

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105138.D
 Acq On : 8 May 2018 11:13
 Operator : JU/SJ
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 08 13:40:13 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 08 13:40:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	182160	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	734722	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	368474	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	719618	20.00	ng	0.00
75) Chrysene-d12	14.00	240	582850	20.00	ng	-0.01
86) Perylene-d12	15.54	264	481418	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	52702	4.42	ng	-0.01
7) Phenol-d6	6.40	99	63507	4.34	ng	-0.02
23) Nitrobenzene-d5	7.35	82	25215	2.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	9252	2.42	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	152877	6.55	ng	-0.01
78) Terphenyl-d14	12.90	244	145947	5.71	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.51	88	16900	3.044	ng	98
3) Pyridine	3.25	79	38841	2.489	ng	# 85
4) n-Nitrosodimethylamine	3.18	42	19105	3.502	ng	# 66
6) Aniline	6.45	93	49372	2.428	ng	97
8) 2-Chlorophenol	6.57	128	28029	2.229	ng	98
9) Benzaldehyde	6.34	77	27347	3.744	ng	95
10) Phenol	6.42	94	34627	2.230	ng	99
11) bis(2-Chloroethyl)ether	6.52	93	33245	2.682	ng	92
12) 1,3-Dichlorobenzene	6.73	146	40210	2.823	ng	94
13) 1,4-Dichlorobenzene	6.81	146	39851	2.806	ng	97
14) 1,2-Dichlorobenzene	6.96	146	37472	2.848	ng	97
15) Benzyl Alcohol	6.93	79	20567	1.850	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.06	45	60190	3.616	ng	96
17) 2-Methylphenol	7.03	107	23766	2.174	ng	94
18) Hexachloroethane	7.30	117	10699	2.113	ng	91
19) n-Nitroso-di-n-propylamine	7.19	70	21030	2.199	ng	# 87
20) 3+4-Methylphenols	7.19	107	29159	2.151	ng	# 82
22) Acetophenone	7.19	105	50986	2.819	ng	# 88
24) Nitrobenzene	7.37	77	17548	1.413	ng	93
25) Isophorone	7.60	82	59894	2.517	ng	94
26) 2-Nitrophenol	7.69	139	2498	0.494	ng	# 80
27) 2,4-Dimethylphenol	7.72	122	22113	2.106	ng	97
28) bis(2-Chloroethoxy)methane	7.82	93	38778	2.666	ng	# 97
29) 2,4-Dichlorophenol	7.92	162	16954	1.692	ng	94
30) 1,2,4-Trichlorobenzene	8.01	180	32322	2.939	ng	98
31) Naphthalene	8.09	128	104766	2.864	ng	98
32) Benzoic acid	7.72	122	22113	2.639	ng	# 17
33) 4-Chloroaniline	8.14	127	39144	2.497	ng	96
34) Hexachlorobutadiene	8.21	225	18603	3.089	ng	92
35) Caprolactam	8.46	113	2340	0.669	ng	# 89
36) 4-Chloro-3-methylphenol	8.61	107	18962	1.765	ng	95
37) 2-Methylnaphthalene	8.78	142	71005	3.000	ng	95
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	33455	3.172	ng	97
40) Hexachlorocyclopentadiene	8.94	237	7967	1.349	ng	99

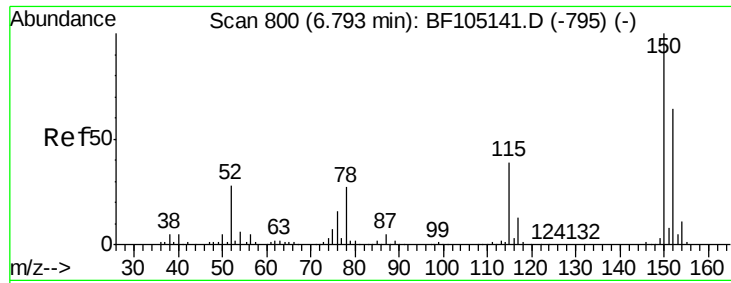
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	10068	1.375	ng	92
43) 2,4,5-Trichlorophenol	9.09	196	10520	1.284	ng	93
45) 1,1'-Biphenyl	9.25	154	87621	2.831	ng	97
46) 2-Chloronaphthalene	9.27	162	62876	2.572	ng	96
47) 2-Nitroaniline	9.36	65	3086	0.510	ng	94
48) Acenaphthylene	9.69	152	92613	2.414	ng	100
49) Dimethylphthalate	9.55	163	56036	1.928	ng	99
50) 2,6-Dinitrotoluene	9.60	165	2940	0.547	ng #	58
51) Acenaphthene	9.86	154	62804	2.683	ng	97
52) 3-Nitroaniline	9.77	138	4265	0.678	ng #	93
53) 2,4-Dinitrophenol	9.87	184	442	0.270	ng #	22
54) Dibenzofuran	10.03	168	92513	2.836	ng	100
55) 4-Nitrophenol	9.92	139	2632	0.532	ng	90
56) 2,4-Dinitrotoluene	10.00	165	3004	0.426	ng #	61
57) Fluorene	10.37	166	72052	3.035	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	8773	1.435	ng #	64
59) Diethylphthalate	10.25	149	51127	1.767	ng	98
60) 4-Chlorophenyl-phenylether	10.37	204	34998	3.310	ng	90
61) 4-Nitroaniline	10.37	138	4674	0.759	ng #	81
62) Azobenzene	10.53	77	69977	2.531	ng	94
64) 4,6-Dinitro-2-methylphenol	10.40	198	671	0.215	ng #	42
65) n-Nitrosodiphenylamine	10.48	169	62425	2.502	ng	97
66) 4-Bromophenyl-phenylether	10.86	248	19612	2.562	ng	93
67) Hexachlorobenzene	10.92	284	24770	2.876	ng #	91
68) Atrazine	11.01	200	9563	1.270	ng	96
69) Pentachlorophenol	11.11	266	3411	0.640	ng	96
70) Phenanthrene	11.33	178	111659	2.786	ng	97
71) Anthracene	11.39	178	107548	2.640	ng	98
72) Carbazole	11.54	167	93377	2.346	ng	97
73) Di-n-butylphthalate	11.88	149	45428	0.934	ng #	97
74) Fluoranthene	12.52	202	103072	2.462	ng	97
76) Benzidine	12.65	184	20542	1.018	ng	99
77) Pyrene	12.75	202	111812	2.588	ng	97
79) Butylbenzylphthalate	13.40	149	4565	0.224	ng #	82
80) Benzo(a)anthracene	13.99	228	87823	2.522	ng	98
81) 3,3'-Dichlorobenzidine	13.96	252	13299	1.024	ng	96
82) Chrysene	14.03	228	96358	2.694	ng	97
83) Bis(2-ethylhexyl)phthalate	14.00	149	10191	0.389	ng #	96
84) Di-n-octyl phthalate	14.68	149	8918	0.204	ng #	28
85) Indeno(1,2,3-cd)pyrene	16.98	276	46930	1.545	ng #	93
87) Benzo(b)fluoranthene	15.12	252	66604	2.191	ng	99
88) Benzo(k)fluoranthene	15.14	252	70739	2.464	ng	97
89) Benzo(a)pyrene	15.48	252	58909	2.165	ng	98
90) Dibenzo(a,h)anthracene	17.01	278	36863	1.650	ng #	95
91) Benzo(g,h,i)perylene	17.41	276	42043	1.942	ng	96

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

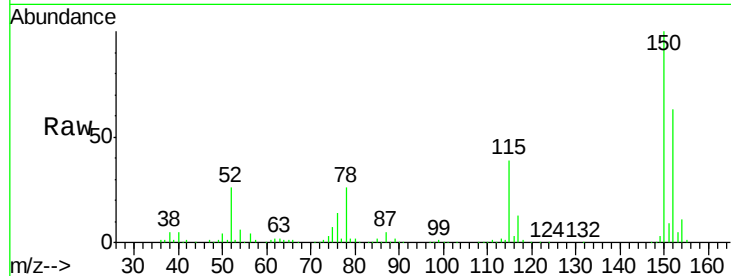


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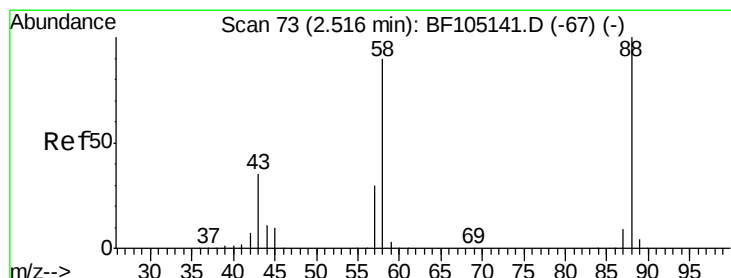
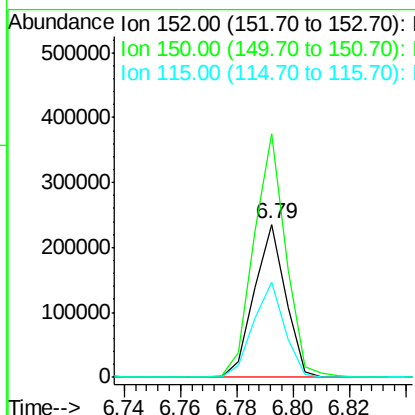
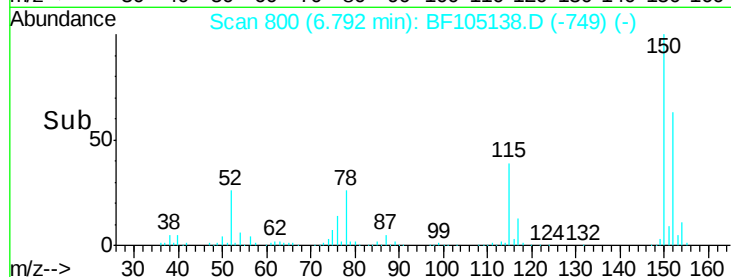
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 182160
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 61.9 50.1 75.1



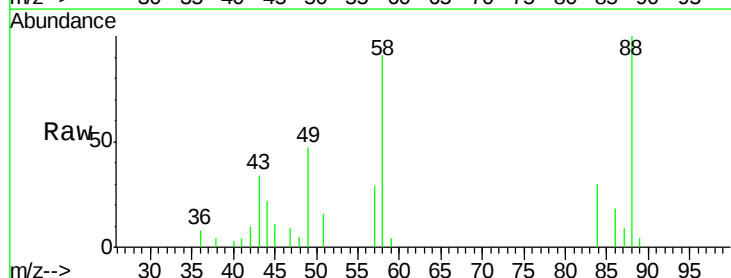
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



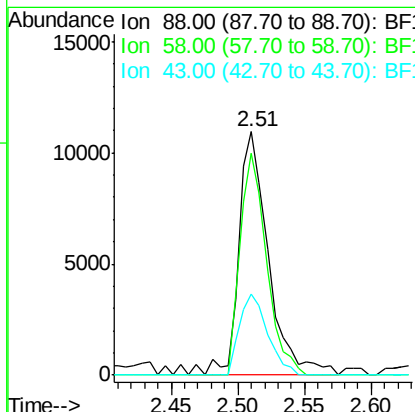
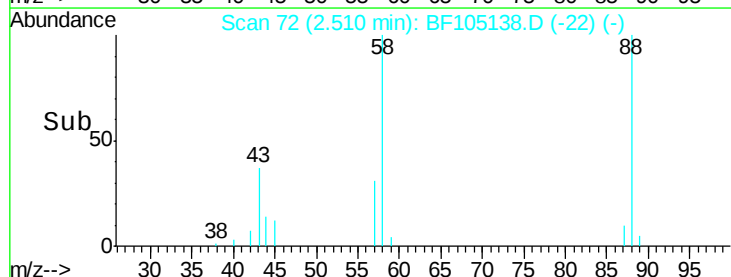
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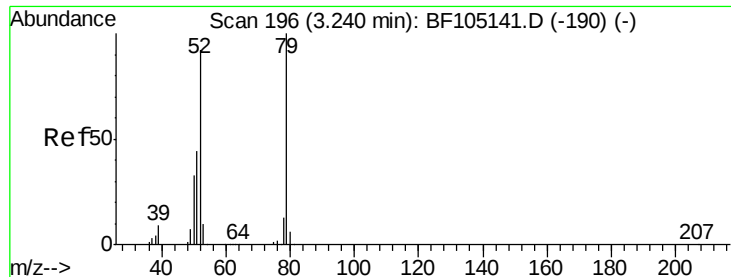
1,4-Dioxane
Concen: 3.044 ng
RT: 2.51 min Scan# 72
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

Tgt Ion: 88 Resp: 16900
Ion Ratio Lower Upper
88 100
58 80.8 62.6 93.8
43 31.4 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: 2.489 ng

RT: 3.25 min Scan# 197

Delta R.T. 0.01 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

Instrument :

BNA_F

ClientSampleId :

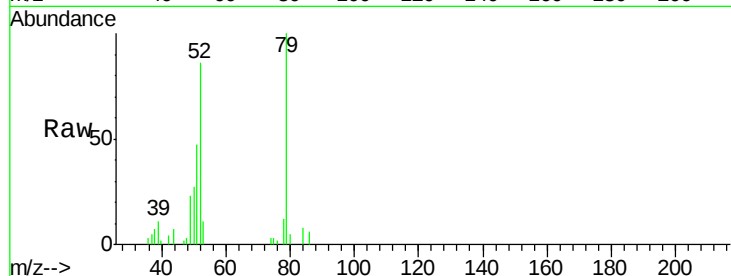
Tot Ion: 79 Resp: 38841

Ion Ratio Lower Upper

79 100

52 86.3 59.8 89.6

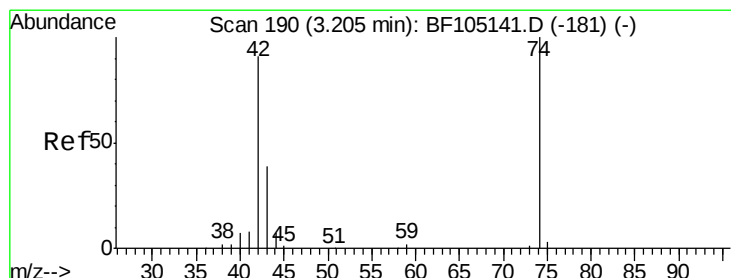
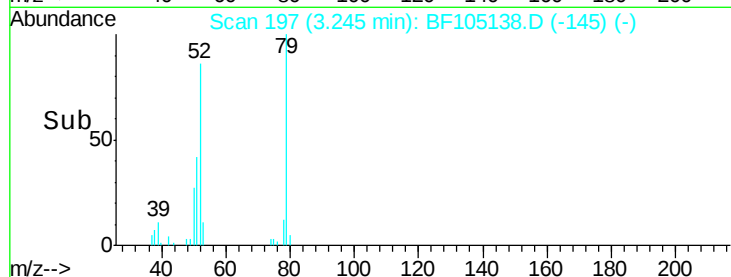
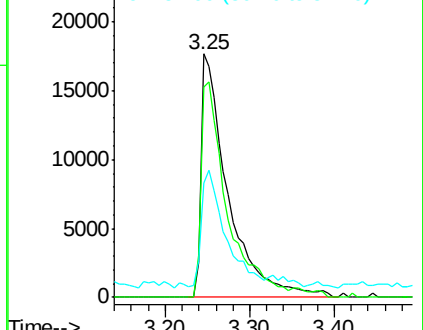
51 47.1 29.8 44.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 3.502 ng

RT: 3.18 min Scan# 186

Delta R.T. -0.02 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

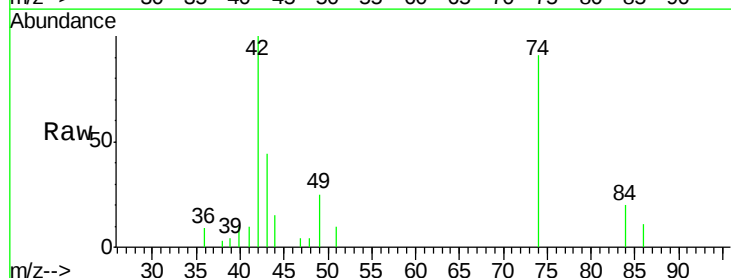
Tgt Ion: 42 Resp: 19105

Ion Ratio Lower Upper

42 100

74 90.5 104.9 157.3#

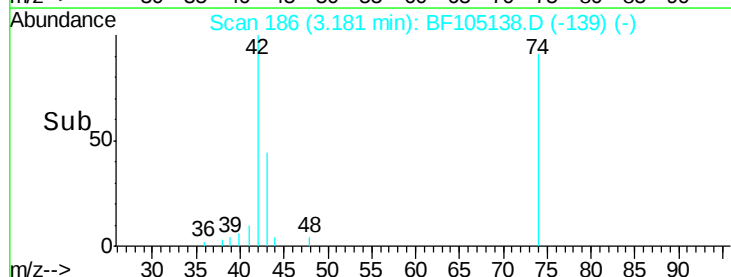
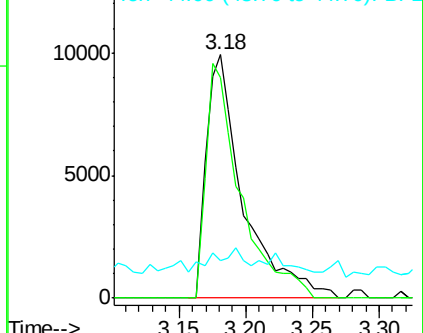
44 15.2 6.9 10.3#

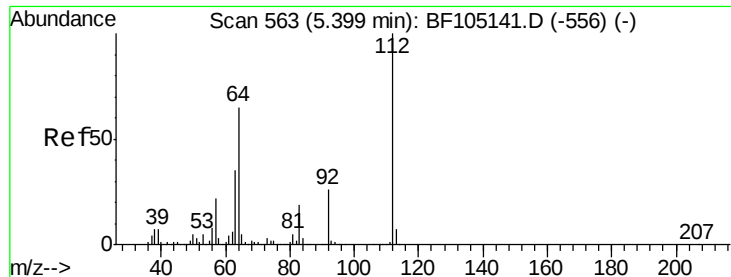


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 4.424 ng

RT: 5.39 min Scan# 561

Delta R.T. -0.01 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

Instrument :

BNA_F

ClientSampleId :

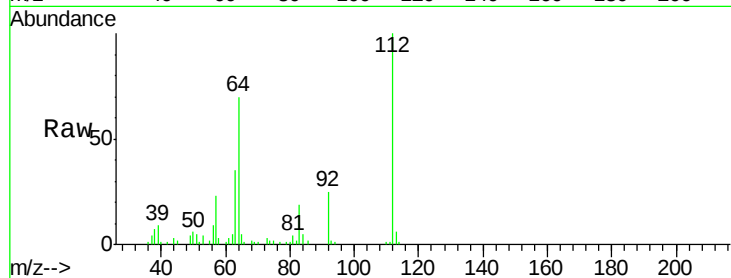
Tot Ion:112 Resp: 52702

Ion Ratio Lower Upper

112 100

64 69.9 47.9 71.9

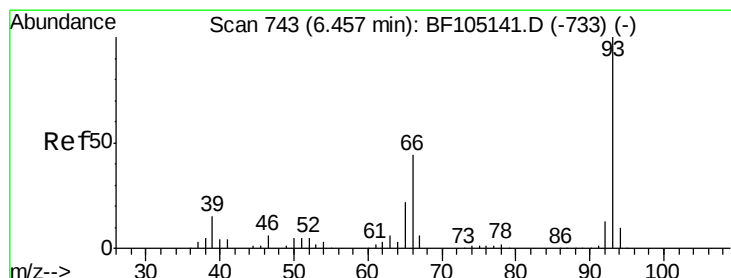
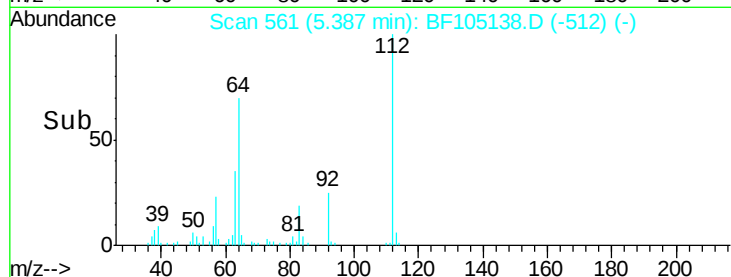
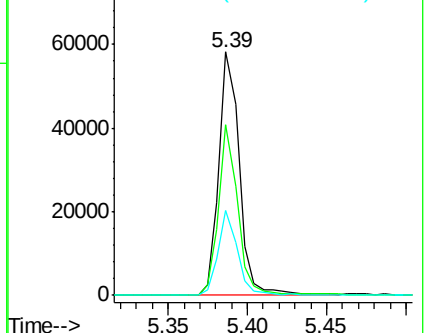
63 34.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 2.428 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

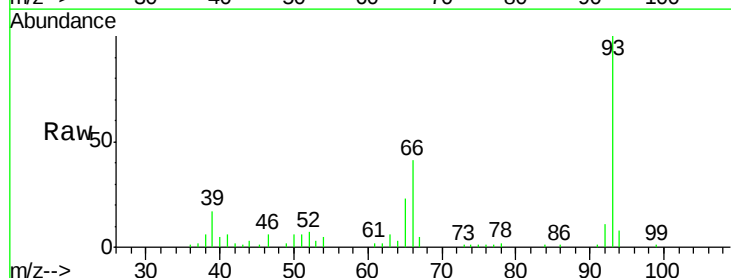
Tgt Ion: 93 Resp: 49372

Ion Ratio Lower Upper

93 100

66 40.8 32.2 48.2

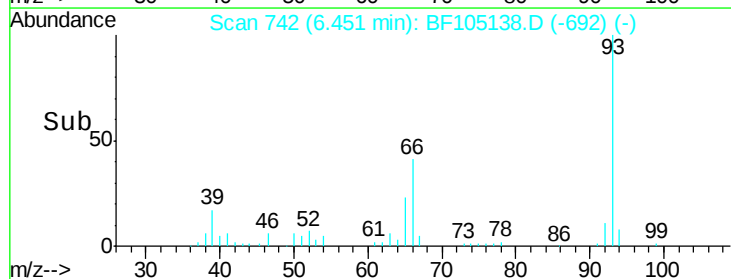
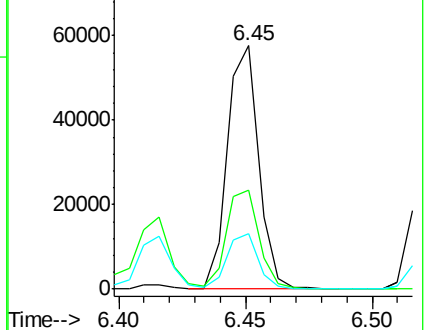
65 23.0 16.4 24.6

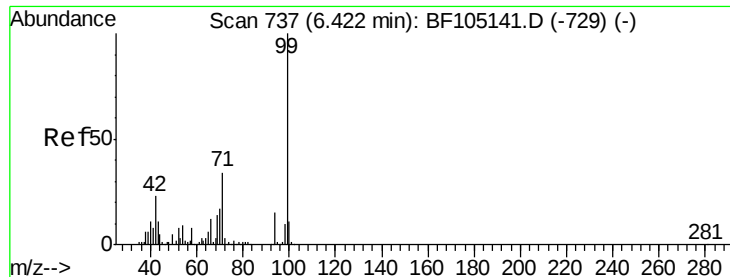


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 4.339 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

Instrument :

BNA_F

ClientSampled :

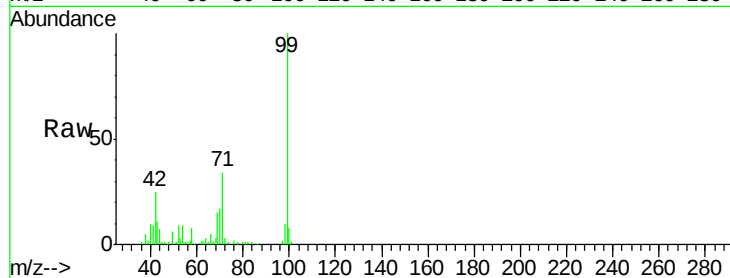
Tot Ion: 99 Resp: 63507

Ion Ratio Lower Upper

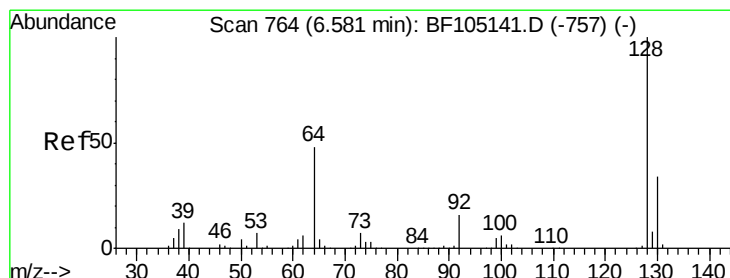
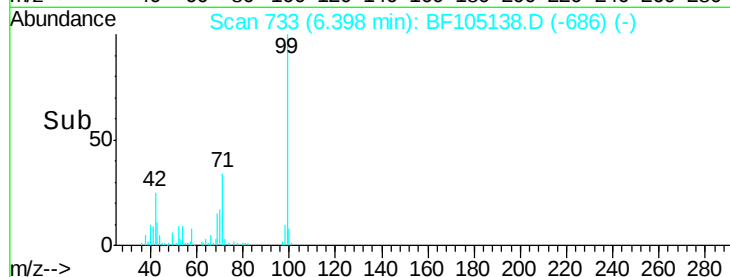
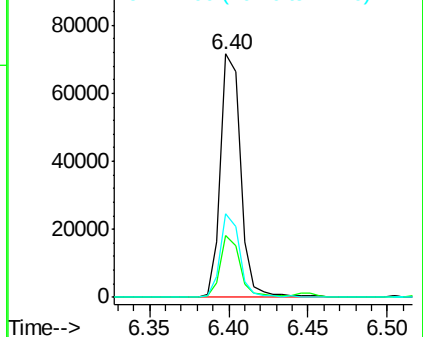
99 100

42 25.4 14.5 21.7#

71 34.3 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: 2.229 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

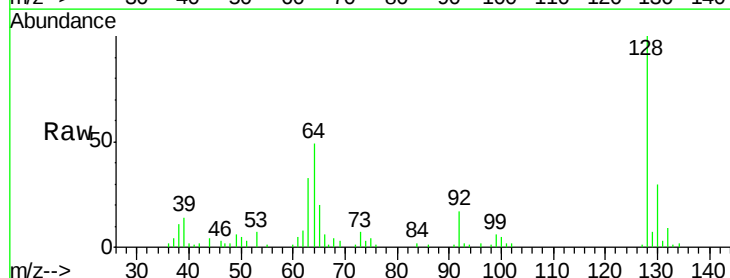
Tgt Ion: 128 Resp: 28029

Ion Ratio Lower Upper

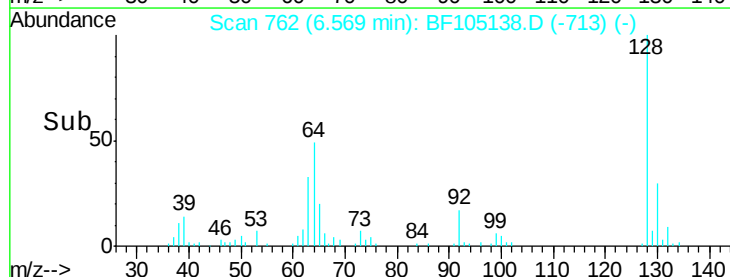
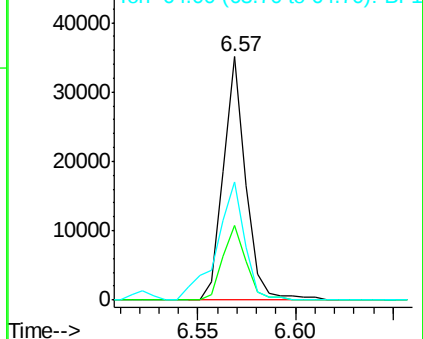
128 100

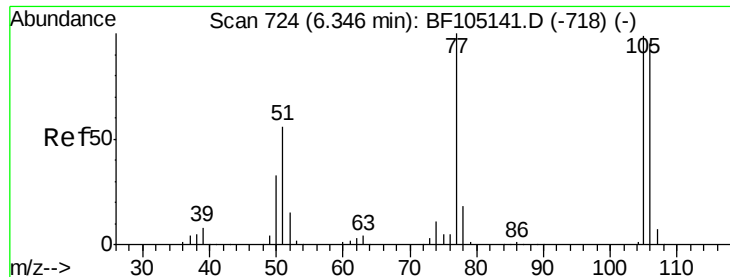
130 30.5 13.0 53.0

64 48.7 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

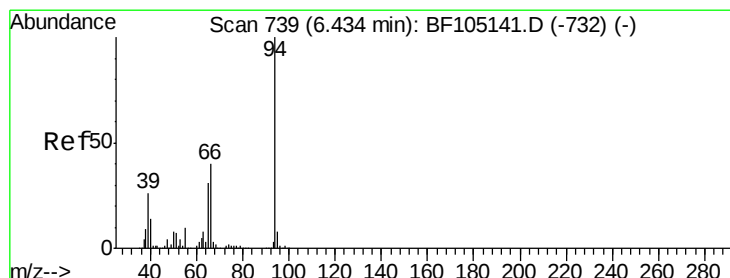
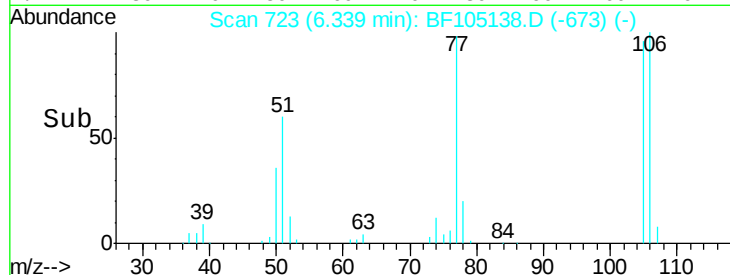
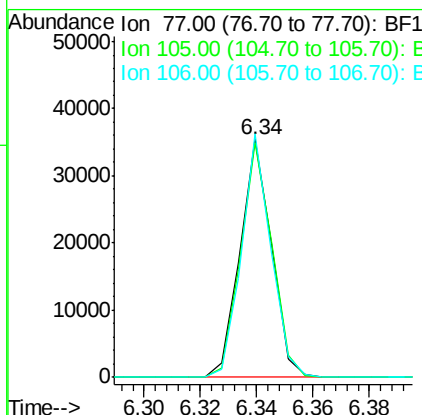
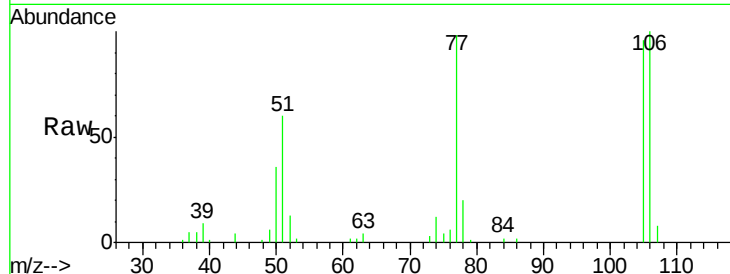




#9
Benzaldehyde
Concen: 3.744 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

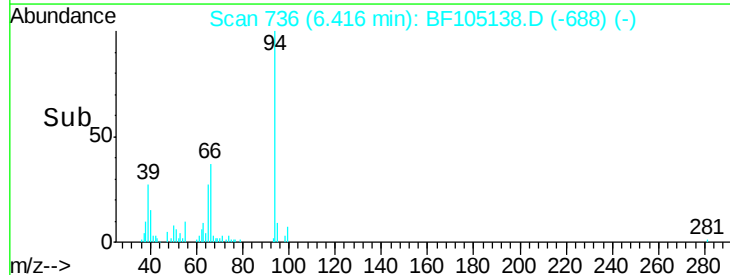
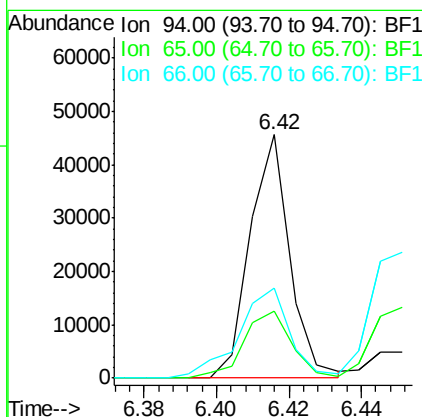
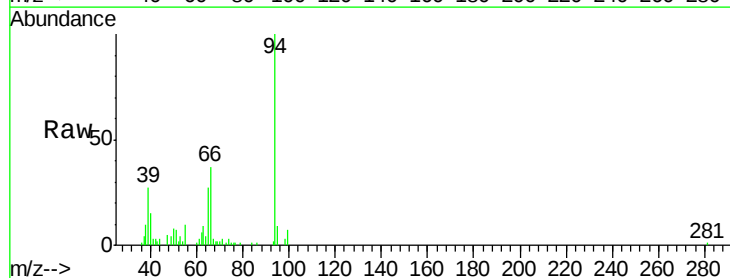
Instrument :
BNA_F
ClientSampled :

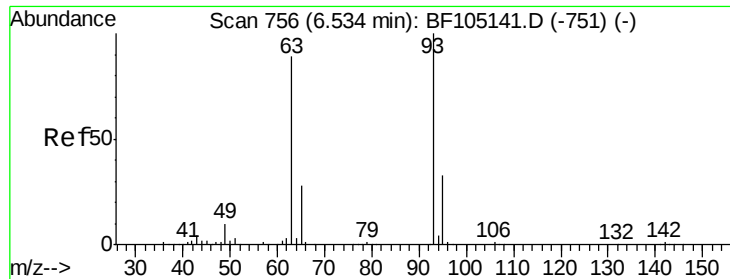
Tot Ion: 77 Resp: 27347
Ion Ratio Lower Upper
77 100
105 98.2 81.1 121.1
106 102.1 74.5 114.5



#10
Phenol
Concen: 2.230 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.02 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

Tgt Ion: 94 Resp: 34627
Ion Ratio Lower Upper
94 100
65 27.4 7.9 47.9
66 37.2 16.2 56.2

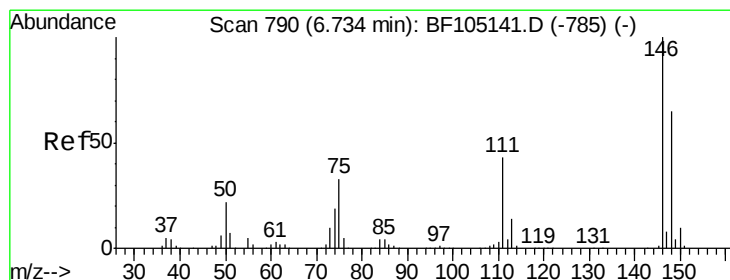
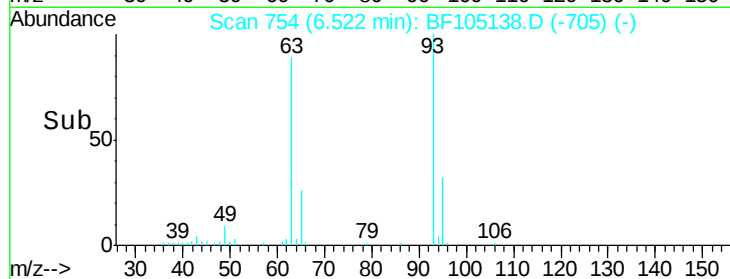
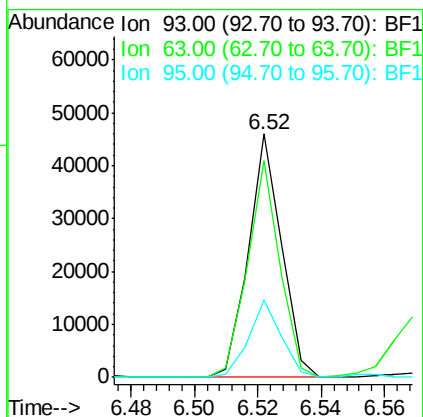
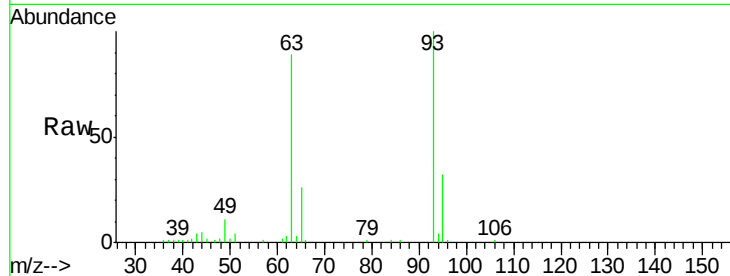




#11
bis(2-Chloroethyl)ether
Concen: 2.682 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

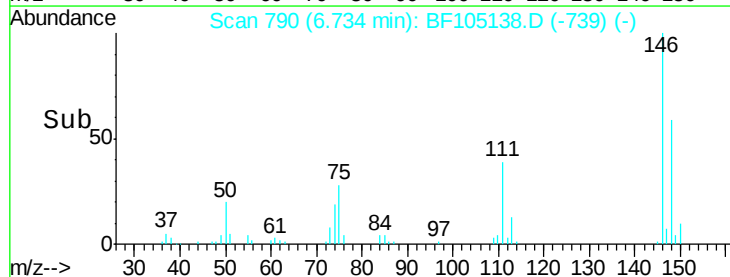
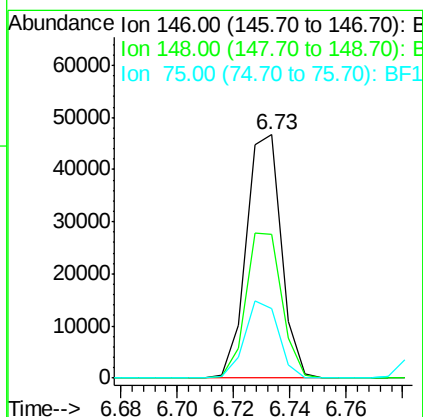
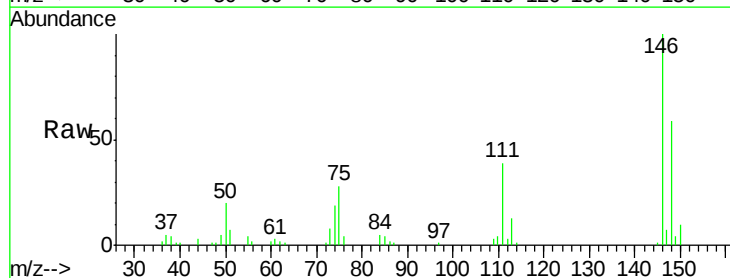
Instrument :
BNA_F
ClientSampleId :

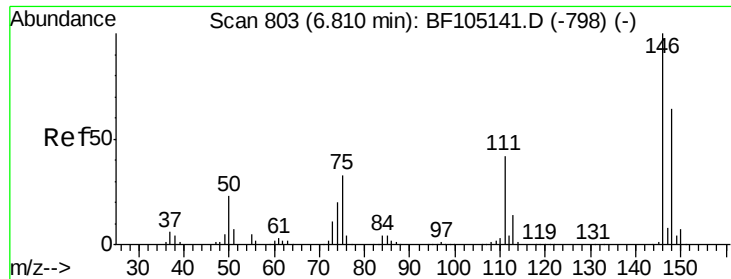
Tot Ion: 93 Resp: 33245
Ion Ratio Lower Upper
93 100
63 88.8 58.6 98.6
95 32.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 2.823 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

Tgt Ion: 146 Resp: 40210
Ion Ratio Lower Upper
146 100
148 58.9 51.8 77.8
75 28.4 24.2 36.4

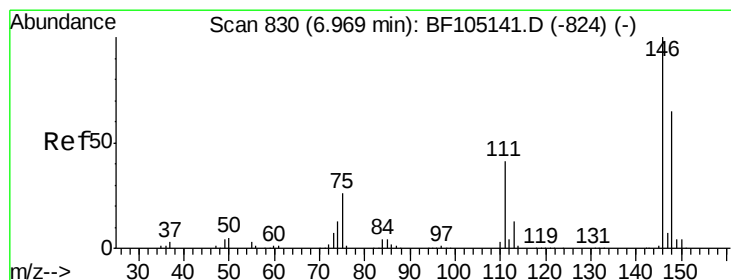
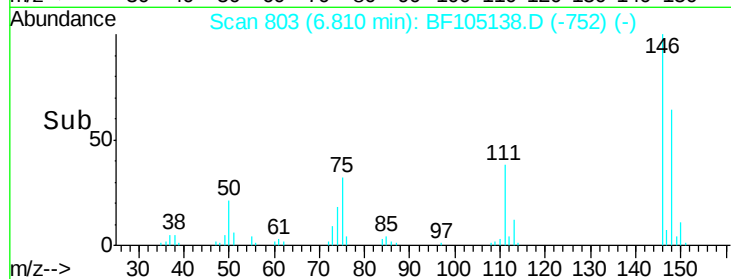
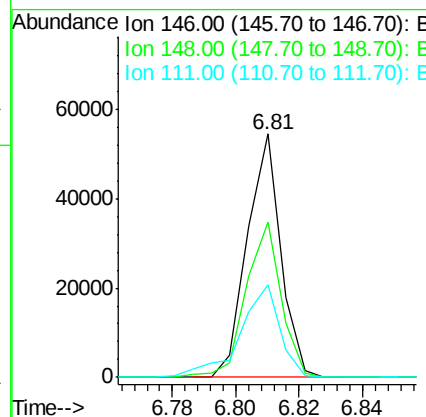
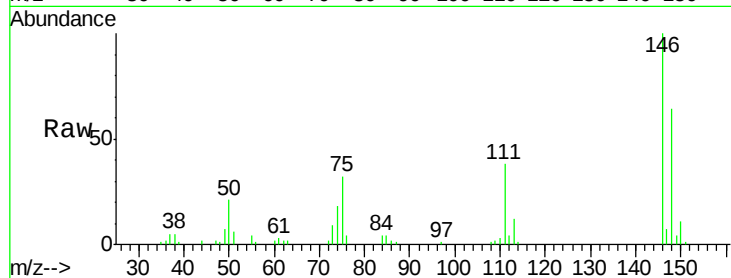




#13
 1,4-Dichlorobenzene
 Concen: 2.806 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF105138.D
 Acq: 8 May 2018 11:13

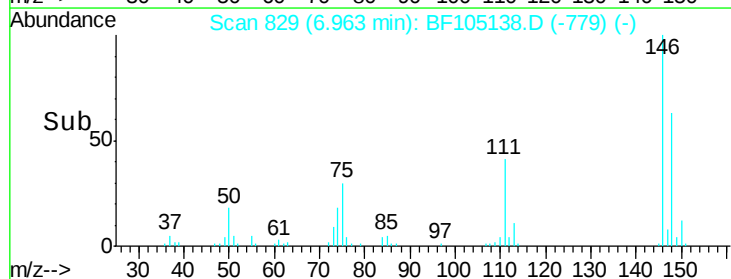
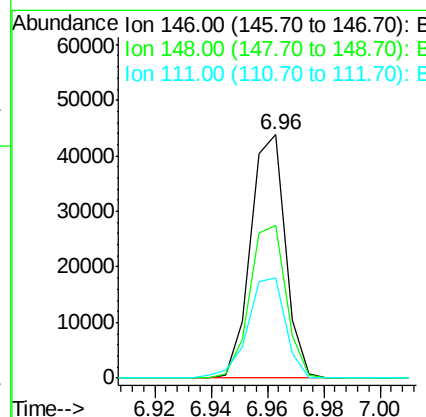
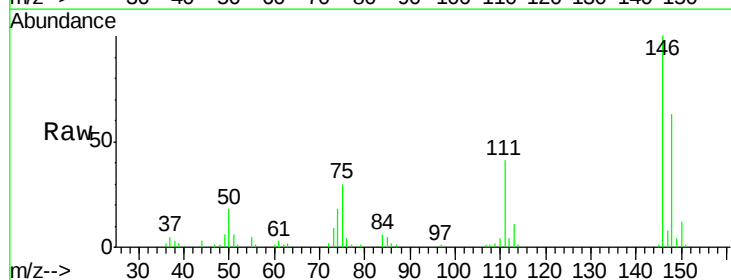
Instrument :
 BNA_F
 ClientSampleId :

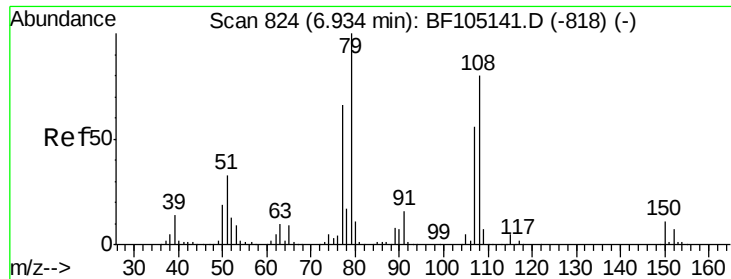
Tot Ion:146 Resp: 39851
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.8 76.2
 111 38.2 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 2.848 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF105138.D
 Acq: 8 May 2018 11:13

Tgt Ion:146 Resp: 37472
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.6 75.8
 111 41.2 36.0 54.0





#15

Benzyl Alcohol

Concen: 1.850 ng

RT: 6.93 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

Instrument :

BNA_F

ClientSampled :

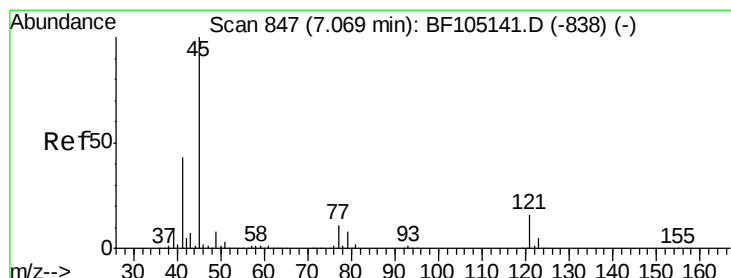
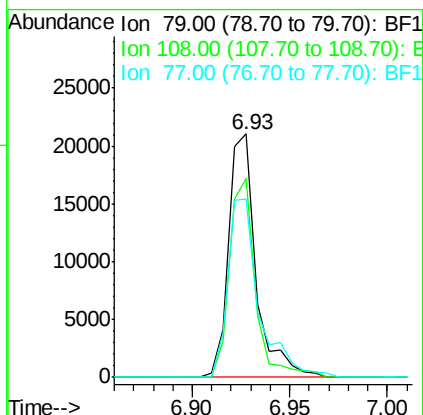
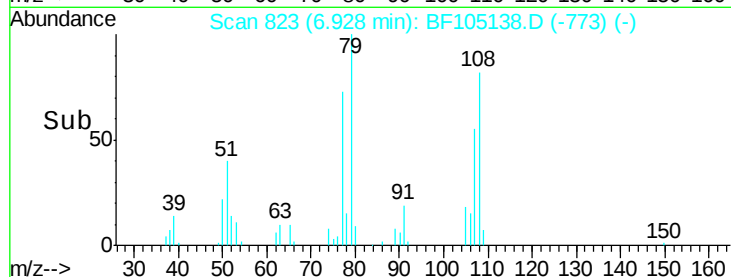
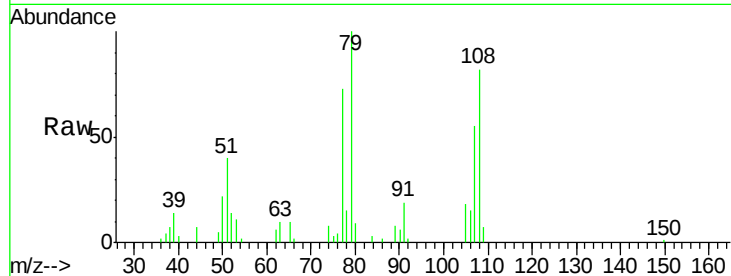
Tot Ion: 79 Resp: 20567

Ion Ratio Lower Upper

79 100

108 81.6 65.1 97.7

77 73.0 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 3.616 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

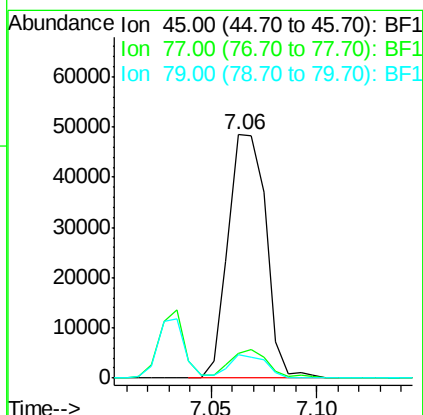
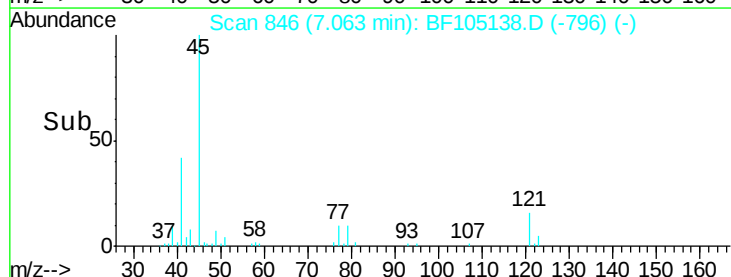
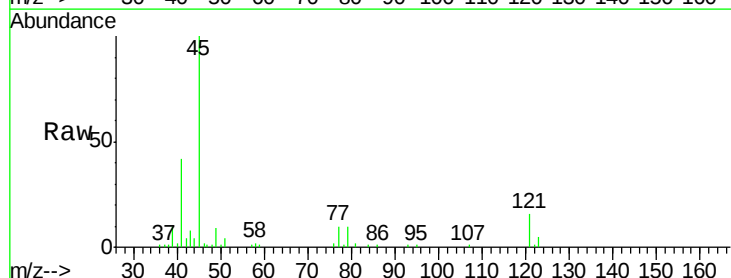
Tgt Ion: 45 Resp: 60190

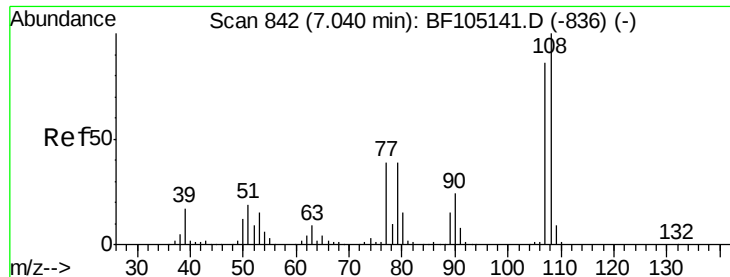
Ion Ratio Lower Upper

45 100

77 10.1 0.0 32.9

79 9.7 0.0 29.6

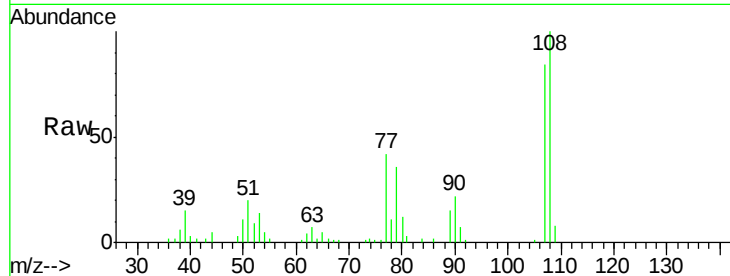




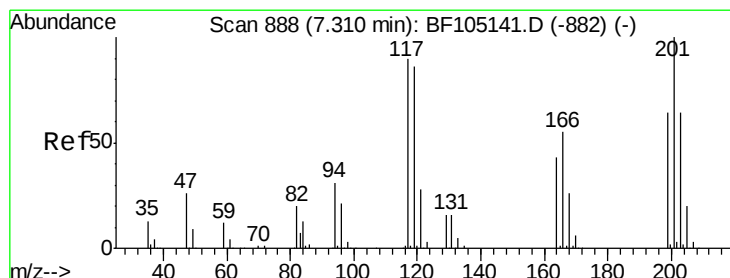
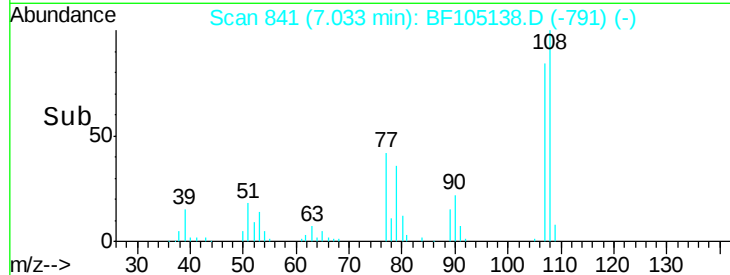
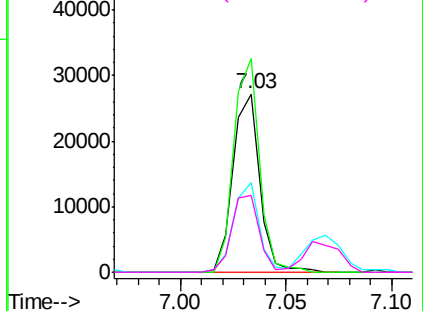
#17
2-Methylphenol
Concen: 2.174 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 23766
Ion Ratio Lower Upper
107 100
108 119.7 91.7 137.5
77 50.0 33.8 50.8
79 43.3 33.8 50.8

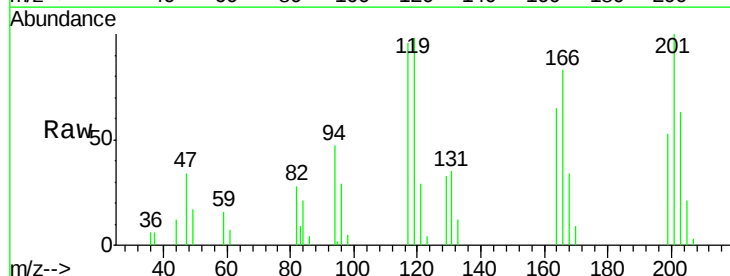


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

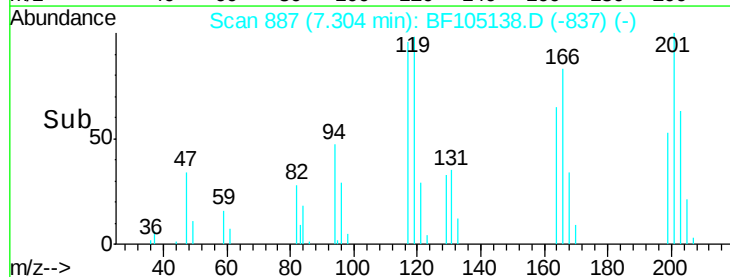
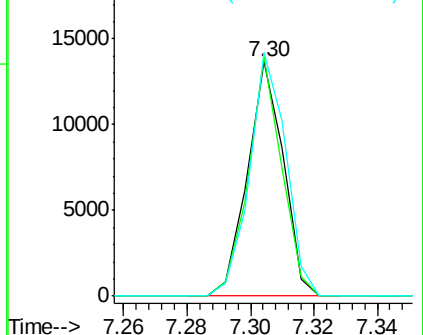


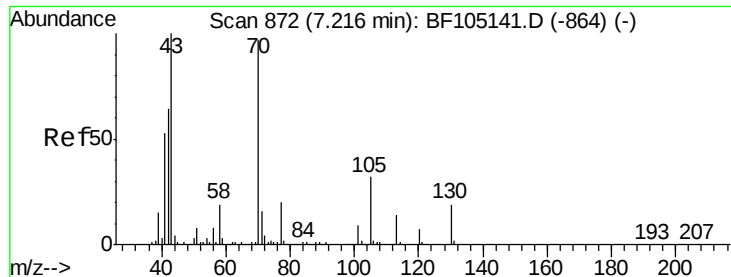
#18
Hexachloroethane
Concen: 2.113 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

Tgt Ion:117 Resp: 10699
Ion Ratio Lower Upper
117 100
119 102.2 75.8 113.8
201 103.9 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

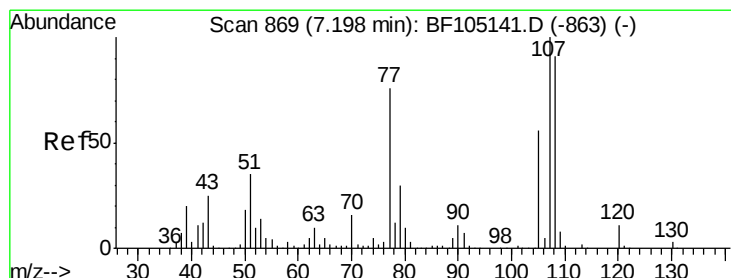
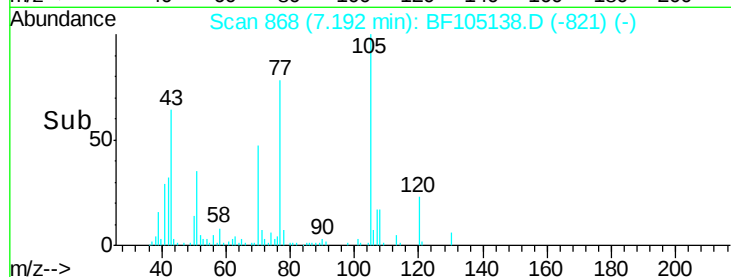
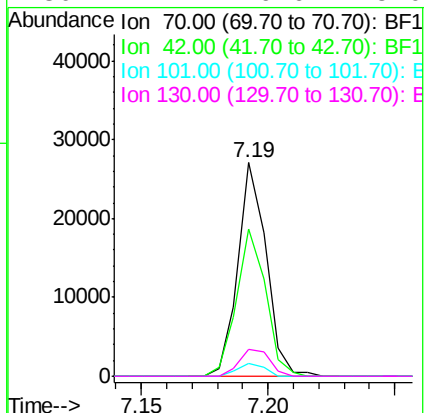
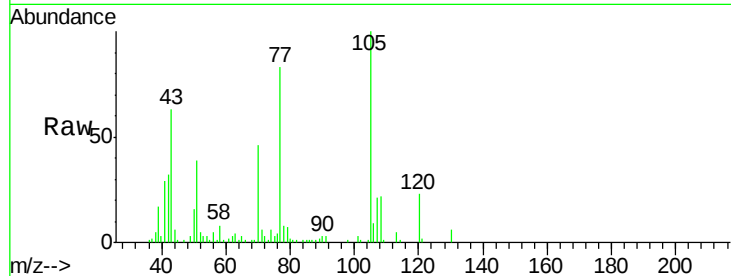




#19
n-Nitroso-di-n-propylamine
Concen: 2.199 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

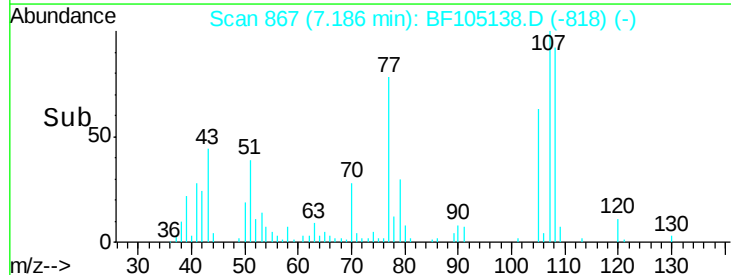
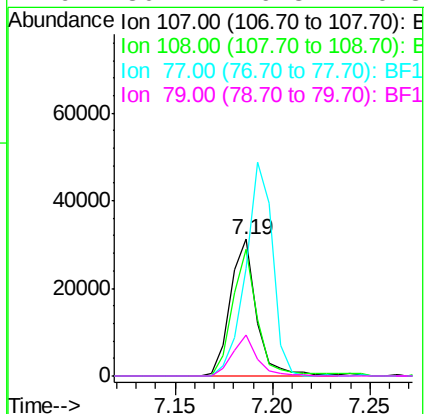
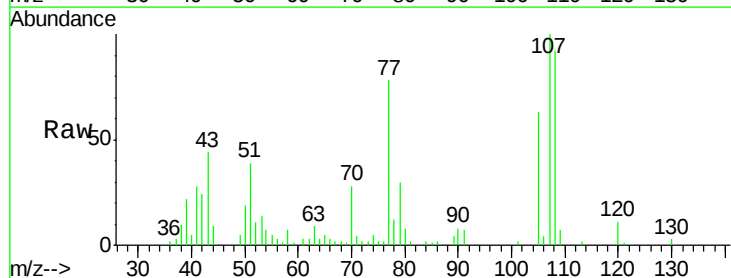
Instrument :
BNA_F
ClientSampleId :

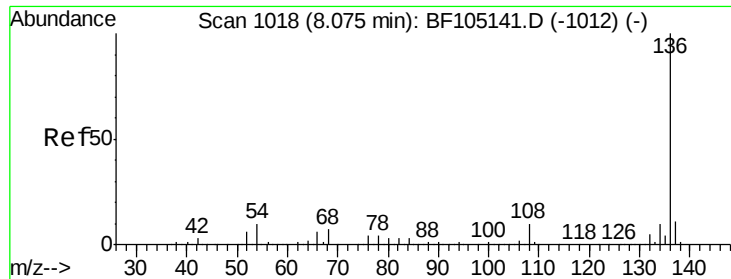
Tot Ion: 70 Resp: 21030
Ion Ratio Lower Upper
70 100
42 69.0 47.5 71.3
101 6.1 7.4 11.2#
130 12.7 16.6 25.0#



#20
3+4-Methylphenols
Concen: 2.151 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

Tgt Ion: 107 Resp: 29159
Ion Ratio Lower Upper
107 100
108 92.4 68.2 108.2
77 78.4 26.7 66.7#
79 30.4 6.3 46.3

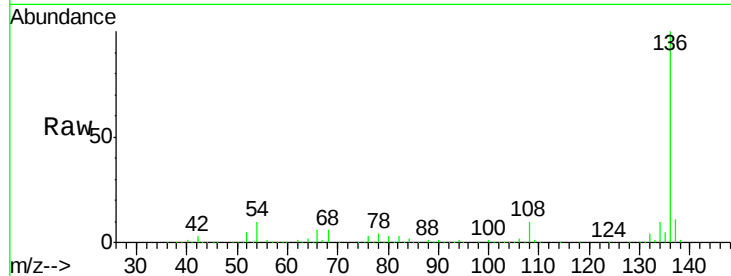




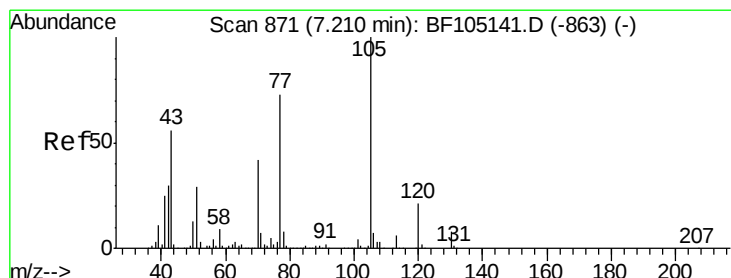
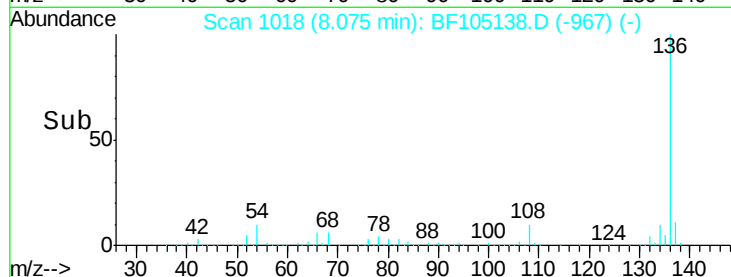
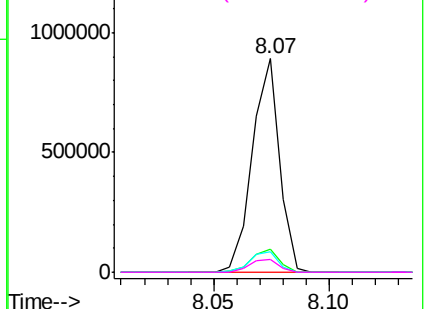
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	734722
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	9.8	6.6 9.8
68	6.0	5.0 7.4

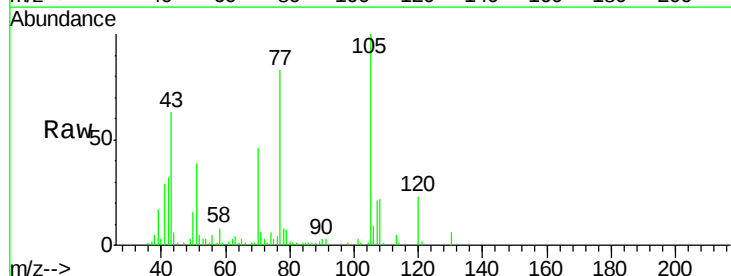


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

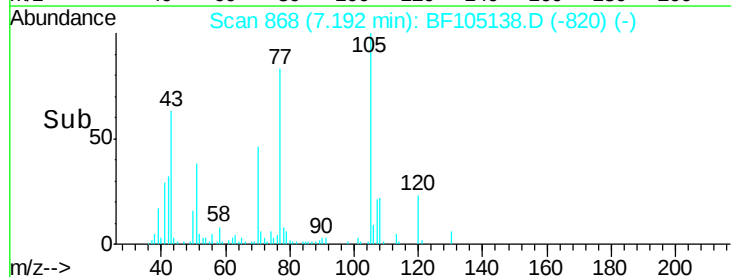
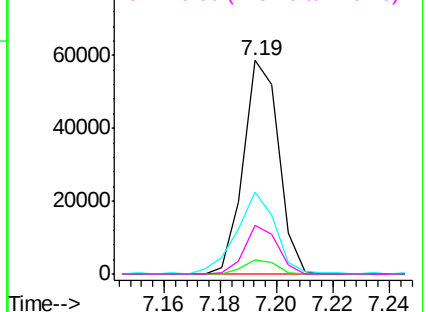


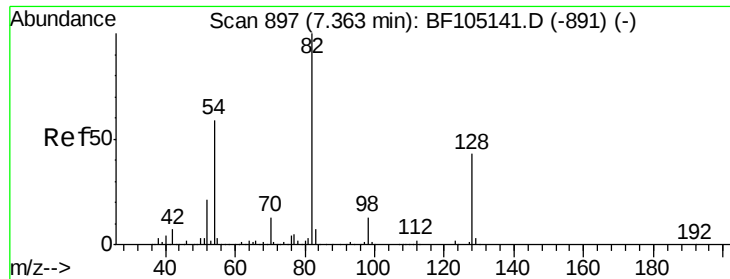
#22
Acetophenone
Concen: 2.819 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

Tgt Ion:105	Resp:	50986
Ion Ratio	Lower	Upper
105	100	
71	6.5	4.4 6.6
51	38.6	22.3 33.5#
120	22.5	16.9 25.3



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

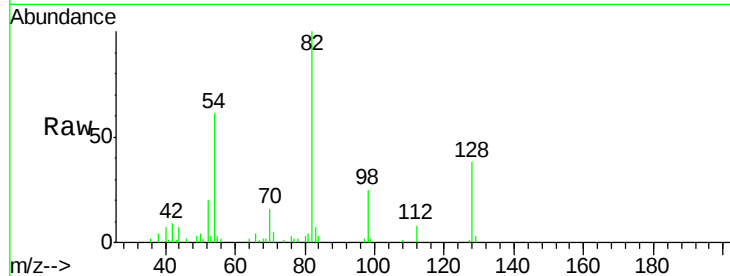




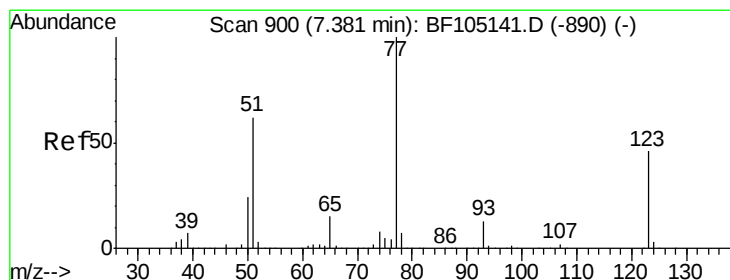
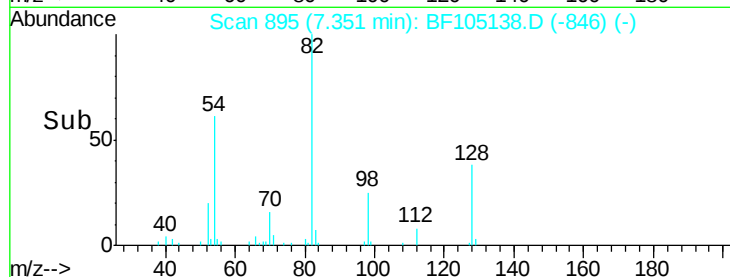
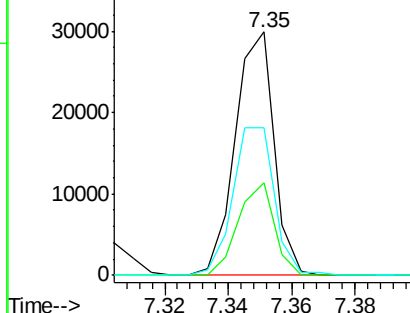
#23
Nitrobenzene-d5
Concen: 2.241 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 25215
Ion Ratio Lower Upper
82 100
128 37.9 36.1 54.1
54 60.6 41.4 62.2

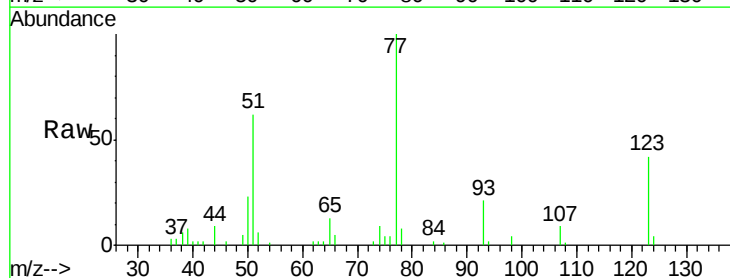


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

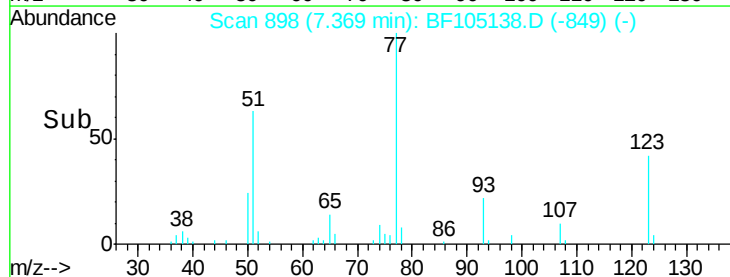
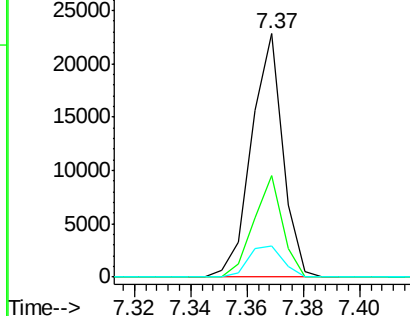


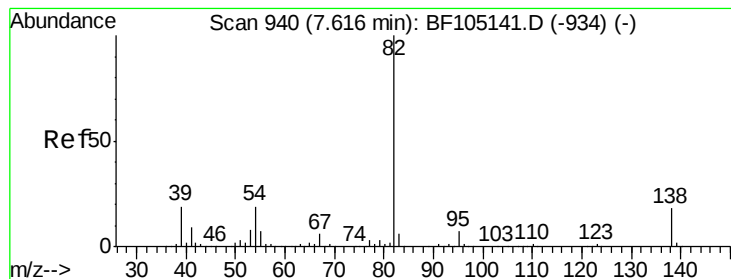
#24
Nitrobenzene
Concen: 1.413 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

Tgt Ion: 77 Resp: 17548
Ion Ratio Lower Upper
77 100
123 42.0 37.9 56.9
65 13.0 11.0 16.4



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





#25

Isophorone

Concen: 2.517 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

Instrument :

BNA_F

ClientSampled :

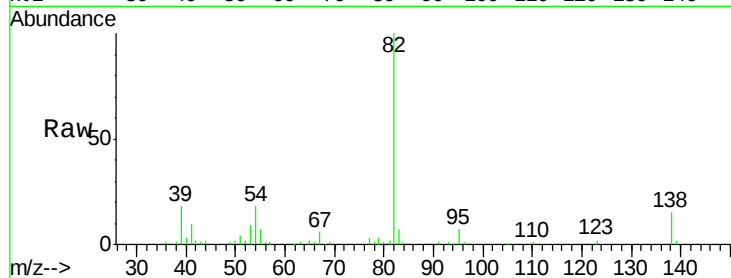
Tot Ion: 82 Resp: 59894

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

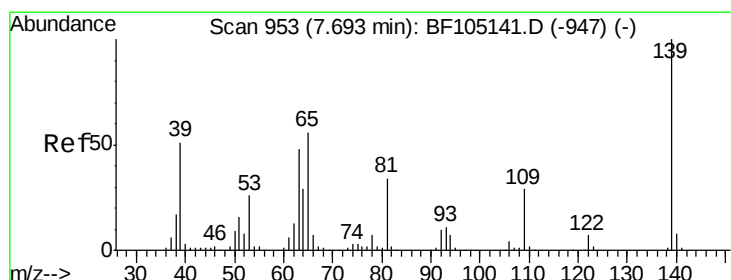
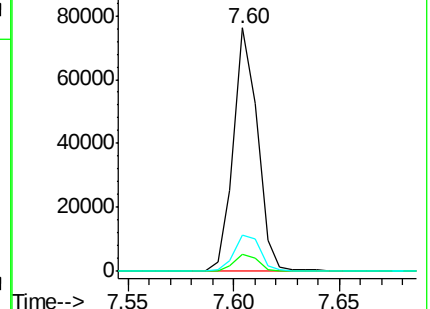
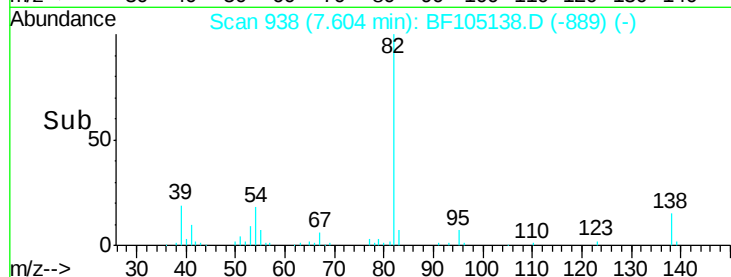
138 15.1 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 0.494 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

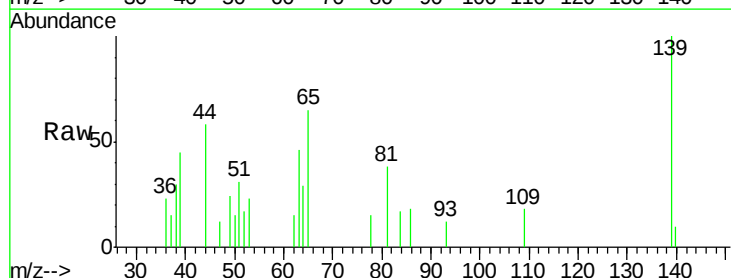
Tgt Ion: 139 Resp: 2498

Ion Ratio Lower Upper

139 100

109 18.5 22.7 34.1#

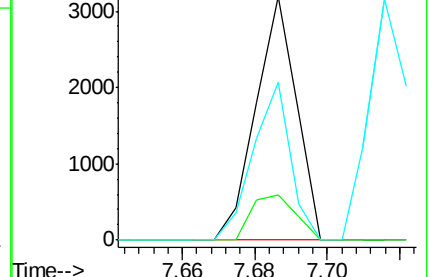
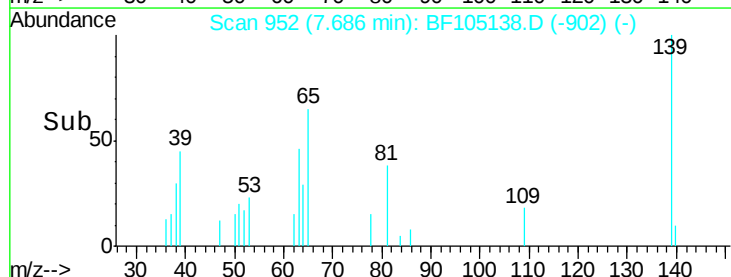
65 64.8 40.5 60.7#

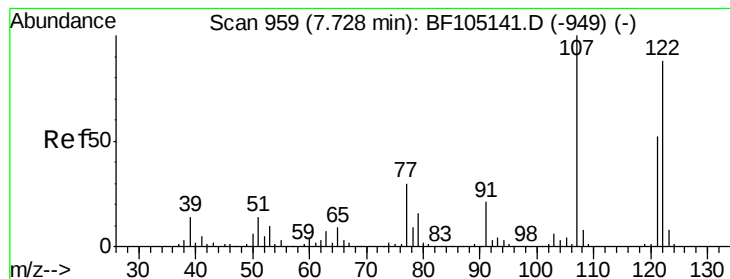


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 2.106 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

Instrument :

BNA_F

ClientSampleId :

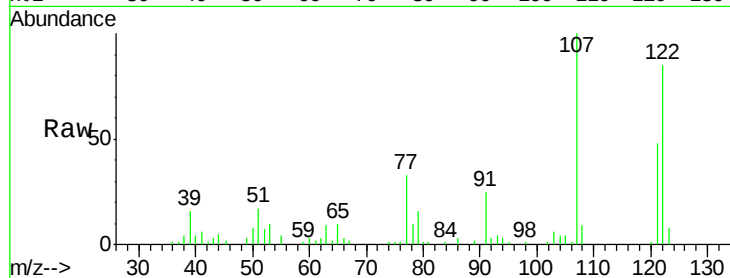
Tot Ion:122 Resp: 22113

Ion Ratio Lower Upper

122 100

107 117.2 91.2 136.8

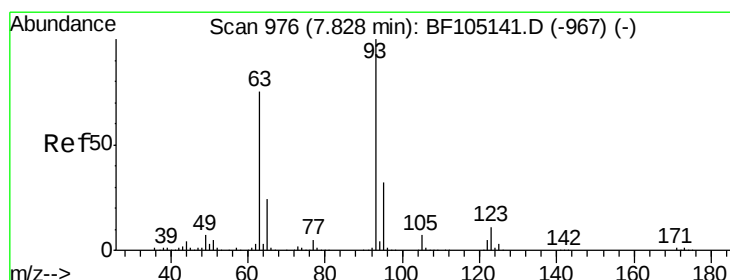
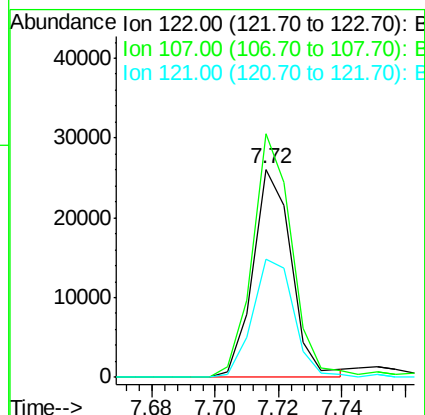
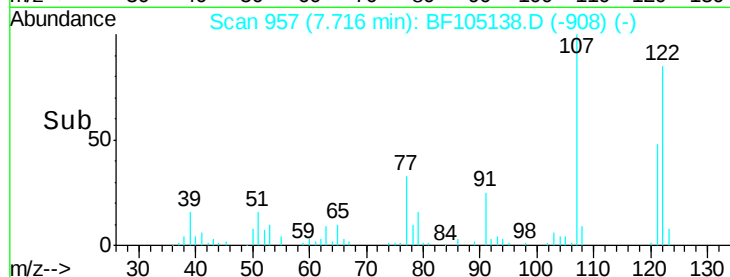
121 56.8 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 2.666 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

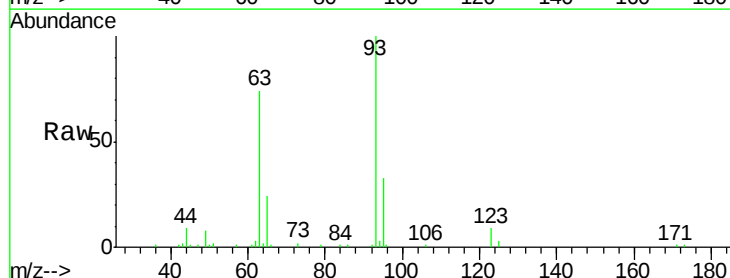
Tgt Ion: 93 Resp: 38778

Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

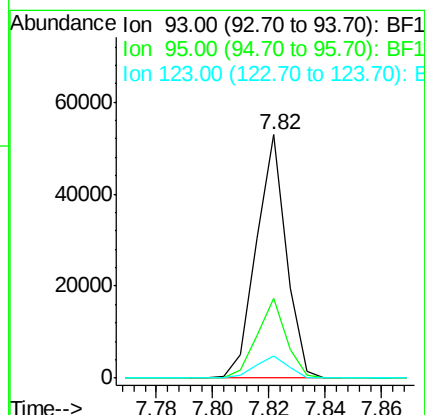
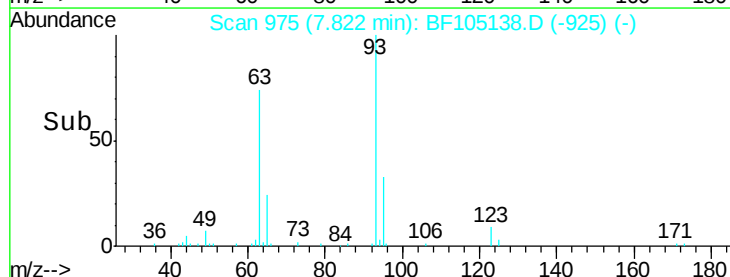
123 9.0 9.8 14.6#

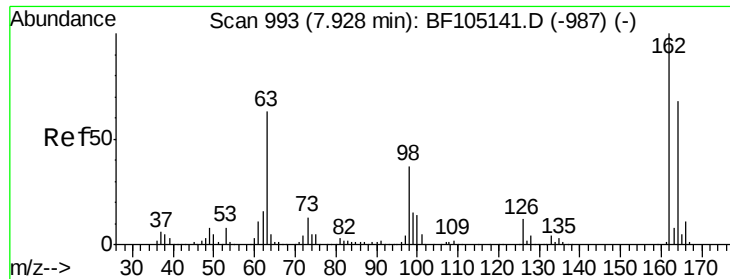


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

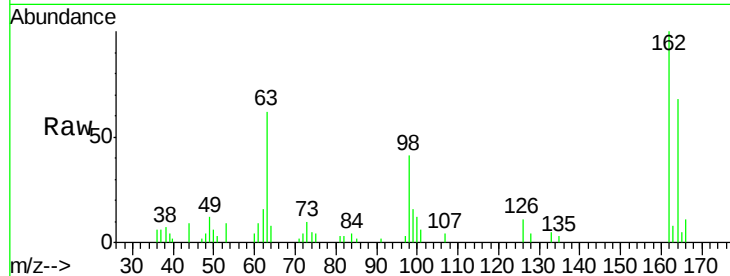




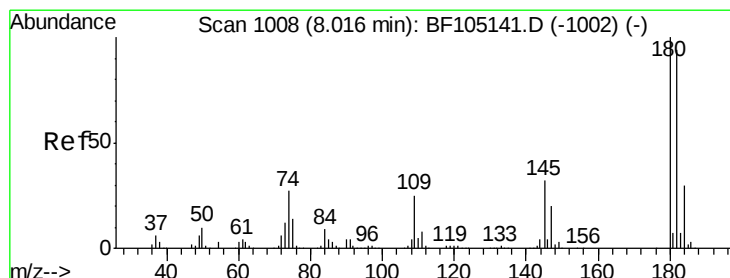
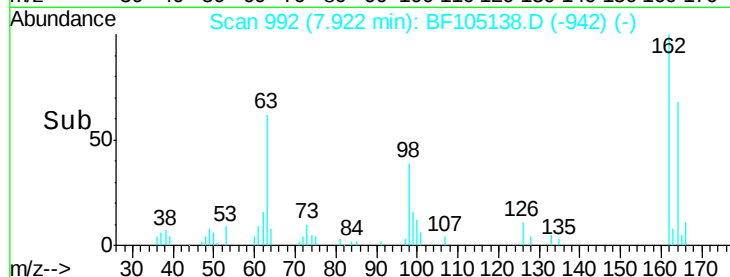
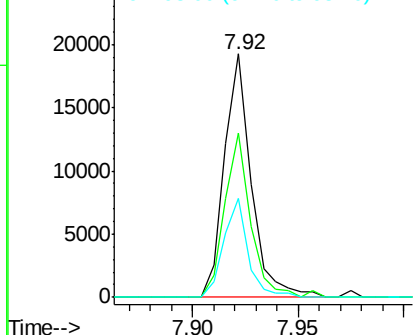
#29
 2,4-Dichlorophenol
 Concen: 1.692 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF105138.D
 Acq: 8 May 2018 11:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 16954
 Ion Ratio Lower Upper
 162 100
 164 67.7 42.7 82.7
 98 40.5 18.1 58.1

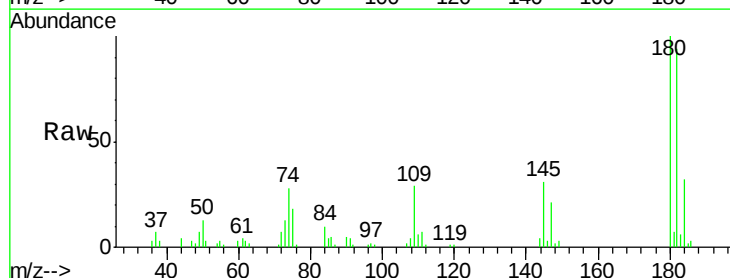


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

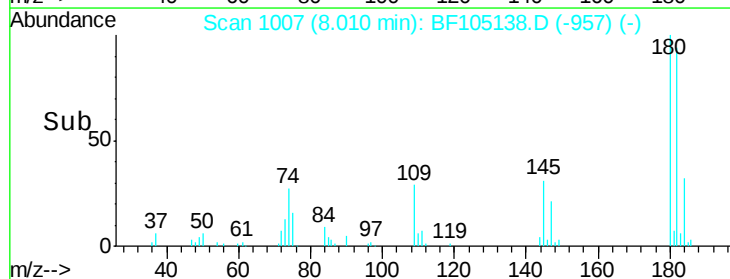
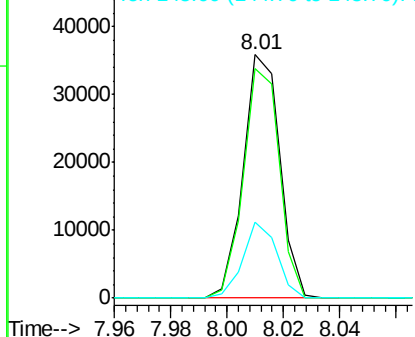


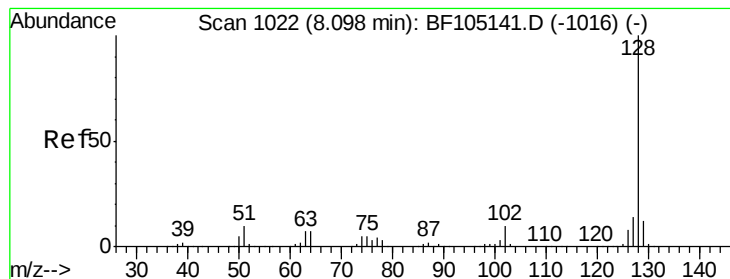
#30
 1,2,4-Trichlorobenzene
 Concen: 2.939 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF105138.D
 Acq: 8 May 2018 11:13

Tgt Ion:180 Resp: 32322
 Ion Ratio Lower Upper
 180 100
 182 94.5 76.8 115.2
 145 31.3 26.5 39.7



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





#31

Naphthalene

Concen: 2.864 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

Instrument :

BNA_F

ClientSampleId :

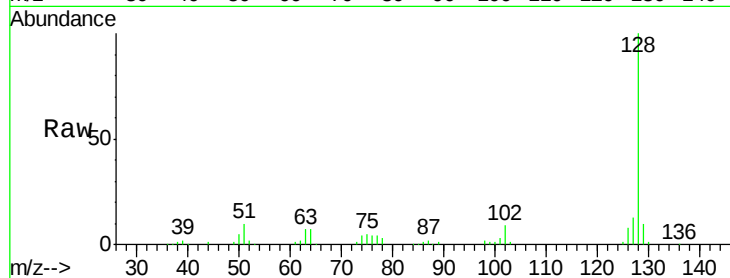
Tot Ion:128 Resp: 104766

Ion Ratio Lower Upper

128 100

129 10.4 8.8 13.2

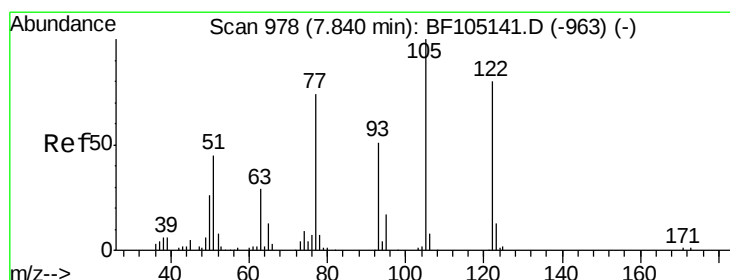
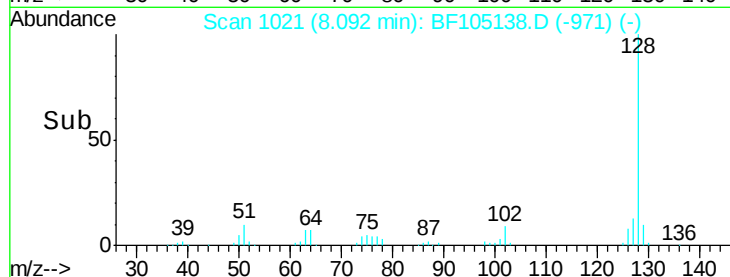
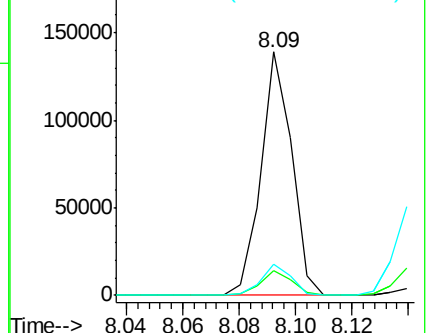
127 13.0 10.9 16.3



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: 2.639 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.12 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

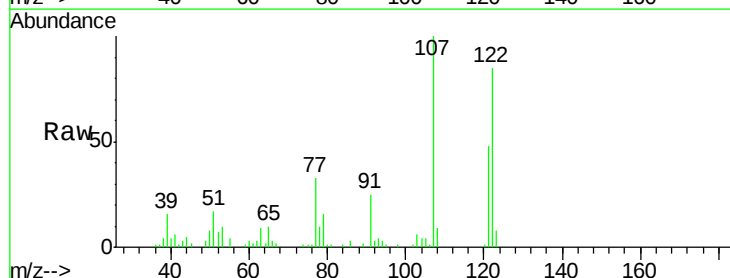
Tgt Ion:122 Resp: 22113

Ion Ratio Lower Upper

122 100

105 4.2 101.1 141.1#

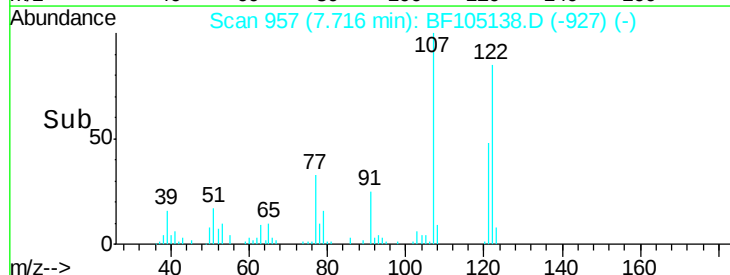
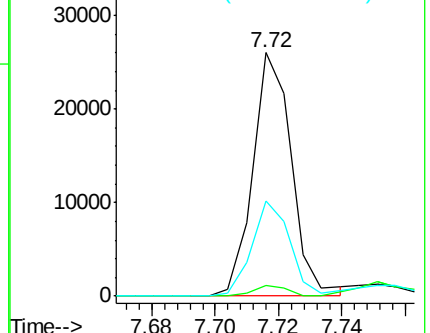
77 39.0 70.7 110.7#

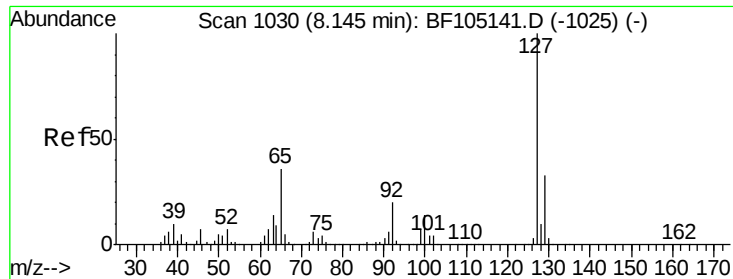


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

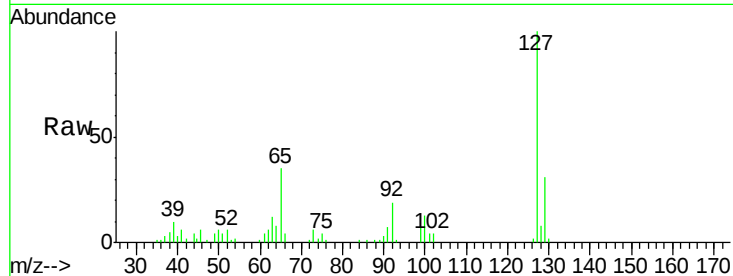




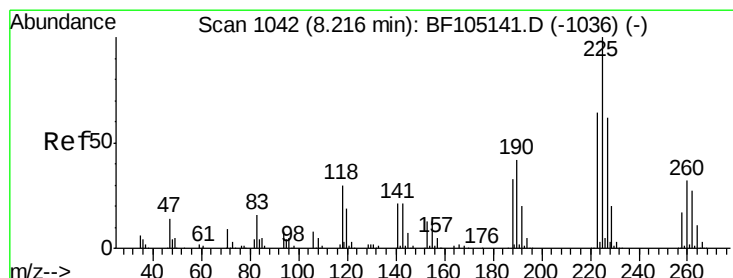
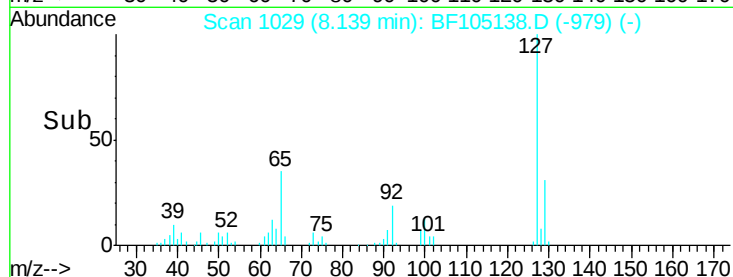
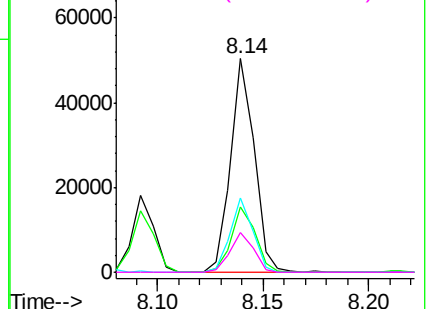
#33
4-Chloroaniline
Concen: 2.497 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	39144
Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.9	38.9
65	34.7	25.0	37.4
92	18.5	15.2	22.8

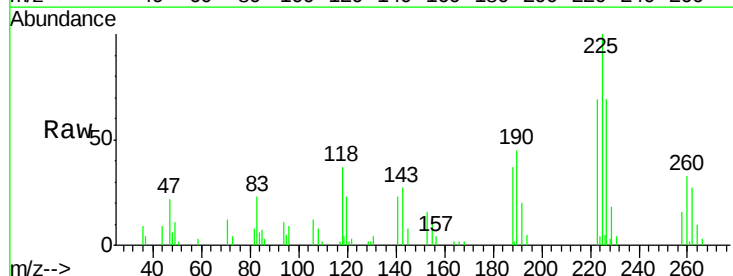


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

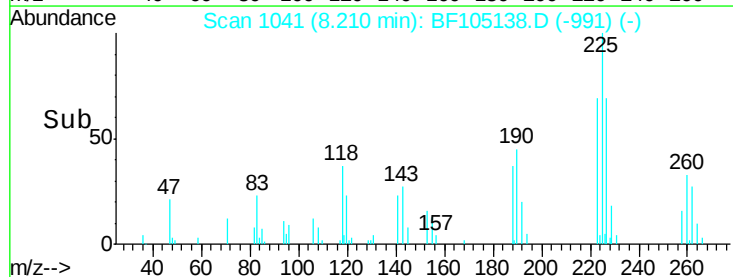
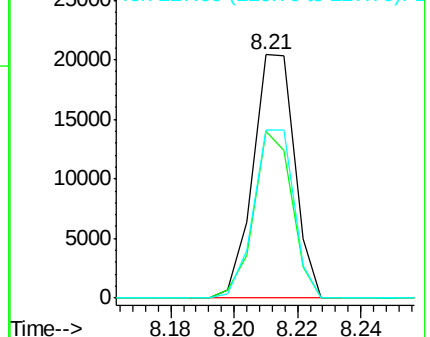


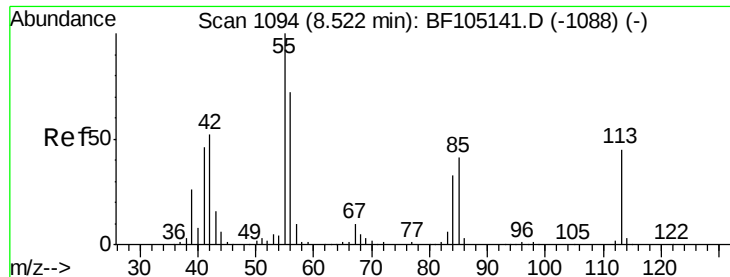
#34
Hexachlorobutadiene
Concen: 3.089 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

Tgt Ion:	225	Resp:	18603
Ion	Ratio	Lower	Upper
225	100		
223	72.7	50.6	76.0
227	68.8	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: 0.669 ng

RT: 8.46 min Scan# 1084

Delta R.T. -0.06 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

Instrument :

BNA_F

ClientSampleId :

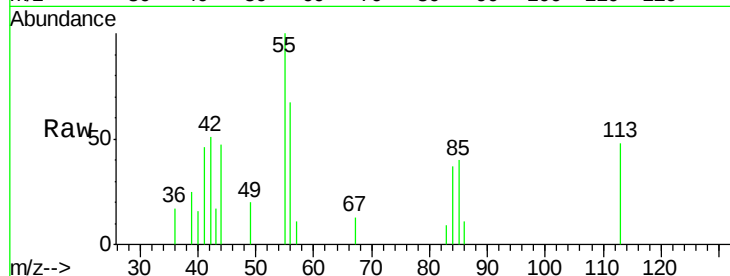
Tot Ion:113 Resp: 2340

Ion Ratio Lower Upper

113 100

55 206.5 163.3 203.3#

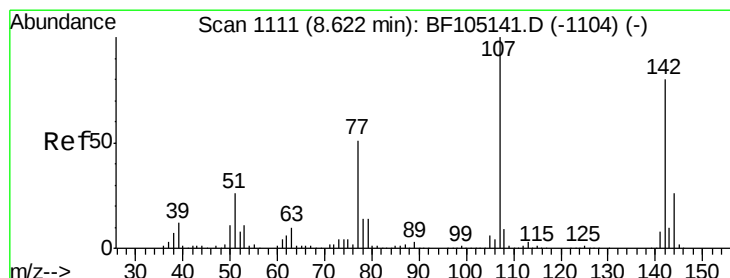
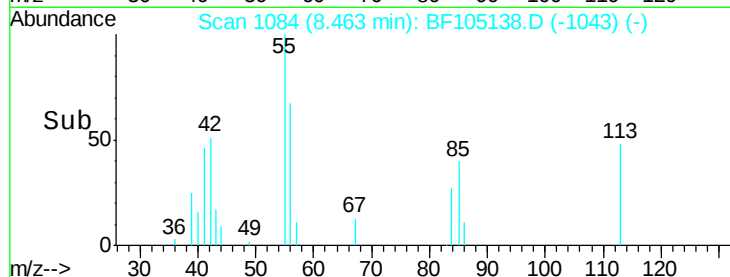
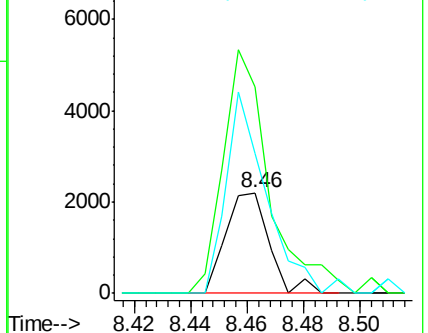
56 139.1 115.7 155.7



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: 1.765 ng

RT: 8.61 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

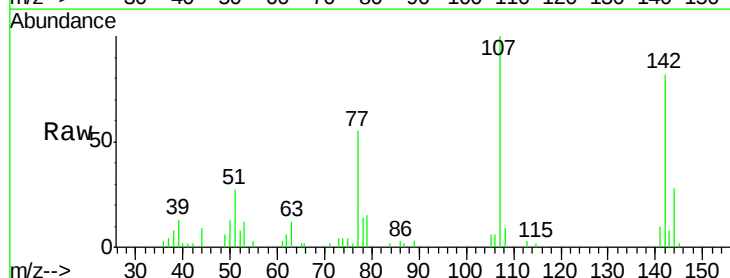
Tgt Ion:107 Resp: 18962

Ion Ratio Lower Upper

107 100

144 27.6 20.5 30.7

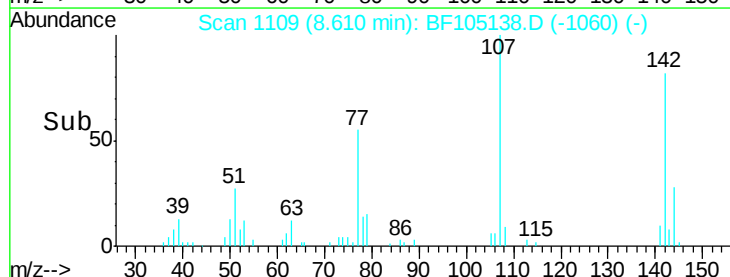
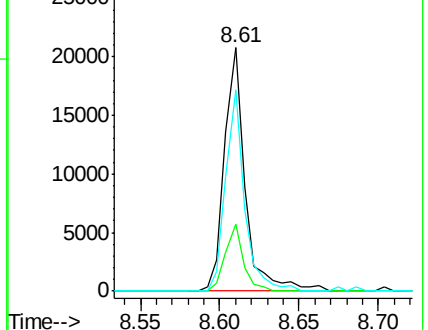
142 82.5 62.0 93.0

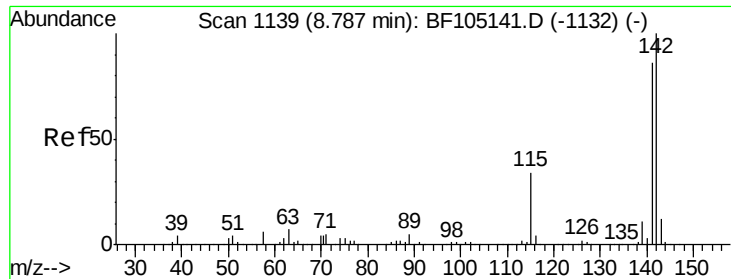


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

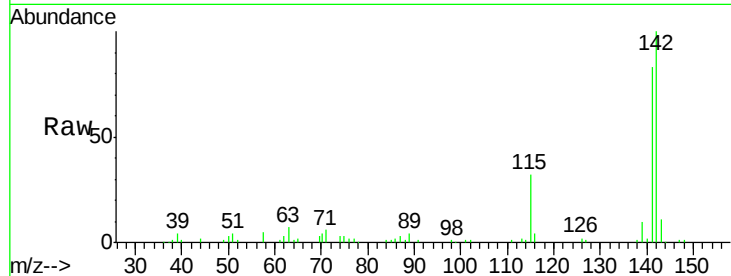




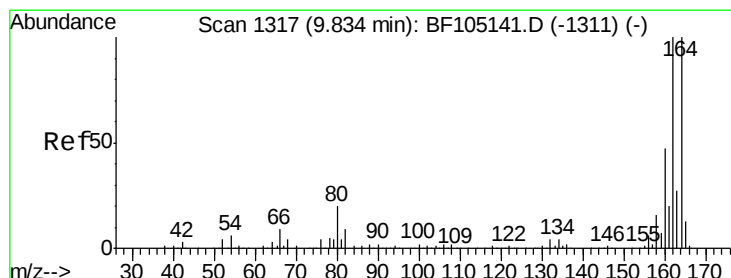
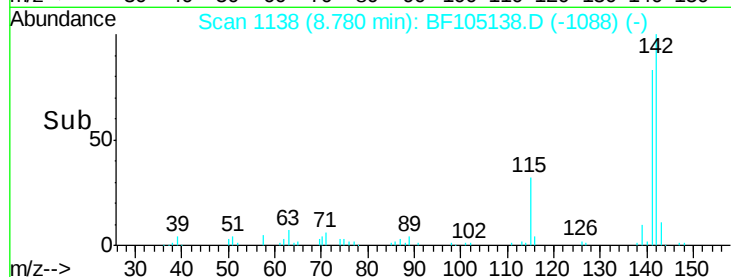
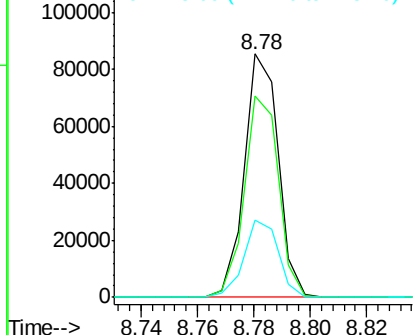
#37
2-Methylnaphthalene
Concen: 3.000 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 71005
Ion Ratio Lower Upper
142 100
141 82.6 70.8 106.2
115 31.7 26.1 39.1

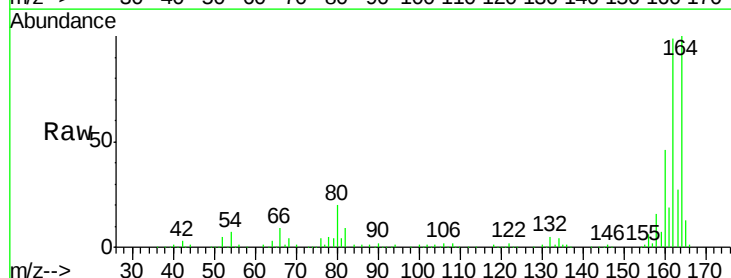


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

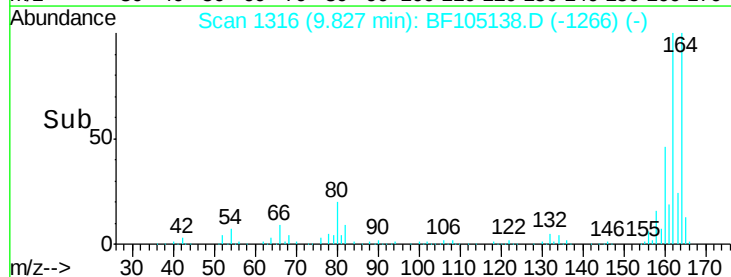
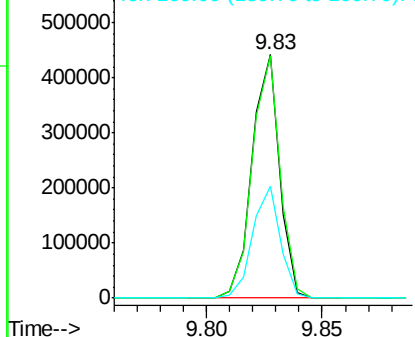


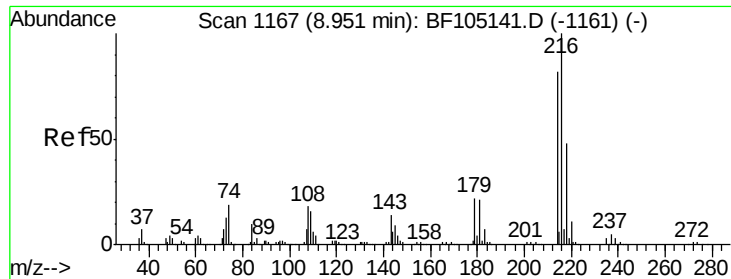
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

Tgt Ion:164 Resp: 368474
Ion Ratio Lower Upper
164 100
162 99.4 86.1 129.1
160 46.2 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 3.172 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 33455

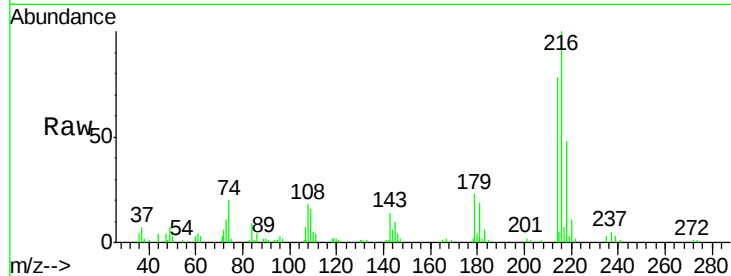
Ion Ratio Lower Upper

216 100

214 76.8 63.0 94.4

179 22.2 18.1 27.1

108 18.3 17.2 25.8

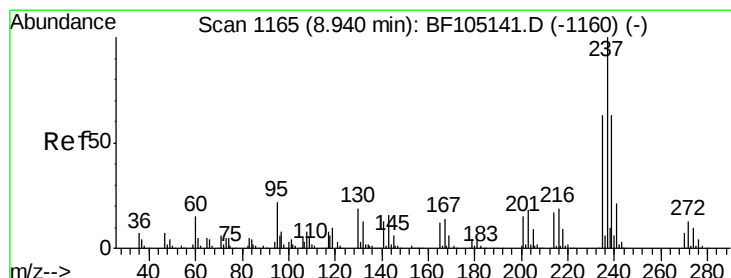
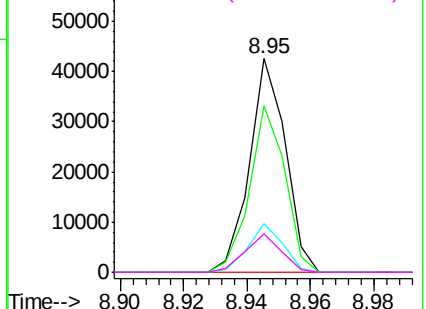
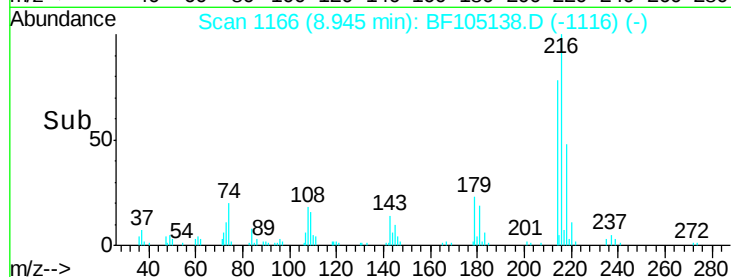


Abundance Ion 216.00 (215.70 to 216.70): E

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: 1.349 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

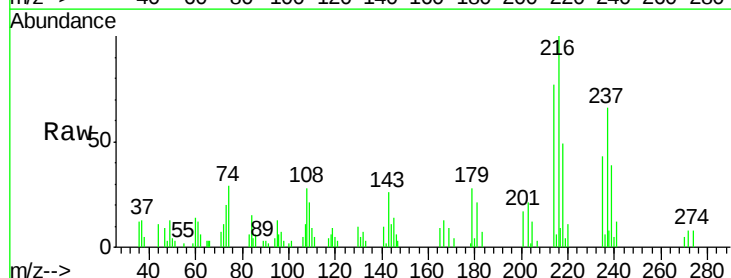
Tgt Ion:237 Resp: 7967

Ion Ratio Lower Upper

237 100

235 65.0 44.8 84.8

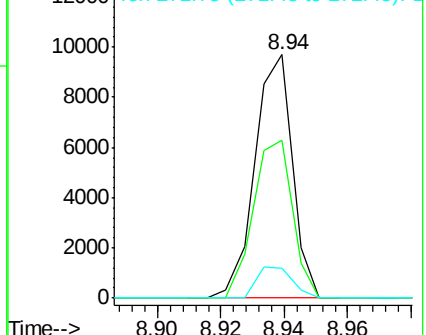
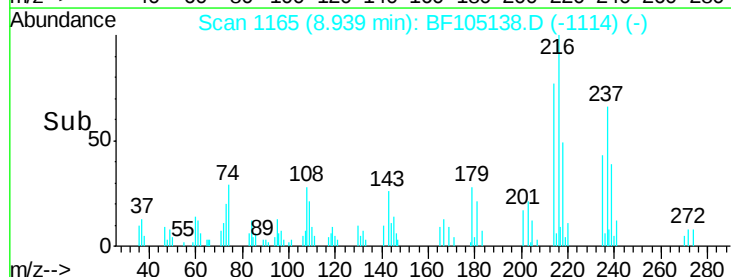
272 12.1 0.0 33.3

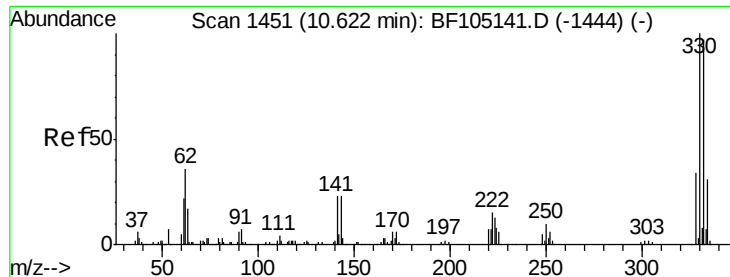


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 2.421 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

Instrument :

BNA_F

ClientSampleId :

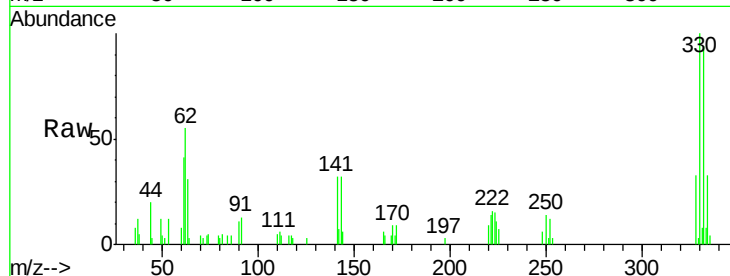
Tot Ion:330 Resp: 9252

Ion Ratio Lower Upper

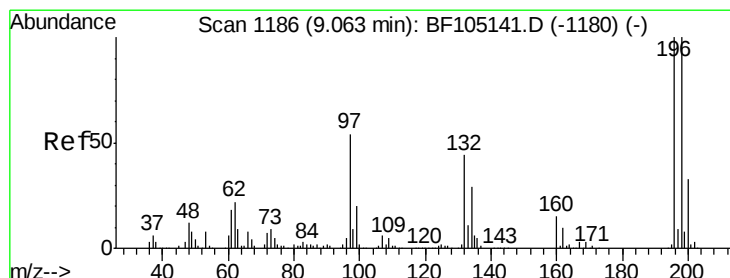
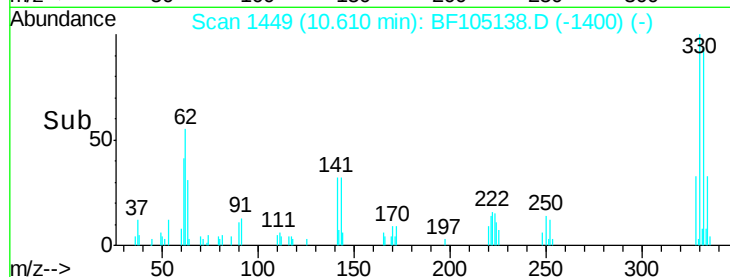
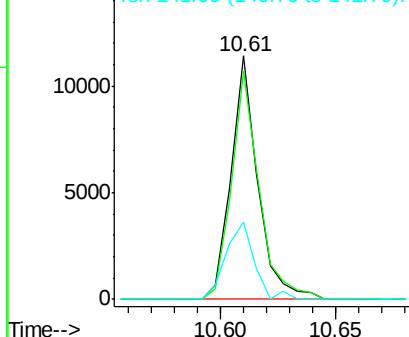
330 100

332 96.2 77.0 115.6

141 33.5 29.9 44.9



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



#42

2,4,6-Trichlorophenol

Concen: 1.375 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

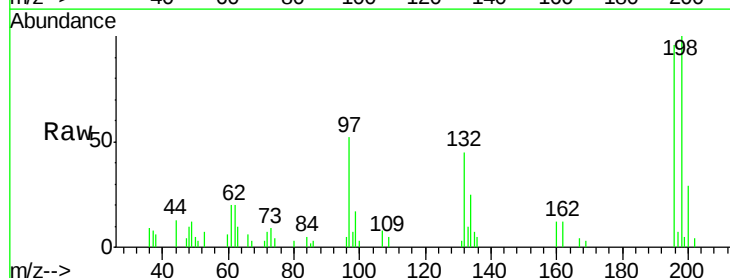
Tgt Ion:196 Resp: 10068

Ion Ratio Lower Upper

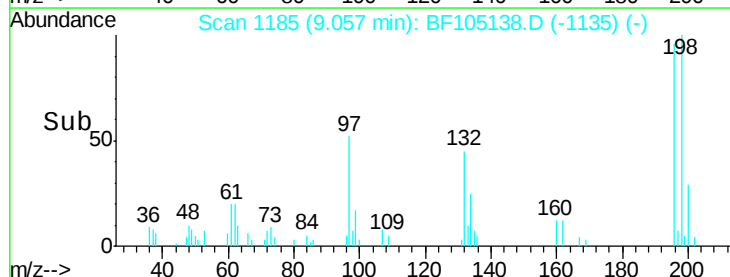
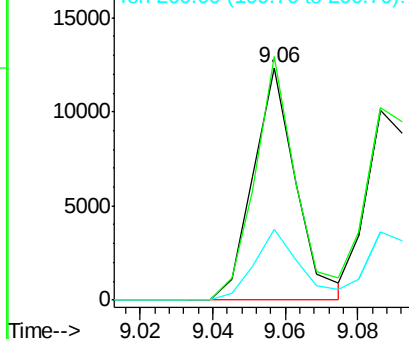
196 100

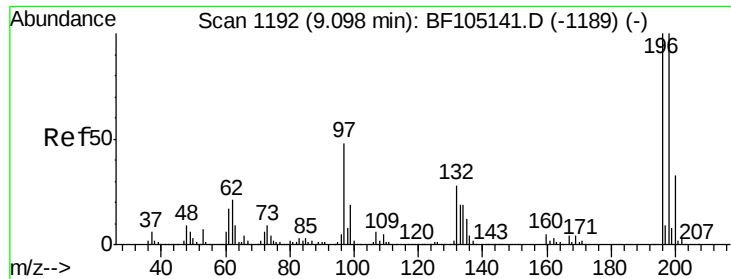
198 104.6 75.7 113.5

200 30.3 24.5 36.7



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

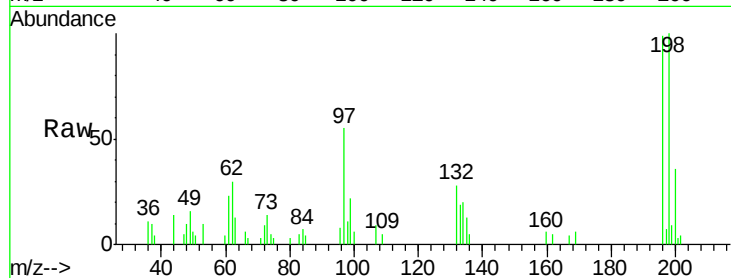




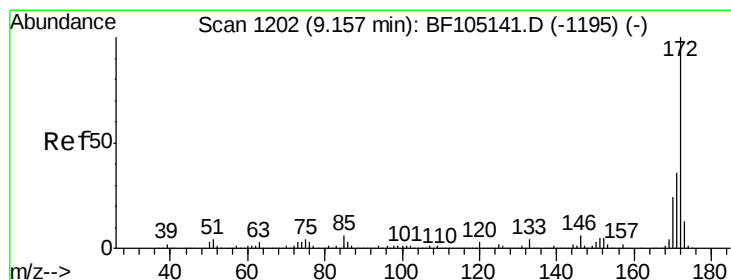
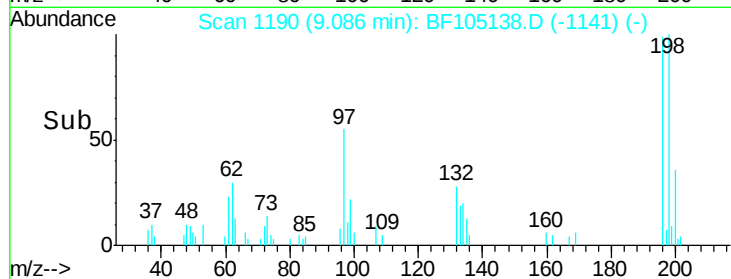
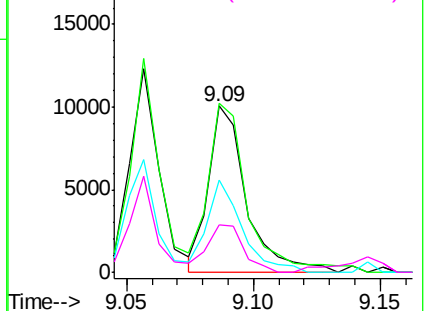
#43
 2,4,5-Trichlorophenol
 Concen: 1.284 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF105138.D
 Acq: 8 May 2018 11:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 10520
 Ion Ratio Lower Upper
 196 100
 198 101.5 74.6 112.0
 97 55.5 42.9 64.3
 132 28.4 26.3 39.5

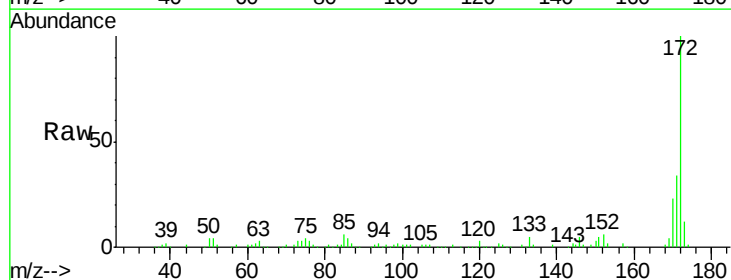


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

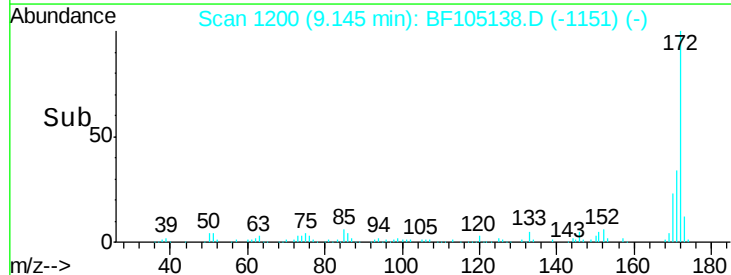
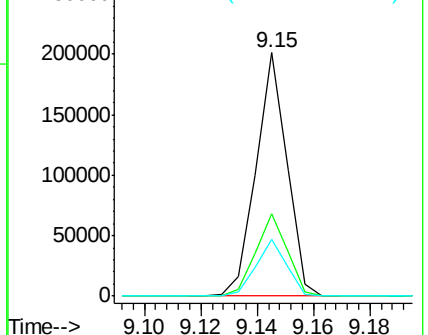


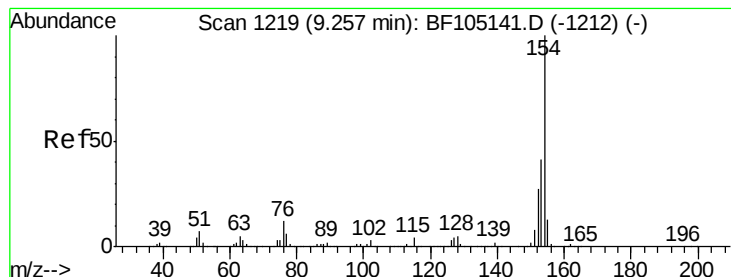
#44
 2-Fluorobiphenyl
 Concen: 6.554 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF105138.D
 Acq: 8 May 2018 11:13

Tgt Ion:172 Resp: 152877
 Ion Ratio Lower Upper
 172 100
 171 33.6 29.7 44.5
 170 23.5 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: 2.831 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

Instrument :

BNA_F

ClientSampleId :

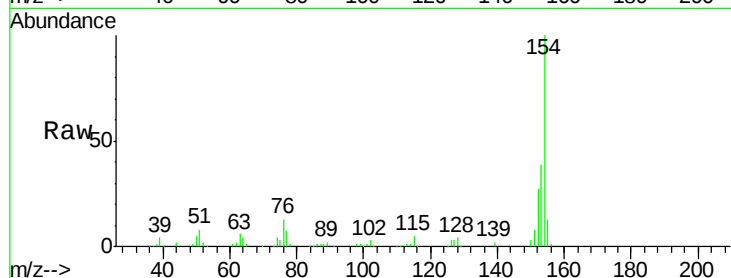
Tot Ion:154 Resp: 87621

Ion Ratio Lower Upper

154 100

153 39.1 21.3 61.3

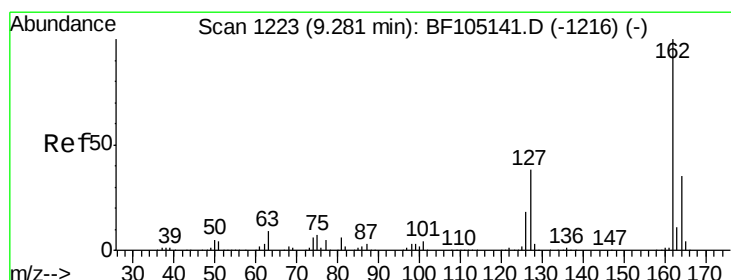
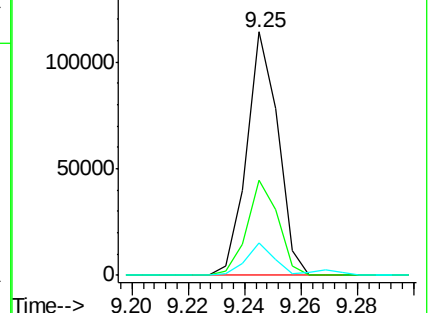
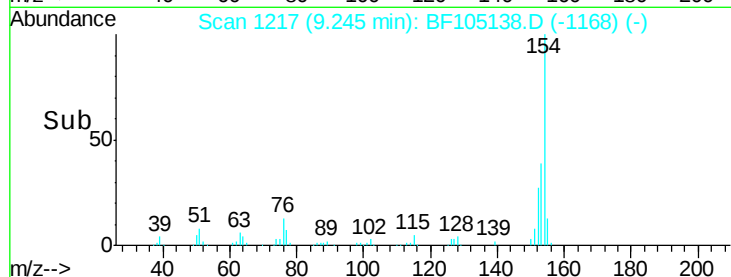
76 13.2 0.0 34.0



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: 2.572 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.01 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

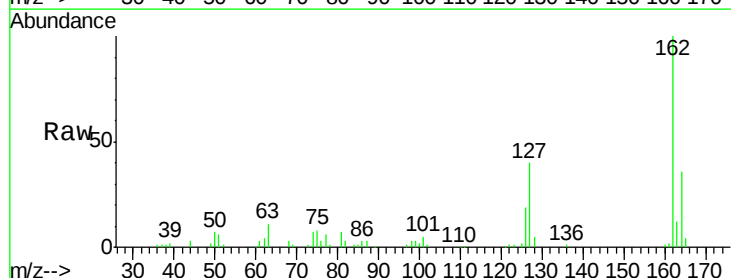
Tgt Ion:162 Resp: 62876

Ion Ratio Lower Upper

162 100

127 39.8 33.9 50.9

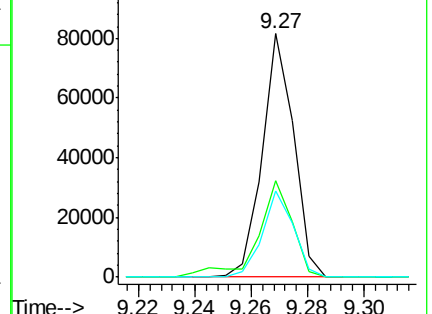
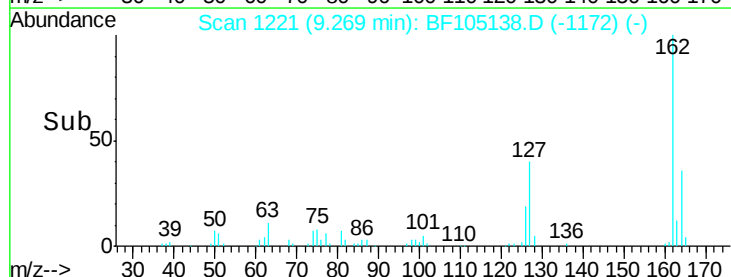
164 35.6 26.5 39.7

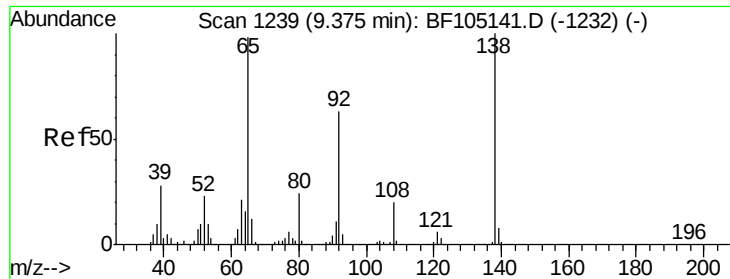


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

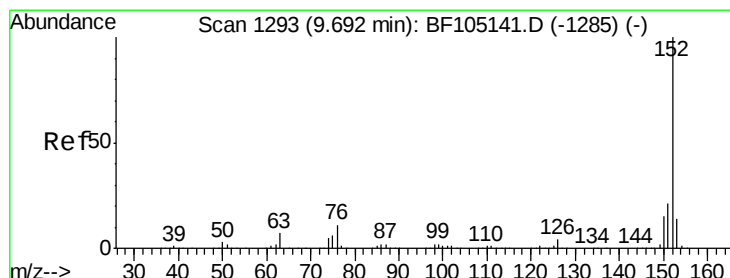
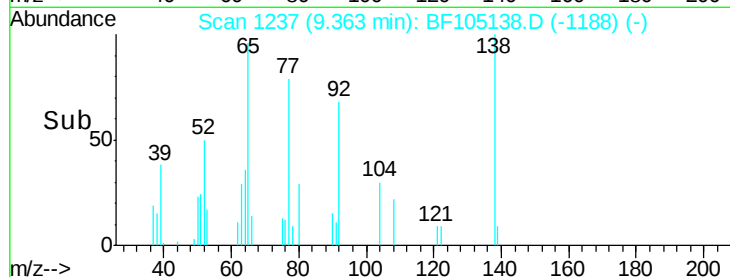
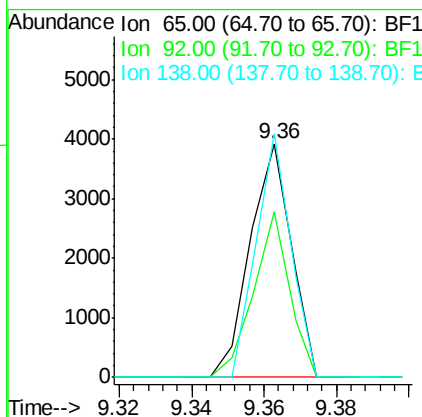
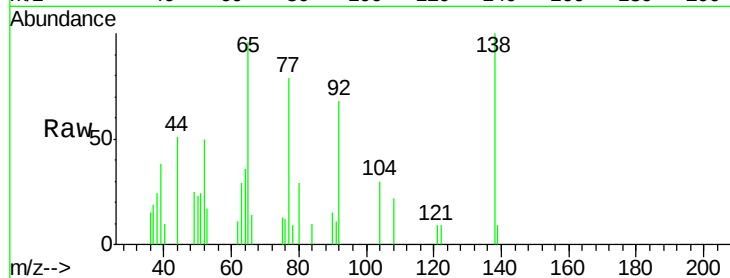




#47
2-Nitroaniline
Concen: 0.510 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

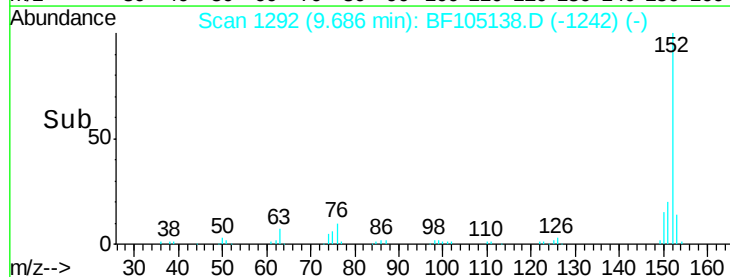
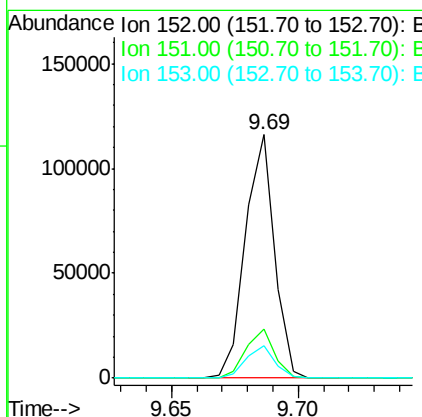
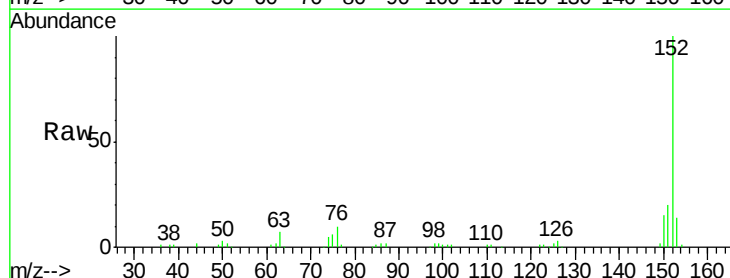
Instrument :
BNA_F
ClientSampled :

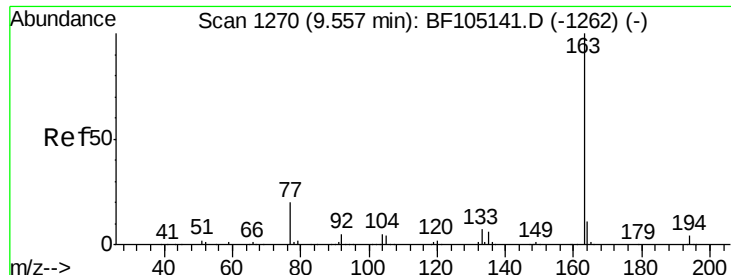
Tot Ion: 65 Resp: 3086
Ion Ratio Lower Upper
65 100
92 70.9 55.8 83.6
138 104.3 91.2 136.8



#48
Acenaphthylene
Concen: 2.414 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

Tgt Ion: 152 Resp: 92613
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.5 10.7 16.1

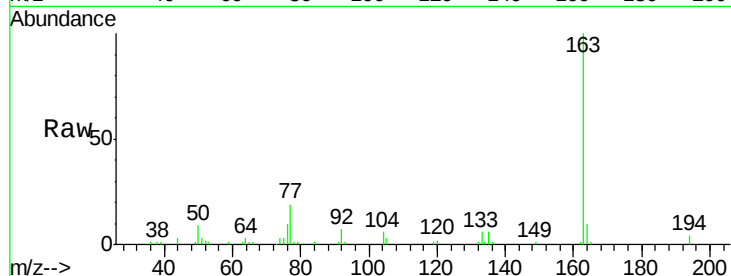




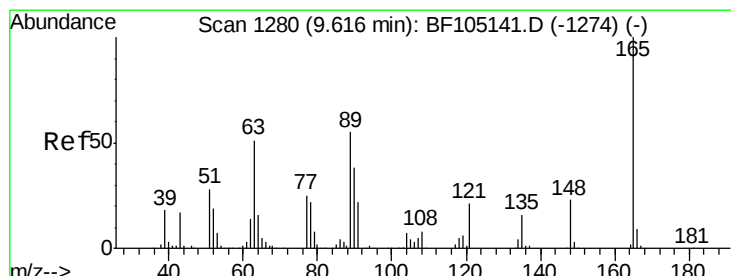
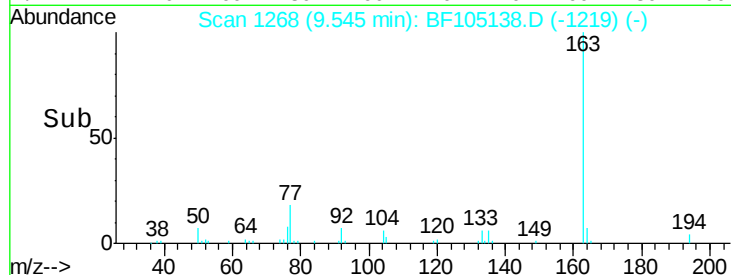
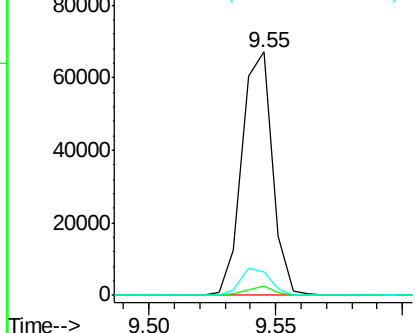
#49
Dimethylphthalate
Concen: 1.928 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 56036
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 9.9 8.2 12.2

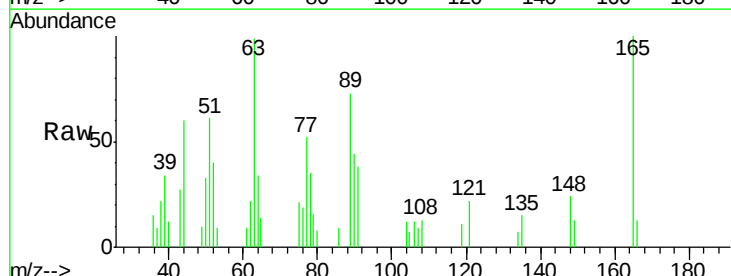


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

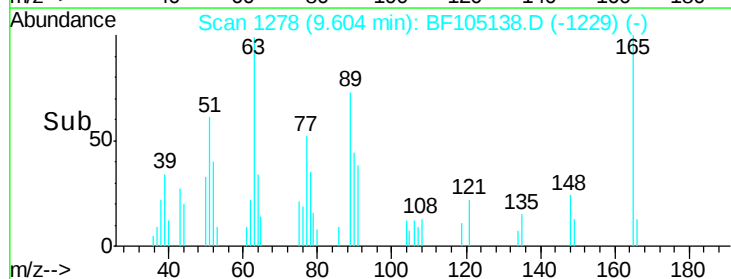
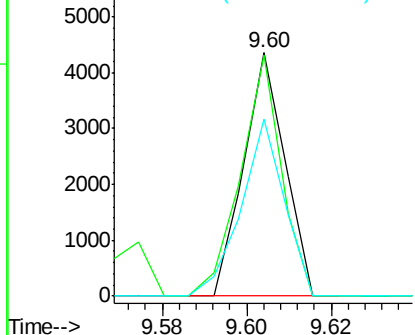


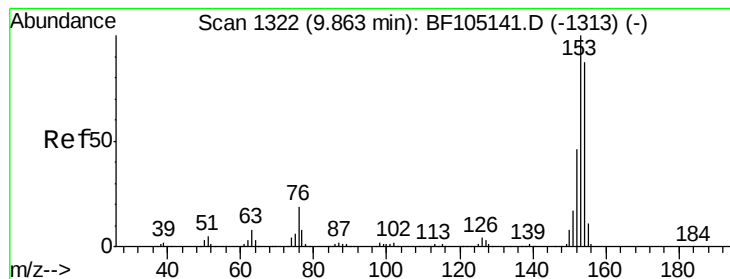
#50
2,6-Dinitrotoluene
Concen: 0.547 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

Tgt Ion:165 Resp: 2940
Ion Ratio Lower Upper
165 100
63 98.9 44.7 67.1#
89 72.7 44.0 66.0#



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





#51

Acenaphthene

Concen: 2.683 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

Instrument :

BNA_F

ClientSampleId :

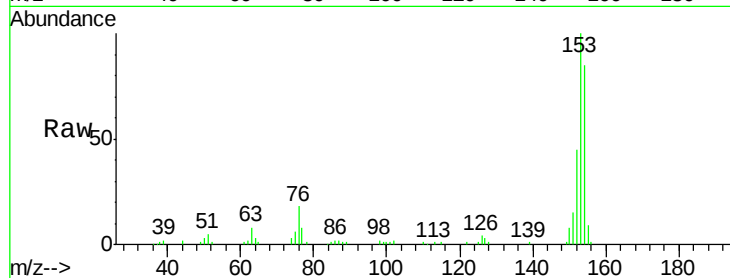
Tot Ion:154 Resp: 62804

Ion Ratio Lower Upper

154 100

153 117.1 91.2 136.8

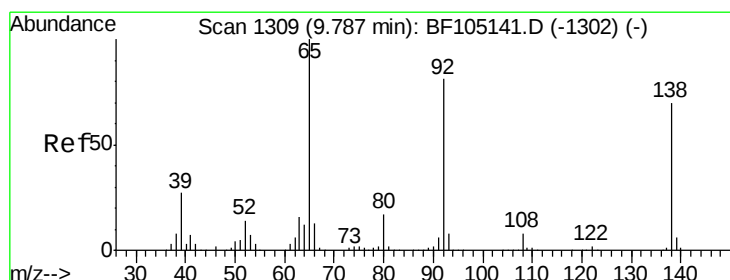
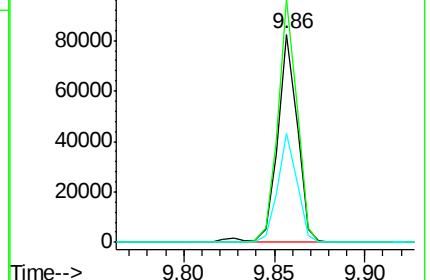
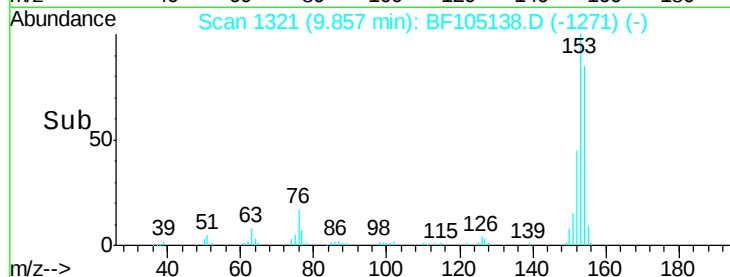
152 52.4 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 0.678 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

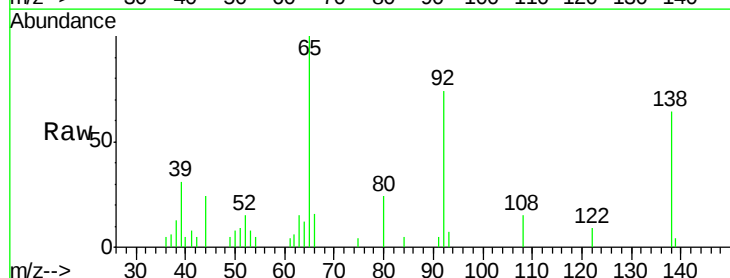
Tgt Ion:138 Resp: 4265

Ion Ratio Lower Upper

138 100

108 23.6 9.4 14.0#

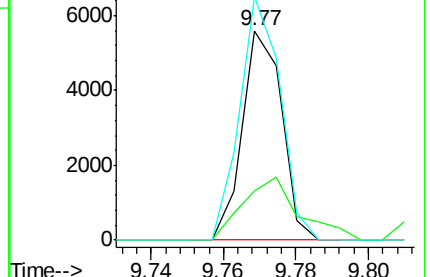
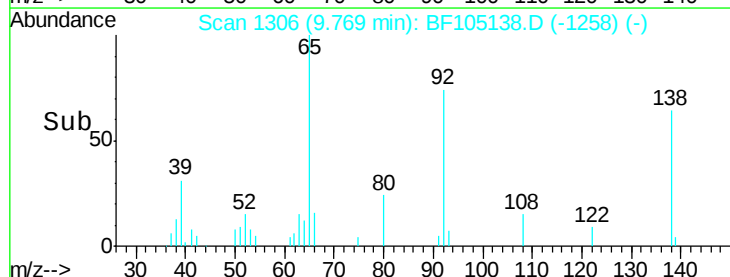
92 116.2 89.4 134.2

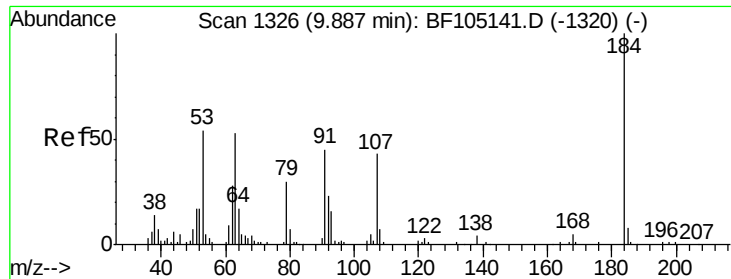


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

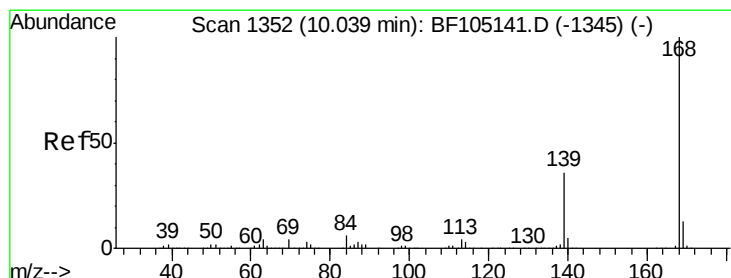
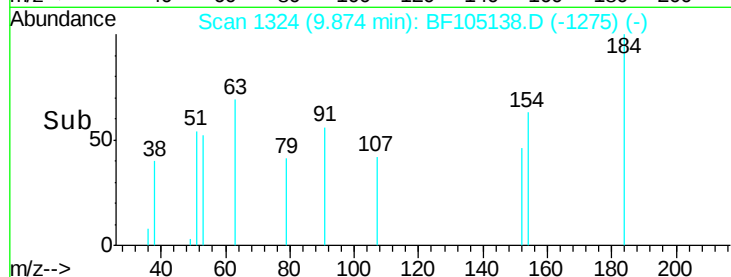
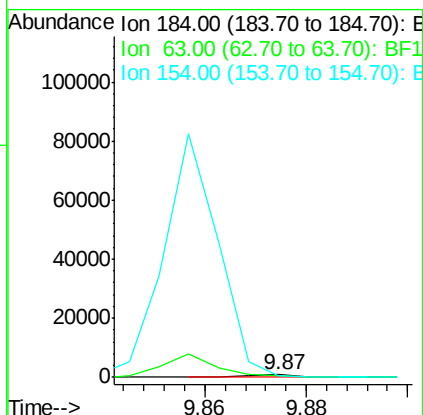
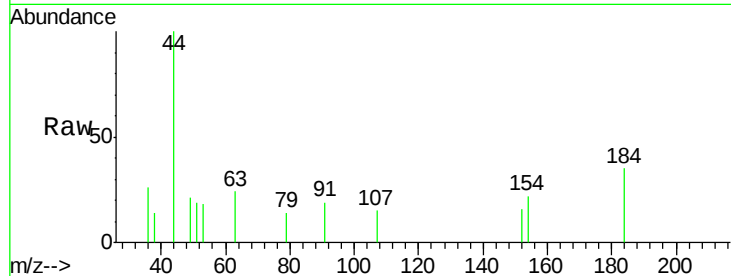




#53
2,4-Dinitrophenol
Concen: 0.270 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

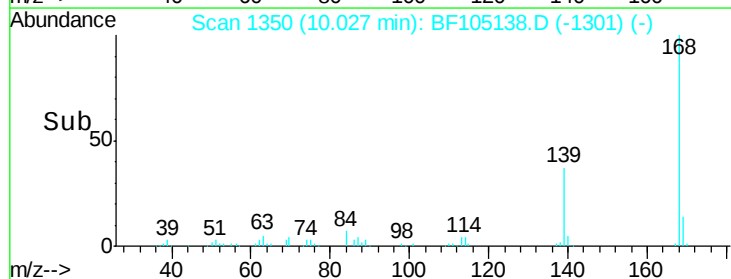
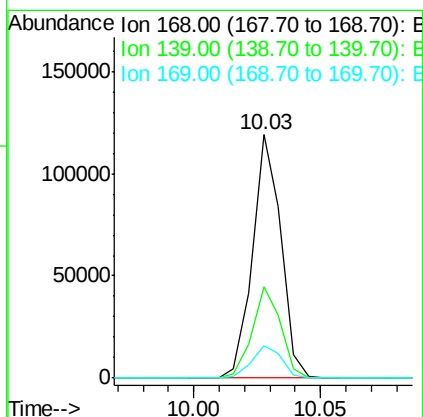
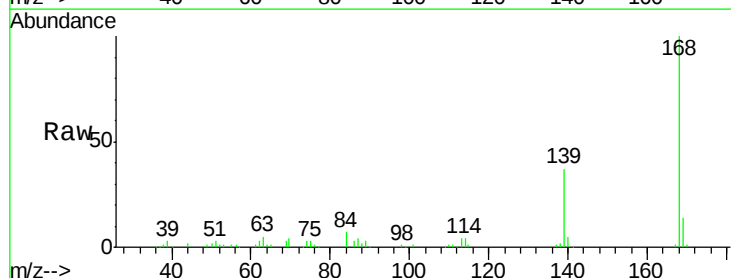
Instrument :
BNA_F
ClientSampled :

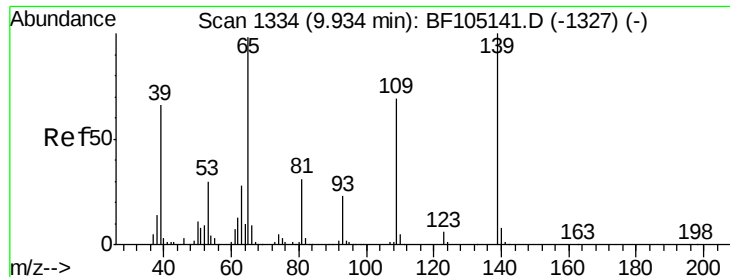
Tot Ion:184 Resp: 442
Ion Ratio Lower Upper
184 100
63 69.3 54.2 81.2
154 63.2 184.0 276.0#



#54
Dibenzofuran
Concen: 2.836 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

Tgt Ion:168 Resp: 92513
Ion Ratio Lower Upper
168 100
139 37.4 30.1 45.1
169 13.5 10.9 16.3

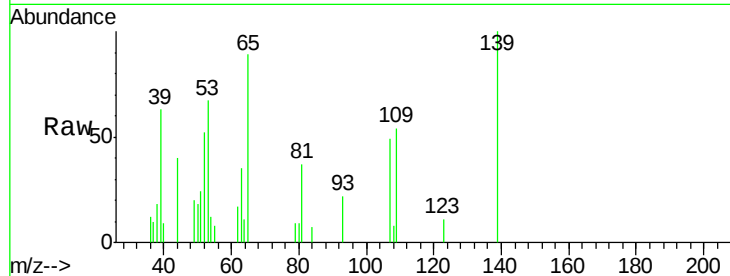




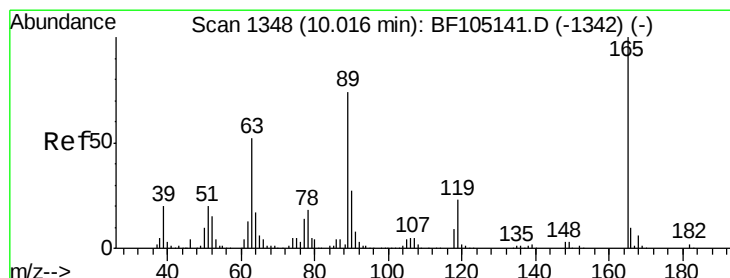
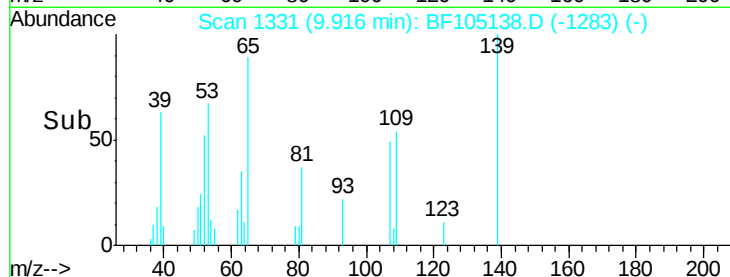
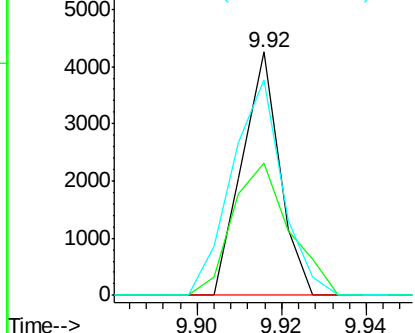
#55
4-Nitrophenol
Concen: 0.532 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 2632
Ion Ratio Lower Upper
139 100
109 54.4 48.4 88.4
65 88.7 72.6 112.6

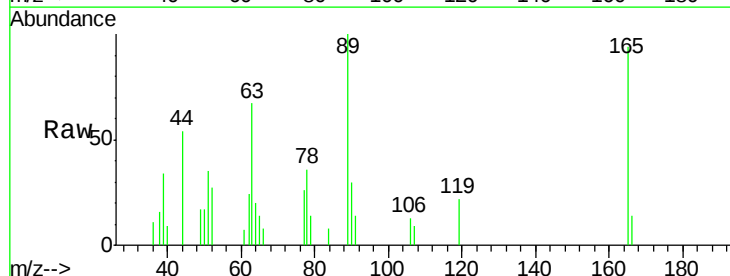


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

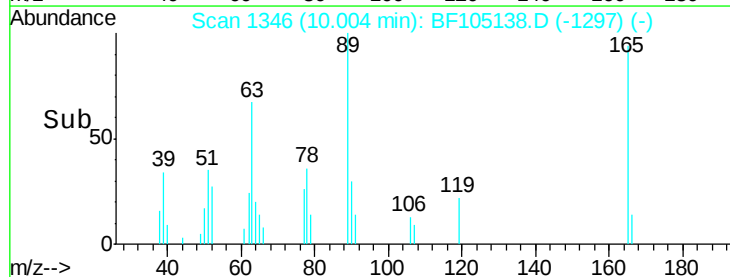
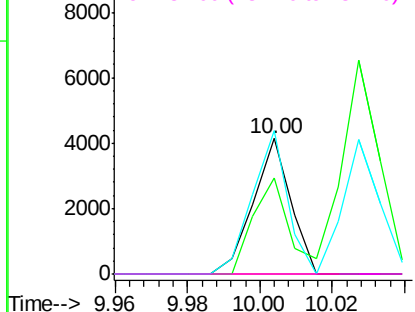


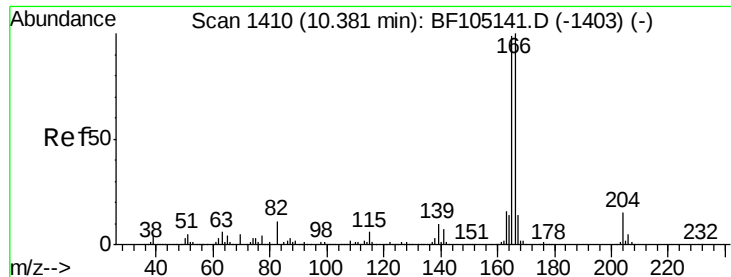
#56
2,4-Dinitrotoluene
Concen: 0.426 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

Tgt Ion:165 Resp: 3004
Ion Ratio Lower Upper
165 100
63 71.0 36.4 54.6#
89 106.1 57.8 86.6#
182 0.0 1.6 2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

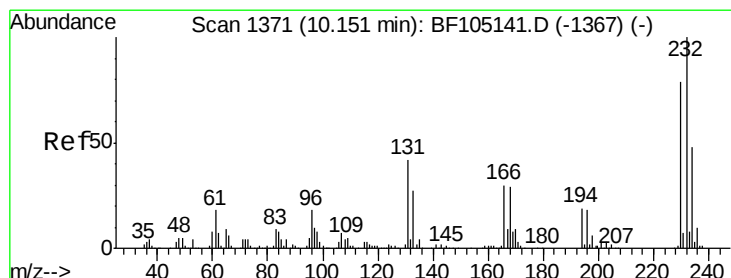
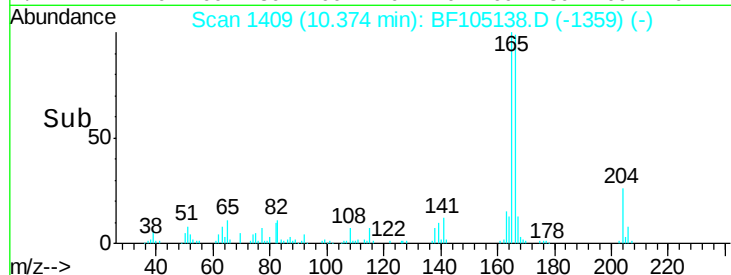
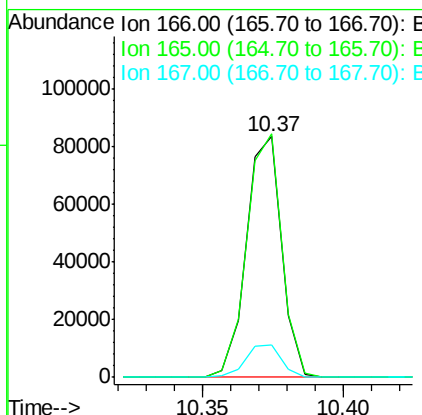
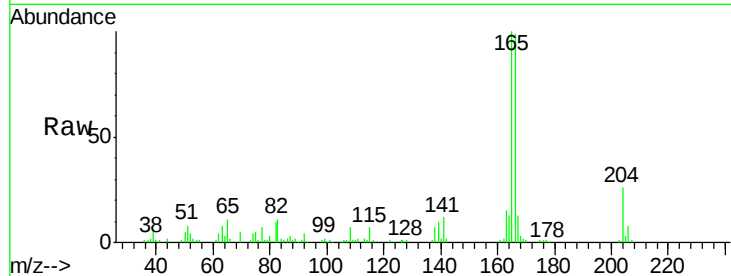




#57
 Fluorene
 Concen: 3.035 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF105138.D
 Acq: 8 May 2018 11:13

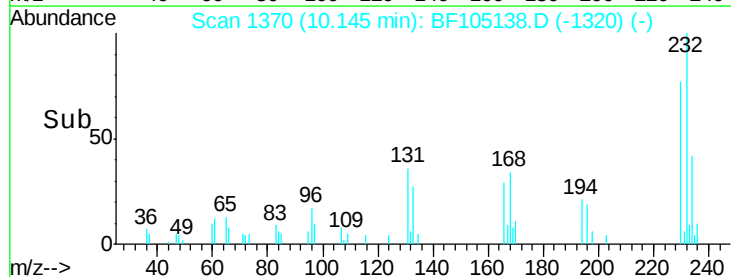
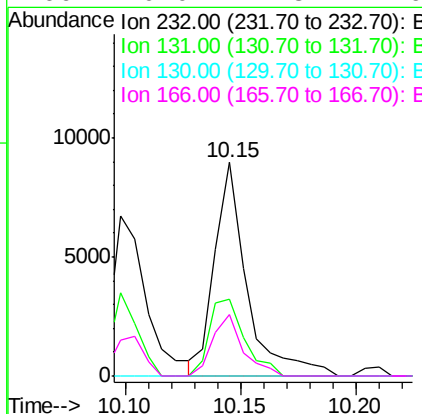
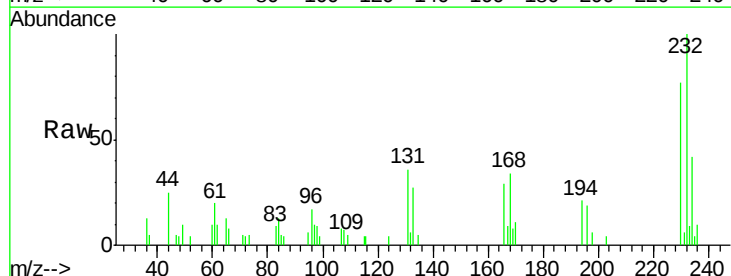
Instrument :
 BNA_F
 ClientSampleId :

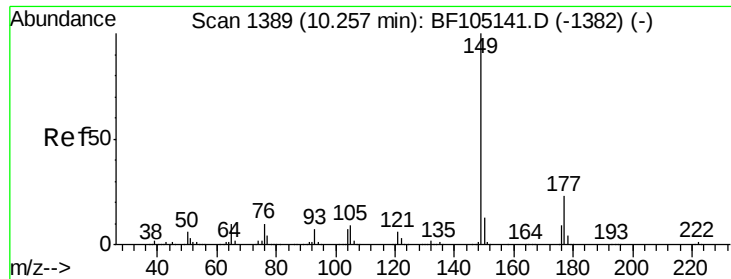
Tot Ion:166 Resp: 72052
 Ion Ratio Lower Upper
 166 100
 165 101.3 79.8 119.8
 167 13.6 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 1.435 ng
 RT: 10.15 min Scan# 1370
 Delta R.T. -0.01 min
 Lab File: BF105138.D
 Acq: 8 May 2018 11:13

Tgt Ion:232 Resp: 8773
 Ion Ratio Lower Upper
 232 100
 131 38.8 43.8 65.8#
 130 0.0 2.1 3.1#
 166 0.0 27.8 41.6#

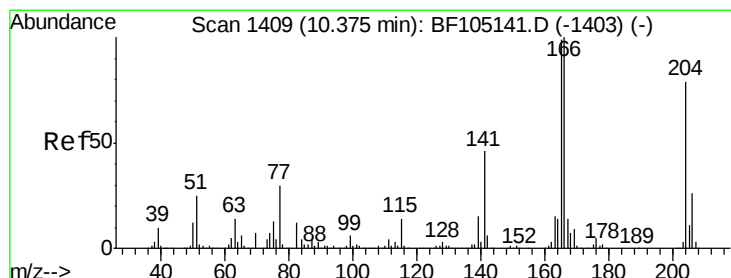
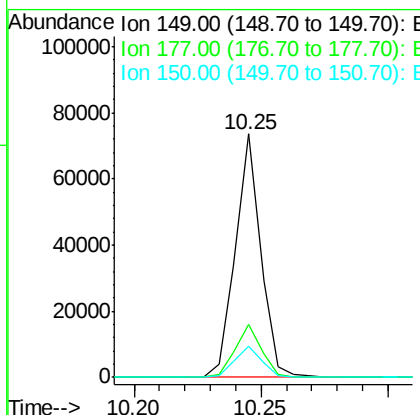
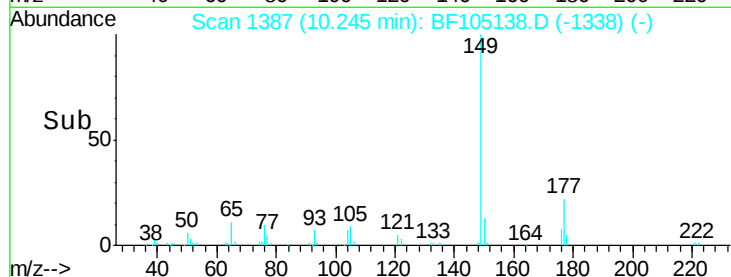
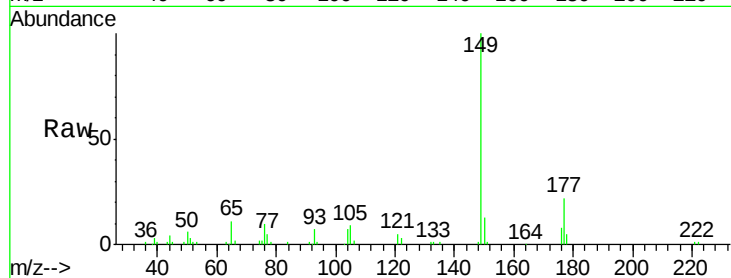




#59
Diethylphthalate
Concen: 1.767 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

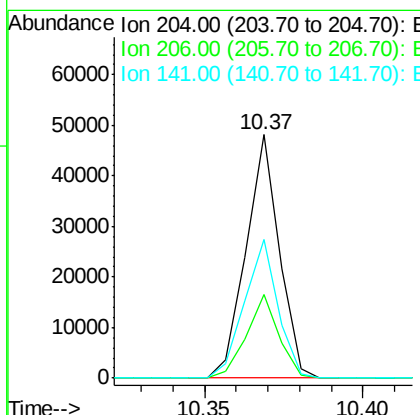
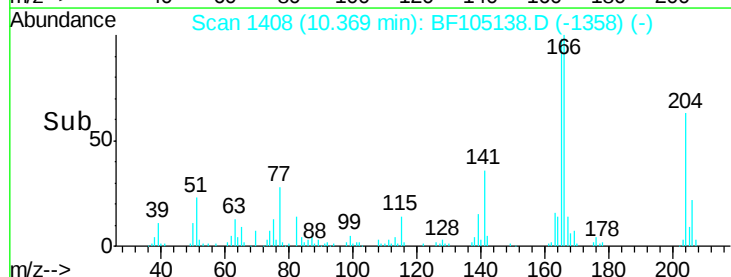
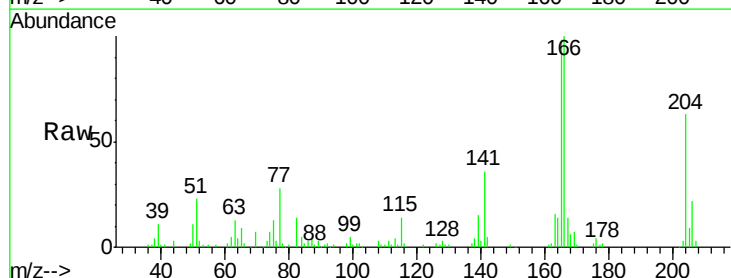
Instrument :
BNA_F
ClientSampleId :

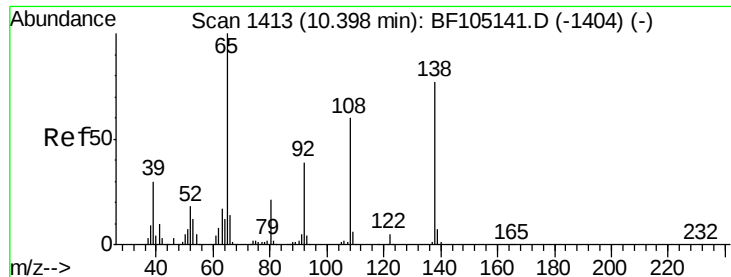
Tot Ion:149 Resp: 51127
Ion Ratio Lower Upper
149 100
177 21.5 16.1 24.1
150 12.8 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 3.310 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

Tgt Ion:204 Resp: 34998
Ion Ratio Lower Upper
204 100
206 34.3 26.5 39.7
141 57.2 54.6 81.8

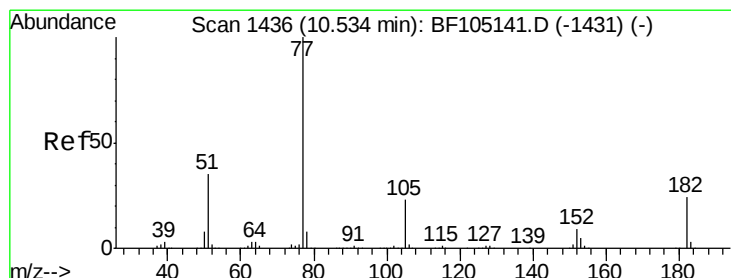
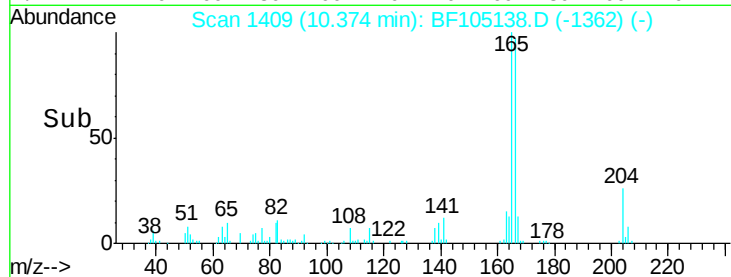
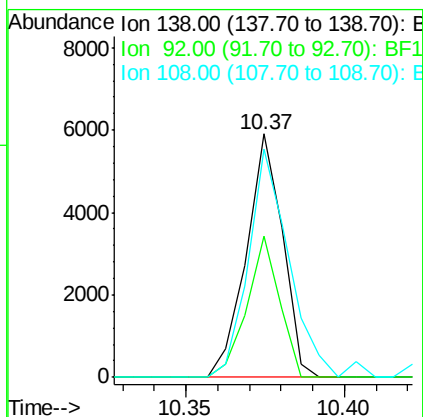
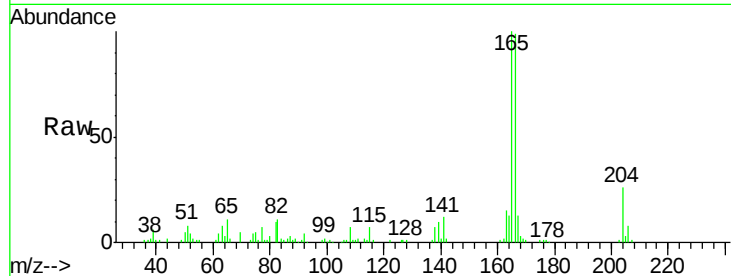




#61
4-Nitroaniline
Concen: 0.759 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.02 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

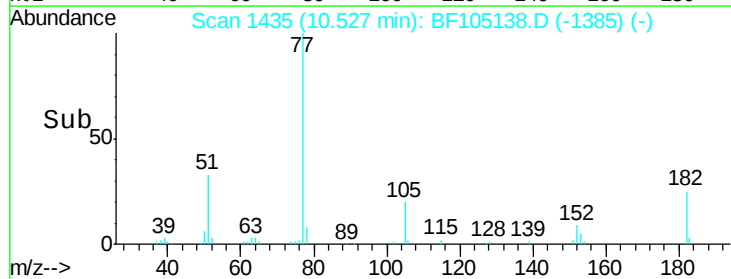
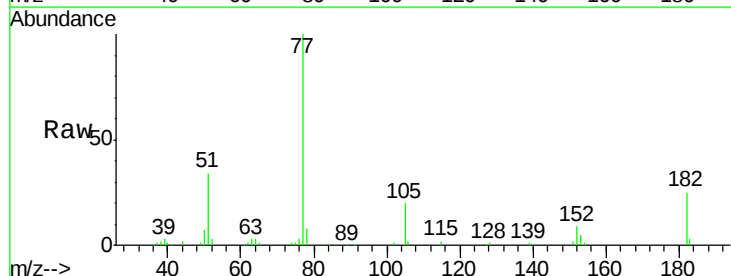
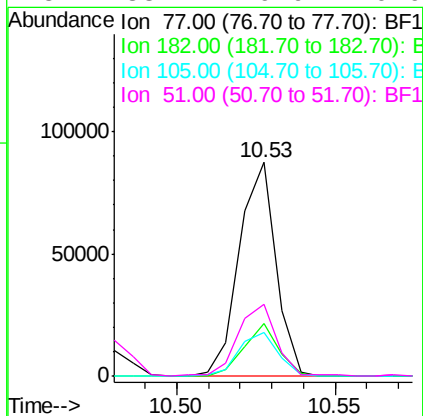
Instrument :
BNA_F
ClientSampleId :

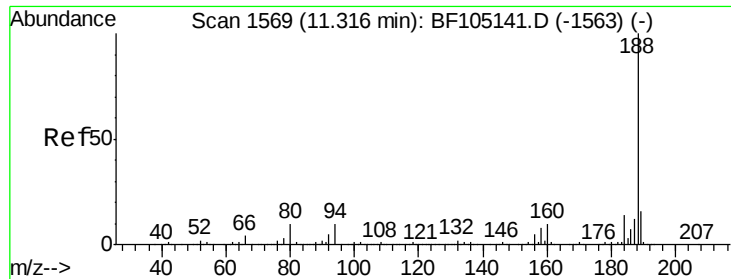
Tot Ion:138 Resp: 4674
Ion Ratio Lower Upper
138 100
92 57.9 30.2 70.2
108 93.6 52.5 92.5#



#62
Azobenzene
Concen: 2.531 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

Tgt Ion: 77 Resp: 69977
Ion Ratio Lower Upper
77 100
182 24.7 1.7 41.7
105 20.4 3.0 43.0
51 33.7 9.9 49.9

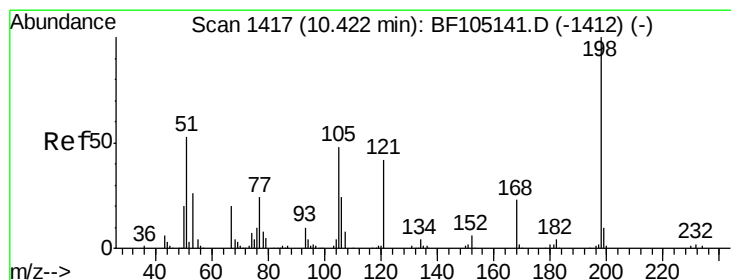
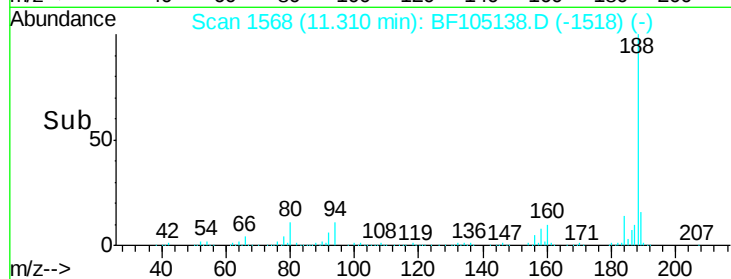
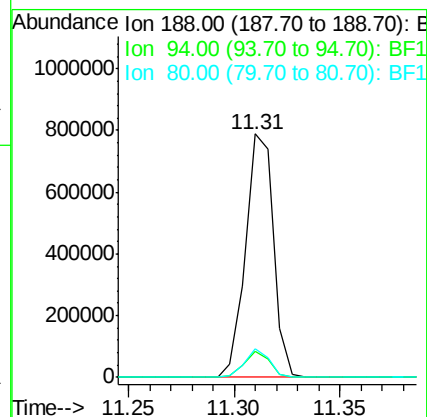
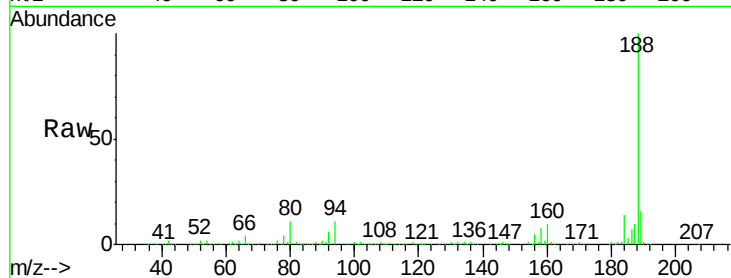




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

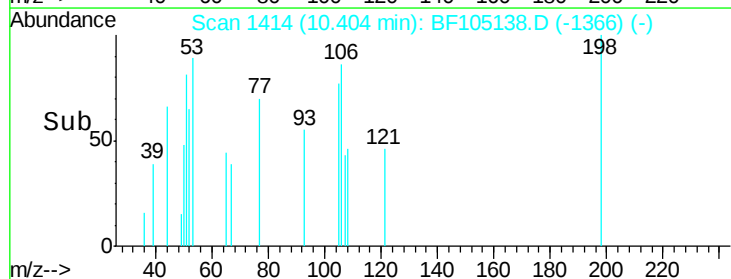
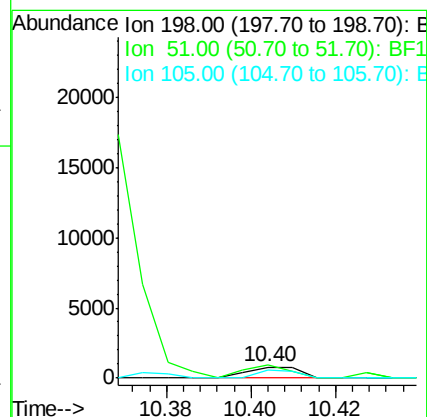
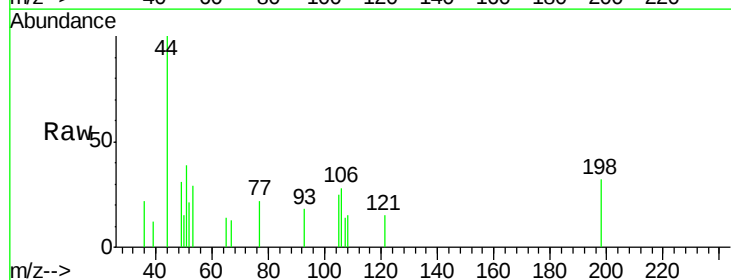
Instrument :
BNA_F
ClientSampled :

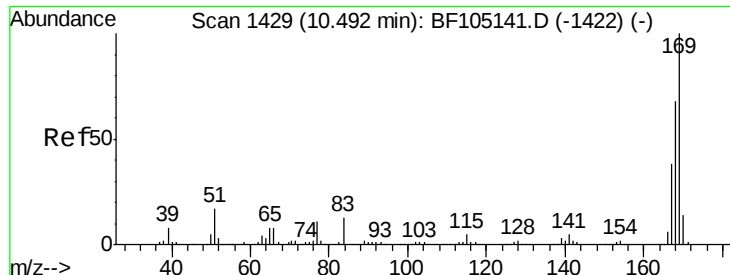
Tot Ion:188 Resp: 719618
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.5 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 0.215 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.02 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

Tgt Ion:198 Resp: 671
Ion Ratio Lower Upper
198 100
51 121.8 37.7 77.7#
105 77.5 36.3 76.3#

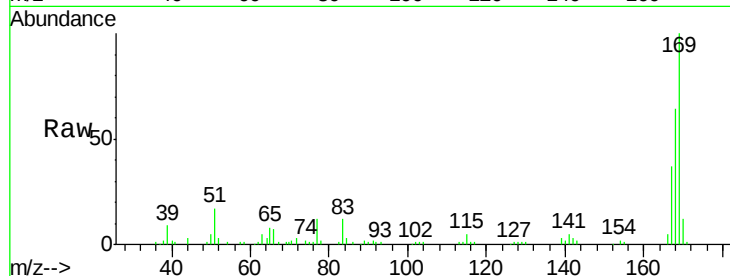




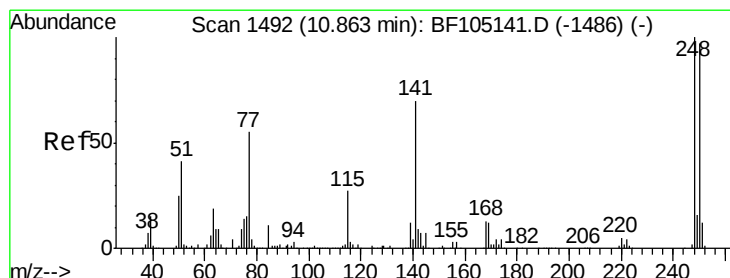
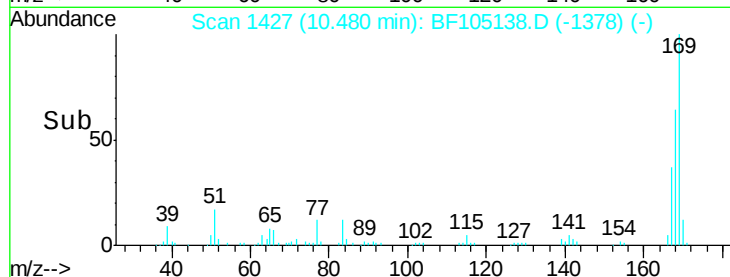
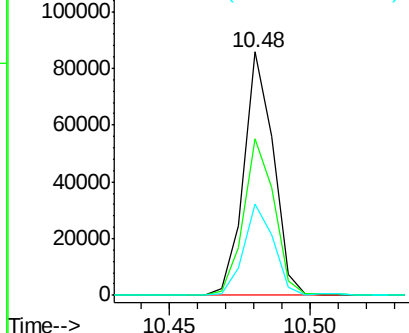
#65
 n-Nitrosodiphenylamine
 Concen: 2.502 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF105138.D
 Acq: 8 May 2018 11:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 62425
 Ion Ratio Lower Upper
 169 100
 168 64.1 54.4 81.6
 167 37.3 29.8 44.6

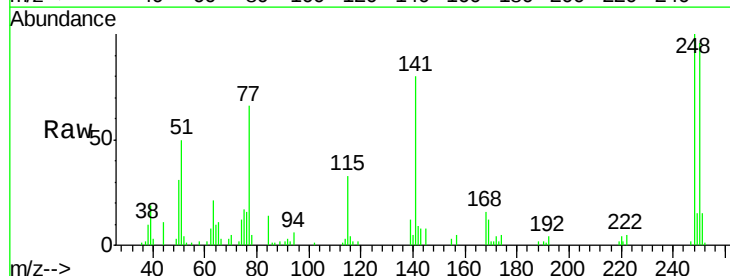


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

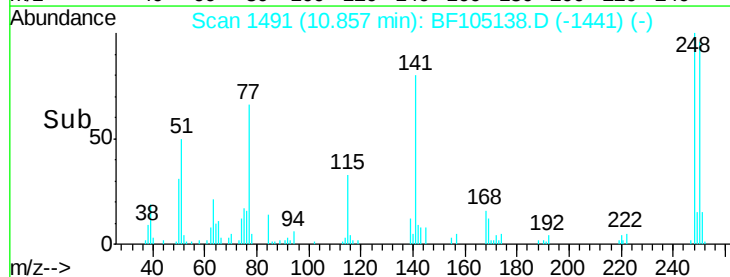
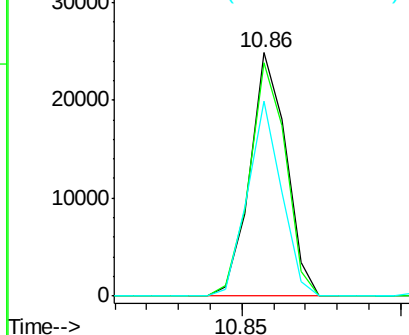


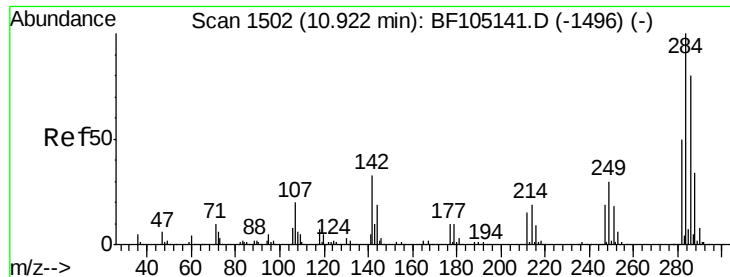
#66
 4-Bromophenyl-phenylether
 Concen: 2.562 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF105138.D
 Acq: 8 May 2018 11:13

Tgt Ion:248 Resp: 19612
 Ion Ratio Lower Upper
 248 100
 250 95.6 76.9 115.3
 141 80.0 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

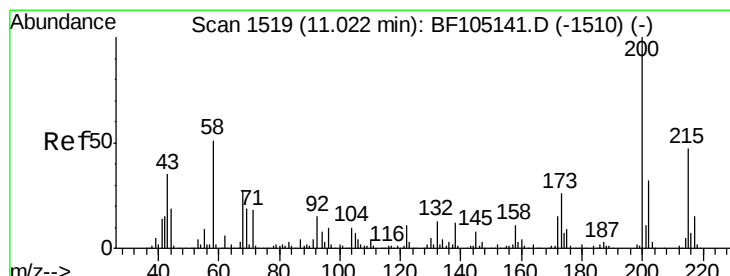
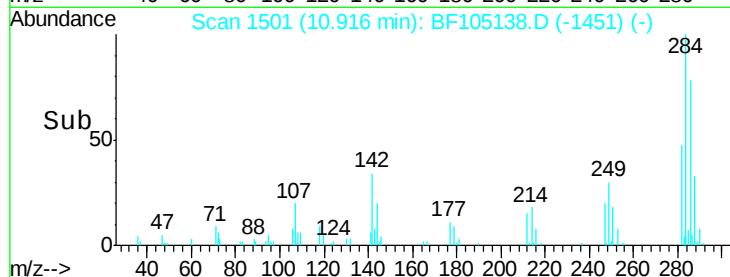
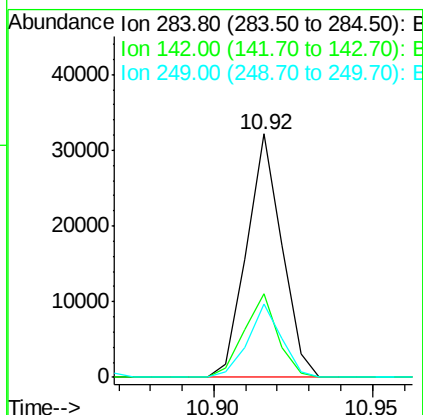
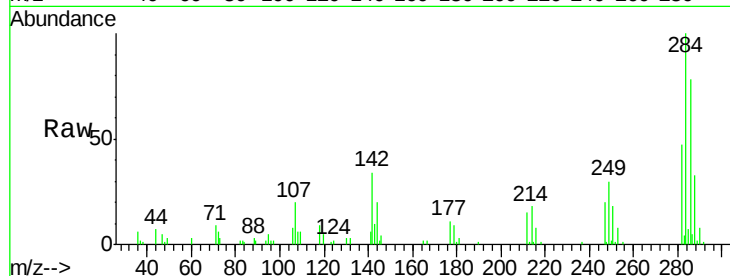




#67
Hexachlorobenzene
Concen: 2.876 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

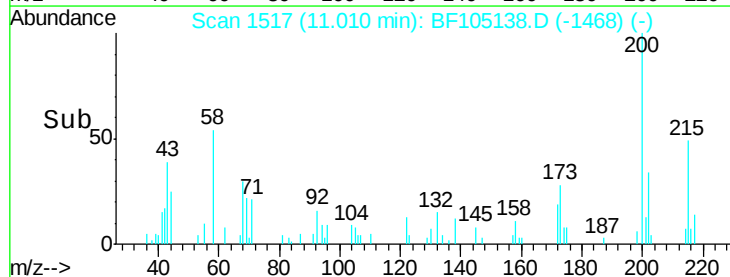
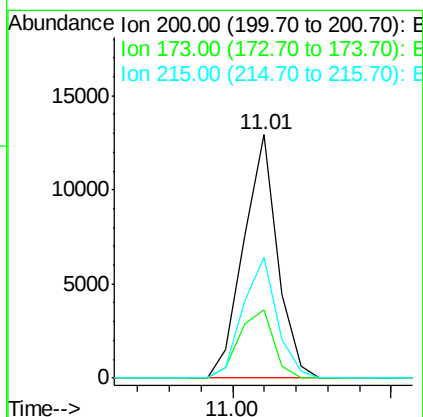
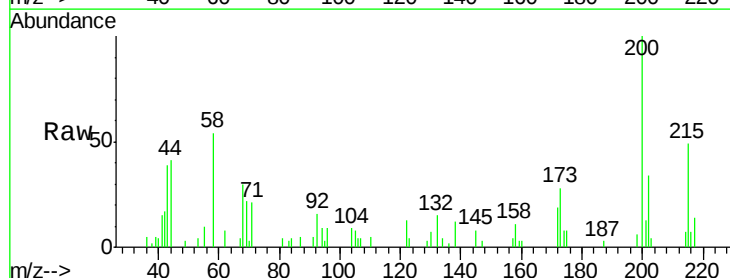
Instrument :
BNA_F
ClientSampleId :

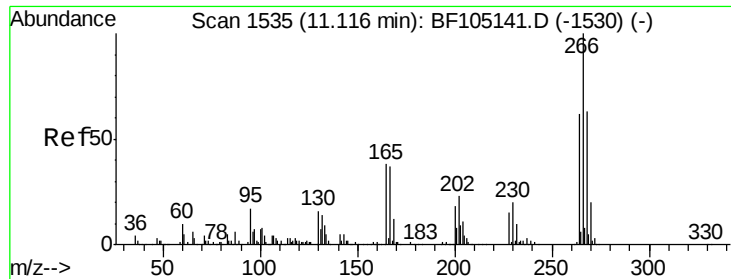
Tot Ion:284 Resp: 24770
Ion Ratio Lower Upper
284 100
142 34.4 34.6 52.0#
249 30.0 24.8 37.2



#68
Atrazine
Concen: 1.270 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

Tgt Ion:200 Resp: 9563
Ion Ratio Lower Upper
200 100
173 28.3 8.6 48.6
215 49.5 25.1 65.1

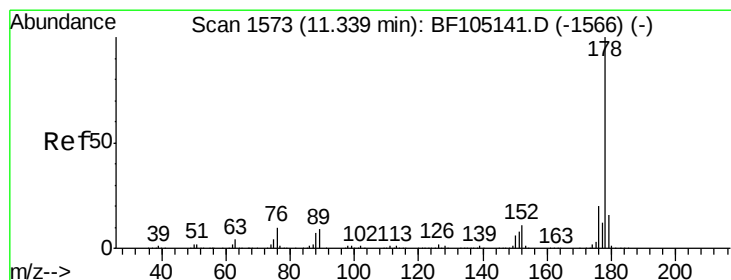
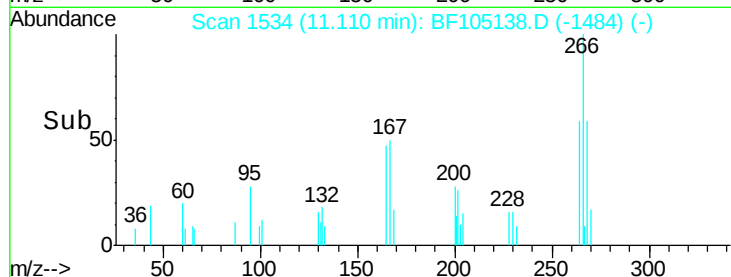
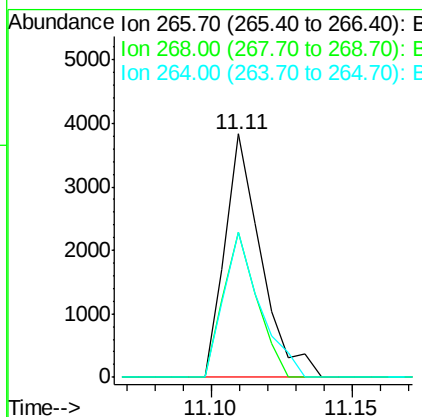
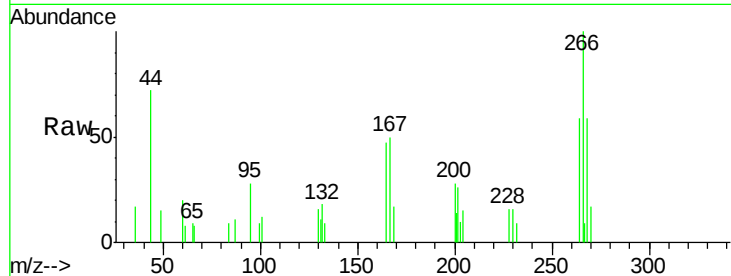




#69
 Pentachlorophenol
 Concen: 0.640 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: BF105138.D
 Acq: 8 May 2018 11:13

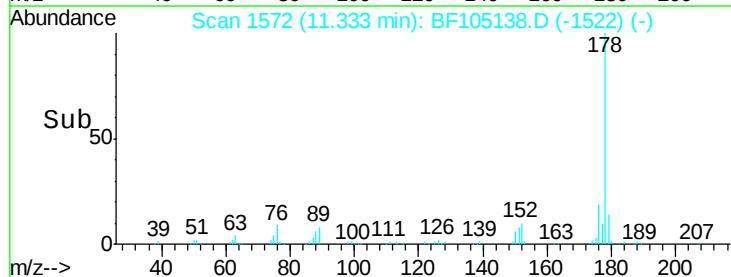
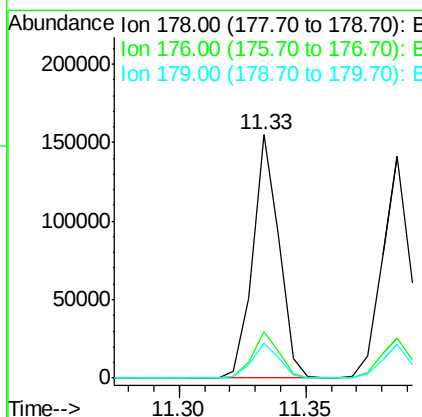
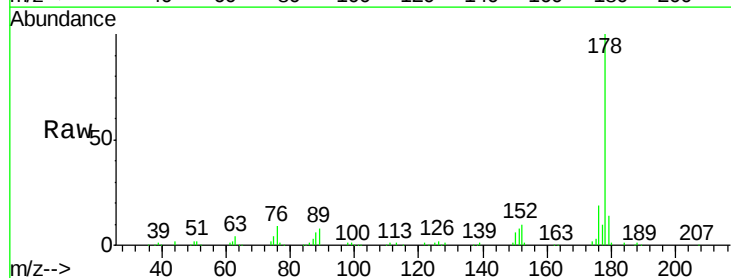
Instrument :
 BNA_F
 ClientSampled :

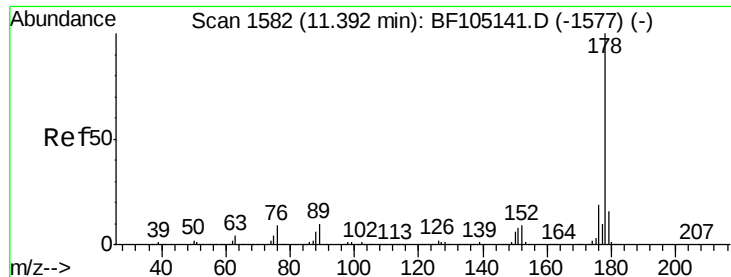
Tot Ion:266 Resp: 3411
 Ion Ratio Lower Upper
 266 100
 268 59.5 51.1 76.7
 264 59.5 49.5 74.3



#70
 Phenanthrene
 Concen: 2.786 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF105138.D
 Acq: 8 May 2018 11:13

Tgt Ion:178 Resp: 111659
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 14.5 13.0 19.6

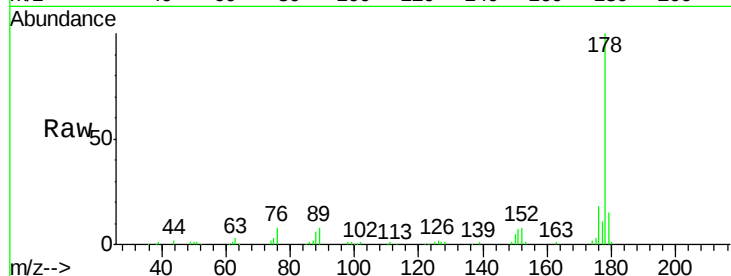




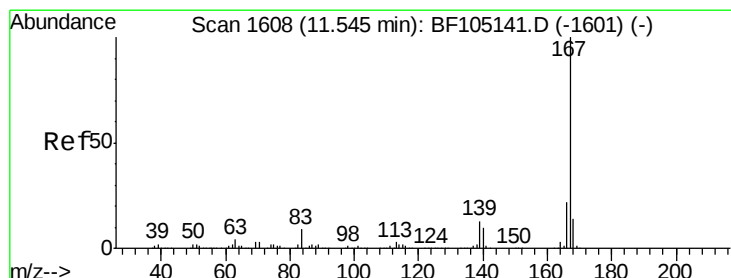
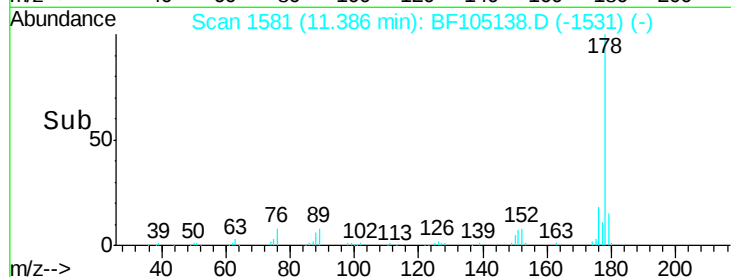
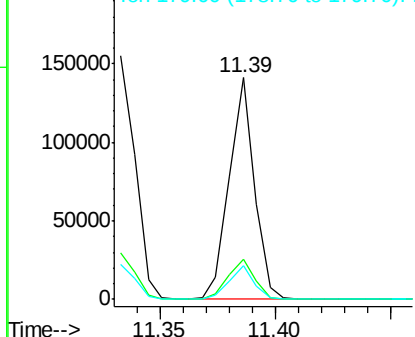
#71
 Anthracene
 Concen: 2.640 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF105138.D
 Acq: 8 May 2018 11:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 107548
 Ion Ratio Lower Upper
 178 100
 176 18.1 15.4 23.2
 179 15.2 12.6 19.0

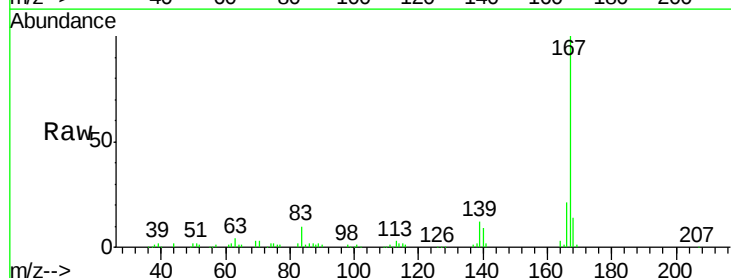


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

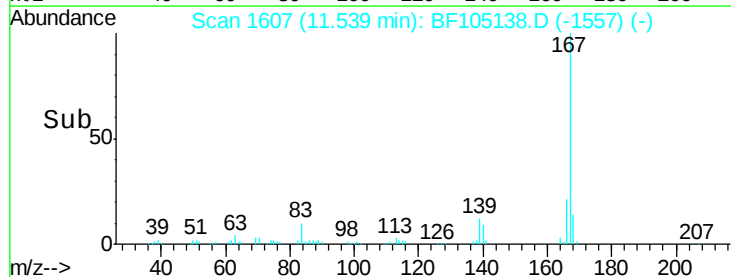
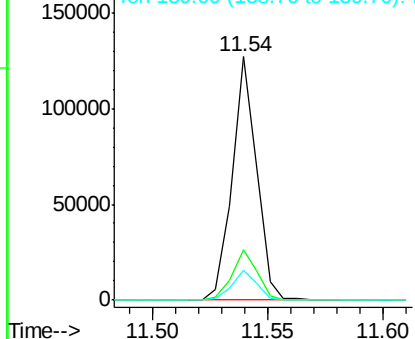


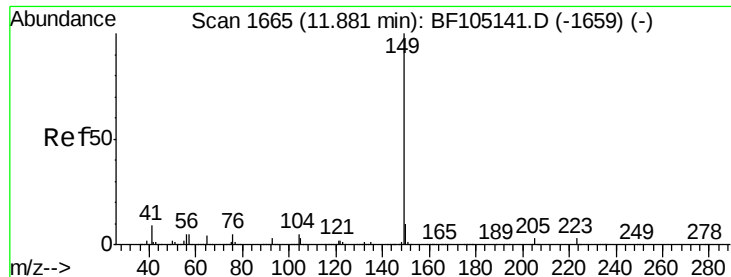
#72
 Carbazole
 Concen: 2.346 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF105138.D
 Acq: 8 May 2018 11:13

Tgt Ion:167 Resp: 93377
 Ion Ratio Lower Upper
 167 100
 166 20.6 17.6 26.4
 139 12.1 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.934 ng

RT: 11.88 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

Instrument :

BNA_F

ClientSampleId :

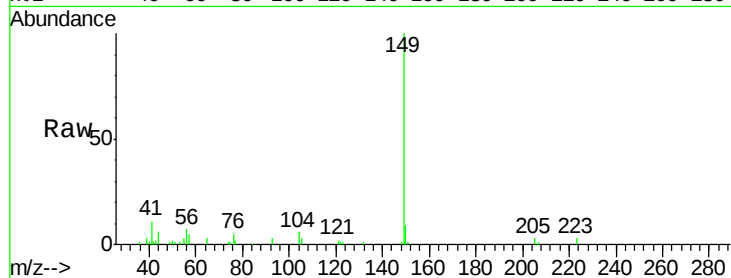
Tot Ion:149 Resp: 45428

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

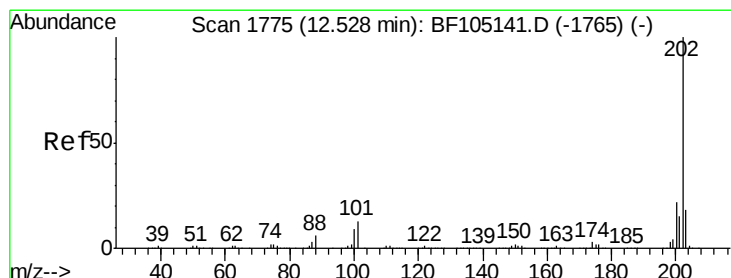
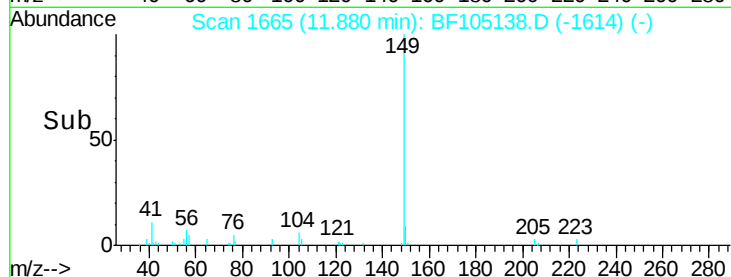
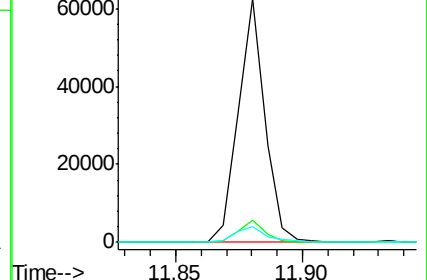
104 6.3 3.8 5.8#



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: 2.462 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

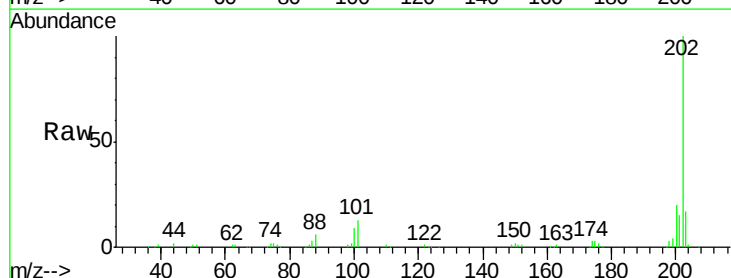
Tgt Ion:202 Resp: 103072

Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.1

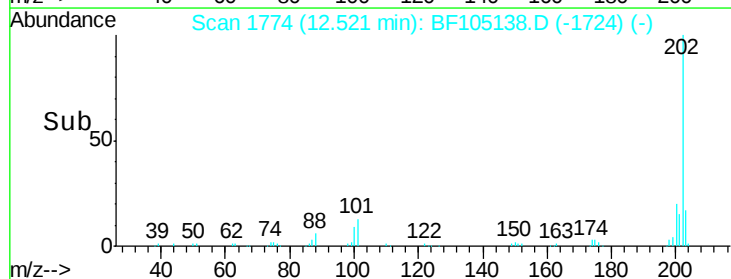
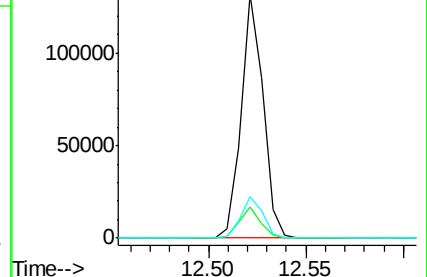
203 17.2 0.0 38.1

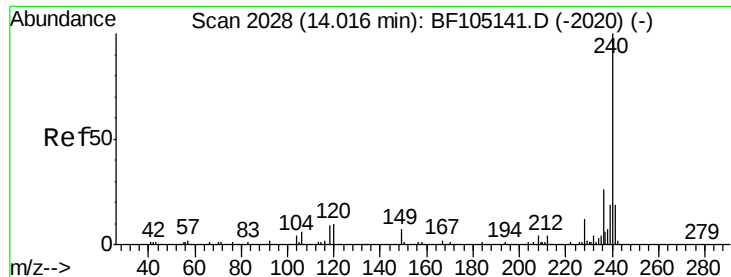


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

Instrument :

BNA_F

ClientSampleId :

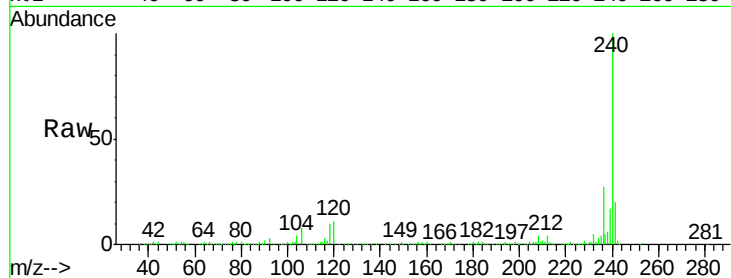
Tot Ion:240 Resp: 582850

Ion Ratio Lower Upper

240 100

120 10.6 9.5 14.3

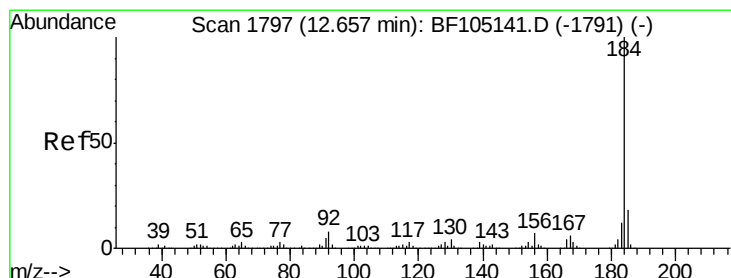
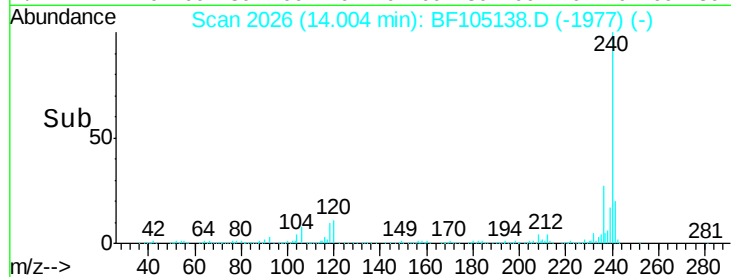
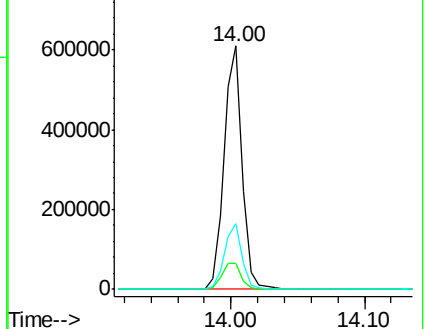
236 26.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 1.018 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

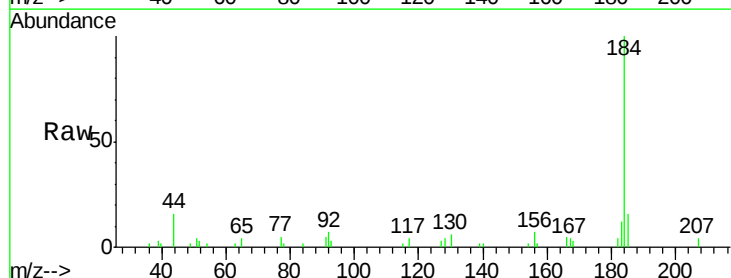
Tgt Ion:184 Resp: 20542

Ion Ratio Lower Upper

184 100

185 16.0 12.6 18.8

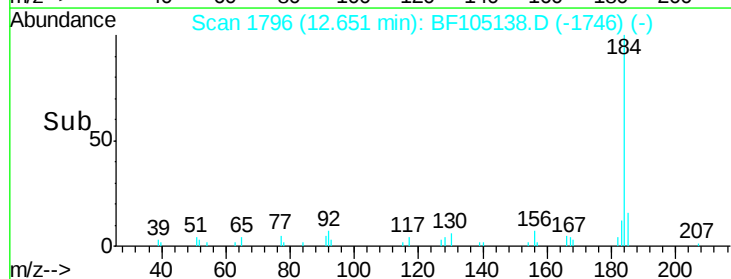
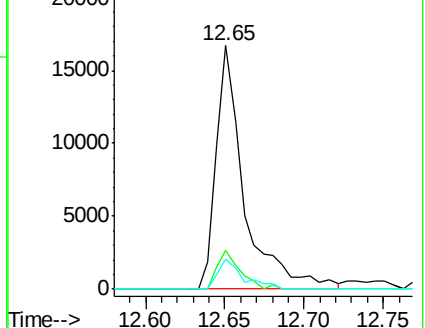
183 12.2 9.3 13.9

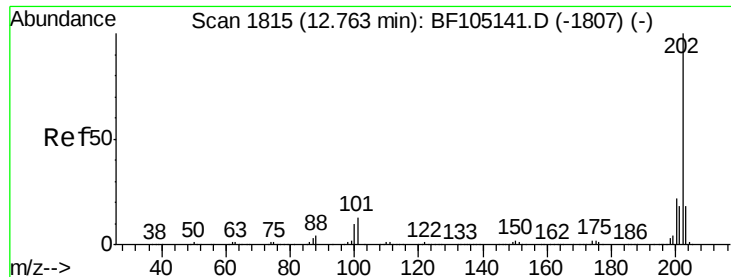


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

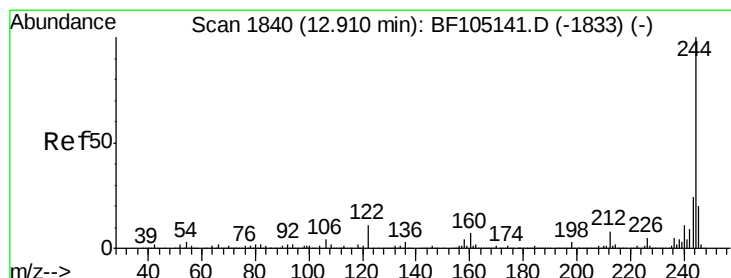
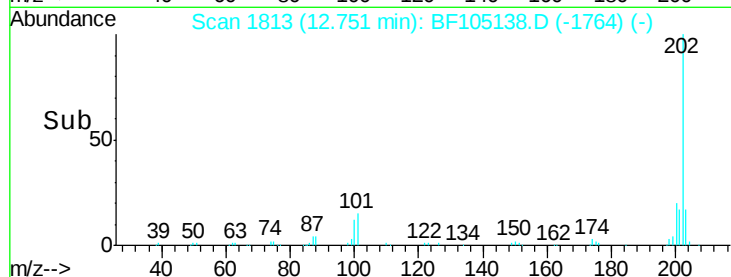
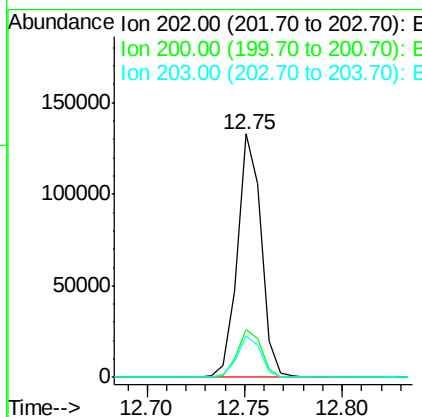
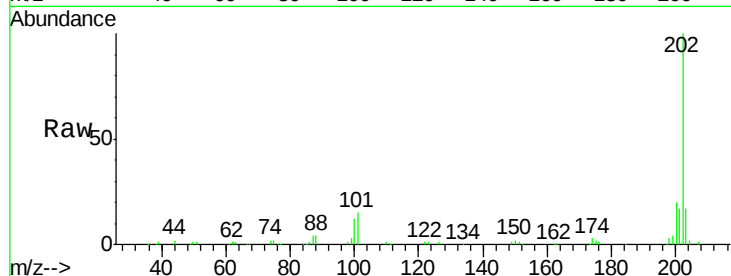




#77
Pvrene
Concen: 2.588 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

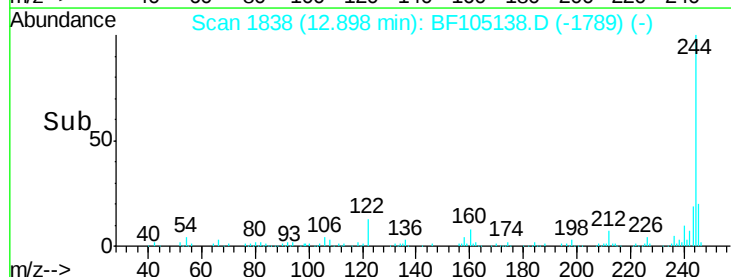
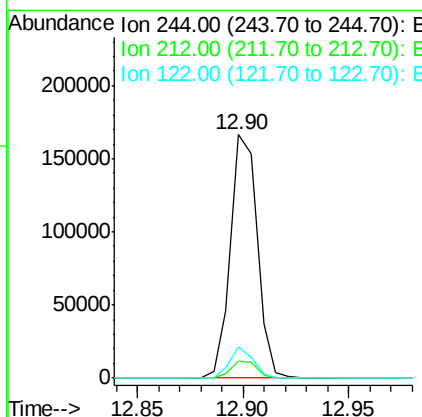
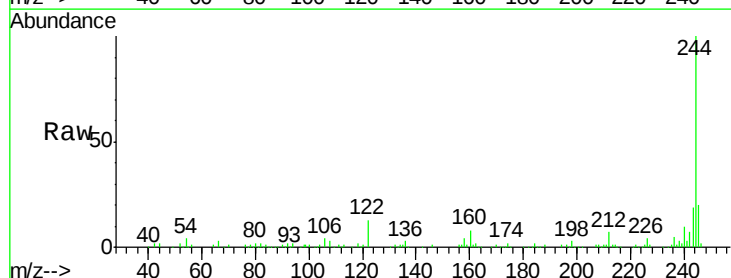
Instrument :
BNA_F
ClientSampleId :

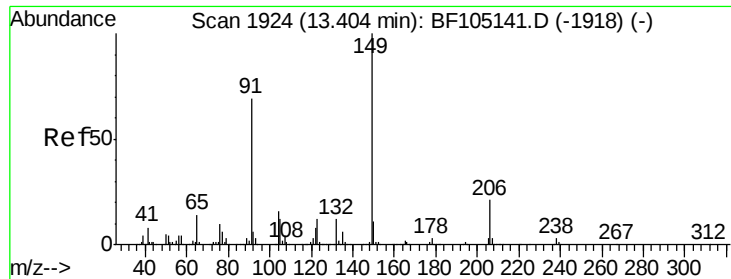
Tot Ion:202 Resp: 111812
Ion Ratio Lower Upper
202 100
200 19.9 17.4 26.2
203 17.0 14.3 21.5



#78
Terphenyl-d14
Concen: 5.709 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

Tgt Ion:244 Resp: 145947
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 12.7 11.0 16.4





#79

Butylbenzylphthalate

Concen: 0.224 ng

RT: 13.40 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

Instrument :

BNA_F

ClientSampleId :

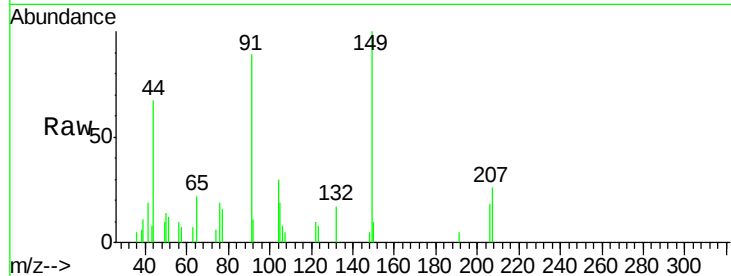
Tot Ion:149 Resp: 4565

Ion Ratio Lower Upper

149 100

91 89.4 56.8 85.2#

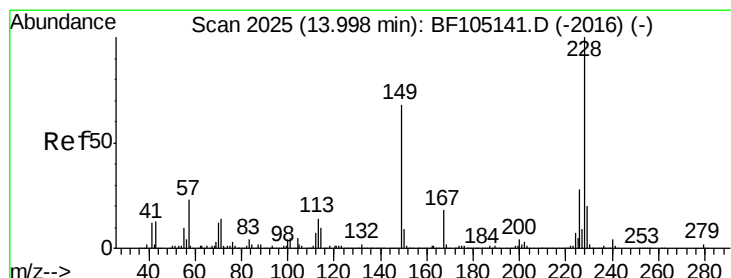
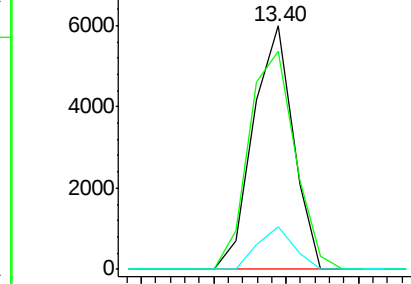
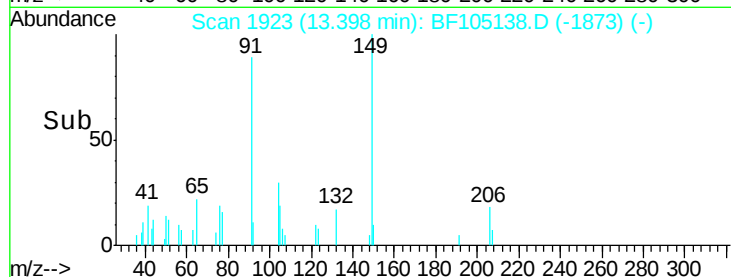
206 17.7 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 2.522 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

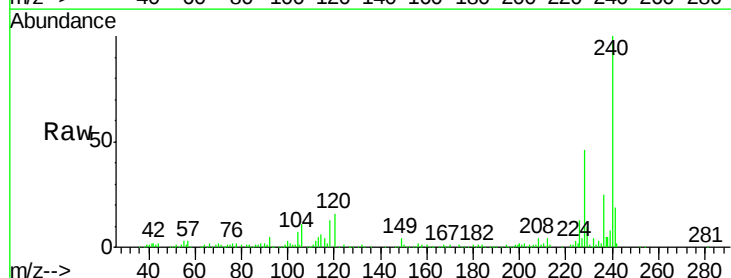
Tgt Ion:228 Resp: 87823

Ion Ratio Lower Upper

228 100

226 29.1 22.6 33.8

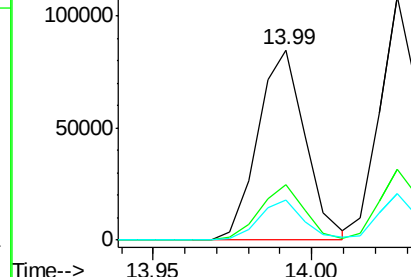
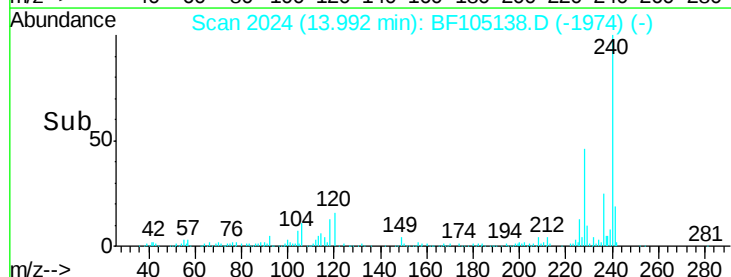
229 20.8 15.8 23.6

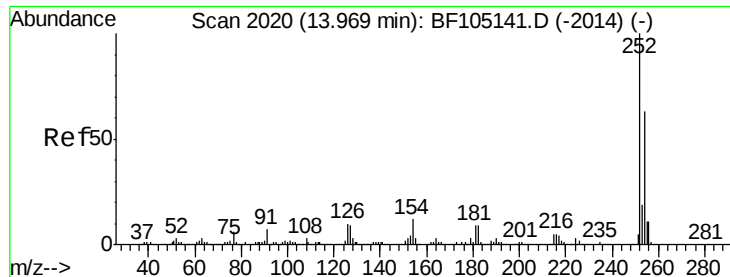


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 1.024 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

Instrument :

BNA_F

ClientSampleId :

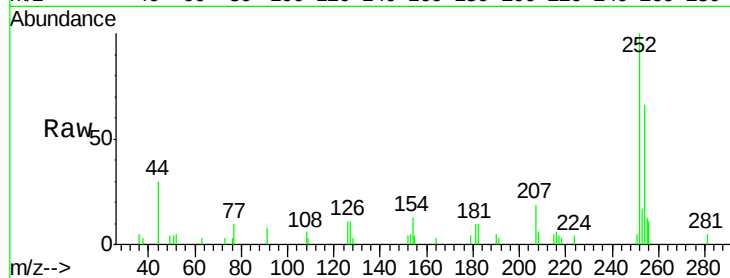
Tot Ion:252 Resp: 13299

Ion Ratio Lower Upper

252 100

254 65.8 50.4 75.6

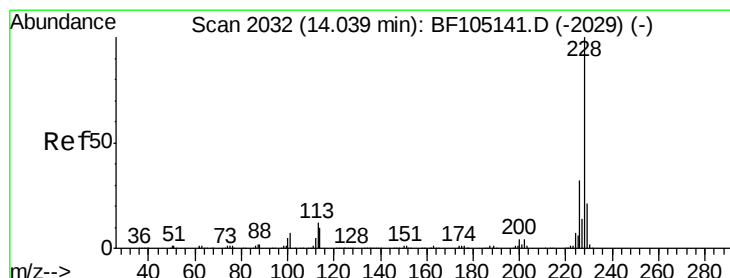
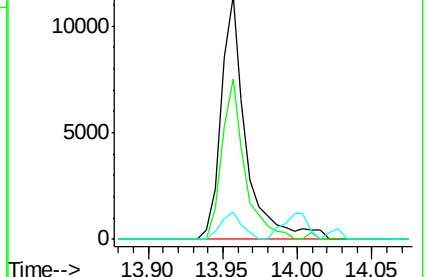
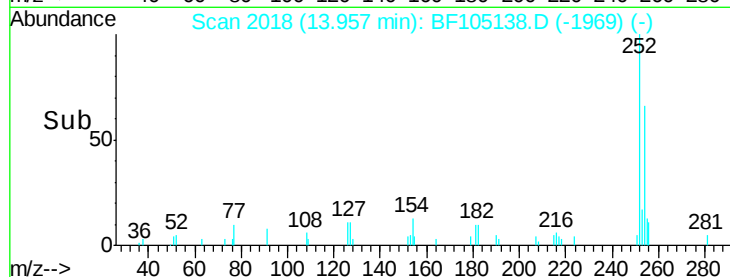
126 11.3 11.3 16.9



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: 2.694 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

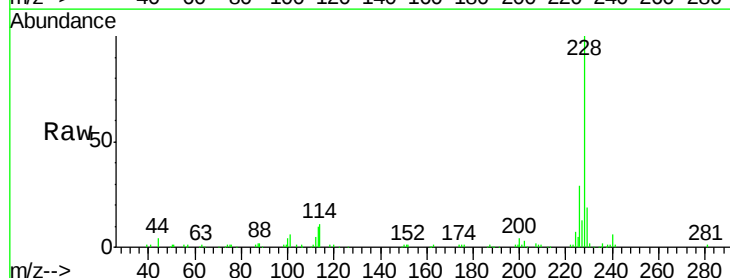
Tgt Ion:228 Resp: 96358

Ion Ratio Lower Upper

228 100

226 29.2 25.0 37.6

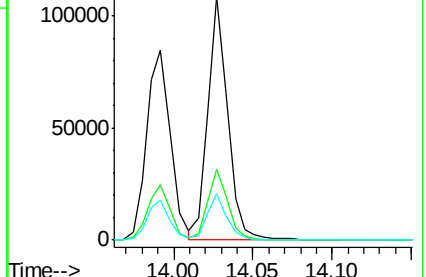
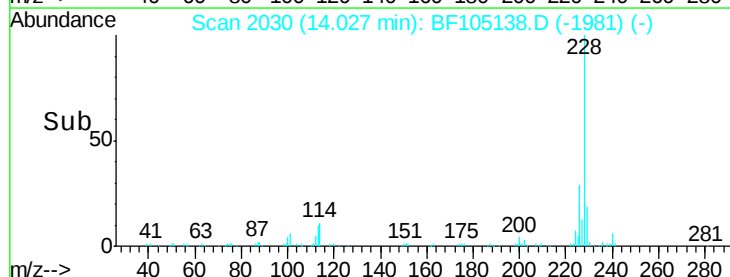
229 18.9 16.2 24.4

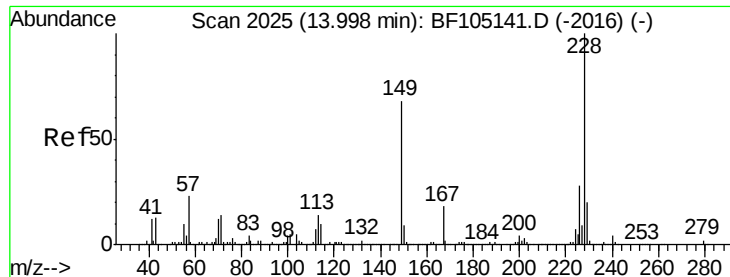


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

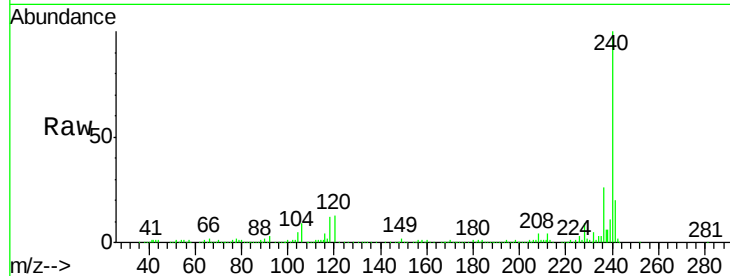




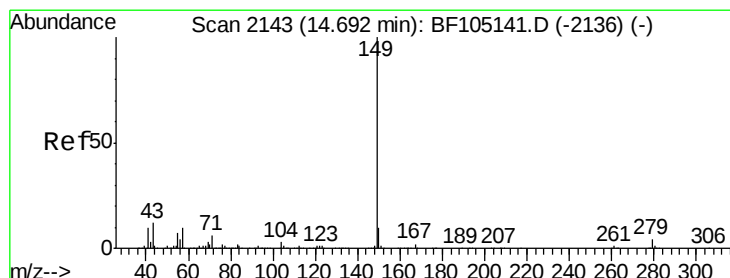
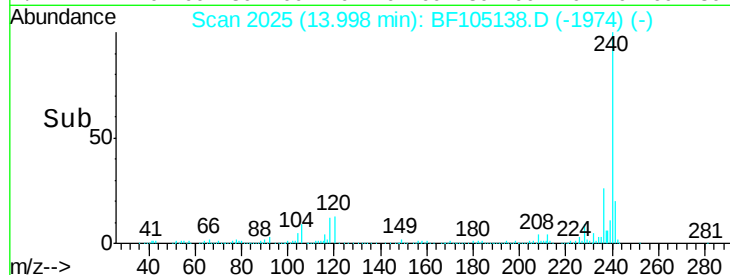
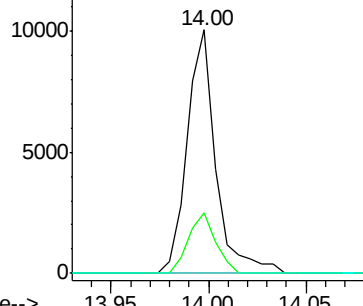
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.389 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BF105138.D
 Acq: 8 May 2018 11:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.1	21.3	31.9
279	0.0	3.0	4.4#

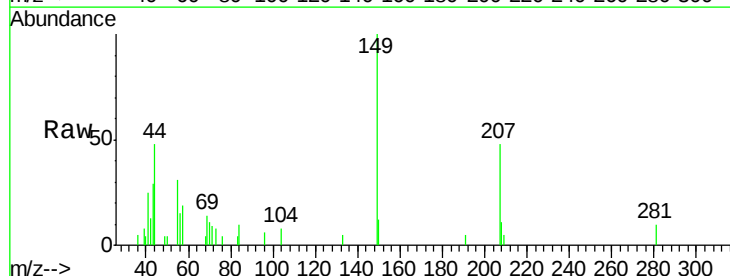


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

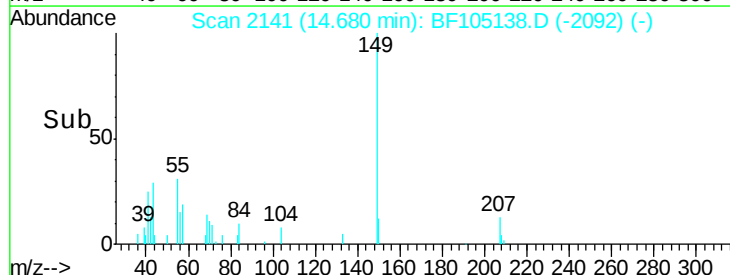
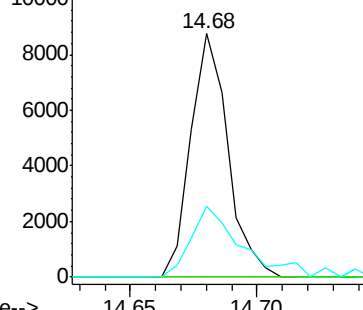


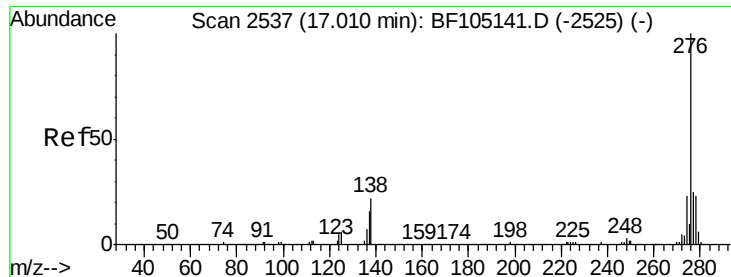
#84
 Di-n-octyl phthalate
 Concen: 0.204 ng
 RT: 14.68 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BF105138.D
 Acq: 8 May 2018 11:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	41.3	8.4	12.6#



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

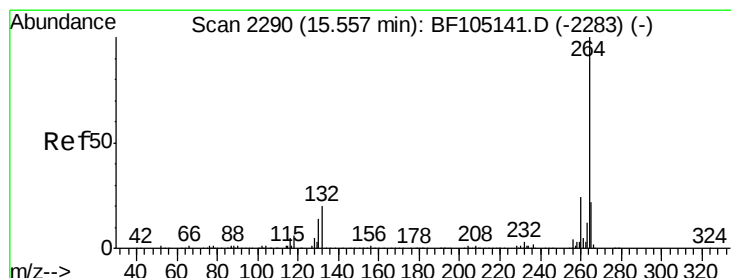
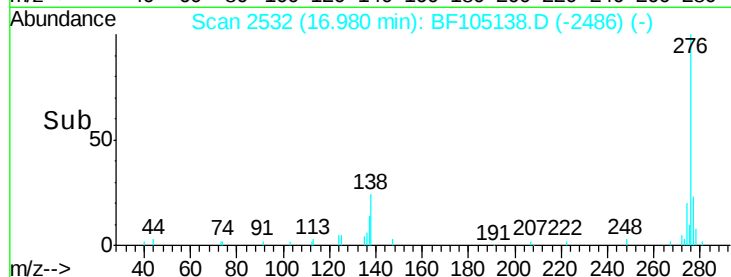
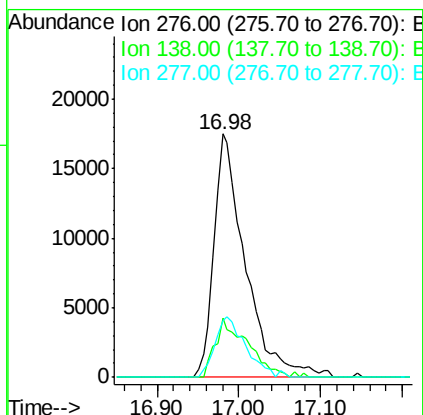
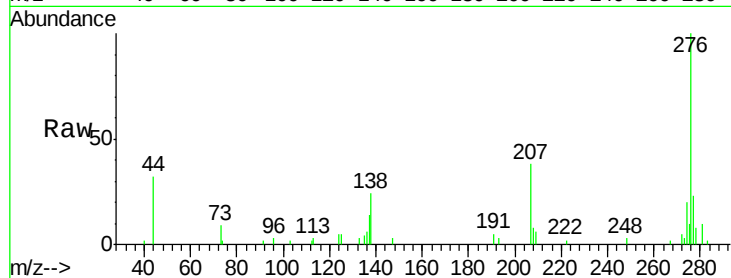




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 1.545 ng
 RT: 16.98 min Scan# 2532
 Delta R.T. -0.03 min
 Lab File: BF105138.D
 Acq: 8 May 2018 11:13

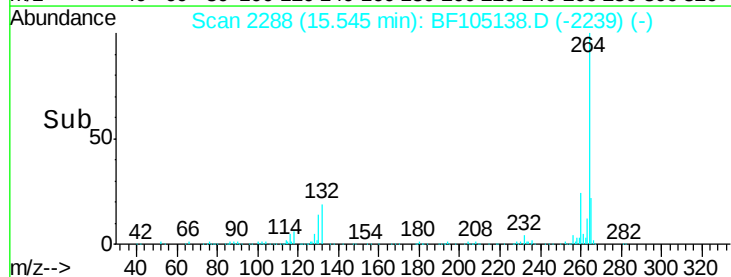
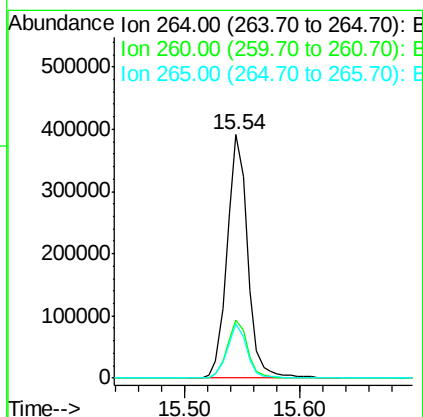
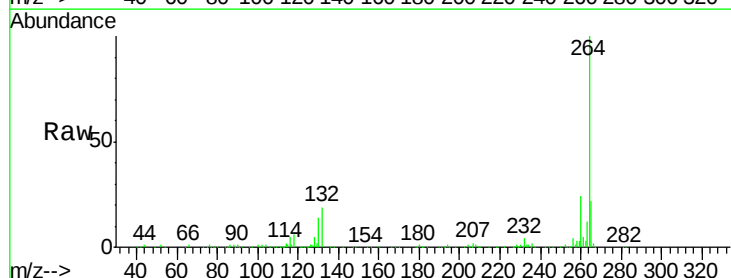
Instrument :
 BNA_F
 ClientSampleId :

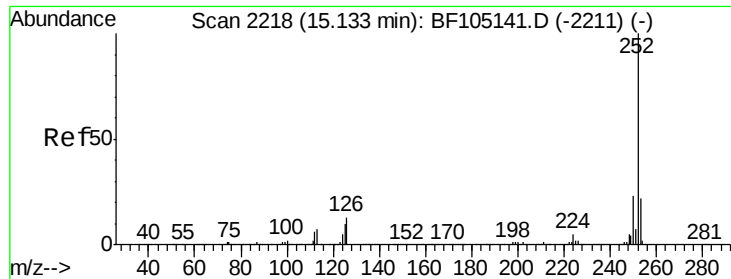
Tot Ion:276 Resp: 46930
 Ion Ratio Lower Upper
 276 100
 138 24.9 25.0 37.6#
 277 23.9 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. -0.01 min
 Lab File: BF105138.D
 Acq: 8 May 2018 11:13

Tgt Ion:264 Resp: 481418
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 22.2 17.5 26.3

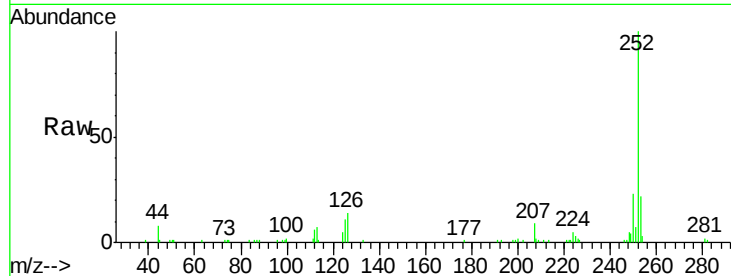




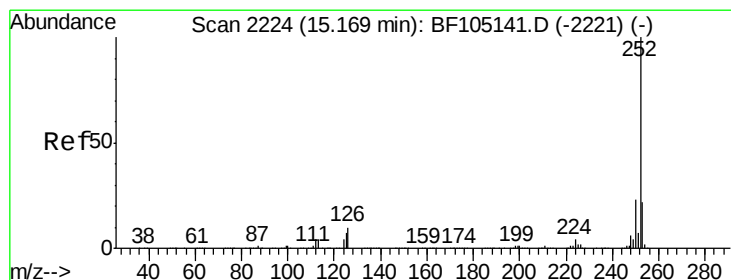
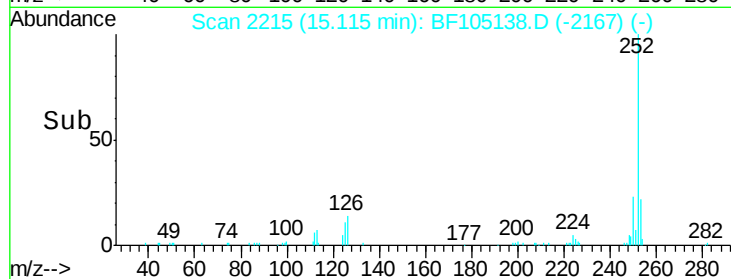
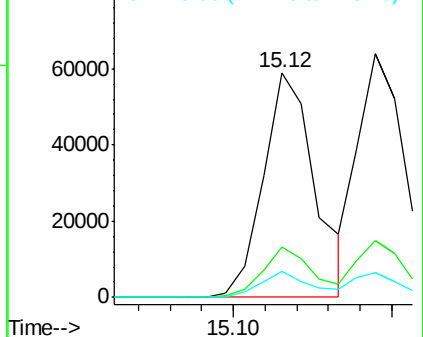
#87
Benzo(b)fluoranthene
Concen: 2.191 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 66604
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 11.4 9.0 13.6

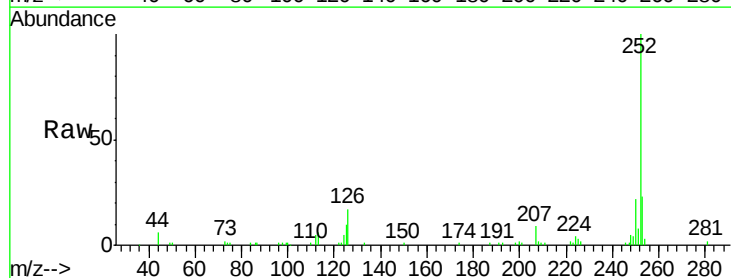


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

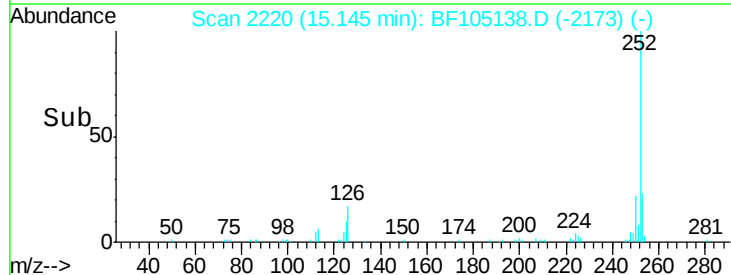
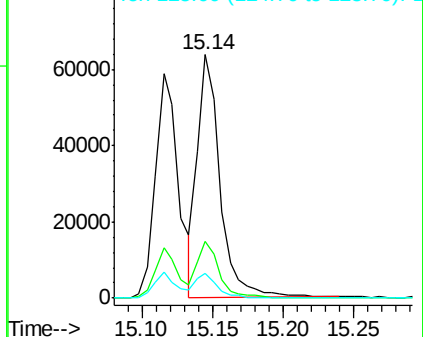


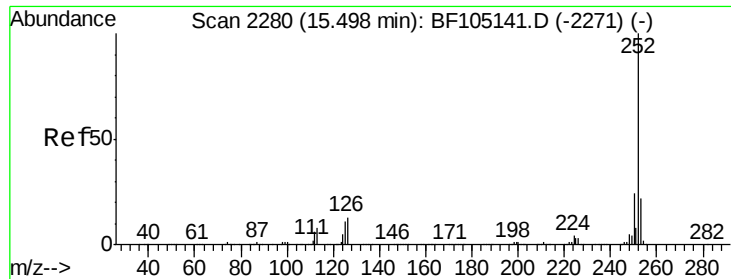
#88
Benzo(k)fluoranthene
Concen: 2.464 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.02 min
Lab File: BF105138.D
Acq: 8 May 2018 11:13

Tgt Ion:252 Resp: 70739
Ion Ratio Lower Upper
252 100
253 23.2 17.9 26.9
125 10.4 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: 2.165 ng

RT: 15.48 min Scan# 2277

Delta R.T. -0.02 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

Instrument :

BNA_F

ClientSampleId :

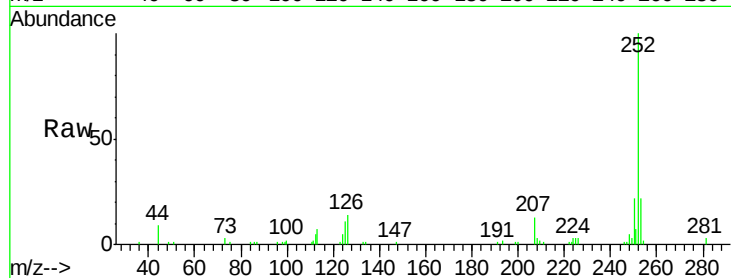
Tot Ion:252 Resp: 58909

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

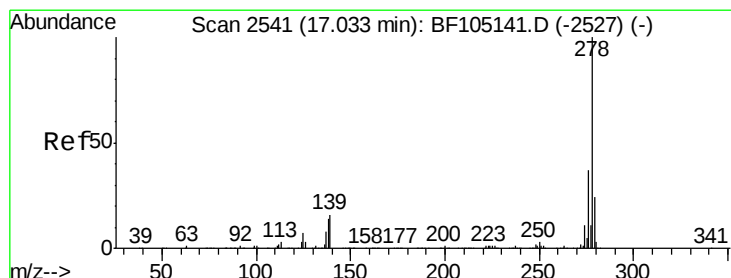
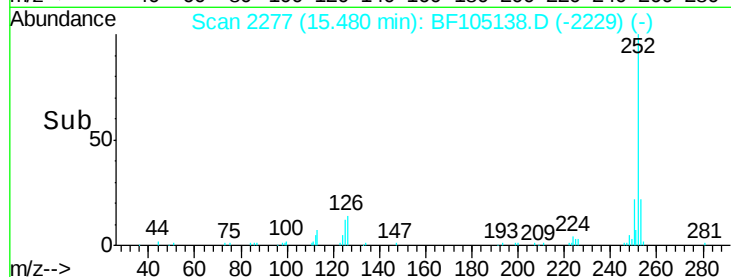
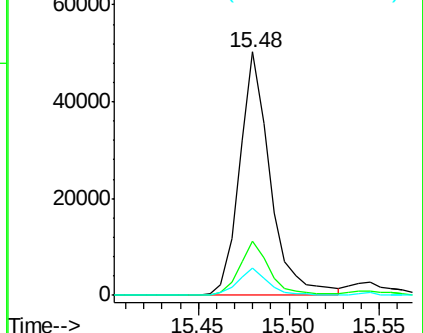
125 11.3 9.8 14.6



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: 1.650 ng

RT: 17.01 min Scan# 2537

Delta R.T. -0.02 min

Lab File: BF105138.D

Acq: 8 May 2018 11:13

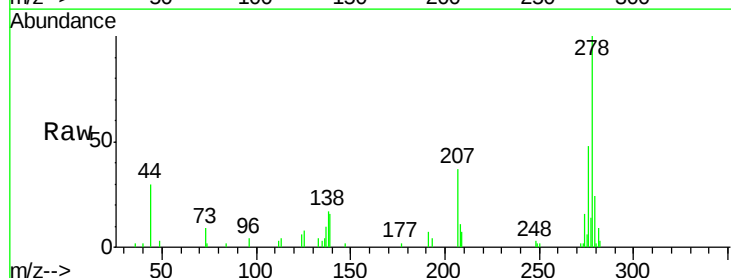
Tgt Ion:278 Resp: 36863

Ion Ratio Lower Upper

278 100

139 15.6 15.9 23.9#

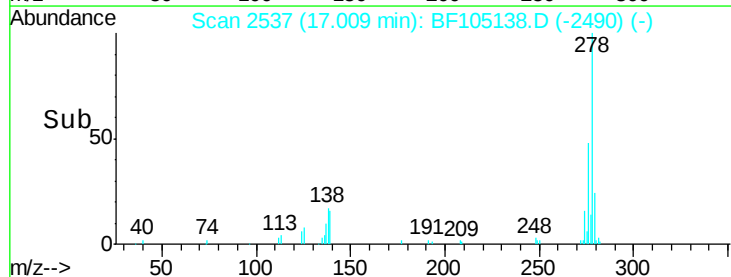
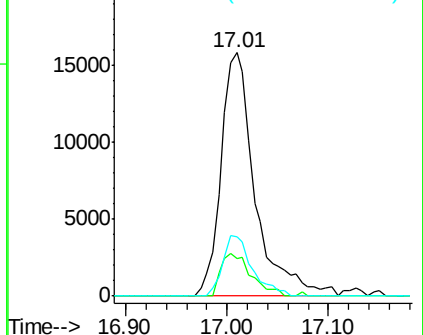
279 24.4 19.0 28.4

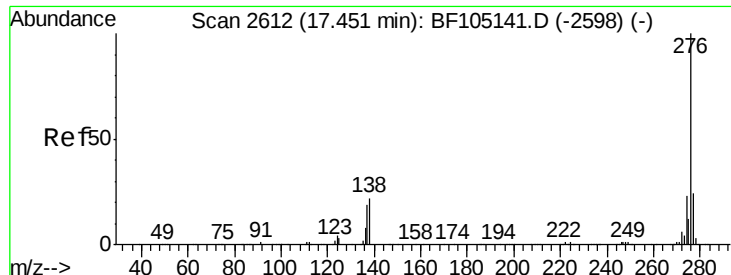


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 1.942 ng

RT: 17.41 min Scan# 2605

Delta R.T. -0.04 min

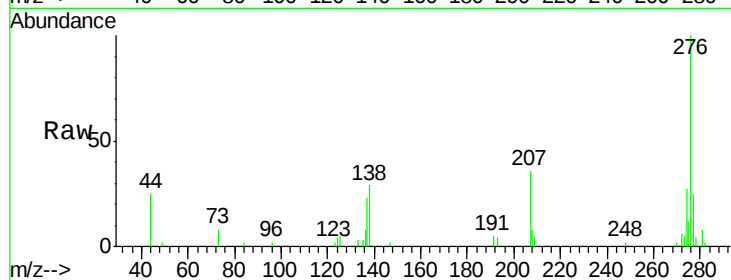
Lab File: BF105138.D

Acq: 8 May 2018 11:13

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 42043

Ion Ratio Lower Upper

276 100

277 24.6 17.9 26.9

138 29.2 21.8 32.8

