

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105149.D
 Acq On : 8 May 2018 17:40
 Operator : JU/SJ
 Sample : J2683-15
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 08 18:59:32 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 16:33:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	245165	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	983734	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	486325	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	959132	20.00	ng	0.00
75) Chrysene-d12	14.00	240	856696	20.00	ng	-0.02
86) Perylene-d12	15.54	264	793842	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	654420	43.98	ng	0.00
7) Phenol-d6	6.41	99	510183	28.79	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1525609	105.11	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	515576	96.09	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2639044	84.22	ng	0.00
78) Terphenyl-d14	12.92	244	3011481	81.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	411	0.052	ng	# 20
6) Aniline	6.42	93	276	0.011	ng	# 1
8) 2-Chlorophenol	6.57	128	132	0.008	ng	# 12
9) Benzaldehyde	6.41	77	811	0.060	ng	# 1
10) Phenol	6.42	94	13577	0.689	ng	# 98
11) bis(2-Chloroethyl)ether	6.56	93	1253	0.077	ng	# 1
12) 1,3-Dichlorobenzene	6.95	146	562	0.030	ng	# 1
13) 1,4-Dichlorobenzene	6.95	146	562	0.030	ng	# 1
14) 1,2-Dichlorobenzene	6.95	146	562	0.032	ng	# 1
15) Benzyl Alcohol	6.95	79	24483	1.805	ng	# 35
16) 2,2'-oxybis(1-Chloropropan	6.96	45	408	0.014	ng	# 1
17) 2-Methylphenol	6.95	107	303	0.022	ng	# 1
19) n-Nitroso-di-n-propylamine	7.36	70	210402	17.934	ng	# 83
20) 3+4-Methylphenols	6.95	107	303	0.019	ng	# 1
22) Acetophenone	7.19	105	416	0.018	ng	# 49
24) Nitrobenzene	7.36	77	4787	0.291	ng	# 32
25) Isophorone	7.36	82	1524095	46.951	ng	# 64
28) bis(2-Chloroethoxy)methane	8.07	93	110	0.005	ng	# 1
31) Naphthalene	8.09	128	749	0.016	ng	# 68
32) Benzoic acid	8.07	122	110	9.154	ng	# 1
36) 4-Chloro-3-methylphenol	8.35	107	147	0.010	ng	# 20
37) 2-Methylnaphthalene	8.78	142	403	0.012	ng	# 73
45) 1,1'-Biphenyl	9.25	154	9331	0.235	ng	# 95
46) 2-Chloronaphthalene	9.54	162	211	0.007	ng	# 1
47) 2-Nitroaniline	9.54	65	479	5.848	ng	# 1
49) Dimethylphthalate	9.54	163	43826	1.331	ng	# 98
50) 2,6-Dinitrotoluene	9.83	165	63181	8.844	ng	# 26
51) Acenaphthene	9.83	154	2190	0.074	ng	# 4
54) Dibenzofuran	10.02	168	417	0.010	ng	# 45
56) 2,4-Dinitrotoluene	9.83	165	63181	9.760	ng	# 23
57) Fluorene	10.62	166	19795	0.626	ng	# 87
59) Diethylphthalate	10.25	149	5578	0.172	ng	# 95
61) 4-Nitroaniline	10.50	138	115	0.015	ng	# 19
62) Azobenzene	10.54	77	659	0.020	ng	# 16

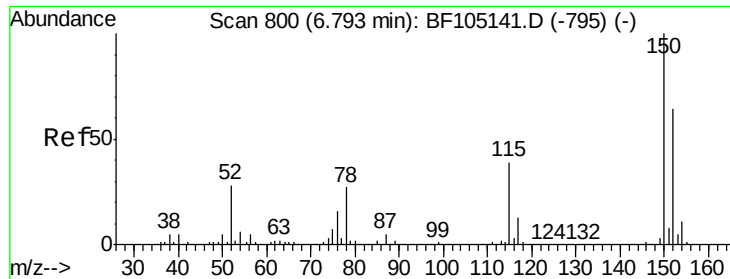
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105149.D
 Acq On : 8 May 2018 17:40
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Quant Time: May 08 18:59:32 2018
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
64) 4,6-Dinitro-2-methylphenol	10.62	198	1059	9.075	nq	#	1
65) n-Nitrosodiphenylamine	10.62	169	13400	0.448	nq	#	39
66) 4-Bromophenyl-phenylether	10.62	248	30135	2.946	nq	#	1
70) Phenanthrene	11.33	178	1158	0.023	nq	#	59
71) Anthracene	11.33	178	1158	0.023	nq	#	60
72) Carbazole	11.32	167	110	0.002	nq	#	1
73) Di-n-butylphthalate	11.87	149	2377	0.048	nq	#	87
74) Fluoranthene	12.52	202	525	0.010	nq	#	62
77) Pyrene	12.75	202	660	0.011	nq	#	57
79) Butylbenzylphthalate	13.45	149	392	6.914	nq	#	69
80) Benzo(a)anthracene	14.00	228	2169	0.042	nq	#	56
82) Chrysene	14.03	228	131	0.002	nq	#	48
83) Bis(2-ethylhexyl)phthalate	13.99	149	1466	0.057	nq	#	54
84) Di-n-octyl phthalate	14.67	149	111	6.937	nq	#	1
89) Benzo(a)pyrene	15.54	252	2642	0.060	nq	#	66

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

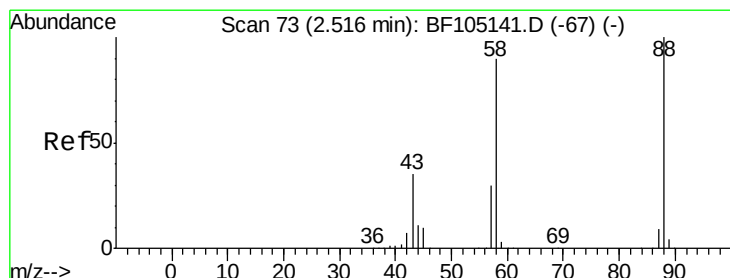
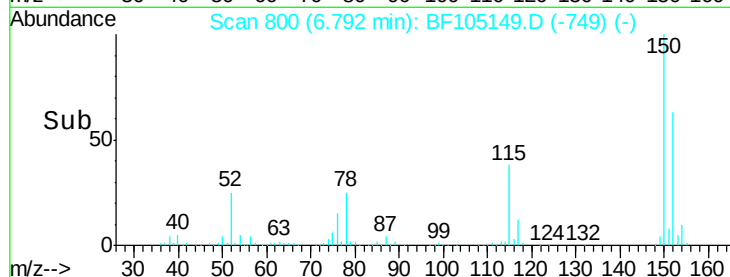
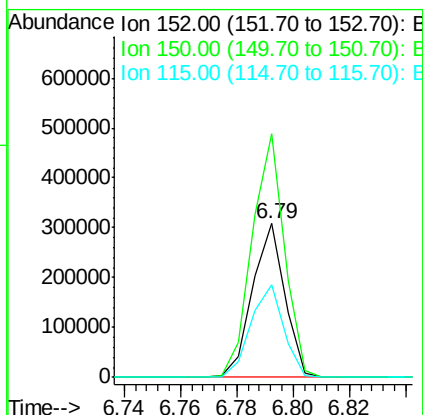
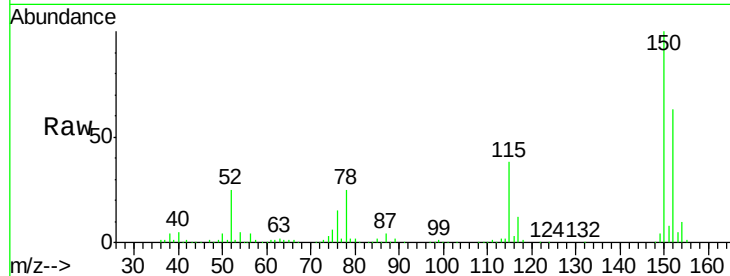


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF105149.D
Acq: 8 May 2018 17:40

Instrument :
BNA_F
ClientSampleId :

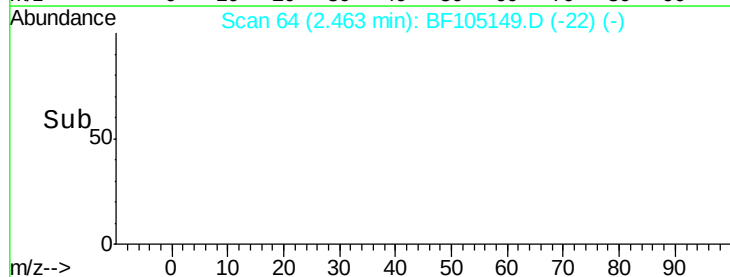
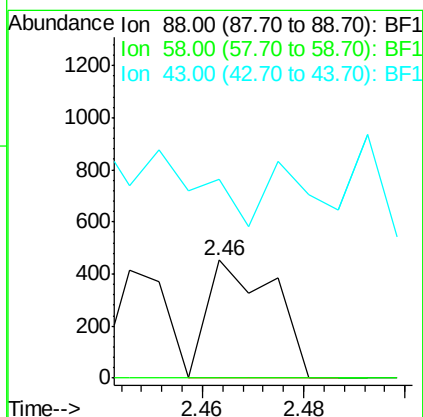
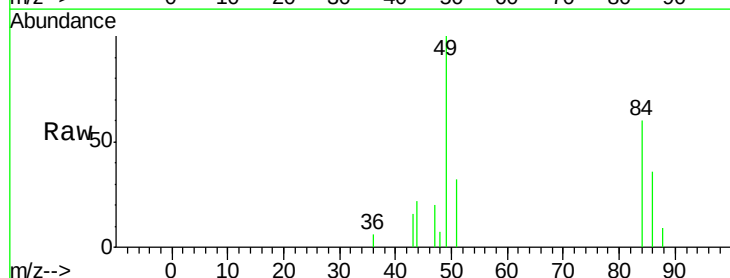
Tot Ion:152 Resp: 245165
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 59.9 50.1 75.1

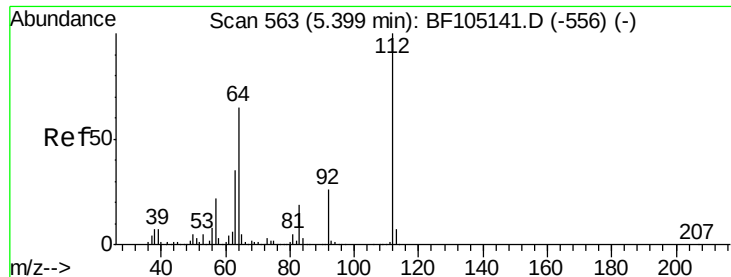


#2

1,4-Dioxane
Concen: 0.052 ng
RT: 2.46 min Scan# 64
Delta R.T. -0.05 min
Lab File: BF105149.D
Acq: 8 May 2018 17:40

Tgt Ion: 88 Resp: 411
Ion Ratio Lower Upper
88 100
58 0.0 62.6 93.8#
43 0.0 24.6 37.0#





#5

2-Fluorophenol

Concen: 43.975 ng

RT: 5.40 min Scan# 563

Delta R.T. -0.00 min

Lab File: BF105149.D

Acq: 8 May 2018 17:40

Instrument :

BNA_F

ClientSampleId :

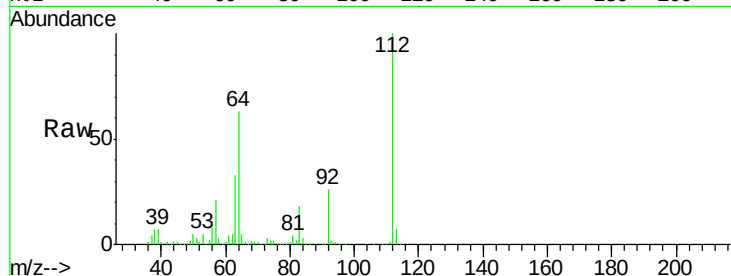
Tot Ion:112 Resp: 654420

Ion Ratio Lower Upper

112 100

64 62.9 47.9 71.9

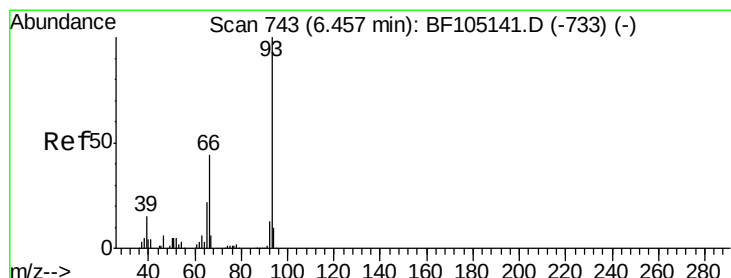
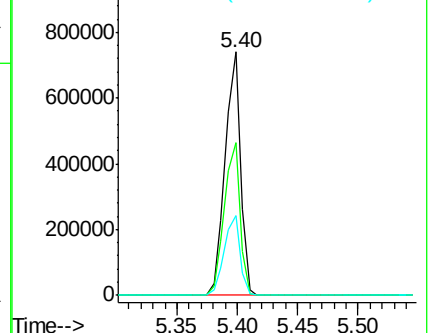
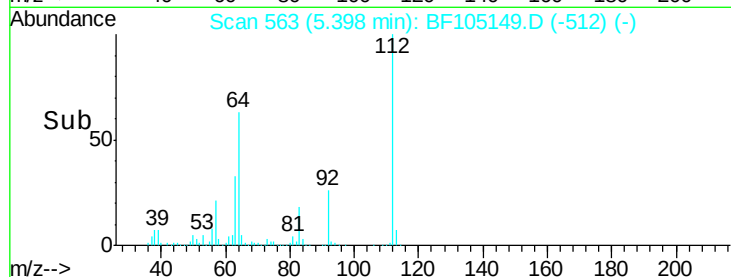
63 32.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.011 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.04 min

Lab File: BF105149.D

Acq: 8 May 2018 17:40

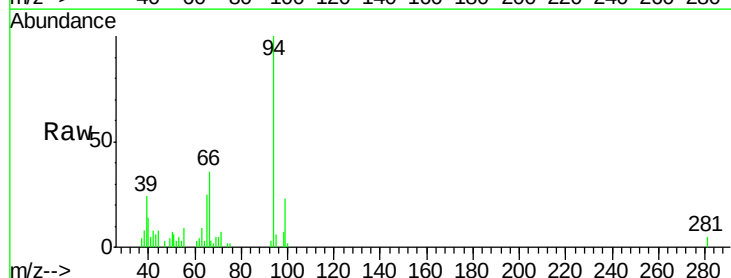
Tgt Ion: 93 Resp: 276

Ion Ratio Lower Upper

93 100

66 1443.8 32.2 48.2#

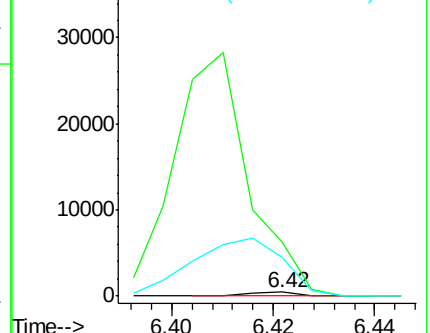
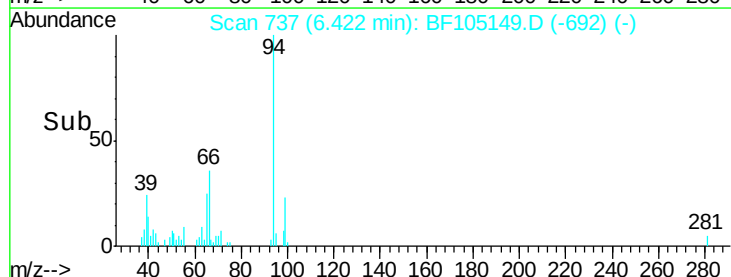
65 1017.4 16.4 24.6#

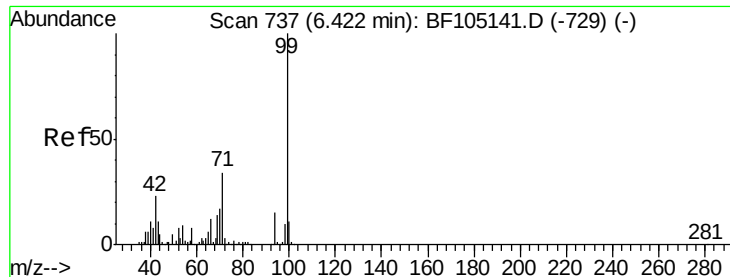


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 28.792 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF105149.D

Acq: 8 May 2018 17:40

Instrument :

BNA_F

ClientSampleId :

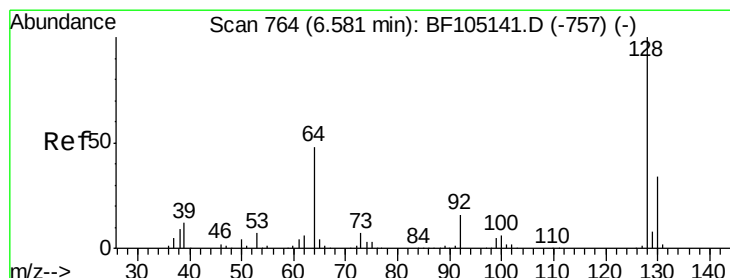
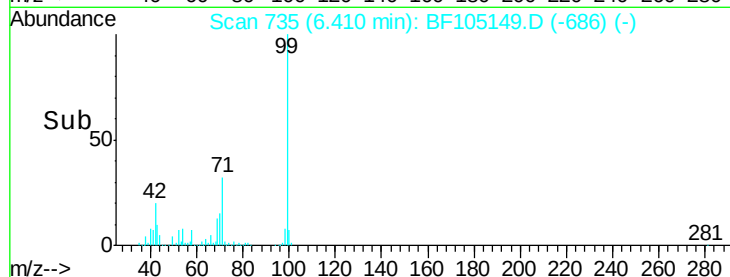
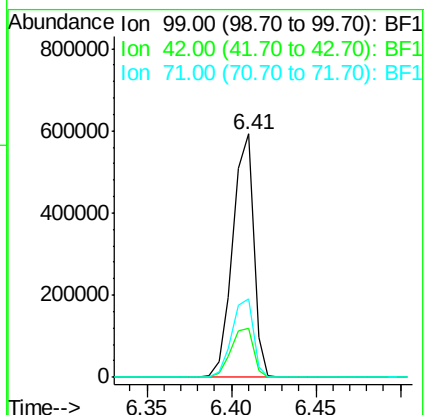
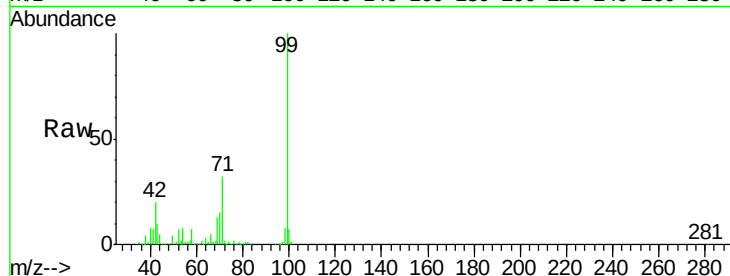
Tot Ion: 99 Resp: 510183

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

71 32.2 25.4 38.0



#8

2-Chlorophenol

Concen: 0.008 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF105149.D

Acq: 8 May 2018 17:40

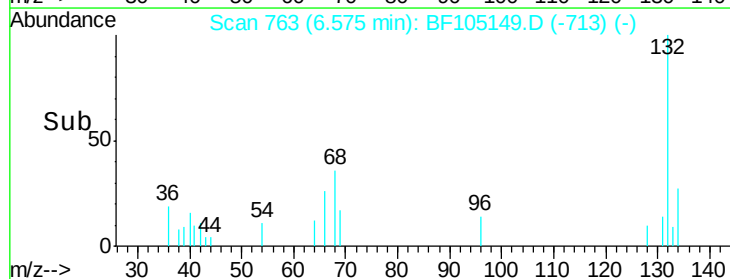
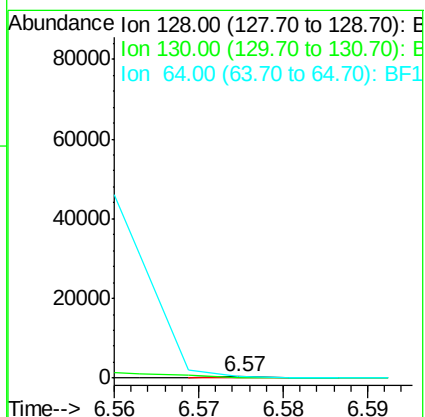
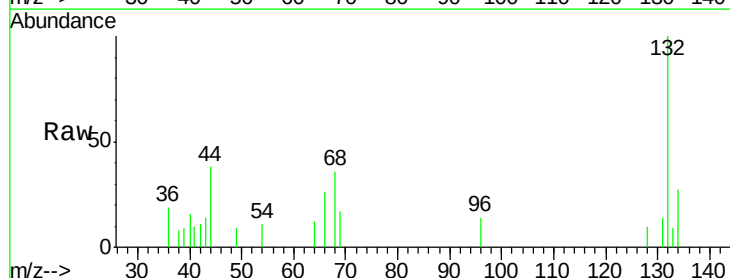
Tgt Ion: 128 Resp: 132

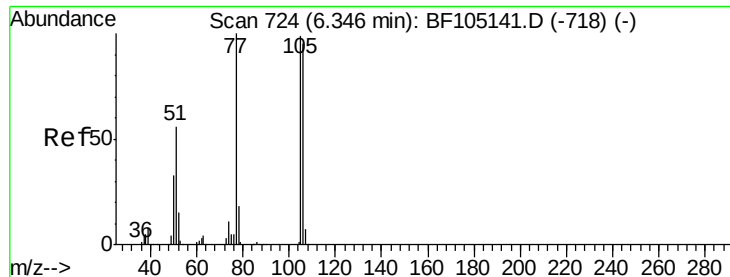
Ion Ratio Lower Upper

128 100

130 0.0 13.0 53.0#

64 122.7 29.4 69.4#





#9

Benzaldehyde

Concen: 0.060 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.06 min

Lab File: BF105149.D

Acq: 8 May 2018 17:40

Instrument :

BNA_F

ClientSampleId :

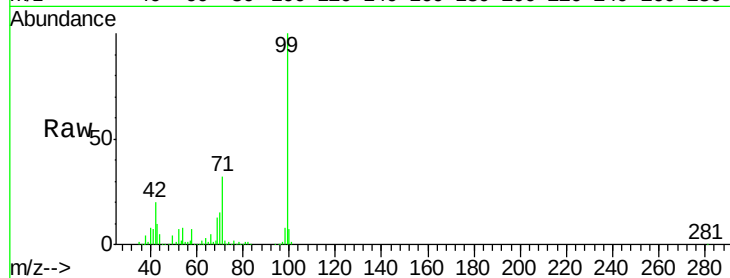
Tot Ion: 77 Resp: 811

Ion Ratio Lower Upper

77 100

105 0.0 81.1 121.1#

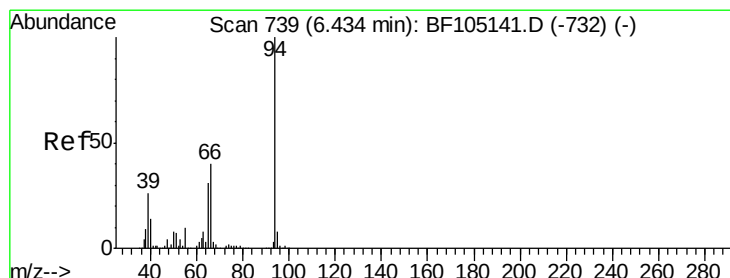
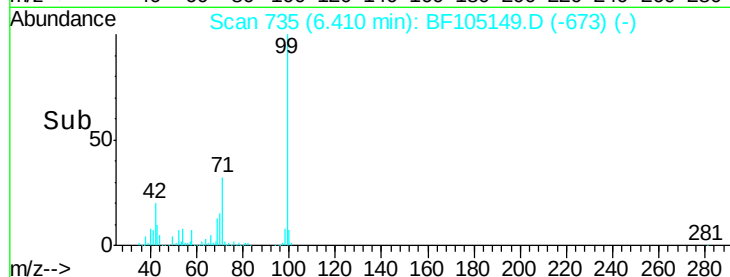
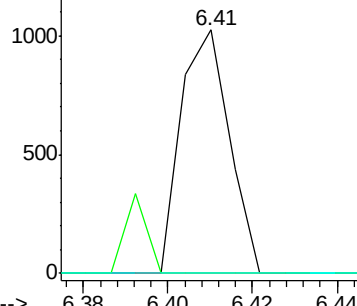
106 0.0 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 0.689 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF105149.D

Acq: 8 May 2018 17:40

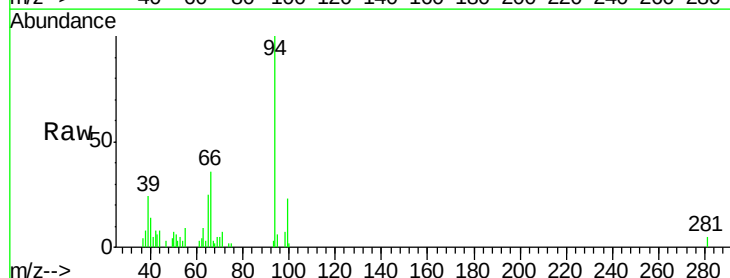
Tgt Ion: 94 Resp: 13577

Ion Ratio Lower Upper

94 100

65 25.5 7.9 47.9

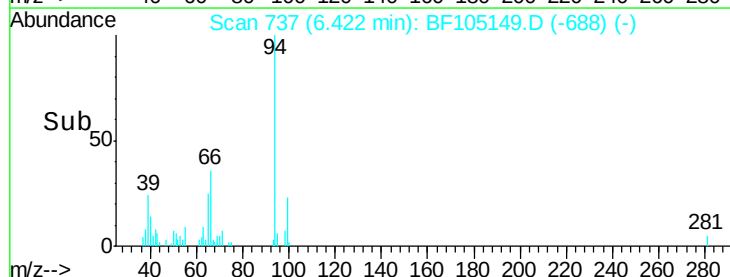
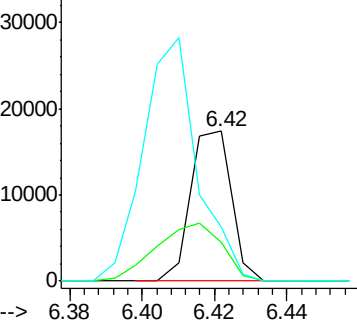
66 36.1 16.2 56.2

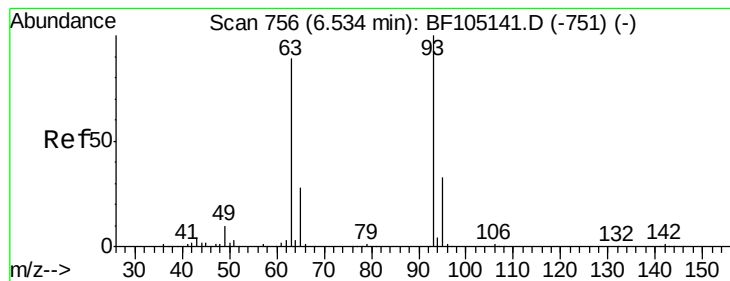


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

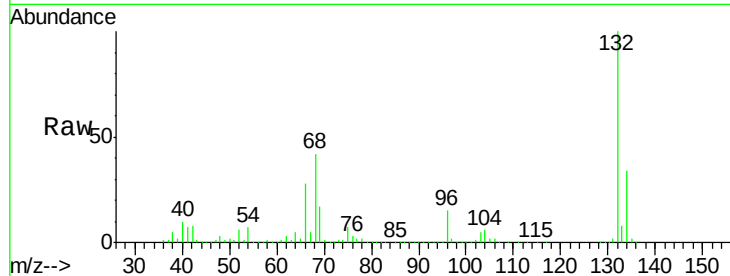




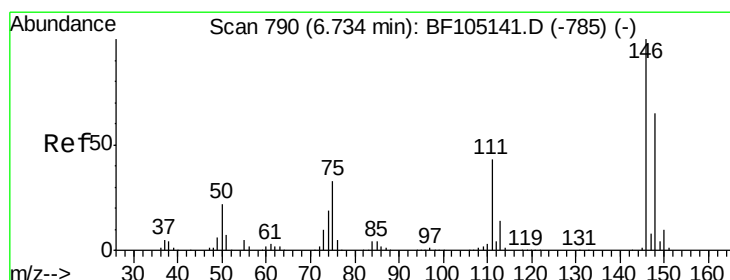
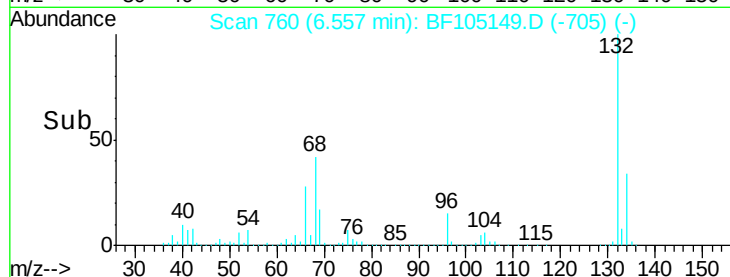
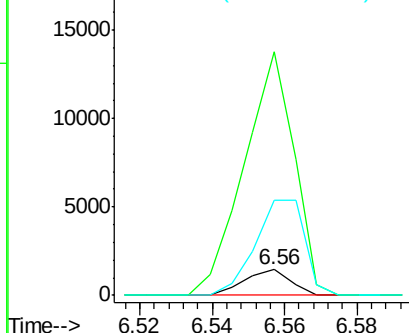
#11
bis(2-Chloroethyl)ether
Concen: 0.077 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.02 min
Lab File: BF105149.D
Acq: 8 May 2018 17:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 1253
Ion Ratio Lower Upper
93 100
63 951.3 58.6 98.6#
95 372.5 11.8 51.8#

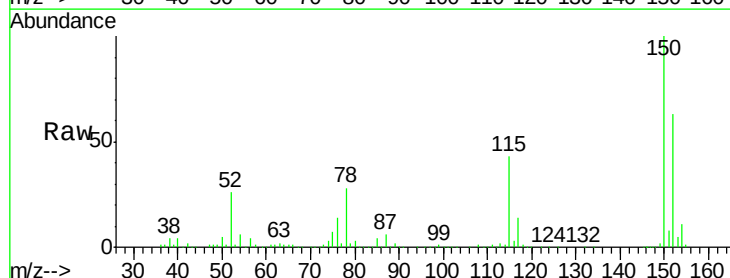


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

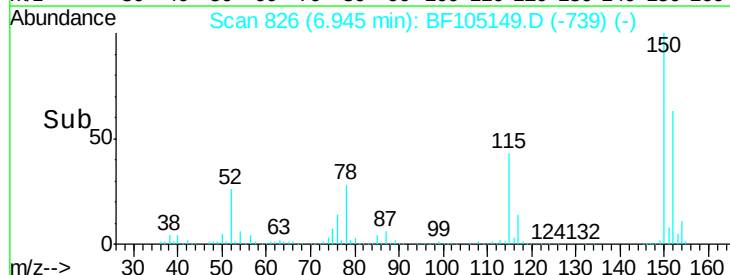
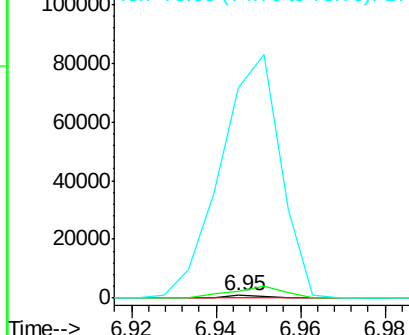


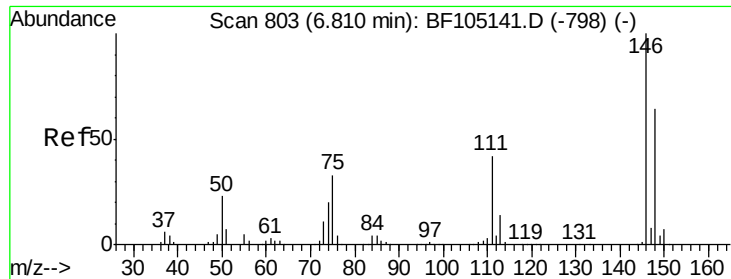
#12
1,3-Dichlorobenzene
Concen: 0.030 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.21 min
Lab File: BF105149.D
Acq: 8 May 2018 17:40

Tgt Ion: 146 Resp: 562
Ion Ratio Lower Upper
146 100
148 312.0 51.8 77.8#
75 8913.2 24.2 36.4#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

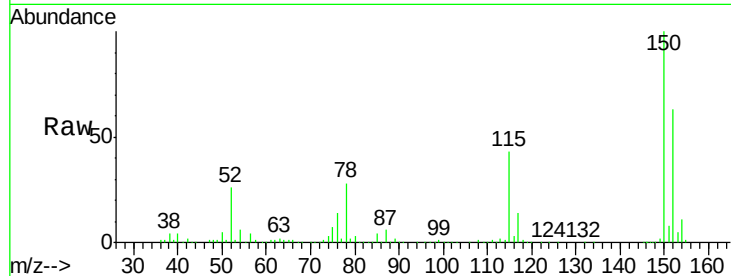




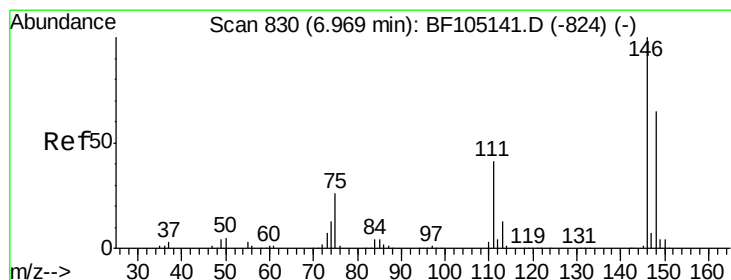
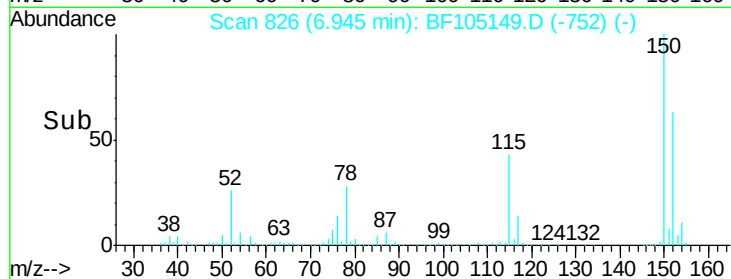
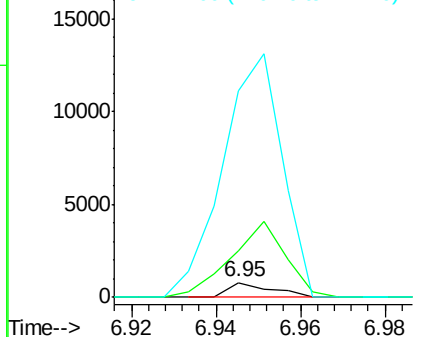
#13
 1,4-Dichlorobenzene
 Concen: 0.030 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.14 min
 Lab File: BF105149.D
 Acq: 8 May 2018 17:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 562
 Ion Ratio Lower Upper
 146 100
 148 312.0 50.8 76.2#
 111 1383.9 34.2 51.2#

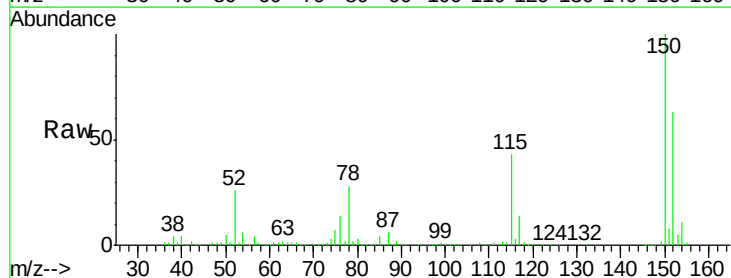


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

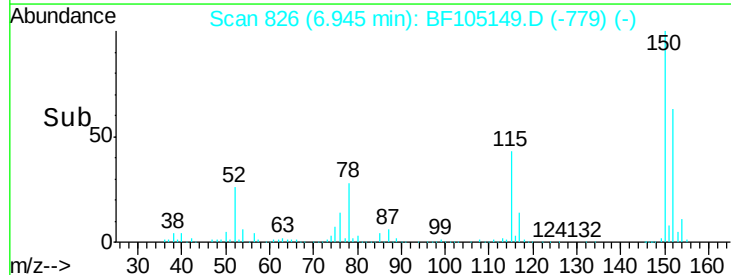
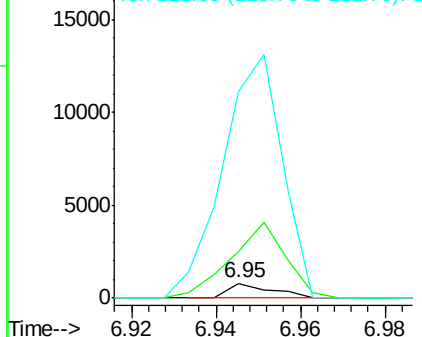


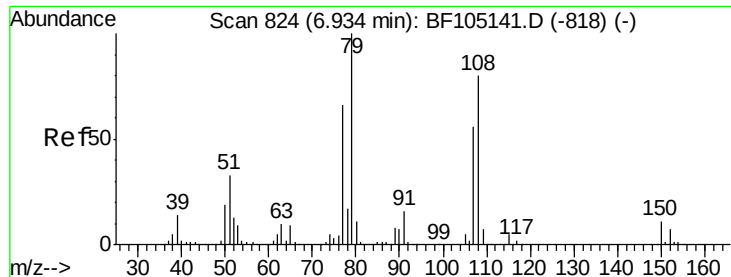
#14
 1,2-Dichlorobenzene
 Concen: 0.032 ng
 RT: 6.95 min Scan# 826
 Delta R.T. -0.02 min
 Lab File: BF105149.D
 Acq: 8 May 2018 17:40

Tgt Ion:146 Resp: 562
 Ion Ratio Lower Upper
 146 100
 148 312.0 50.6 75.8#
 111 1383.9 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: 1.805 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.02 min

Lab File: BF105149.D

Acq: 8 May 2018 17:40

Instrument :

BNA_F

ClientSampleId :

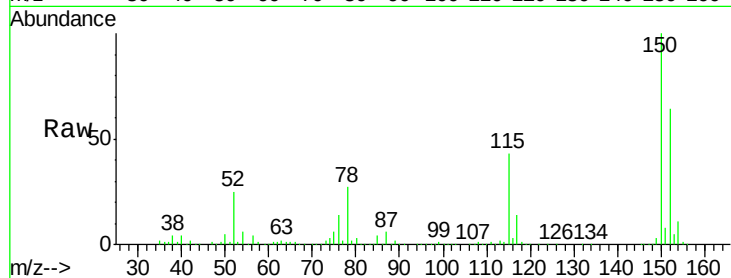
Tot Ion: 79 Resp: 24483

Ion Ratio Lower Upper

79 100

108 32.0 65.1 97.7#

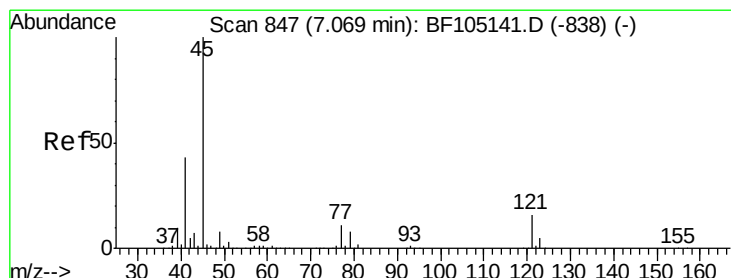
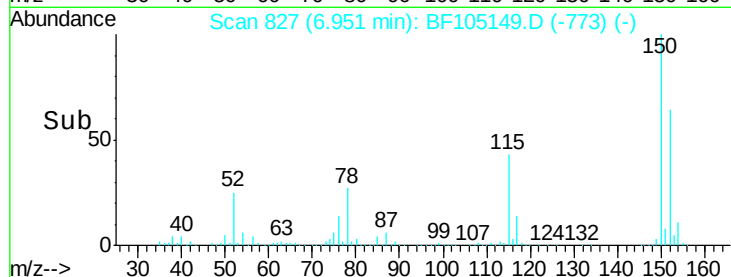
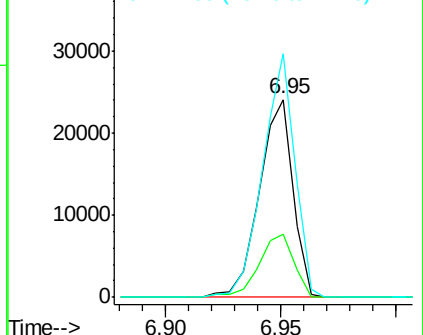
77 123.1 50.6 75.8#



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: 0.014 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.11 min

Lab File: BF105149.D

Acq: 8 May 2018 17:40

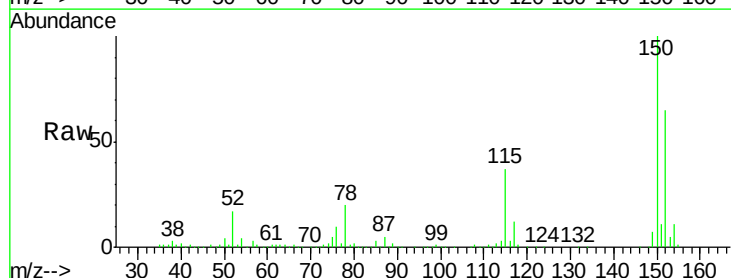
Tgt Ion: 45 Resp: 408

Ion Ratio Lower Upper

45 100

77 2663.8 0.0 32.9#

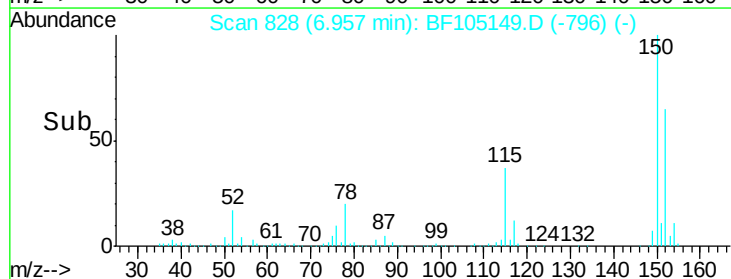
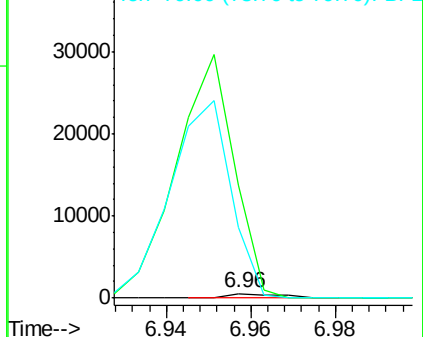
79 1672.3 0.0 29.6#

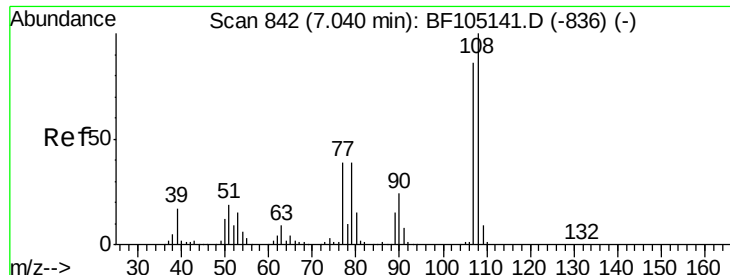


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 0.022 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.09 min

Lab File: BF105149.D

Acq: 8 May 2018 17:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 303

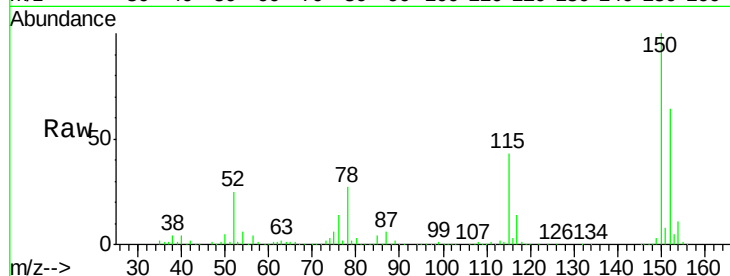
Ion Ratio Lower Upper

107 100

108 1610.4 91.7 137.5#

77 6191.2 33.8 50.8#

79 5030.5 33.8 50.8#

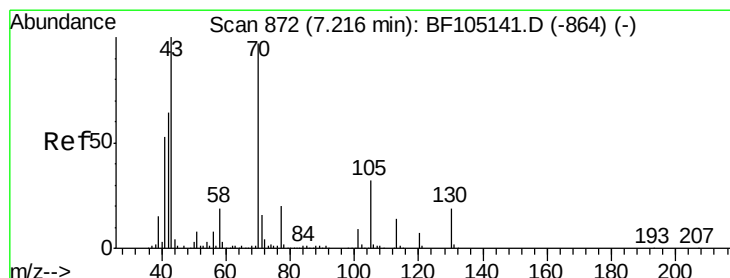
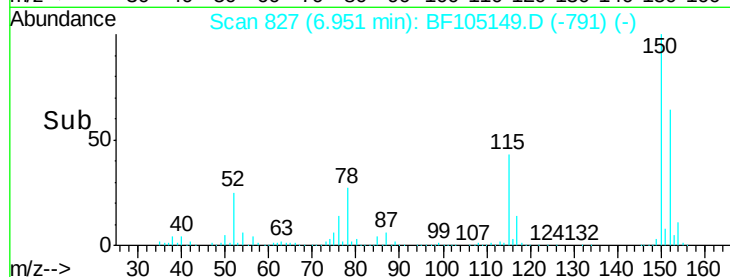
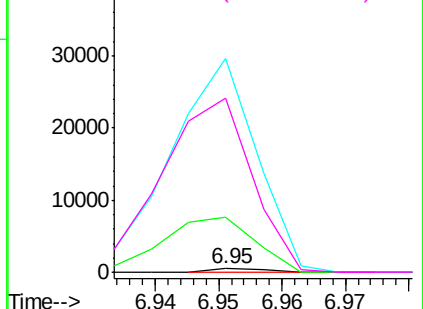


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 17.934 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF105149.D

Acq: 8 May 2018 17:40

Tgt Ion: 70 Resp: 210402

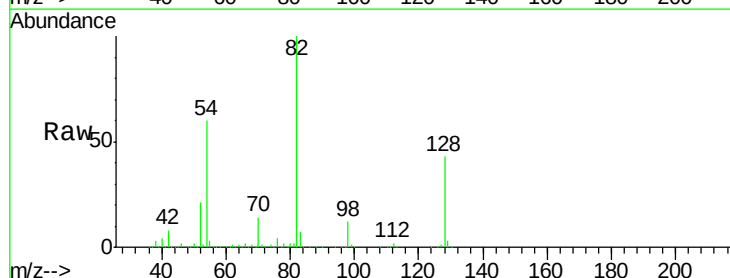
Ion Ratio Lower Upper

70 100

42 53.9 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

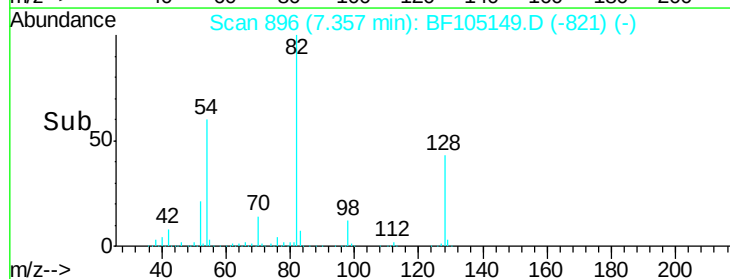
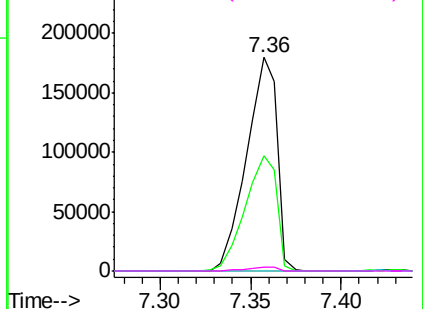


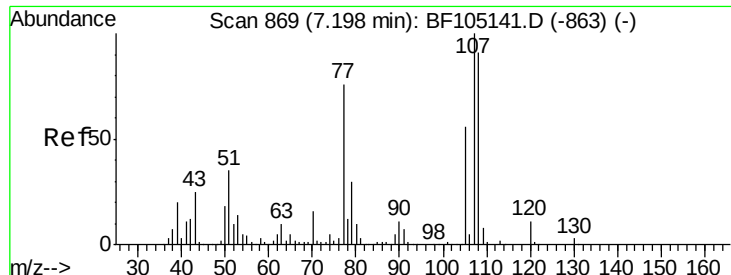
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

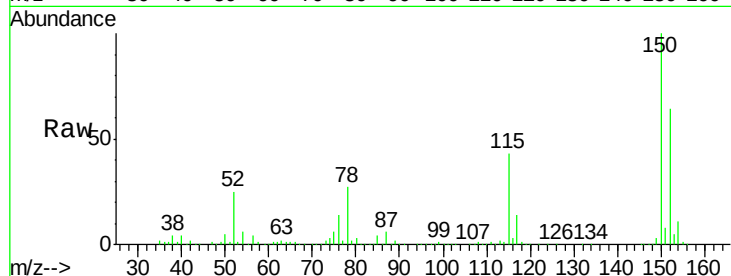




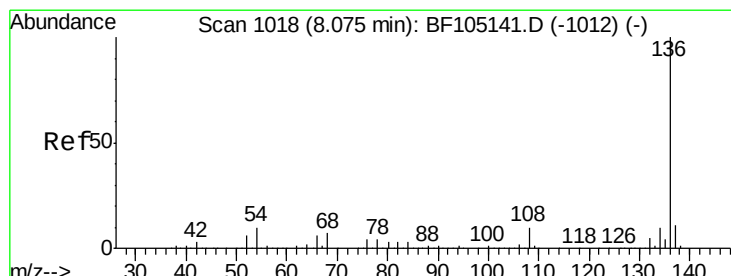
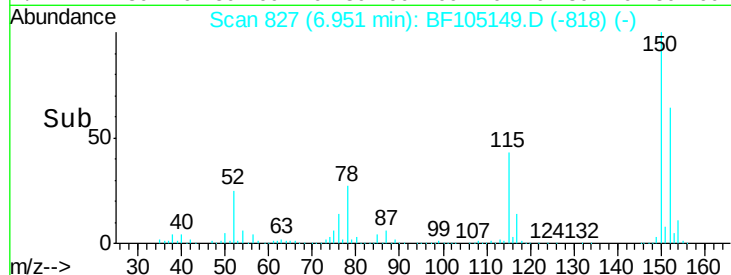
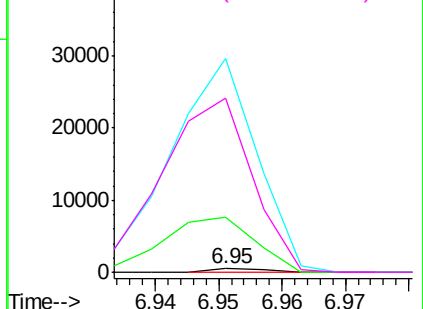
#20
3+4-Methylphenols
Concen: 0.019 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.25 min
Lab File: BF105149.D
Acq: 8 May 2018 17:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 303
Ion Ratio Lower Upper
107 100
108 1610.4 68.2 108.2#
77 6191.2 26.7 66.7#
79 5030.5 6.3 46.3#



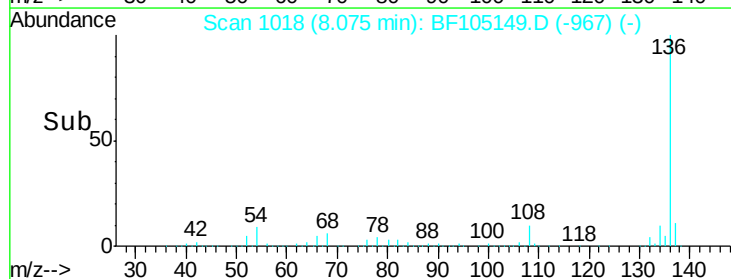
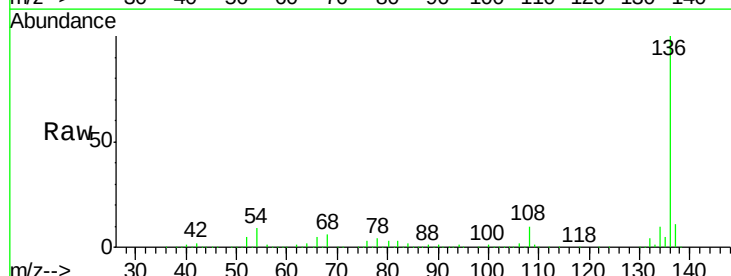
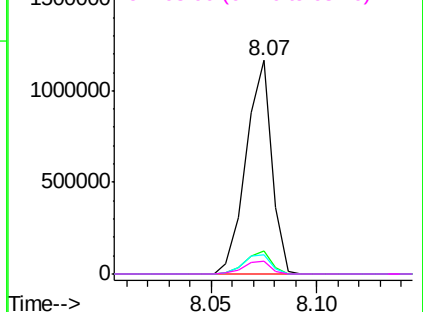
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

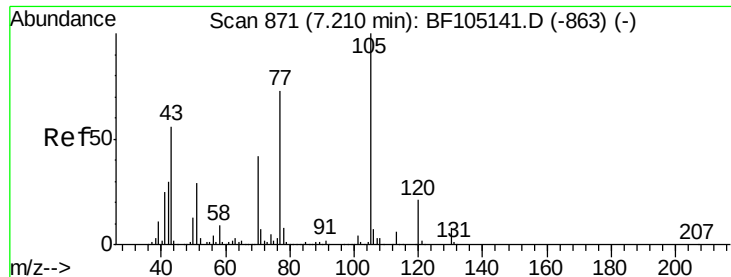


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF105149.D
Acq: 8 May 2018 17:40

Tgt Ion:136 Resp: 983734
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 9.2 6.6 9.8
68 6.1 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: 0.018 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.02 min

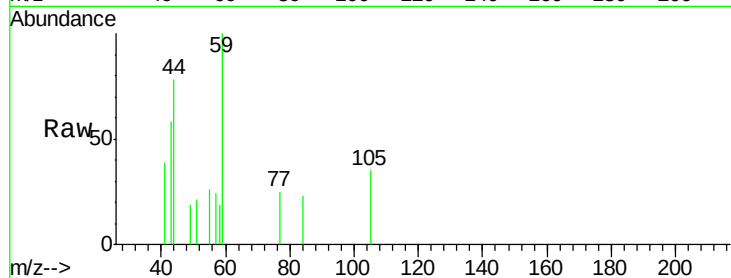
Lab File: BF105149.D

Acq: 8 May 2018 17:40

Instrument :

BNA_F

ClientSampleId :



Tot Ion:105 Resp: 416

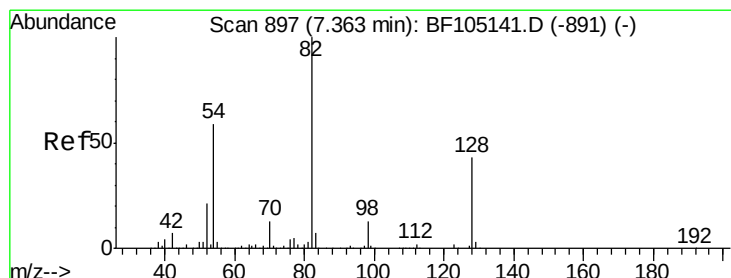
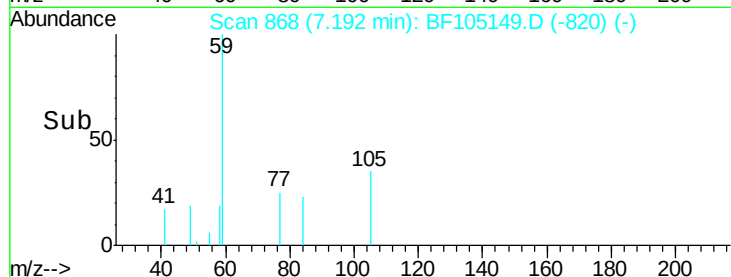
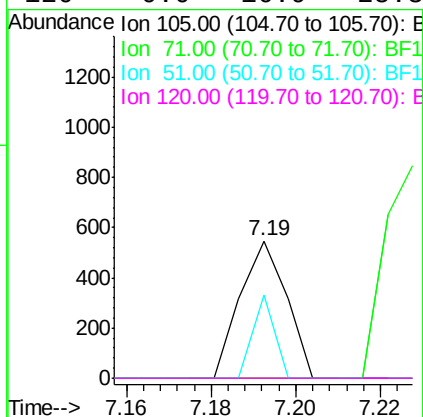
Ion Ratio Lower Upper

105 100

71 0.0 4.4 6.6#

51 60.9 22.3 33.5#

120 0.0 16.9 25.3#



#23

Nitrobenzene-d5

Concen: 105.106 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF105149.D

Acq: 8 May 2018 17:40

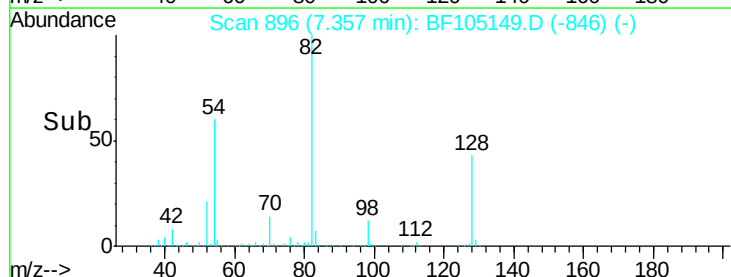
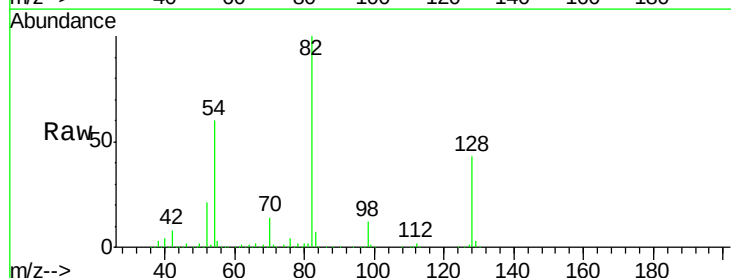
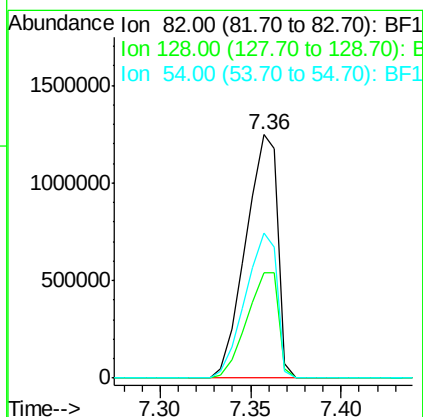
Tgt Ion: 82 Resp: 1525609

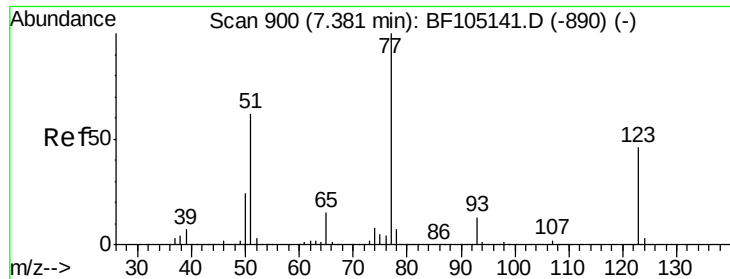
Ion Ratio Lower Upper

82 100

128 43.3 36.1 54.1

54 59.8 41.4 62.2





#24

Nitrobenzene

Concen: 0.291 ng

RT: 7.36 min Scan# 896

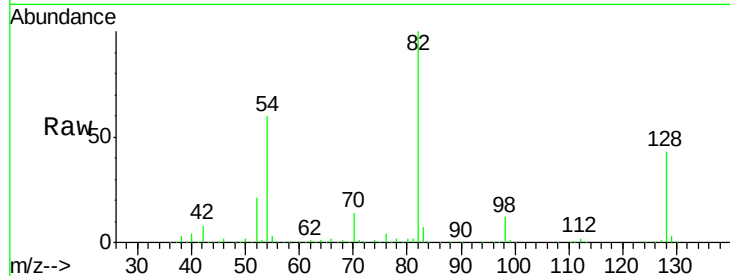
Delta R.T. -0.02 min

Lab File: BF105149.D

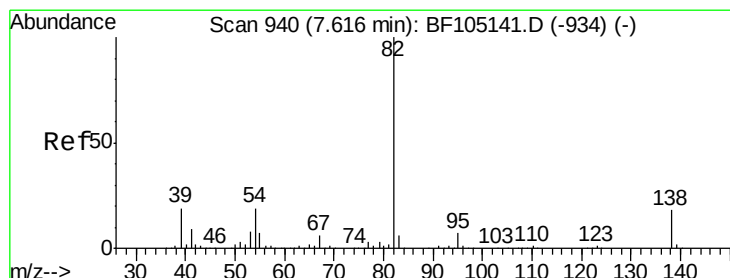
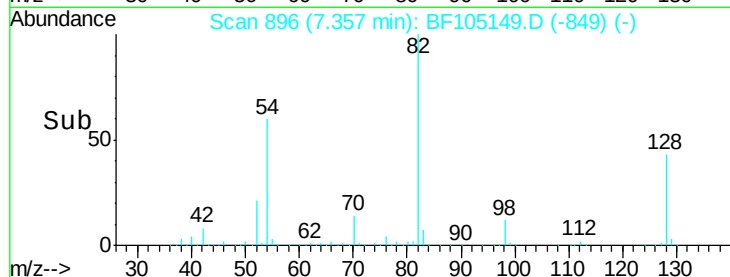
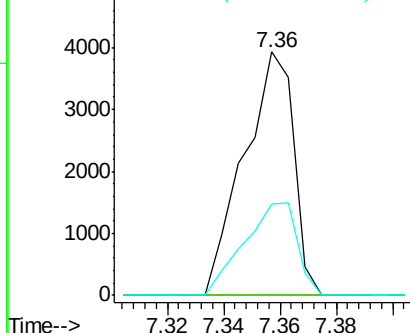
Acq: 8 May 2018 17:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 4787
Ion Ratio Lower Upper
77 100
123 0.0 37.9 56.9#
65 37.7 11.0 16.4#



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



#25

Isophorone

Concen: 46.951 ng

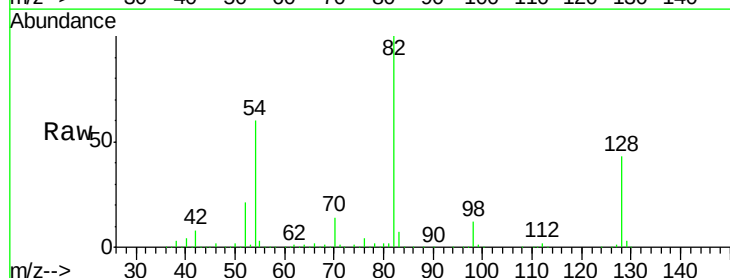
RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

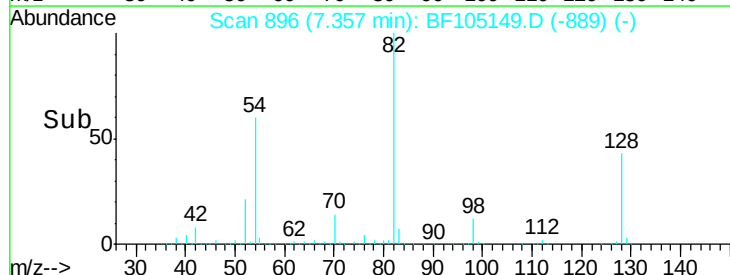
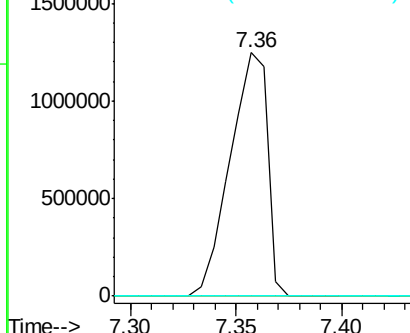
Lab File: BF105149.D

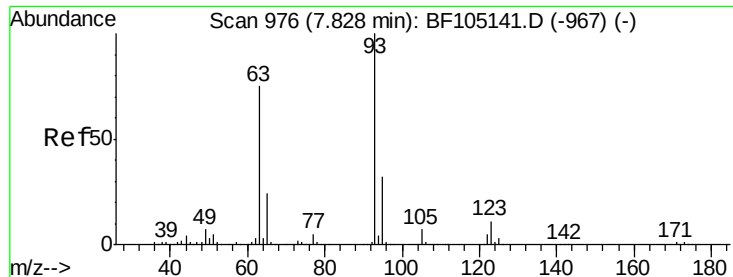
Acq: 8 May 2018 17:40

Tgt Ion: 82 Resp: 1524095
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1





#28

bis(2-Chloroethoxy)methane

Concen: 0.005 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.25 min

Lab File: BF105149.D

Acq: 8 May 2018 17:40

Instrument :

BNA_F

ClientSampleId :

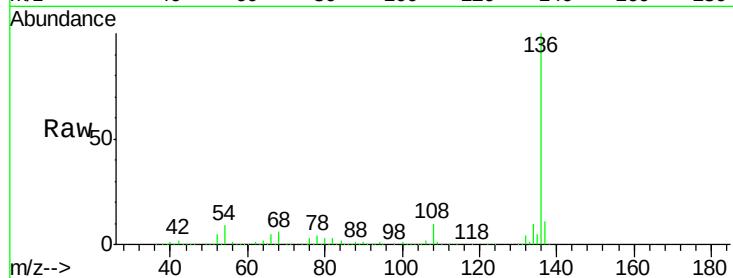
Tot Ion: 93 Resp: 110

Ion Ratio Lower Upper

93 100

95 220.3 26.3 39.5#

123 0.0 9.8 14.6#

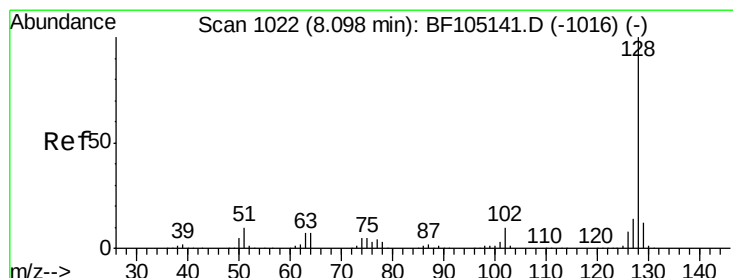
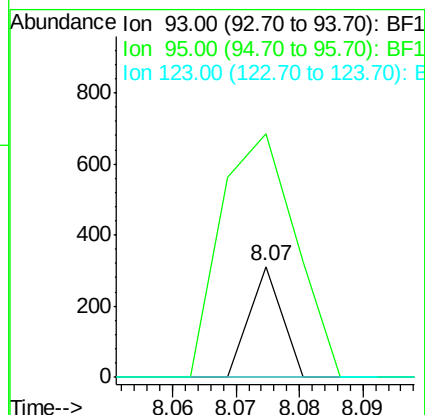
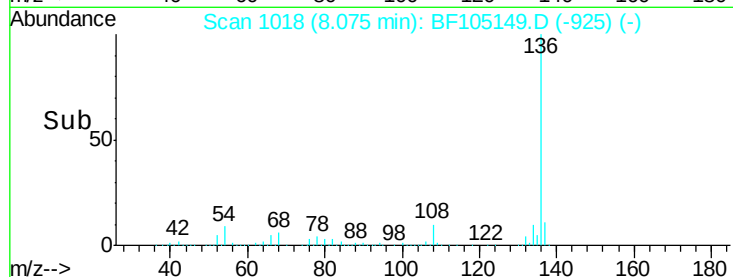


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Time-->



#31

Naphthalene

Concen: 0.016 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF105149.D

Acq: 8 May 2018 17:40

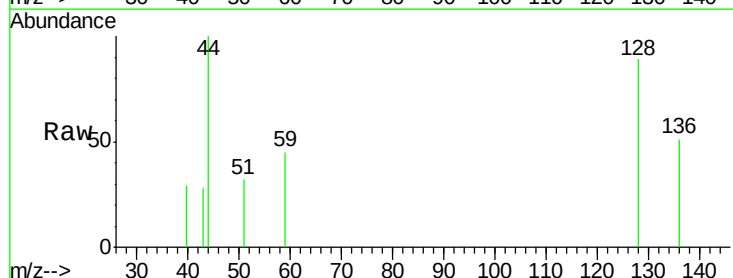
Tgt Ion: 128 Resp: 749

Ion Ratio Lower Upper

128 100

129 0.0 8.8 13.2#

127 0.0 10.9 16.3#

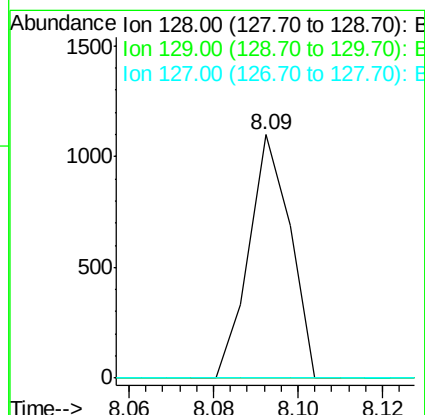
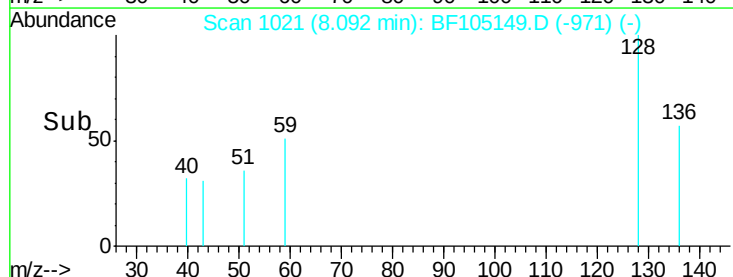


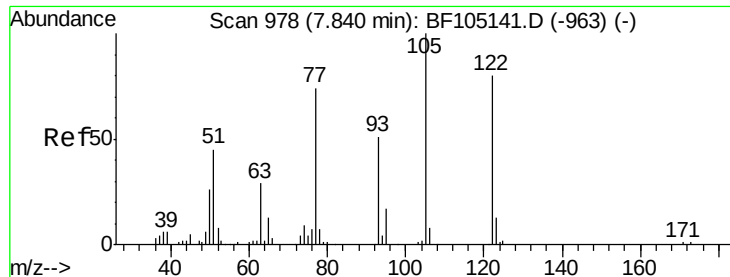
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

Time-->





#32

Benzoic acid

Concen: 9.154 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.24 min

Lab File: BF105149.D

Acq: 8 May 2018 17:40

Instrument :

BNA_F

ClientSampleId :

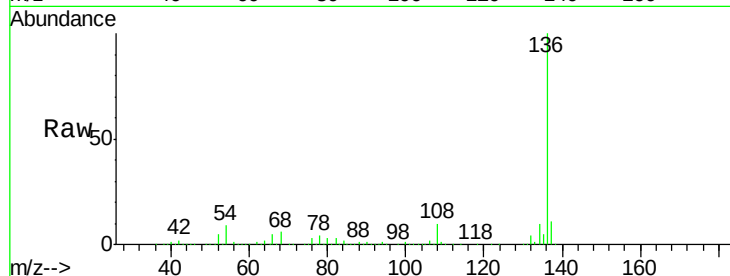
Tot Ion:122 Resp: 110

Ion Ratio Lower Upper

122 100

105 373.4 101.1 141.1#

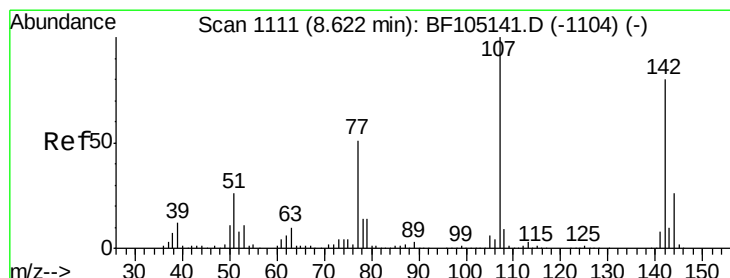
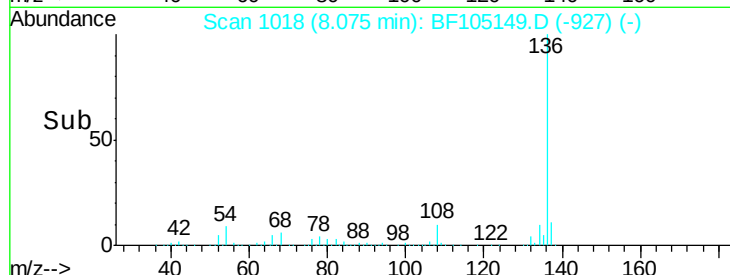
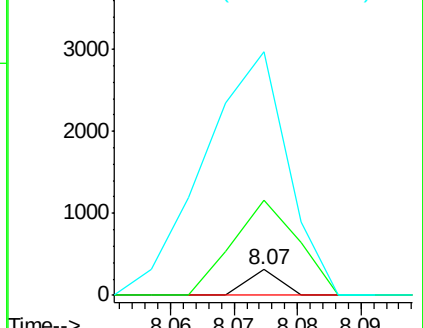
77 952.2 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 0.010 ng

RT: 8.35 min Scan# 1065

Delta R.T. -0.27 min

Lab File: BF105149.D

Acq: 8 May 2018 17:40

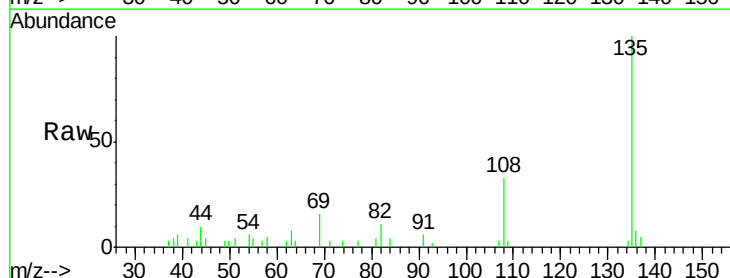
Tgt Ion:107 Resp: 147

Ion Ratio Lower Upper

107 100

144 0.0 20.5 30.7#

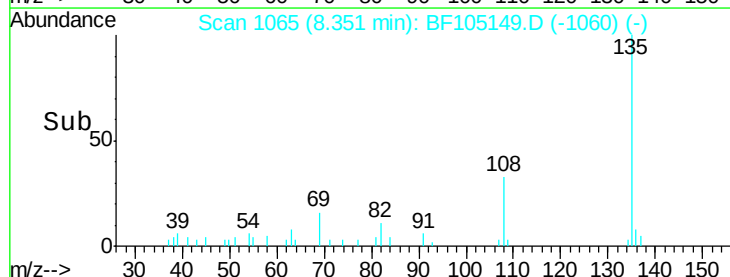
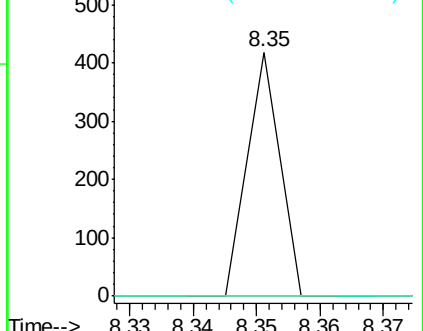
142 0.0 62.0 93.0#

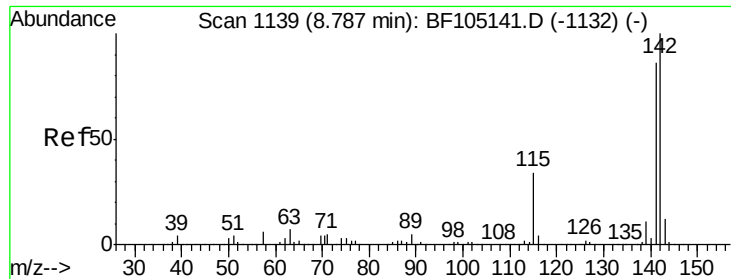


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

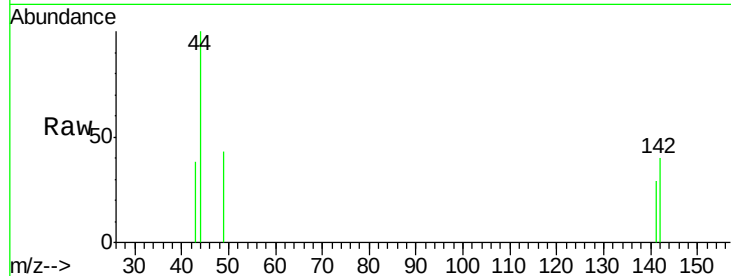




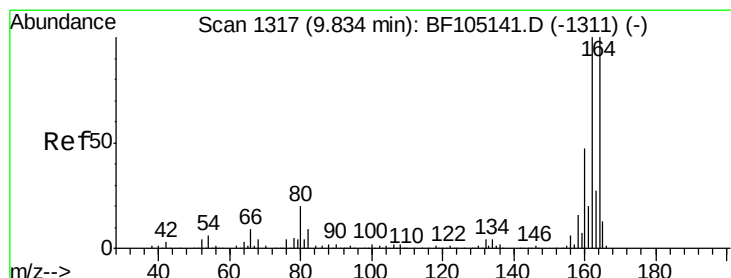
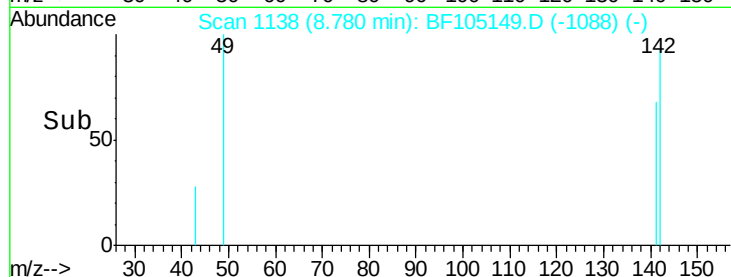
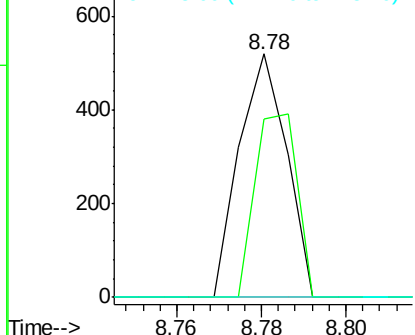
#37
2-Methylnaphthalene
Concen: 0.012 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF105149.D
Acq: 8 May 2018 17:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 403
Ion Ratio Lower Upper
142 100
141 73.4 70.8 106.2
115 0.0 26.1 39.1#

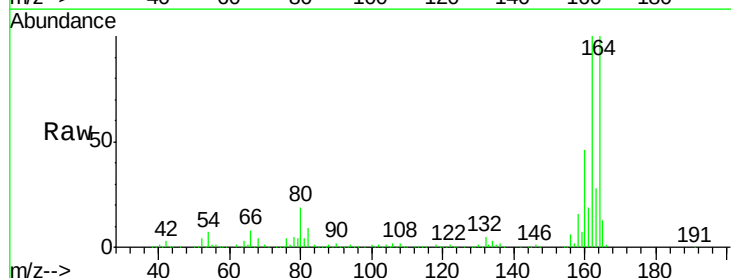


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

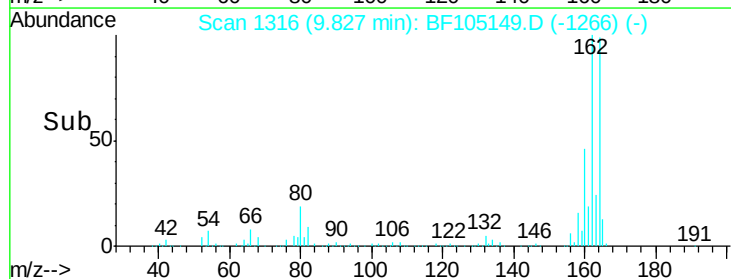
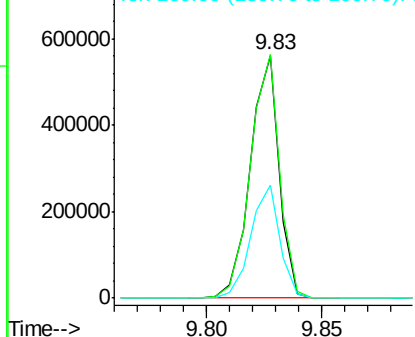


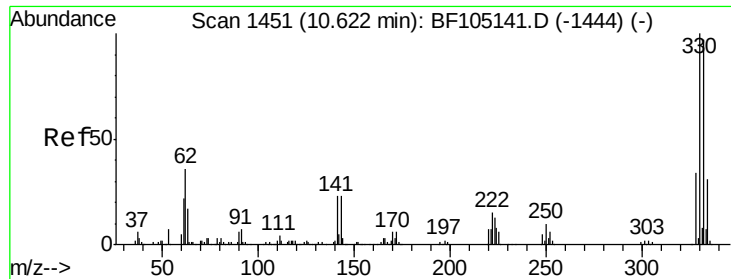
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF105149.D
Acq: 8 May 2018 17:40

Tgt Ion:164 Resp: 486325
Ion Ratio Lower Upper
164 100
162 100.4 86.1 129.1
160 46.6 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

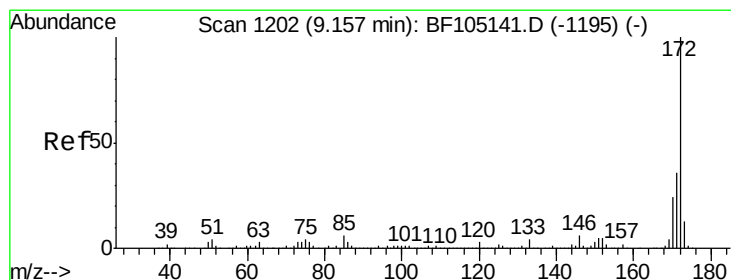
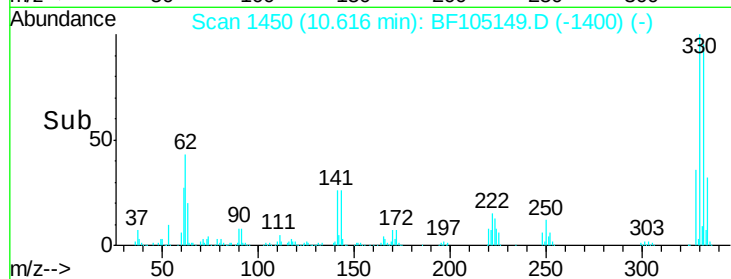
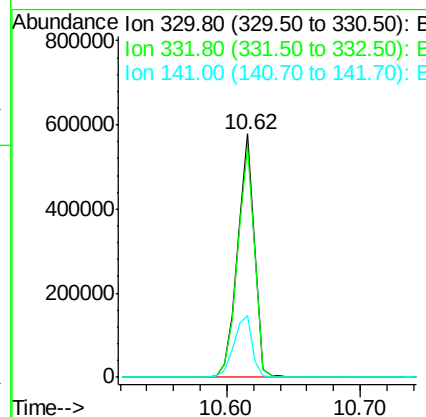
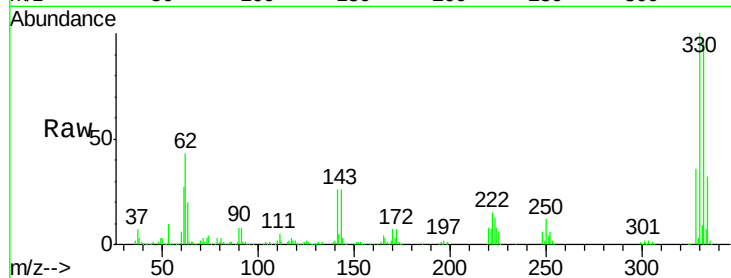




#41
 2,4,6-Tribromophenol
 Concen: 96.091 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF105149.D
 Acq: 8 May 2018 17:40

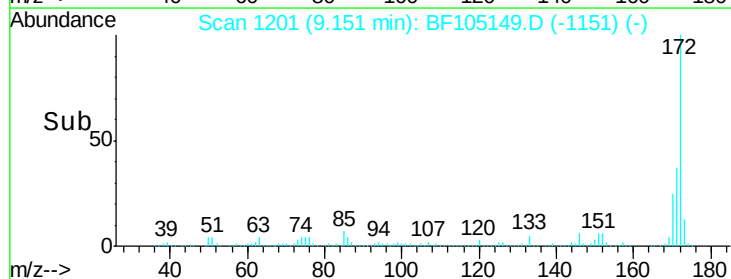
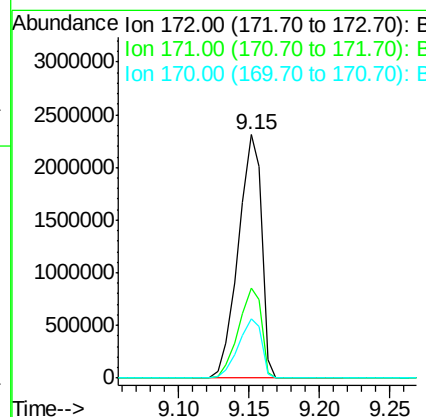
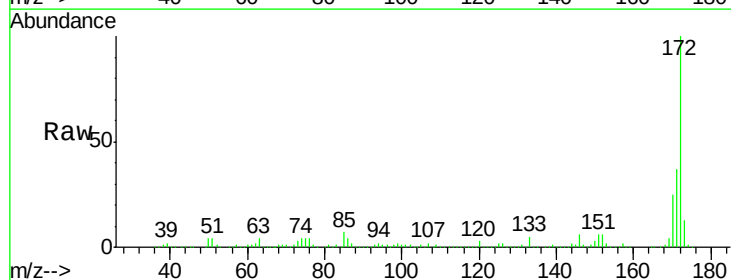
Instrument :
 BNA_F
 ClientSampleId :

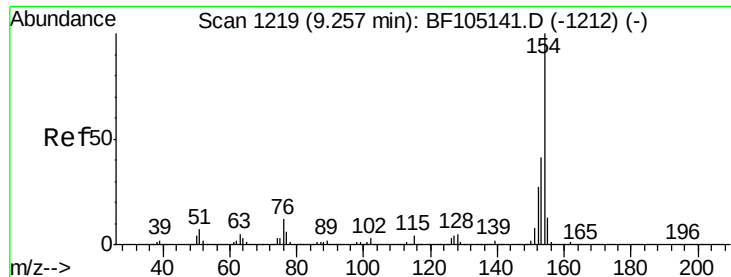
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	27.9	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 84.225 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF105149.D
 Acq: 8 May 2018 17:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.5	19.6	29.4





#45

1,1'-Biphenyl

Concen: 0.235 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF105149.D

Acq: 8 May 2018 17:40

Instrument :

BNA_F

ClientSampleId :

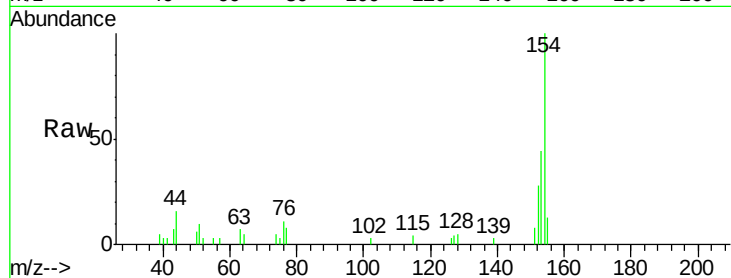
Tot Ion:154 Resp: 9331

Ion Ratio Lower Upper

154 100

153 44.2 21.3 61.3

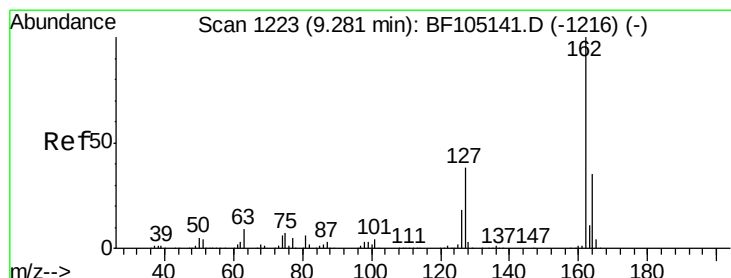
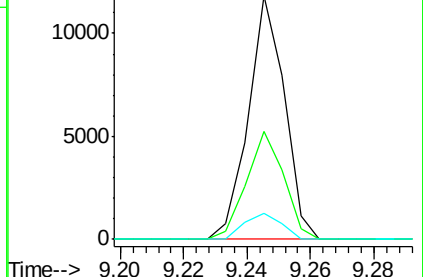
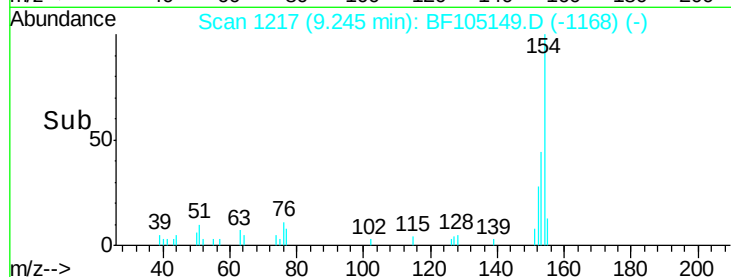
76 10.8 0.0 34.0



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: 0.007 ng

RT: 9.54 min Scan# 1267

Delta R.T. 0.26 min

Lab File: BF105149.D

Acq: 8 May 2018 17:40

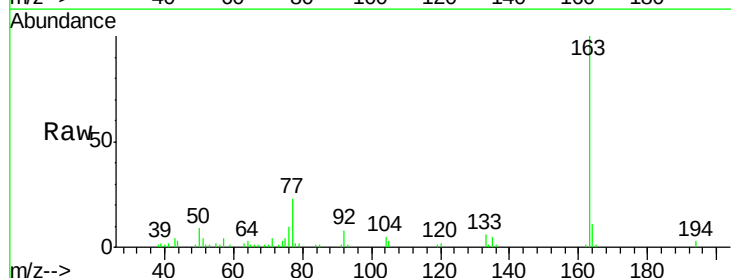
Tgt Ion:162 Resp: 211

Ion Ratio Lower Upper

162 100

127 0.0 33.9 50.9#

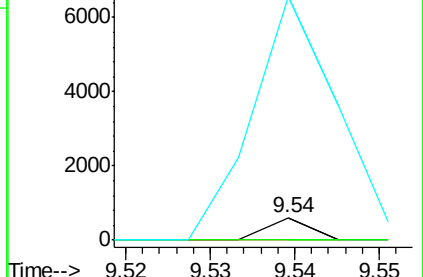
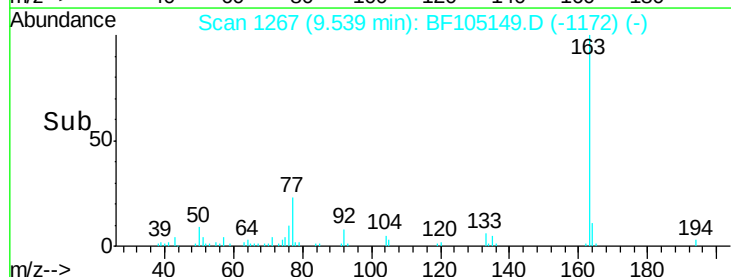
164 1095.8 26.5 39.7#

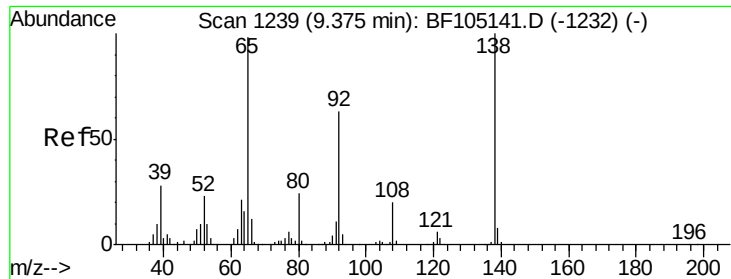


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

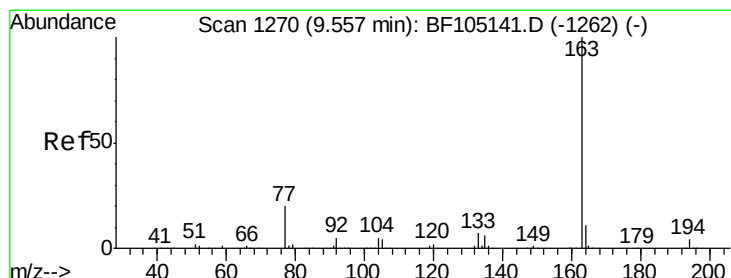
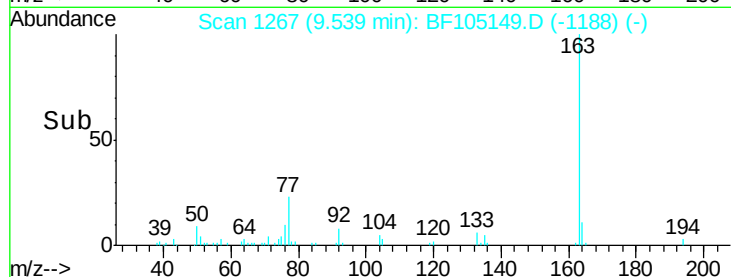
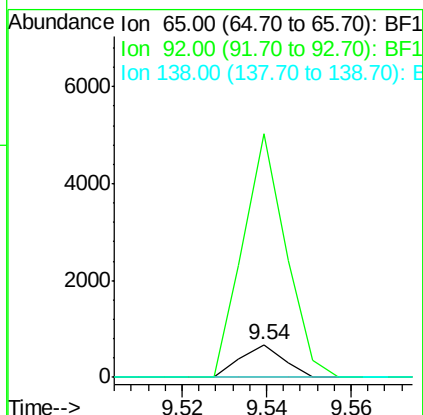
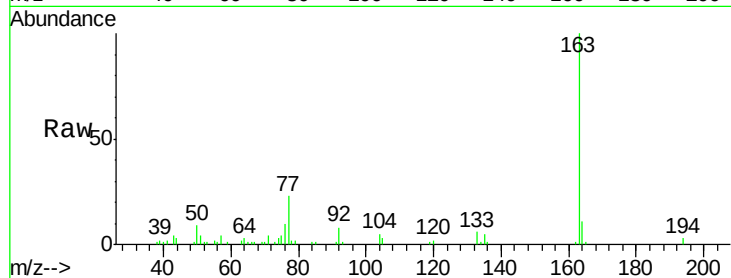




#47
2-Nitroaniline
Concen: 5.848 ng
RT: 9.54 min Scan# 1267
Delta R.T. 0.17 min
Lab File: BF105149.D
Acq: 8 May 2018 17:40

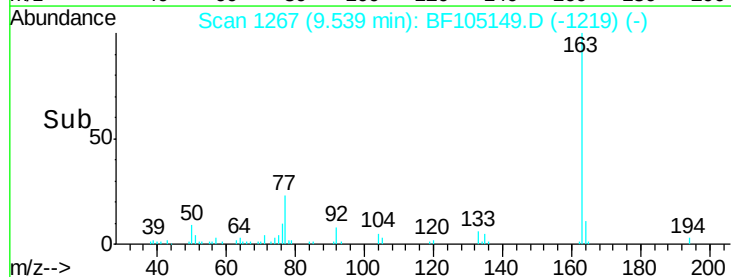
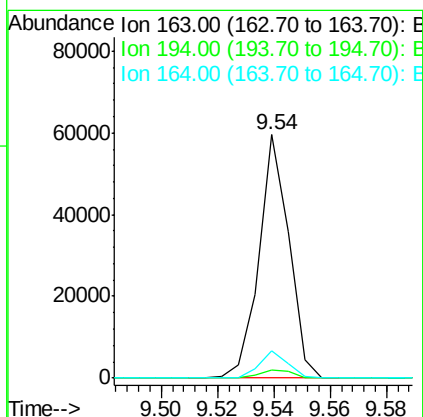
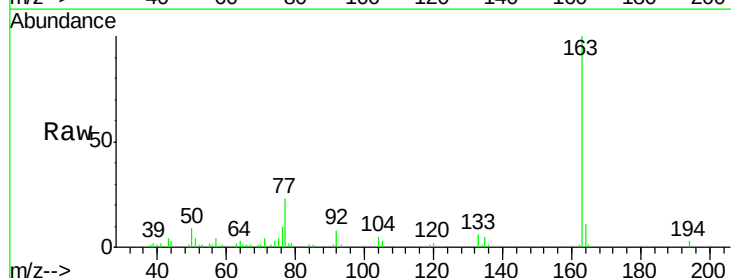
Instrument :
BNA_F
ClientSampleId :

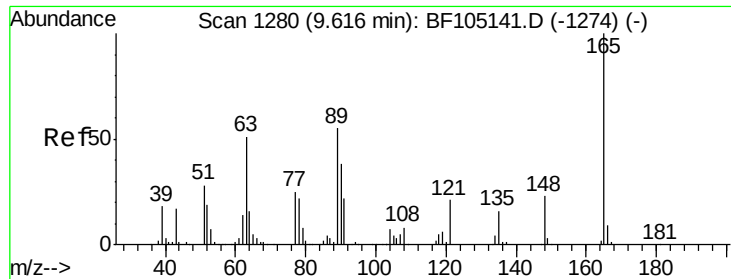
Tot Ion: 65 Resp: 479
Ion Ratio Lower Upper
65 100
92 741.6 55.8 83.6#
138 0.0 91.2 136.8#



#49
Dimethylphthalate
Concen: 1.331 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF105149.D
Acq: 8 May 2018 17:40

Tgt Ion:163 Resp: 43826
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 11.0 8.2 12.2

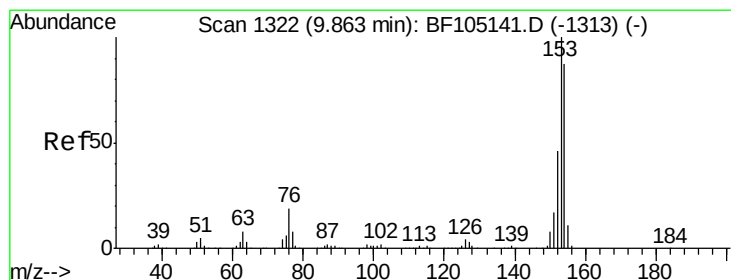
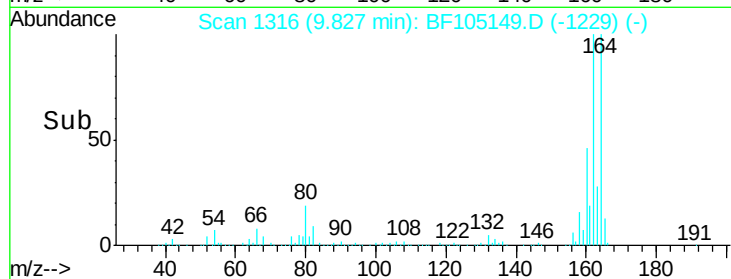
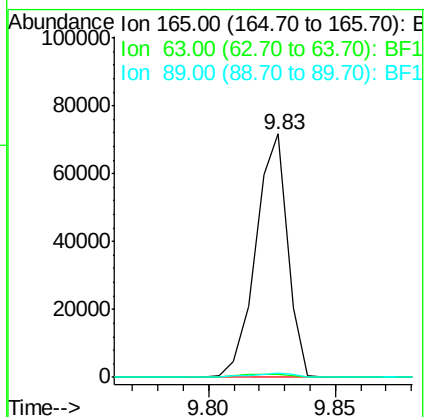
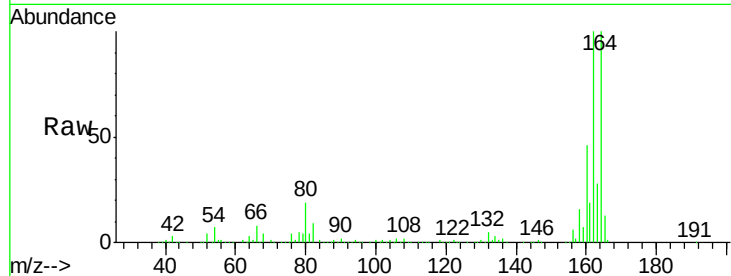




#50
 2,6-Dinitrotoluene
 Concen: 8.844 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.21 min
 Lab File: BF105149.D
 Acq: 8 May 2018 17:40

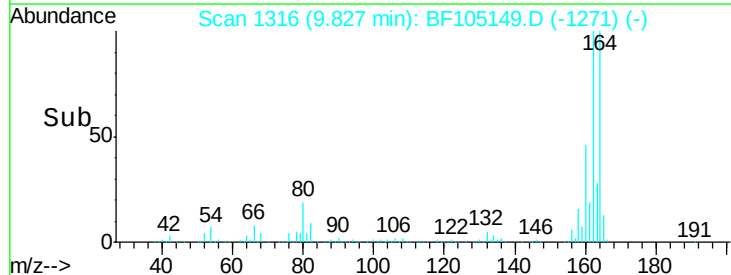
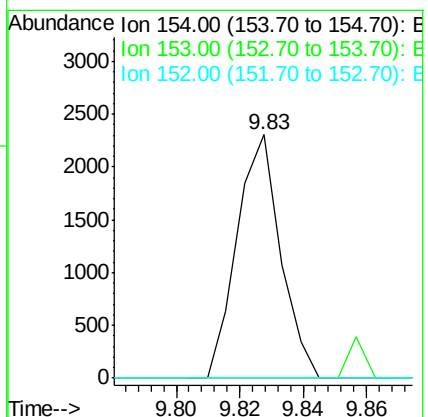
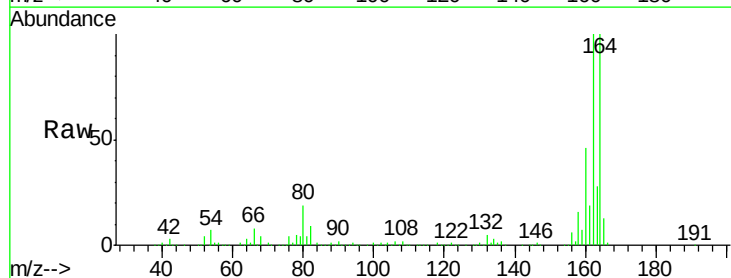
Instrument :
 BNA_F
 ClientSampleId :

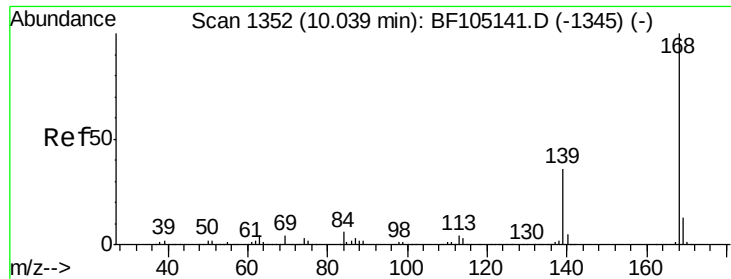
Tot Ion:165 Resp: 63181
 Ion Ratio Lower Upper
 165 100
 63 1.3 44.7 67.1#
 89 1.5 44.0 66.0#



#51
 Acenaphthene
 Concen: 0.074 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.04 min
 Lab File: BF105149.D
 Acq: 8 May 2018 17:40

Tgt Ion:154 Resp: 2190
 Ion Ratio Lower Upper
 154 100
 153 0.0 91.2 136.8#
 152 0.0 43.8 65.8#





#54

Dibenzofuran

Concen: 0.010 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.02 min

Lab File: BF105149.D

Acq: 8 May 2018 17:40

Instrument :

BNA_F

ClientSampleId :

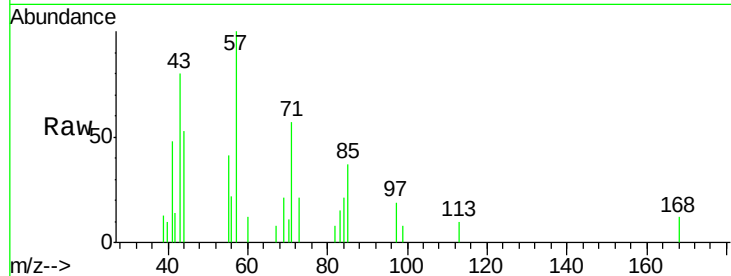
Tot Ion:168 Resp: 417

Ion Ratio Lower Upper

168 100

139 0.0 30.1 45.1#

169 0.0 10.9 16.3#

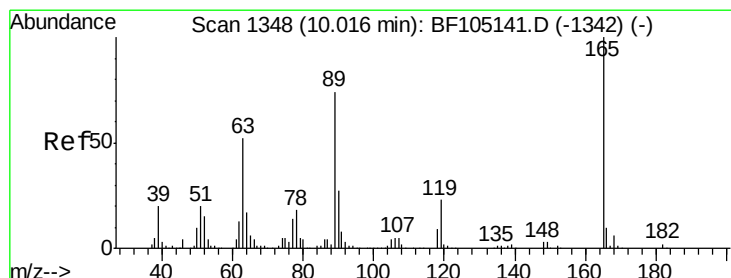
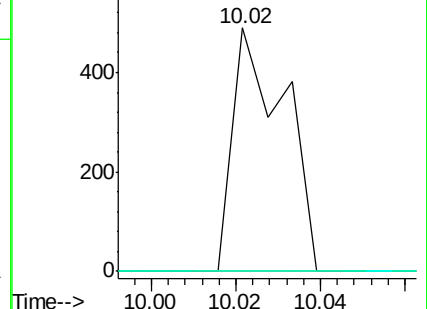
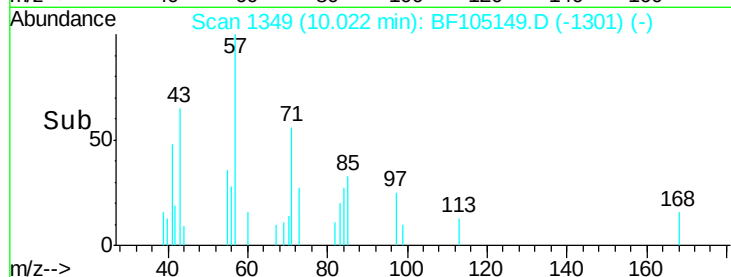


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

Time-->



#56

2,4-Dinitrotoluene

Concen: 9.760 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.19 min

Lab File: BF105149.D

Acq: 8 May 2018 17:40

Tgt Ion:165 Resp: 63181

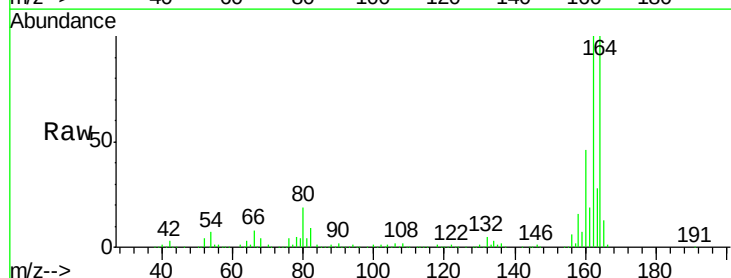
Ion Ratio Lower Upper

165 100

63 1.3 36.4 54.6#

89 1.5 57.8 86.6#

182 0.0 1.6 2.4#



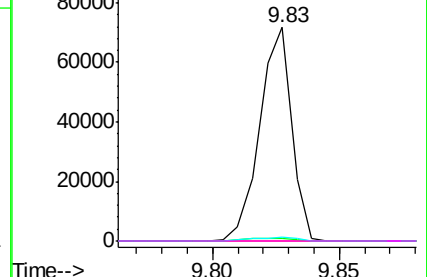
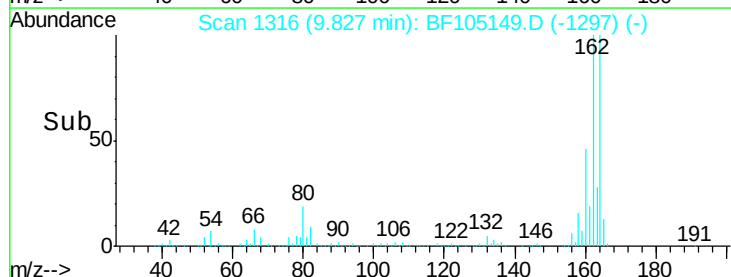
Abundance Ion 165.00 (164.70 to 165.70): E

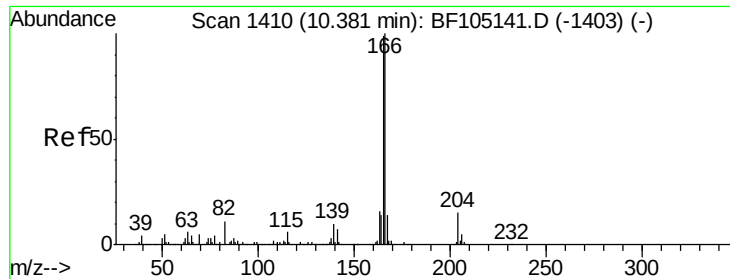
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

Time-->





#57

Fluorene

Concen: 0.626 ng

RT: 10.62 min Scan# 1450

Delta R.T. 0.24 min

Lab File: BF105149.D

Acq: 8 May 2018 17:40

Instrument :

BNA_F

ClientSampleId :

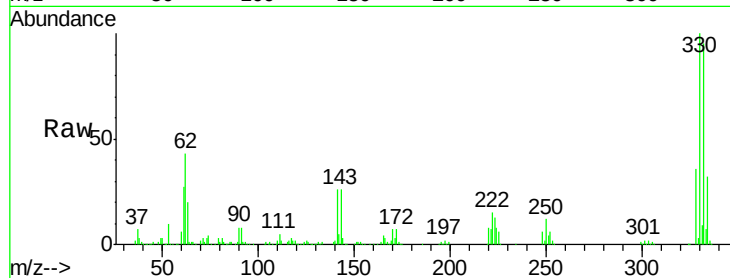
Tot Ion:166 Resp: 19795

Ion Ratio Lower Upper

166 100

165 105.7 79.8 119.8

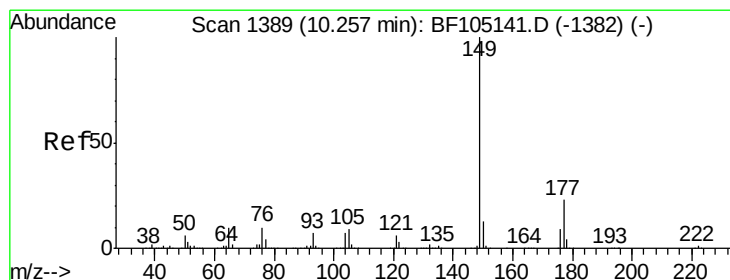
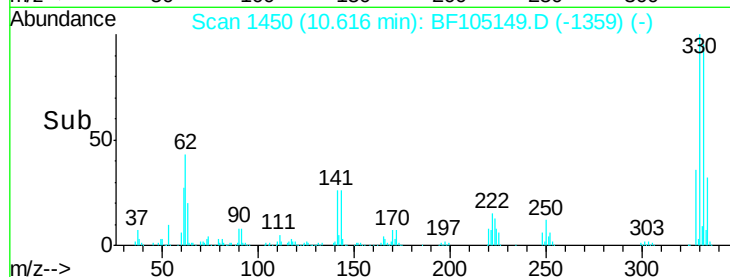
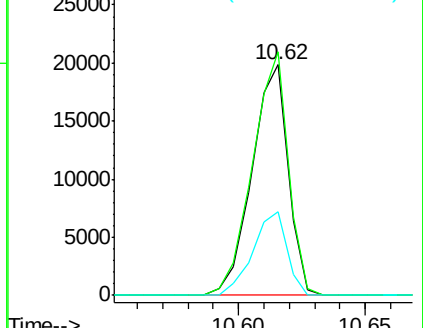
167 41.4 10.6 16.0#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

Diethylphthalate

Concen: 0.172 ng

RT: 10.25 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BF105149.D

Acq: 8 May 2018 17:40

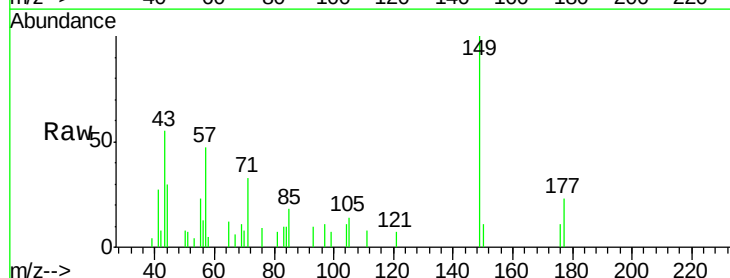
Tgt Ion:149 Resp: 5578

Ion Ratio Lower Upper

149 100

177 22.7 16.1 24.1

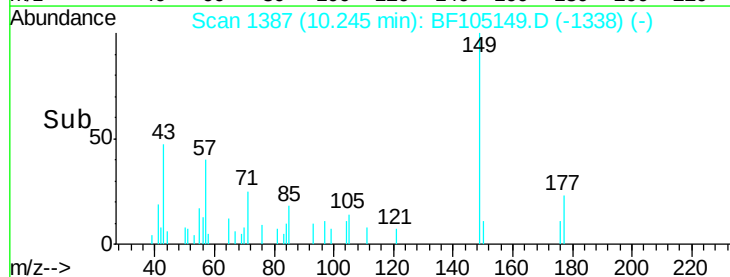
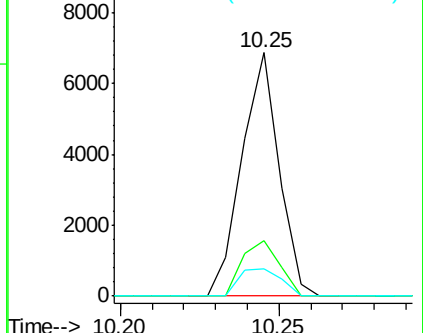
150 11.5 10.1 15.1

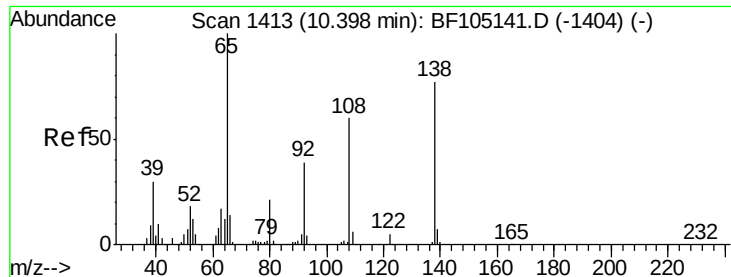


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

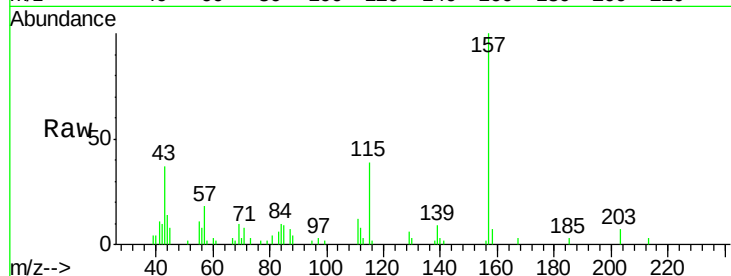




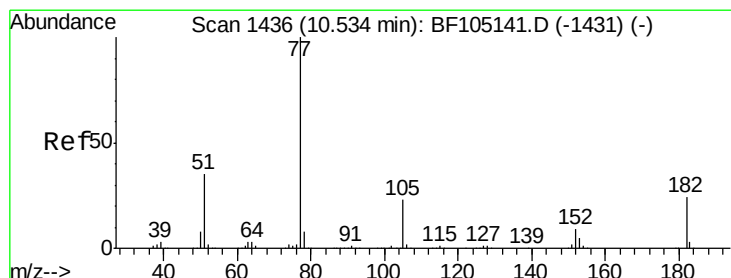
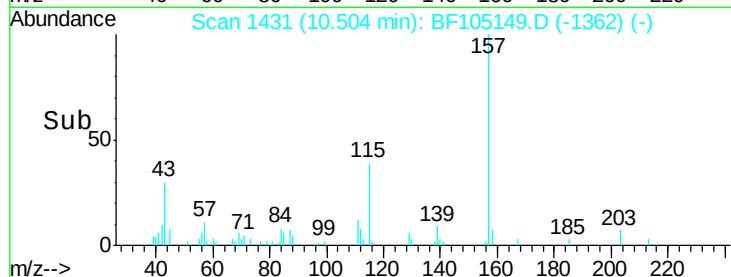
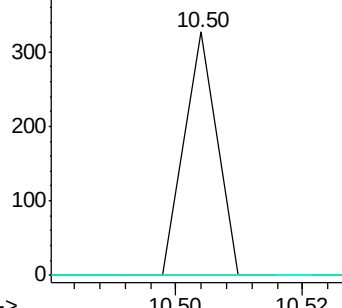
#61
4-Nitroaniline
Concen: 0.015 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.11 min
Lab File: BF105149.D
Acq: 8 May 2018 17:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 115
Ion Ratio Lower Upper
138 100
92 0.0 30.2 70.2#
108 0.0 52.5 92.5#

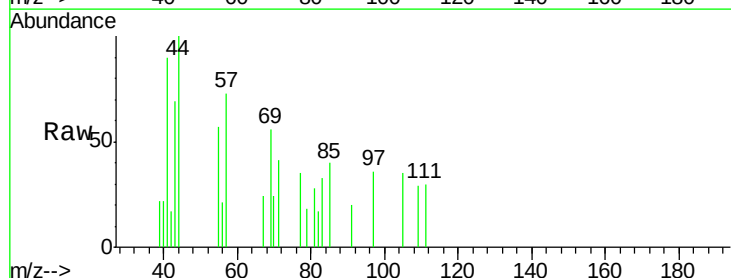


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

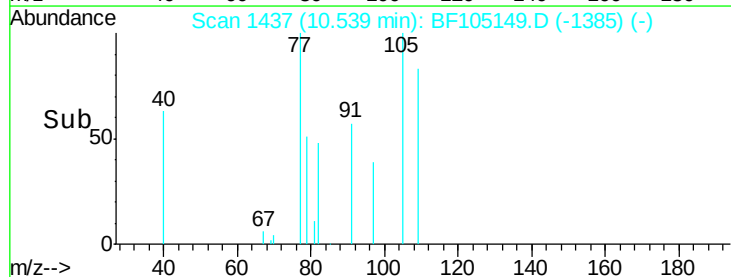
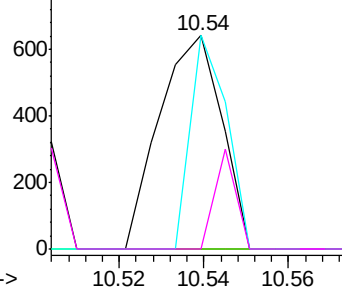


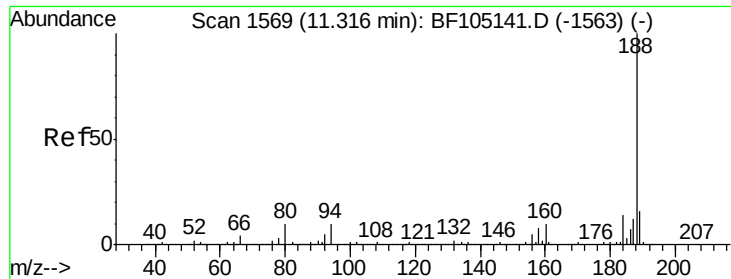
#62
Azobenzene
Concen: 0.020 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BF105149.D
Acq: 8 May 2018 17:40

Tgt Ion: 77 Resp: 659
Ion Ratio Lower Upper
77 100
182 0.0 1.7 41.7#
105 100.0 3.0 43.0#
51 0.0 9.9 49.9#



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

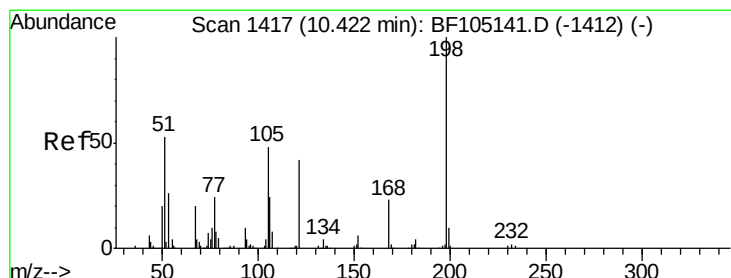
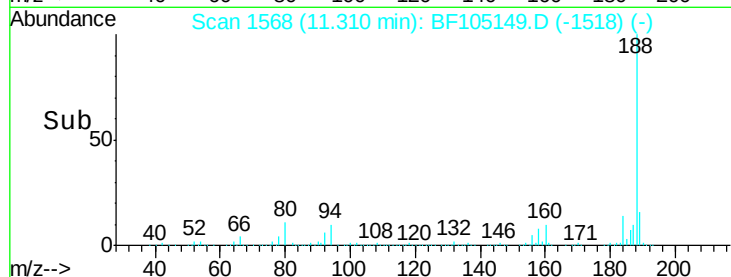
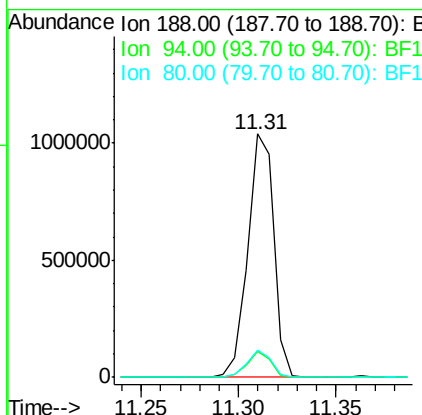
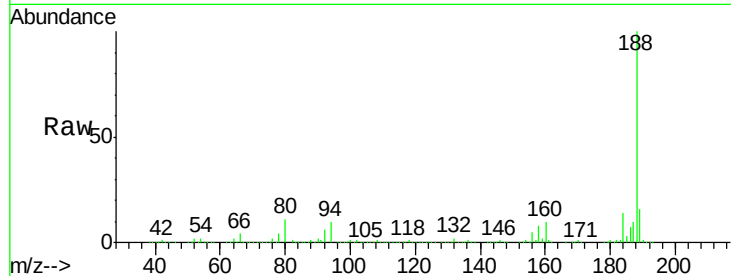




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF105149.D
 Acq: 8 May 2018 17:40

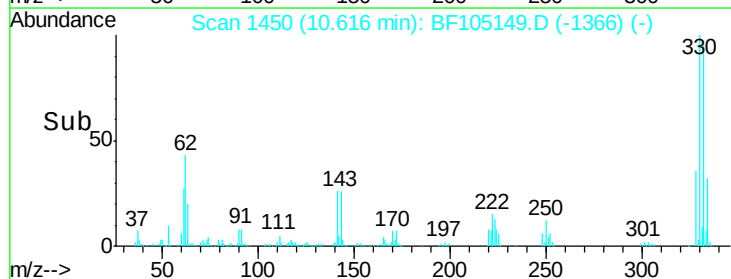
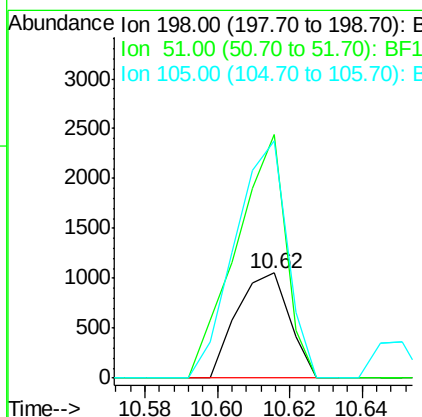
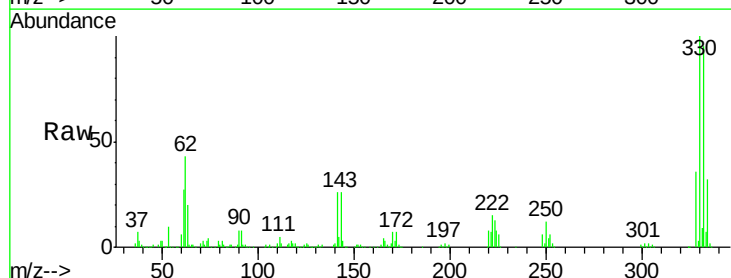
Instrument :
 BNA_F
 ClientSampleId :

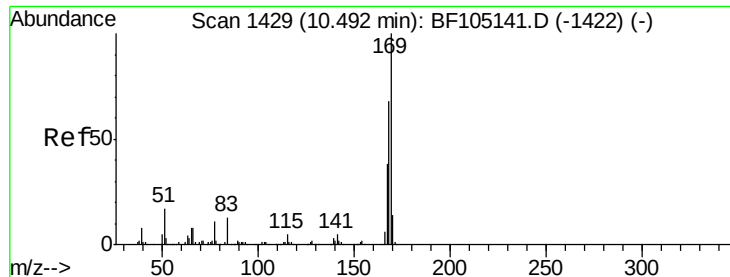
Tot Ion:188 Resp: 959132
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.5 12.7
 80 11.3 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.075 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. 0.19 min
 Lab File: BF105149.D
 Acq: 8 May 2018 17:40

Tgt Ion:198 Resp: 1059
 Ion Ratio Lower Upper
 198 100
 51 232.3 37.7 77.7#
 105 226.2 36.3 76.3#

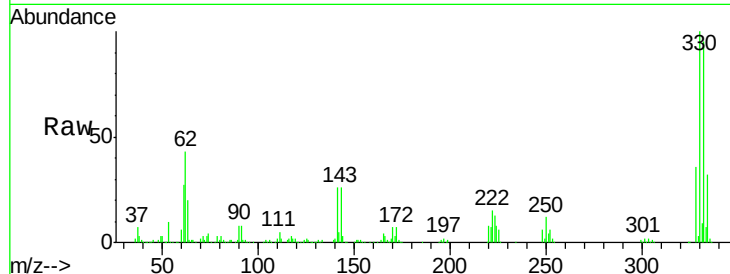




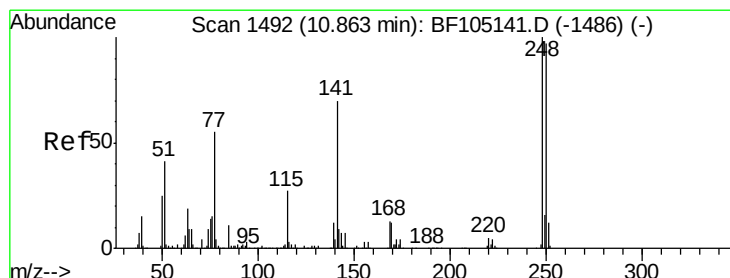
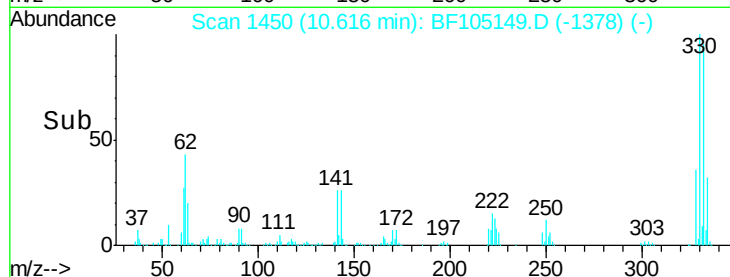
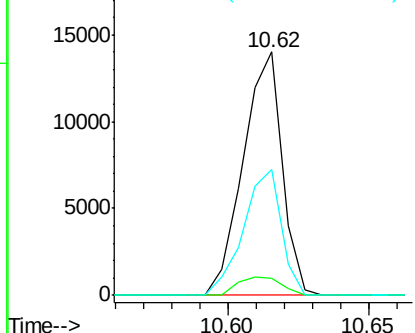
#65
n-Nitrosodiphenylamine
Concen: 0.448 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.12 min
Lab File: BF105149.D
Acq: 8 May 2018 17:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 13400
Ion Ratio Lower Upper
169 100
168 7.1 54.4 81.6#
167 58.5 29.8 44.6#

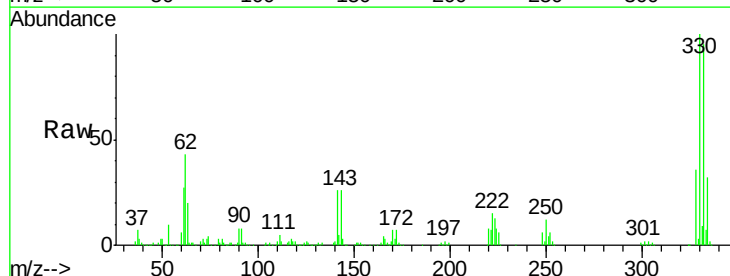


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

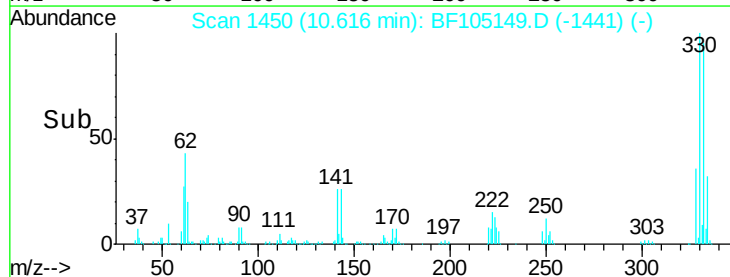
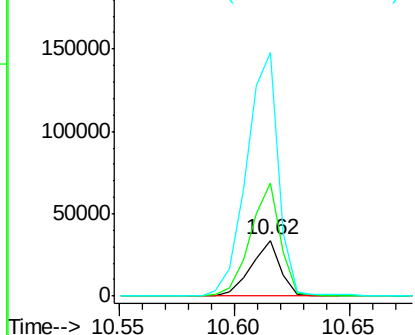


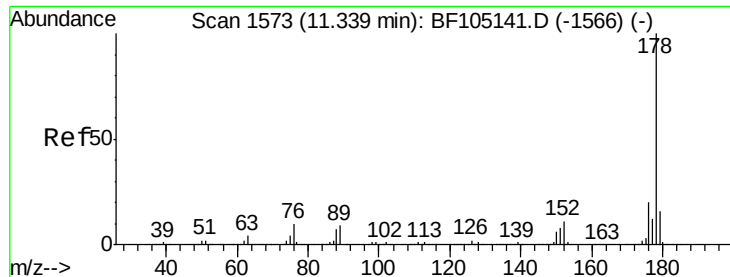
#66
4-Bromophenyl-phenylether
Concen: 2.946 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF105149.D
Acq: 8 May 2018 17:40

Tgt Ion:248 Resp: 30135
Ion Ratio Lower Upper
248 100
250 201.8 76.9 115.3#
141 437.1 74.4 111.6#



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





#70

Phenanthrene

Concen: 0.023 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF105149.D

Acq: 8 May 2018 17:40

Instrument :

BNA_F

ClientSampled :

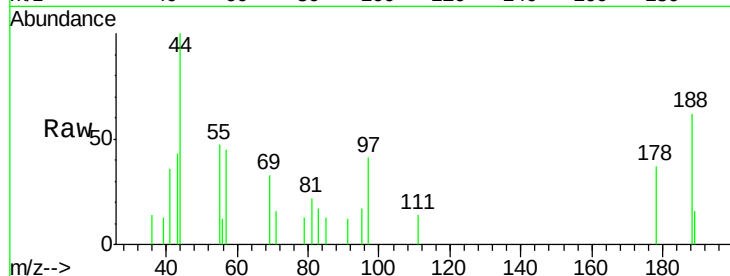
Tot Ion:178 Resp: 1158

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.8#

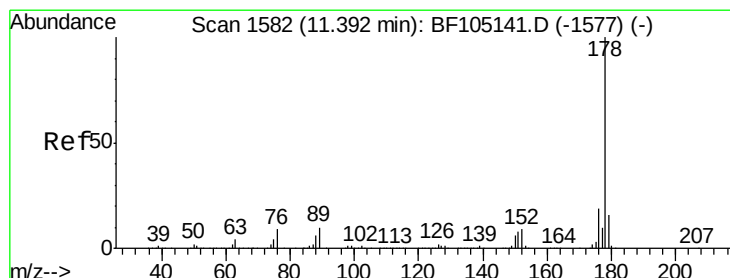
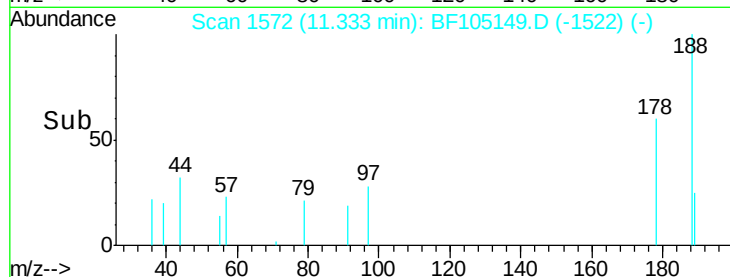
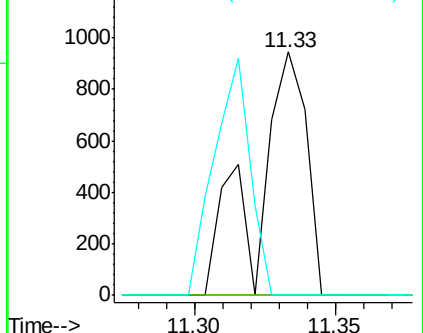
179 0.0 13.0 19.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 0.023 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.06 min

Lab File: BF105149.D

Acq: 8 May 2018 17:40

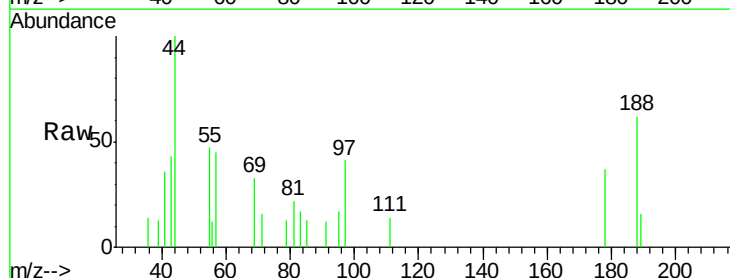
Tgt Ion:178 Resp: 1158

Ion Ratio Lower Upper

178 100

176 0.0 15.4 23.2#

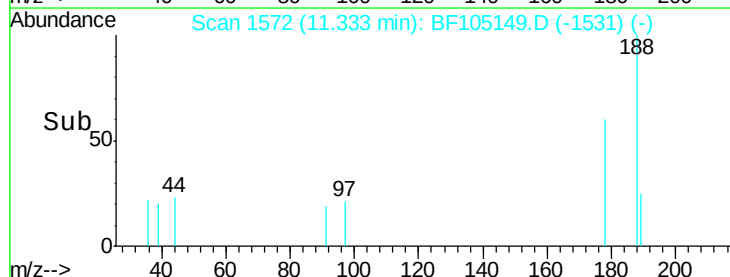
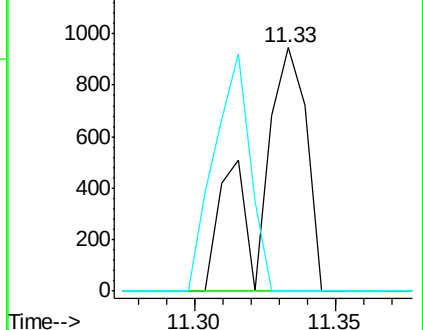
179 0.0 12.6 19.0#

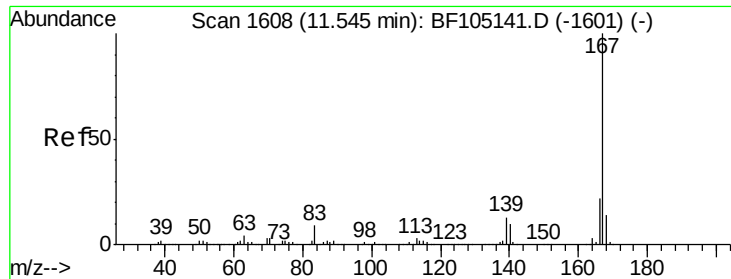


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.002 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.23 min

Lab File: BF105149.D

Acq: 8 May 2018 17:40

Instrument :

BNA_F

ClientSampled :

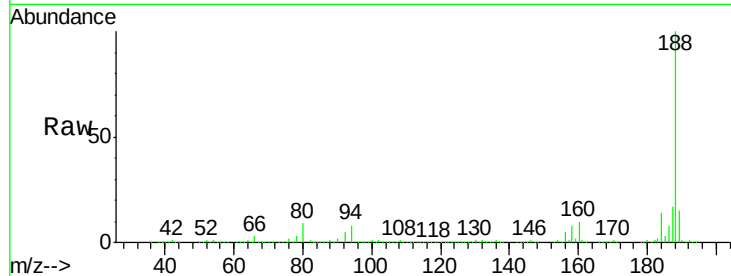
Tot Ion:167 Resp: 110

Ion Ratio Lower Upper

167 100

166 215.7 17.6 26.4#

139 0.0 10.9 16.3#

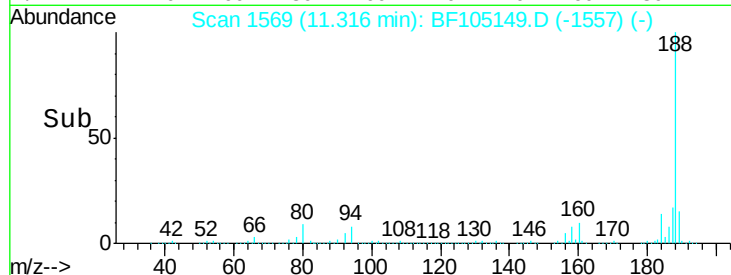


Abundance Ion 167.00 (166.70 to 167.70): E

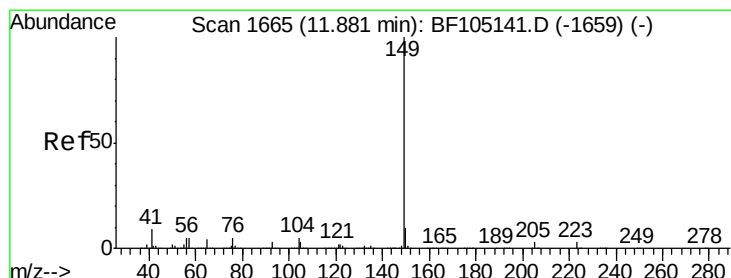
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

11.32



Time-->



#73

Di-n-butylphthalate

Concen: 0.048 ng

RT: 11.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BF105149.D

Acq: 8 May 2018 17:40

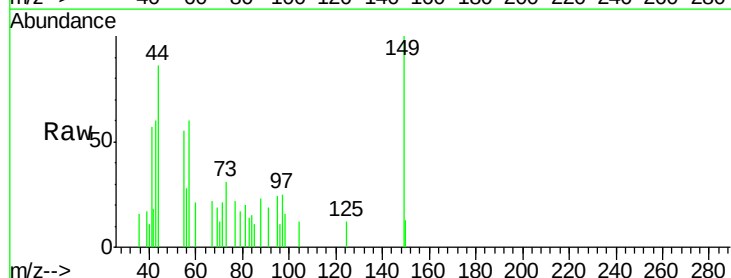
Tgt Ion:149 Resp: 2377

Ion Ratio Lower Upper

149 100

150 12.6 7.8 11.6#

104 12.2 3.8 5.8#

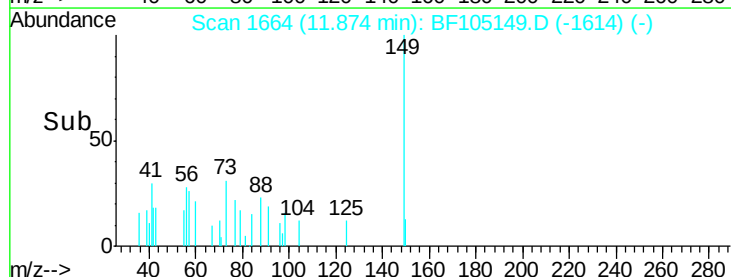


Abundance Ion 149.00 (148.70 to 149.70): E

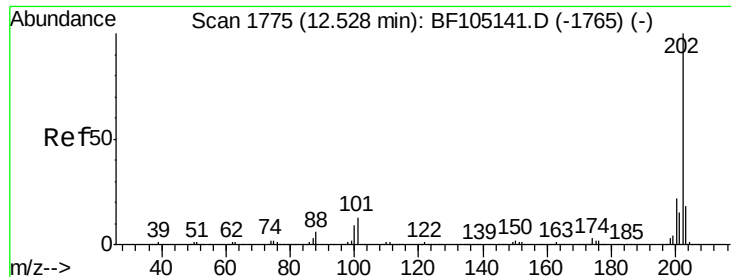
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

11.87



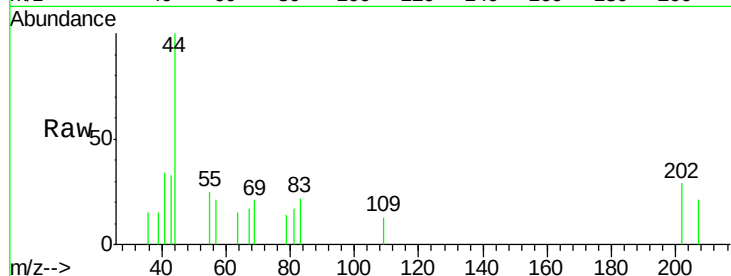
Time-->



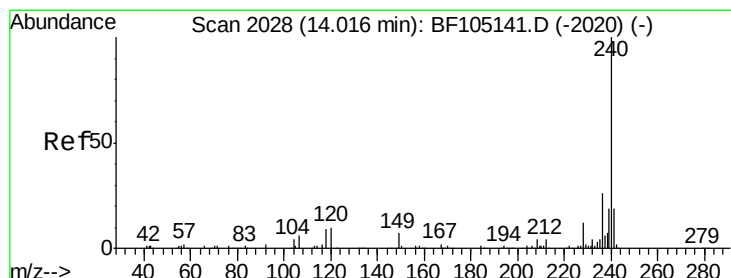
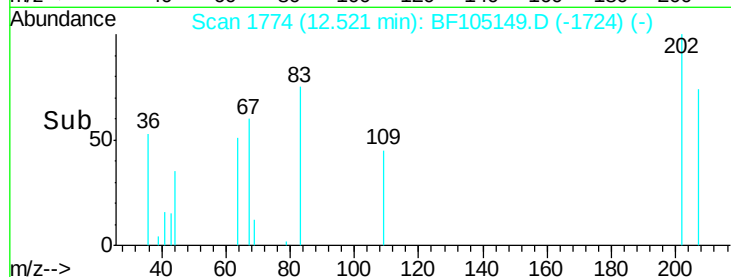
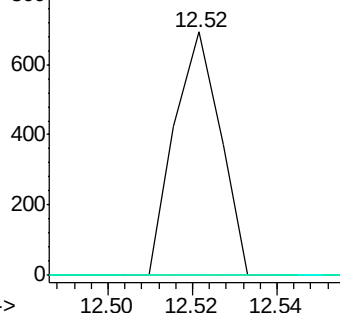
#74
Fluoranthene
Concen: 0.010 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BF105149.D
Acq: 8 May 2018 17:40

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	34.1
203	0.0	0.0	38.1

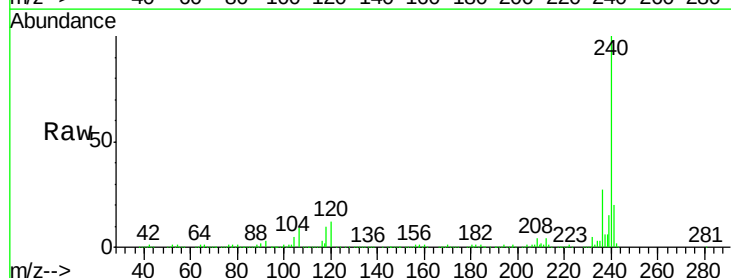


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

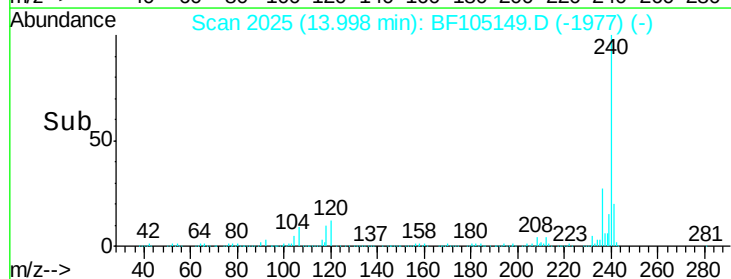
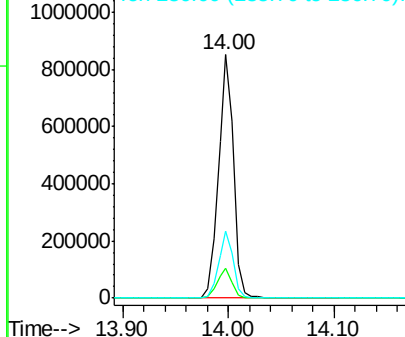


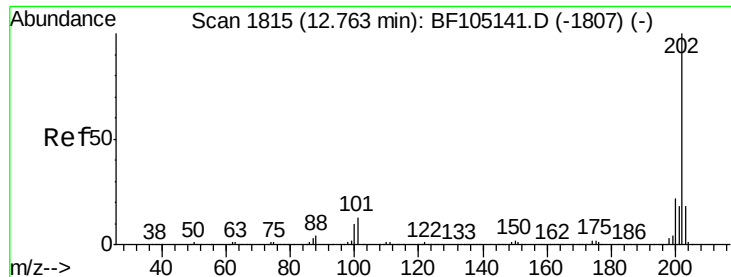
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF105149.D
Acq: 8 May 2018 17:40

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.5	14.3
236	27.5	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





#77

Pvrene

Concen: 0.011 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BF105149.D

Acq: 8 May 2018 17:40

Instrument :

BNA_F

ClientSampleId :

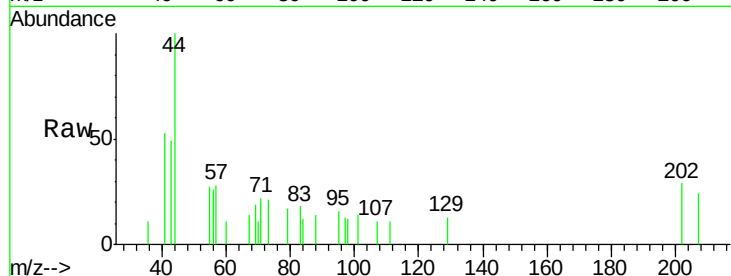
Tot Ion:202 Resp: 660

Ion Ratio Lower Upper

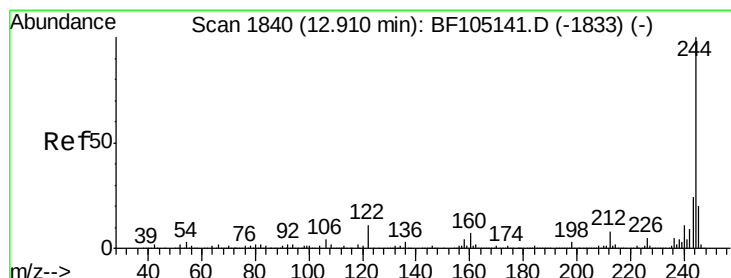
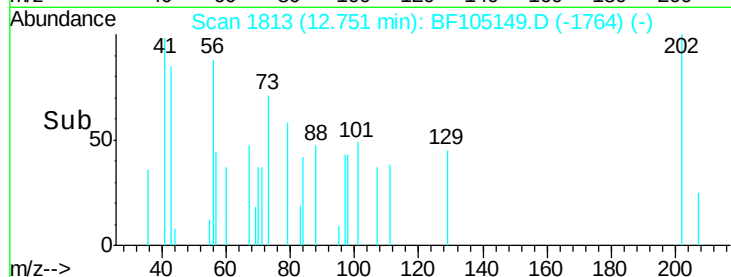
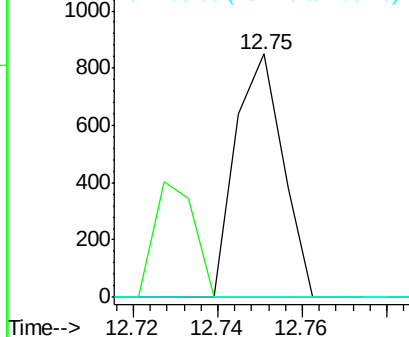
202 100

200 0.0 17.4 26.2#

203 0.0 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: 81.654 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.01 min

Lab File: BF105149.D

Acq: 8 May 2018 17:40

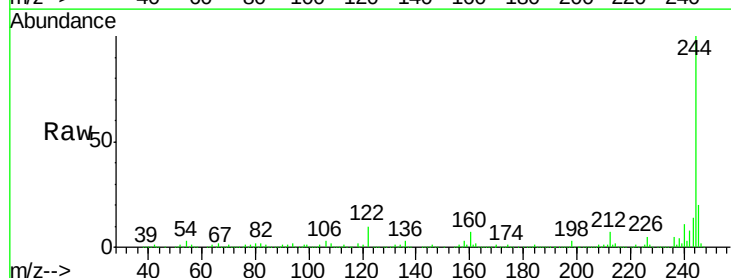
Tgt Ion:244 Resp: 3011481

Ion Ratio Lower Upper

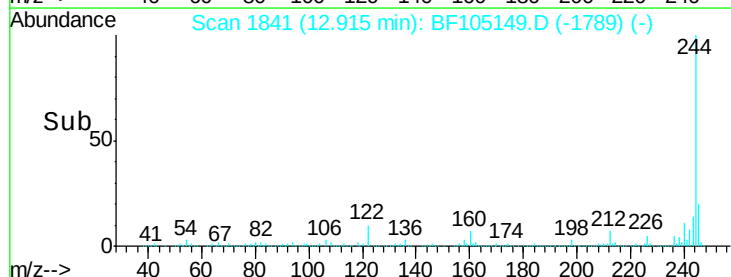
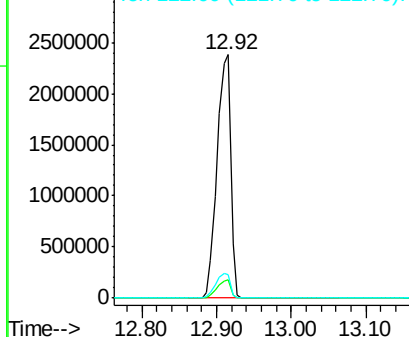
244 100

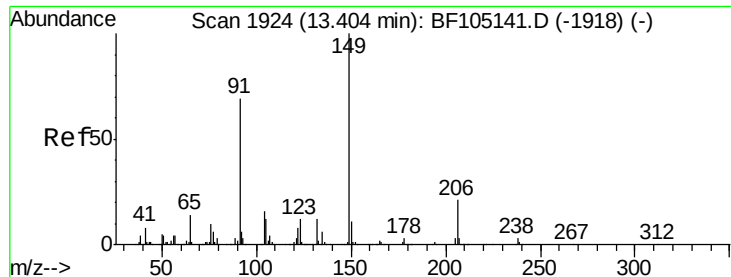
212 7.3 5.4 8.0

122 9.9 11.0 16.4#



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

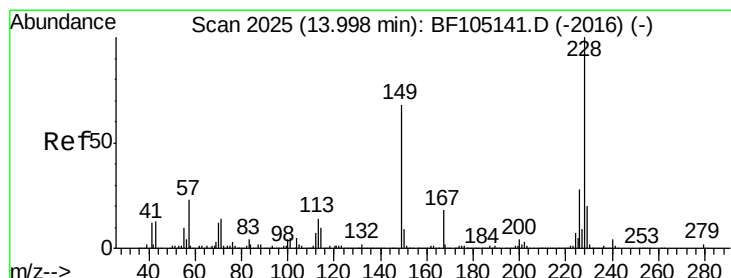
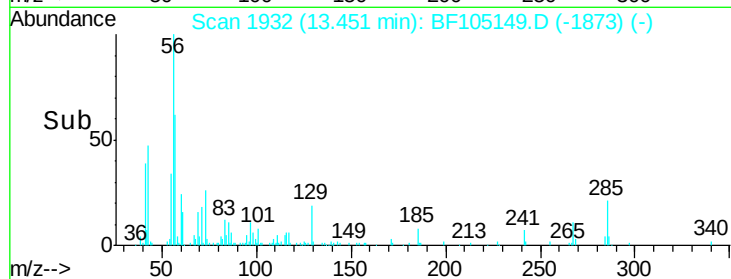
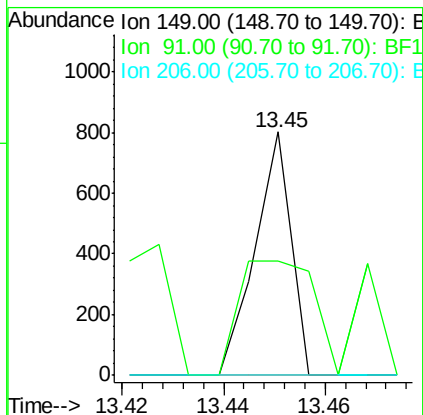
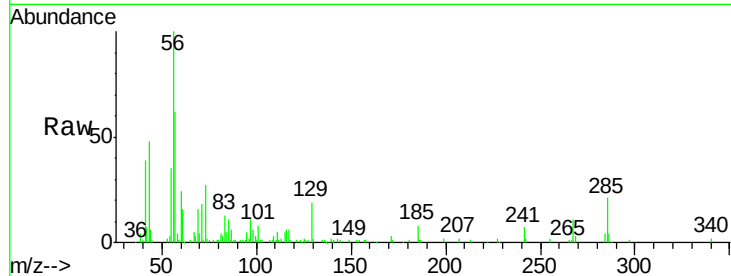




#79
Butylbenzylphthalate
Concen: 6.914 ng
RT: 13.45 min Scan# 1932
Delta R.T. 0.05 min
Lab File: BF105149.D
Acq: 8 May 2018 17:40

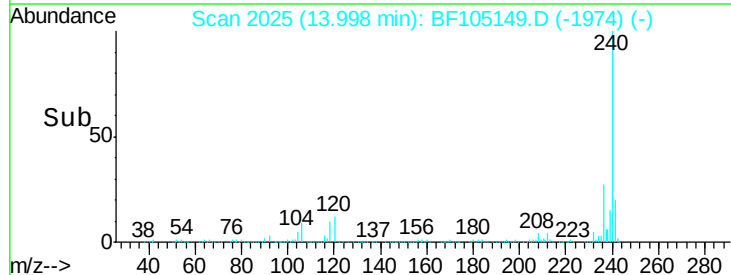
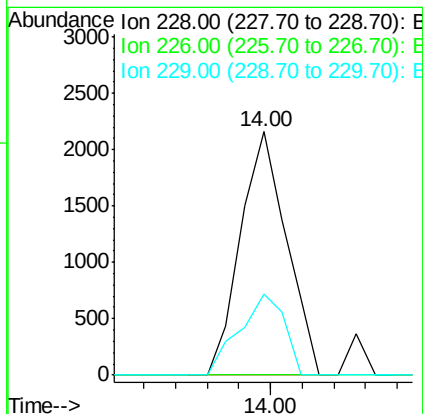
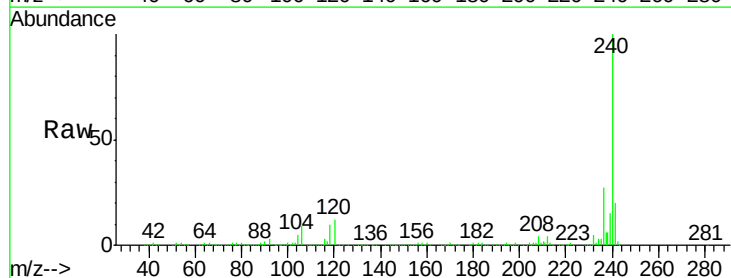
Instrument :
BNA_F
ClientSampleId :

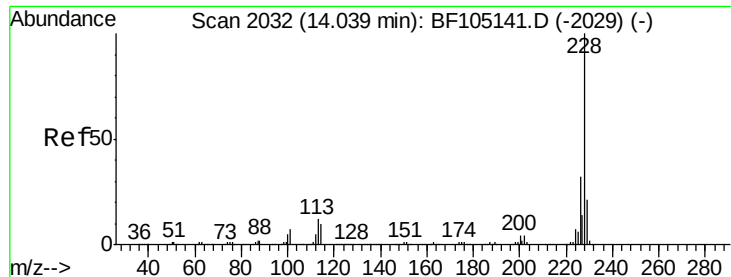
Tot Ion:149 Resp: 392
Ion Ratio Lower Upper
149 100
91 46.8 56.8 85.2#
206 0.0 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 0.042 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF105149.D
Acq: 8 May 2018 17:40

Tgt Ion:228 Resp: 2169
Ion Ratio Lower Upper
228 100
226 0.0 22.6 33.8#
229 33.2 15.8 23.6#





#82

Chrysene

Concen: 0.002 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF105149.D

Acq: 8 May 2018 17:40

Instrument :

BNA_F

ClientSampleId :

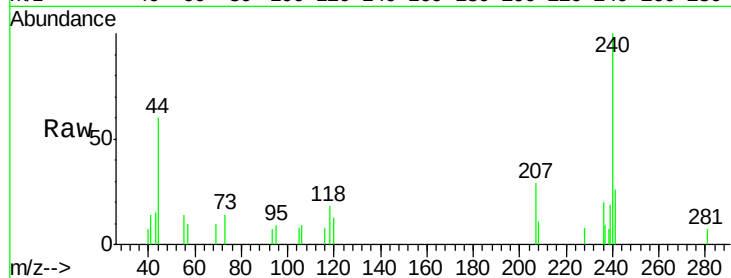
Tot Ion:228 Resp: 131

Ion Ratio Lower Upper

228 100

226 0.0 25.0 37.6#

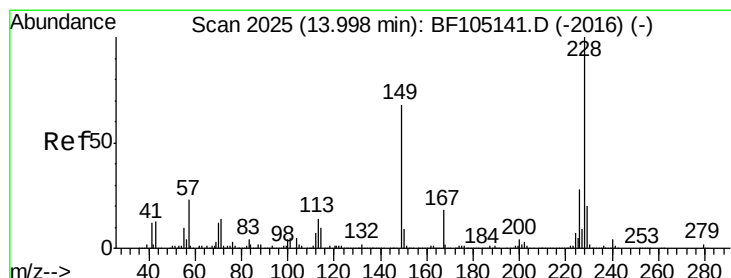
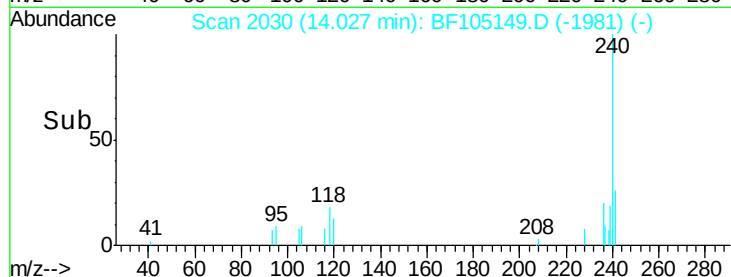
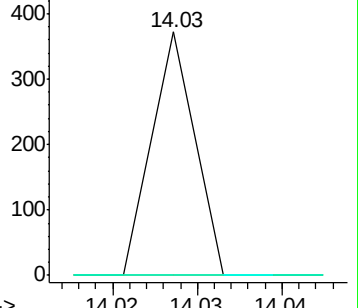
229 0.0 16.2 24.4#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.057 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF105149.D

Acq: 8 May 2018 17:40

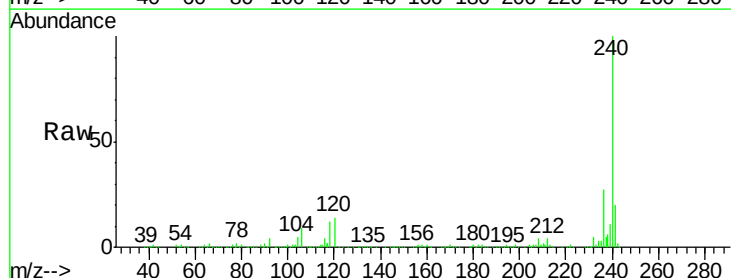
Tgt Ion:149 Resp: 1466

Ion Ratio Lower Upper

149 100

167 52.7 21.3 31.9#

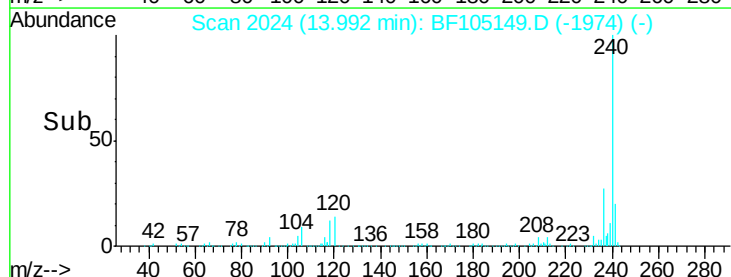
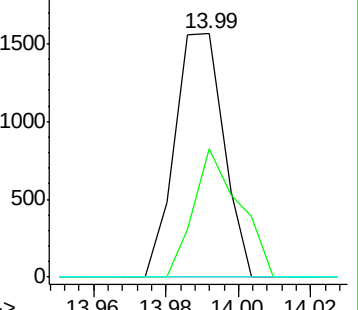
279 0.0 3.0 4.4#

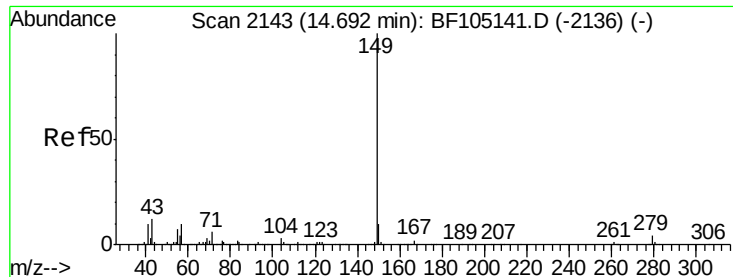


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 6.937 ng

RT: 14.67 min Scan# 2139

Delta R.T. -0.02 min

Lab File: BF105149.D

Acq: 8 May 2018 17:40

Instrument :

BNA_F

ClientSampled :

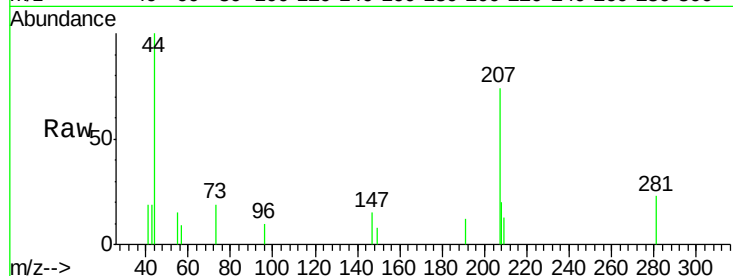
Tot Ion:149 Resp: 111

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

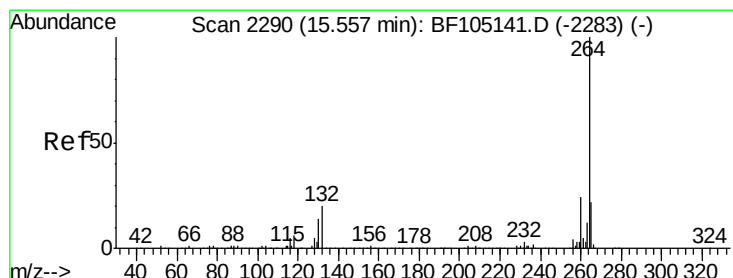
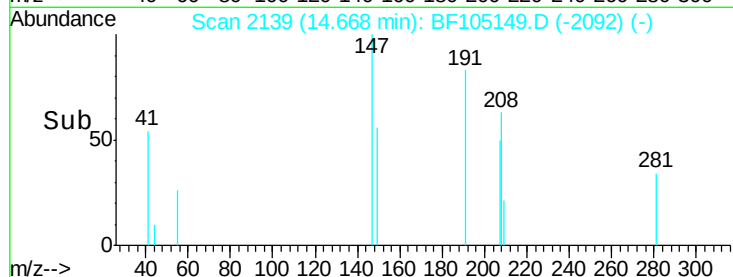
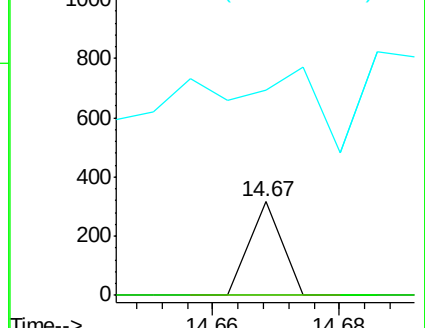
43 847.7 8.4 12.6#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. -0.01 min

Lab File: BF105149.D

Acq: 8 May 2018 17:40

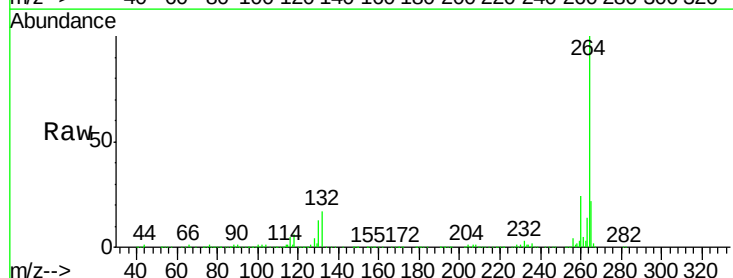
Tgt Ion:264 Resp: 793842

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

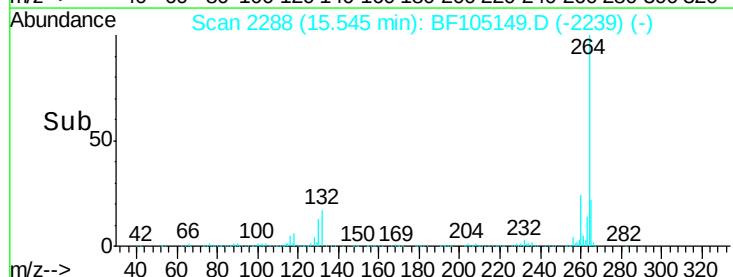
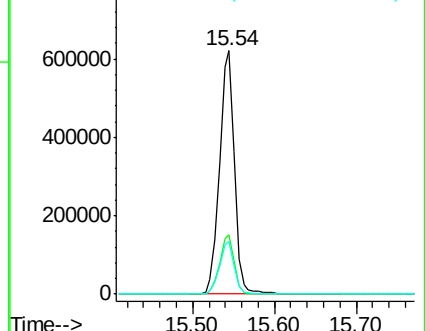
265 21.6 17.5 26.3

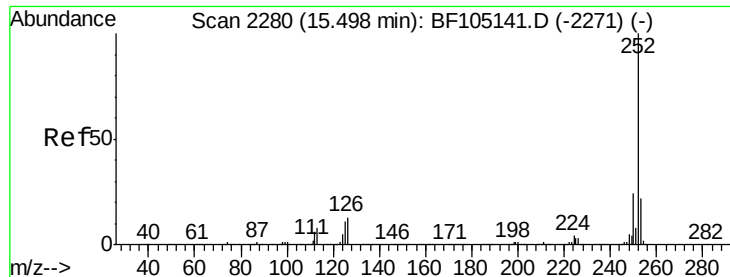


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#89

Benzo(a)pyrene

Concen: 0.060 ng

RT: 15.54 min Scan# 2288

Delta R.T. 0.05 min

Lab File: BF105149.D

Acq: 8 May 2018 17:40

Instrument :

BNA_F

ClientSampleId :

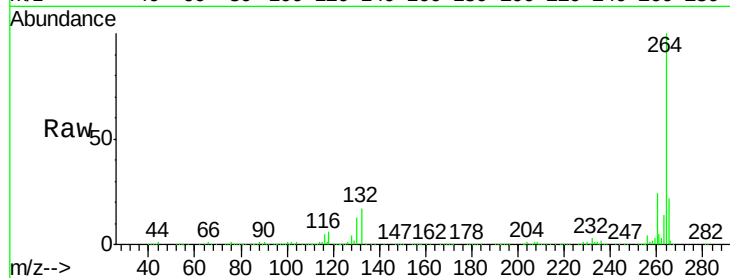
Tot Ion: 252 Resp: 2642

Ion Ratio Lower Upper

252 100

253 36.4 17.1 25.7#

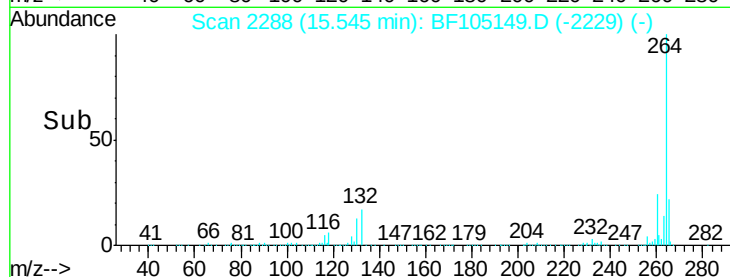
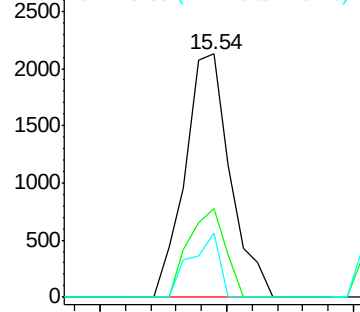
125 26.5 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->