

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105139.D
 Acq On : 8 May 2018 11:40
 Operator : JU/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 08 13:40:41 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	199009	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	813794	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	405755	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	796132	20.00	ng	0.00
75) Chrysene-d12	14.00	240	675288	20.00	ng	-0.01
86) Perylene-d12	15.55	264	627781	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	254955	19.59	ng	-0.01
7) Phenol-d6	6.40	99	302204	18.90	ng	-0.02
23) Nitrobenzene-d5	7.35	82	193769	15.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	78116	18.56	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	624655	24.32	ng	-0.01
78) Terphenyl-d14	12.90	244	633098	21.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	65805	10.851	ng	92
3) Pyridine	3.24	79	171140	10.037	ng	# 84
4) n-Nitrosodimethylamine	3.18	42	85052	14.270	ng	83
6) Aniline	6.45	93	219614	9.885	ng	97
8) 2-Chlorophenol	6.57	128	135012	9.828	ng	93
9) Benzaldehyde	6.34	77	122918	15.403	ng	99
10) Phenol	6.42	94	168831	9.950	ng	94
11) bis(2-Chloroethyl)ether	6.52	93	142723	10.541	ng	91
12) 1,3-Dichlorobenzene	6.73	146	164880	10.595	ng	99
13) 1,4-Dichlorobenzene	6.81	146	167841	10.819	ng	98
14) 1,2-Dichlorobenzene	6.96	146	156609	10.894	ng	95
15) Benzyl Alcohol	6.93	79	107933	8.886	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	262168	14.418	ng	96
17) 2-Methylphenol	7.03	107	115351	9.660	ng	97
18) Hexachloroethane	7.30	117	50315	9.097	ng	97
19) n-Nitroso-di-n-propylamine	7.20	70	98179	9.395	ng	90
20) 3+4-Methylphenols	7.19	107	142297	9.608	ng	95
22) Acetophenone	7.20	105	212503	10.607	ng	# 94
24) Nitrobenzene	7.37	77	126071	9.162	ng	95
25) Isophorone	7.61	82	279763	10.615	ng	99
26) 2-Nitrophenol	7.69	139	17392	3.105	ng	# 86
27) 2,4-Dimethylphenol	7.72	122	121158	10.417	ng	97
28) bis(2-Chloroethoxy)methane	7.82	93	176120	10.930	ng	98
29) 2,4-Dichlorophenol	7.92	162	104528	9.419	ng	93
30) 1,2,4-Trichlorobenzene	8.02	180	138879	11.403	ng	96
31) Naphthalene	8.10	128	430034	10.612	ng	98
32) Benzoic acid	7.79	122	19235	2.073	ng	89
33) 4-Chloroaniline	8.14	127	175383	10.102	ng	95
34) Hexachlorobutadiene	8.21	225	79251	11.880	ng	99
35) Caprolactam	8.47	113	26791	6.920	ng	# 66
36) 4-Chloro-3-methylphenol	8.61	107	113261	9.518	ng	99
37) 2-Methylnaphthalene	8.79	142	301147	11.489	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	140178	12.069	ng	98
40) Hexachlorocyclopentadiene	8.94	237	53360	8.206	ng	97

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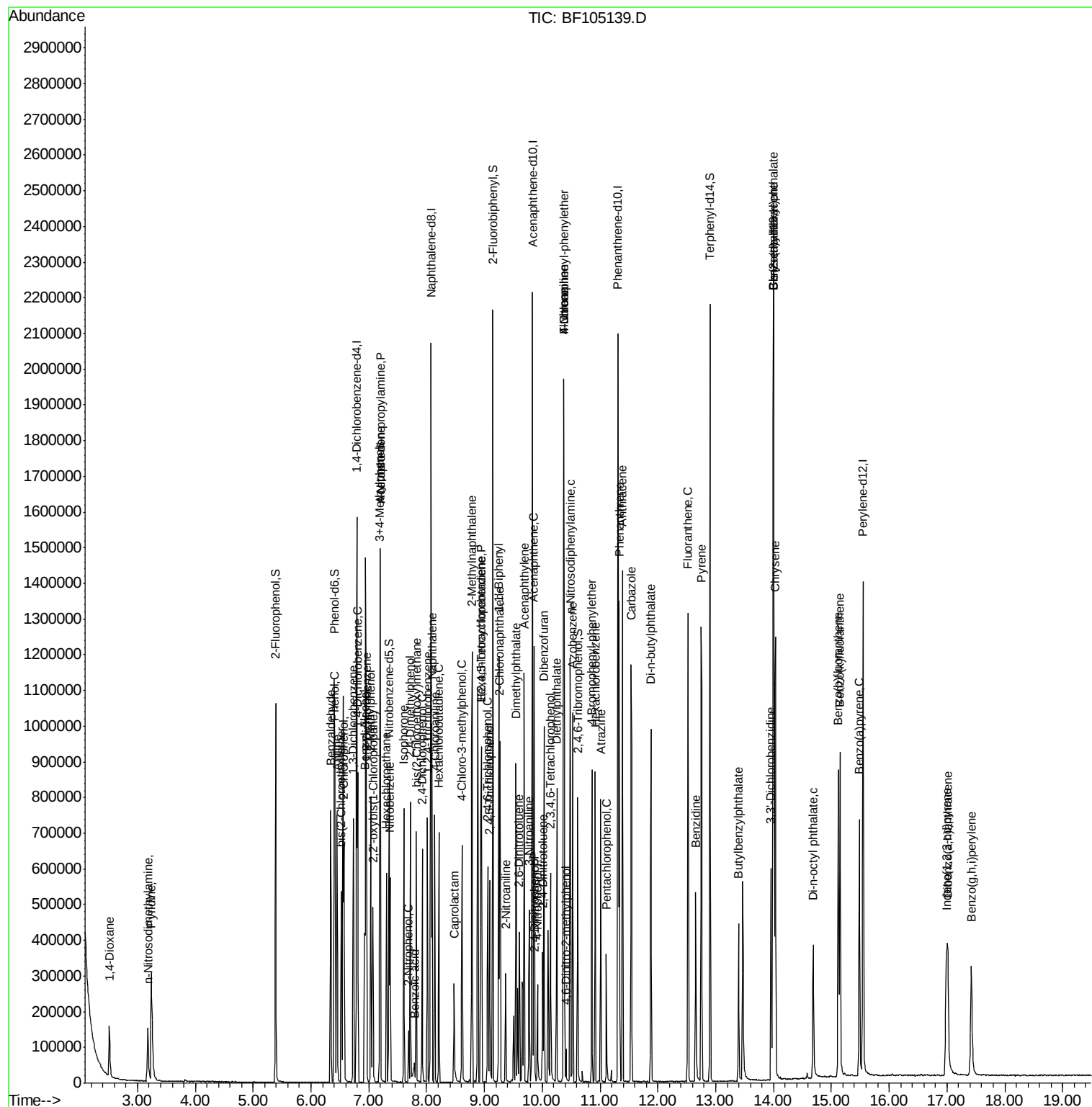
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42) 2,4,6-Trichlorophenol	9.06	196	69312	8.596	nq	98
43) 2,4,5-Trichlorophenol	9.09	196	76848	8.517	nq	90
45) 1,1'-Biphenyl	9.25	154	368929	10.823	nq	98
46) 2-Chloronaphthalene	9.27	162	271140	10.071	nq	98
47) 2-Nitroaniline	9.37	65	34052	5.114	nq	95
48) Acenaphthylene	9.69	152	421836	9.986	nq	99
49) Dimethylphthalate	9.55	163	292023	9.127	nq	99
50) 2,6-Dinitrotoluene	9.61	165	46169	7.798	nq	96
51) Acenaphthene	9.86	154	264732	10.271	nq	99
52) 3-Nitroaniline	9.77	138	49377	7.124	nq	# 94
53) 2,4-Dinitrophenol	9.87	184	4728	2.627	nq	# 29
54) Dibenzofuran	10.03	168	399781	11.130	nq	97
55) 4-Nitrophenol	9.92	139	32872	6.037	nq	100
56) 2,4-Dinitrotoluene	10.00	165	51508	6.632	nq	# 86
57) Fluorene	10.37	166	309593	11.842	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.15	232	67632	10.047	nq	88
59) Diethylphthalate	10.25	149	290103	9.104	nq	96
60) 4-Chlorophenyl-phenylether	10.37	204	148189	12.728	nq	93
61) 4-Nitroaniline	10.38	138	50135	7.398	nq	93
62) Azobenzene	10.53	77	309113	10.153	nq	96
64) 4,6-Dinitro-2-methylphenol	10.41	198	8010	2.316	nq	91
65) n-Nitrosodiphenylamine	10.49	169	270757	9.809	nq	100
66) 4-Bromophenyl-phenylether	10.86	248	91760	10.836	nq	91
67) Hexachlorobenzene	10.92	284	102861	10.795	nq	93
68) Atrazine	11.01	200	77241	9.270	nq	99
69) Pentachlorophenol	11.11	266	36198	6.141	nq	98
70) Phenanthrene	11.33	178	472306	10.653	nq	98
71) Anthracene	11.39	178	478640	10.620	nq	99
72) Carbazole	11.54	167	426312	9.680	nq	99
73) Di-n-butylphthalate	11.88	149	399406	7.424	nq	98
74) Fluoranthene	12.52	202	488785	10.552	nq	98
76) Benzidine	12.65	184	212414	9.088	nq	100
77) Pyrene	12.75	202	504800	10.085	nq	99
79) Butylbenzylphthalate	13.40	149	72325	3.067	nq	99
80) Benzo(a)anthracene	13.99	228	447672	11.097	nq	99
81) 3,3'-Dichlorobenzidine	13.96	252	128396	8.536	nq	# 96
82) Chrysene	14.03	228	439146	10.598	nq	98
83) Bis(2-ethylhexyl)phthalate	14.00	149	144439	4.762	nq	100
84) Di-n-octyl phthalate	14.69	149	167983	3.314	nq	# 83
85) Indeno(1,2,3-cd)pyrene	16.99	276	307672	8.740	nq	94
87) Benzo(b)fluoranthene	15.12	252	366730	9.249	nq	98
88) Benzo(k)fluoranthene	15.15	252	419607	11.210	nq	# 96
89) Benzo(a)pyrene	15.49	252	350711	9.886	nq	97
90) Dibenzo(a,h)anthracene	17.02	278	254728	8.742	nq	96
91) Benzo(g,h,i)perylene	17.42	276	261992	9.281	nq	94

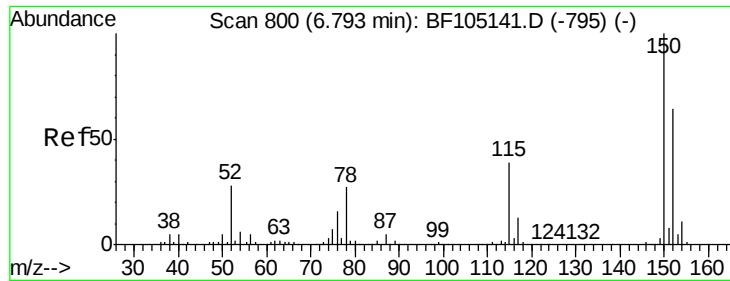
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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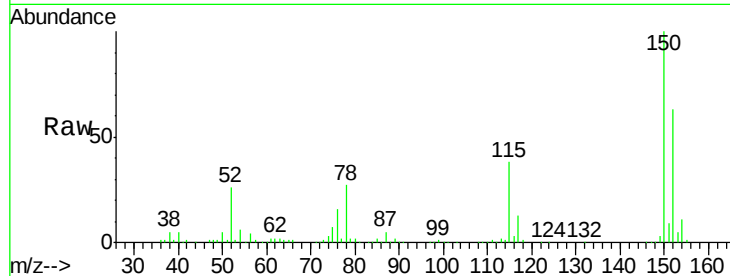


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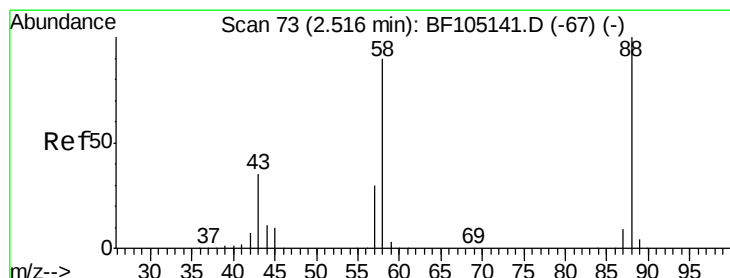
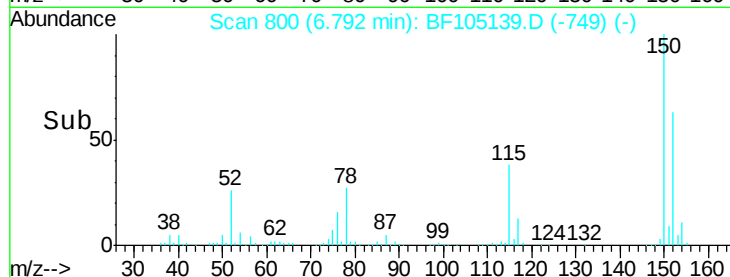
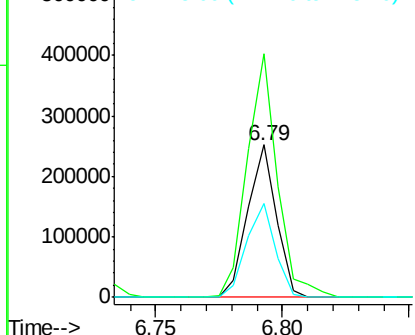
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 199009
Ion Ratio Lower Upper
152 100
150 159.9 124.6 186.8
115 61.4 50.1 75.1



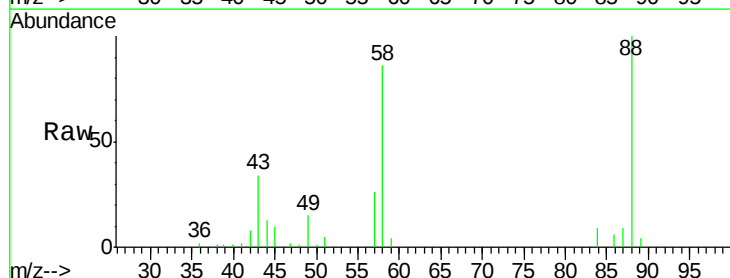
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



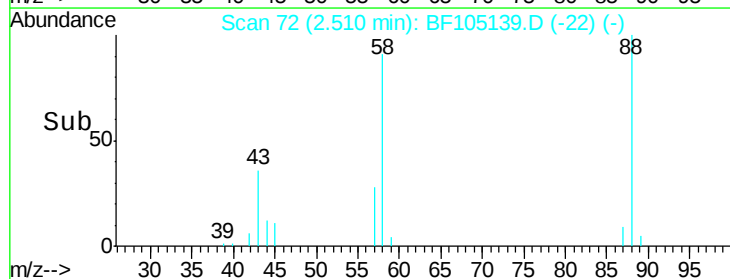
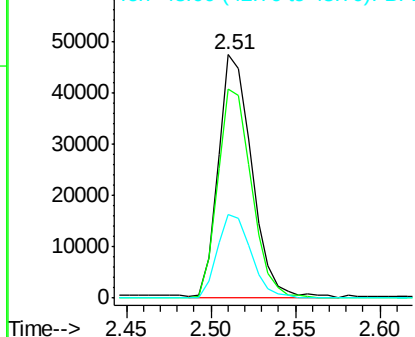
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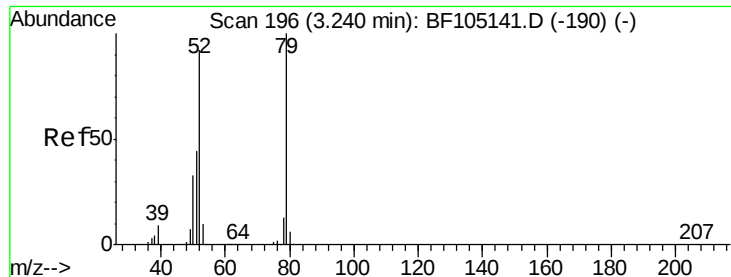
1,4-Dioxane
Concen: 10.851 ng
RT: 2.51 min Scan# 72
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion: 88 Resp: 65805
Ion Ratio Lower Upper
88 100
58 86.0 62.6 93.8
43 34.3 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: 10.037 ng

RT: 3.24 min Scan# 196

Delta R.T. -0.00 min

Lab File: BF105139.D

Acq: 8 May 2018 11:40

Instrument :

BNA_F

ClientSampleId :

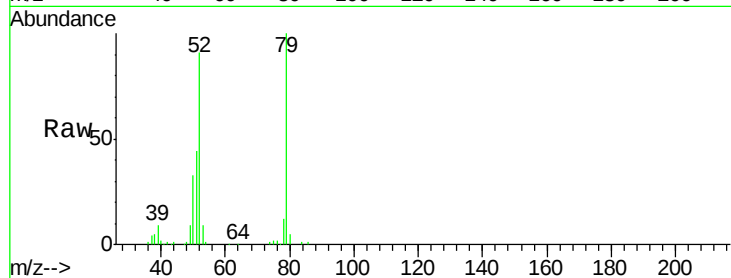
Tot Ion: 79 Resp: 171140

Ion Ratio Lower Upper

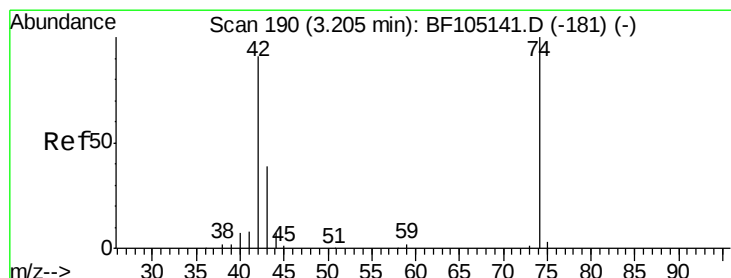
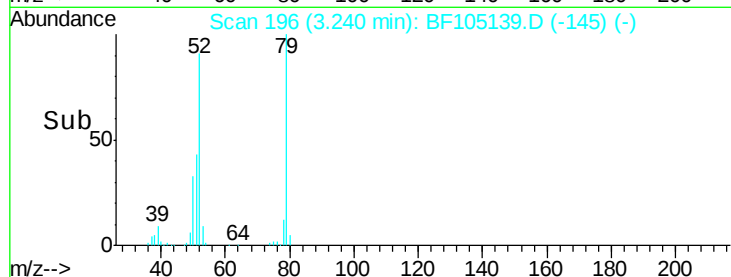
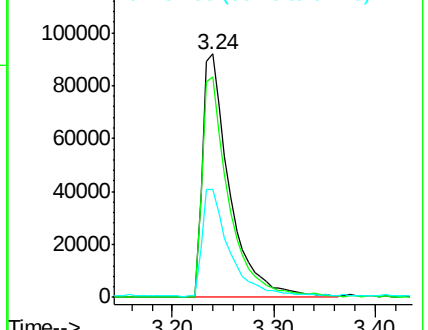
79 100

52 90.7 59.8 89.6#

51 44.1 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: 14.270 ng

RT: 3.18 min Scan# 186

Delta R.T. -0.02 min

Lab File: BF105139.D

Acq: 8 May 2018 11:40

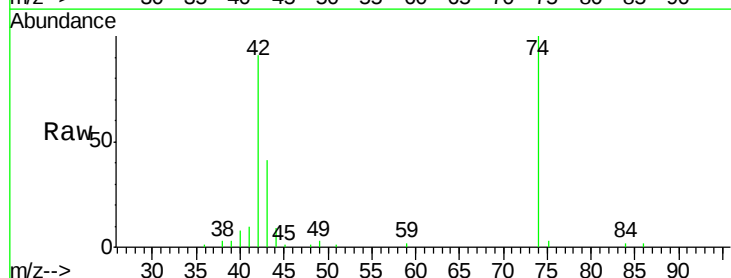
Tgt Ion: 42 Resp: 85052

Ion Ratio Lower Upper

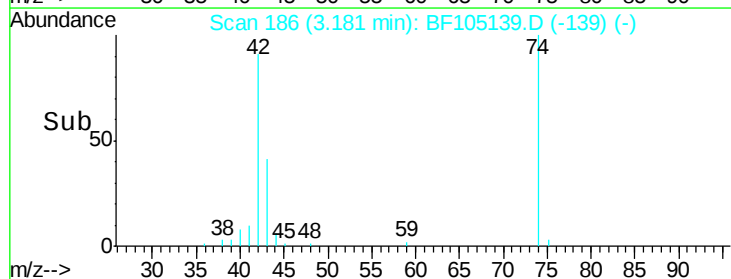
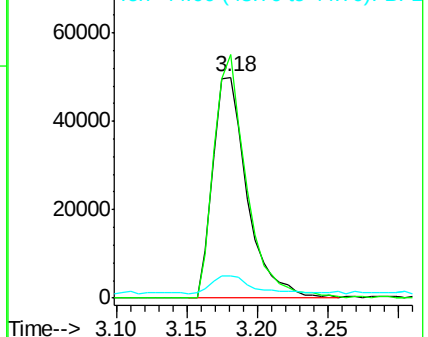
42 100

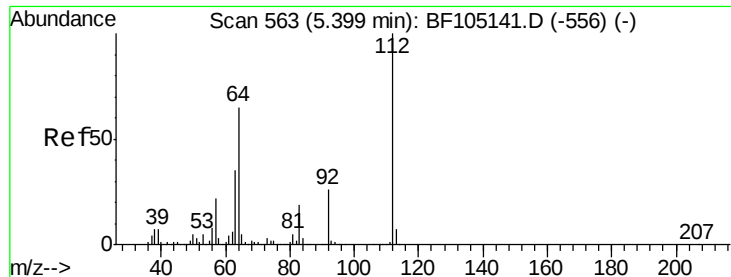
74 110.1 104.9 157.3

44 10.0 6.9 10.3



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





#5

2-Fluorophenol

Concen: 19.589 ng

RT: 5.39 min Scan# 561

Delta R.T. -0.01 min

Lab File: BF105139.D

Acq: 8 May 2018 11:40

Instrument :

BNA_F

ClientSampleId :

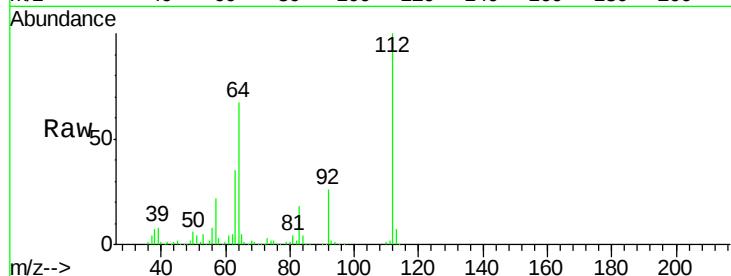
Tot Ion:112 Resp: 254955

Ion Ratio Lower Upper

112 100

64 66.6 47.9 71.9

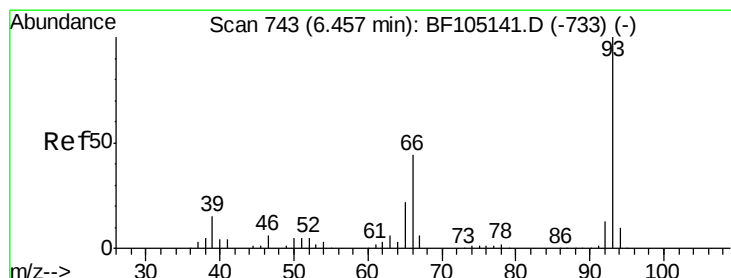
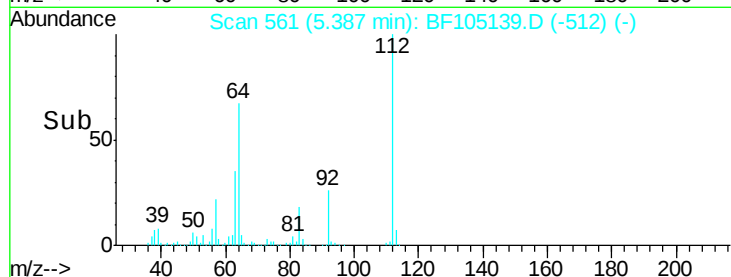
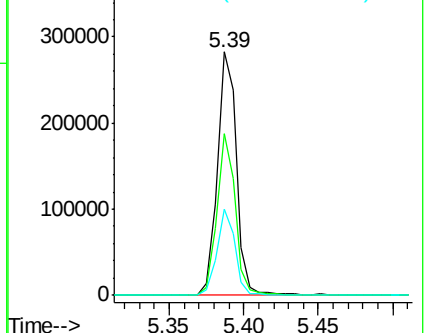
63 35.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 9.885 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF105139.D

Acq: 8 May 2018 11:40

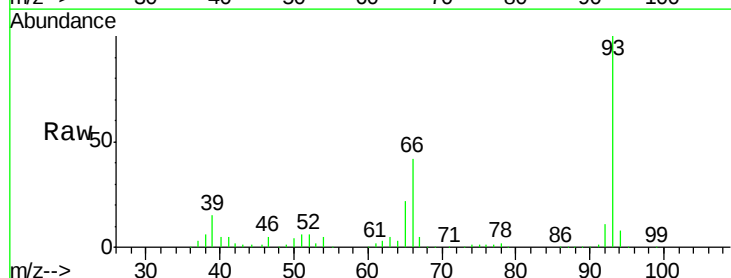
Tgt Ion: 93 Resp: 219614

Ion Ratio Lower Upper

93 100

66 41.7 32.2 48.2

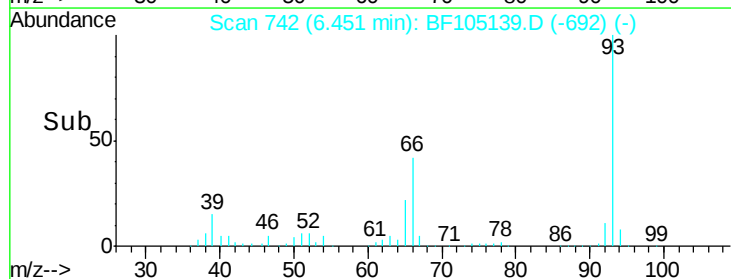
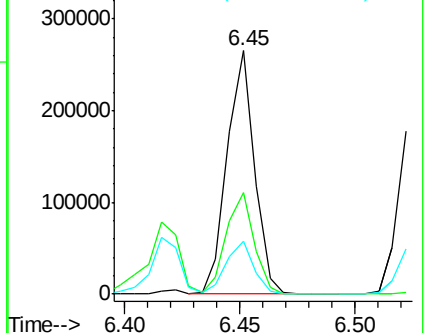
65 21.9 16.4 24.6

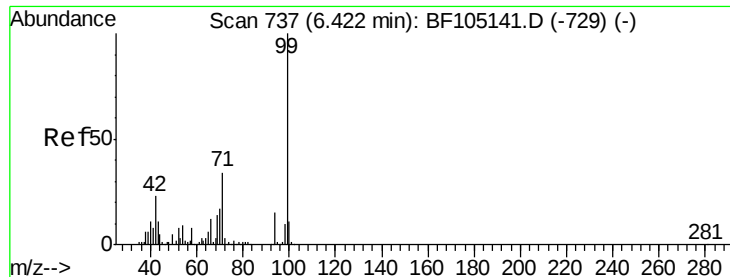


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 18.898 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF105139.D

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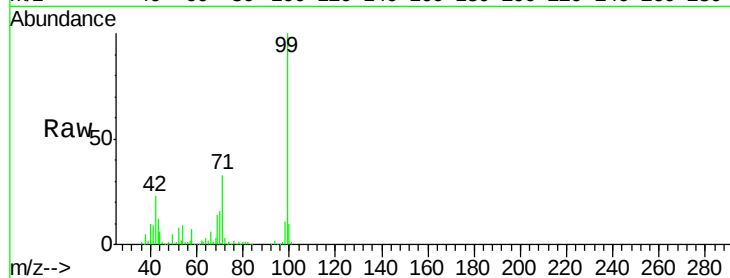
Tot Ion: 99 Resp: 302204

Ion Ratio Lower Upper

99 100

42 23.0 14.5 21.7#

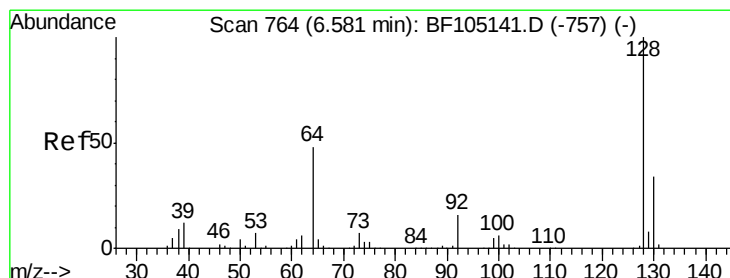
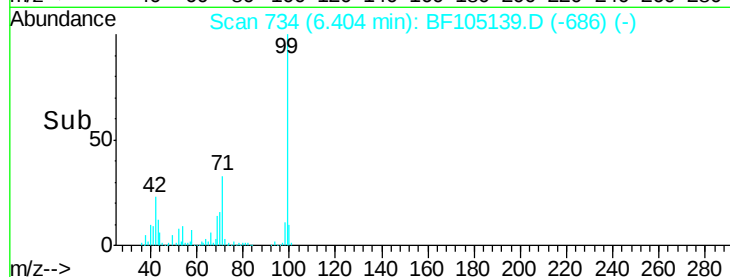
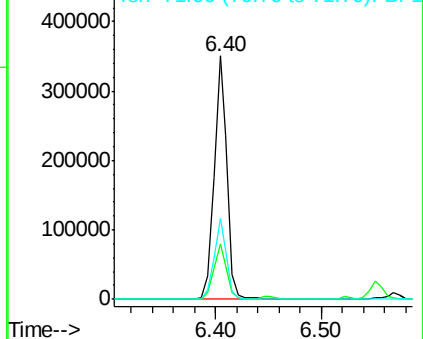
71 33.5 25.4 38.0



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: 9.828 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF105139.D

Acq: 8 May 2018 11:40

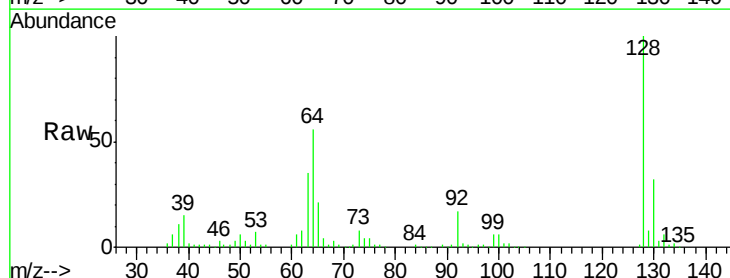
Tgt Ion: 128 Resp: 135012

Ion Ratio Lower Upper

128 100

130 31.7 13.0 53.0

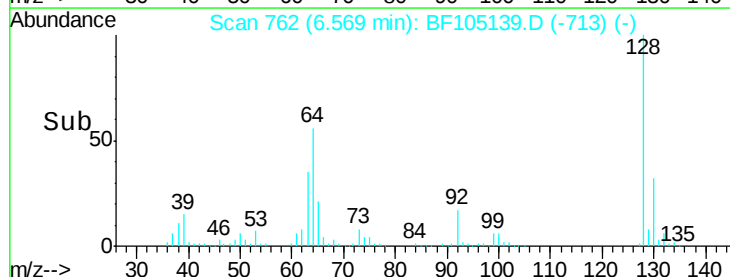
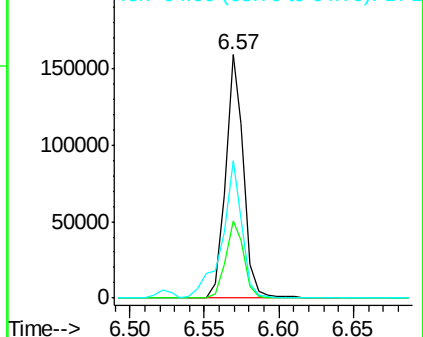
64 56.4 29.4 69.4

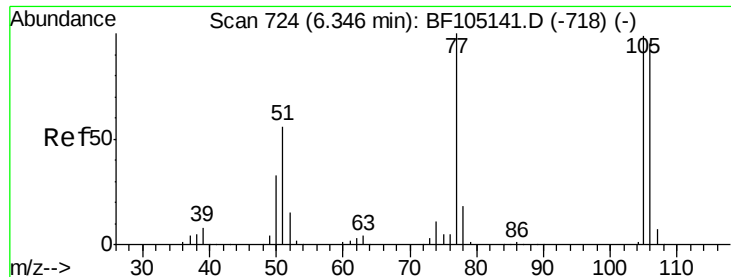


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

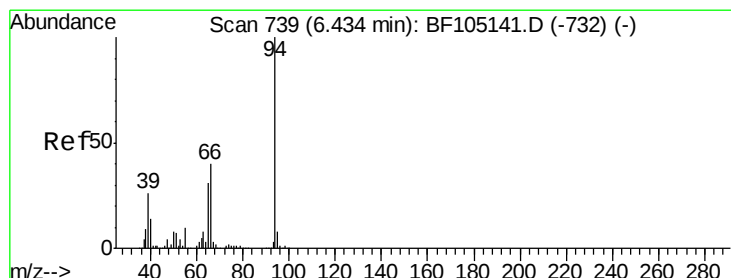
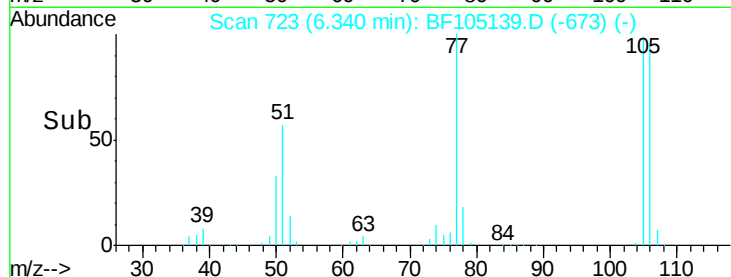
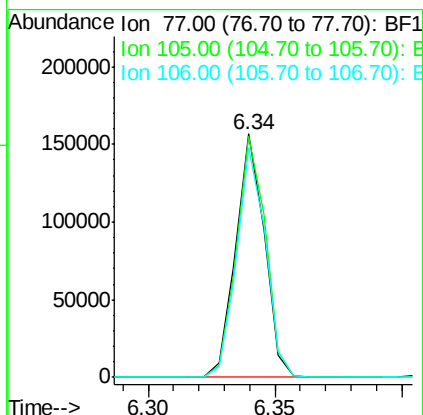
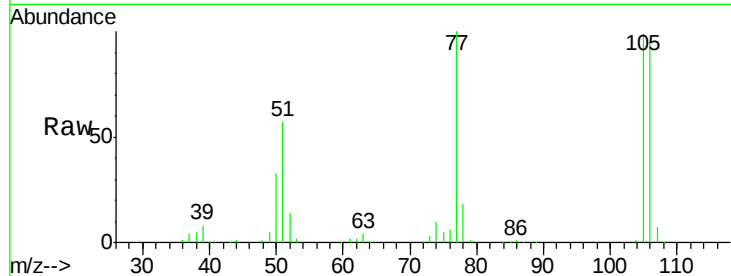




#9
Benzaldehyde
Concen: 15.403 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.01 min
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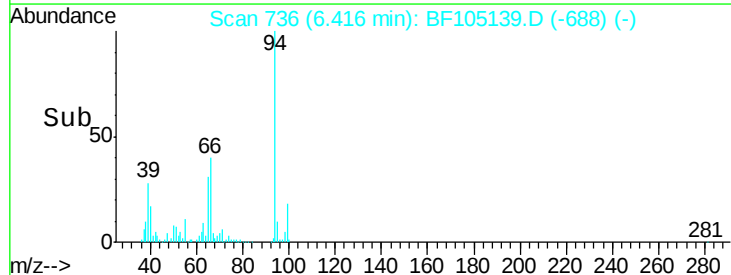
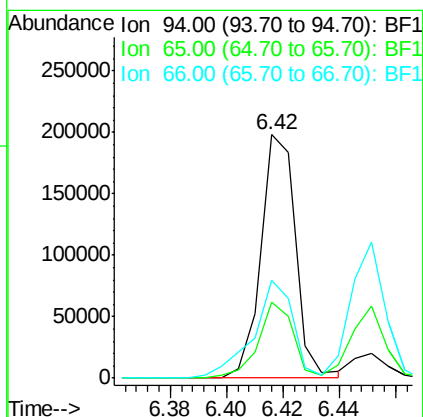
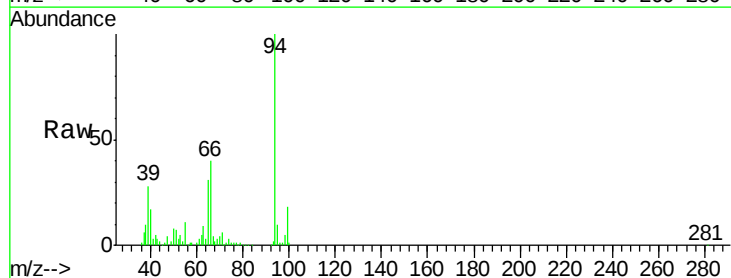
Instrument :
BNA_F
ClientSampleId :

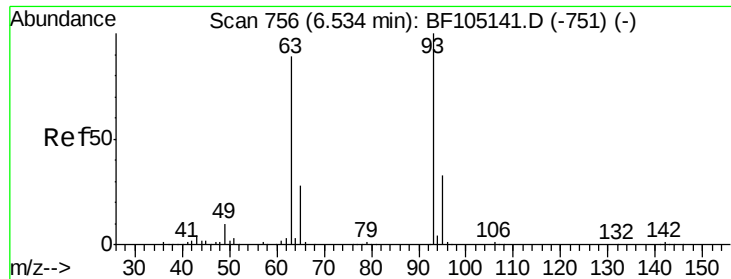
Tot Ion: 77 Resp: 122918
Ion Ratio Lower Upper
77 100
105 98.9 81.1 121.1
106 94.5 74.5 114.5



#10
Phenol
Concen: 9.950 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.02 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion: 94 Resp: 168831
Ion Ratio Lower Upper
94 100
65 31.2 7.9 47.9
66 39.9 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 10.541 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF105139.D

Acq: 8 May 2018 11:40

Instrument :

BNA_F

ClientSampleId :

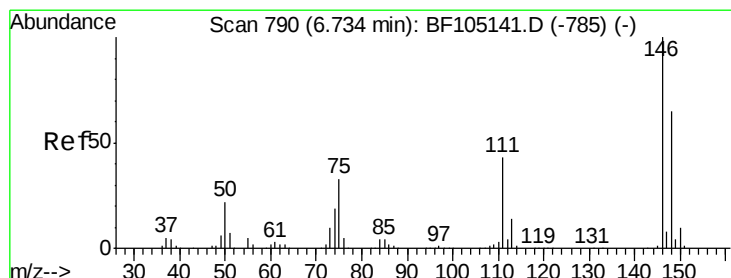
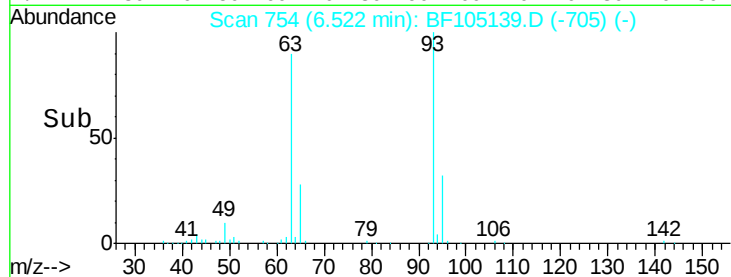
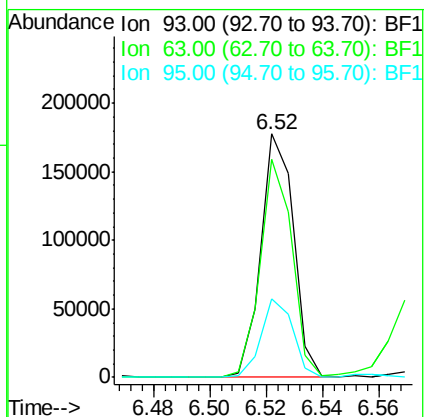
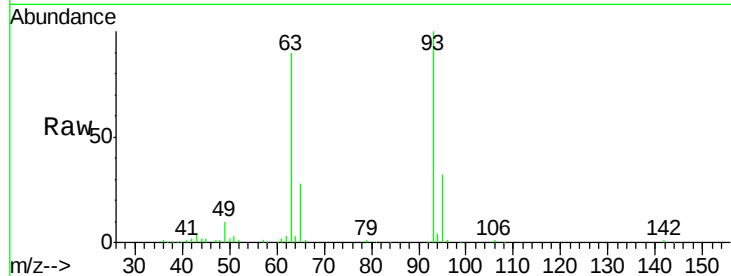
Tot Ion: 93 Resp: 142723

Ion Ratio Lower Upper

93 100

63 89.8 58.6 98.6

95 32.4 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 10.595 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF105139.D

Acq: 8 May 2018 11:40

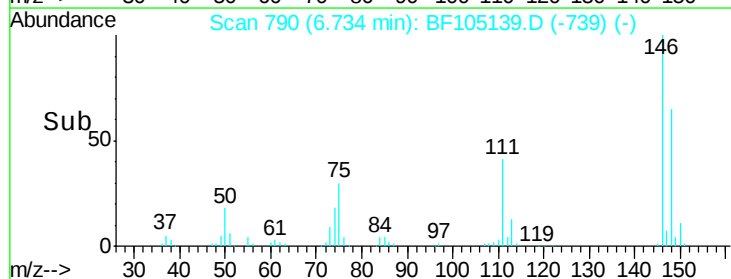
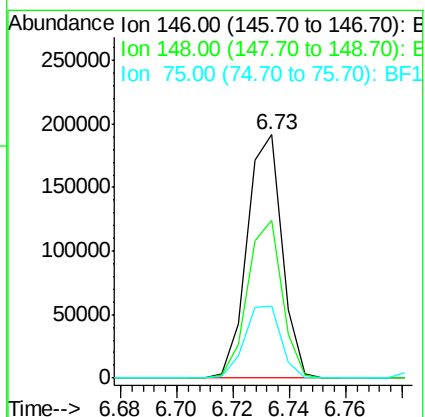
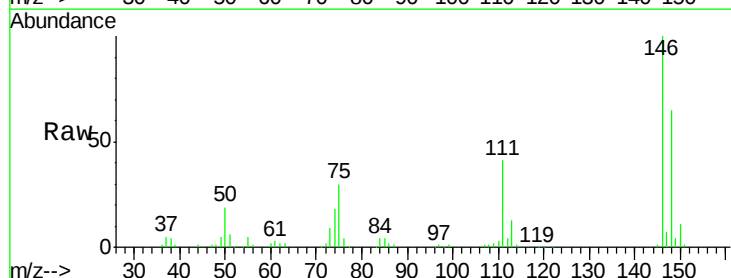
Tgt Ion: 146 Resp: 164880

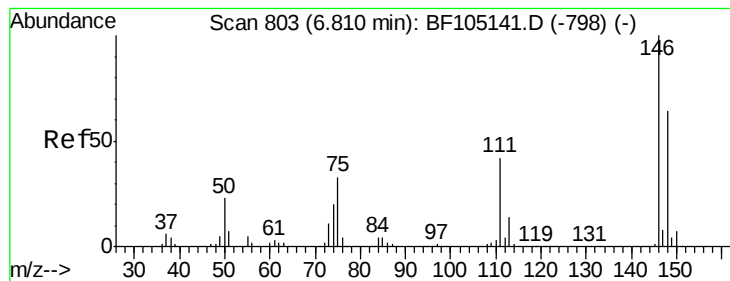
Ion Ratio Lower Upper

146 100

148 64.7 51.8 77.8

75 29.6 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 10.819 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF105139.D

Acq: 8 May 2018 11:40

Instrument :

BNA_F

ClientSampleId :

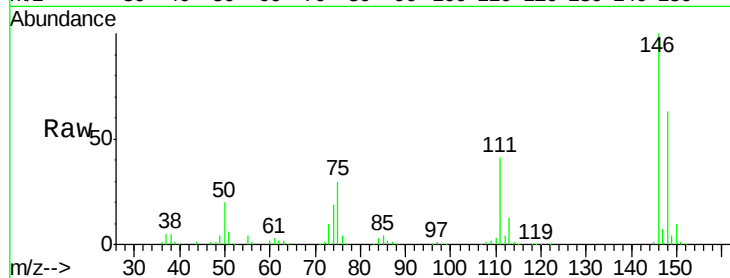
Tot Ion:146 Resp: 167841

Ion Ratio Lower Upper

146 100

148 63.0 50.8 76.2

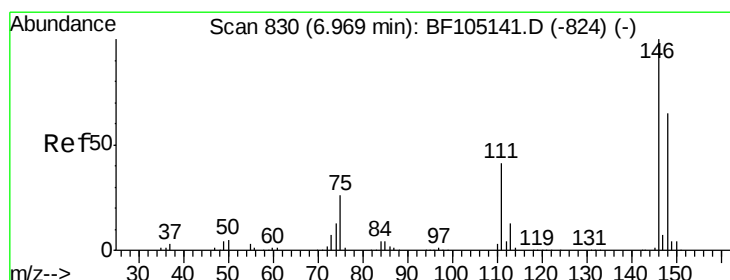
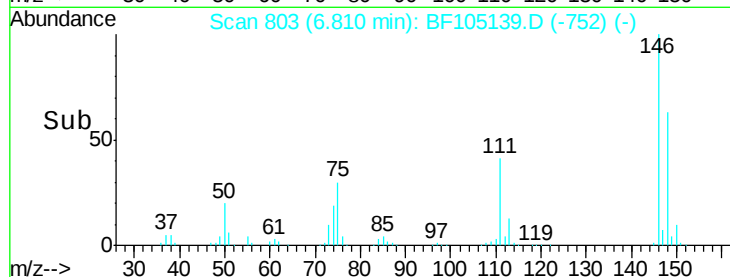
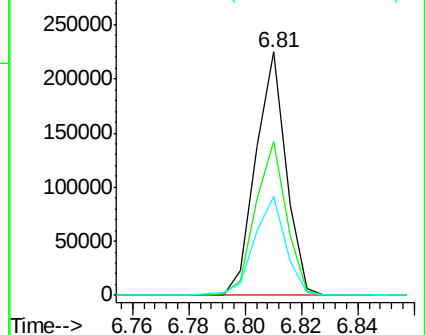
111 40.8 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 10.894 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF105139.D

Acq: 8 May 2018 11:40

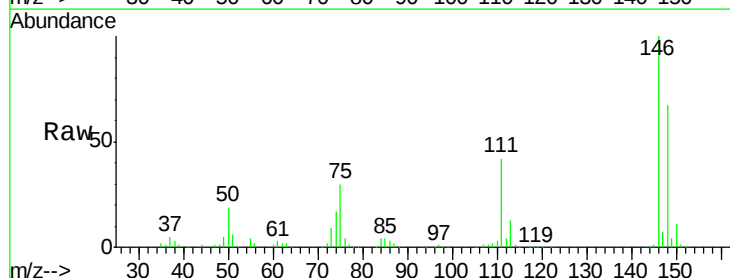
Tgt Ion:146 Resp: 156609

Ion Ratio Lower Upper

146 100

148 66.6 50.6 75.8

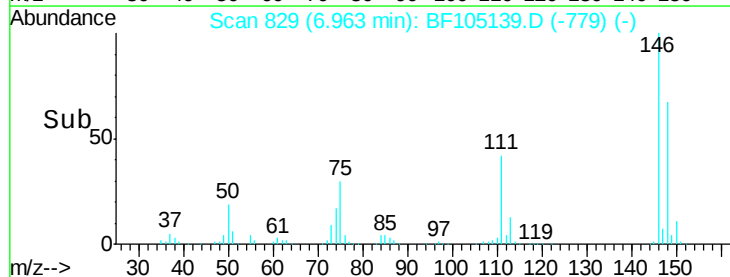
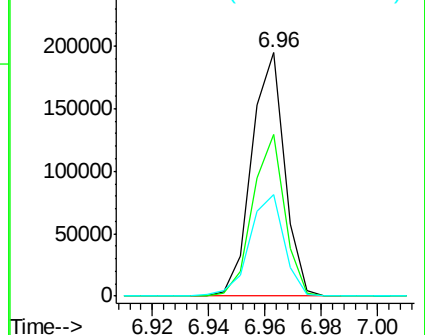
111 41.9 36.0 54.0

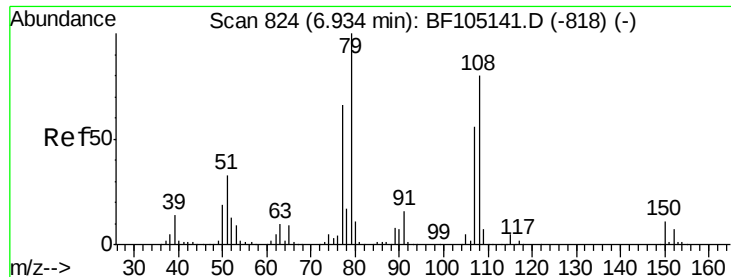


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 8.886 ng

RT: 6.93 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF105139.D

Acq: 8 May 2018 11:40

Instrument :

BNA_F

ClientSampleId :

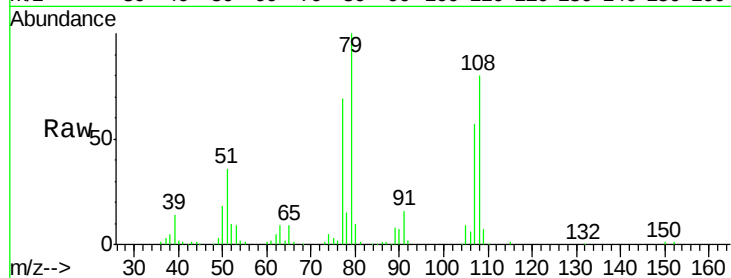
Tot Ion: 79 Resp: 107933

Ion Ratio Lower Upper

79 100

108 79.6 65.1 97.7

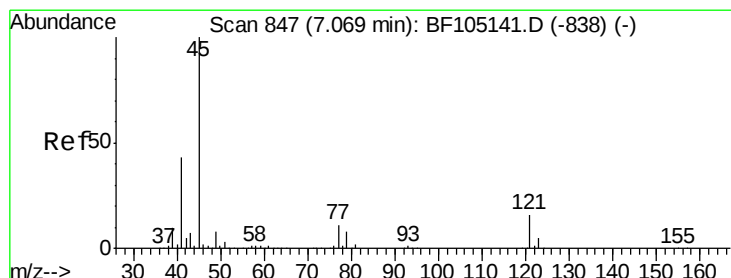
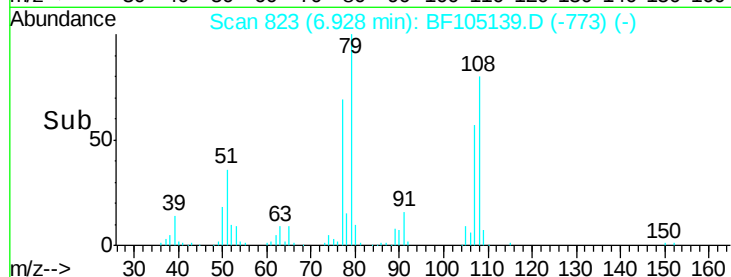
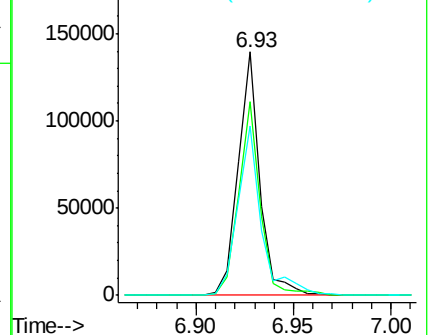
77 69.3 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 14.418 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF105139.D

Acq: 8 May 2018 11:40

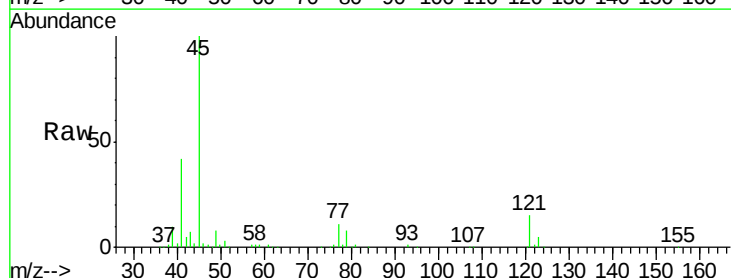
Tgt Ion: 45 Resp: 262168

Ion Ratio Lower Upper

45 100

77 10.8 0.0 32.9

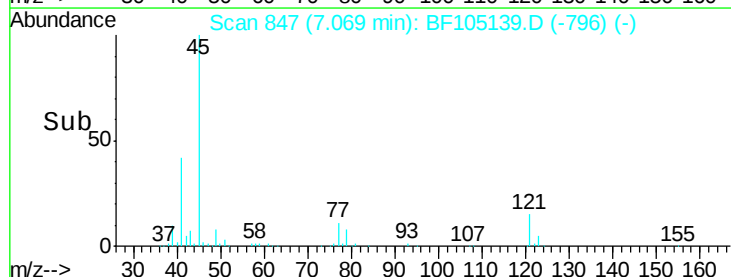
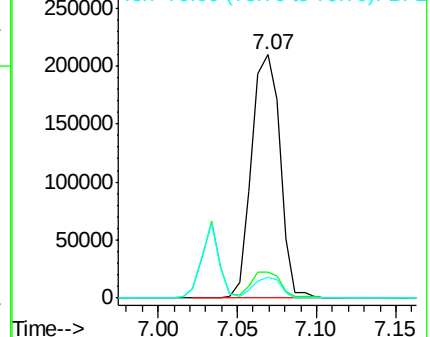
79 8.5 0.0 29.6

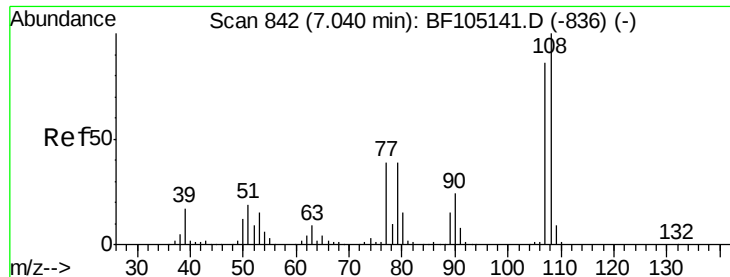


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

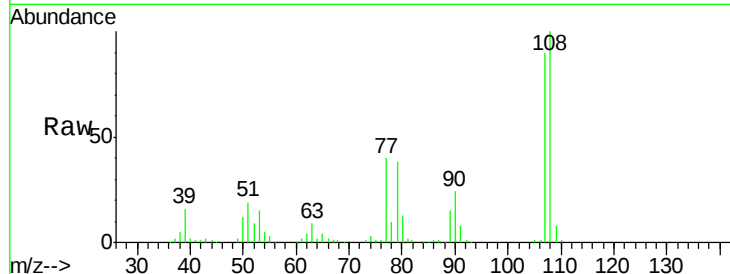




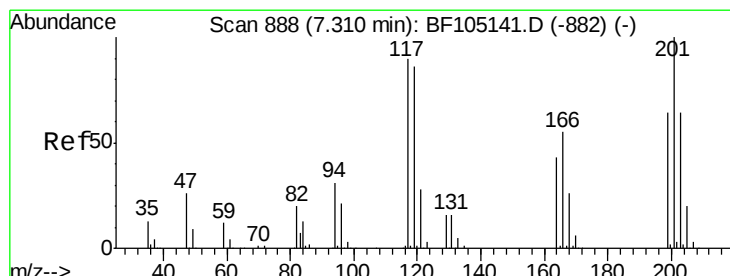
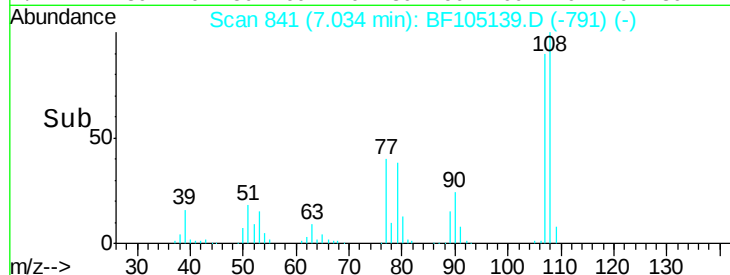
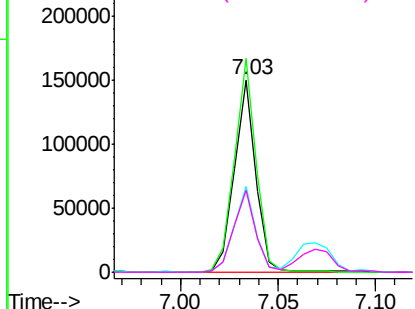
#17
2-Methylphenol
Concen: 9.660 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	115351
Ion	Ratio	Lower	Upper
107	100		
108	110.9	91.7	137.5
77	44.3	33.8	50.8
79	42.4	33.8	50.8

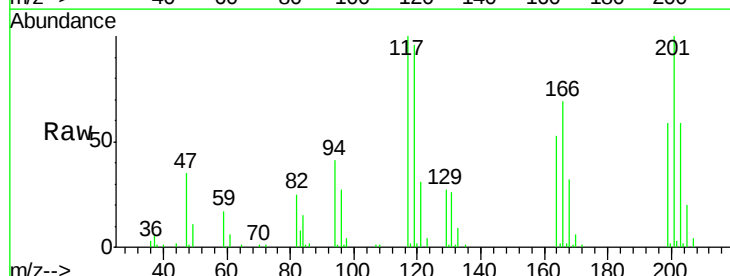


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

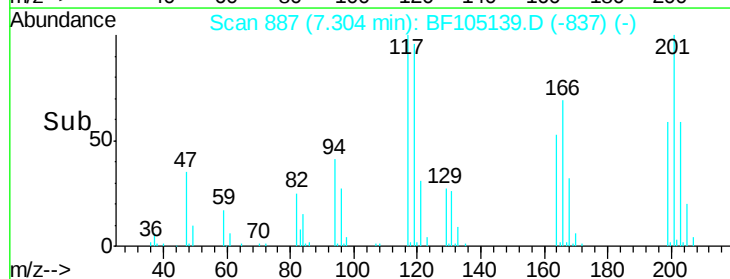
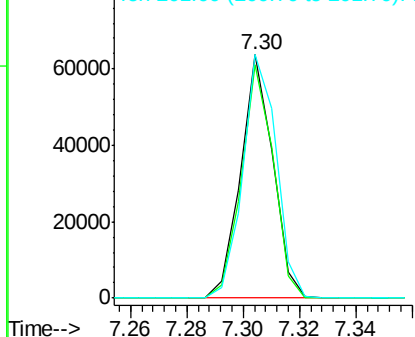


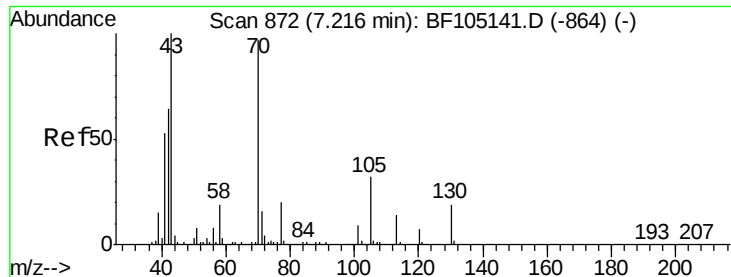
#18
Hexachloroethane
Concen: 9.097 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:	117	Resp:	50315
Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.8	113.8
201	100.1	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: 9.395 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.02 min

Lab File: BF105139.D

Acq: 8 May 2018 11:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 98179

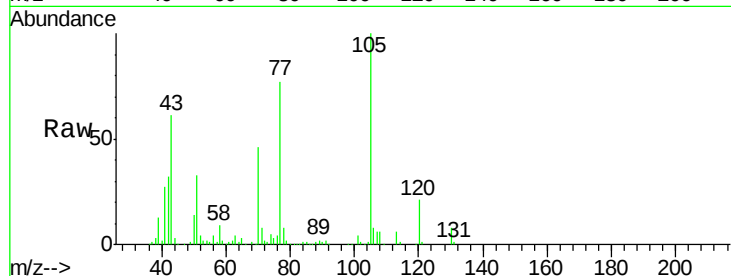
Ion Ratio Lower Upper

70 100

42 69.2 47.5 71.3

101 9.2 7.4 11.2

130 17.3 16.6 25.0

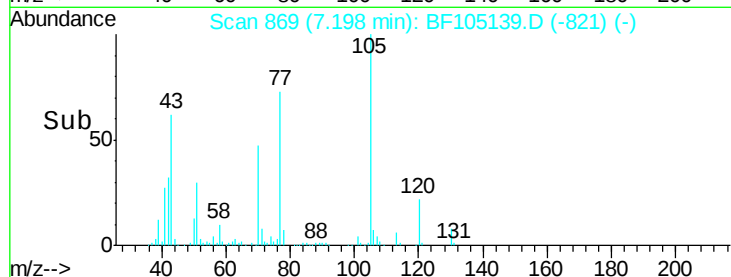
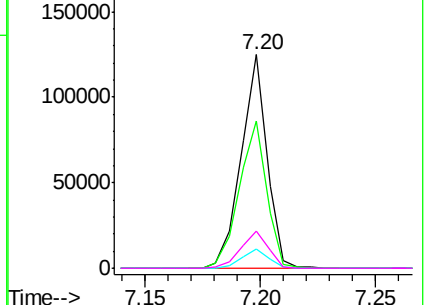


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 9.608 ng

RT: 7.19 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF105139.D

Acq: 8 May 2018 11:40

Tgt Ion: 107 Resp: 142297

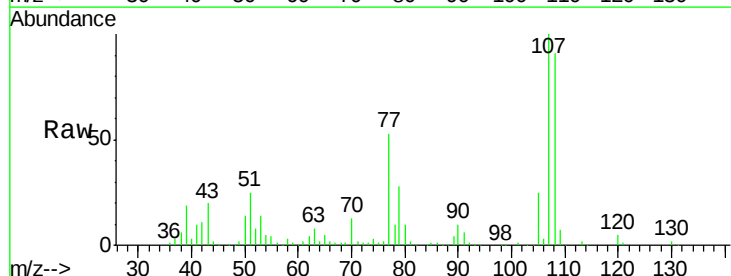
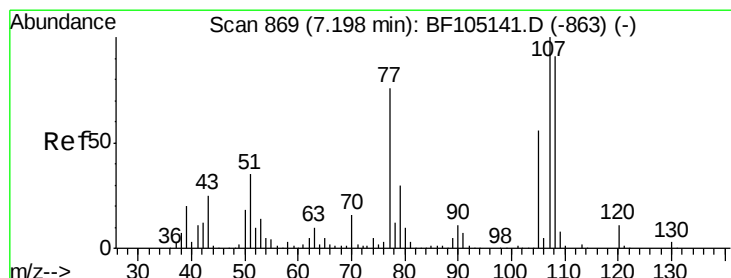
Ion Ratio Lower Upper

107 100

108 91.0 68.2 108.2

77 53.4 26.7 66.7

79 28.4 6.3 46.3

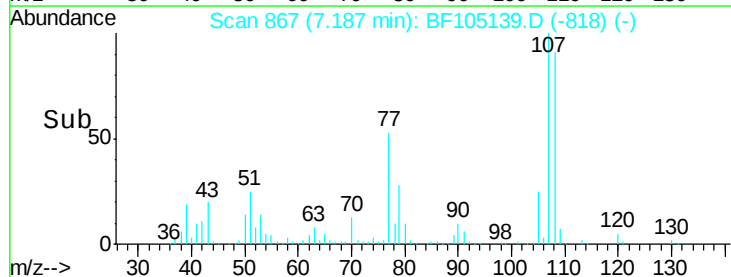
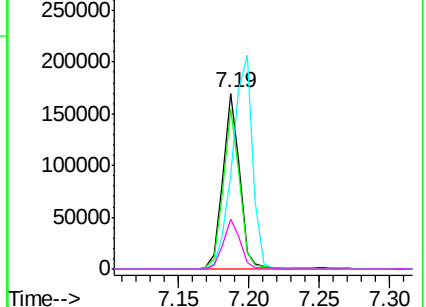


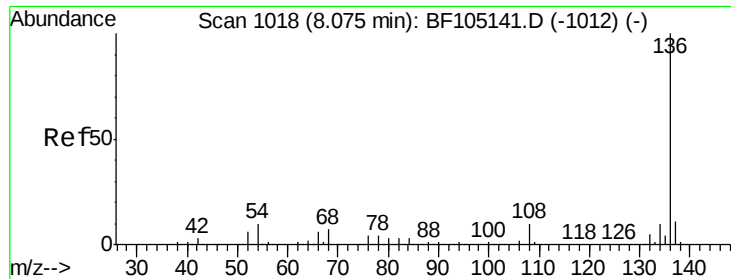
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

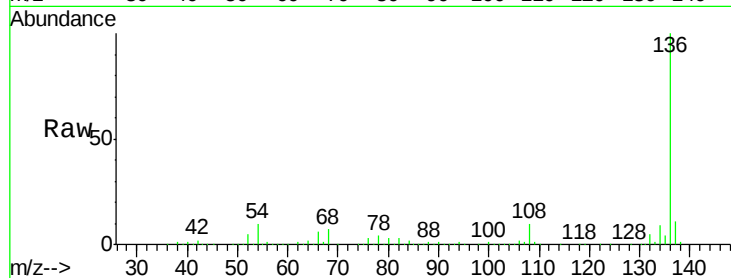




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	813794
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	10.0	6.6 9.8#
68	6.5	5.0 7.4



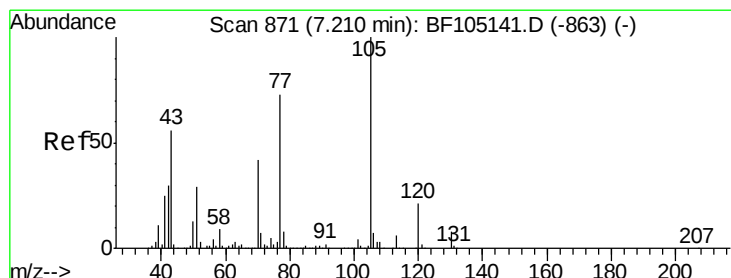
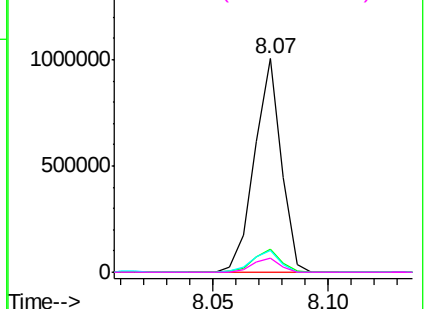
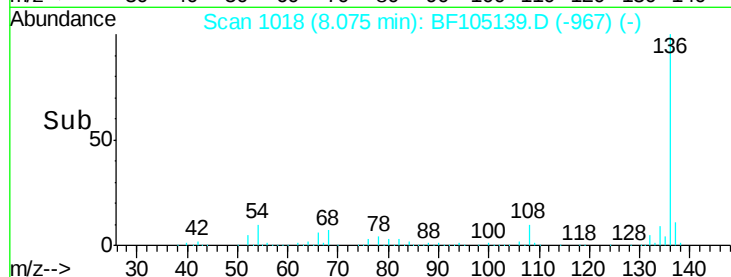
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

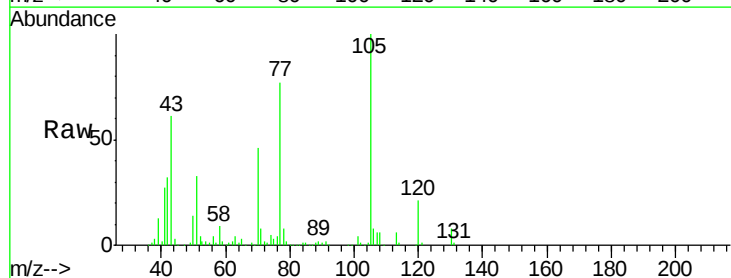
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 10.607 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:105	Resp:	212503
Ion Ratio	Lower	Upper
105	100	
71	7.5	4.4 6.6#
51	32.8	22.3 33.5
120	21.3	16.9 25.3



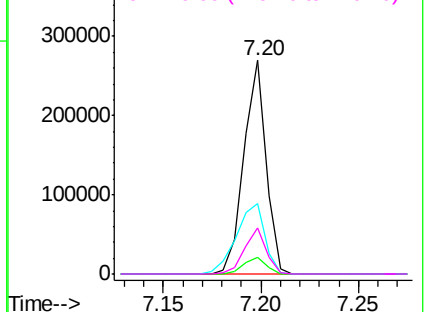
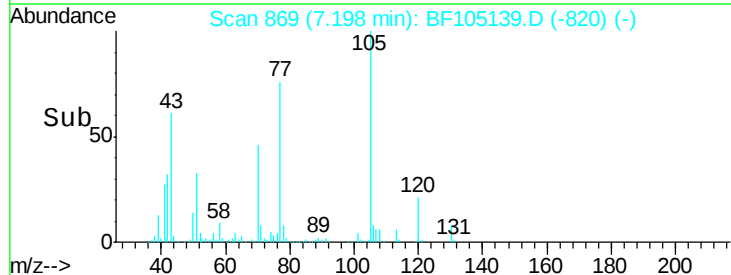
Abundance

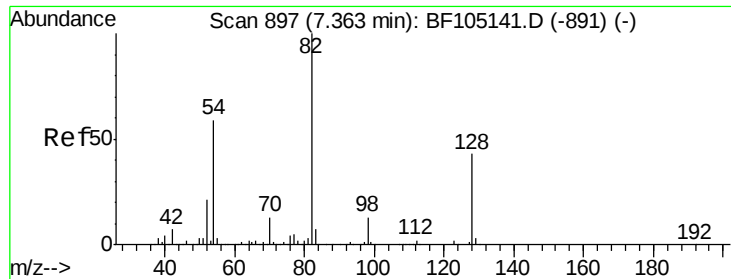
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

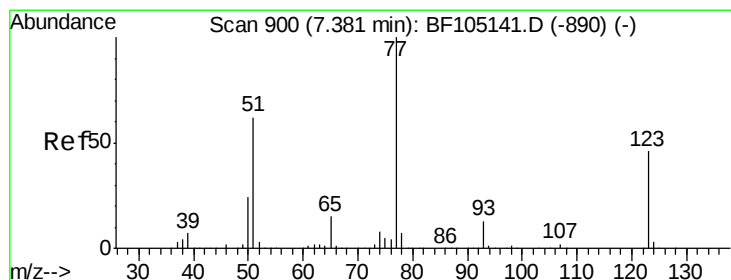
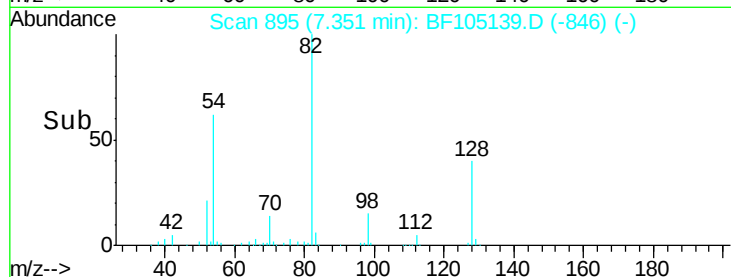
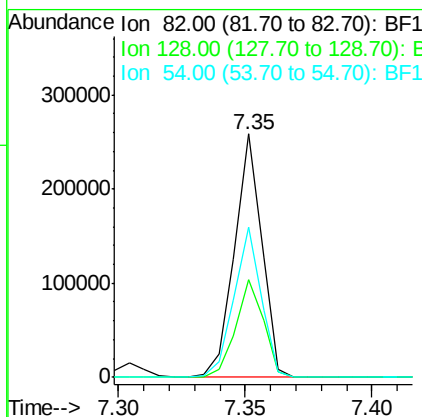
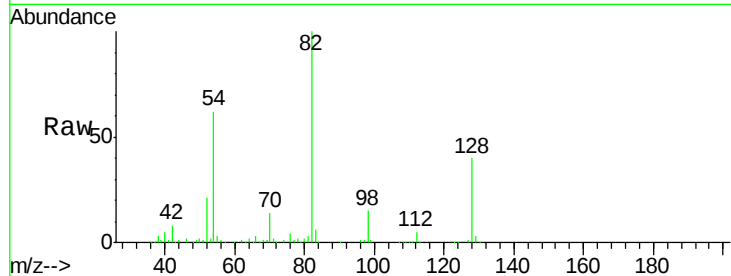




#23
Nitrobenzene-d5
Concen: 15.548 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

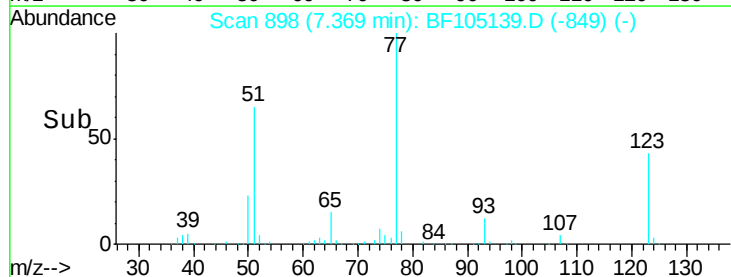
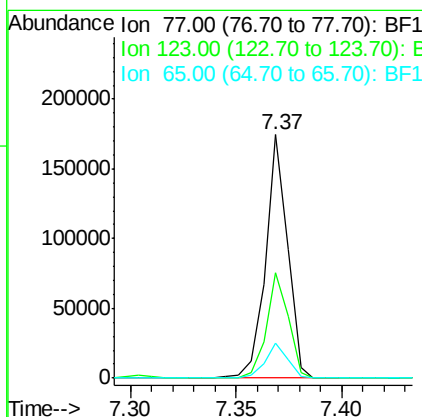
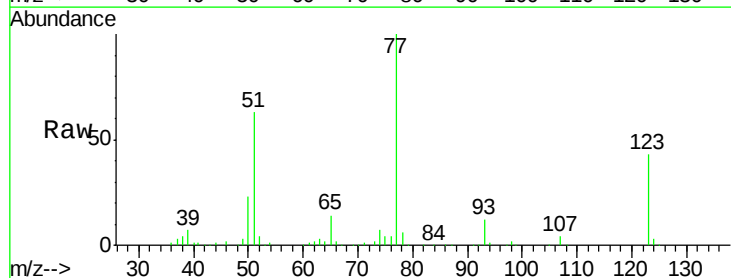
Instrument :
BNA_F
ClientSampleId :

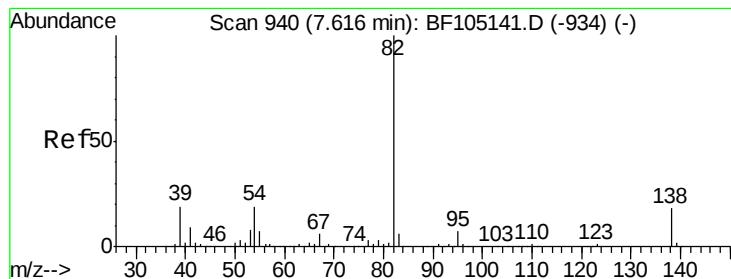
Tot Ion	82	Resp	193769
Ion Ratio	Lower	Upper	
82	100		
128	39.9	36.1	54.1
54	61.9	41.4	62.2



#24
Nitrobenzene
Concen: 9.162 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion	77	Resp	126071
Ion Ratio	Lower	Upper	
77	100		
123	43.2	37.9	56.9
65	14.2	11.0	16.4





#25

Isophorone

Concen: 10.615 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF105139.D

Acq: 8 May 2018 11:40

Instrument :

BNA_F

ClientSampleId :

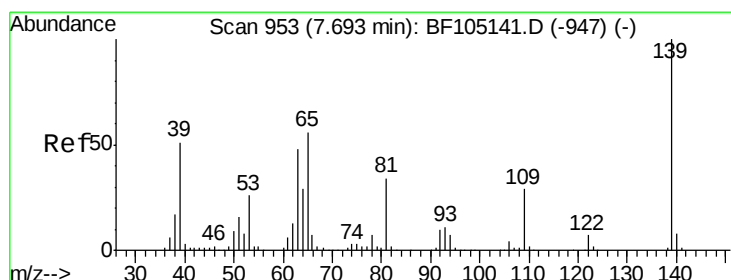
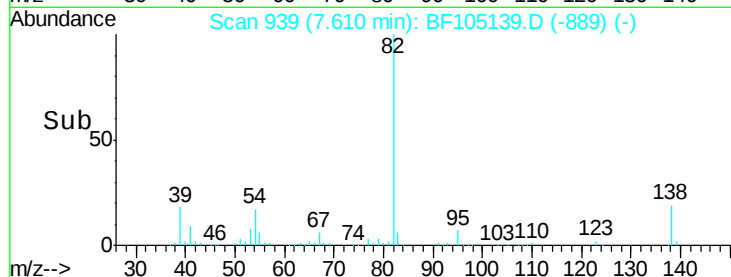
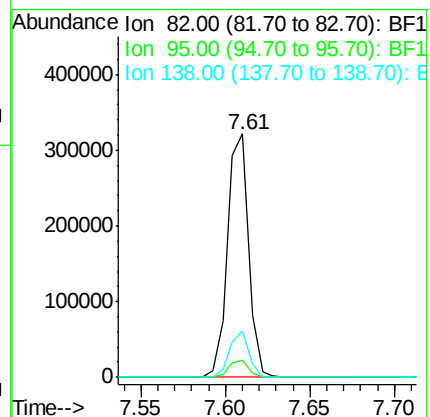
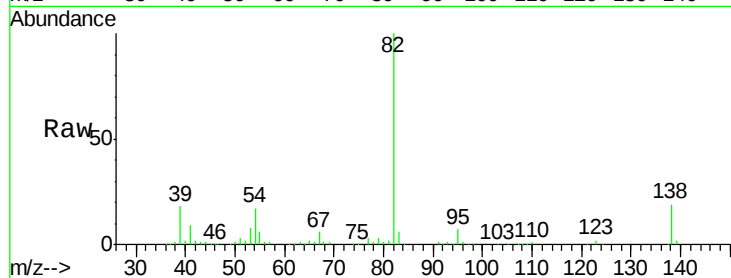
Tot Ion: 82 Resp: 279763

Ion Ratio Lower Upper

82 100

95 7.2 5.2 7.8

138 19.0 14.9 22.3



#26

2-Nitrophenol

Concen: 3.105 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF105139.D

Acq: 8 May 2018 11:40

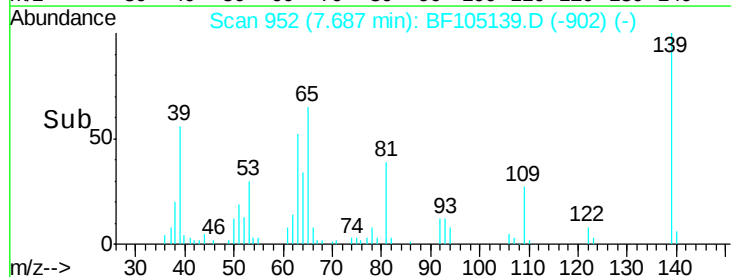
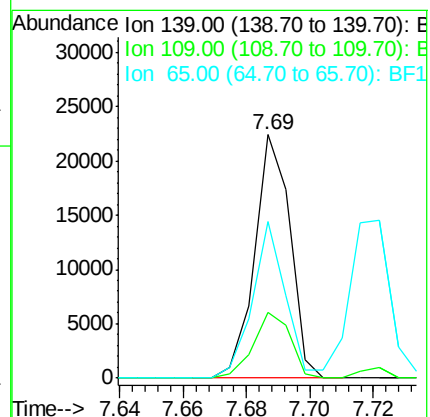
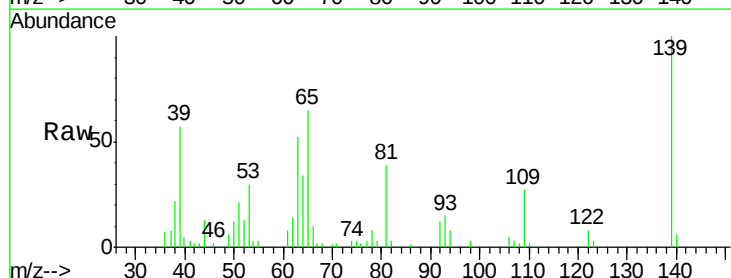
Tgt Ion: 139 Resp: 17392

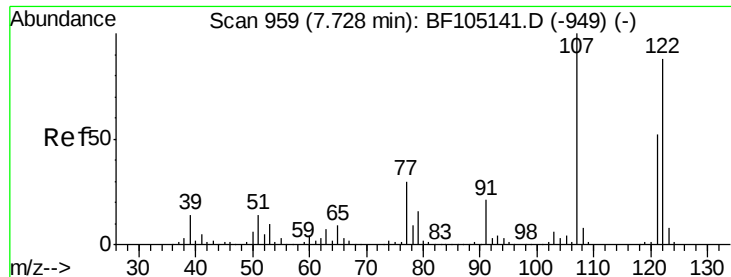
Ion Ratio Lower Upper

139 100

109 26.9 22.7 34.1

65 64.5 40.5 60.7#

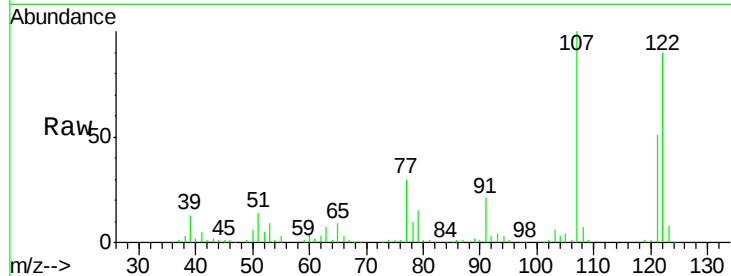




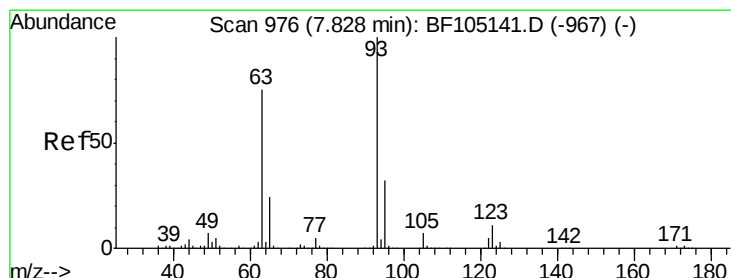
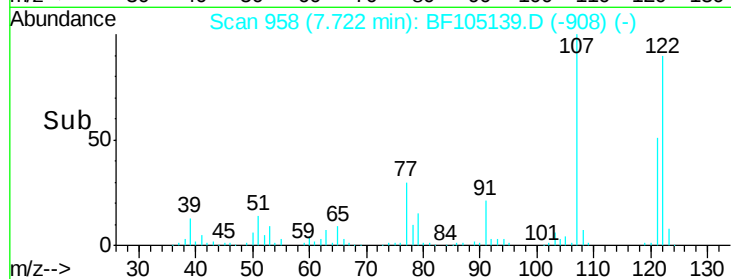
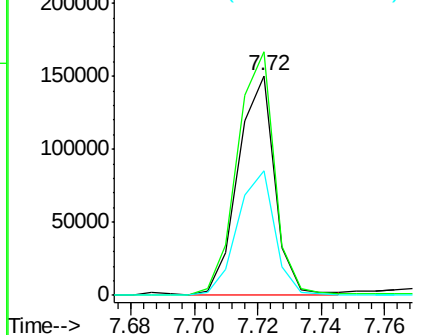
#27
2,4-Dimethylphenol
Concen: 10.417 ng
RT: 7.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 121158
Ion Ratio Lower Upper
122 100
107 110.8 91.2 136.8
121 56.8 47.2 70.8

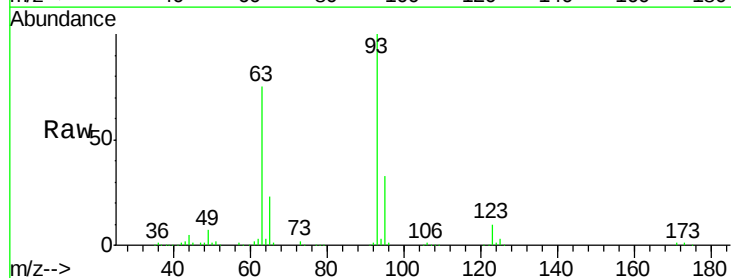


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

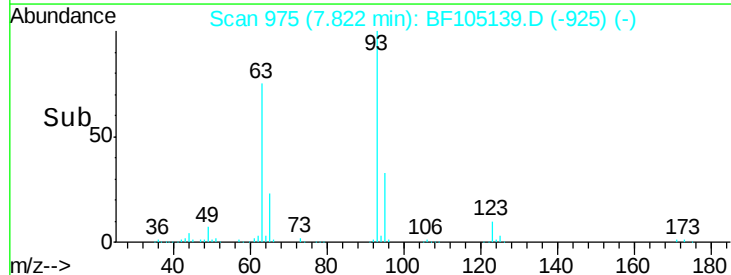
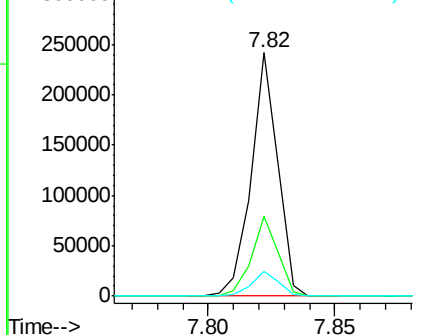


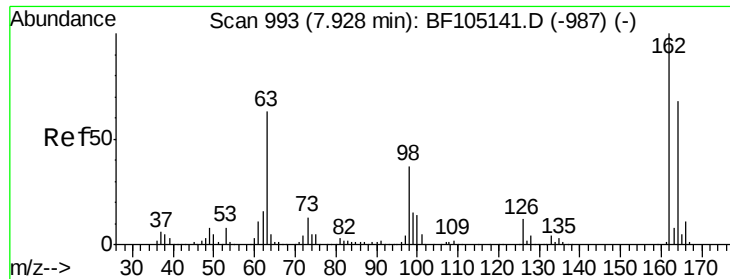
#28
bis(2-Chloroethoxy)methane
Concen: 10.930 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion: 93 Resp: 176120
Ion Ratio Lower Upper
93 100
95 32.7 26.3 39.5
123 10.4 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

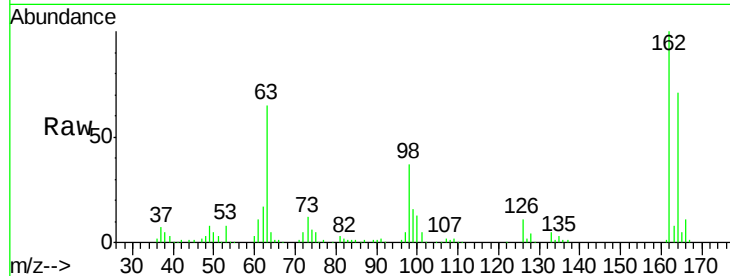




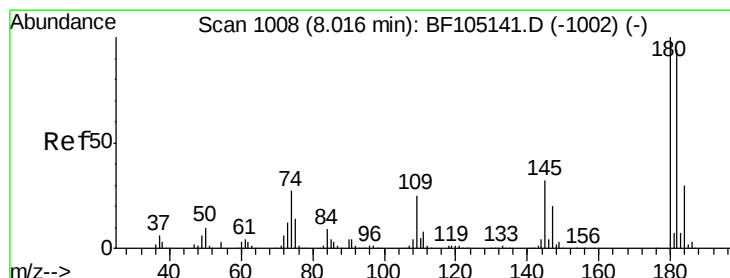
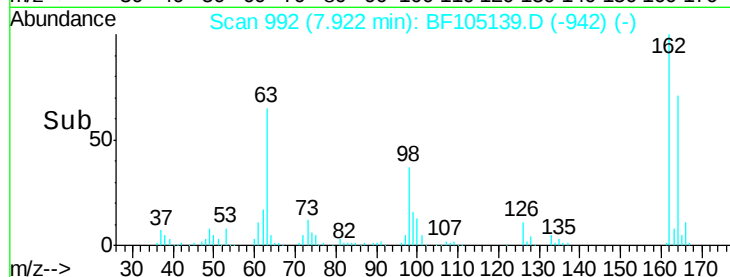
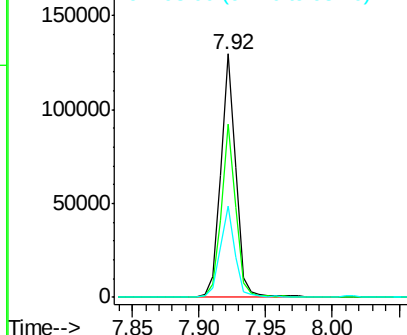
#29
 2,4-Dichlorophenol
 Concen: 9.419 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF105139.D
 Acq: 8 May 2018 11:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	71.2	42.7	82.7
98	37.4	18.1	58.1

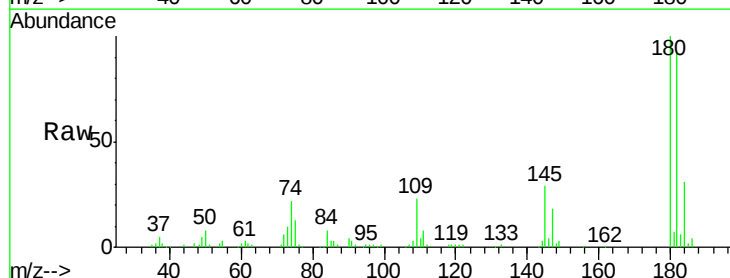


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

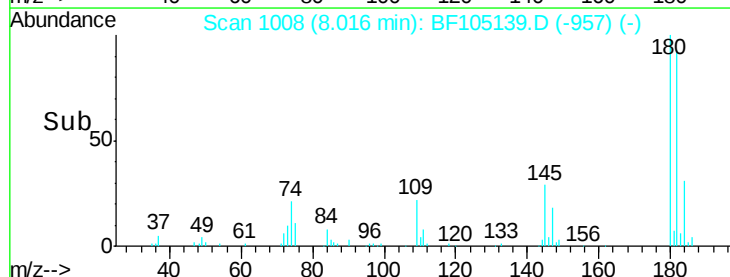
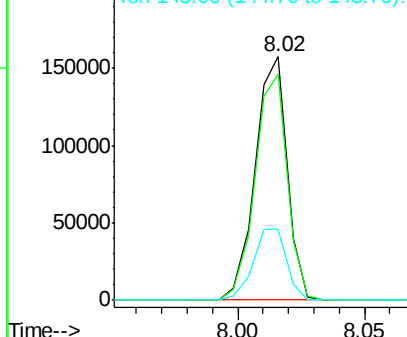


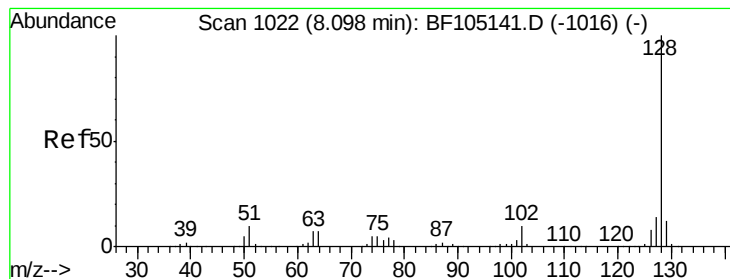
#30
 1,2,4-Trichlorobenzene
 Concen: 11.403 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BF105139.D
 Acq: 8 May 2018 11:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	76.8	115.2
145	29.1	26.5	39.7



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





#31

Naphthalene

Concen: 10.612 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF105139.D

Acq: 8 May 2018 11:40

Instrument :

BNA_F

ClientSampleId :

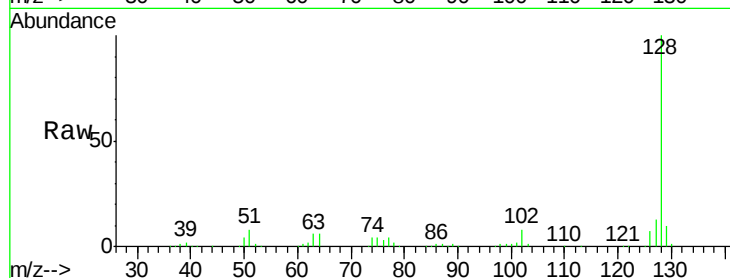
Tot Ion:128 Resp: 430034

Ion Ratio Lower Upper

128 100

129 10.2 8.8 13.2

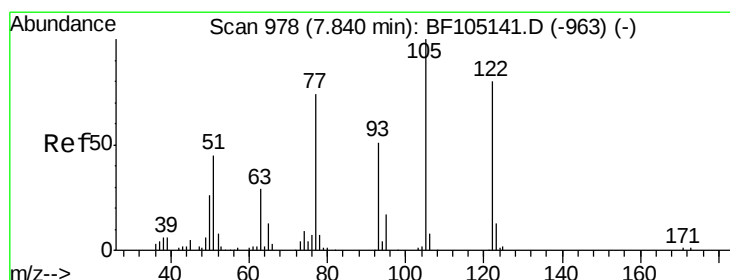
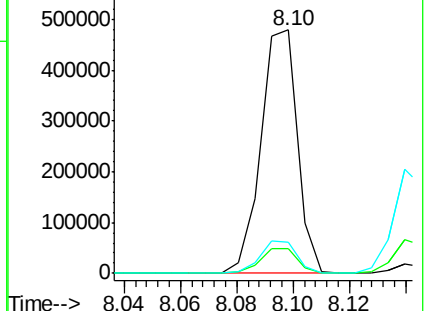
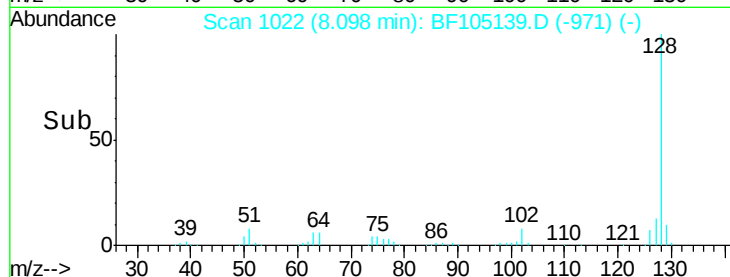
127 12.7 10.9 16.3



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: 2.073 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.05 min

Lab File: BF105139.D

Acq: 8 May 2018 11:40

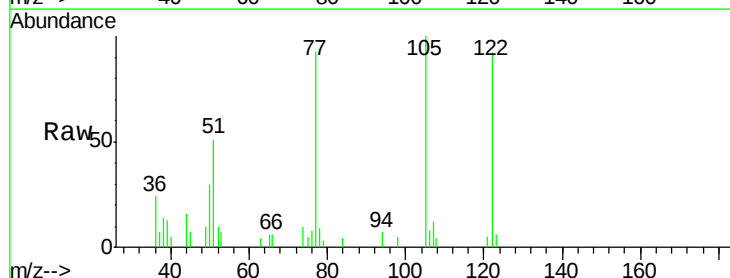
Tgt Ion:122 Resp: 19235

Ion Ratio Lower Upper

122 100

105 108.7 101.1 141.1

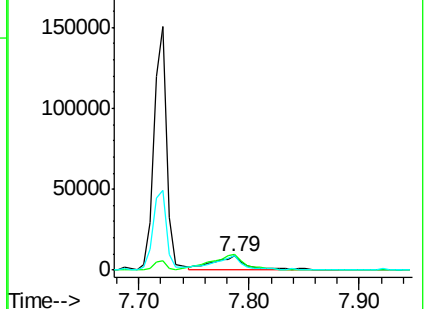
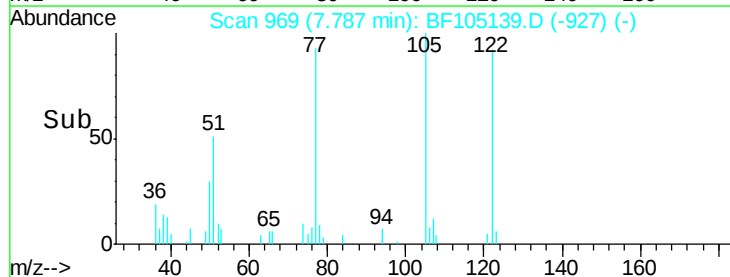
77 101.6 70.7 110.7

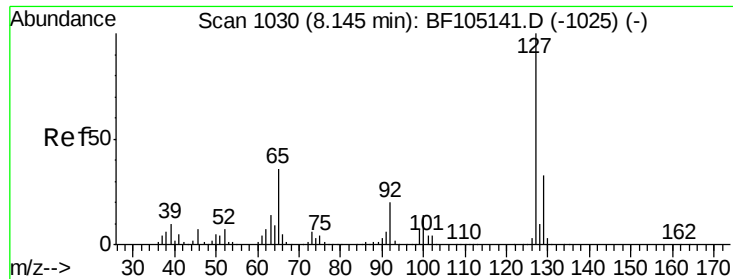


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

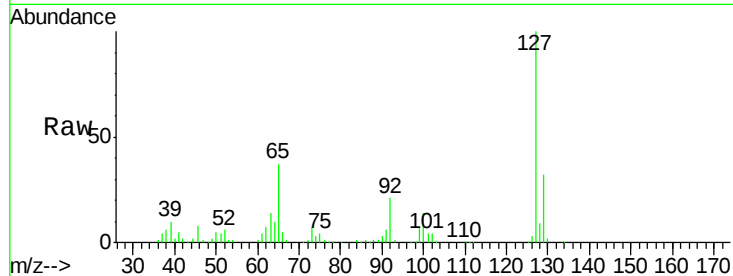




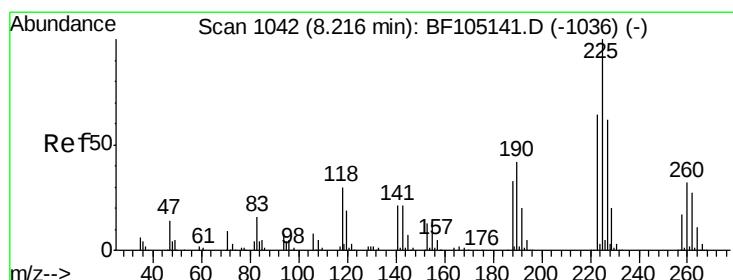
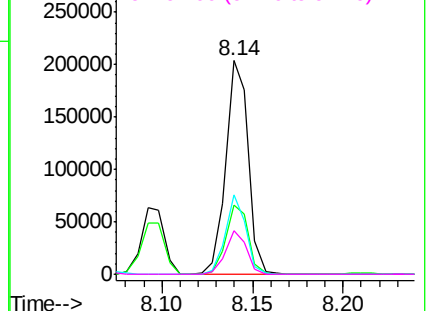
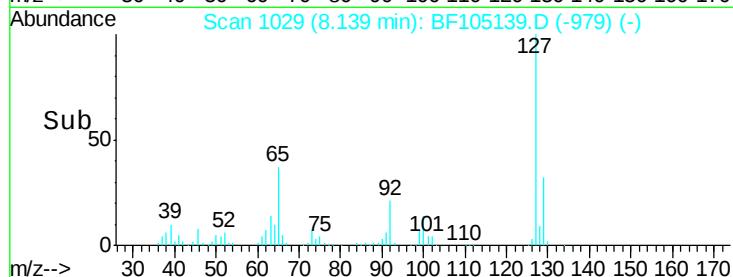
#33
4-Chloroaniline
Concen: 10.102 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	175383
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	37.3	25.0	37.4
92	20.6	15.2	22.8

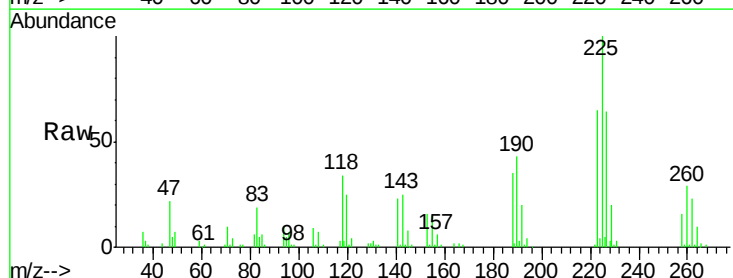


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

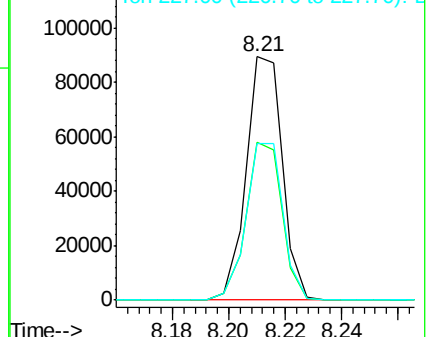
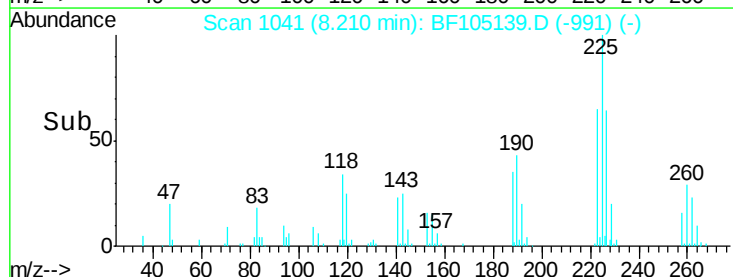


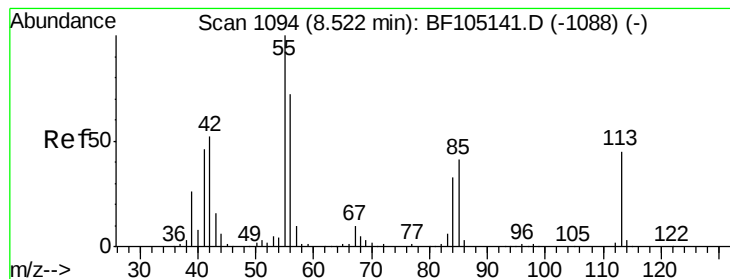
#34
Hexachlorobutadiene
Concen: 11.880 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:	225	Resp:	79251
Ion	Ratio	Lower	Upper
225	100		
223	64.8	50.6	76.0
227	64.3	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 6.920 ng

RT: 8.47 min Scan# 1086

Delta R.T. -0.05 min

Lab File: BF105139.D

Acq: 8 May 2018 11:40

Instrument :

BNA_F

ClientSampleId :

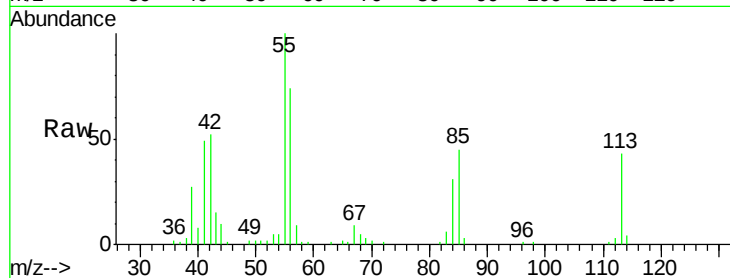
Tot Ion:113 Resp: 26791

Ion Ratio Lower Upper

113 100

55 235.1 163.3 203.3#

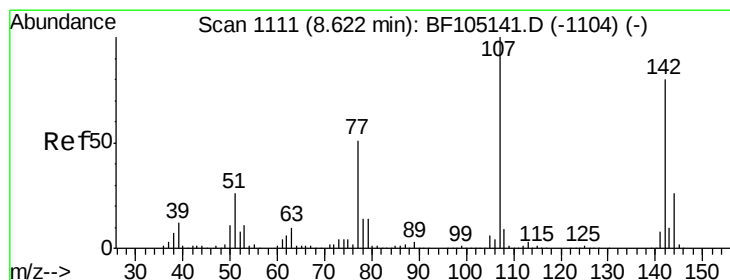
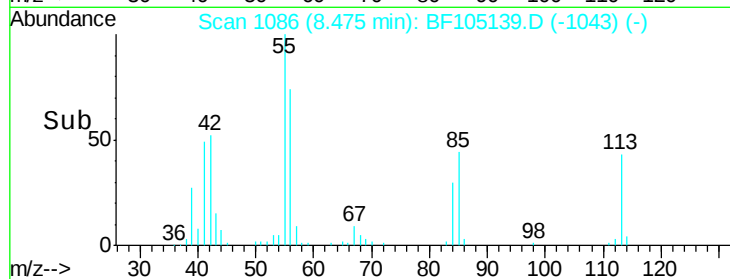
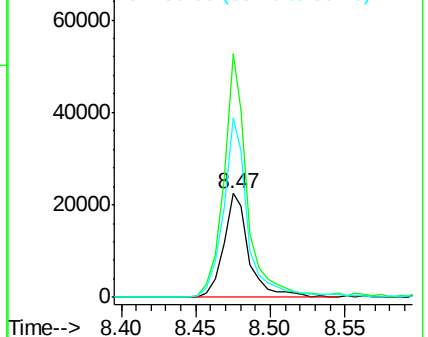
56 173.7 115.7 155.7#



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: 9.518 ng

RT: 8.61 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF105139.D

Acq: 8 May 2018 11:40

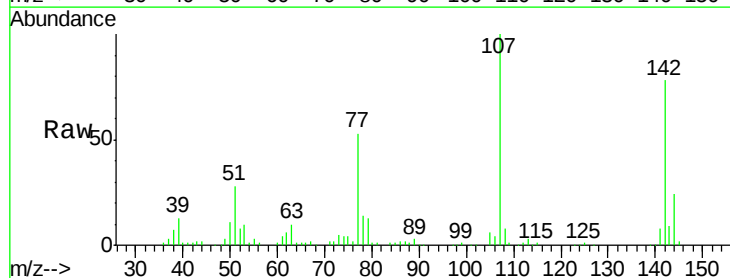
Tgt Ion:107 Resp: 113261

Ion Ratio Lower Upper

107 100

144 23.9 20.5 30.7

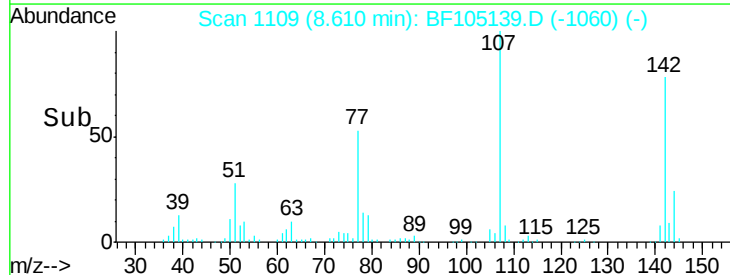
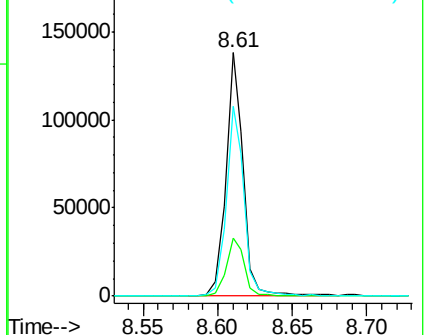
142 78.0 62.0 93.0

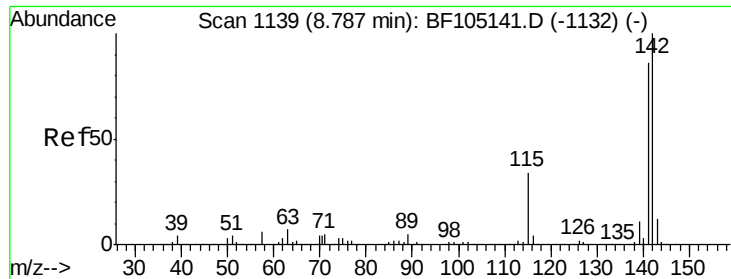


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

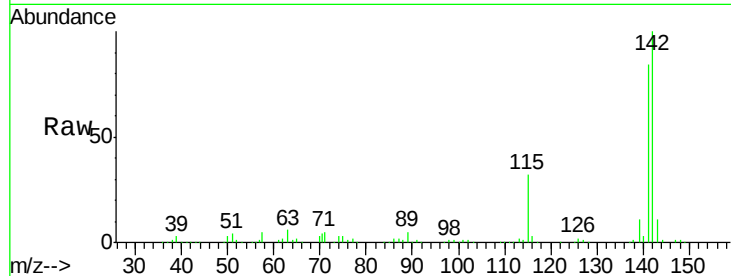




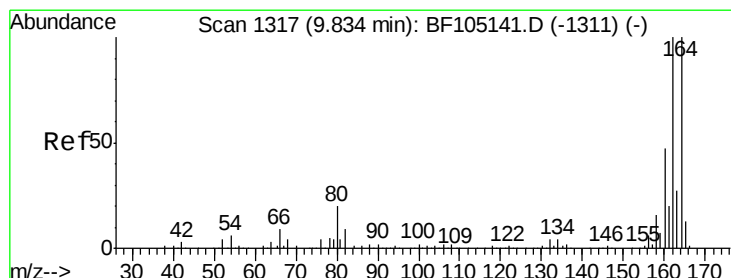
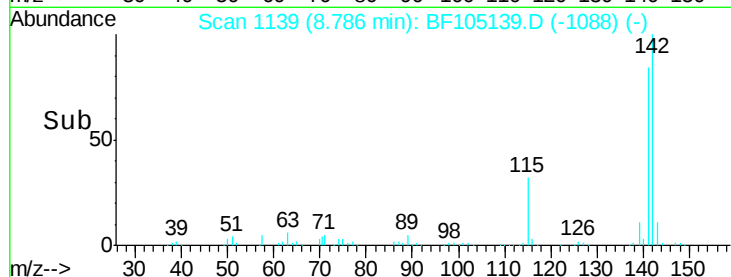
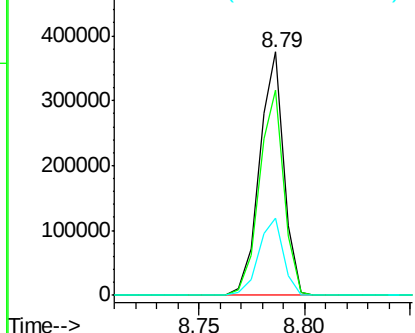
#37
 2-Methylnaphthalene
 Concen: 11.489 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BF105139.D
 Acq: 8 May 2018 11:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	84.3	70.8	106.2
115	31.5	26.1	39.1

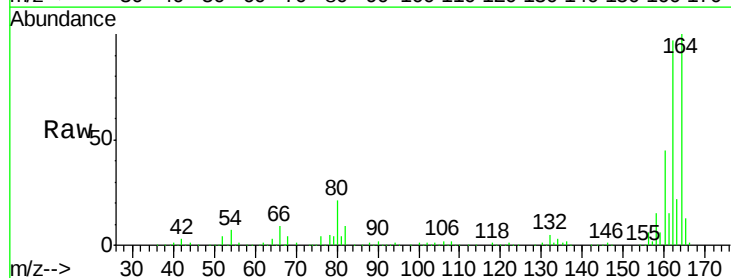


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

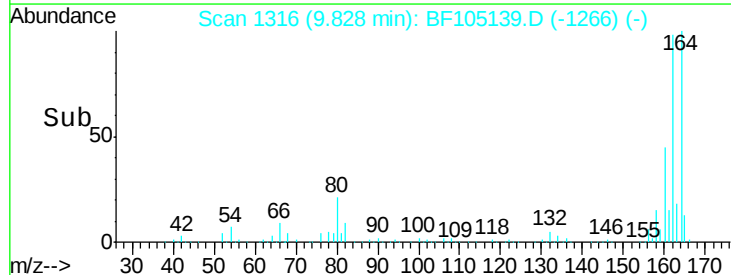
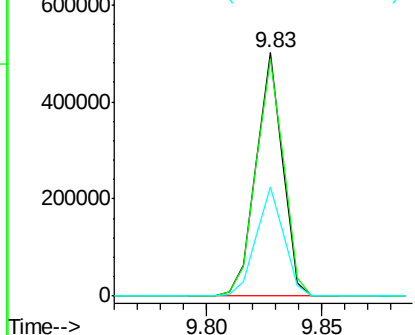


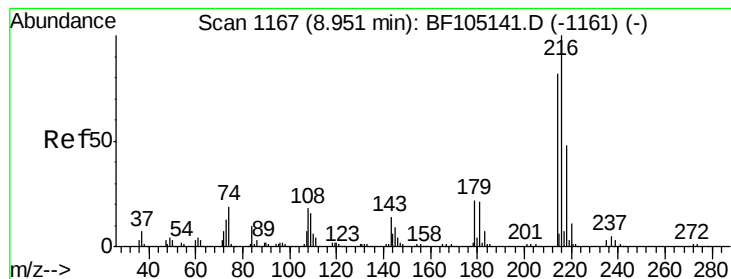
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF105139.D
 Acq: 8 May 2018 11:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.4	86.1	129.1
160	44.9	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: 12.069 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF105139.D

Acq: 8 May 2018 11:40

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 140178

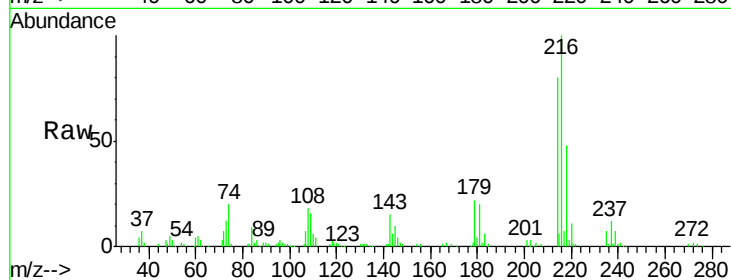
Ion Ratio Lower Upper

216 100

214 79.1 63.0 94.4

179 20.8 18.1 27.1

108 18.1 17.2 25.8

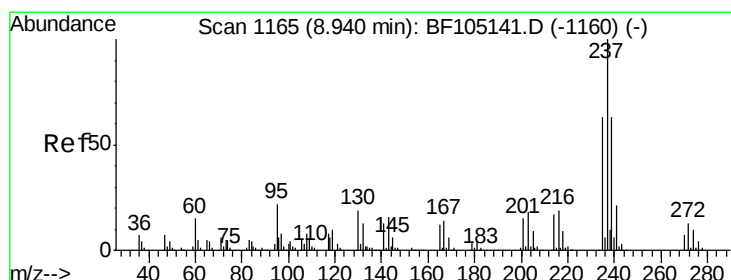
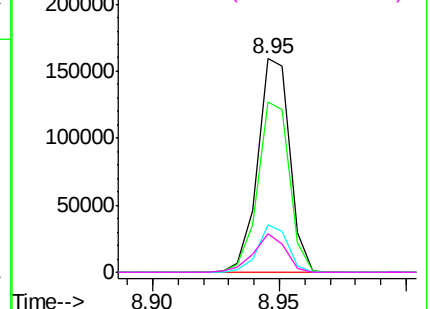
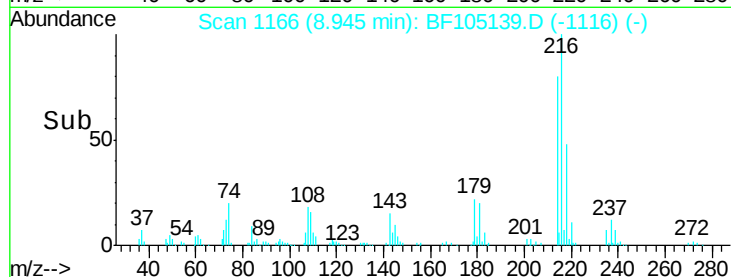


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 8.206 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF105139.D

Acq: 8 May 2018 11:40

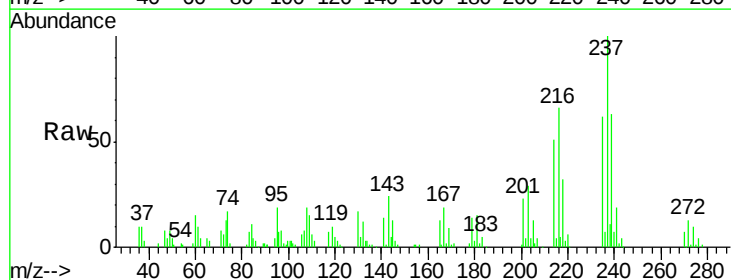
Tgt Ion:237 Resp: 53360

Ion Ratio Lower Upper

237 100

235 61.9 44.8 84.8

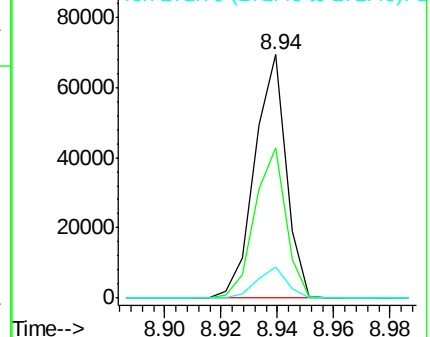
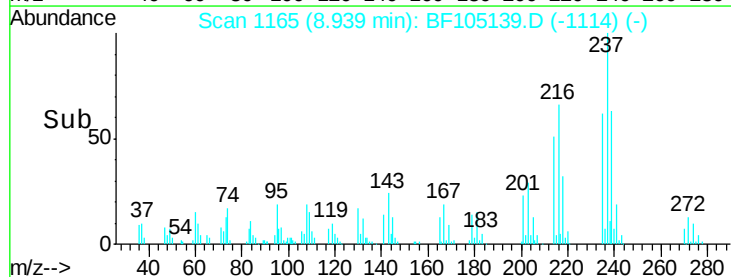
272 12.9 0.0 33.3

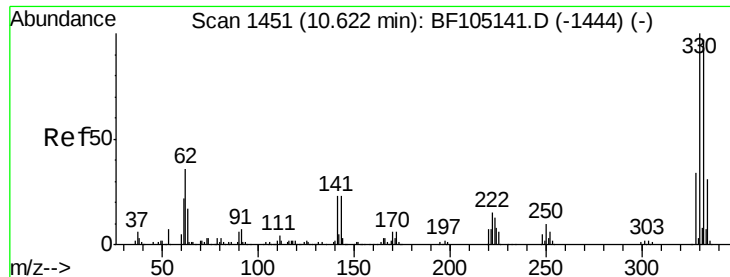


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

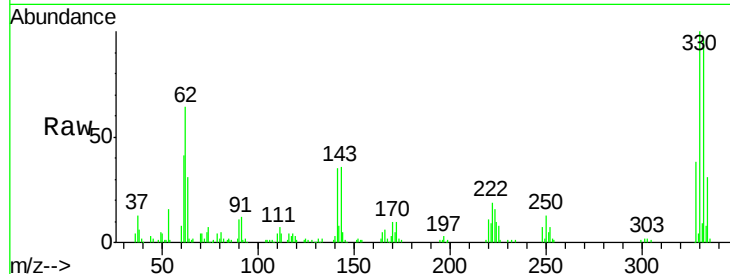




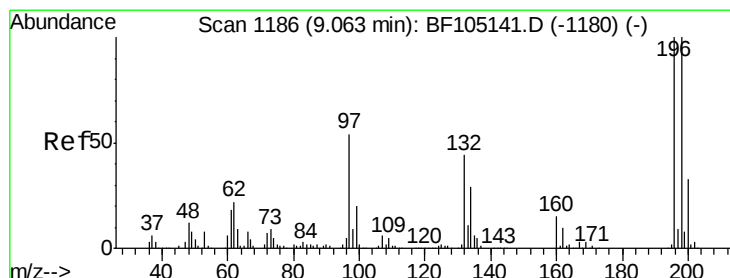
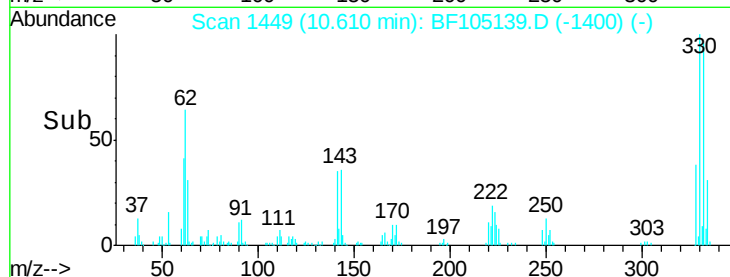
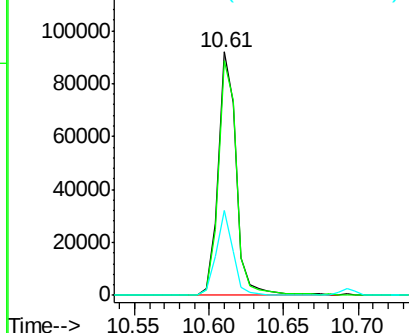
#41
 2,4,6-Tribromophenol
 Concen: 18.559 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF105139.D
 Acq: 8 May 2018 11:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 78116
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 32.2 29.9 44.9

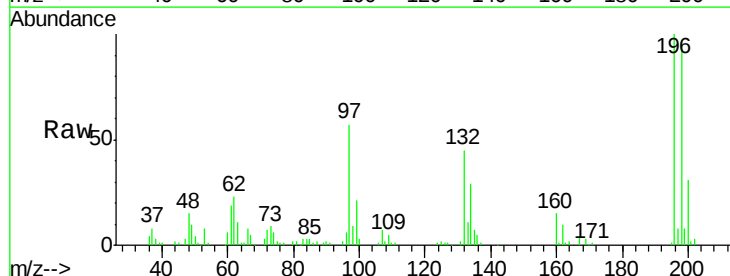


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

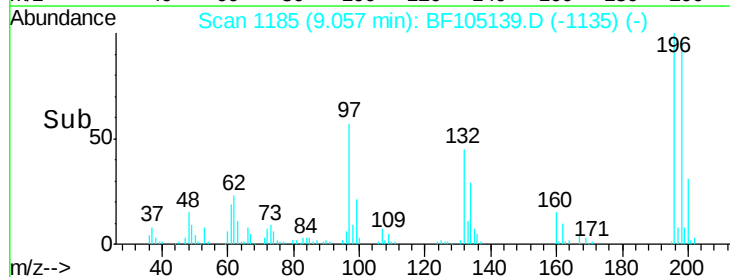
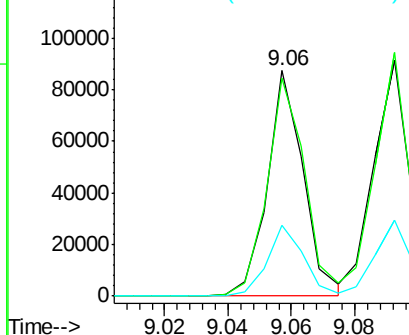


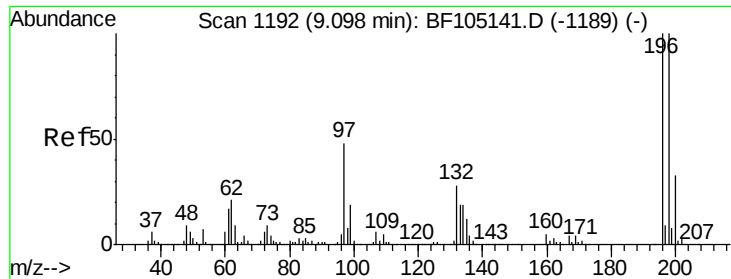
#42
 2,4,6-Trichlorophenol
 Concen: 8.596 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF105139.D
 Acq: 8 May 2018 11:40

Tgt Ion:196 Resp: 69312
 Ion Ratio Lower Upper
 196 100
 198 96.6 75.7 113.5
 200 31.2 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

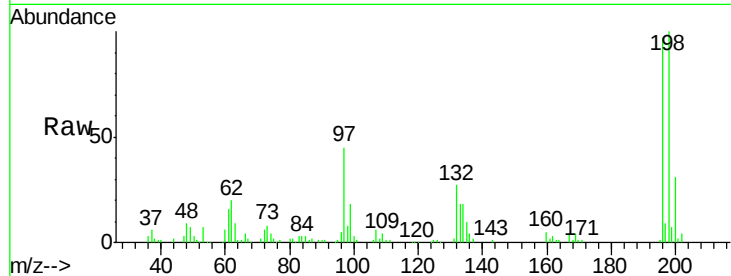




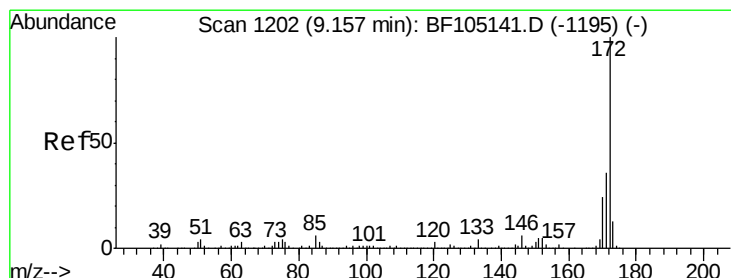
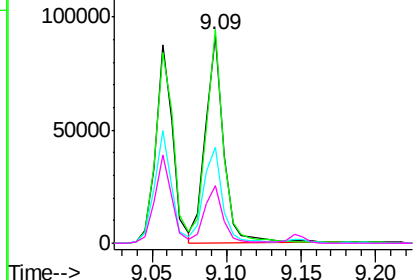
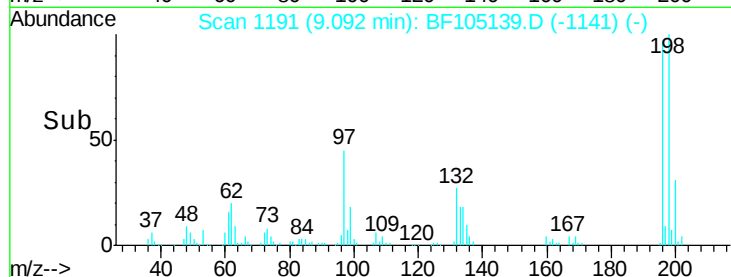
#43
2,4,5-Trichlorophenol
Concen: 8.517 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 76848
Ion Ratio Lower Upper
196 100
198 102.9 74.6 112.0
97 46.5 42.9 64.3
132 27.7 26.3 39.5

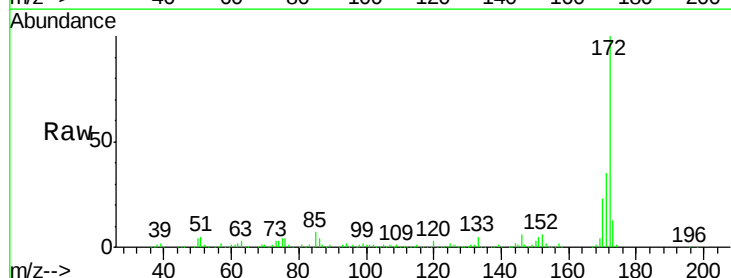


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

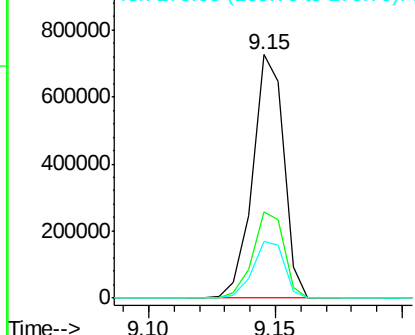
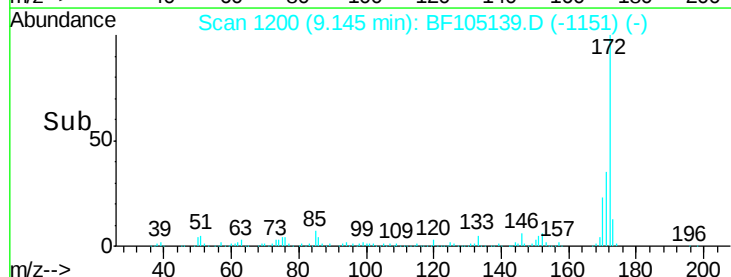


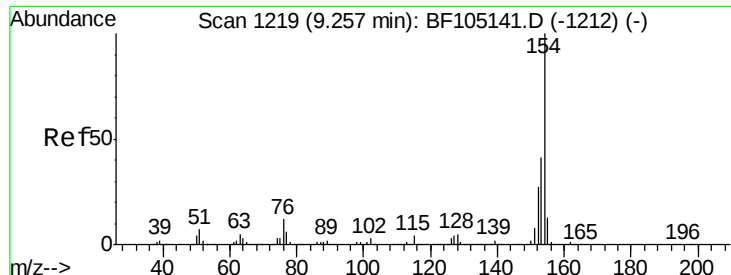
#44
2-Fluorobiphenyl
Concen: 24.320 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:172 Resp: 624655
Ion Ratio Lower Upper
172 100
171 35.3 29.7 44.5
170 23.4 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

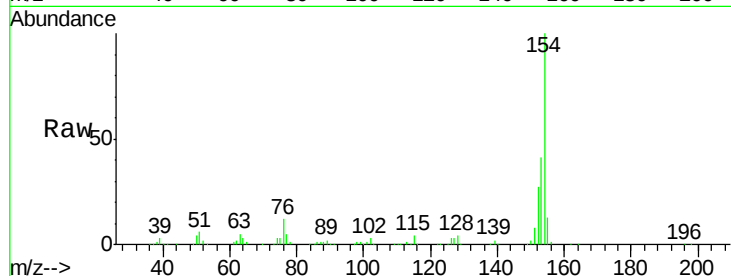




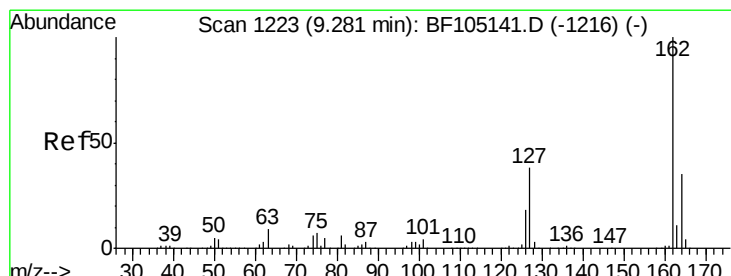
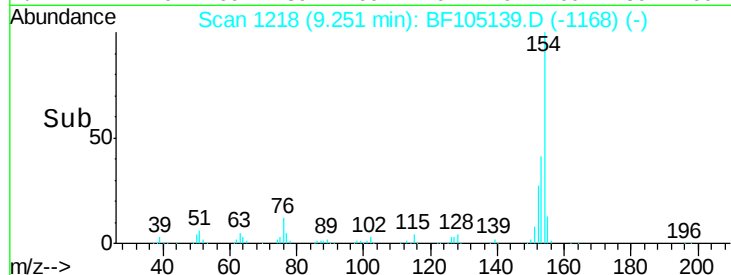
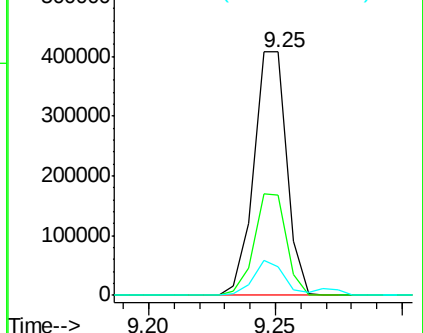
#45
 1,1'-Biphenyl
 Concen: 10.823 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF105139.D
 Acq: 8 May 2018 11:40

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:154 Resp: 368929
 Ion Ratio Lower Upper
 154 100
 153 41.1 21.3 61.3
 76 11.7 0.0 34.0

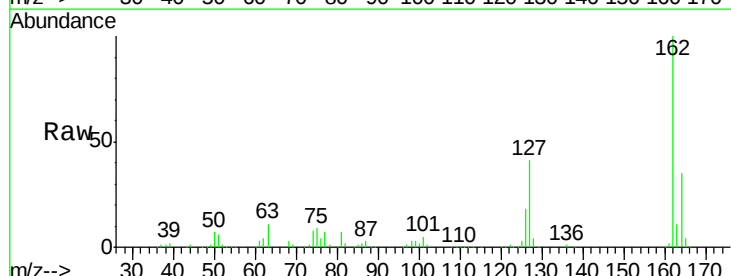


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

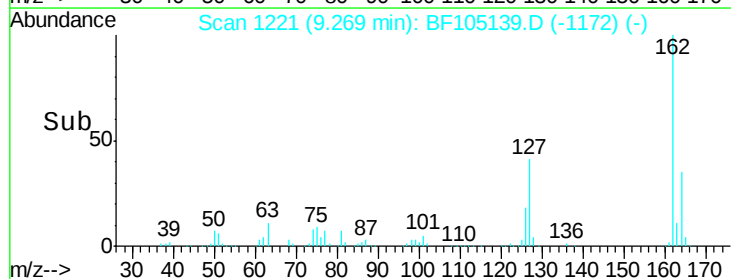
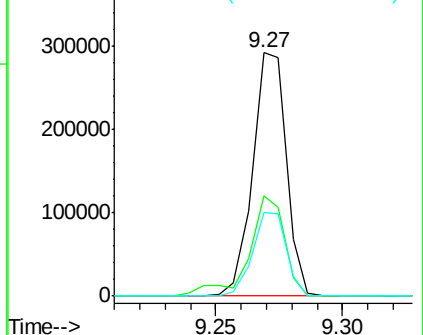


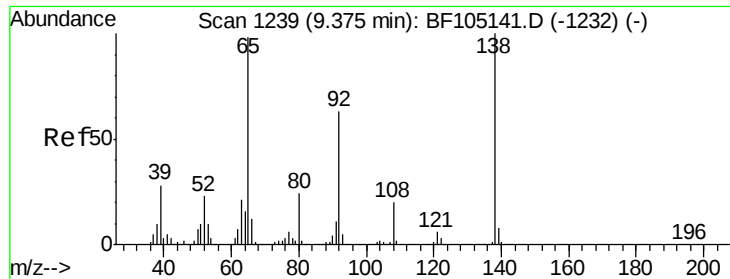
#46
 2-Chloronaphthalene
 Concen: 10.071 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF105139.D
 Acq: 8 May 2018 11:40

Tgt Ion:162 Resp: 271140
 Ion Ratio Lower Upper
 162 100
 127 41.0 33.9 50.9
 164 34.6 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

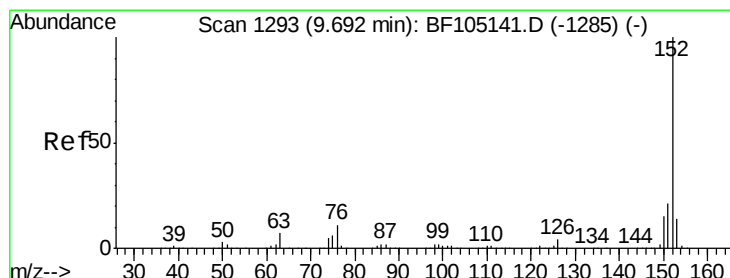
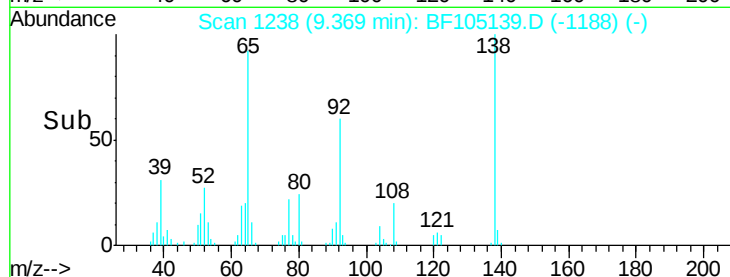
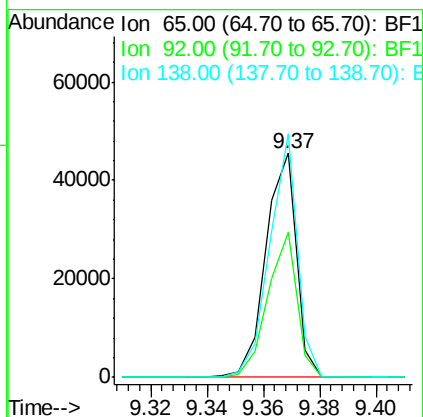
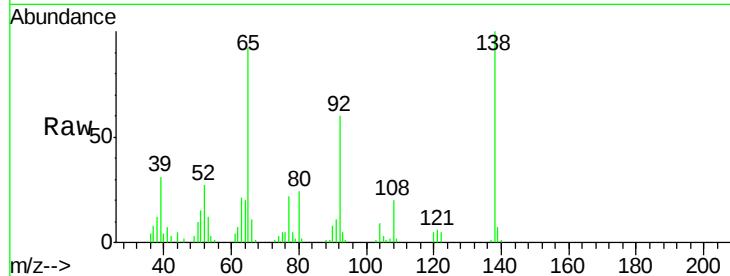




#47
2-Nitroaniline
Concen: 5.114 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

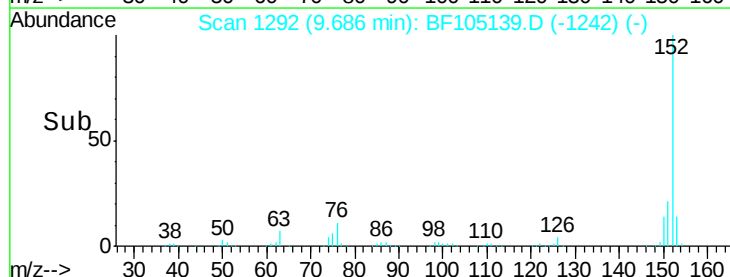
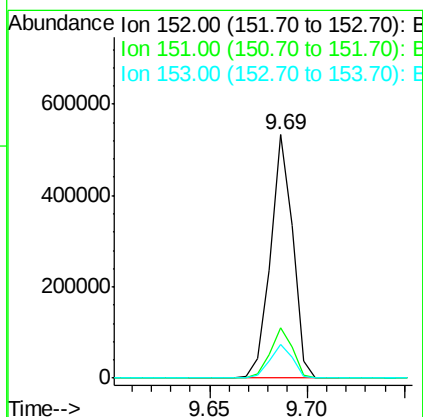
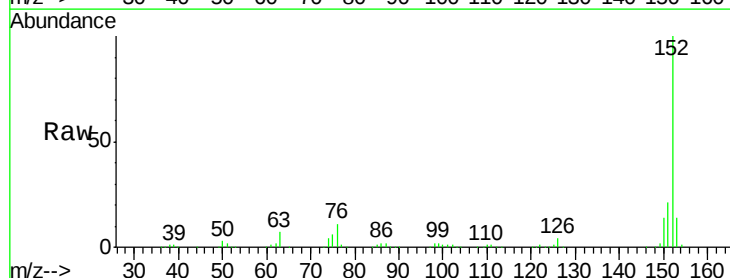
Instrument :
BNA_F
ClientSampleId :

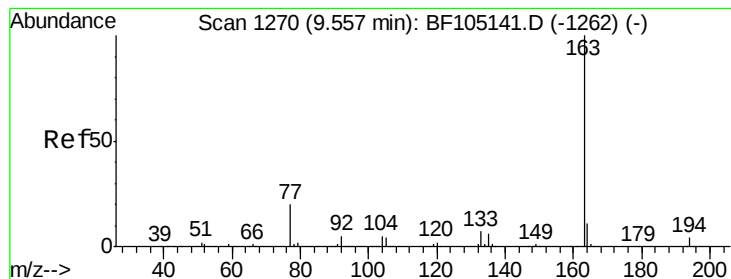
Tot Ion: 65 Resp: 34052
Ion Ratio Lower Upper
65 100
92 65.0 55.8 83.6
138 108.8 91.2 136.8



#48
Acenaphthylene
Concen: 9.986 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion: 152 Resp: 421836
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.8 10.7 16.1





#49

Dimethylphthalate

Concen: 9.127 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF105139.D

Acq: 8 May 2018 11:40

Instrument :

BNA_F

ClientSampleId :

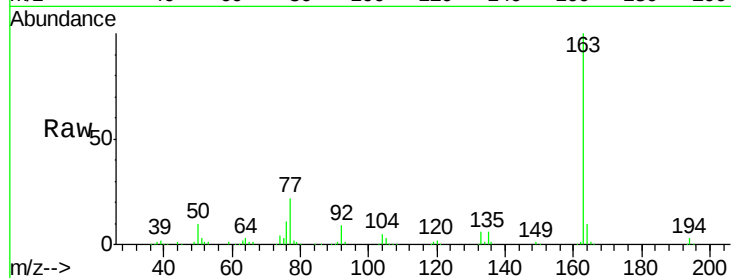
Tot Ion:163 Resp: 292023

Ion Ratio Lower Upper

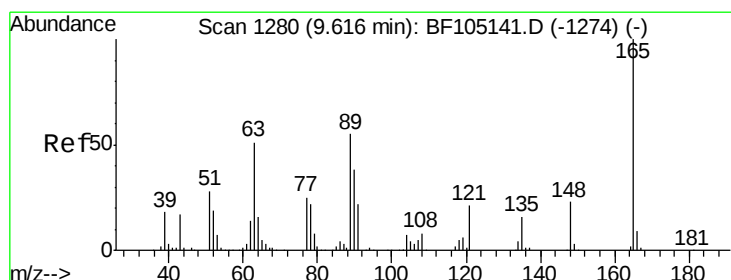
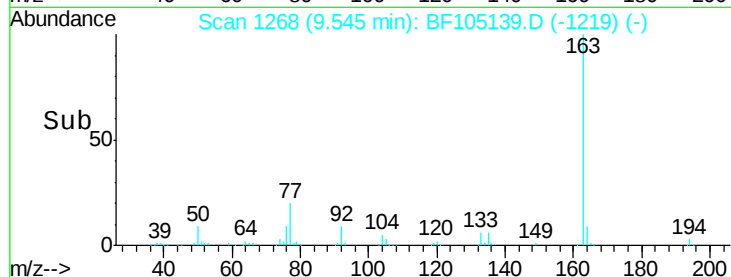
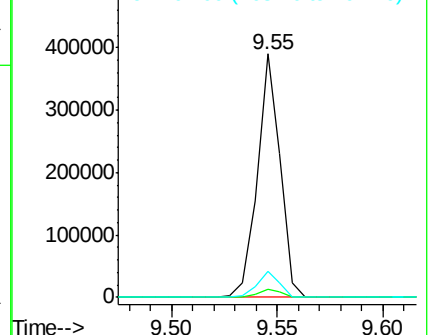
163 100

194 3.5 2.7 4.1

164 10.5 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: 7.798 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF105139.D

Acq: 8 May 2018 11:40

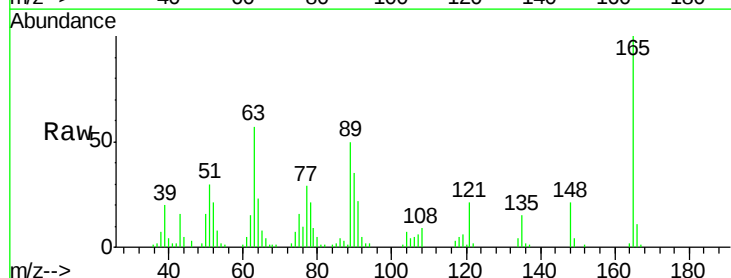
Tgt Ion:165 Resp: 46169

Ion Ratio Lower Upper

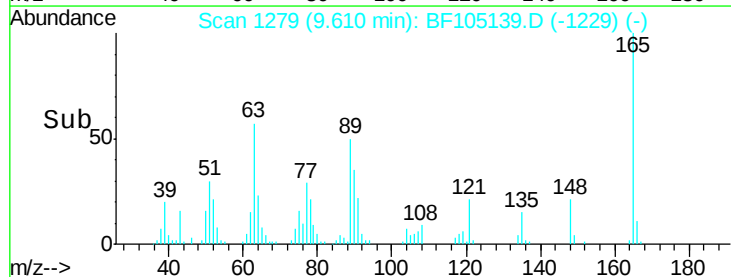
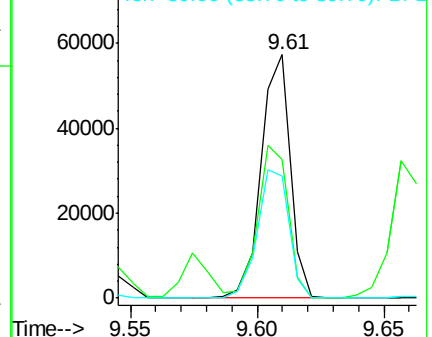
165 100

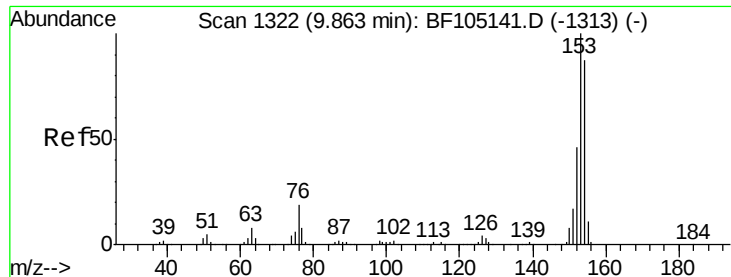
63 57.1 44.7 67.1

89 50.2 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: 10.271 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF105139.D

Acq: 8 May 2018 11:40

Instrument :

BNA_F

ClientSampleId :

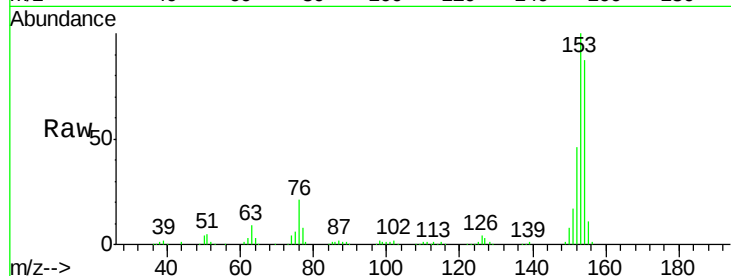
Tot Ion:154 Resp: 264732

Ion Ratio Lower Upper

154 100

153 114.4 91.2 136.8

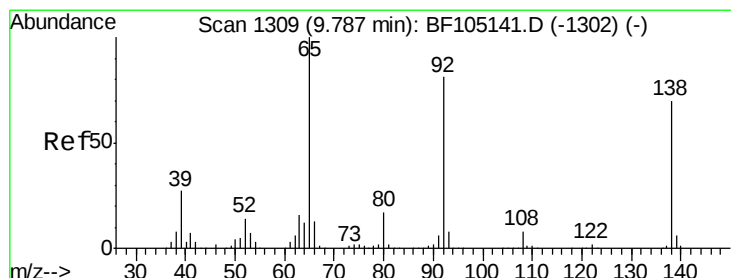
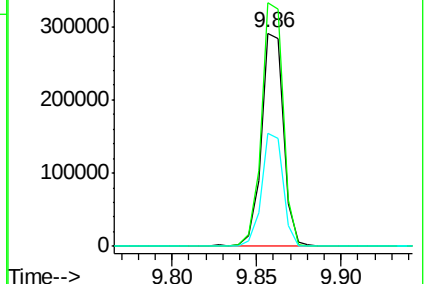
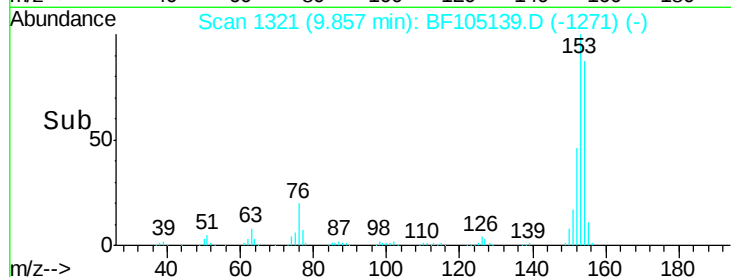
152 52.9 43.8 65.8



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: 7.124 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF105139.D

Acq: 8 May 2018 11:40

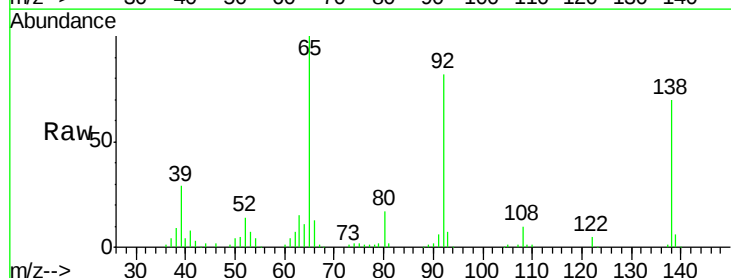
Tgt Ion:138 Resp: 49377

Ion Ratio Lower Upper

138 100

108 14.6 9.4 14.0#

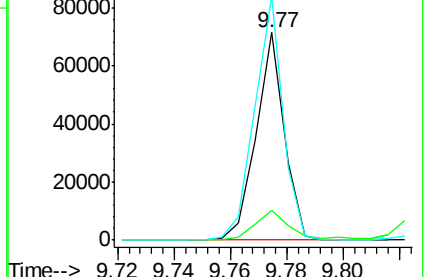
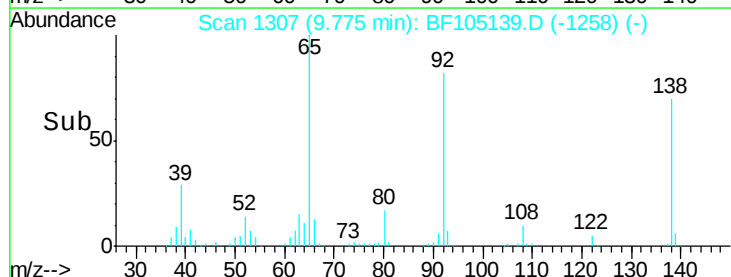
92 117.5 89.4 134.2

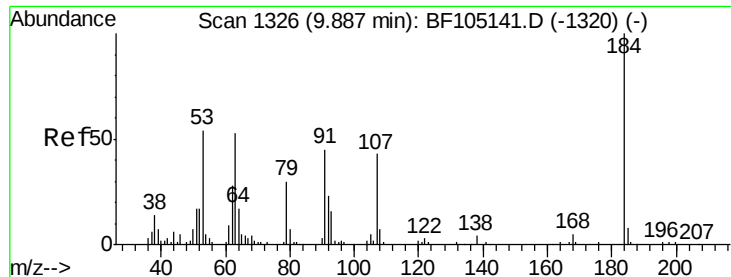


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

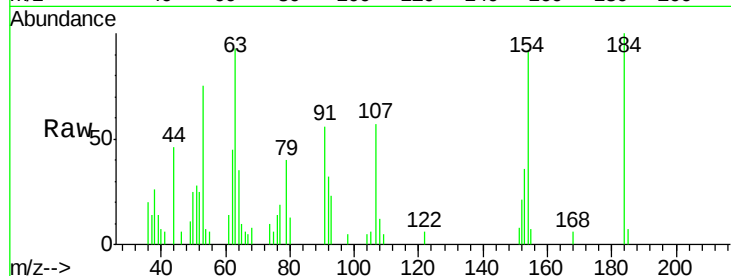




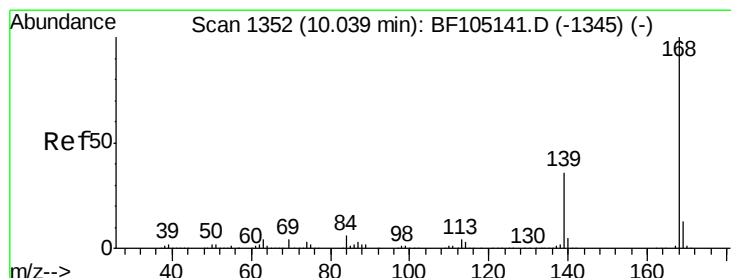
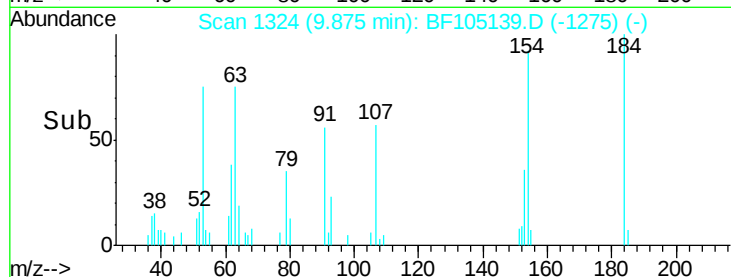
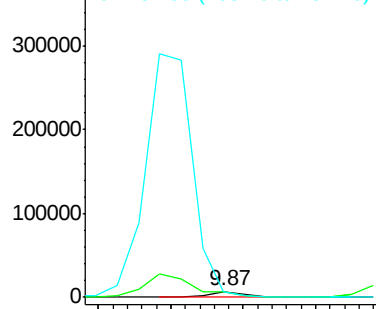
#53
2,4-Dinitrophenol
Concen: 2.627 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 4728
Ion Ratio Lower Upper
184 100
63 92.6 54.2 81.2#
154 92.3 184.0 276.0#

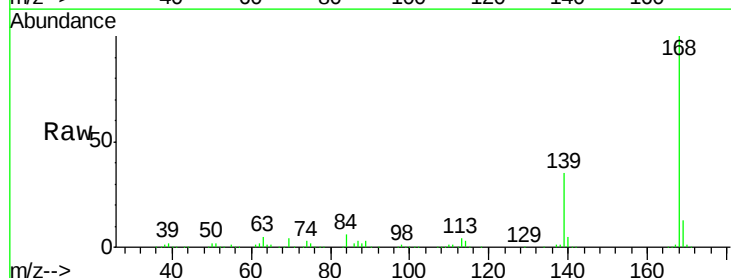


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

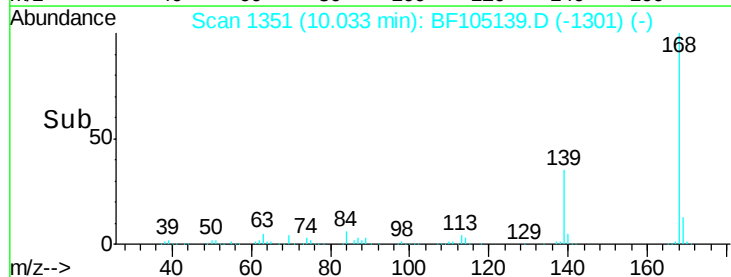
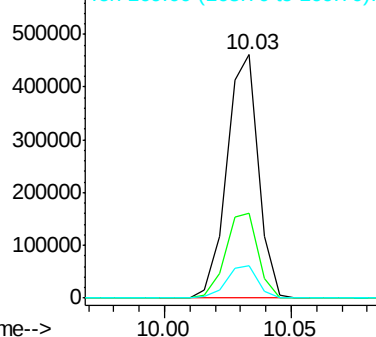


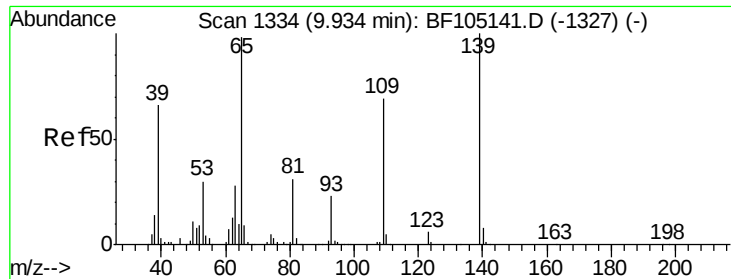
#54
Dibenzofuran
Concen: 11.130 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:168 Resp: 399781
Ion Ratio Lower Upper
168 100
139 34.9 30.1 45.1
169 13.3 10.9 16.3



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

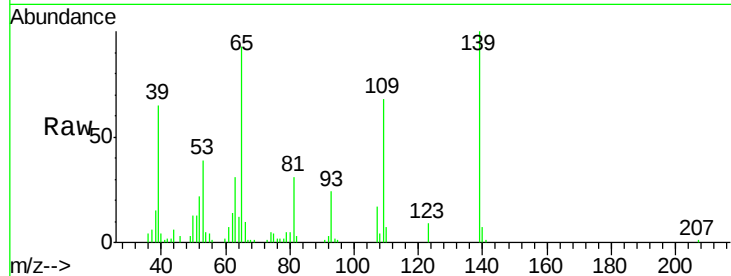




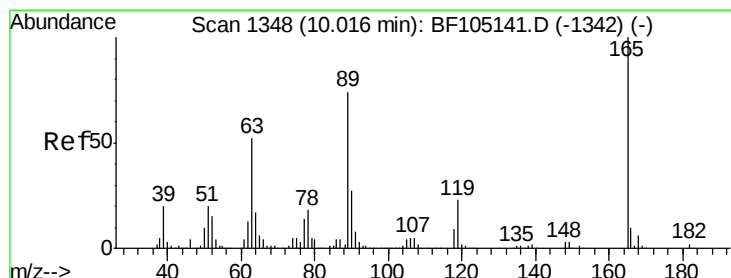
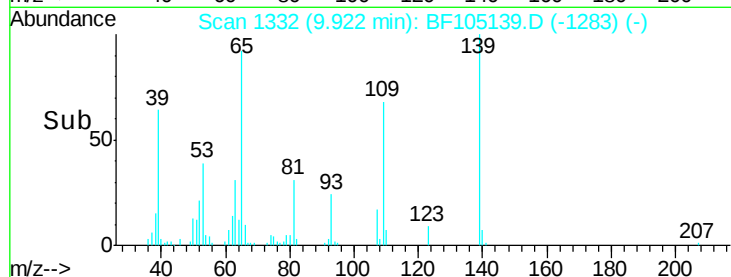
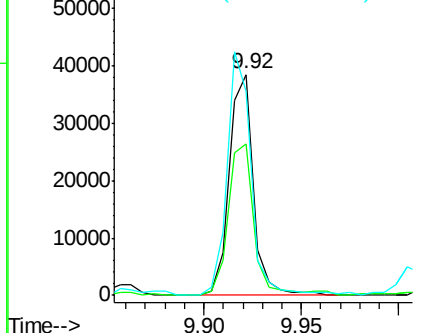
#55
4-Nitrophenol
Concen: 6.037 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 32872
Ion Ratio Lower Upper
139 100
109 68.5 48.4 88.4
65 92.6 72.6 112.6

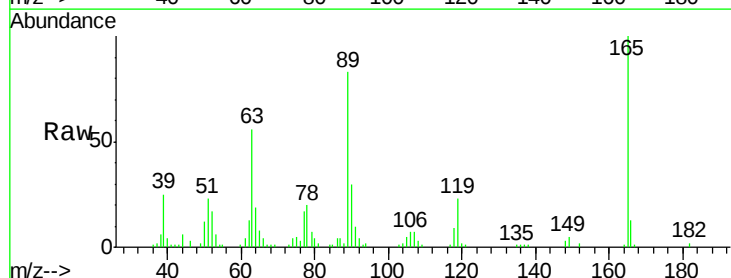


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

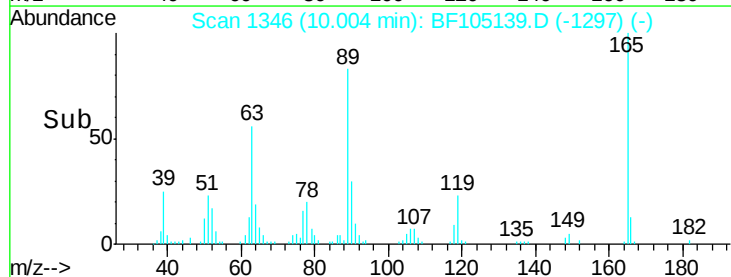
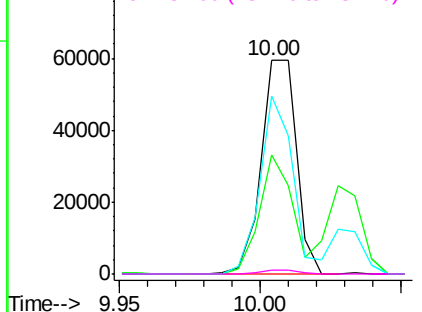


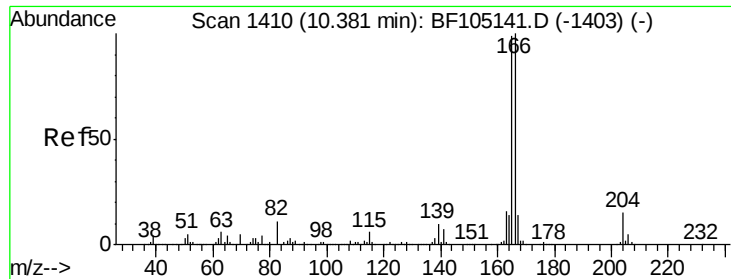
#56
2,4-Dinitrotoluene
Concen: 6.632 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:165 Resp: 51508
Ion Ratio Lower Upper
165 100
63 56.0 36.4 54.6#
89 83.4 57.8 86.6
182 2.0 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

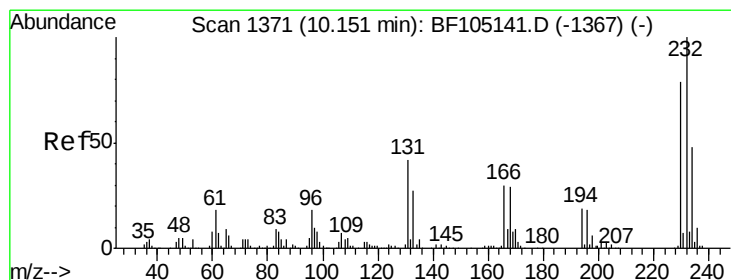
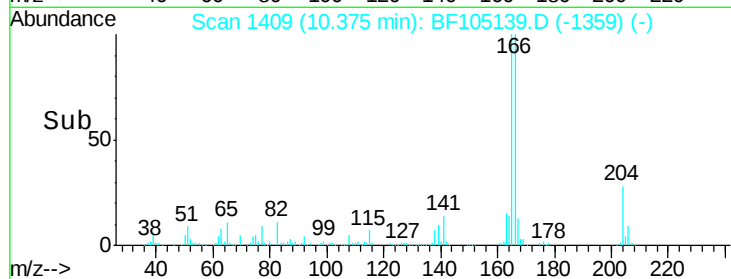
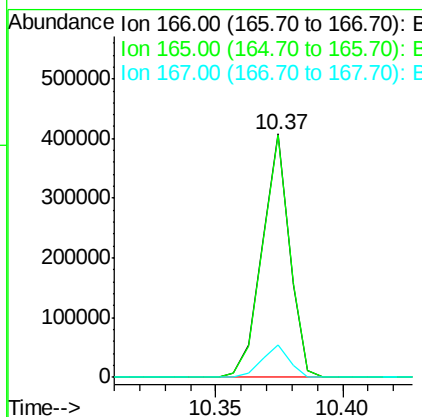
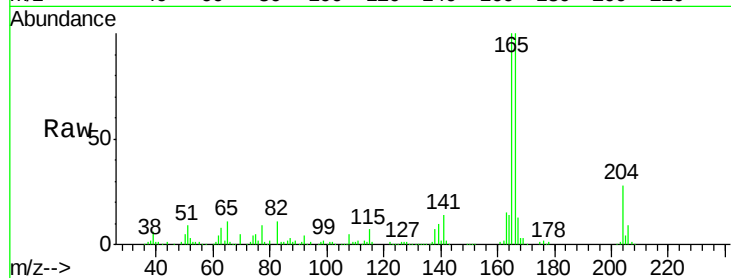




#57
 Fluorene
 Concen: 11.842 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF105139.D
 Acq: 8 May 2018 11:40

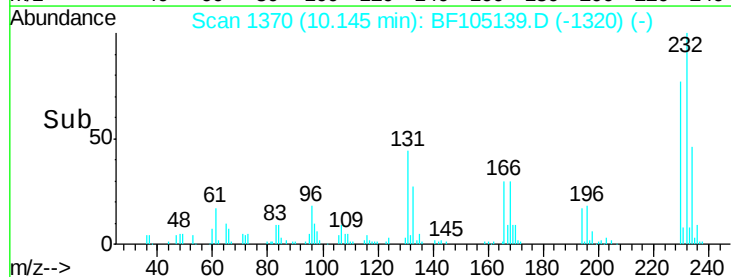
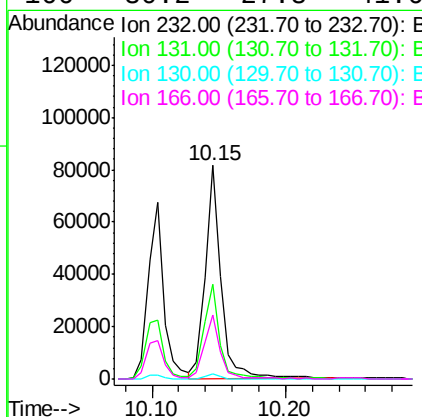
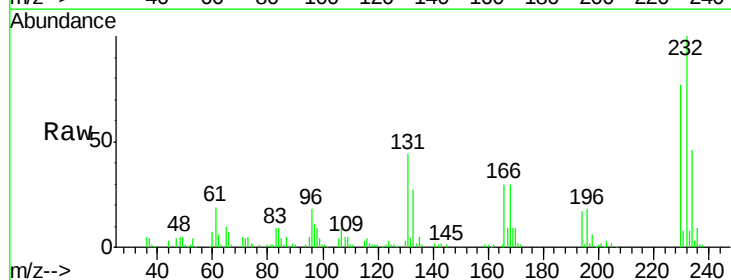
Instrument :
 BNA_F
 ClientSampleId :

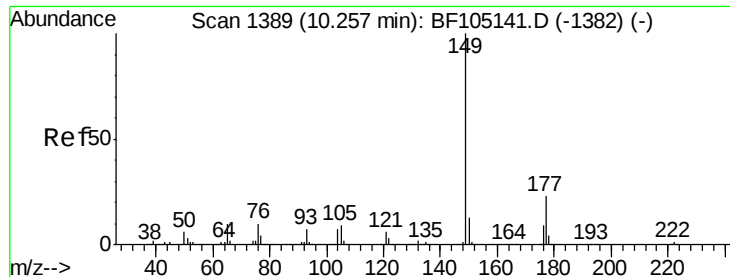
Tot Ion:166 Resp: 309593
 Ion Ratio Lower Upper
 166 100
 165 99.7 79.8 119.8
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 10.047 ng
 RT: 10.15 min Scan# 1370
 Delta R.T. -0.01 min
 Lab File: BF105139.D
 Acq: 8 May 2018 11:40

Tgt Ion:232 Resp: 67632
 Ion Ratio Lower Upper
 232 100
 131 44.1 43.8 65.8
 130 2.1 2.1 3.1
 166 30.2 27.8 41.6

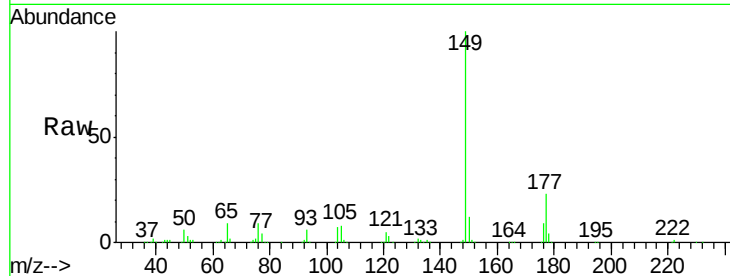




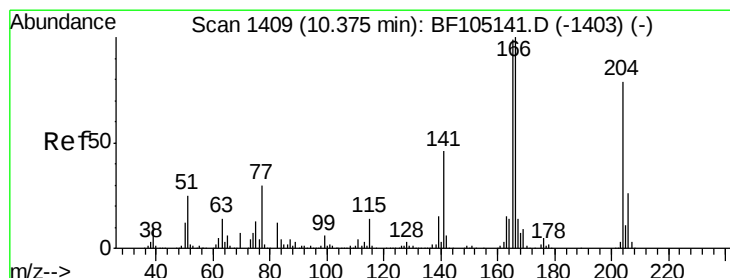
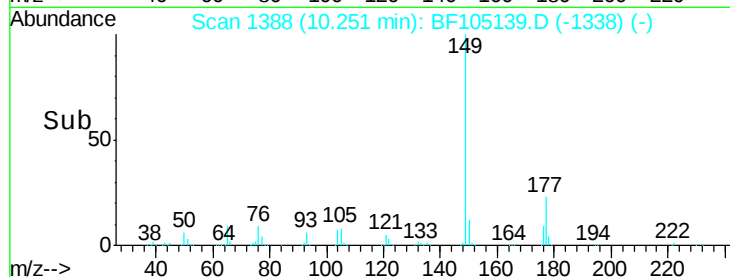
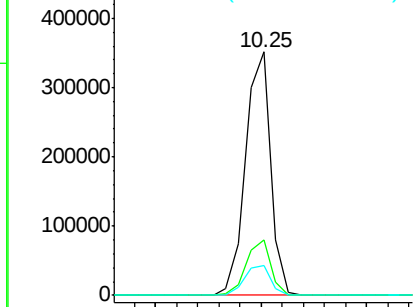
#59
Diethylphthalate
Concen: 9.104 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 290103
Ion Ratio Lower Upper
149 100
177 22.8 16.1 24.1
150 12.2 10.1 15.1

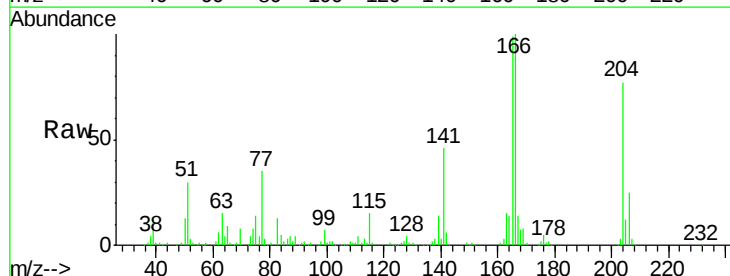


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

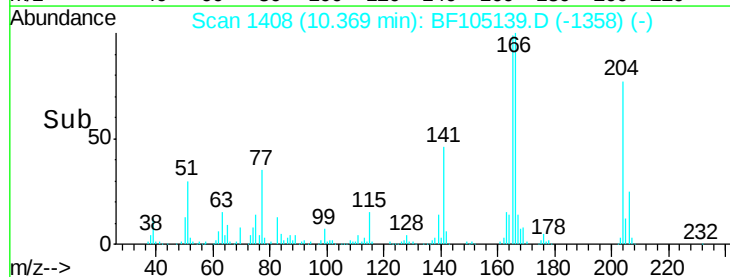
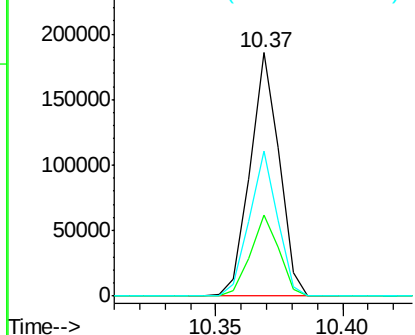


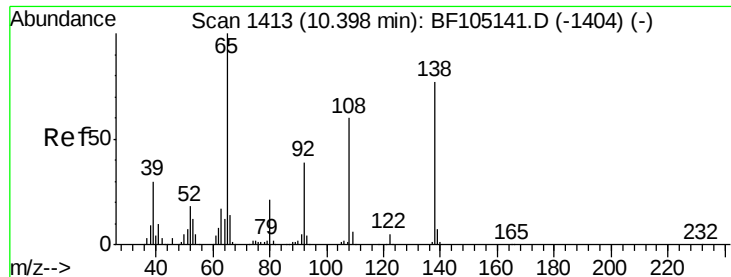
#60
4-Chlorophenyl-phenylether
Concen: 12.728 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:204 Resp: 148189
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 59.7 54.6 81.8



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

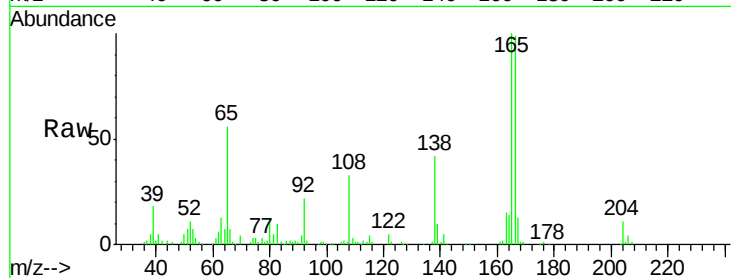




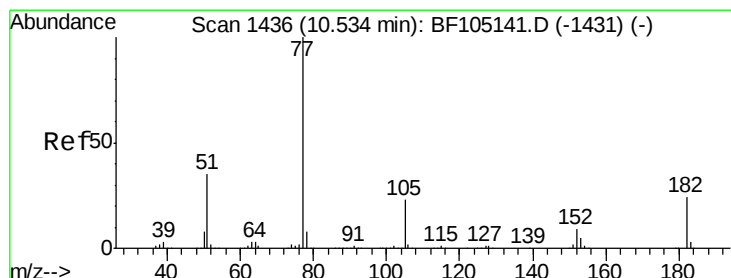
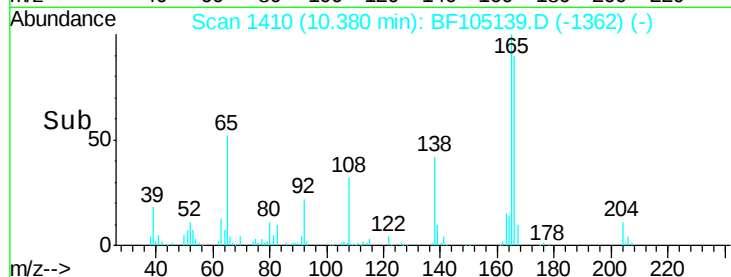
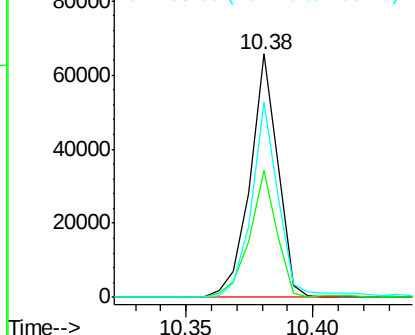
#61
4-Nitroaniline
Concen: 7.398 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 50135
Ion Ratio Lower Upper
138 100
92 52.4 30.2 70.2
108 79.9 52.5 92.5

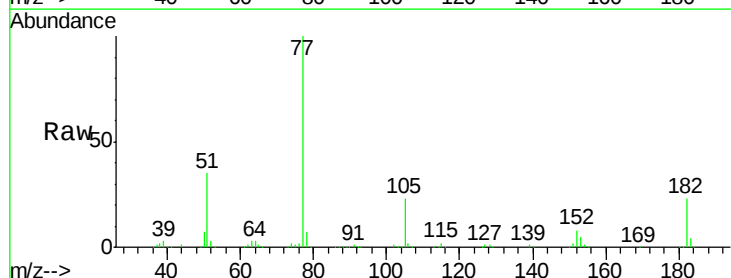


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

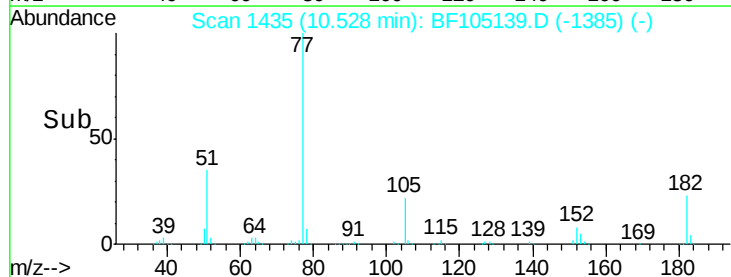
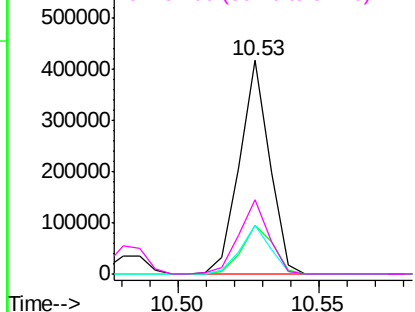


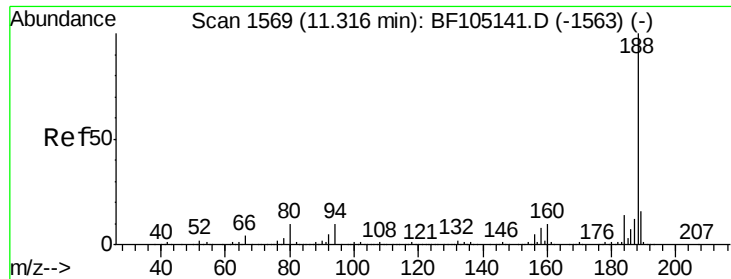
#62
Azobenzene
Concen: 10.153 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion: 77 Resp: 309113
Ion Ratio Lower Upper
77 100
182 22.7 1.7 41.7
105 22.6 3.0 43.0
51 34.7 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

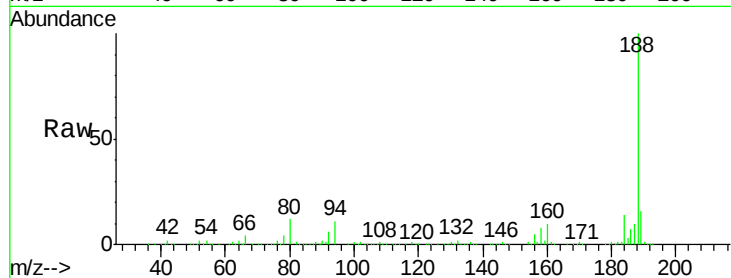




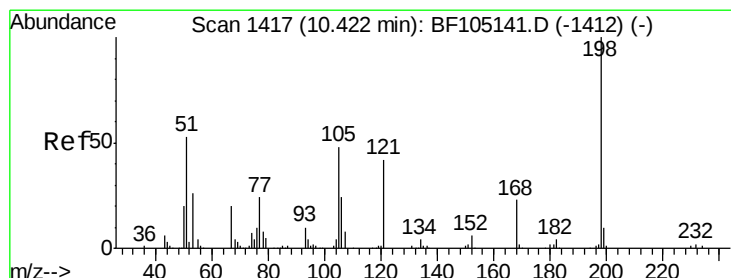
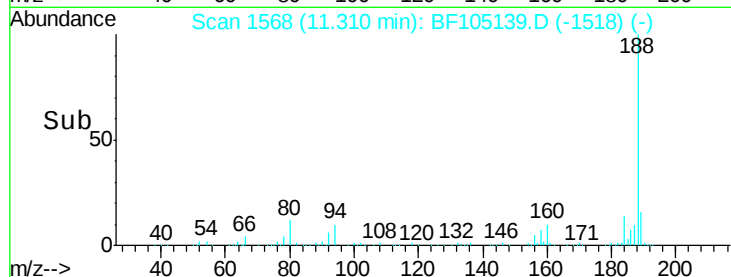
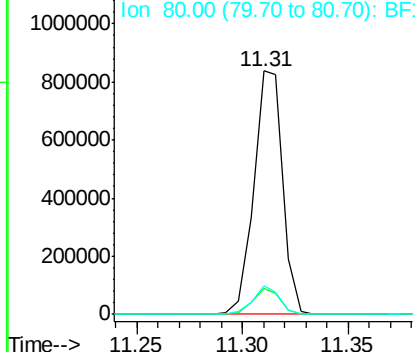
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 796132
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.7 9.2 13.8

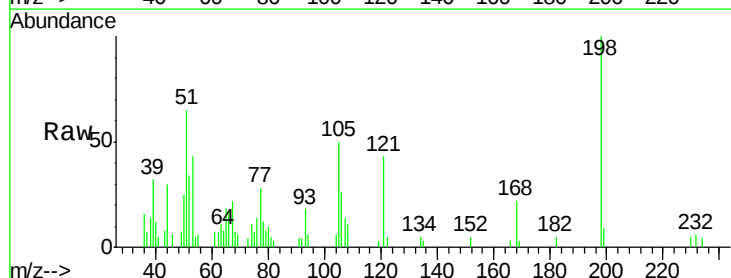


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

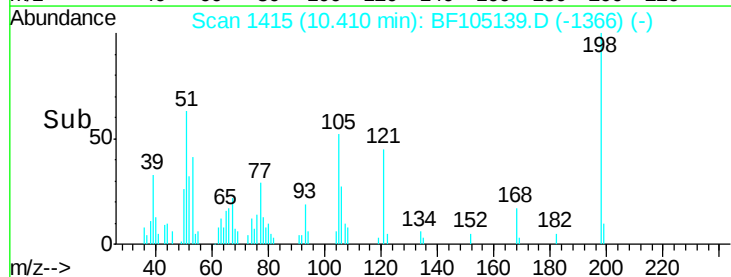
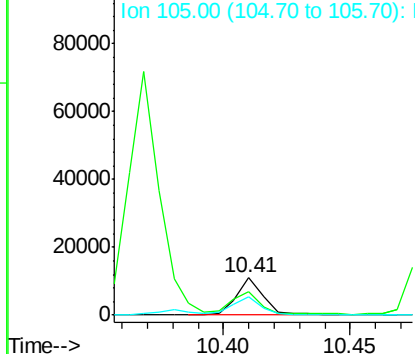


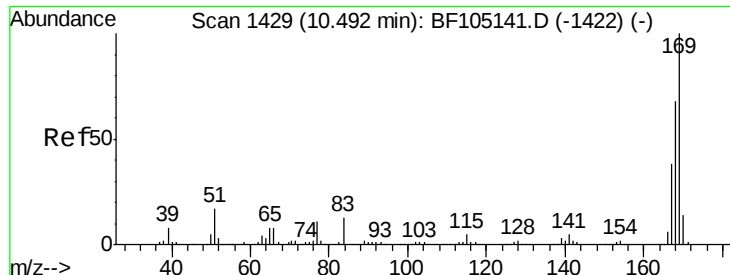
#64
4,6-Dinitro-2-methylphenol
Concen: 2.316 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:198 Resp: 8010
Ion Ratio Lower Upper
198 100
51 64.7 37.7 77.7
105 50.2 36.3 76.3



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

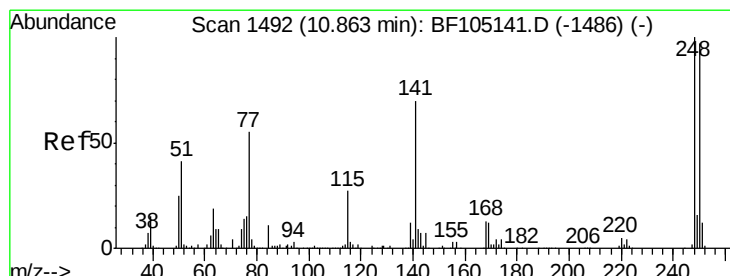
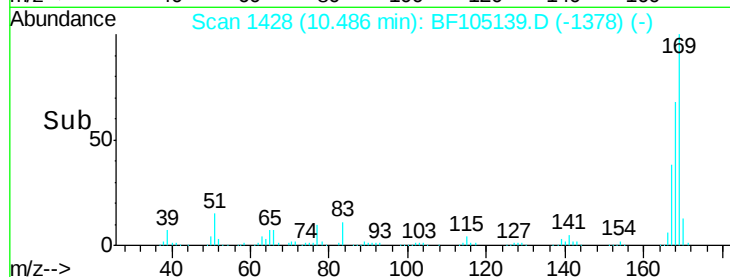
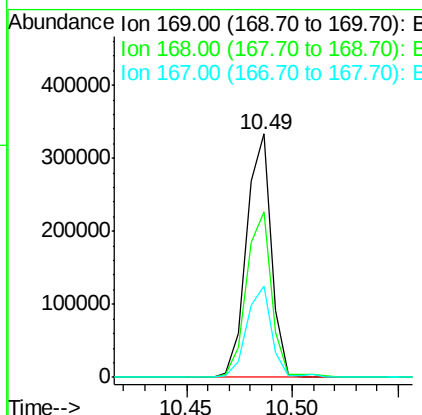
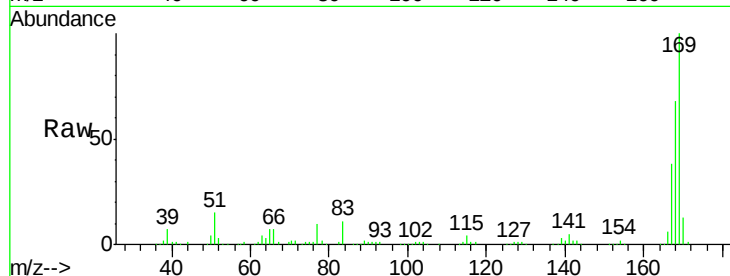




#65
 n-Nitrosodiphenylamine
 Concen: 9.809 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF105139.D
 Acq: 8 May 2018 11:40

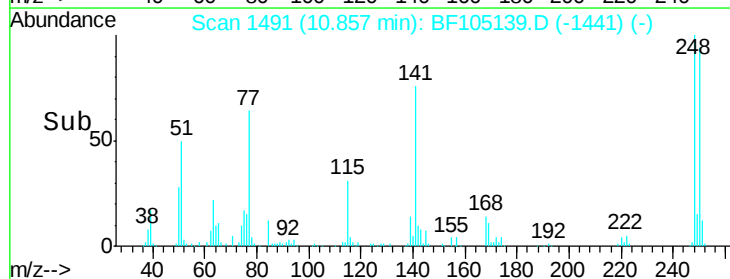
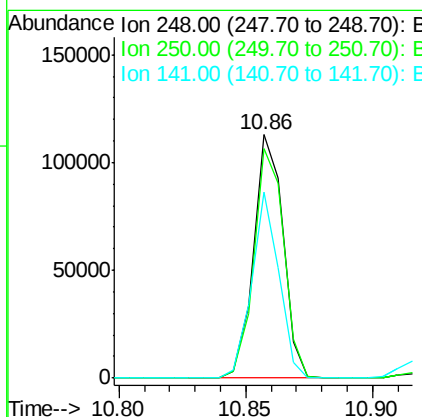
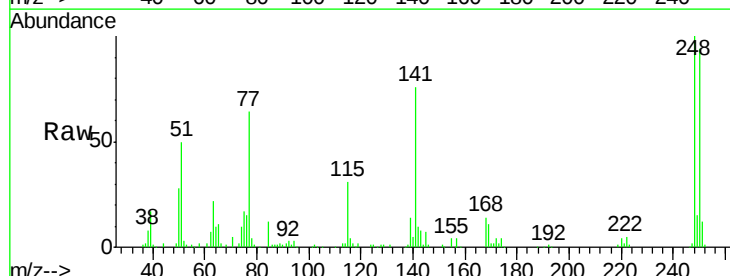
Instrument :
 BNA_F
 ClientSampleId :

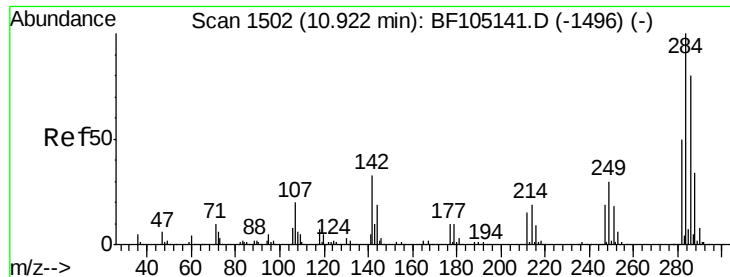
Tot Ion:169 Resp: 270757
 Ion Ratio Lower Upper
 169 100
 168 68.1 54.4 81.6
 167 37.6 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 10.836 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF105139.D
 Acq: 8 May 2018 11:40

Tgt Ion:248 Resp: 91760
 Ion Ratio Lower Upper
 248 100
 250 94.4 76.9 115.3
 141 76.5 74.4 111.6





#67

Hexachlorobenzene

Concen: 10.795 ng

RT: 10.92 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BF105139.D

Acq: 8 May 2018 11:40

Instrument :

BNA_F

ClientSampleId :

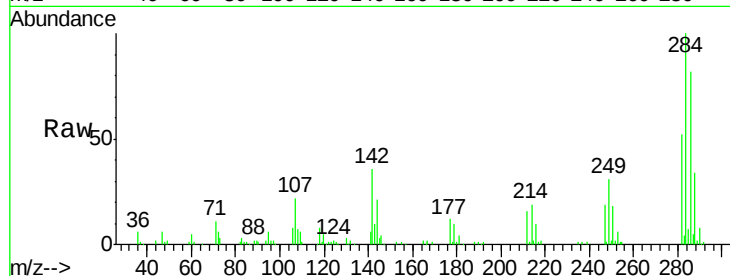
Tot Ion:284 Resp: 102861

Ion Ratio Lower Upper

284 100

142 36.1 34.6 52.0

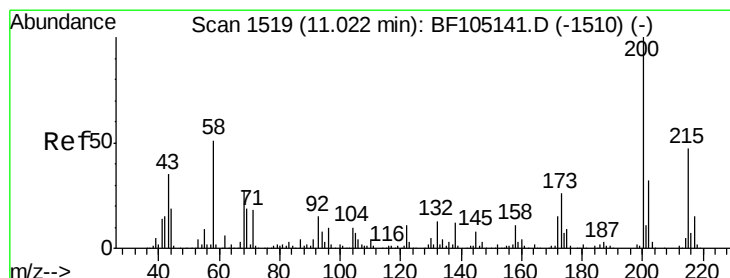
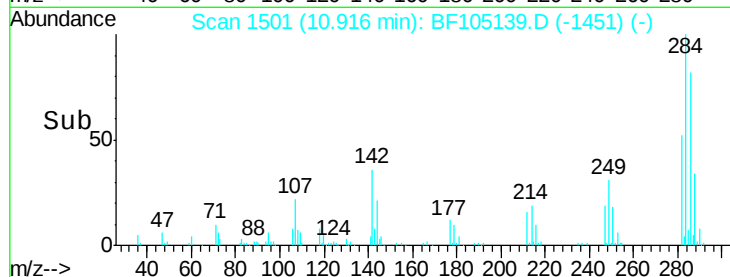
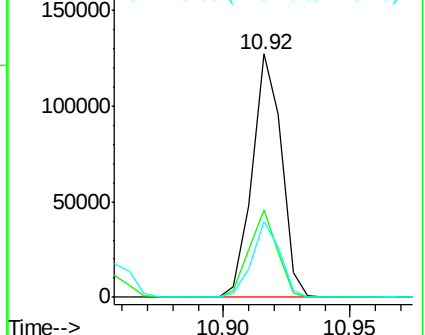
249 31.4 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 9.270 ng

RT: 11.01 min Scan# 1517

Delta R.T. -0.01 min

Lab File: BF105139.D

Acq: 8 May 2018 11:40

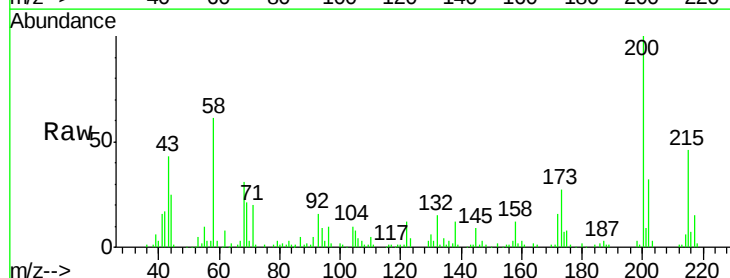
Tgt Ion:200 Resp: 77241

Ion Ratio Lower Upper

200 100

173 27.2 8.6 48.6

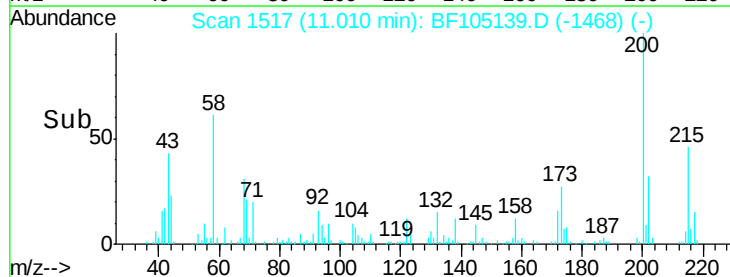
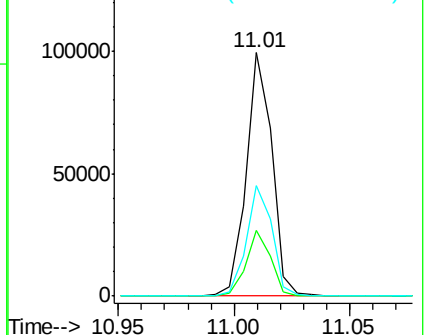
215 45.5 25.1 65.1

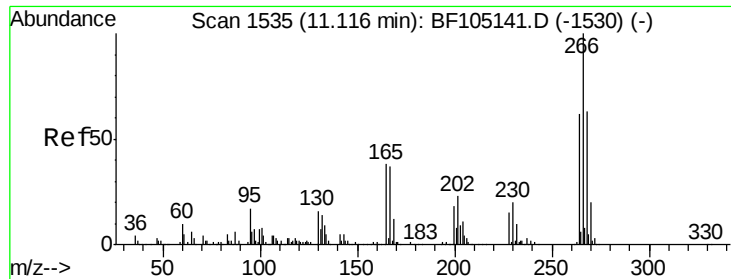


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

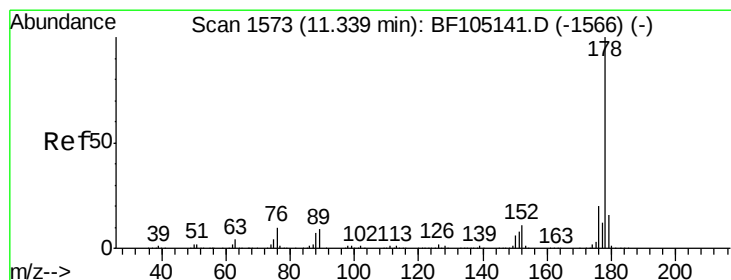
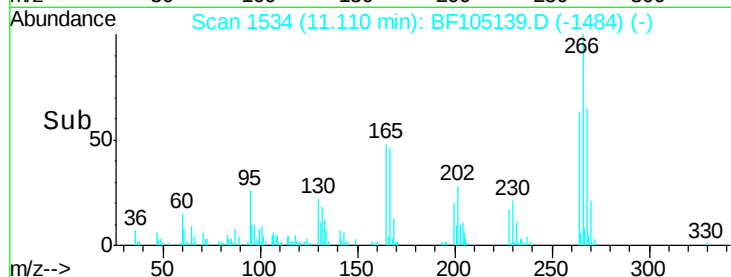
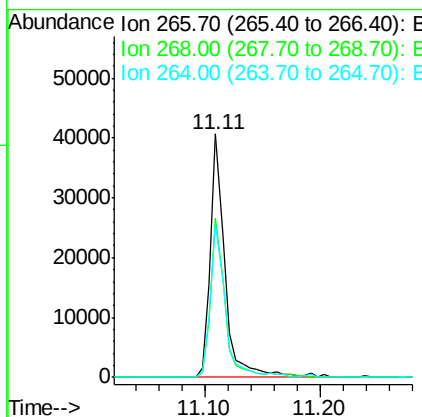
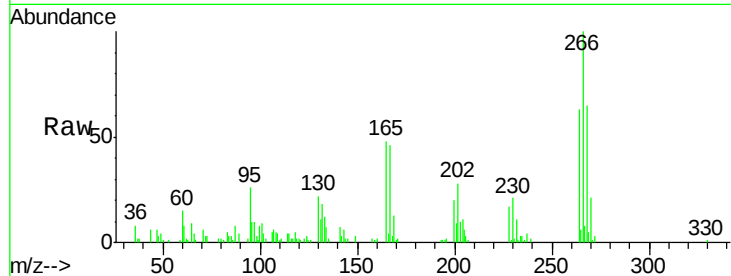




#69
 Pentachlorophenol
 Concen: 6.141 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: BF105139.D
 Acq: 8 May 2018 11:40

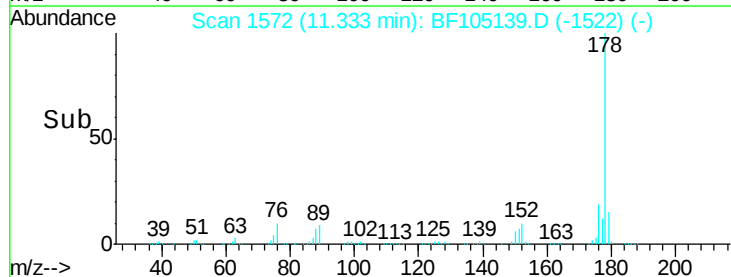
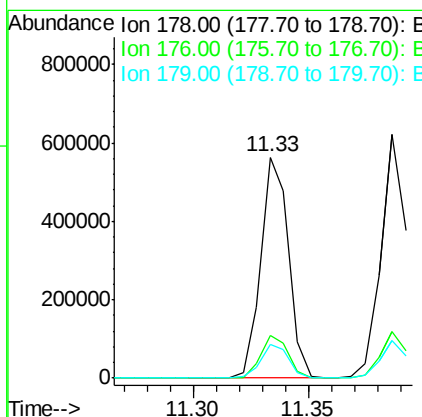
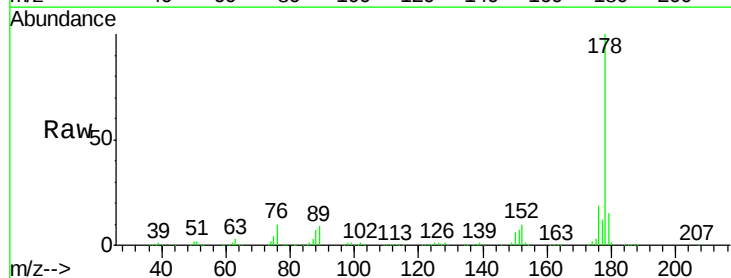
Instrument :
 BNA_F
 ClientSampleId :

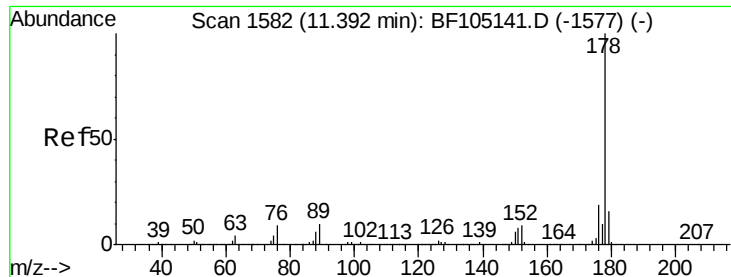
Tot Ion:266 Resp: 36198
 Ion Ratio Lower Upper
 266 100
 268 65.4 51.1 76.7
 264 63.1 49.5 74.3



#70
 Phenanthrene
 Concen: 10.653 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF105139.D
 Acq: 8 May 2018 11:40

Tgt Ion:178 Resp: 472306
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.0 13.0 19.6

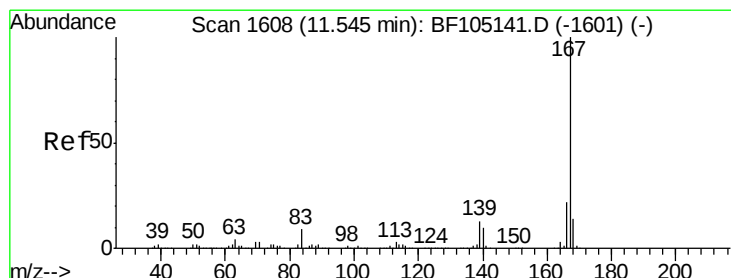
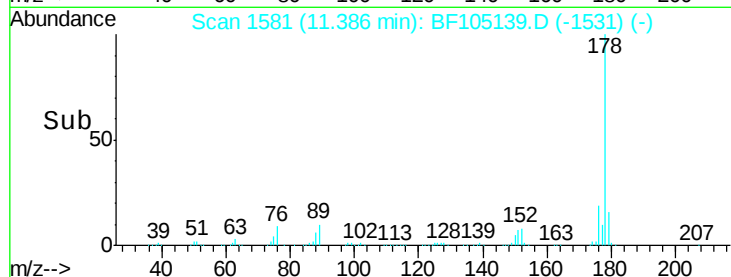
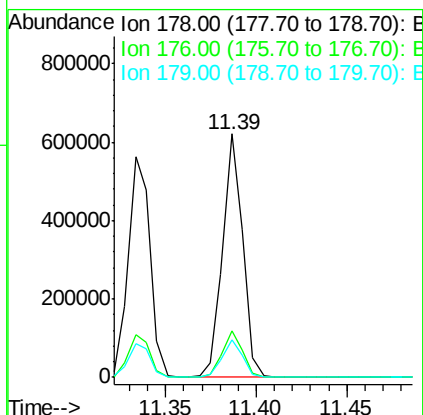
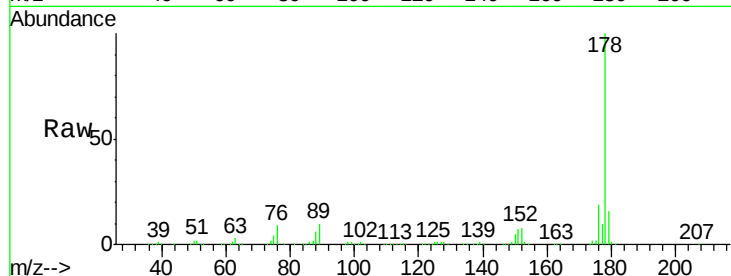




#71
 Anthracene
 Concen: 10.620 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF105139.D
 Acq: 8 May 2018 11:40

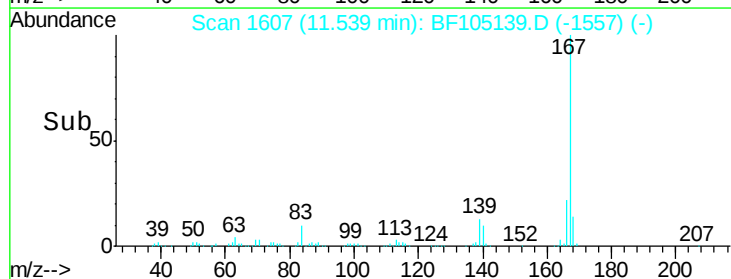
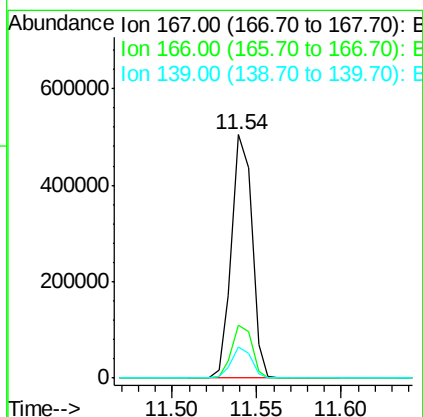
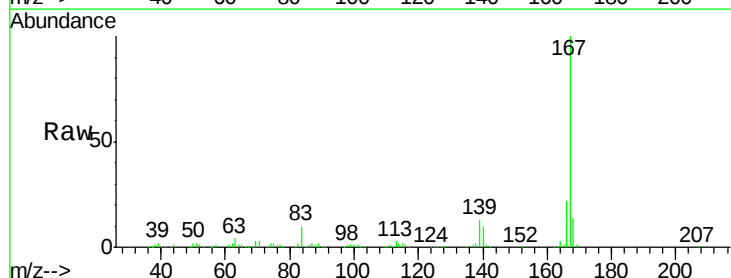
Instrument :
 BNA_F
 ClientSampleId :

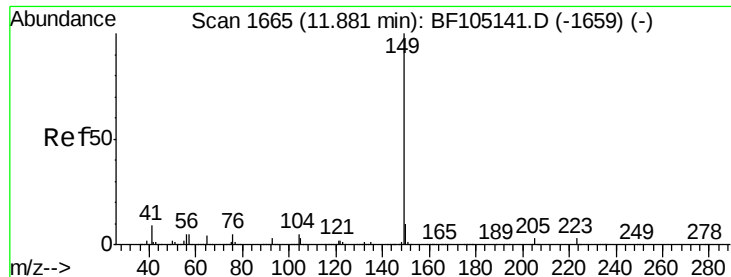
Tot Ion:178 Resp: 478640
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 9.680 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF105139.D
 Acq: 8 May 2018 11:40

Tgt Ion:167 Resp: 426312
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 13.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 7.424 ng

RT: 11.88 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BF105139.D

Acq: 8 May 2018 11:40

Instrument :

BNA_F

ClientSampleId :

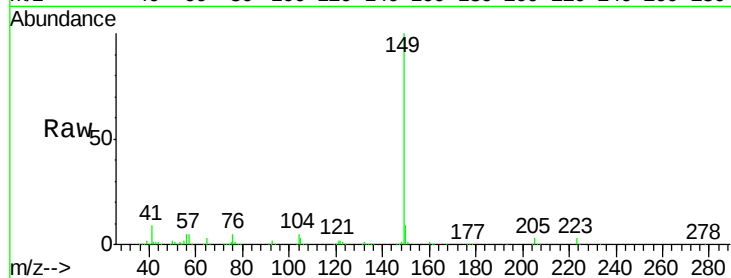
Tot Ion:149 Resp: 399406

Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.6

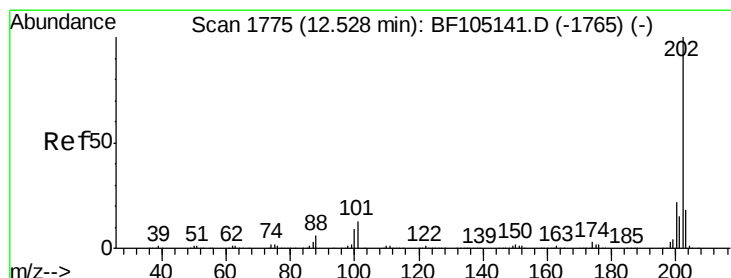
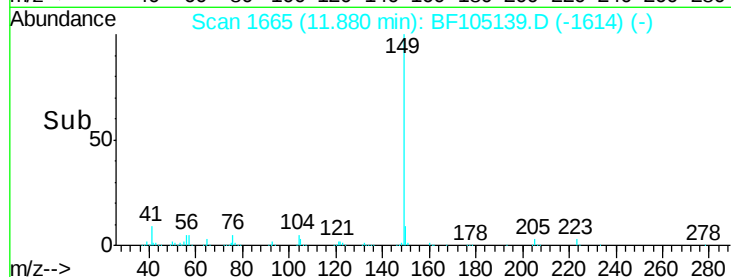
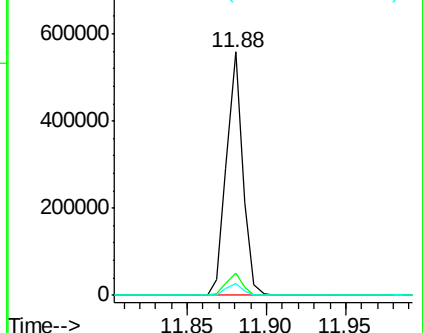
104 4.9 3.8 5.8



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: 10.552 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF105139.D

Acq: 8 May 2018 11:40

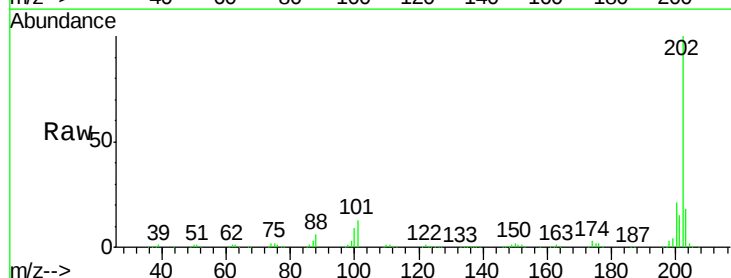
Tgt Ion:202 Resp: 488785

Ion Ratio Lower Upper

202 100

101 12.7 0.0 34.1

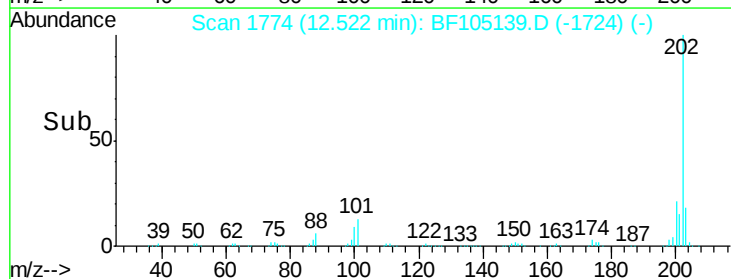
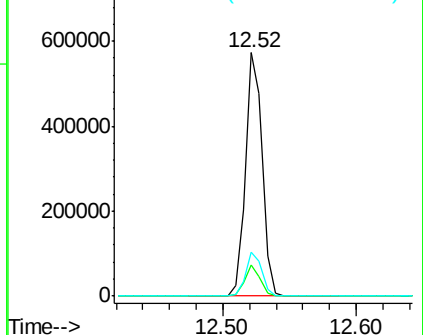
203 17.9 0.0 38.1

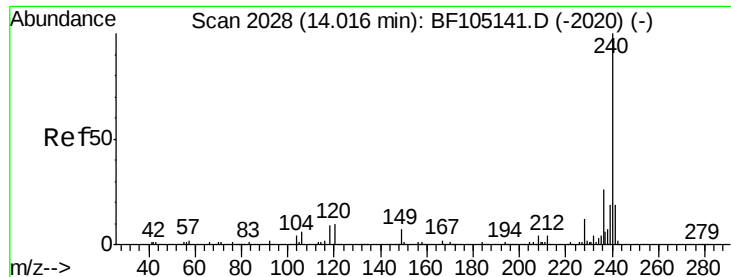


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF105139.D

Acq: 8 May 2018 11:40

Instrument :

BNA_F

ClientSampleId :

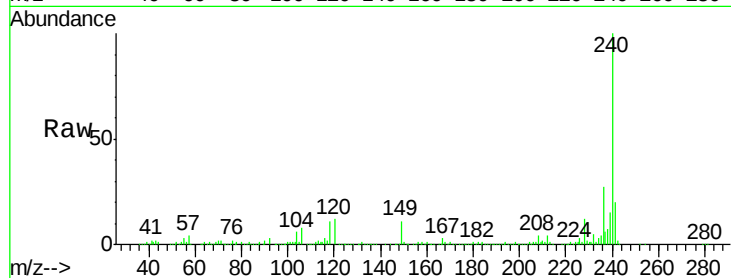
Tot Ion:240 Resp: 675288

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

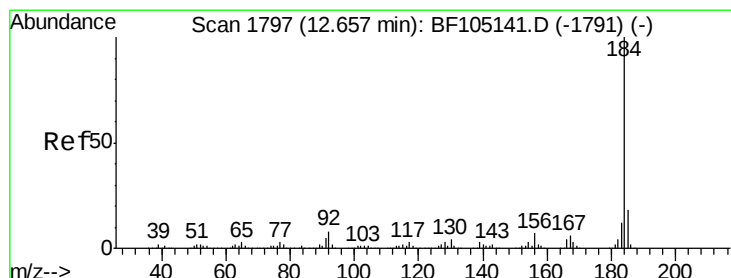
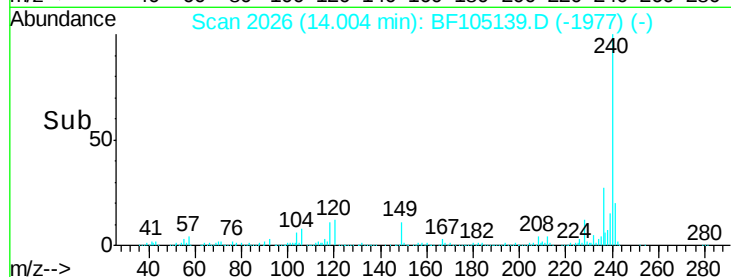
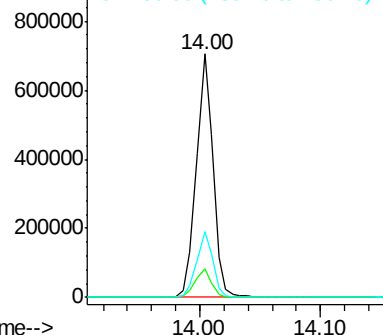
236 26.8 20.7 31.1



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: 9.088 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BF105139.D

Acq: 8 May 2018 11:40

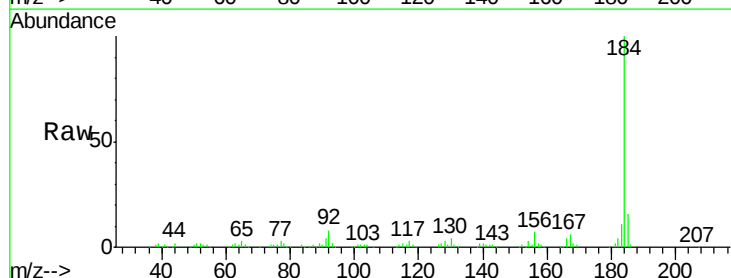
Tgt Ion:184 Resp: 212414

Ion Ratio Lower Upper

184 100

185 15.6 12.6 18.8

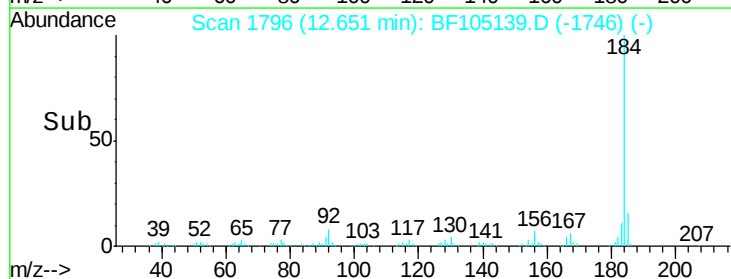
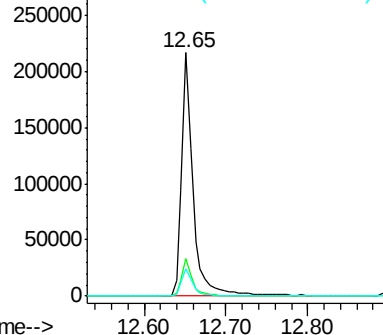
183 11.4 9.3 13.9

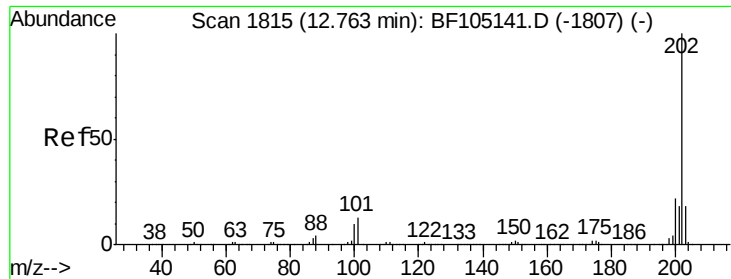


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

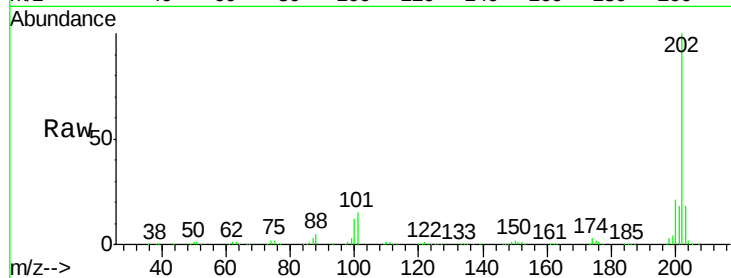




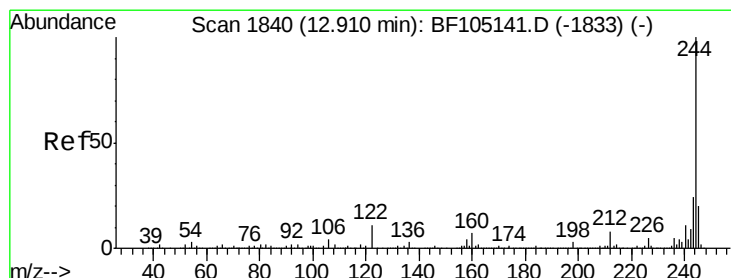
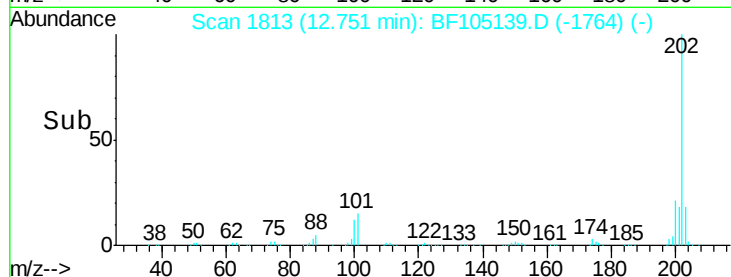
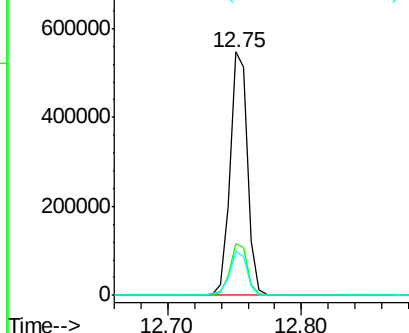
#77
Pvrene
Concen: 10.085 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	18.1	14.3	21.5

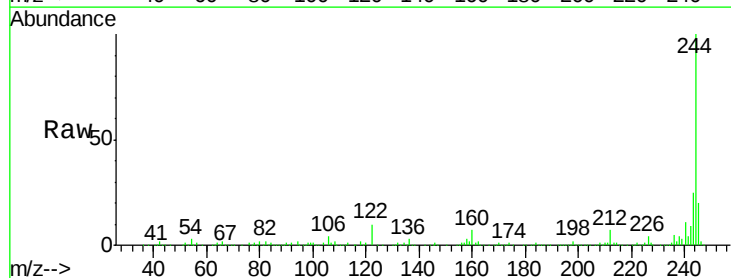


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

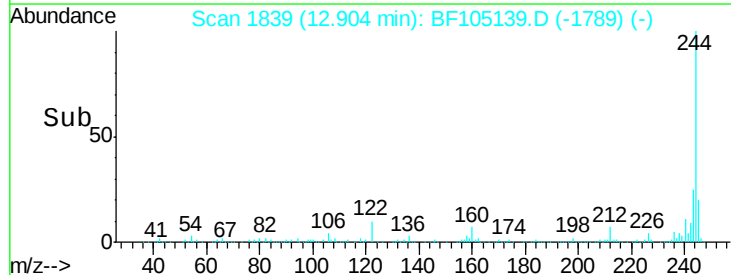
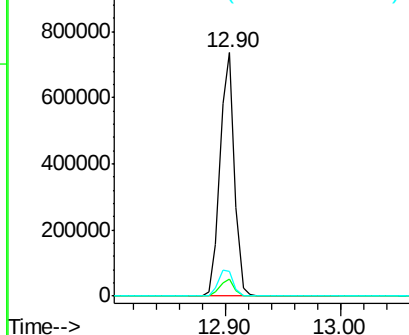


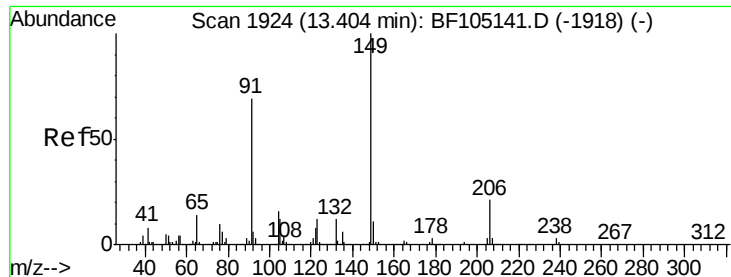
#78
Terphenyl-d14
Concen: 21.374 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	10.4	11.0	16.4#



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

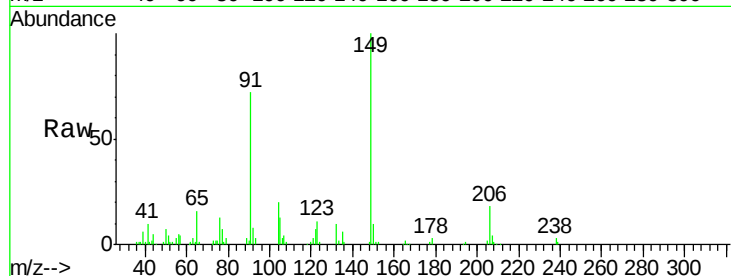




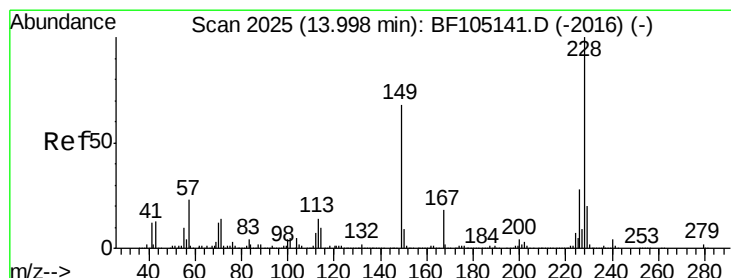
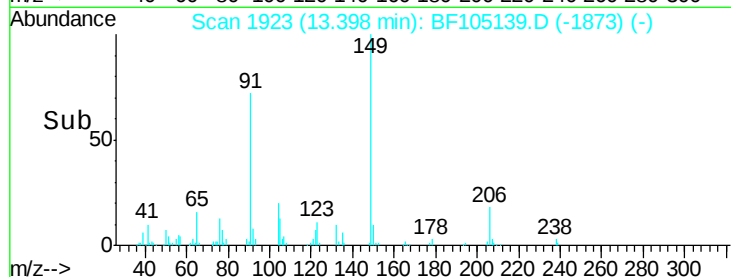
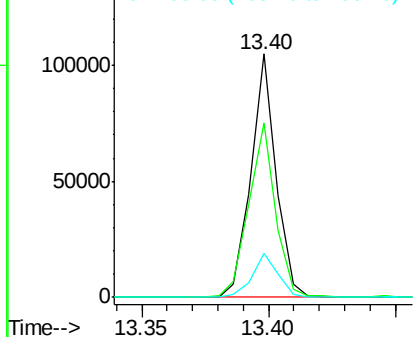
#79
Butylbenzylphthalate
Concen: 3.067 ng
RT: 13.40 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 72325
Ion Ratio Lower Upper
149 100
91 71.7 56.8 85.2
206 17.9 14.1 21.1

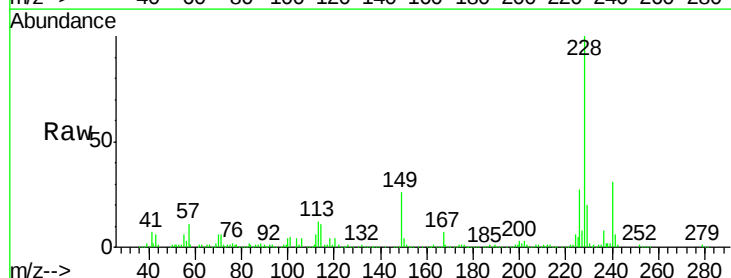


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

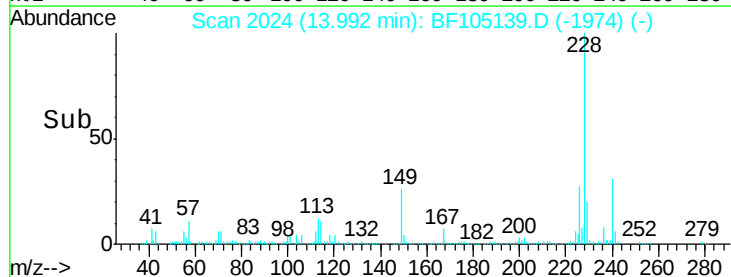
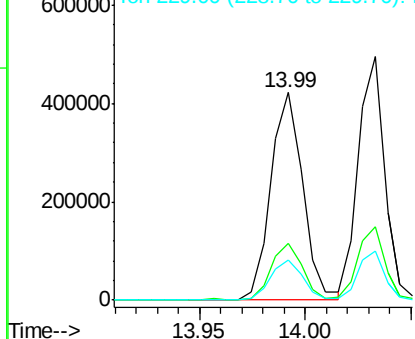


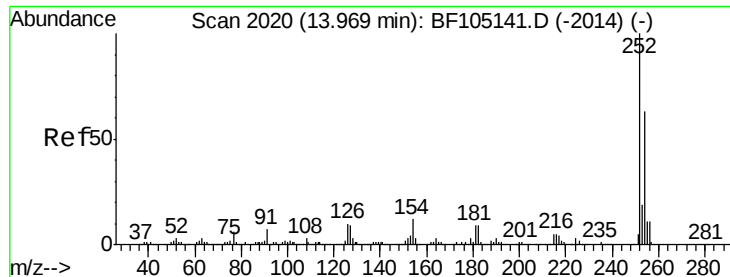
#80
Benzo(a)anthracene
Concen: 11.097 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:228 Resp: 447672
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 19.6 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

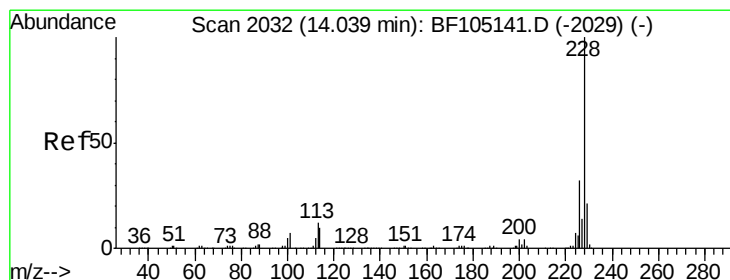
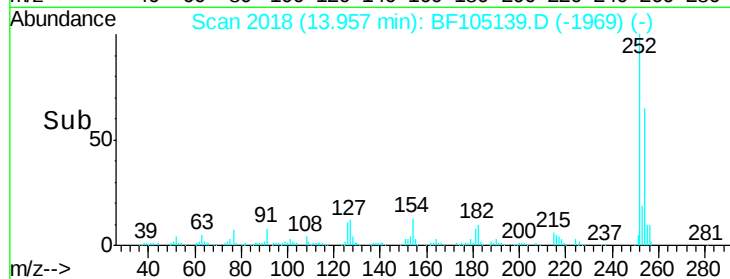
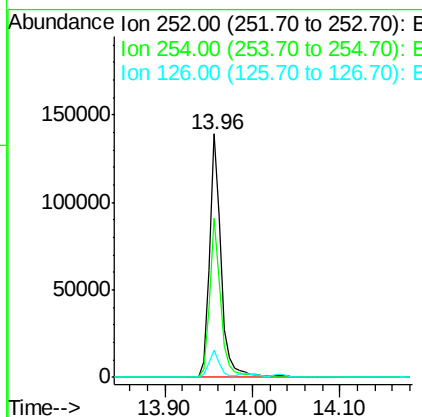
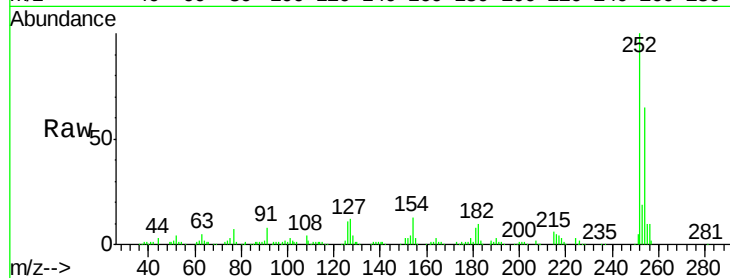




#81
 3,3'-Dichlorobenzidine
 Concen: 8.536 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF105139.D
 Acq: 8 May 2018 11:40

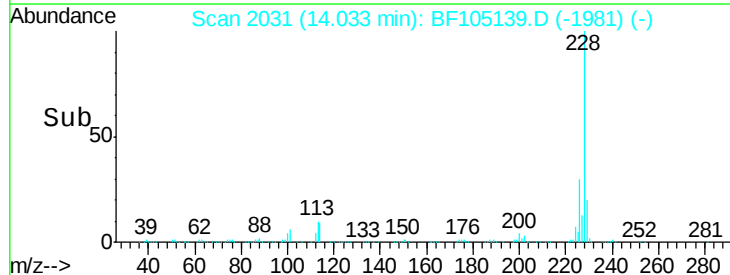
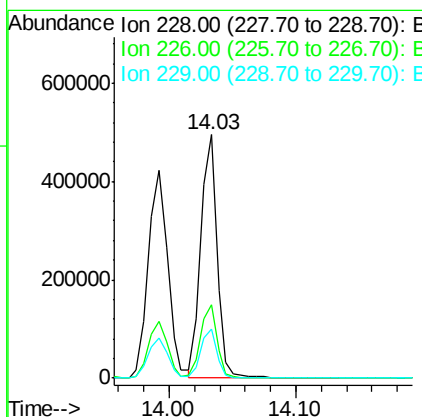
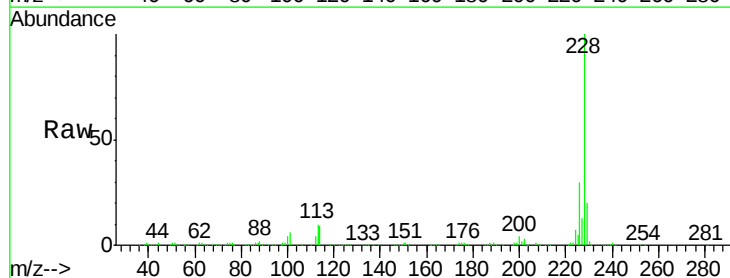
Instrument :
 BNA_F
 ClientSampleId :

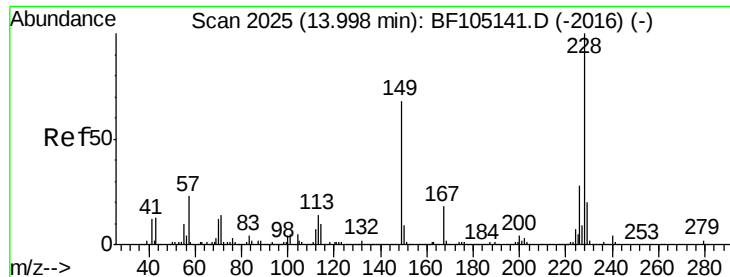
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.3	50.4	75.6
126	11.1	11.3	16.9#



#82
 Chrysene
 Concen: 10.598 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF105139.D
 Acq: 8 May 2018 11:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	20.0	16.2	24.4

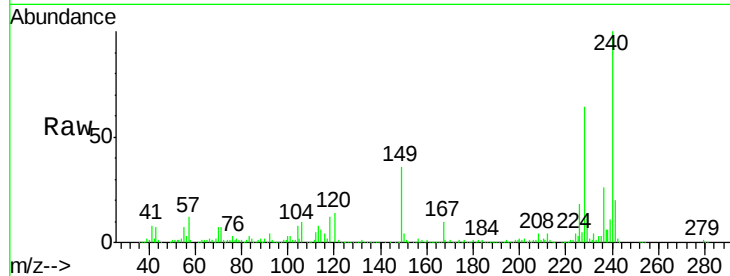




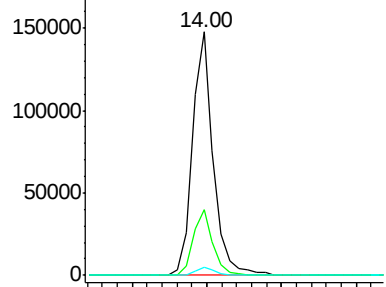
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.762 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BF105139.D
 Acq: 8 May 2018 11:40

Instrument :
 BNA_F
 ClientSampleId :

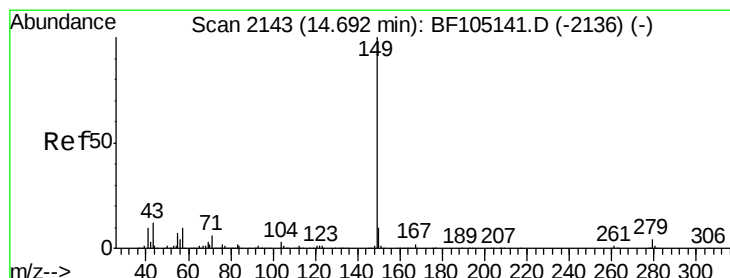
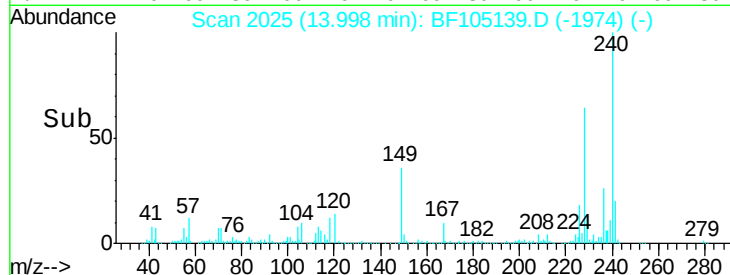
Tot Ion:149 Resp: 144439
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.3 31.9
 279 3.5 3.0 4.4



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

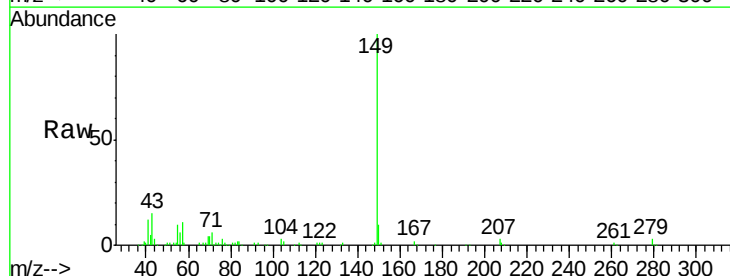


Time--> 13.95 14.00 14.05 14.10

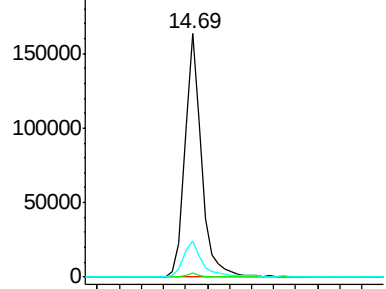


#84
 Di-n-octyl phthalate
 Concen: 3.314 ng
 RT: 14.69 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: BF105139.D
 Acq: 8 May 2018 11:40

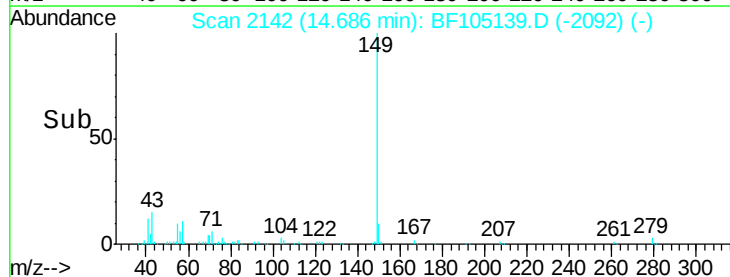
Tgt Ion:149 Resp: 167983
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 17.9 8.4 12.6#

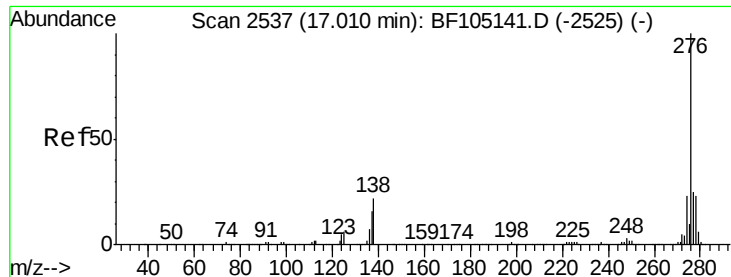


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1



Time--> 14.60 14.70 14.80

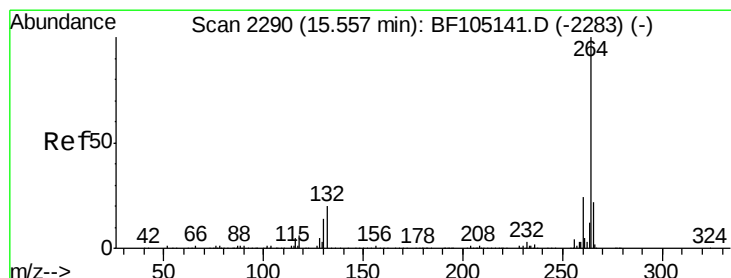
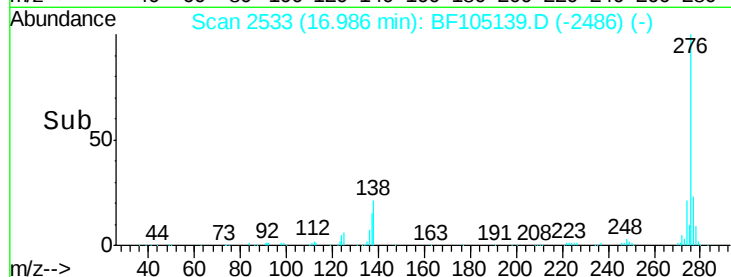
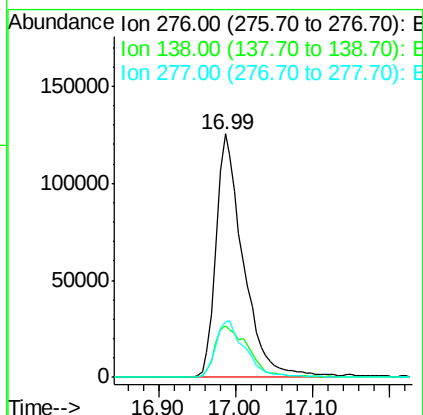
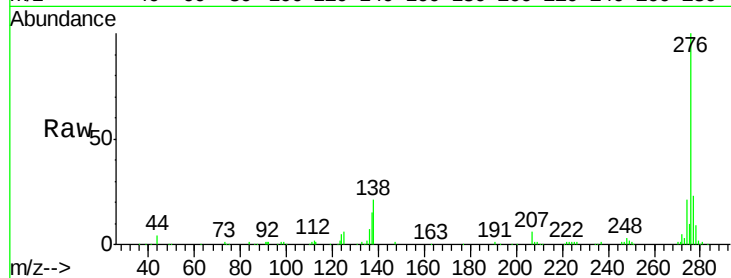




#85
Indeno(1,2,3-cd)pyrene
Concen: 8.740 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.02 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

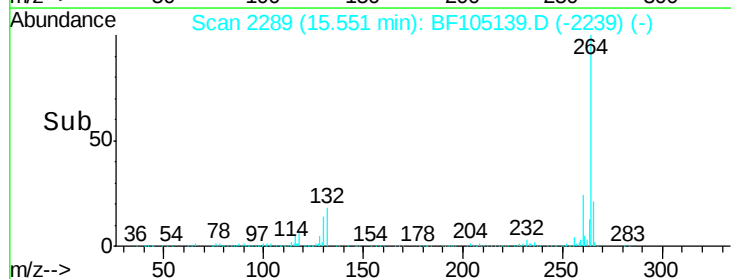
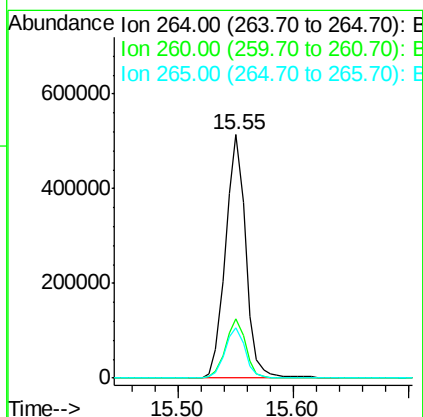
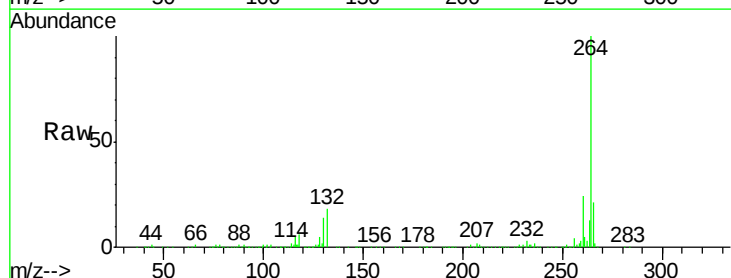
Instrument :
BNA_F
ClientSampleId :

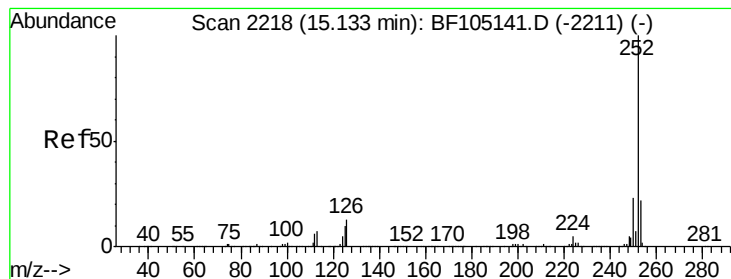
Tot Ion:276 Resp: 307672
Ion Ratio Lower Upper
276 100
138 25.9 25.0 37.6
277 24.8 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:264 Resp: 627781
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 20.9 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 9.249 ng

RT: 15.12 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BF105139.D

Acq: 8 May 2018 11:40

Instrument :

BNA_F

ClientSampleId :

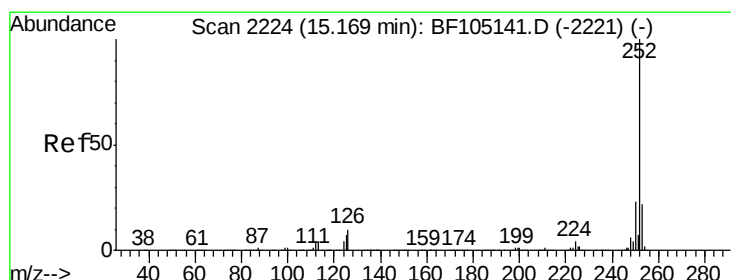
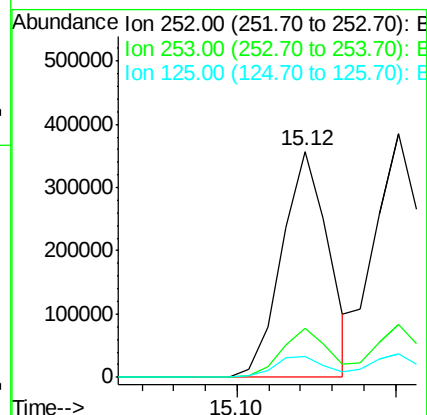
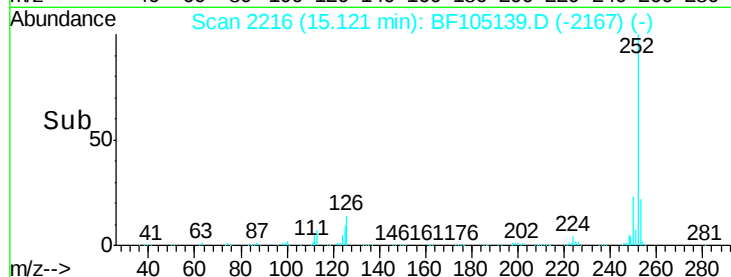
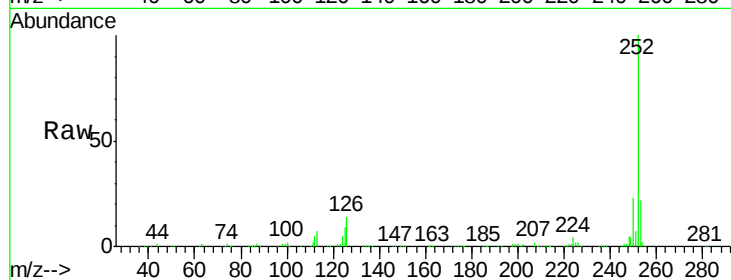
Tot Ion:252 Resp: 366730

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

125 9.4 9.0 13.6



#88

Benzo(k)fluoranthene

Concen: 11.210 ng

RT: 15.15 min Scan# 2221

Delta R.T. -0.02 min

Lab File: BF105139.D

Acq: 8 May 2018 11:40

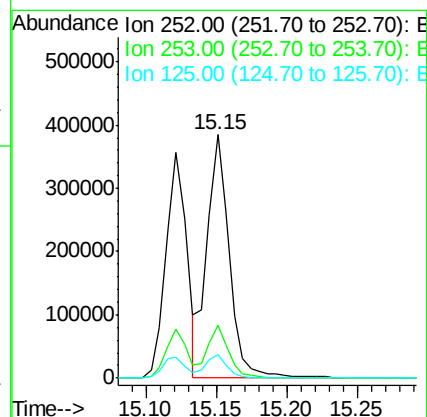
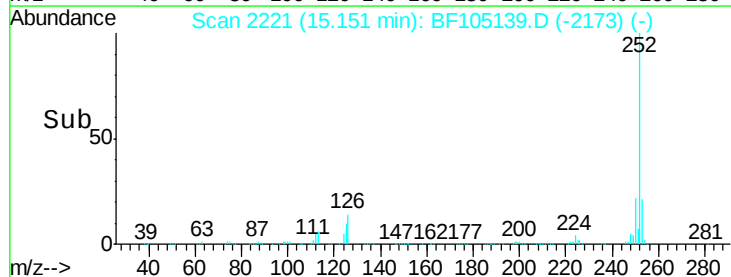
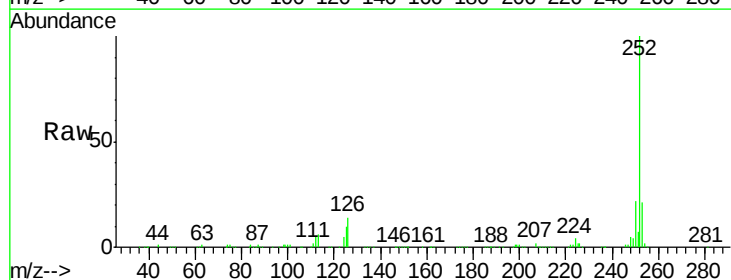
Tgt Ion:252 Resp: 419607

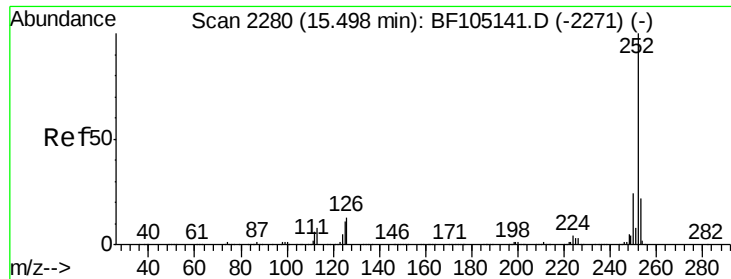
Ion Ratio Lower Upper

252 100

253 21.5 17.9 26.9

125 9.6 10.2 15.2#

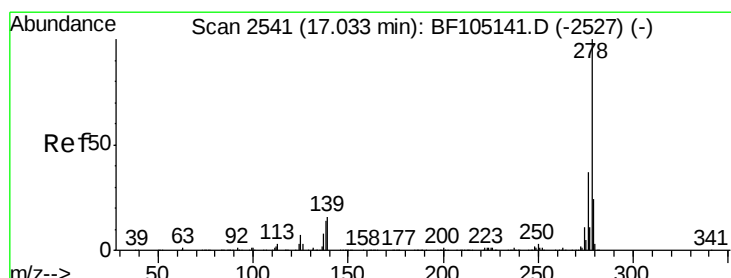
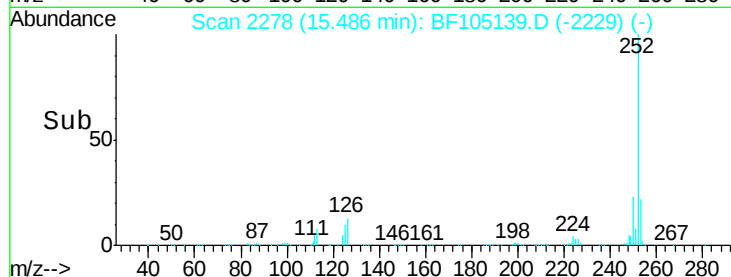
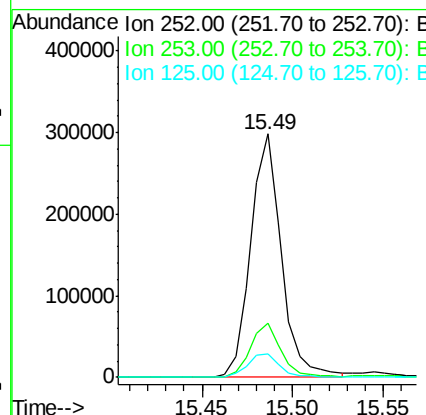
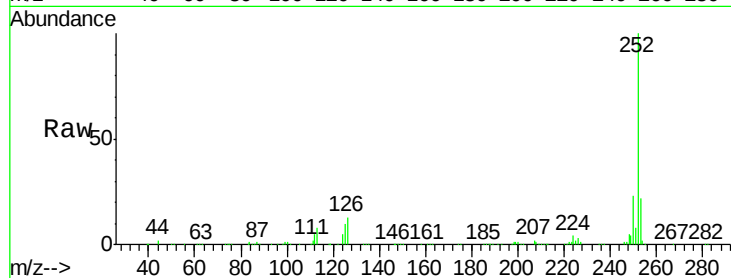




#89
Benzo(a)pyrene
Concen: 9.886 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

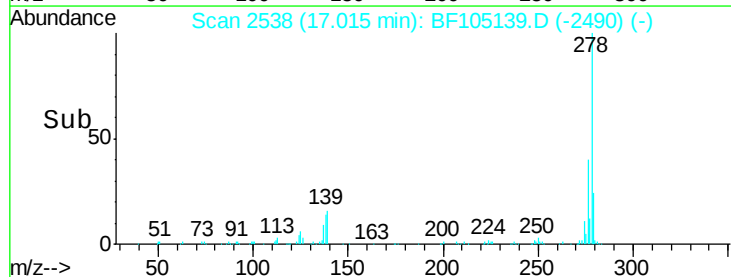
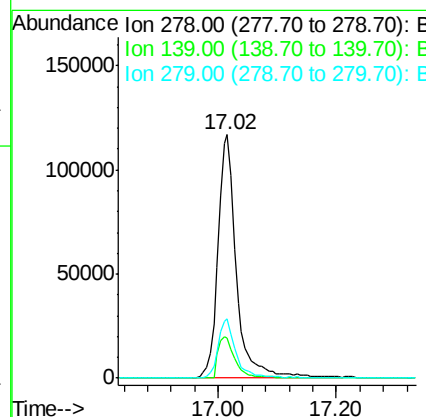
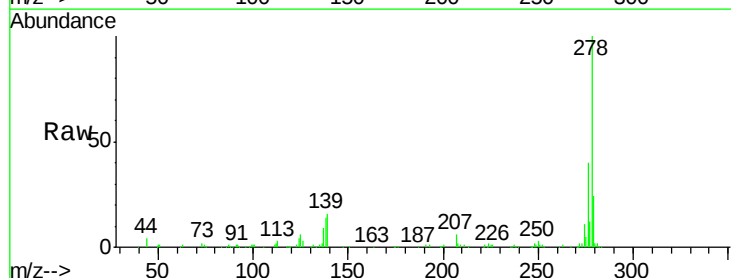
Instrument :
BNA_F
ClientSampleId :

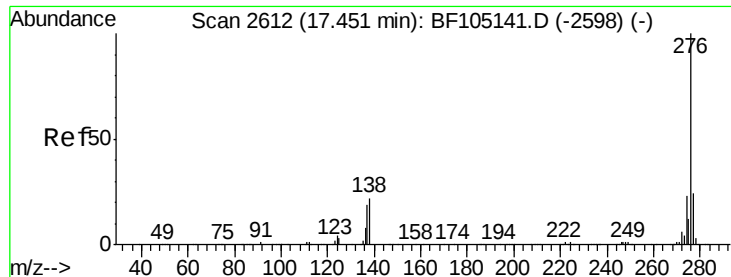
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	9.8	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 8.742 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.02 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.4	15.9	23.9
279	24.2	19.0	28.4

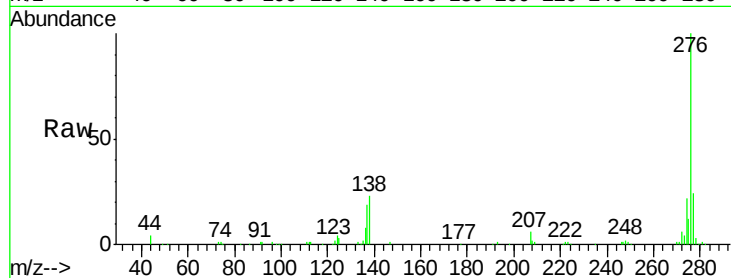




#91
 Benzo(a,h,i)perylene
 Concen: 9.281 ng
 RT: 17.42 min Scan# 2607
 Delta R.T. -0.03 min
 Lab File: BF105139.D
 Acq: 8 May 2018 11:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	23.6	17.9	26.9	
138	23.0	21.8	32.8	



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

