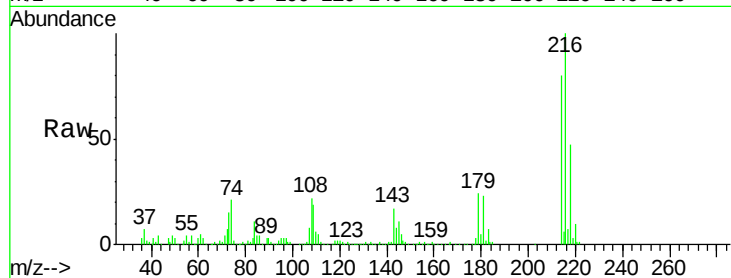
Instrument :

BNA_F

ClientSampleId :

AU-05-022018-BMSD

Tot Ion:216	Resp:	321127
Ion Ratio	Lower	Upper
216	100	
214	79.1	63.0 94.4
179	23.2	18.1 27.1
108	21.1	17.2 25.8

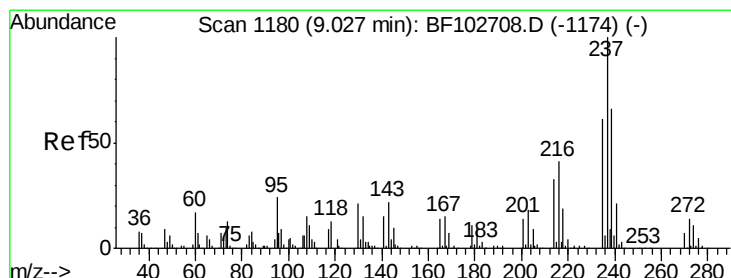
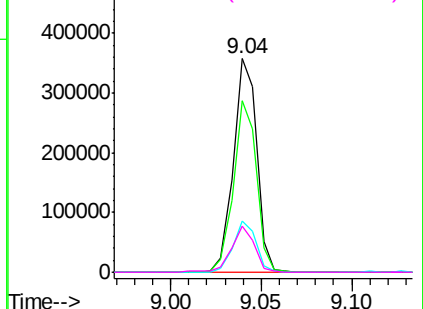
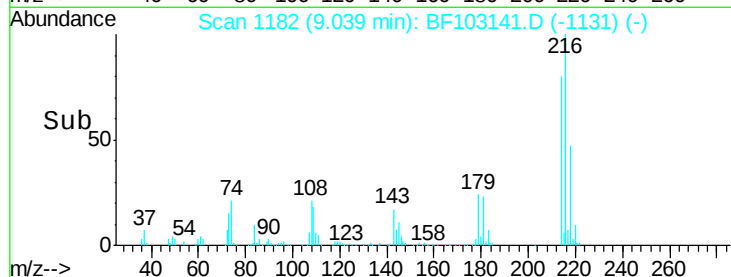


Abundance Ion 216.00 (215.70 to 216.70): E

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: 6.101 ng

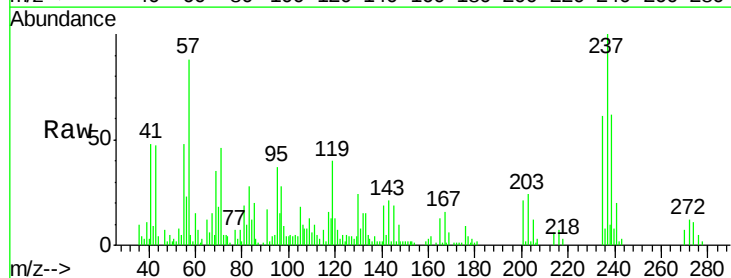
RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF103141.D

Acq: 21 Feb 2018 17:25

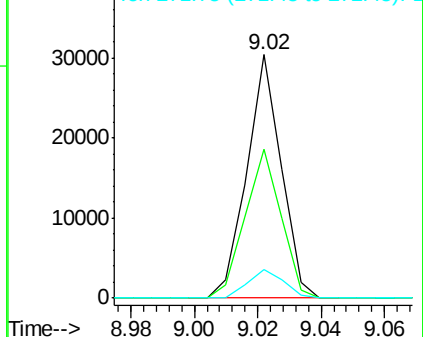
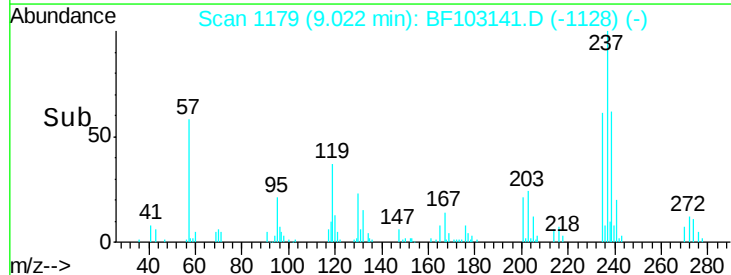
Tgt Ion:237	Resp:	22871
Ion Ratio	Lower	Upper
237	100	
235	61.4	44.8 84.8
272	12.0	0.0 33.3

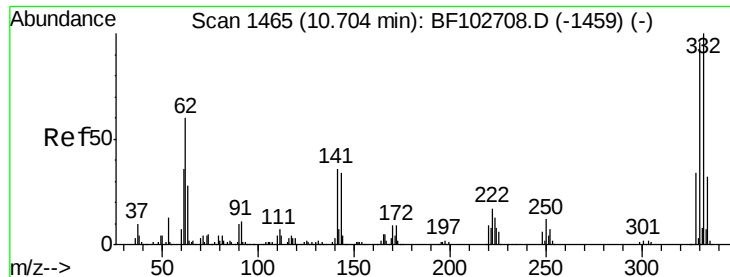


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

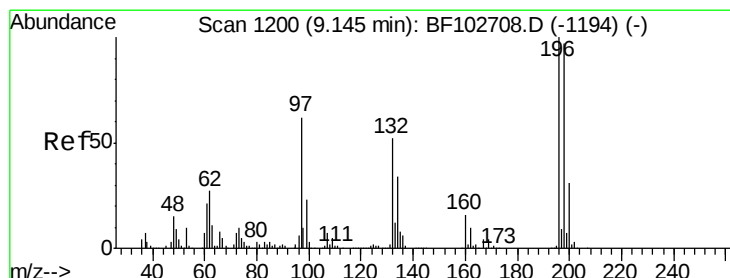
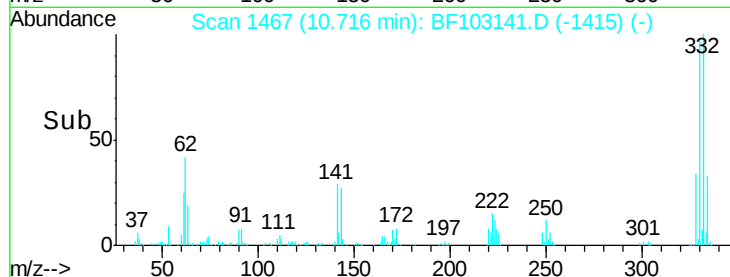
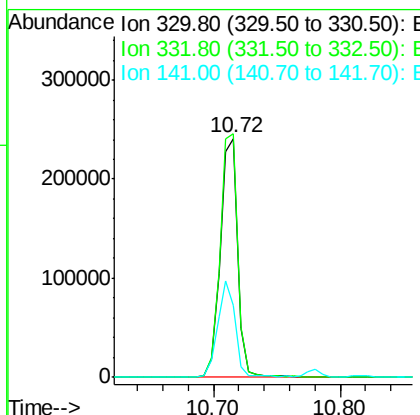
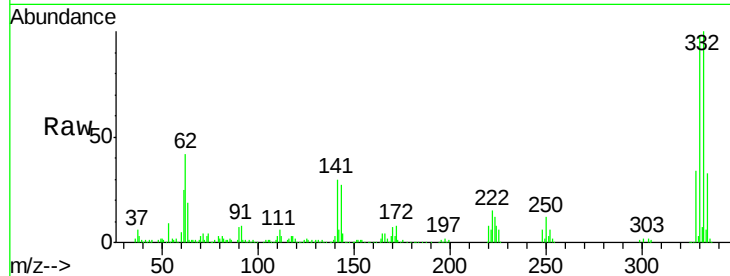




#41
 2,4,6-Tribromophenol
 Concen: 100.533 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF103141.D
 Acq: 21 Feb 2018 17:25

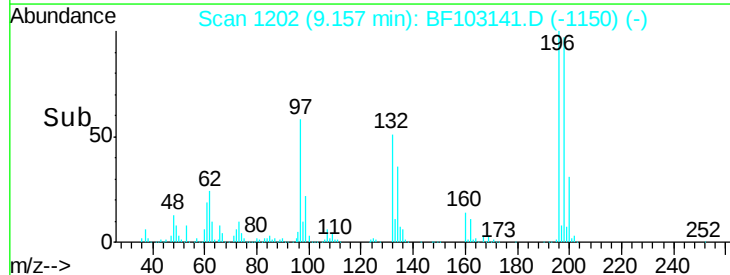
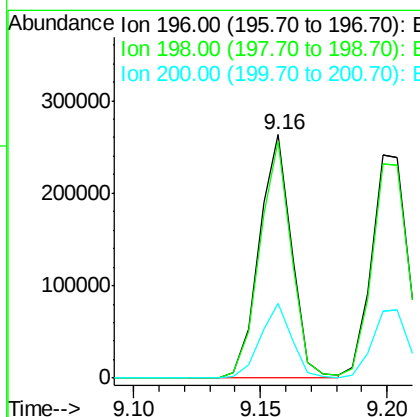
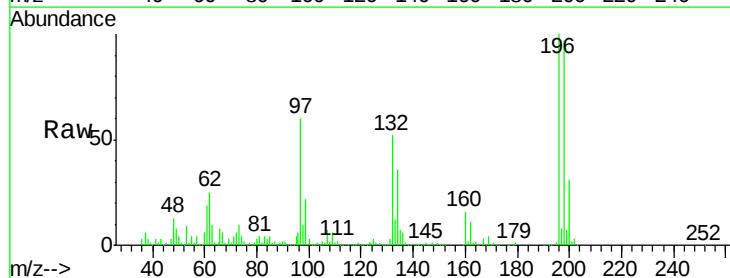
Instrument :
 BNA_F
 ClientSampleId :
 AU-05-022018-BMSD

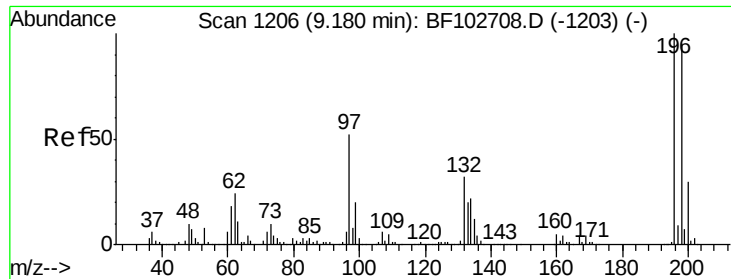
Tot Ion	Ratio	Lower	Upper
330	100		
332	103.1	77.0	115.6
141	39.5	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 45.174 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF103141.D
 Acq: 21 Feb 2018 17:25

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.4	75.7	113.5
200	30.6	24.5	36.7

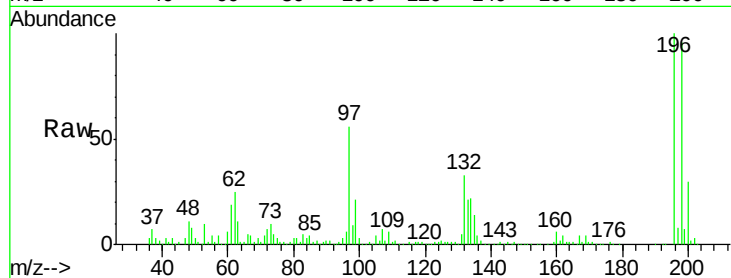




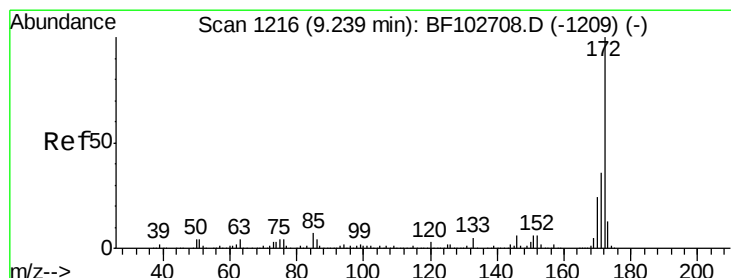
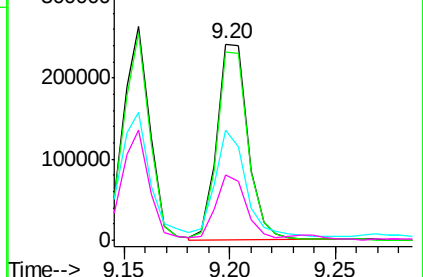
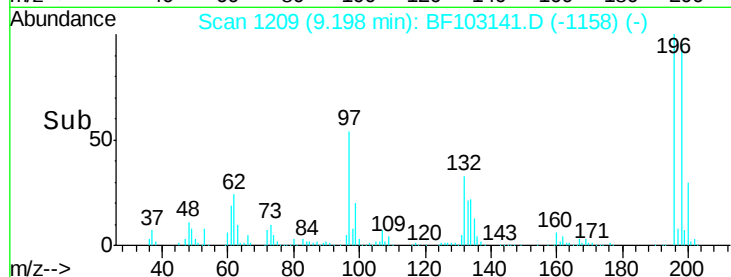
#43
 2,4,5-Trichlorophenol
 Concen: 42.302 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF103141.D
 Acq: 21 Feb 2018 17:25

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-022018-BMSD

Tot Ion:196	Resp:	246951
Ion Ratio	Lower	Upper
196	100	
198	95.7	74.6 112.0
97	56.1	42.9 64.3
132	33.5	26.3 39.5

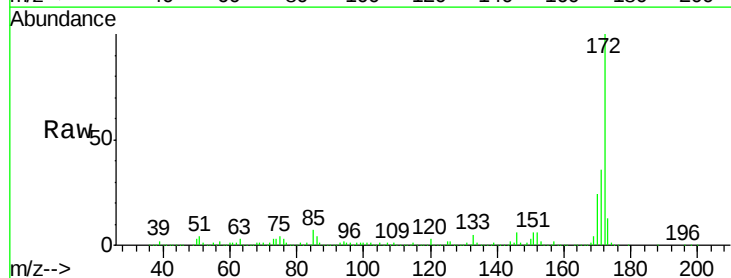


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

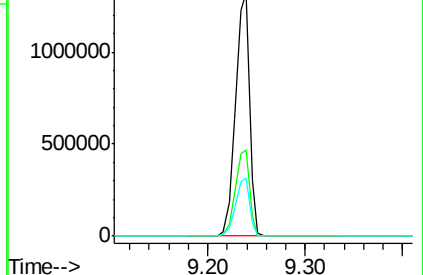
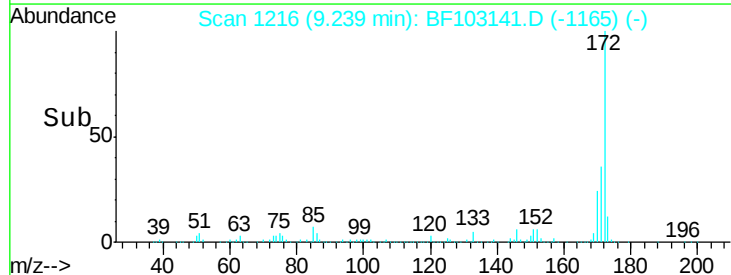


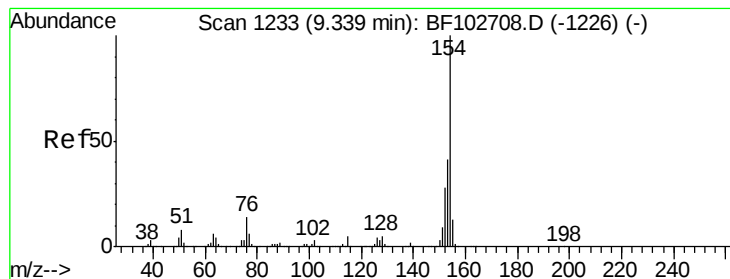
#44
 2-Fluorobiphenyl
 Concen: 75.359 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF103141.D
 Acq: 21 Feb 2018 17:25

Tgt Ion:172	Resp:	1315259
Ion Ratio	Lower	Upper
172	100	
171	35.5	29.7 44.5
170	23.7	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: 38.661 ng

RT: 9.34 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BF103141.D

Acq: 21 Feb 2018 17:25

Instrument :

BNA_F

ClientSampleId :

AU-05-022018-BMSD

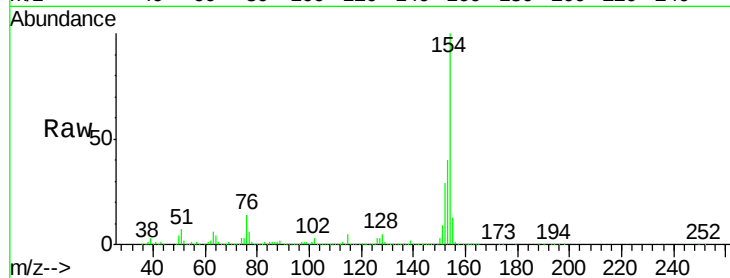
Tot Ion:154 Resp: 943056

Ion Ratio Lower Upper

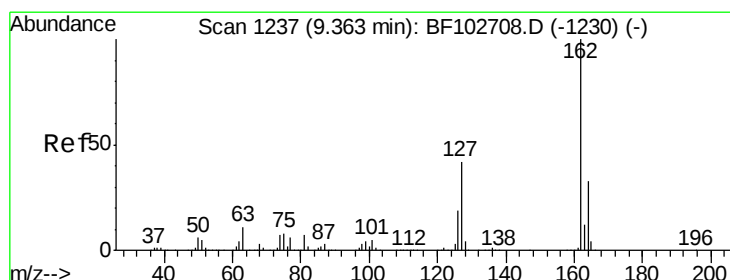
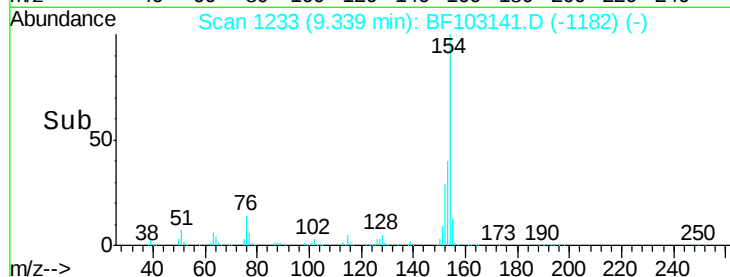
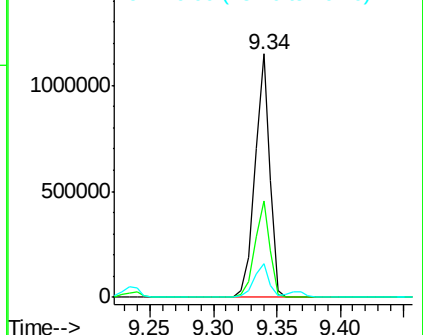
154 100

153 39.8 21.3 61.3

76 14.0 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: 38.654 ng

RT: 9.37 min Scan# 1238

Delta R.T. 0.00 min

Lab File: BF103141.D

Acq: 21 Feb 2018 17:25

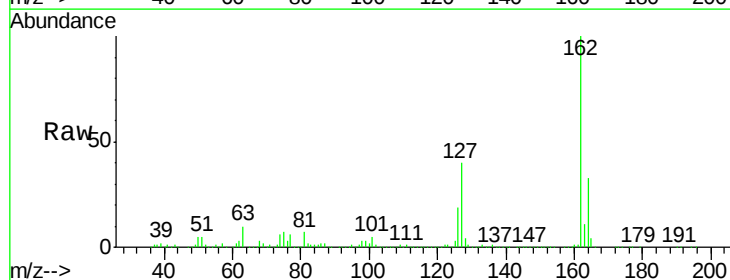
Tgt Ion:162 Resp: 742322

Ion Ratio Lower Upper

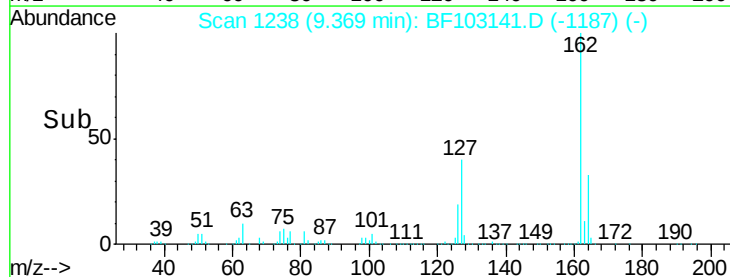
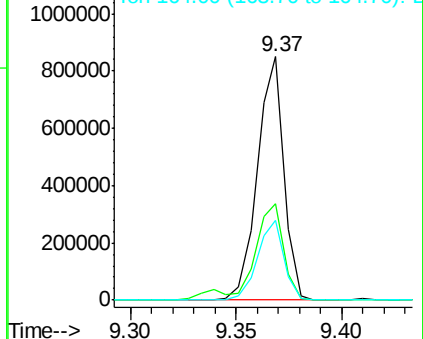
162 100

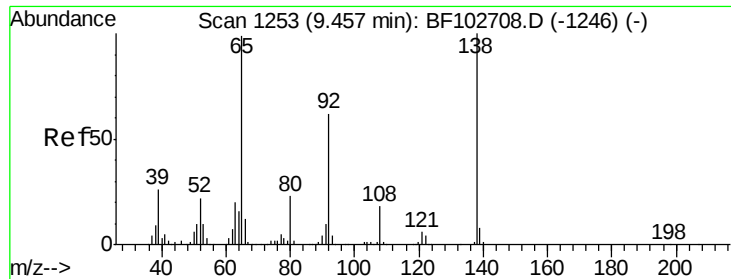
127 39.6 33.9 50.9

164 32.5 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

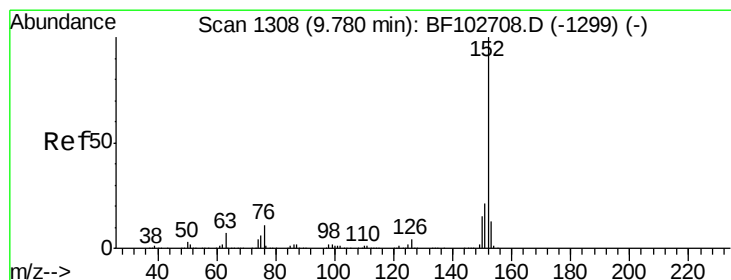
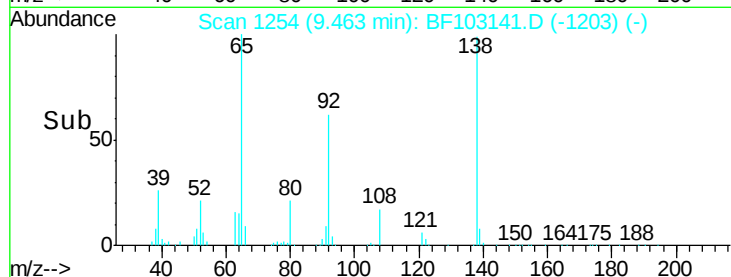
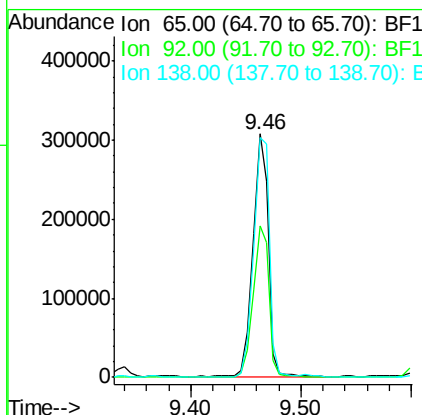
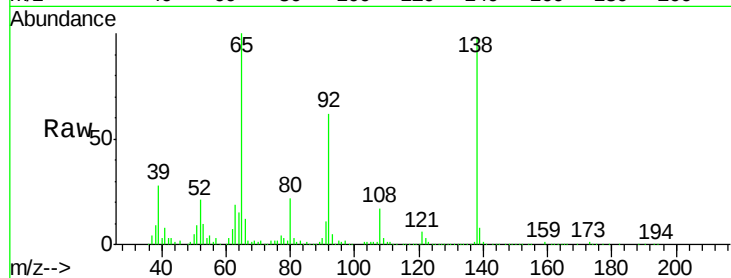




#47
2-Nitroaniline
Concen: 50.303 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF103141.D
Acq: 21 Feb 2018 17:25

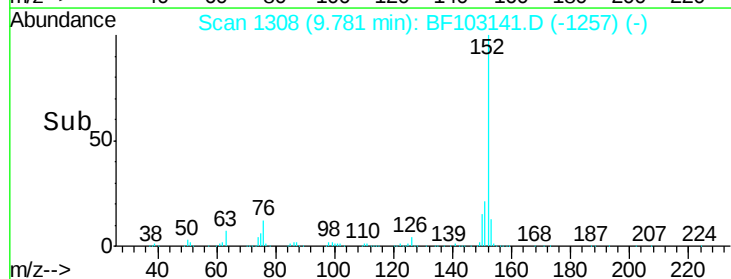
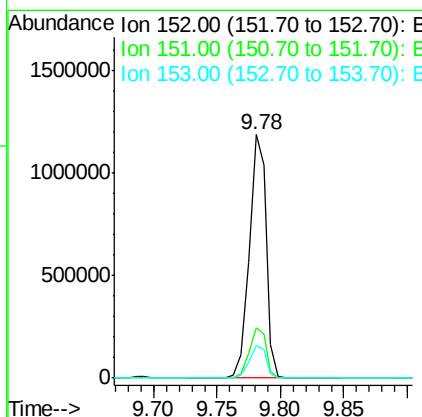
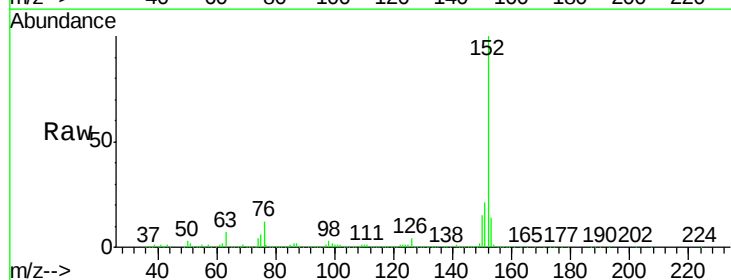
Instrument :
BNA_F
ClientSampleId :
AU-05-022018-BMSD

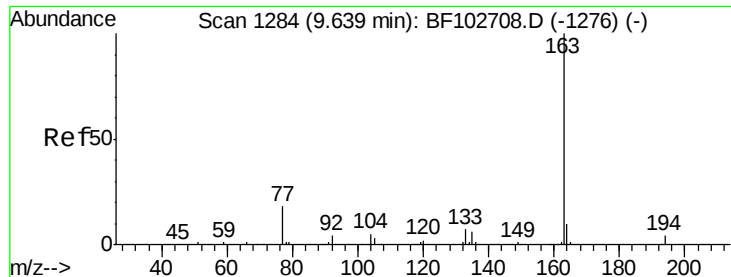
Tot Ion: 65 Resp: 299154
Ion Ratio Lower Upper
65 100
92 62.4 55.8 83.6
138 98.4 91.2 136.8



#48
Acenaphthylene
Concen: 36.748 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BF103141.D
Acq: 21 Feb 2018 17:25

Tgt Ion: 152 Resp: 1096092
Ion Ratio Lower Upper
152 100
151 20.9 16.3 24.5
153 13.5 10.7 16.1

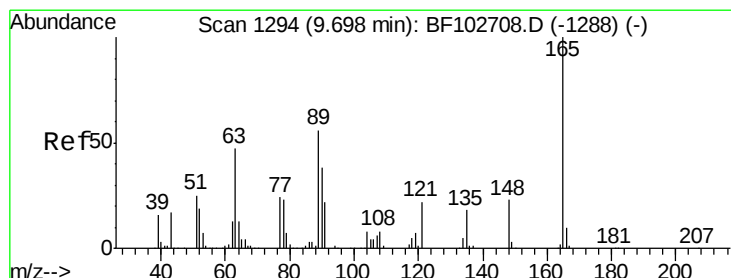
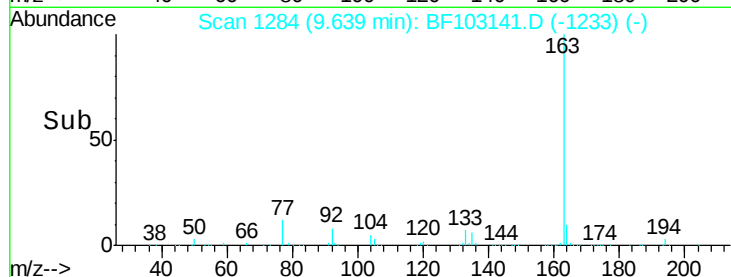
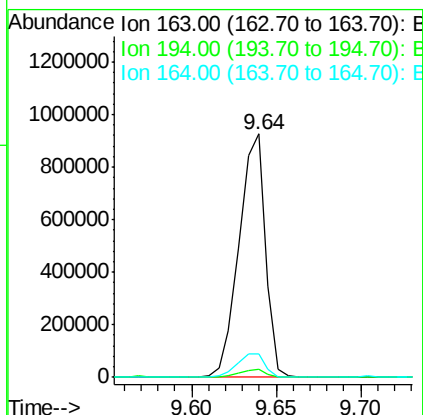
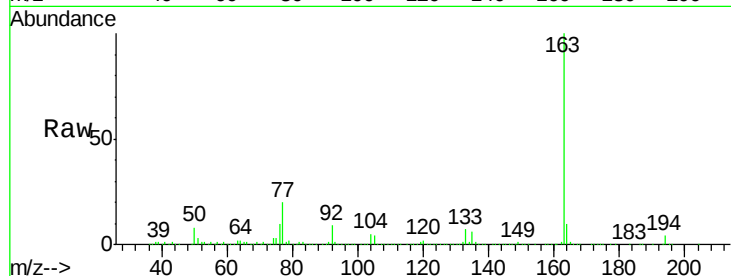




#49
Dimethylphthalate
Concen: 44.640 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF103141.D
Acq: 21 Feb 2018 17:25

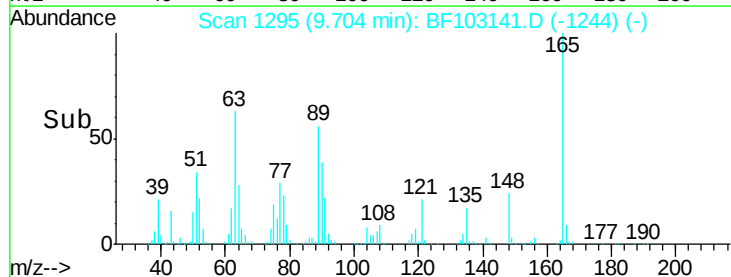
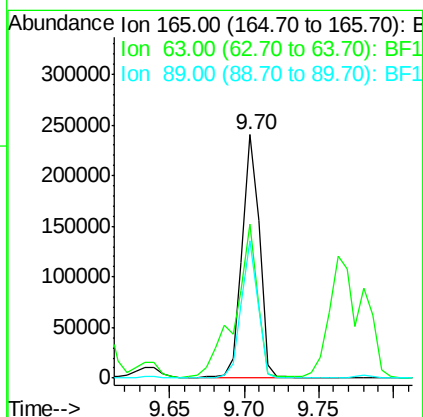
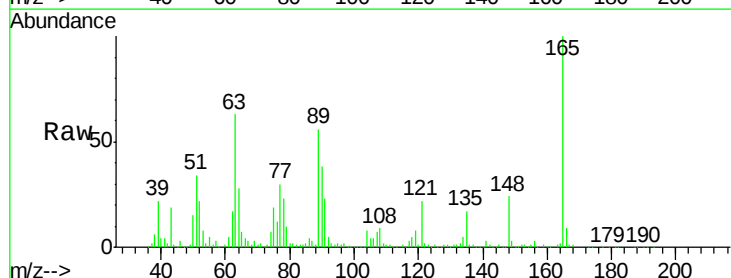
Instrument :
BNA_F
ClientSampleId :
AU-05-022018-BMSD

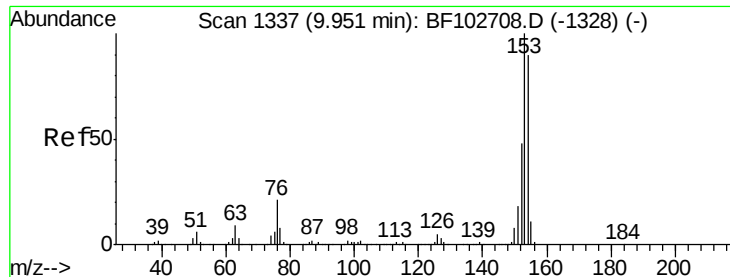
Tot Ion:163 Resp: 1008049
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.9 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 44.763 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF103141.D
Acq: 21 Feb 2018 17:25

Tgt Ion:165 Resp: 192312
Ion Ratio Lower Upper
165 100
63 63.4 44.7 67.1
89 56.4 44.0 66.0





#51

Acenaphthene

Concen: 35.204 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF103141.D

Acq: 21 Feb 2018 17:25

Instrument :

BNA_F

ClientSampleId :

AU-05-022018-BMSD

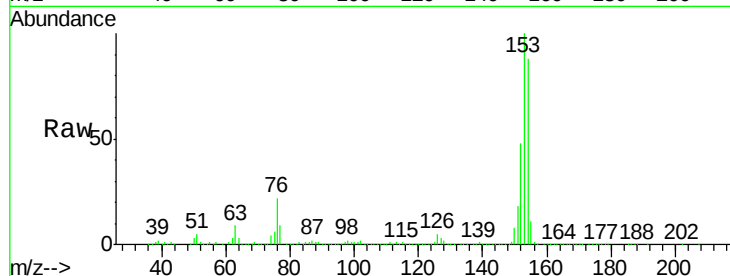
Tot Ion:154 Resp: 627946

Ion Ratio Lower Upper

154 100

153 113.6 91.2 136.8

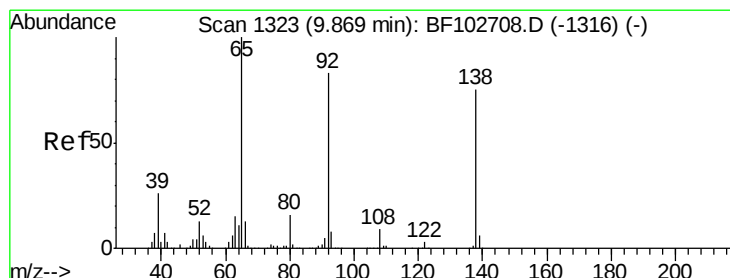
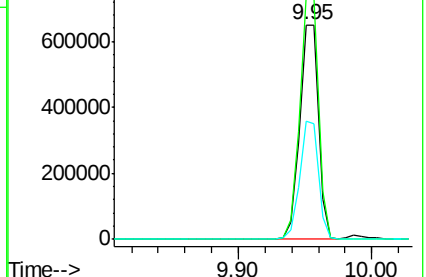
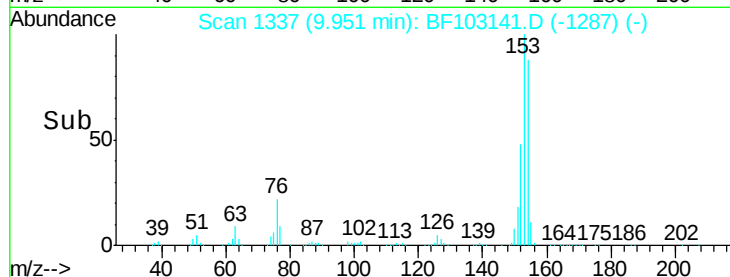
152 55.0 43.8 65.8



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: 36.946 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF103141.D

Acq: 21 Feb 2018 17:25

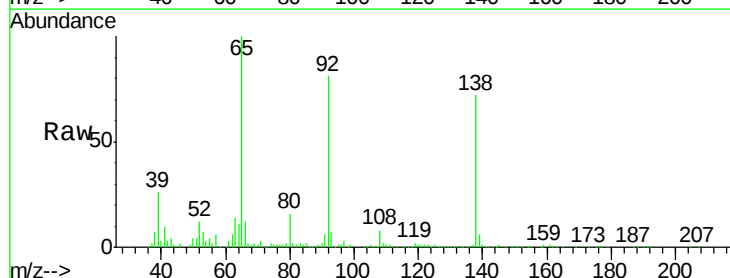
Tgt Ion:138 Resp: 195305

Ion Ratio Lower Upper

138 100

108 10.7 9.4 14.0

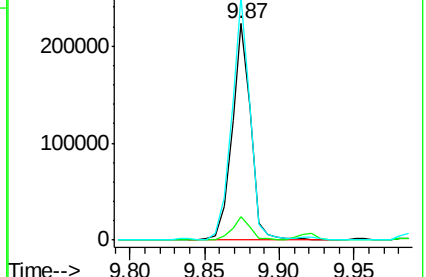
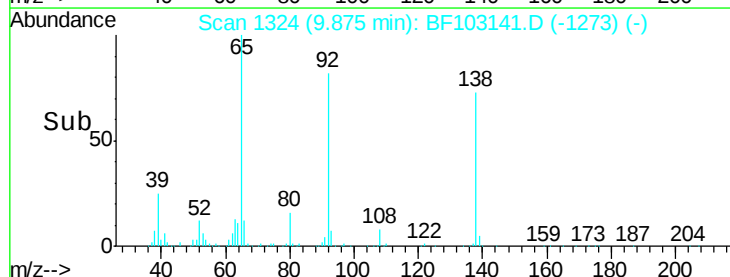
92 112.5 89.4 134.2

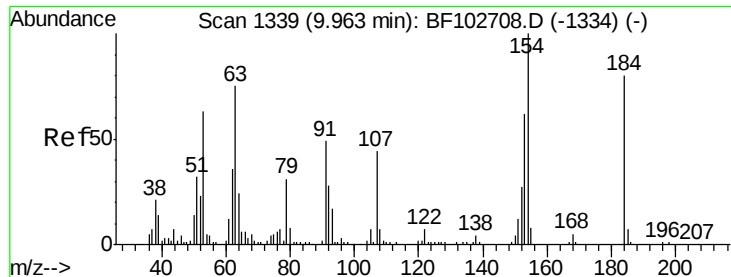


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

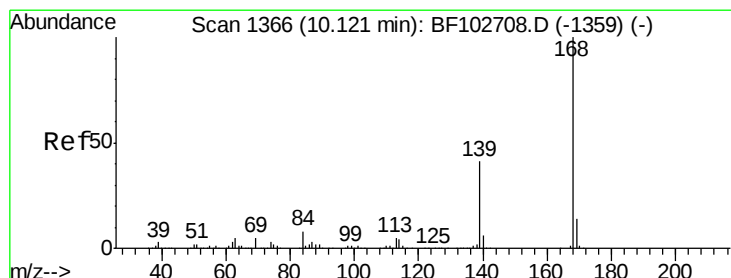
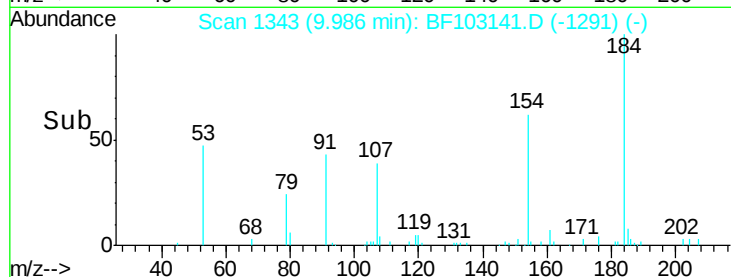
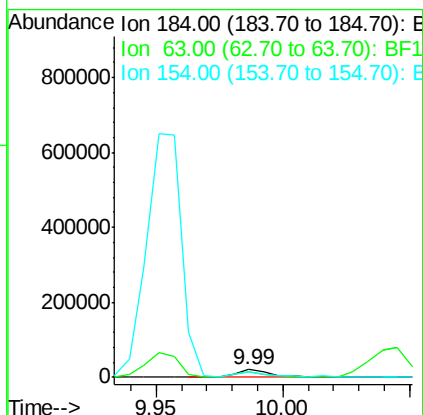
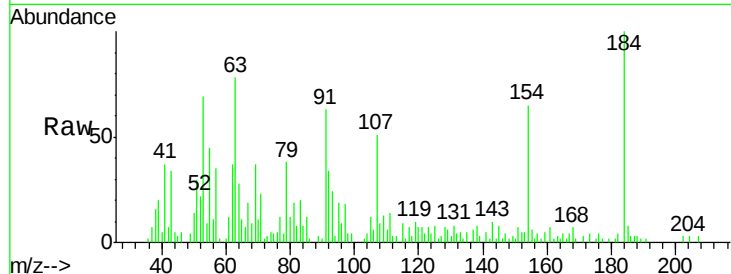




#53
2,4-Dinitrophenol
Concen: 27.917 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF103141.D
Acq: 21 Feb 2018 17:25

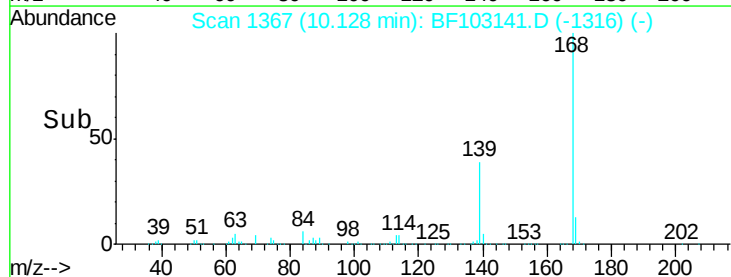
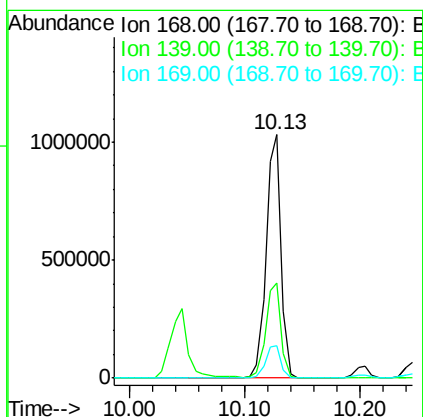
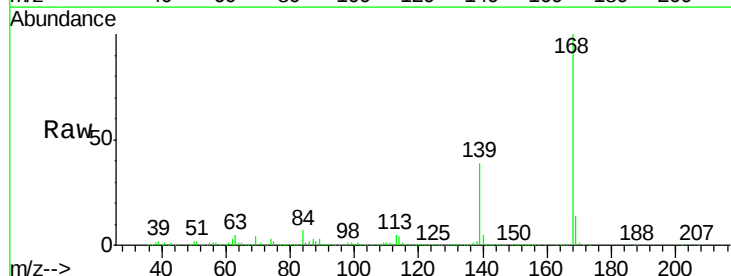
Instrument :
BNA_F
ClientSampleId :
AU-05-022018-BMSD

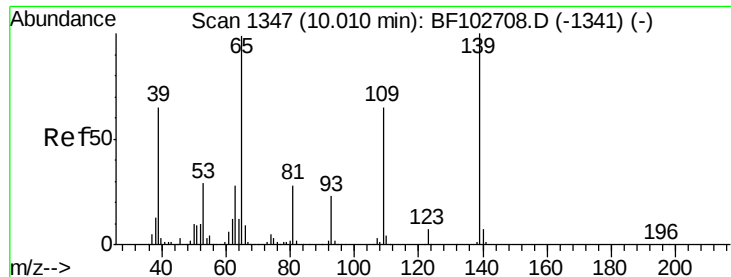
Tot Ion:184 Resp: 19487
Ion Ratio Lower Upper
184 100
63 77.9 54.2 81.2
154 65.3 184.0 276.0#



#54
Dibenzofuran
Concen: 37.403 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF103141.D
Acq: 21 Feb 2018 17:25

Tgt Ion:168 Resp: 940229
Ion Ratio Lower Upper
168 100
139 38.8 30.1 45.1
169 13.5 10.9 16.3

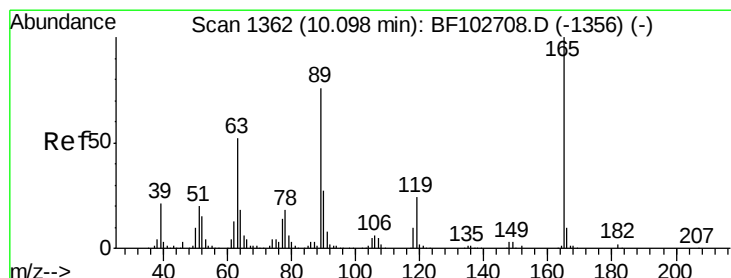
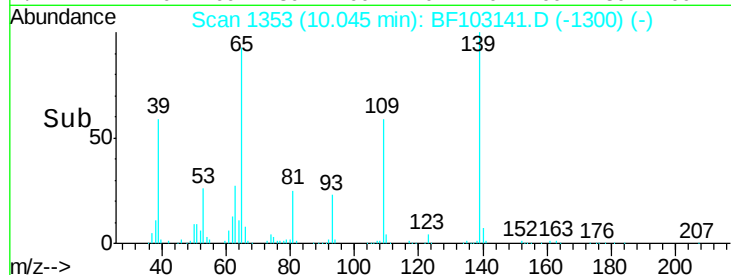
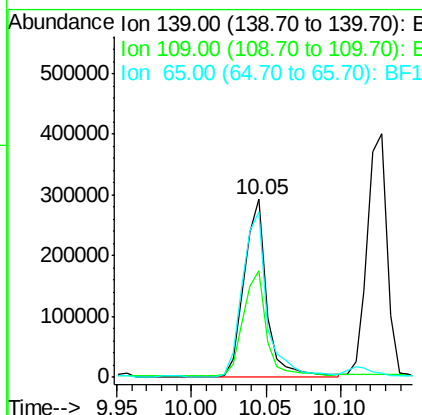
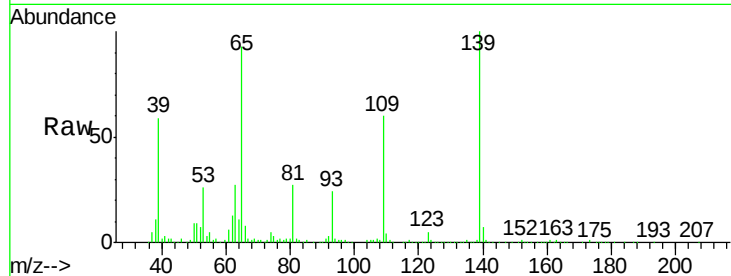




#55
4-Nitrophenol
Concen: 71.572 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF103141.D
Acq: 21 Feb 2018 17:25

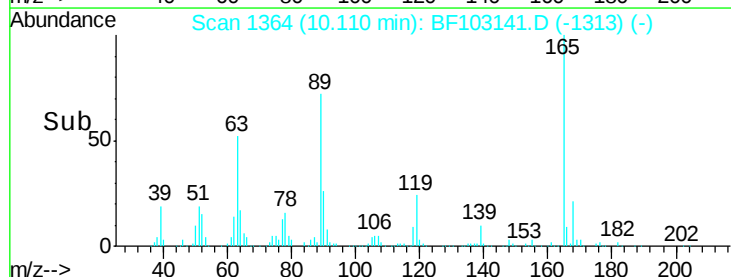
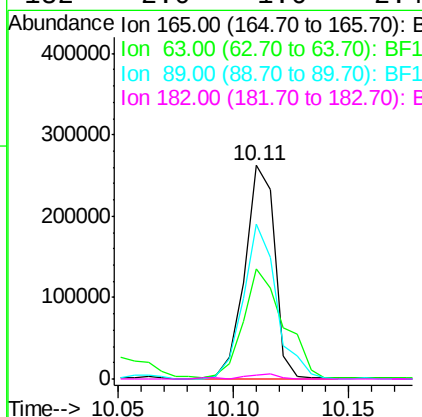
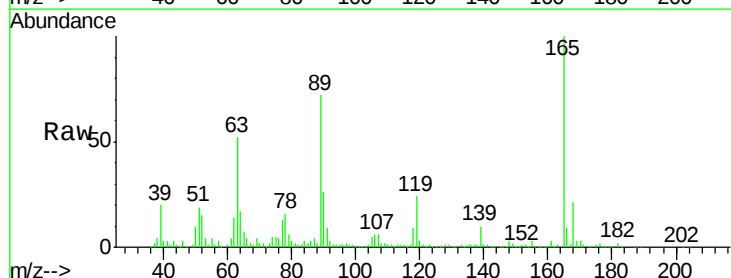
Instrument :
BNA_F
ClientSampleId :
AU-05-022018-BMSD

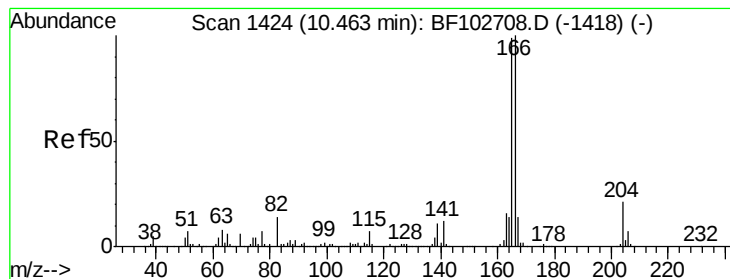
Tot Ion:139 Resp: 308981
Ion Ratio Lower Upper
139 100
109 59.9 48.4 88.4
65 92.8 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 41.516 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF103141.D
Acq: 21 Feb 2018 17:25

Tgt Ion:165 Resp: 236649
Ion Ratio Lower Upper
165 100
63 51.8 36.4 54.6
89 72.4 57.8 86.6
182 2.0 1.6 2.4





#57

Fluorene

Concen: 38.053 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BF103141.D

Acq: 21 Feb 2018 17:25

Instrument :

BNA_F

ClientSampleId :

AU-05-022018-BMSD

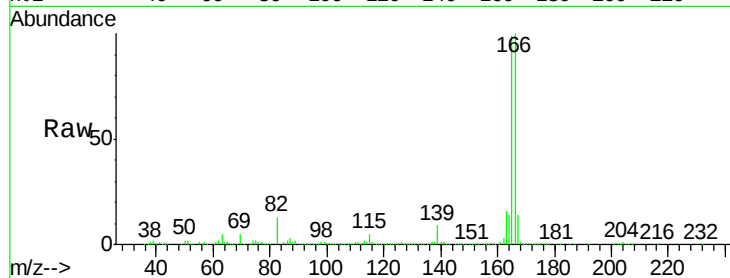
Tot Ion:166 Resp: 695972

Ion Ratio Lower Upper

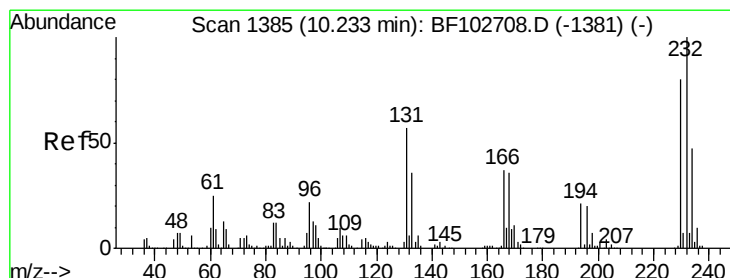
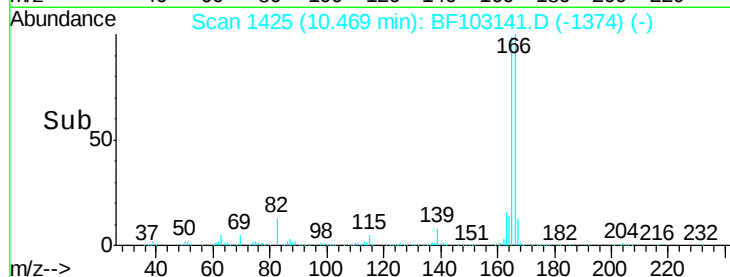
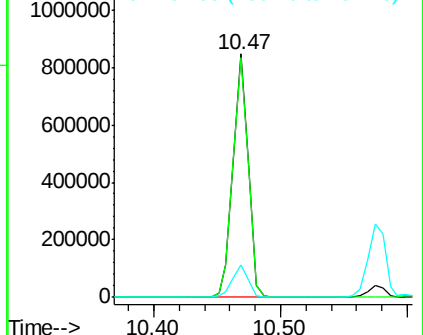
166 100

165 98.7 79.8 119.8

167 13.5 10.6 16.0



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.058 ng

RT: 10.25 min Scan# 1387

Delta R.T. 0.00 min

Lab File: BF103141.D

Acq: 21 Feb 2018 17:25

Tgt Ion:232 Resp: 166123

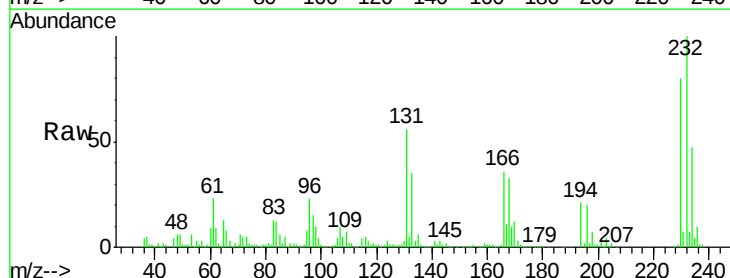
Ion Ratio Lower Upper

232 100

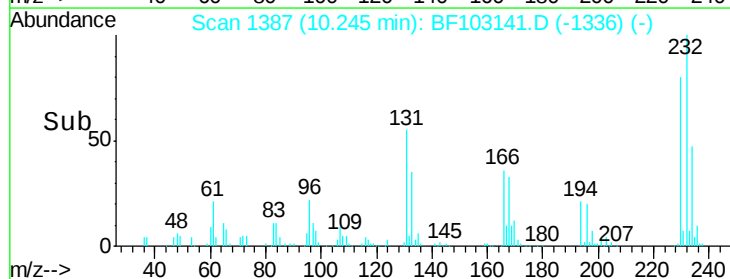
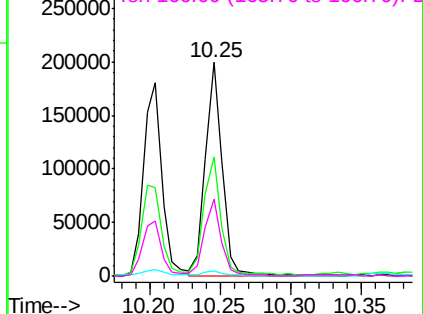
131 56.4 43.8 65.8

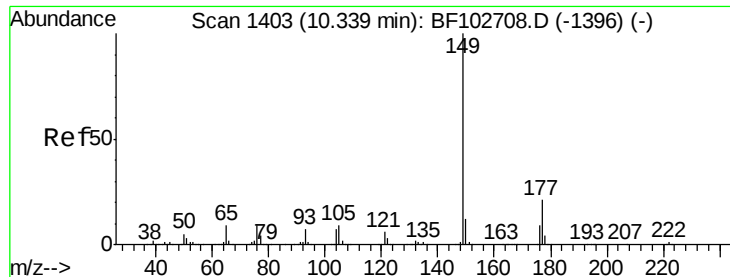
130 3.6 2.1 3.1#

166 35.5 27.8 41.6



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

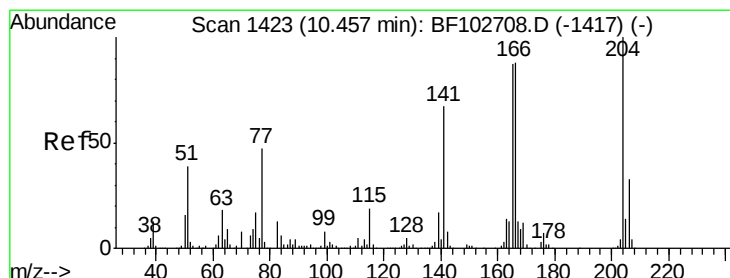
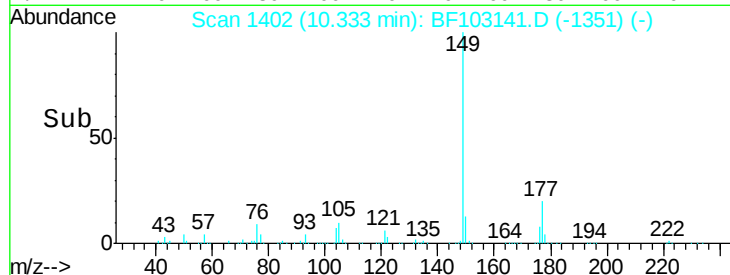
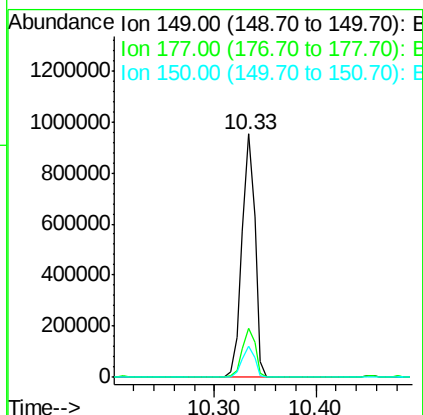
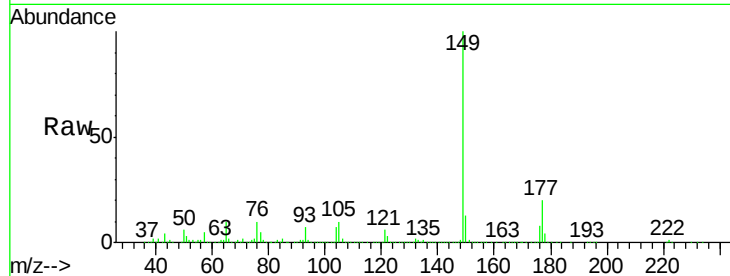




#59
Diethylphthalate
Concen: 38.161 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF103141.D
Acq: 21 Feb 2018 17:25

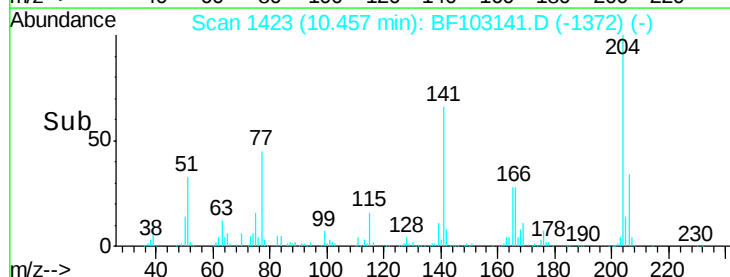
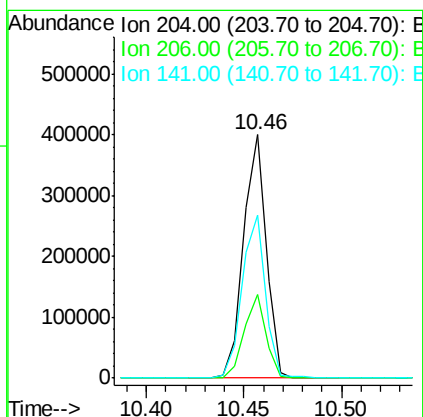
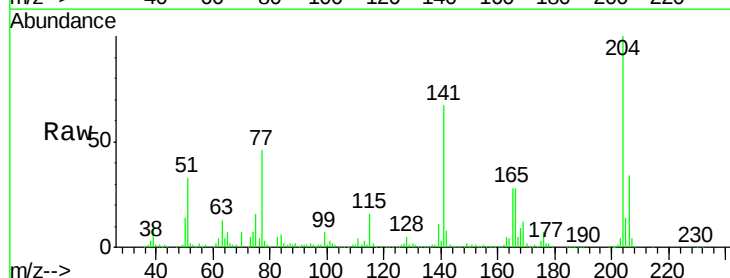
Instrument :
BNA_F
ClientSampleId :
AU-05-022018-BMSD

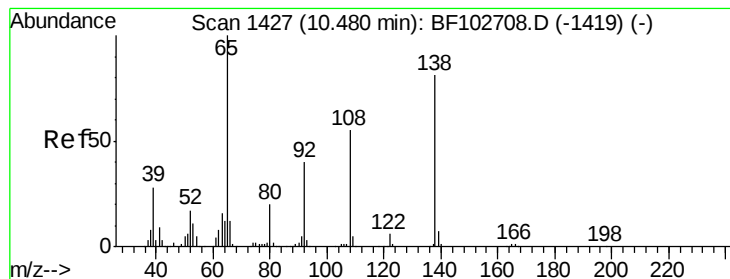
Tot Ion:149 Resp: 850885
Ion Ratio Lower Upper
149 100
177 20.3 16.1 24.1
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 40.054 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF103141.D
Acq: 21 Feb 2018 17:25

Tgt Ion:204 Resp: 324071
Ion Ratio Lower Upper
204 100
206 34.5 26.5 39.7
141 67.2 54.6 81.8





#61

4-Nitroaniline

Concen: 42.017 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BF103141.D

Acq: 21 Feb 2018 17:25

Instrument :

BNA_F

ClientSampleId :

AU-05-022018-BMSD

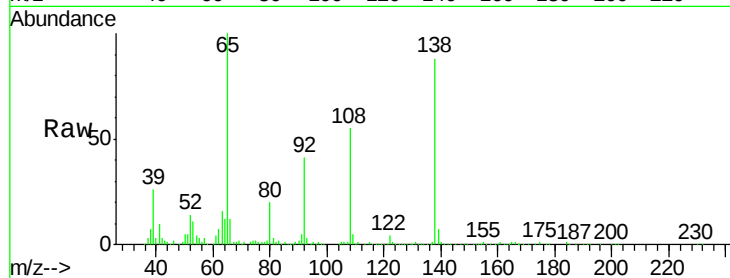
Tot Ion:138 Resp: 211419

Ion Ratio Lower Upper

138 100

92 47.1 30.2 70.2

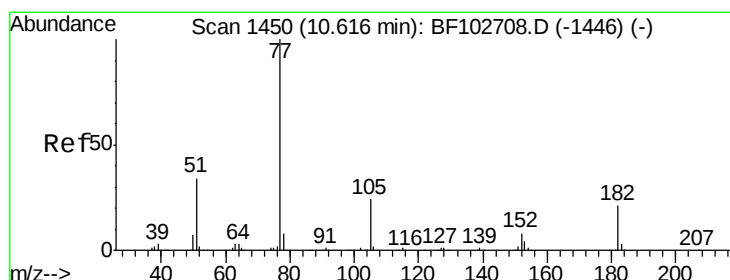
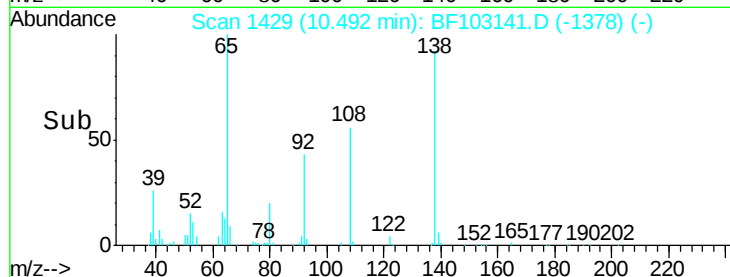
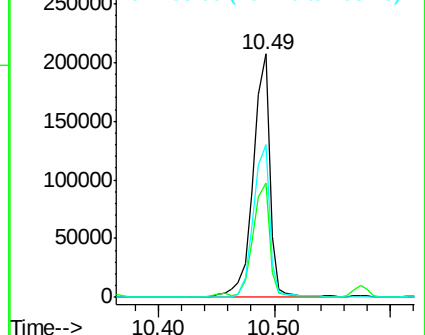
108 62.5 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.792 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF103141.D

Acq: 21 Feb 2018 17:25

Tgt Ion: 77 Resp: 819549

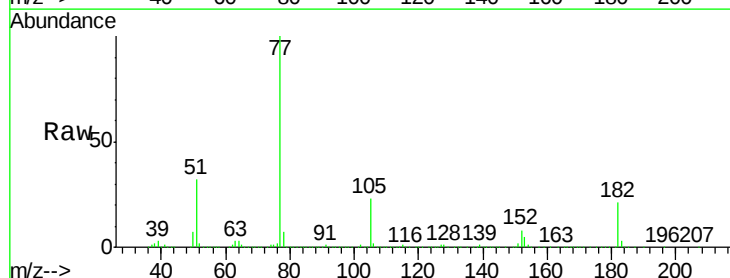
Ion Ratio Lower Upper

77 100

182 20.6 1.7 41.7

105 23.3 3.0 43.0

51 32.0 9.9 49.9

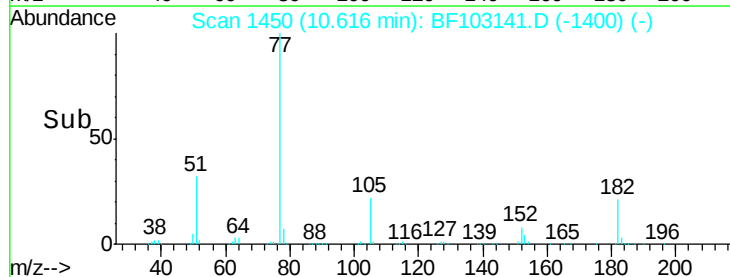
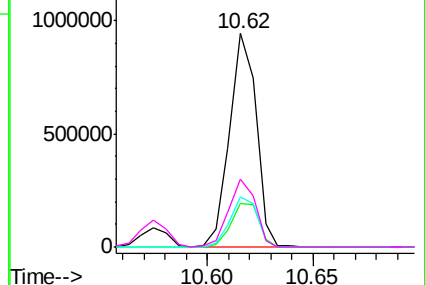


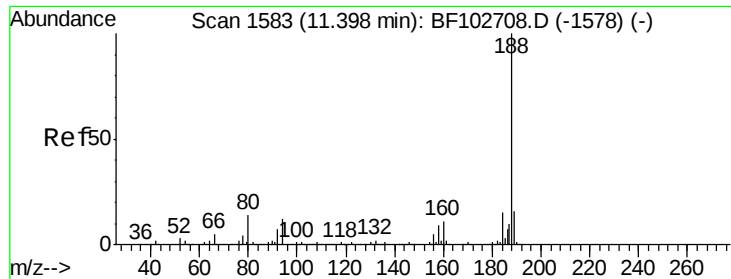
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

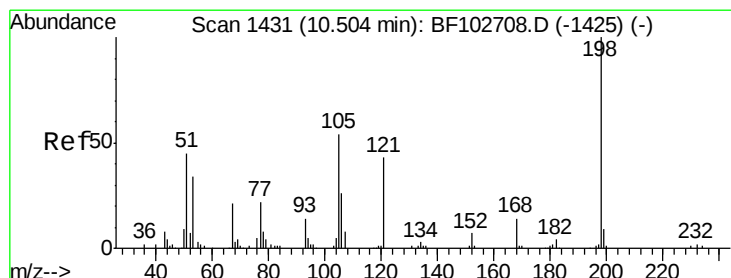
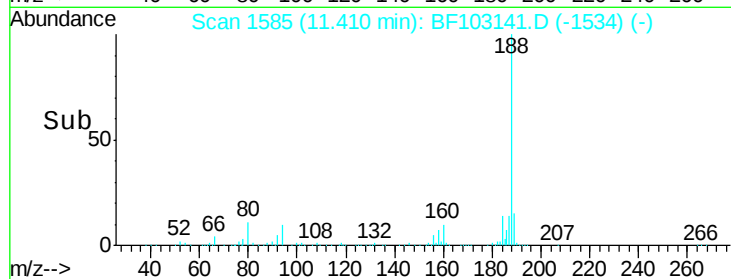
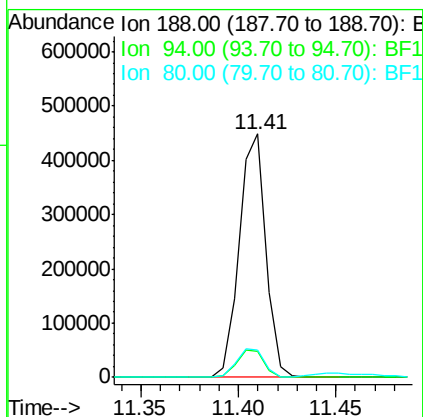
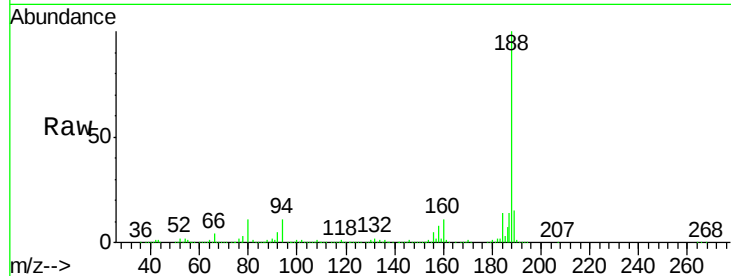




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF103141.D
Acq: 21 Feb 2018 17:25

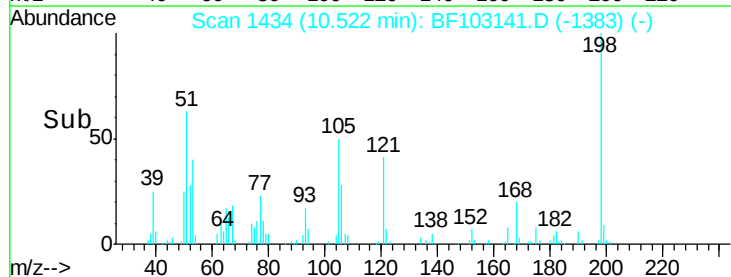
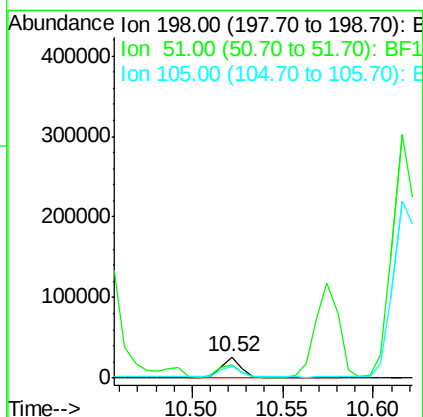
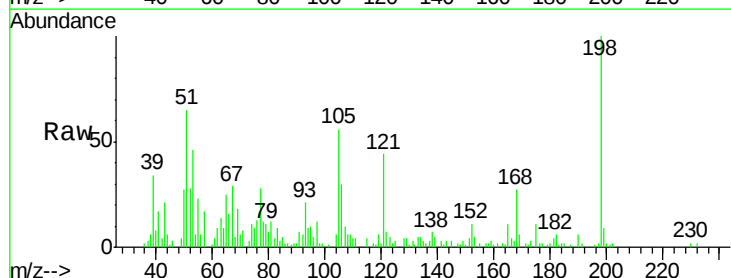
Instrument :
BNA_F
ClientSampleId :
AU-05-022018-BMSD

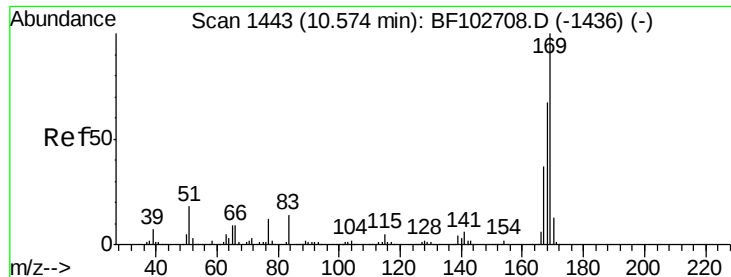
Tot Ion:188 Resp: 422234
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.1 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 19.353 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.00 min
Lab File: BF103141.D
Acq: 21 Feb 2018 17:25

Tgt Ion:198 Resp: 20743
Ion Ratio Lower Upper
198 100
51 65.1 37.7 77.7
105 55.8 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 43.952 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF103141.D

Acq: 21 Feb 2018 17:25

Instrument :

BNA_F

ClientSampleId :

AU-05-022018-BMSD

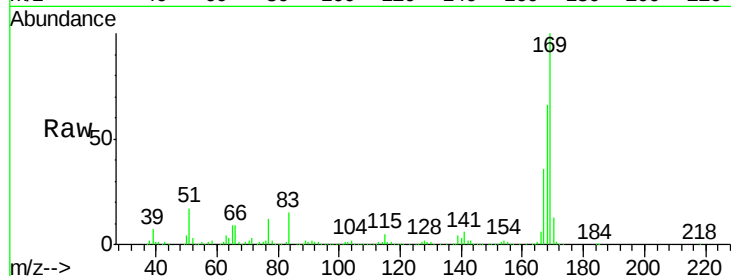
Tot Ion:169 Resp: 654595

Ion Ratio Lower Upper

169 100

168 65.5 54.4 81.6

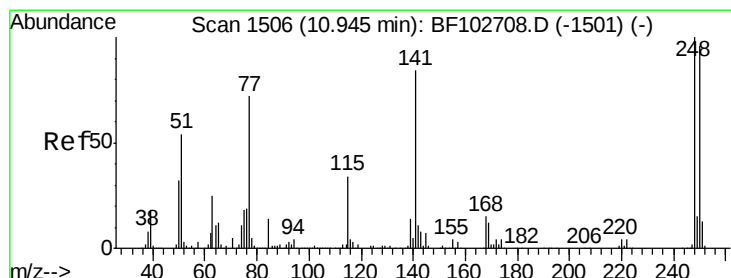
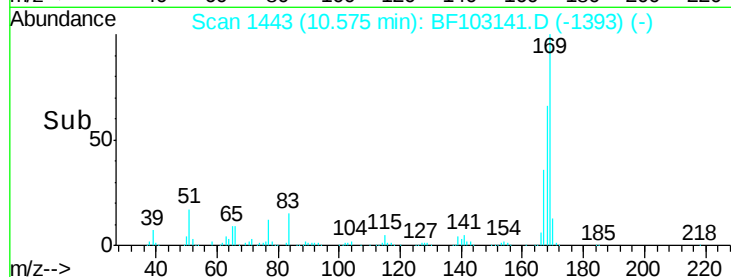
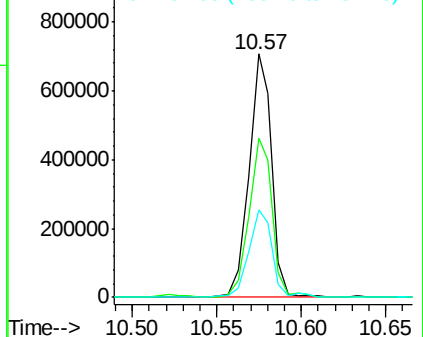
167 36.1 29.8 44.6



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: 42.184 ng

RT: 10.95 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BF103141.D

Acq: 21 Feb 2018 17:25

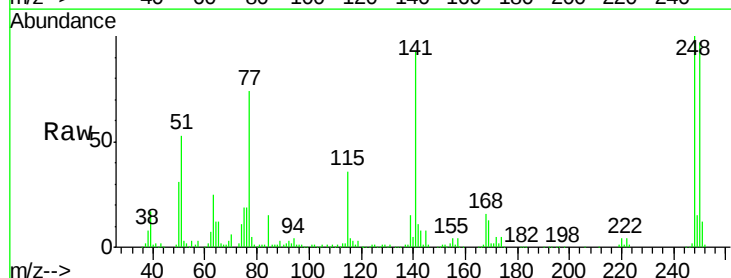
Tgt Ion:248 Resp: 188412

Ion Ratio Lower Upper

248 100

250 97.2 76.9 115.3

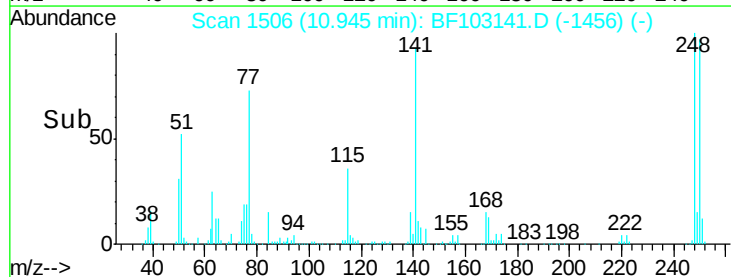
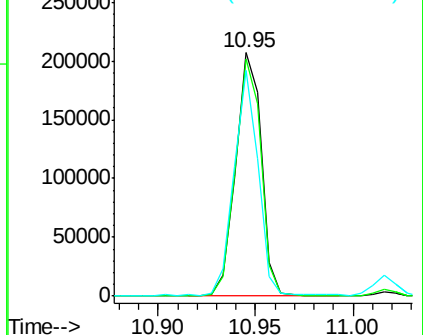
141 92.8 74.4 111.6

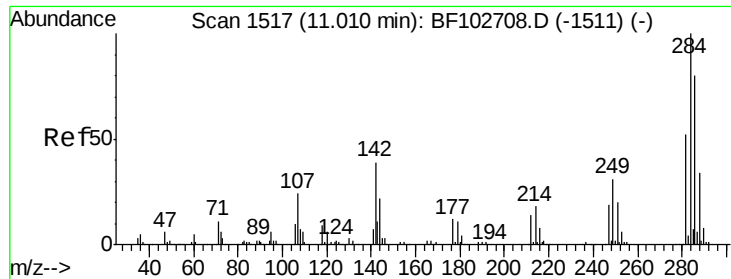


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

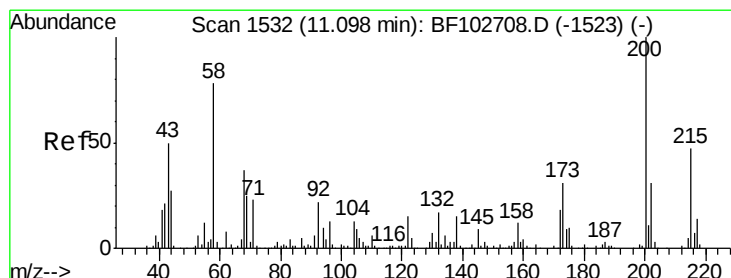
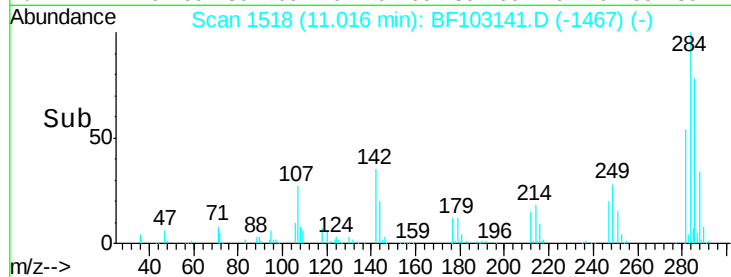
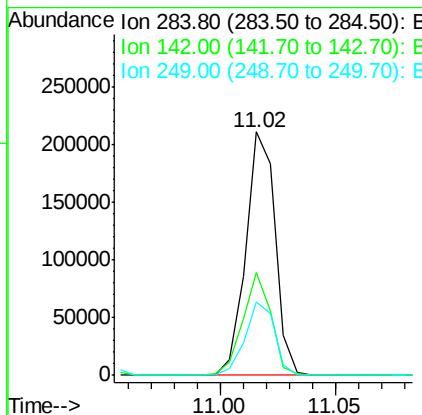
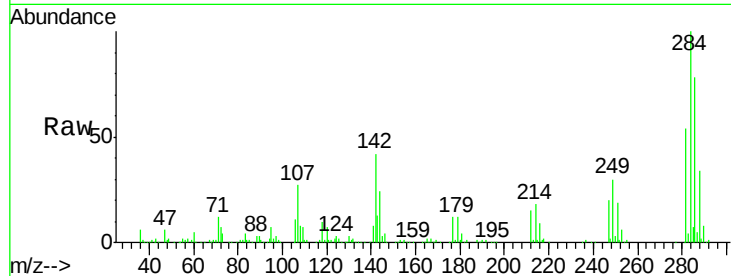




#67
Hexachlorobenzene
Concen: 38.134 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF103141.D
Acq: 21 Feb 2018 17:25

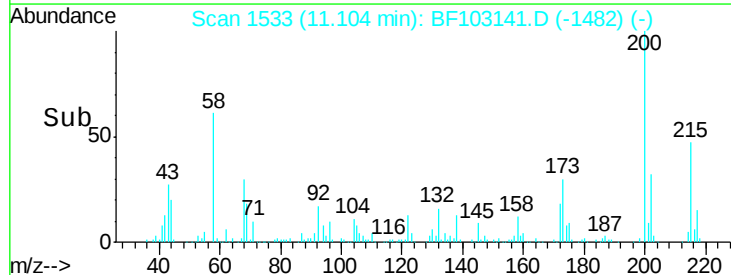
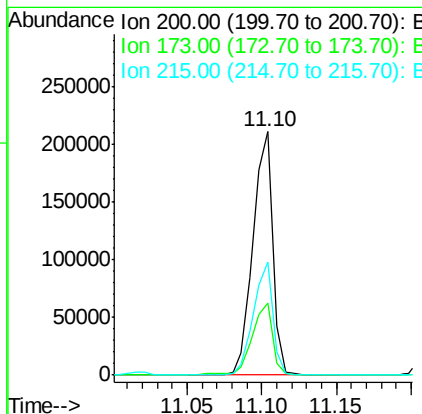
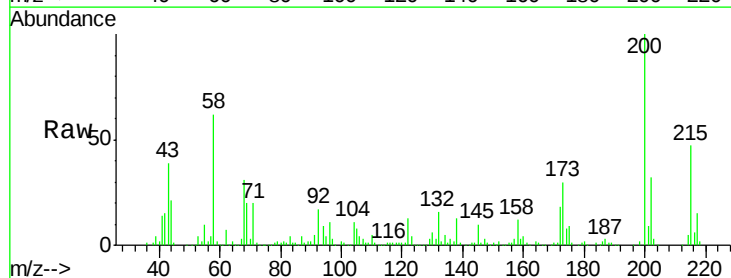
Instrument :
BNA_F
ClientSampleId :
AU-05-022018-BMSD

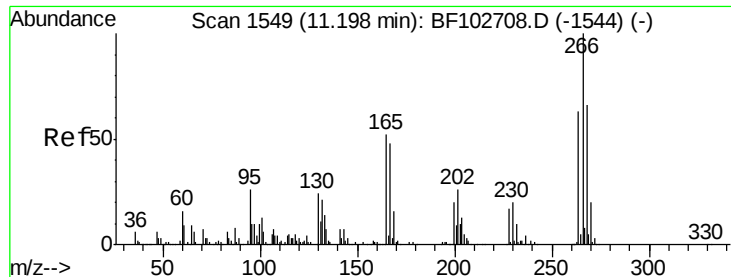
Tot Ion:284 Resp: 187897
Ion Ratio Lower Upper
284 100
142 42.1 34.6 52.0
249 30.4 24.8 37.2



#68
Atrazine
Concen: 43.851 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BF103141.D
Acq: 21 Feb 2018 17:25

Tgt Ion:200 Resp: 192667
Ion Ratio Lower Upper
200 100
173 29.7 8.6 48.6
215 46.7 25.1 65.1

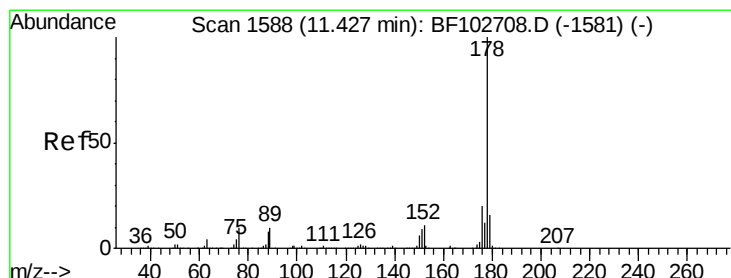
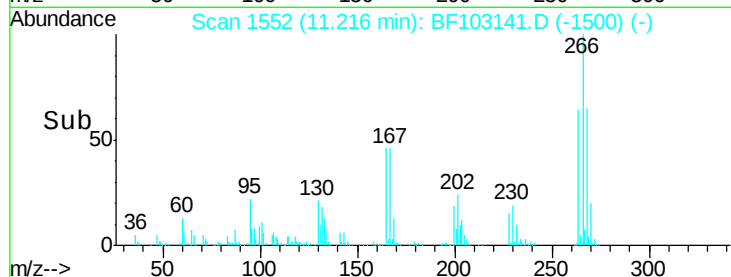
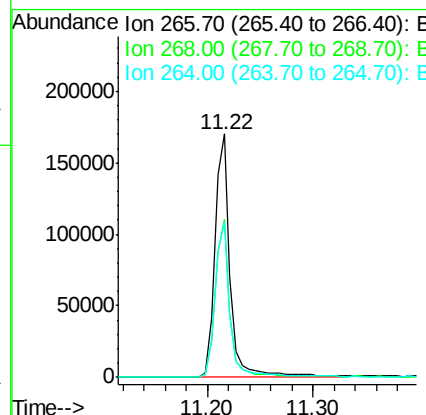
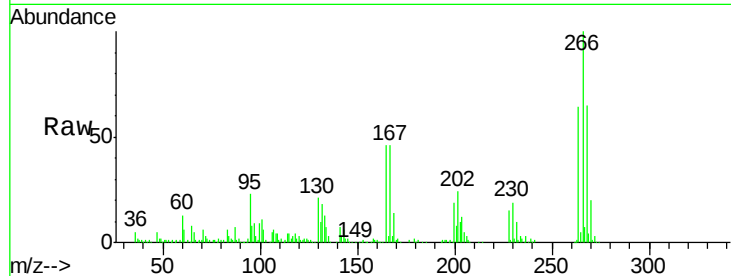




#69
 Pentachlorophenol
 Concen: 60.293 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF103141.D
 Acq: 21 Feb 2018 17:25

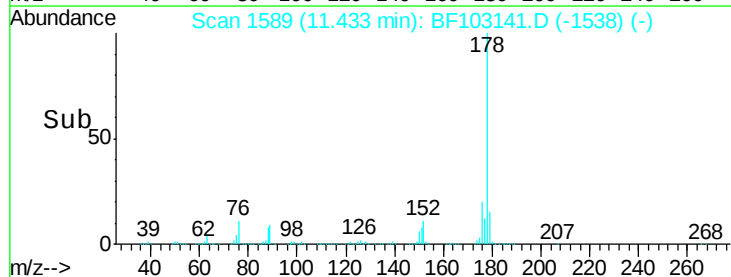
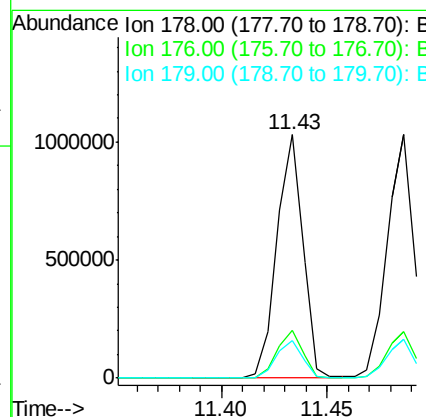
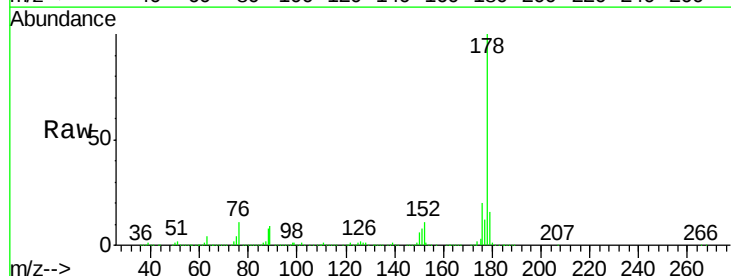
Instrument :
 BNA_F
 ClientSampleId :
 AU-05-022018-BMSD

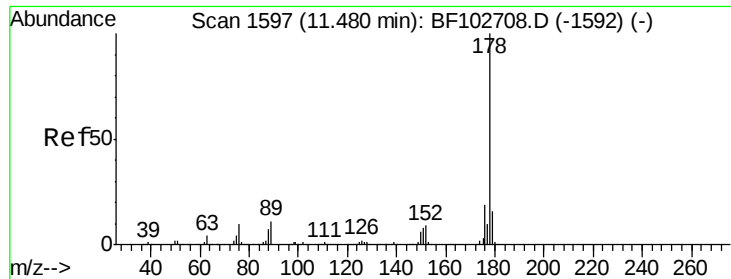
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.8	51.1	76.7
264	63.8	49.5	74.3



#70
 Phenanthrene
 Concen: 37.401 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF103141.D
 Acq: 21 Feb 2018 17:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.6	13.0	19.6

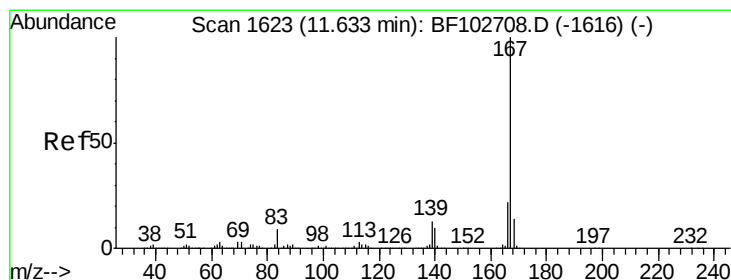
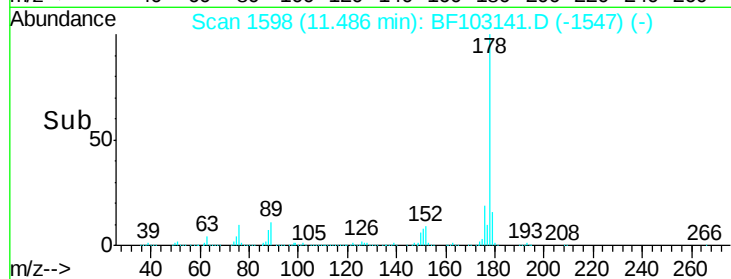
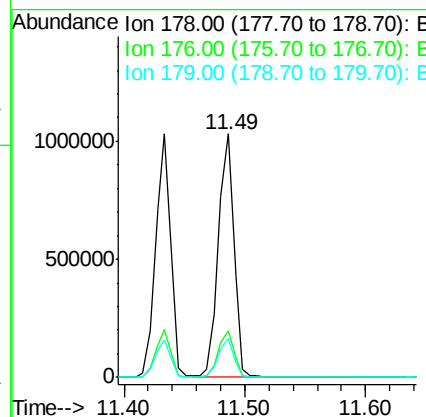
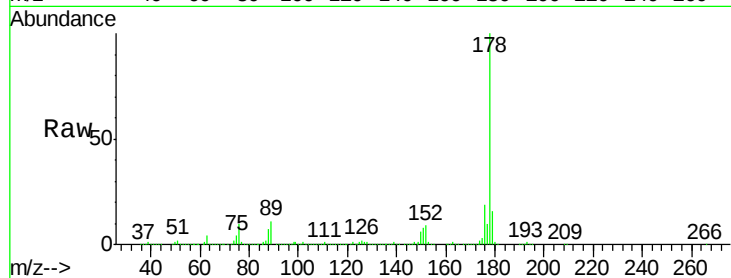




#71
 Anthracene
 Concen: 38.200 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF103141.D
 Acq: 21 Feb 2018 17:25

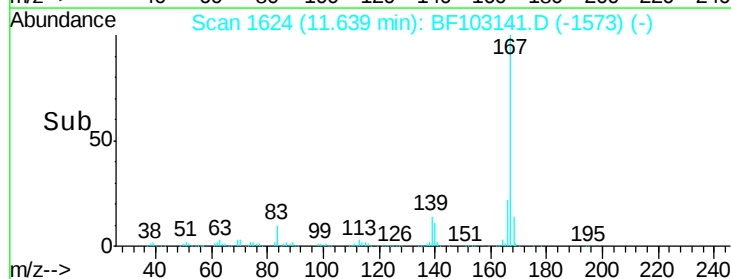
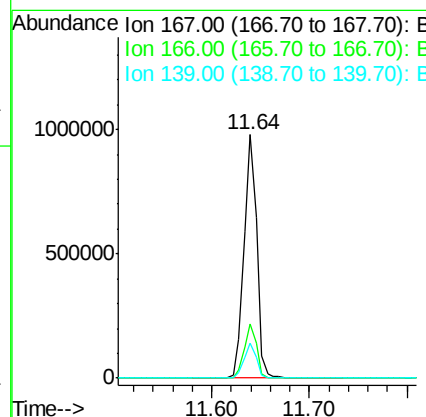
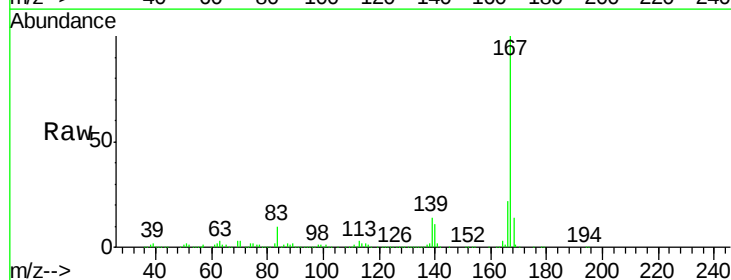
Instrument :
 BNA_F
 ClientSampleId :
 AU-05-022018-BMSD

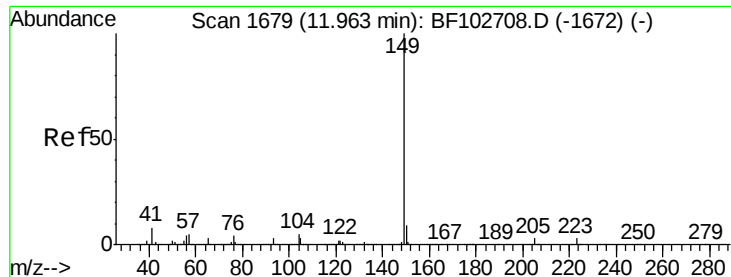
Tot Ion:178 Resp: 913646
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 38.072 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF103141.D
 Acq: 21 Feb 2018 17:25

Tgt Ion:167 Resp: 892101
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 14.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 41.682 ng

RT: 11.96 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BF103141.D

Acq: 21 Feb 2018 17:25

Instrument :

BNA_F

ClientSampleId :

AU-05-022018-BMSD

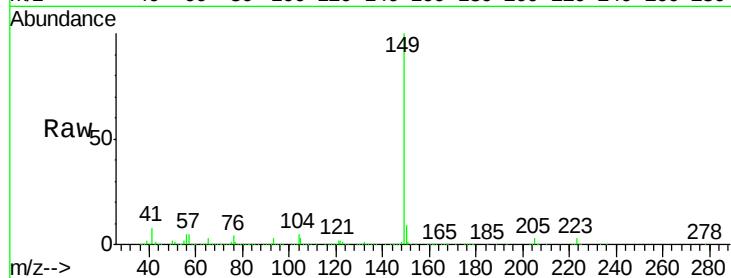
Tot Ion:149 Resp: 1186409

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

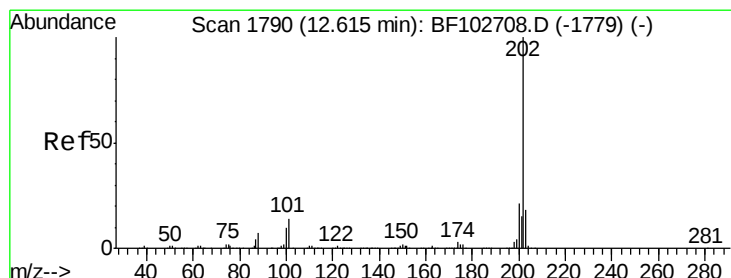
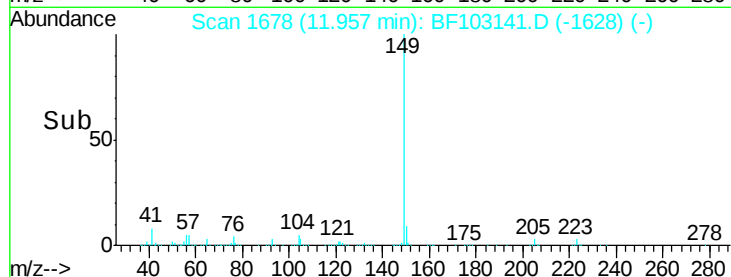
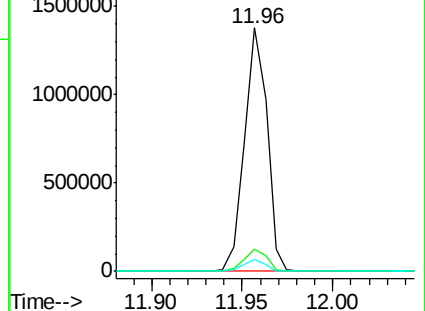
104 4.7 3.8 5.8



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: 36.030 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF103141.D

Acq: 21 Feb 2018 17:25

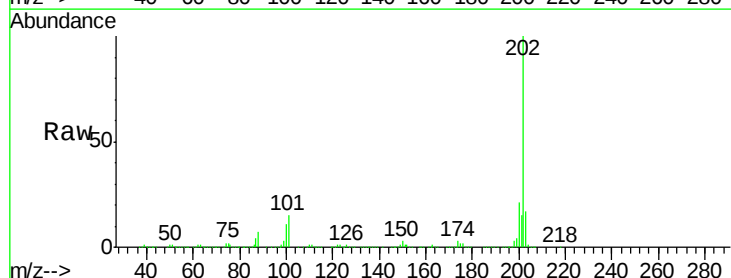
Tgt Ion:202 Resp: 852463

Ion Ratio Lower Upper

202 100

101 15.1 0.0 34.1

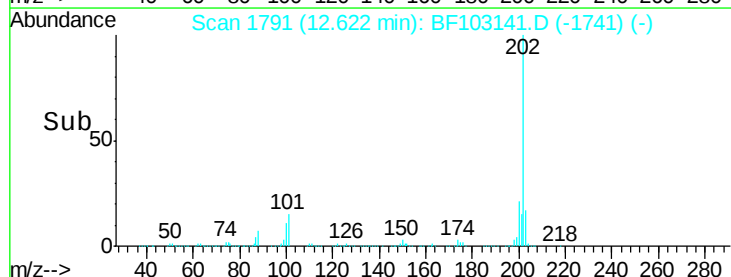
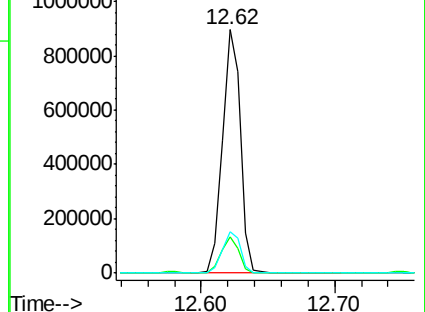
203 17.2 0.0 38.1

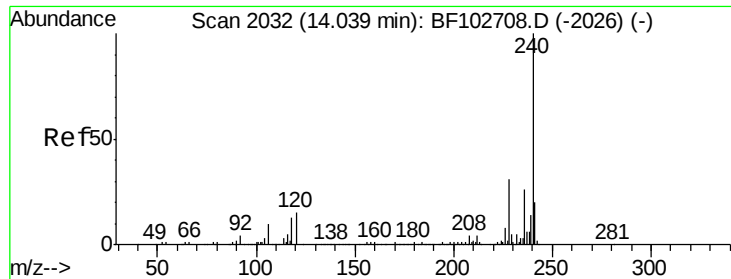


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF103141.D

Acq: 21 Feb 2018 17:25

Instrument :

BNA_F

ClientSampleId :

AU-05-022018-BMSD

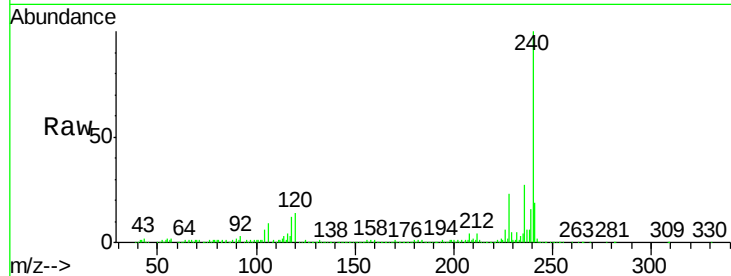
Tot Ion:240 Resp: 290495

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

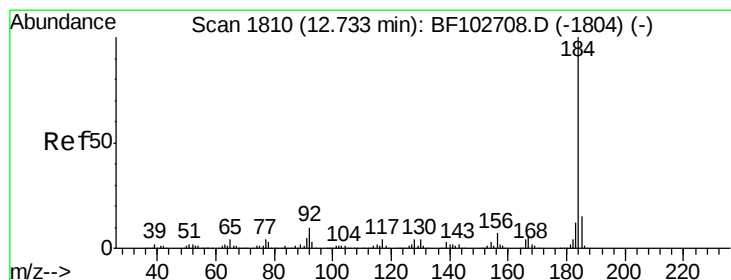
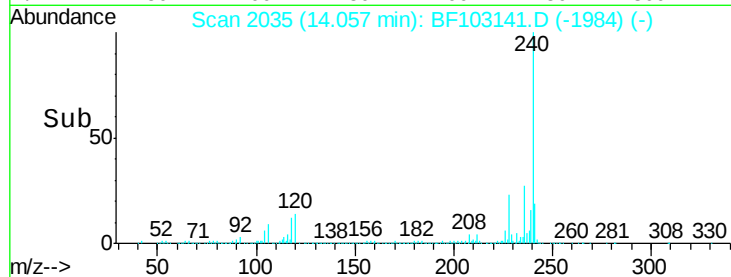
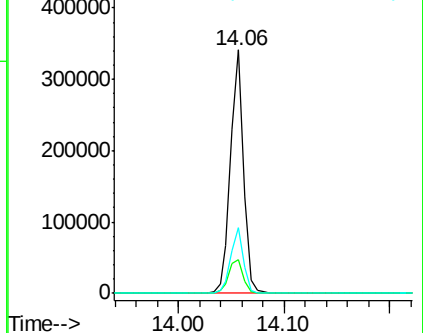
236 26.9 20.7 31.1



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: 54.052 ng

RT: 12.75 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF103141.D

Acq: 21 Feb 2018 17:25

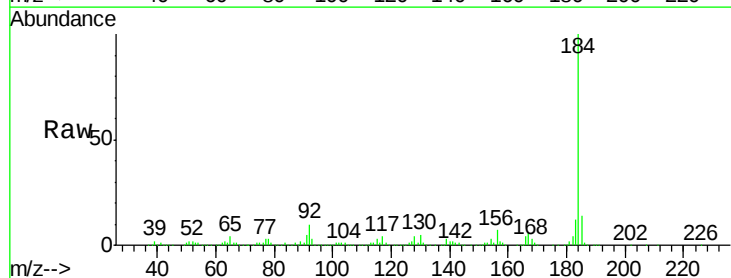
Tgt Ion:184 Resp: 721655

Ion Ratio Lower Upper

184 100

185 14.2 12.6 18.8

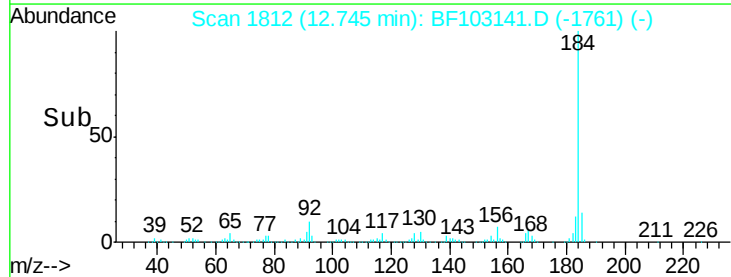
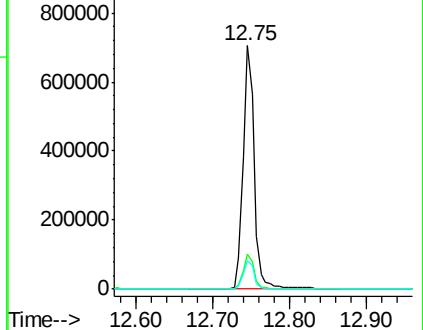
183 11.6 9.3 13.9

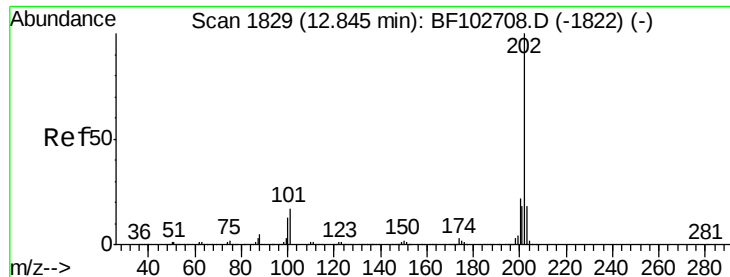


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

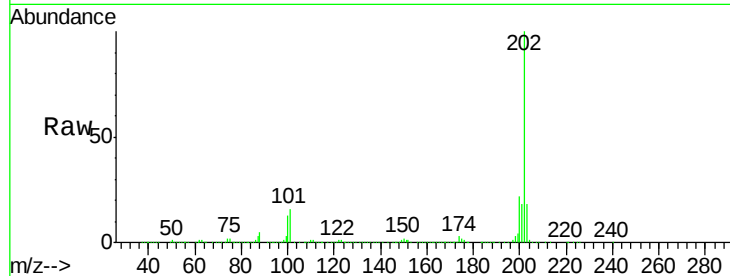




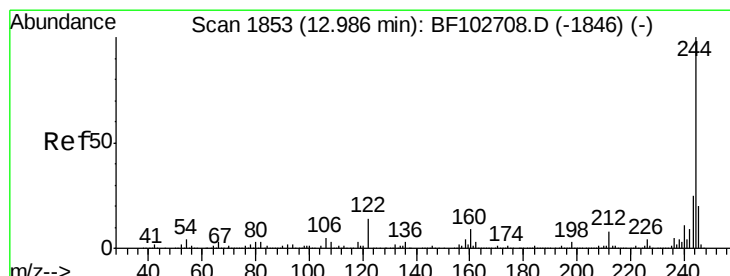
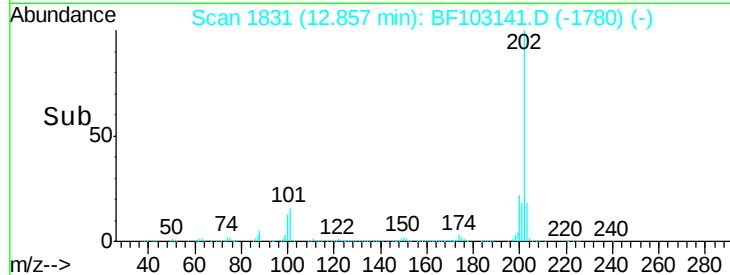
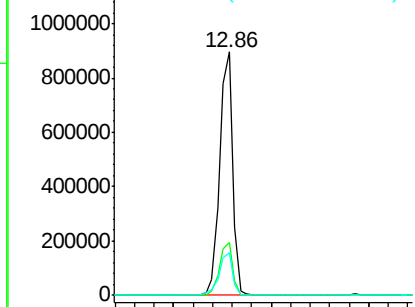
#77
Pvrene
Concen: 36.474 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF103141.D
Acq: 21 Feb 2018 17:25

Instrument :
BNA_F
ClientSampleId :
AU-05-022018-BMSD

Tot Ion:202 Resp: 830846
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 17.6 14.3 21.5

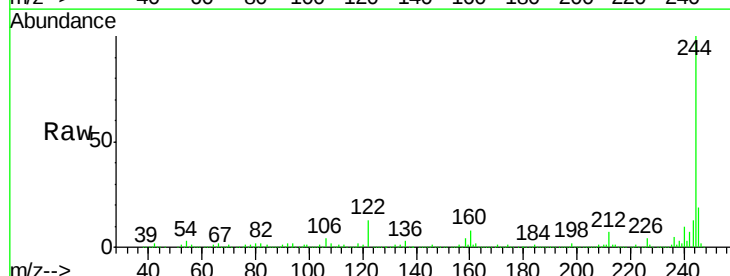


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

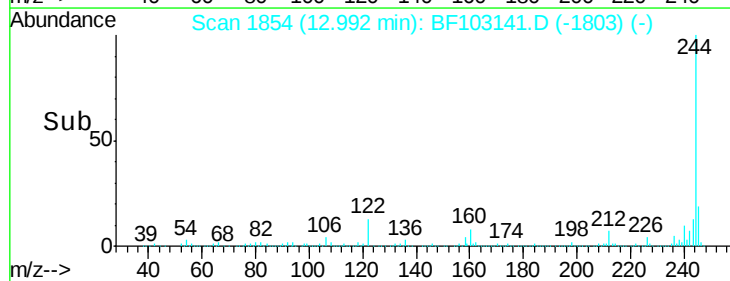
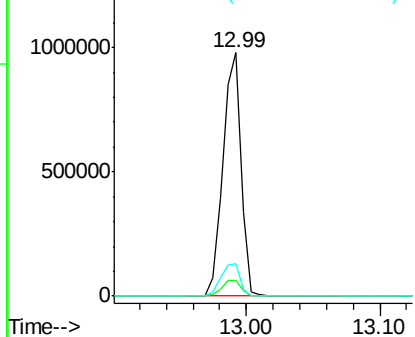


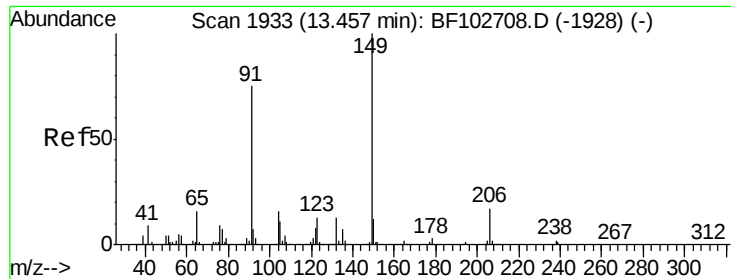
#78
Terphenyl-d14
Concen: 77.087 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BF103141.D
Acq: 21 Feb 2018 17:25

Tgt Ion:244 Resp: 945754
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 13.2 11.0 16.4



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

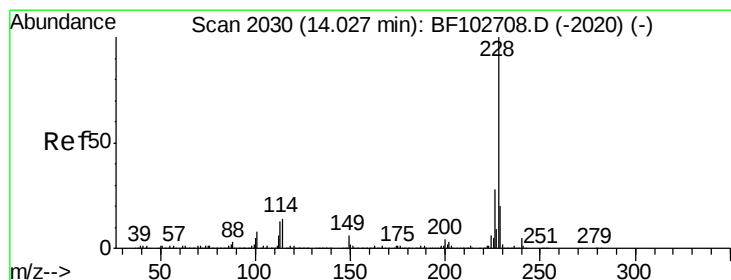
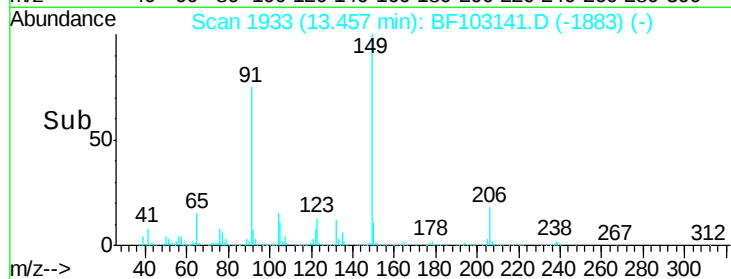
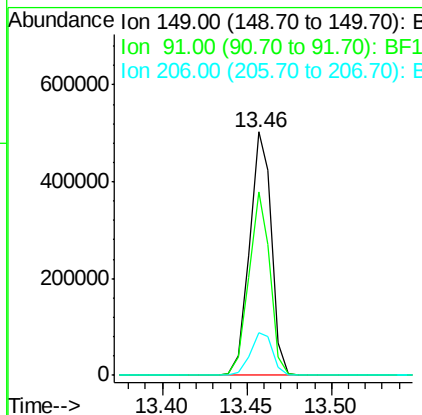
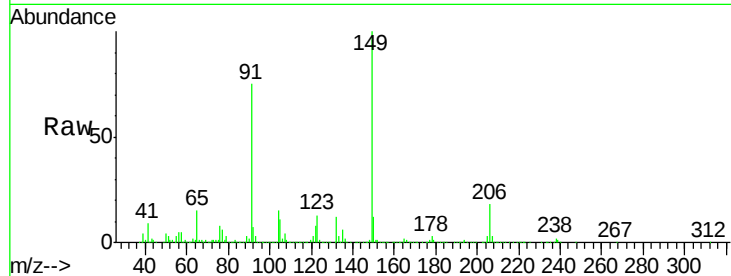




#79
Butylbenzylphthalate
Concen: 41.906 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BF103141.D
Acq: 21 Feb 2018 17:25

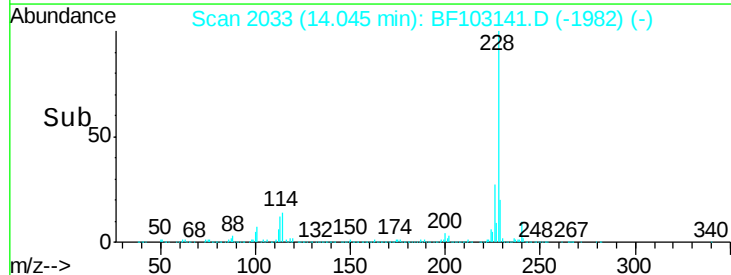
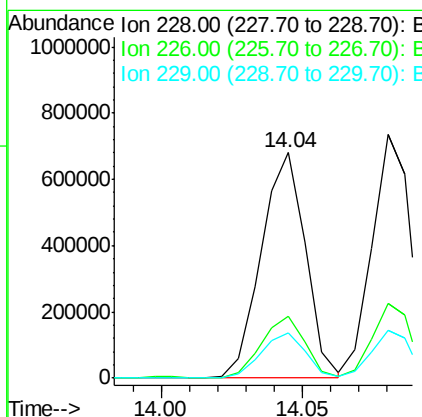
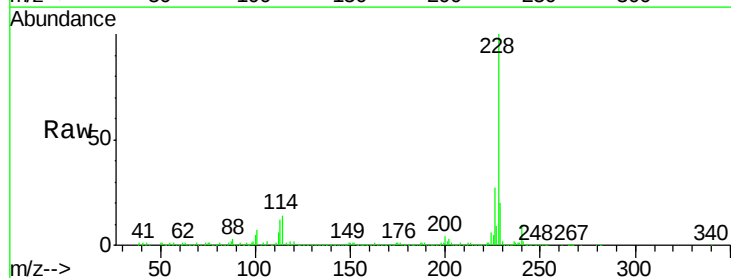
Instrument :
BNA_F
ClientSampleId :
AU-05-022018-BMSD

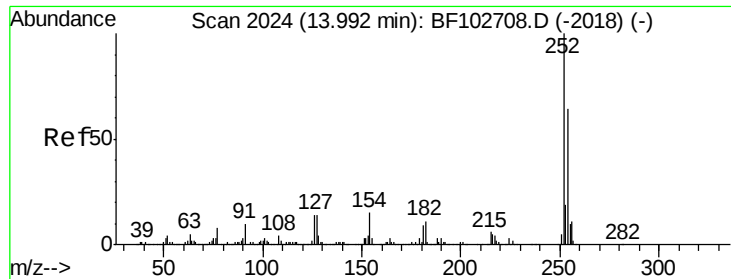
Tot Ion:149 Resp: 455172
Ion Ratio Lower Upper
149 100
91 75.1 56.8 85.2
206 17.5 14.1 21.1



#80
Benzo(a)anthracene
Concen: 40.258 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BF103141.D
Acq: 21 Feb 2018 17:25

Tgt Ion:228 Resp: 735486
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 20.3 15.8 23.6

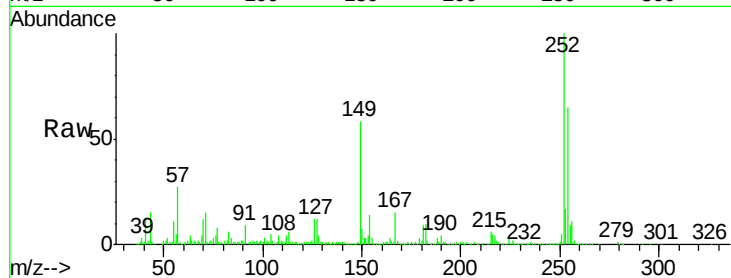




#81
 3,3'-Dichlorobenzidine
 Concen: 43.965 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF103141.D
 Acq: 21 Feb 2018 17:25

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-022018-BMSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.3	50.4	75.6
126	12.5	11.3	16.9

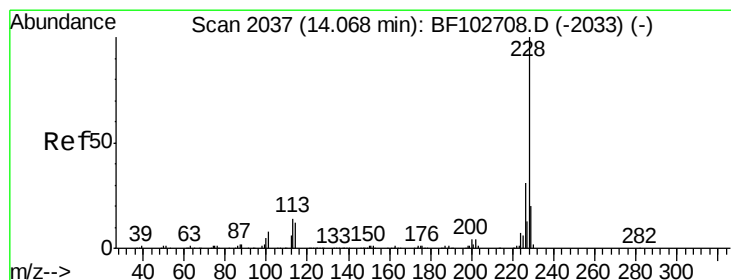
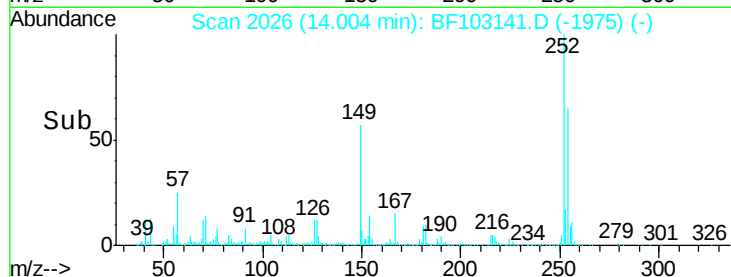
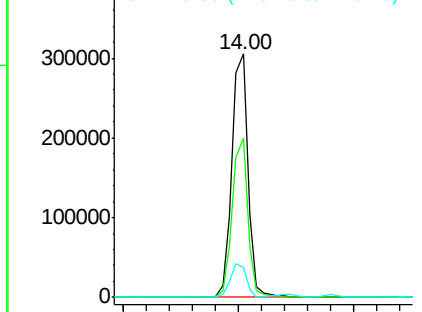


Abundance

Ion 252.00 (251.70 to 252.70): E

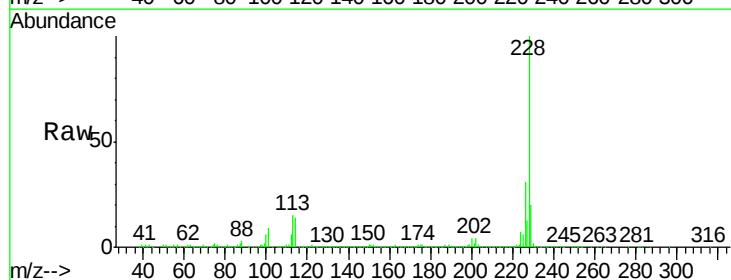
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 37.660 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BF103141.D
 Acq: 21 Feb 2018 17:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	19.7	16.2	24.4

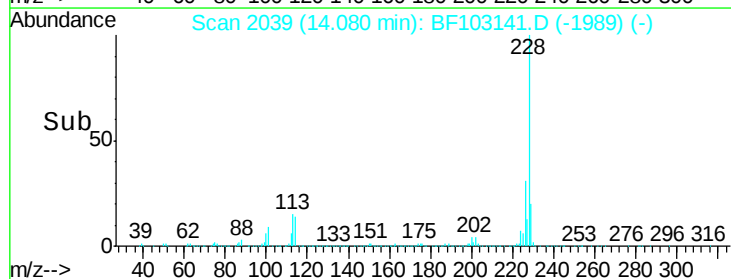
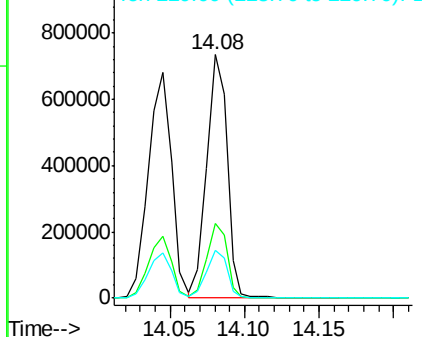


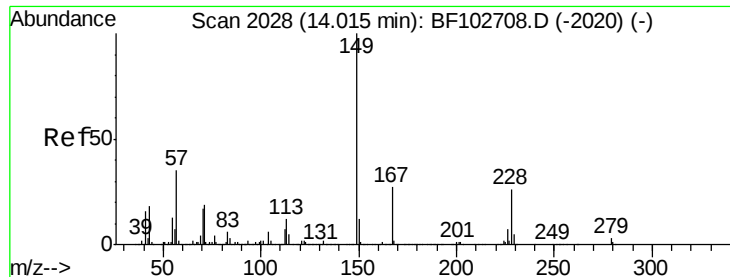
Abundance

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

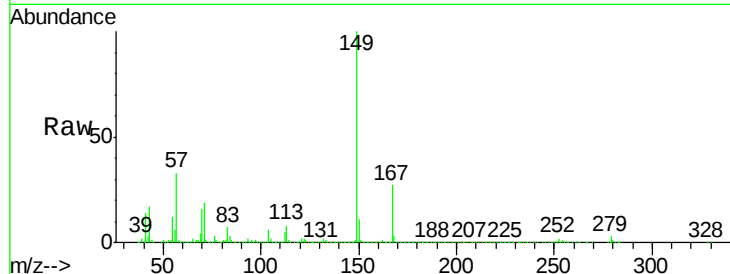




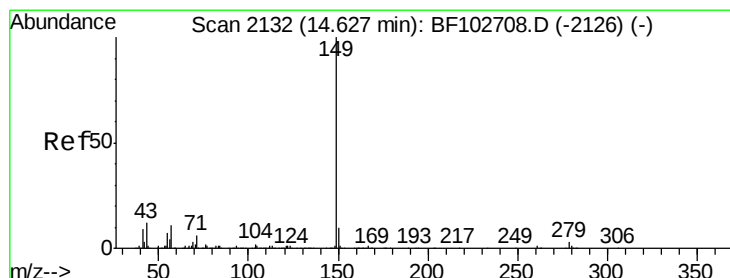
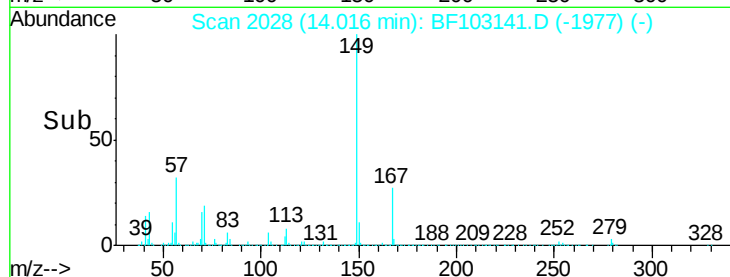
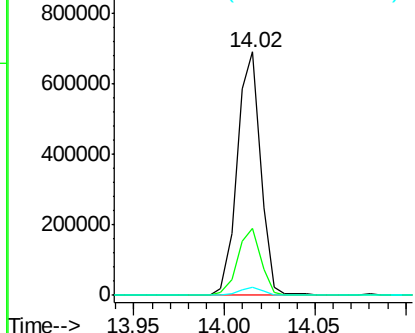
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.215 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF103141.D
 Acq: 21 Feb 2018 17:25

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-022018-BMSD

Tot Ion:149 Resp: 616991
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.3 31.9
 279 3.3 3.0 4.4

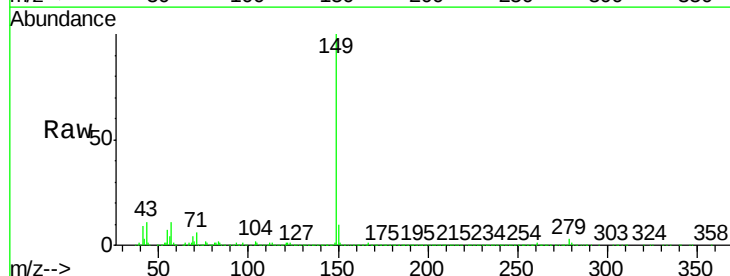


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

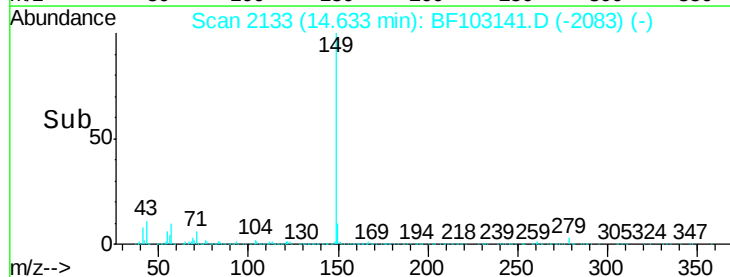
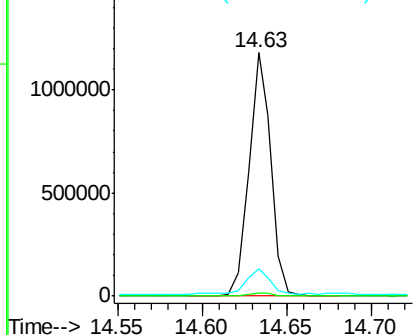


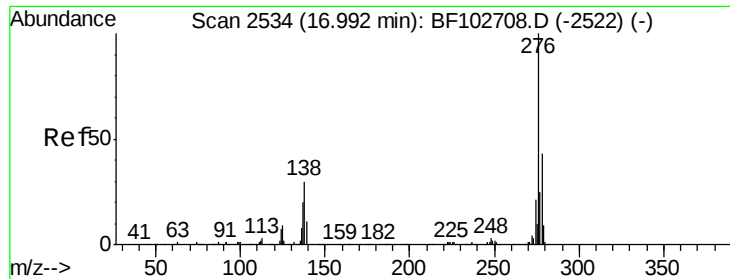
#84
 Di-n-octyl phthalate
 Concen: 50.414 ng
 RT: 14.63 min Scan# 2133
 Delta R.T. -0.01 min
 Lab File: BF103141.D
 Acq: 21 Feb 2018 17:25

Tgt Ion:149 Resp: 1056317
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 10.6 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1

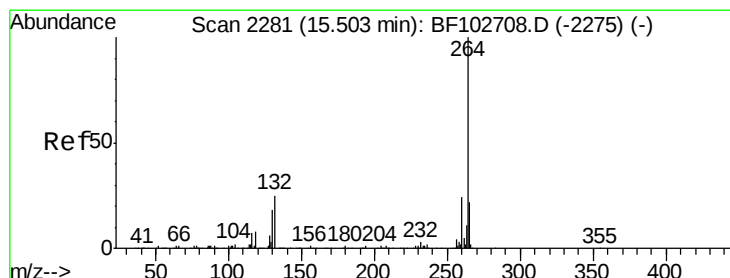
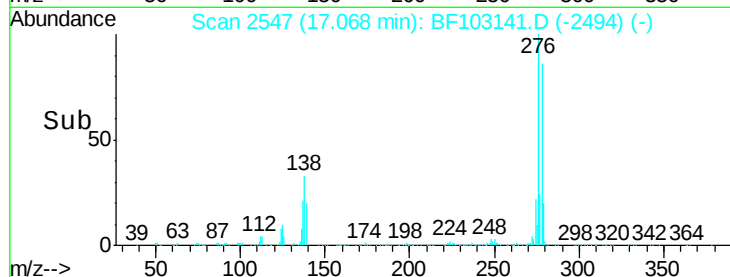
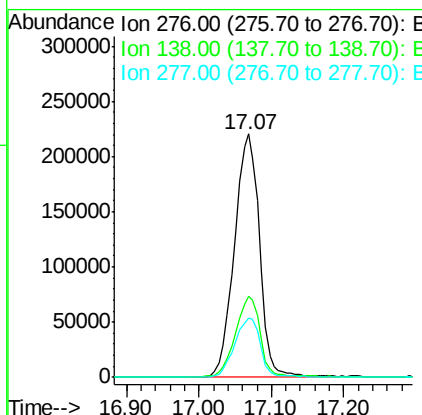
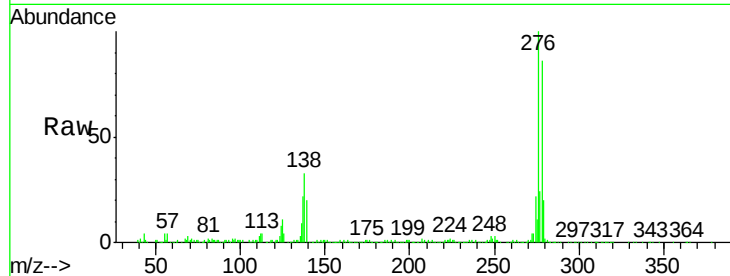




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.822 ng
 RT: 17.07 min Scan# 2547
 Delta R.T. 0.01 min
 Lab File: BF103141.D
 Acq: 21 Feb 2018 17:25

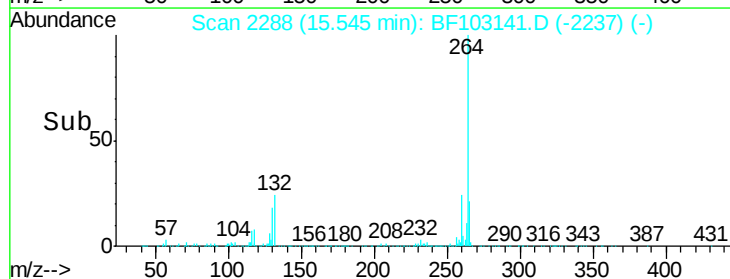
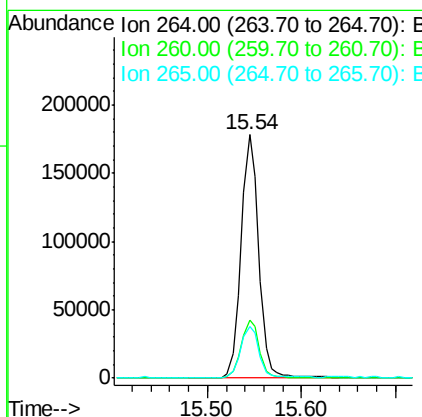
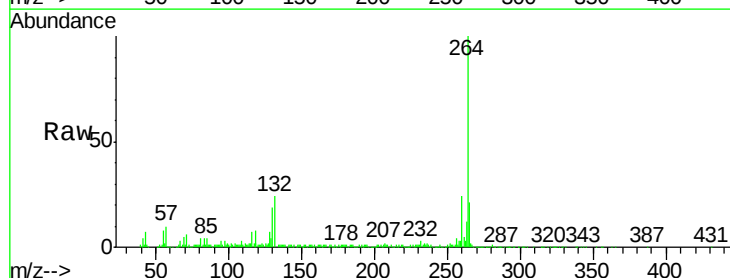
Instrument :
 BNA_F
 ClientSampleId :
 AU-05-022018-BMSD

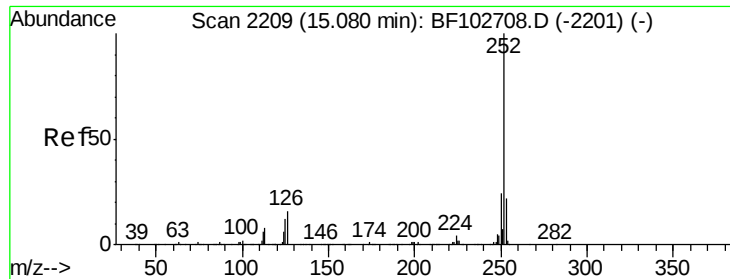
Tot Ion	Ratio	Lower	Upper
276	100		
138	32.0	25.0	37.6
277	24.8	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. 0.00 min
 Lab File: BF103141.D
 Acq: 21 Feb 2018 17:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.3	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 39.728 ng

RT: 15.11 min Scan# 2214

Delta R.T. 0.00 min

Lab File: BF103141.D

Acq: 21 Feb 2018 17:25

Instrument :

BNA_F

ClientSampleId :

AU-05-022018-BMSD

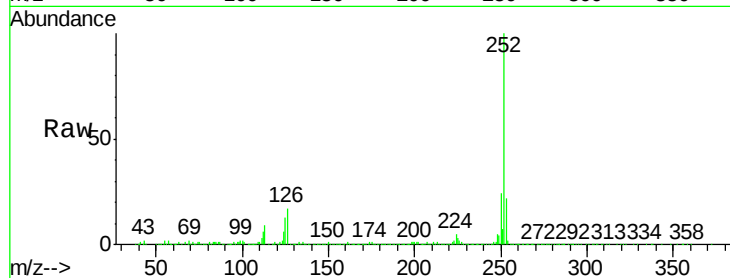
Tot Ion:252 Resp: 602821

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

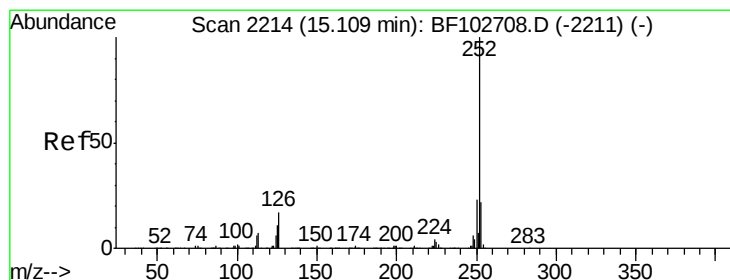
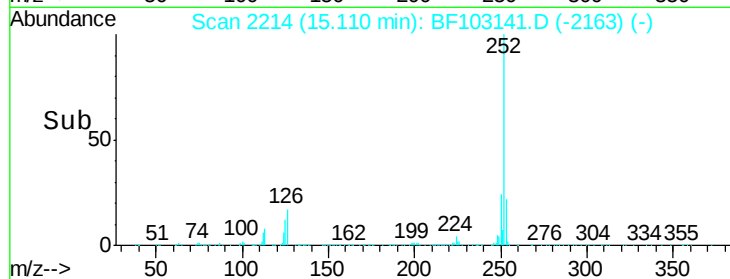
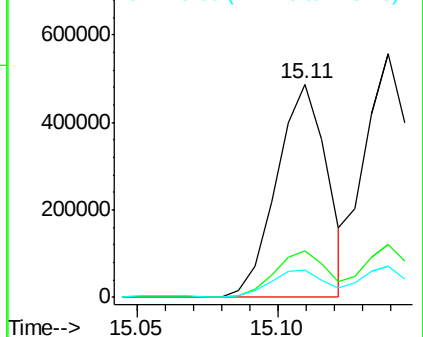
125 13.0 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.020 ng

RT: 15.14 min Scan# 2219

Delta R.T. 0.00 min

Lab File: BF103141.D

Acq: 21 Feb 2018 17:25

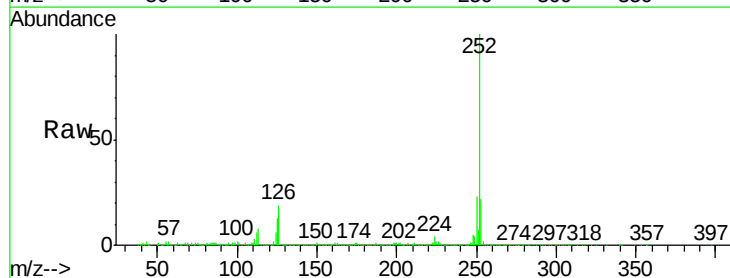
Tgt Ion:252 Resp: 609226

Ion Ratio Lower Upper

252 100

253 21.6 17.9 26.9

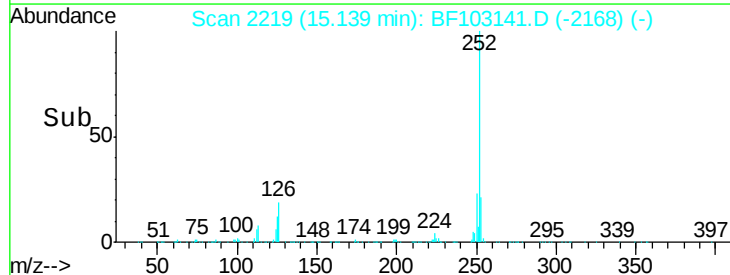
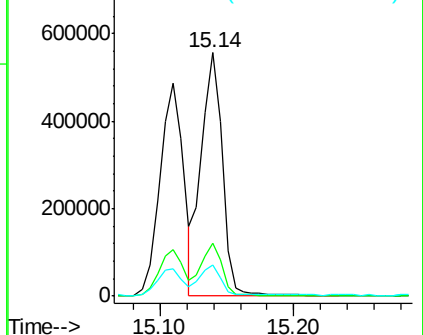
125 12.7 10.2 15.2

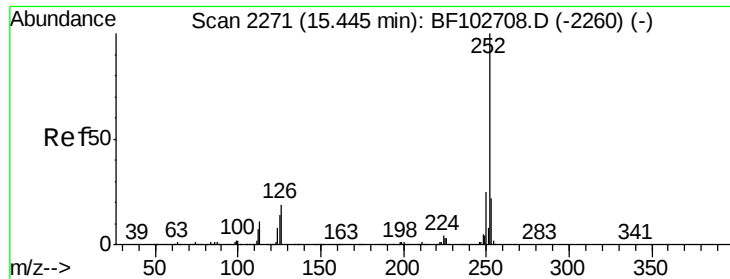


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.901 ng

RT: 15.49 min Scan# 2278

Delta R.T. 0.00 min

Lab File: BF103141.D

Acq: 21 Feb 2018 17:25

Instrument :

BNA_F

ClientSampleId :

AU-05-022018-BMSD

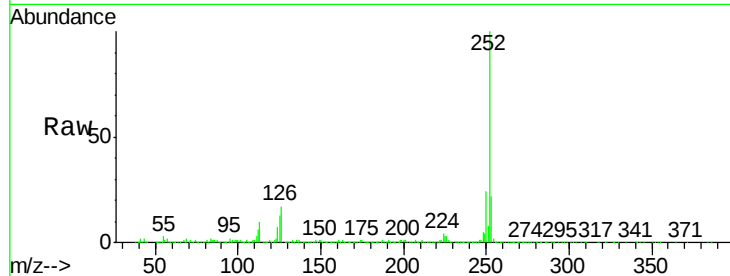
Tot Ion:252 Resp: 544982

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

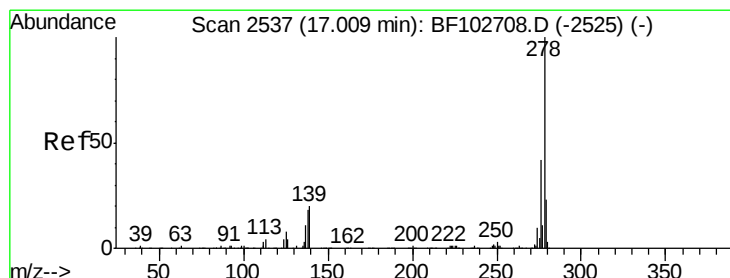
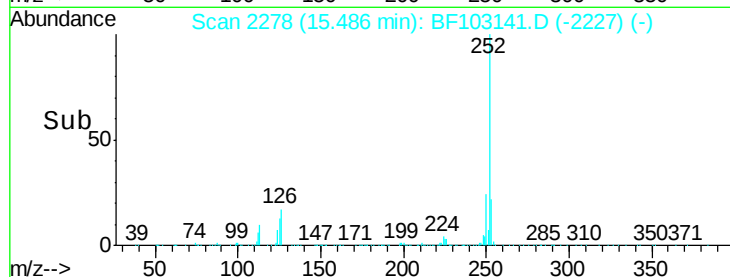
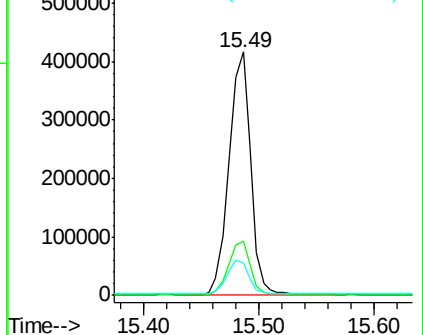
125 13.5 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.630 ng

RT: 17.07 min Scan# 2548

Delta R.T. 0.00 min

Lab File: BF103141.D

Acq: 21 Feb 2018 17:25

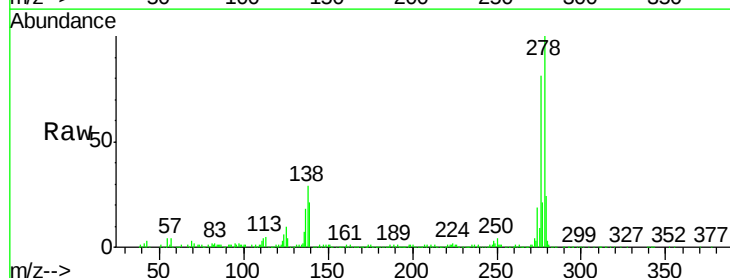
Tgt Ion:278 Resp: 450418

Ion Ratio Lower Upper

278 100

139 21.1 15.9 23.9

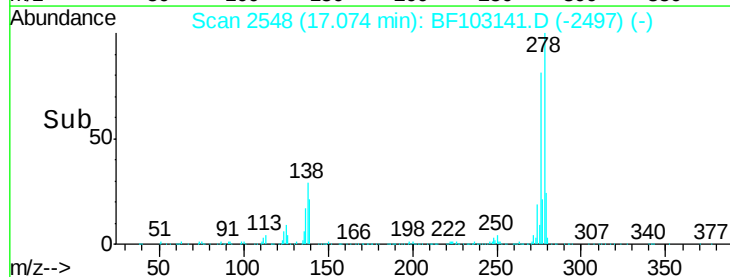
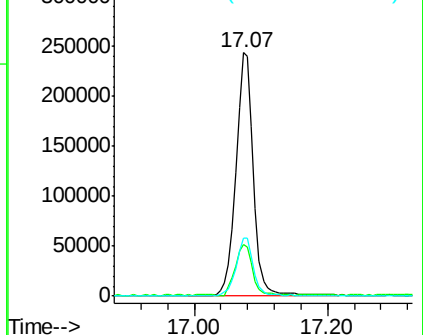
279 23.8 19.0 28.4

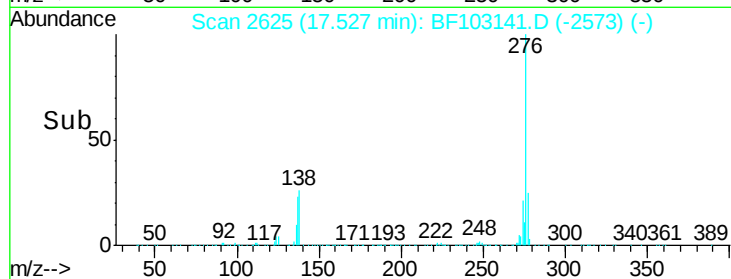
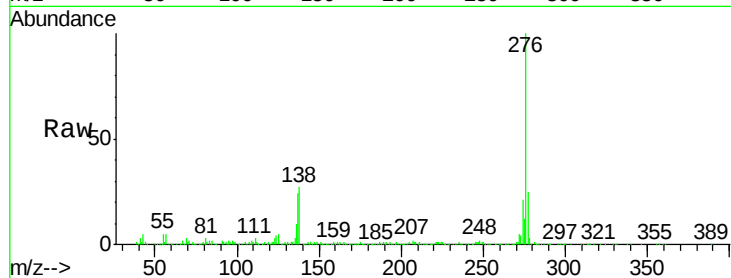
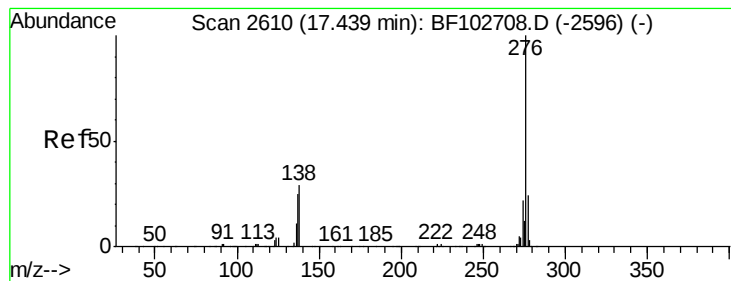


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 39.932 ng

RT: 17.53 min Scan# 2625

Delta R.T. 0.01 min

Lab File: BF103141.D

Acq: 21 Feb 2018 17:25

Instrument :

BNA_F

ClientSampleId :

AU-05-022018-BMSD

Tot Ion:276 Resp: 433299

Ion Ratio Lower Upper

276 100

277 25.1 17.9 26.9

138 26.7 21.8 32.8

