

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
 Data File : BF106376.D
 Acq On : 13 Jun 2018 6:38
 Operator : JU/SJ
 Sample : J3164-05
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 13 07:10:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	112748	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	377524	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	157605	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	315745	20.00	ng	0.00
75) Chrysene-d12	14.15	240	315852	20.00	ng	-0.01
86) Perylene-d12	15.68	264	220598	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	305215	45.82	ng	0.04
7) Phenol-d6	6.64	99	221160	26.28	ng	0.05
23) Nitrobenzene-d5	7.54	82	569198	88.70	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	181941	119.98	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	907785	113.15	ng	0.00
78) Terphenyl-d14	13.09	244	1115332	87.71	ng	0.00

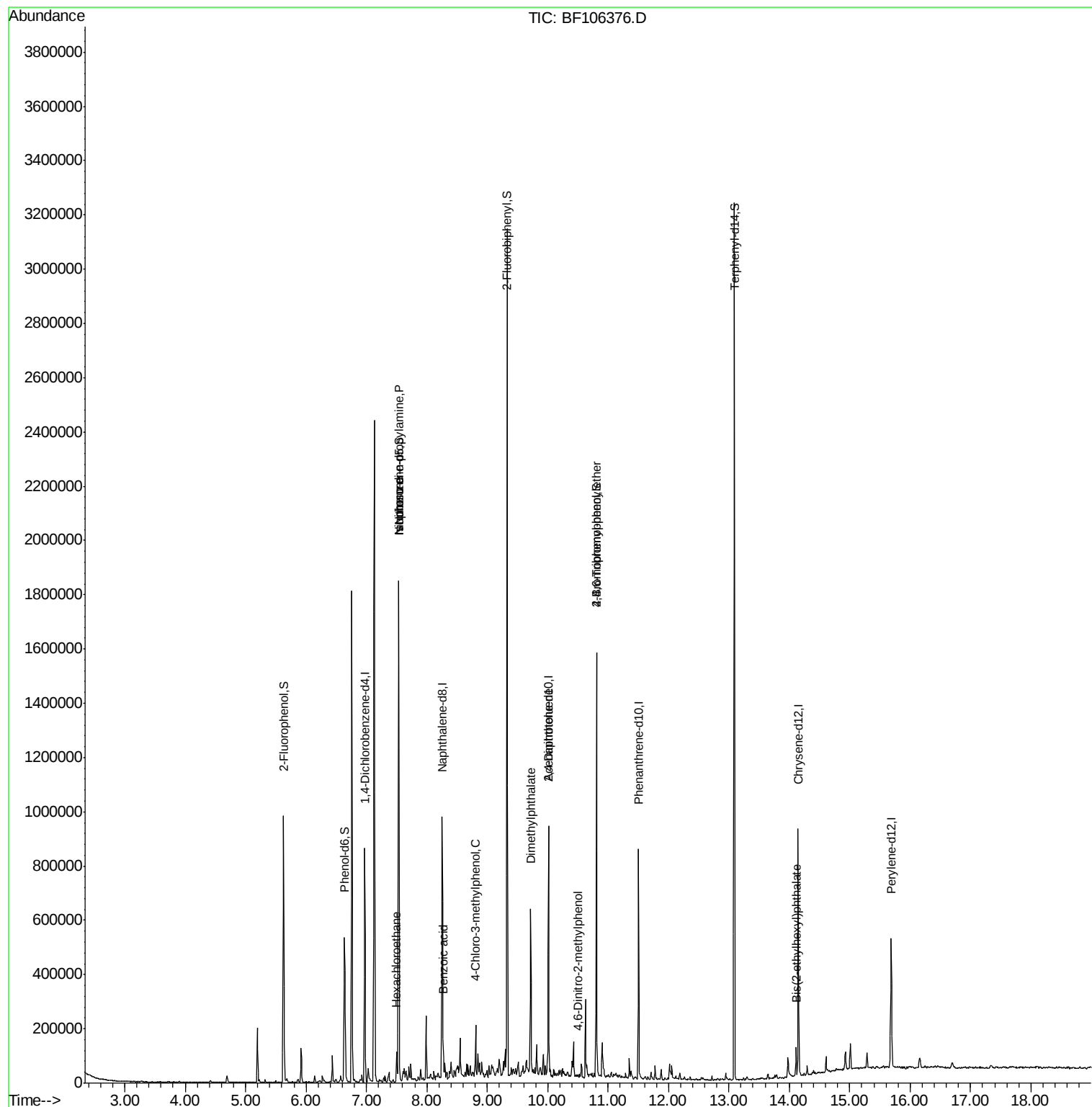
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Hexachloroethane	7.50	117	6262	2.054	ng	# 1
19) n-Nitroso-di-n-propylamine	7.54	70	77404	12.259	ng	# 74
25) Isophorone	7.54	82	569189	45.409	ng	# 64
32) Benzoic acid	8.27	122	132	7.317	ng	# 1
36) 4-Chloro-3-methylphenol	8.81	107	28992	5.120	ng	# 21
49) Dimethylphthalate	9.72	163	184931	16.424	ng	100
56) 2,4-Dinitrotoluene	10.01	165	20930	7.246	ng	# 25
64) 4,6-Dinitro-2-methylphenol	10.51	198	134	6.363	ng	# 43
66) 4-Bromophenyl-phenylether	10.81	248	11751	3.272	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.11	149	26593	2.506	ng	99

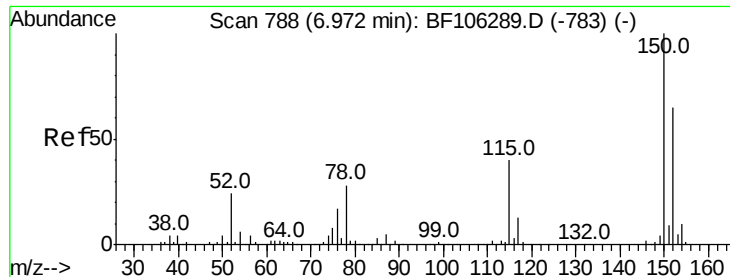
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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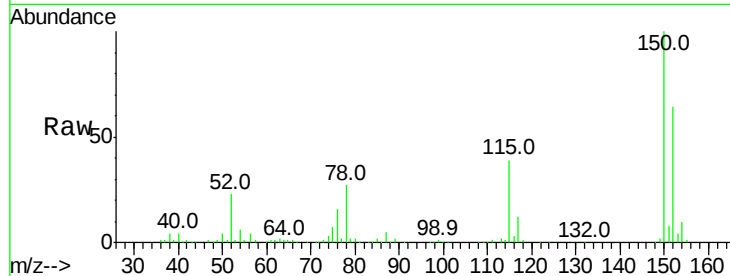


#1

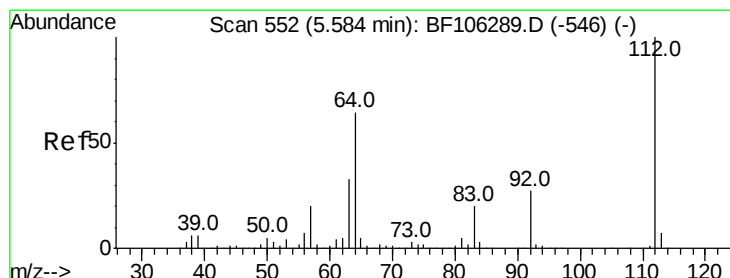
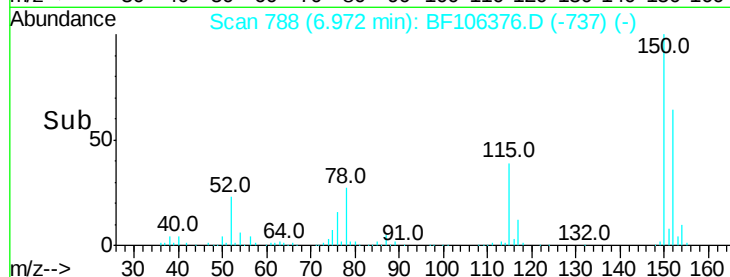
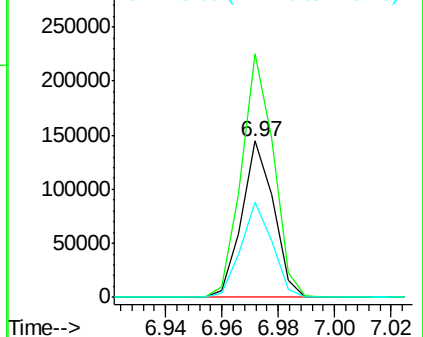
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106376.D
Acq: 13 Jun 2018 6:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 112748
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 60.9 50.1 75.1



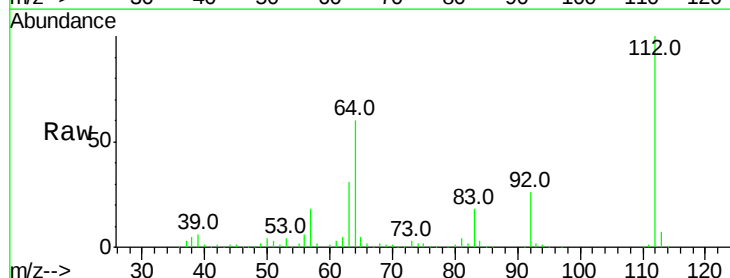
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



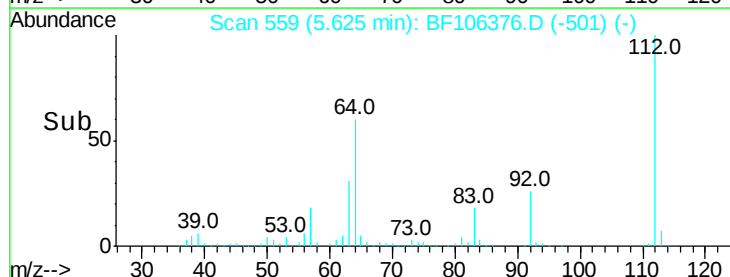
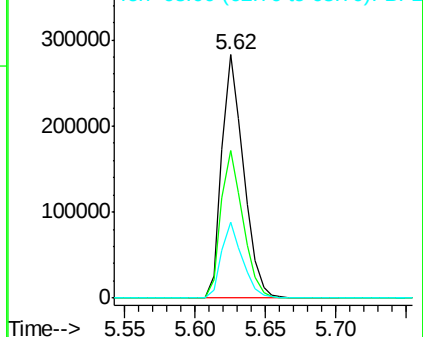
#5

2-Fluorophenol
Concen: 45.817 ng
RT: 5.62 min Scan# 559
Delta R.T. 0.04 min
Lab File: BF106376.D
Acq: 13 Jun 2018 6:38

Tgt Ion:112 Resp: 305215
Ion Ratio Lower Upper
112 100
64 60.4 47.9 71.9
63 31.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 26.277 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.05 min

Lab File: BF106376.D

Acq: 13 Jun 2018 6:38

Instrument :

BNA_F

ClientSampled :

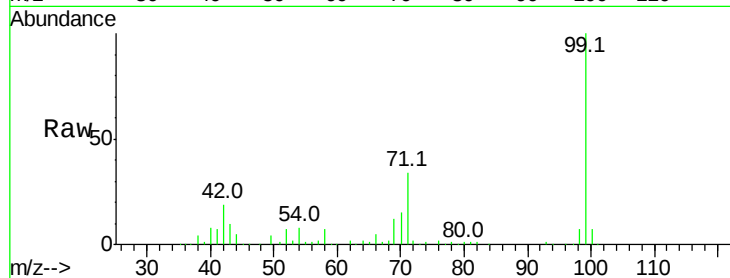
Tot Ion: 99 Resp: 221160

Ion Ratio Lower Upper

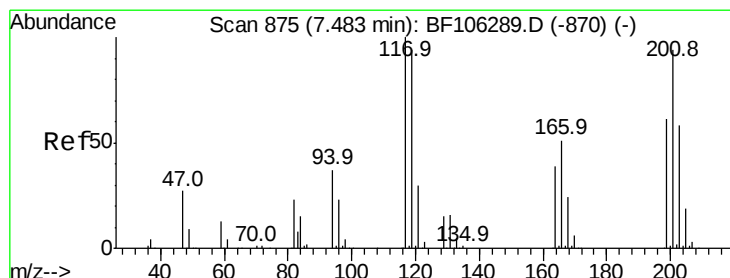
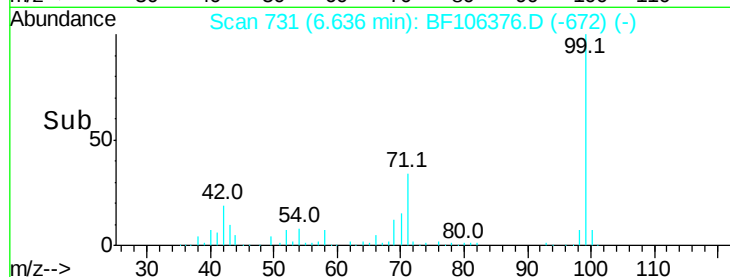
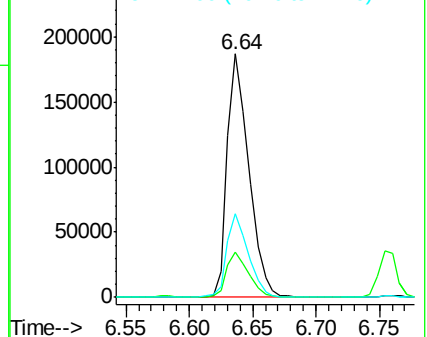
99 100

42 18.8 14.5 21.7

71 34.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#18

Hexachloroethane

Concen: 2.054 ng

RT: 7.50 min Scan# 878

Delta R.T. 0.02 min

Lab File: BF106376.D

Acq: 13 Jun 2018 6:38

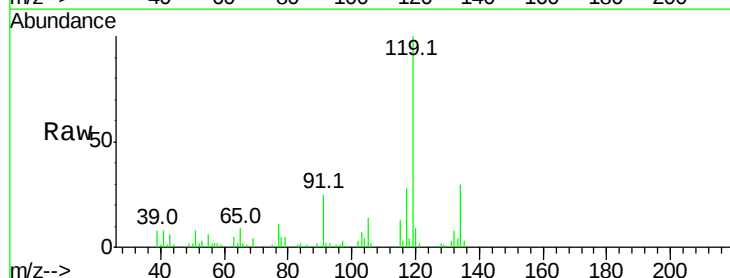
Tgt Ion: 117 Resp: 6262

Ion Ratio Lower Upper

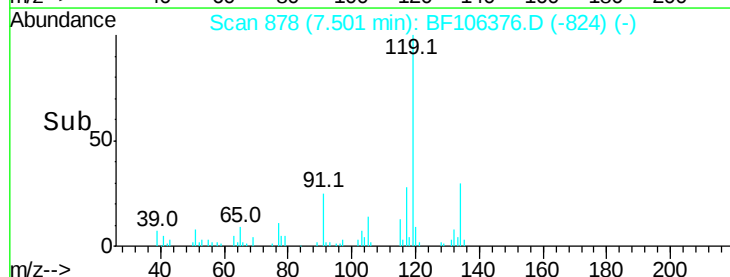
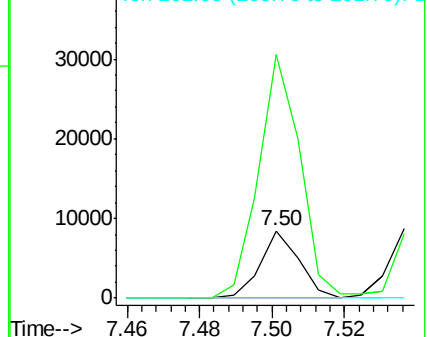
117 100

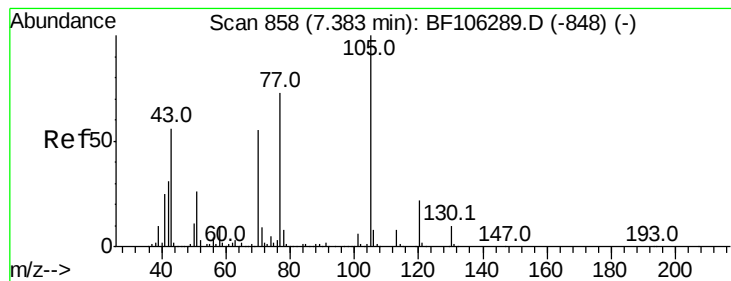
119 361.7 75.8 113.8#

201 0.0 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: 12.259 ng

RT: 7.54 min Scan# 884

Delta R.T. 0.15 min

Lab File: BF106376.D

Acq: 13 Jun 2018 6:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 77404

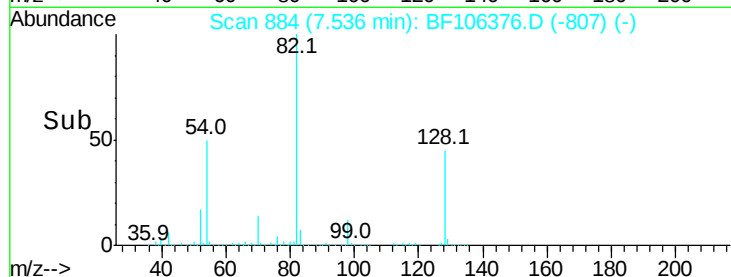
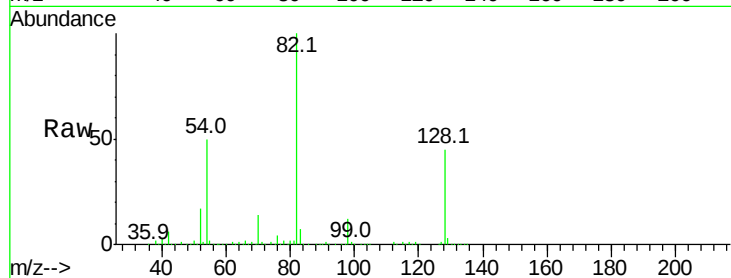
Ion Ratio Lower Upper

70 100

42 43.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

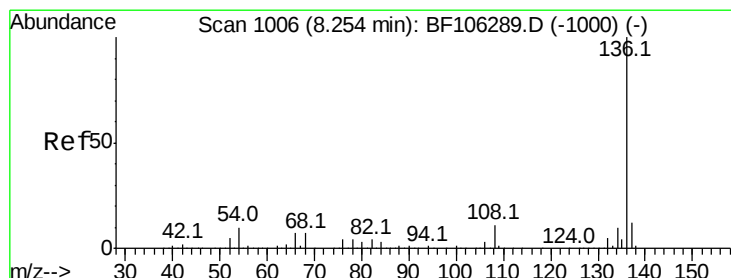
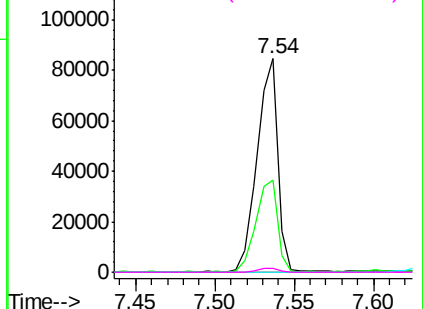


Abundance Ion 70.00 (69.70 to 70.70): BF1

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF106376.D

Acq: 13 Jun 2018 6:38

Tgt Ion: 136 Resp: 377524

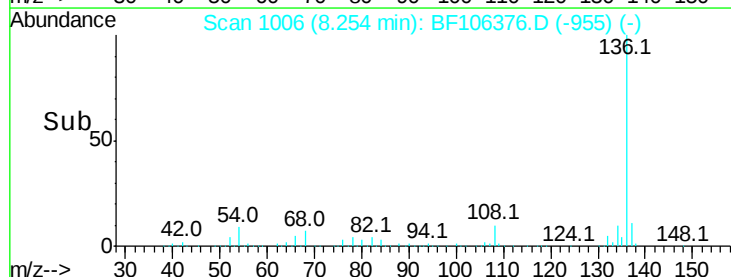
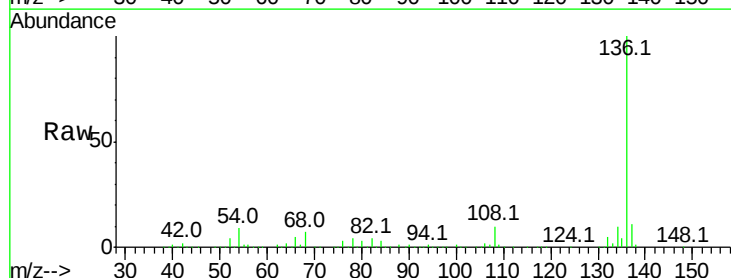
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 8.9 6.6 9.8

68 6.9 5.0 7.4

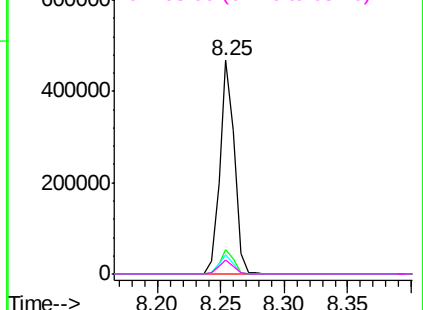


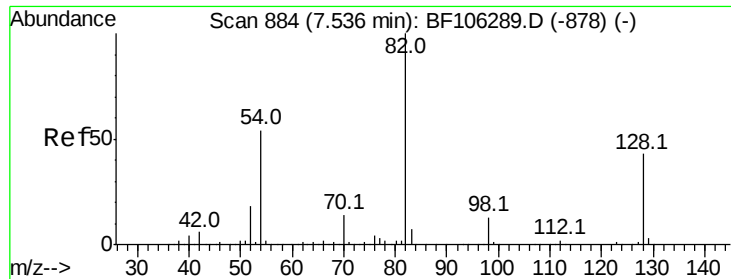
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

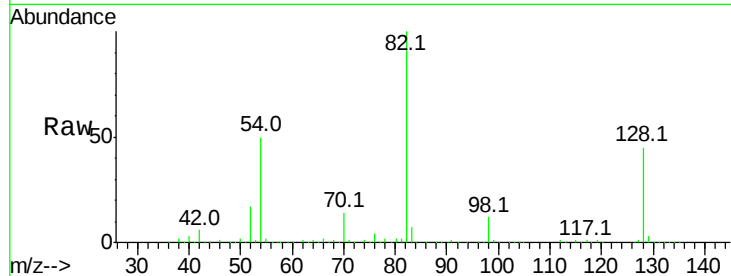




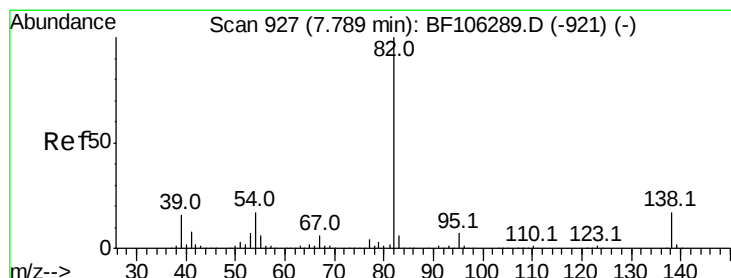
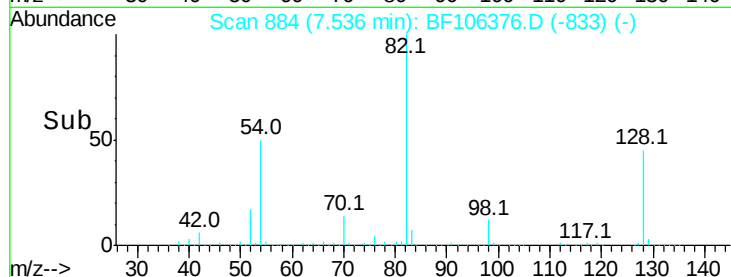
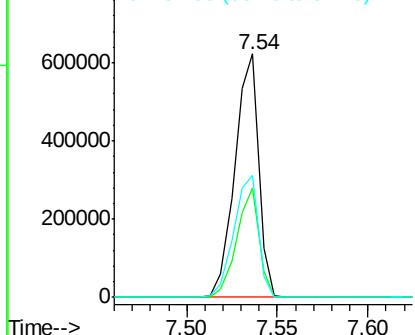
#23
Nitrobenzene-d5
Concen: 88.697 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF106376.D
Acq: 13 Jun 2018 6:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	569198
Ion Ratio	Lower	Upper	
82	100		
128	45.0	36.1	54.1
54	50.3	41.4	62.2

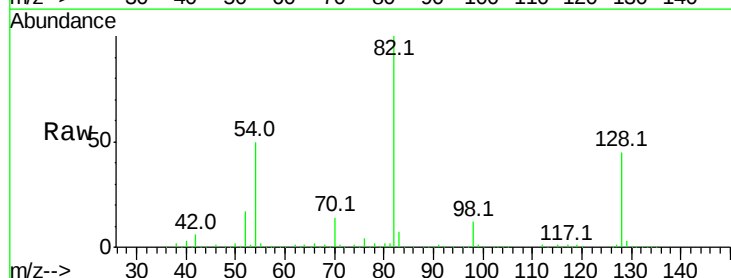


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

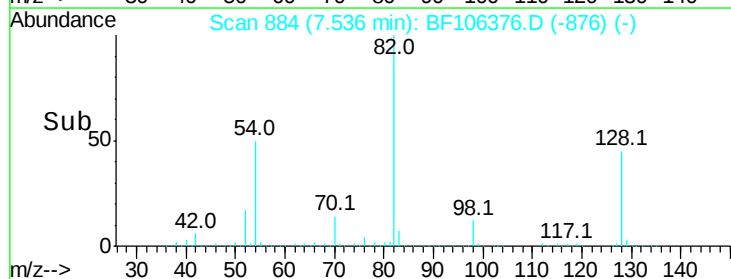
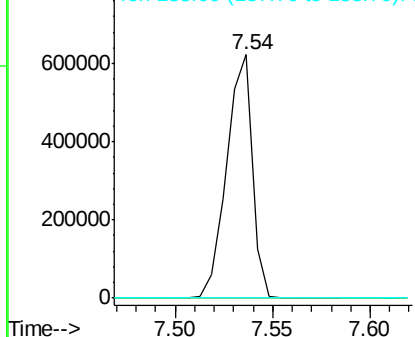


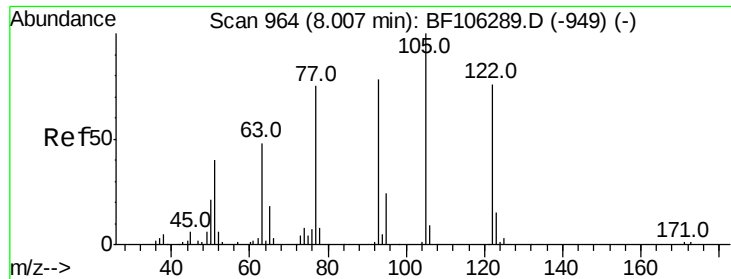
#25
Isophorone
Concen: 45.409 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.25 min
Lab File: BF106376.D
Acq: 13 Jun 2018 6:38

Tgt Ion	82	Resp	569189
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





#32

Benzoic acid

Concen: 7.317 ng

RT: 8.27 min Scan# 1009

Delta R.T. 0.27 min

Lab File: BF106376.D

Acq: 13 Jun 2018 6:38

Instrument :

BNA_F

ClientSampled :

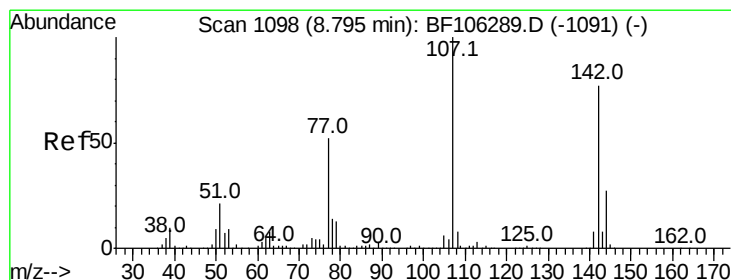
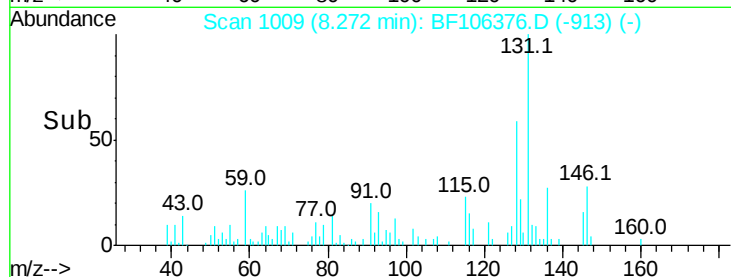
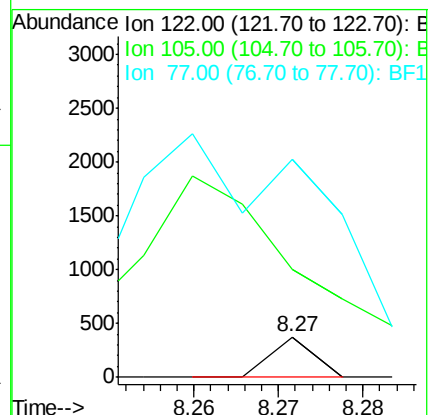
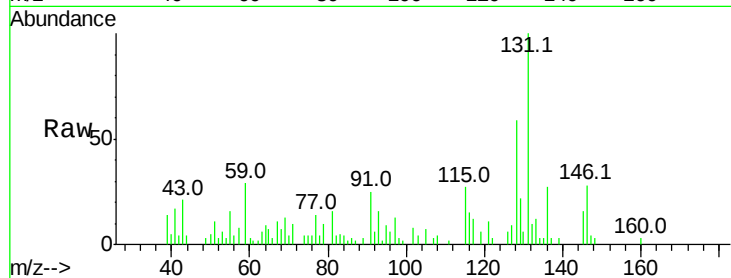
Tot Ion:122 Resp: 132

Ion Ratio Lower Upper

122 100

105 269.5 101.1 141.1#

77 541.2 70.7 110.7#



#36

4-Chloro-3-methylphenol

Concen: 5.120 ng

RT: 8.81 min Scan# 1100

Delta R.T. 0.01 min

Lab File: BF106376.D

Acq: 13 Jun 2018 6:38

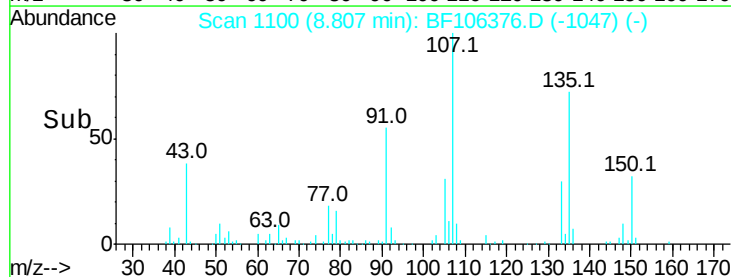
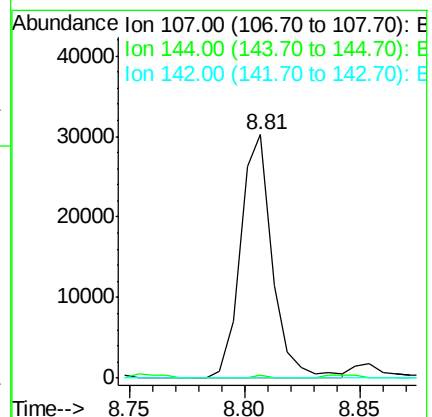
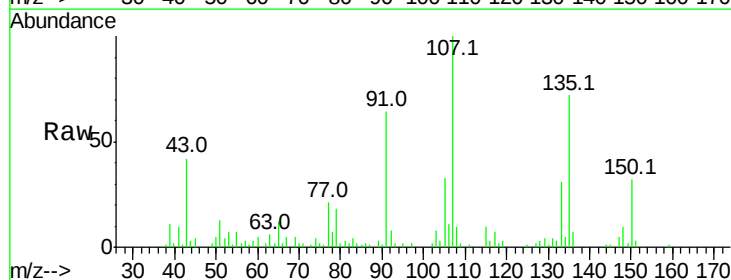
Tgt Ion:107 Resp: 28992

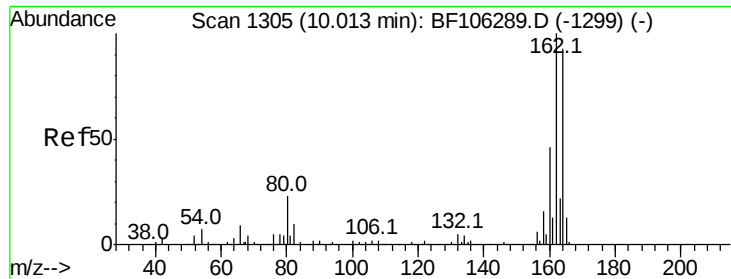
Ion Ratio Lower Upper

107 100

144 1.4 20.5 30.7#

142 0.0 62.0 93.0#

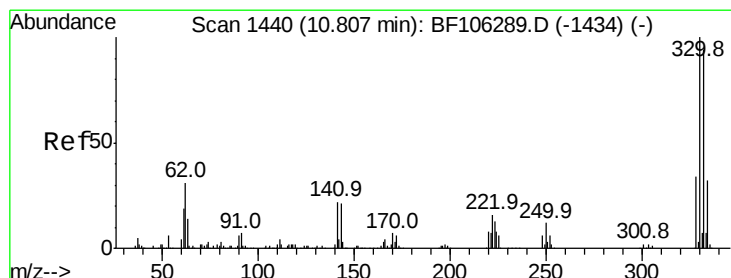
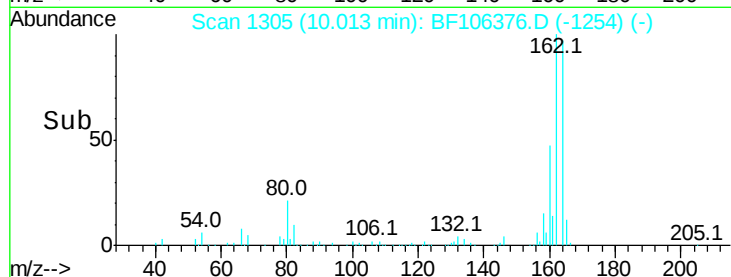
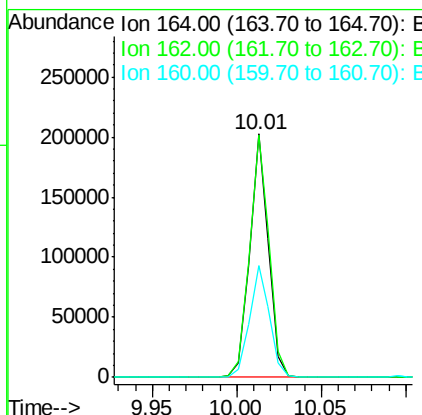
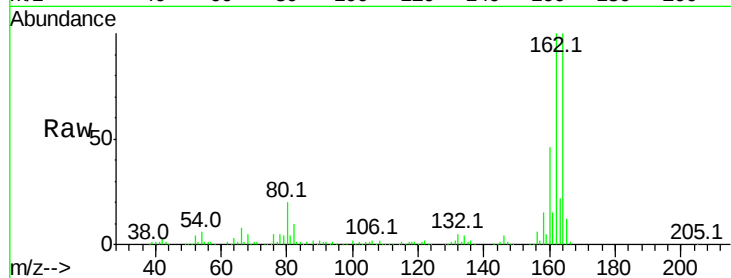




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF106376.D
 Acq: 13 Jun 2018 6:38

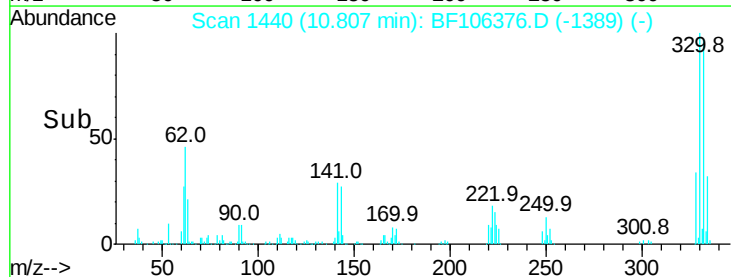
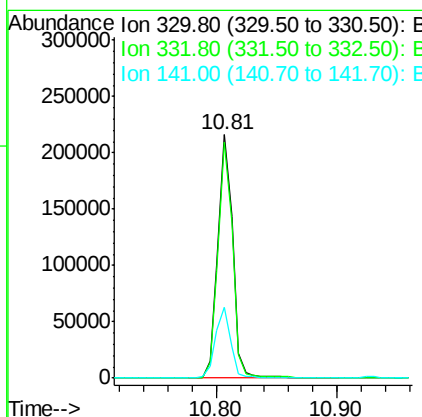
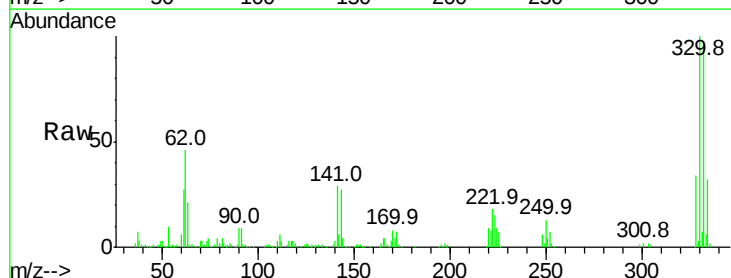
Instrument :
 BNA_F
 ClientSampled :

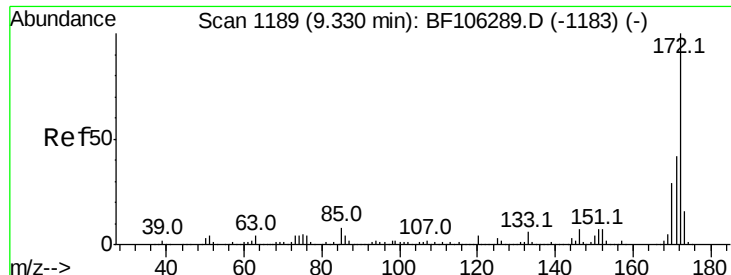
Tot Ion:164 Resp: 157605
 Ion Ratio Lower Upper
 164 100
 162 99.5 86.1 129.1
 160 46.0 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 119.980 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF106376.D
 Acq: 13 Jun 2018 6:38

Tgt Ion:330 Resp: 181941
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 30.2 29.9 44.9

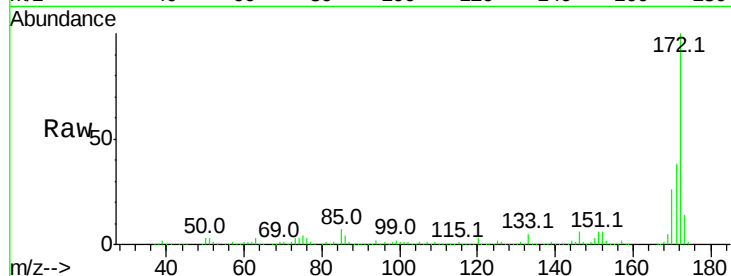




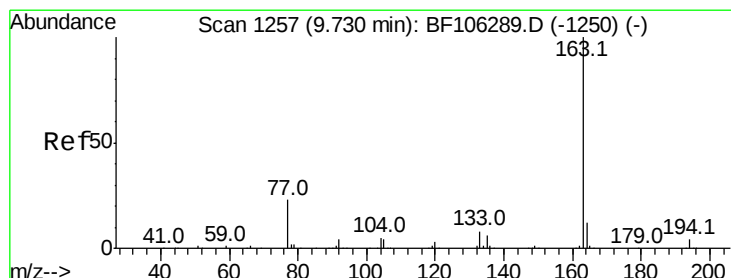
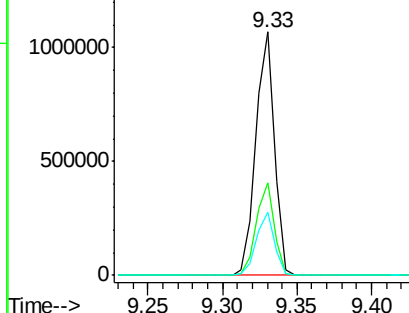
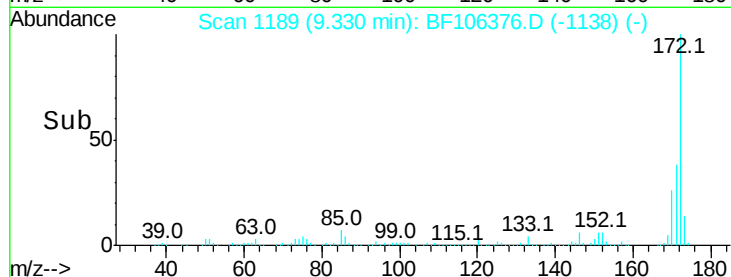
#44
2-Fluorobiphenyl
Concen: 113.155 ng
RT: 9.33 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF106376.D
Acq: 13 Jun 2018 6:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.7	44.5
170	26.0	19.6	29.4

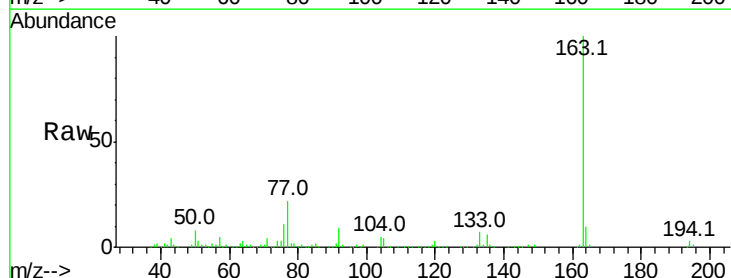


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

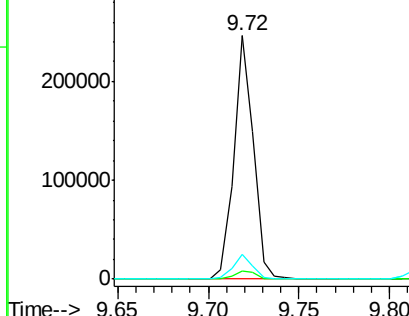
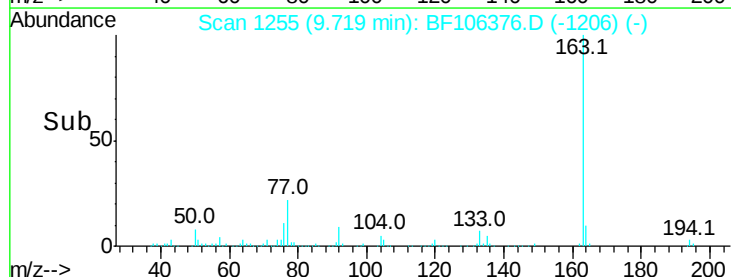


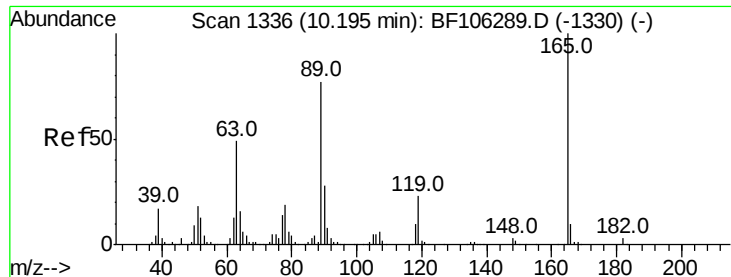
#49
Dimethylphthalate
Concen: 16.424 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF106376.D
Acq: 13 Jun 2018 6:38

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.4	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

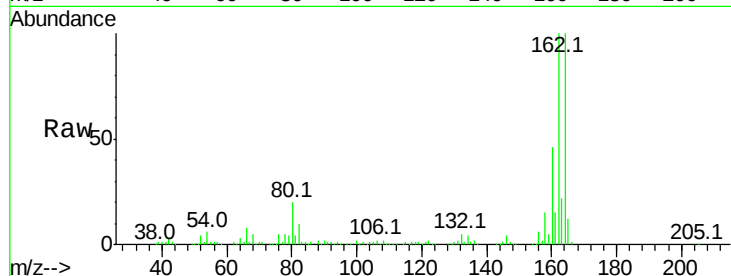




#56
 2,4-Dinitrotoluene
 Concen: 7.246 ng
 RT: 10.01 min Scan# 1305
 Delta R.T. -0.18 min
 Lab File: BF106376.D
 Acq: 13 Jun 2018 6:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.9	36.4	54.6#
89	2.4	57.8	86.6#
182	0.0	1.6	2.4#

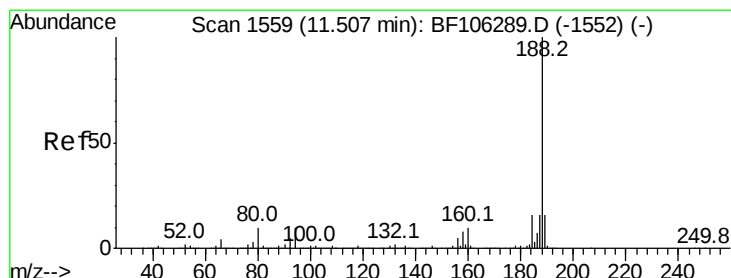
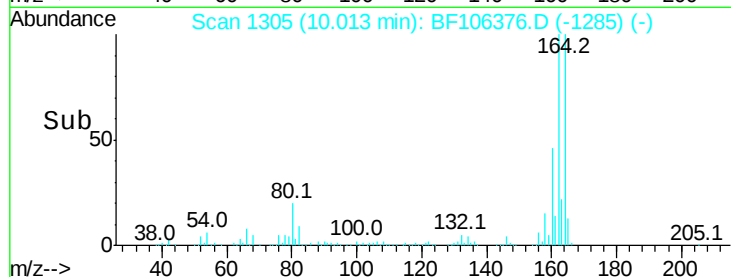
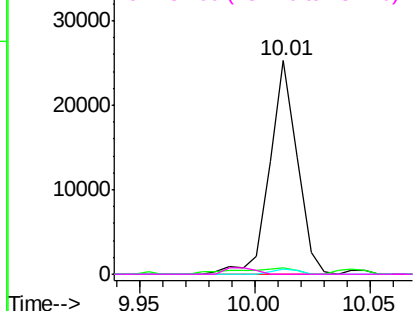


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

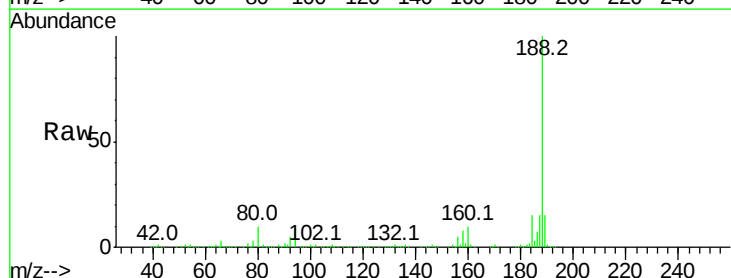
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: BF106376.D
 Acq: 13 Jun 2018 6:38

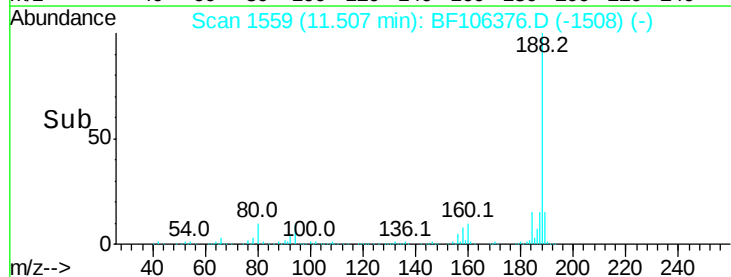
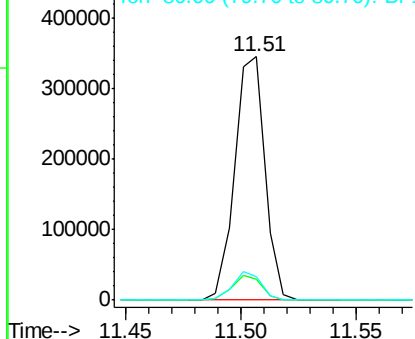
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	9.7	9.2	13.8

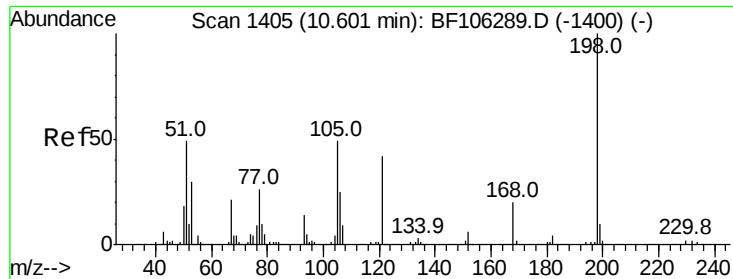


Abundance Ion 188.00 (187.70 to 188.70): E

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: 6.363 ng

RT: 10.51 min Scan# 1390

Delta R.T. -0.09 min

Lab File: BF106376.D

Acq: 13 Jun 2018 6:38

Instrument :

BNA_F

ClientSampled :

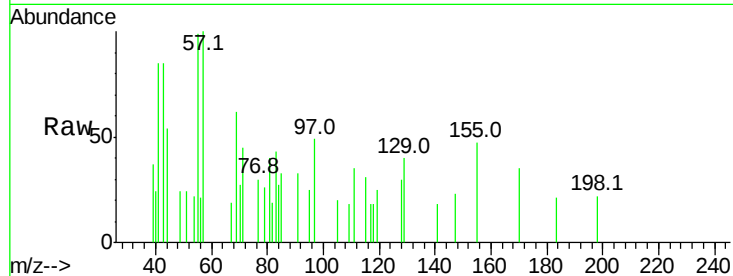
Tot Ion:198 Resp: 134

Ion Ratio Lower Upper

198 100

51 107.6 37.7 77.7#

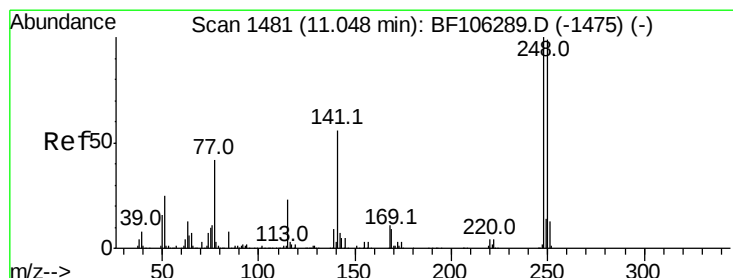
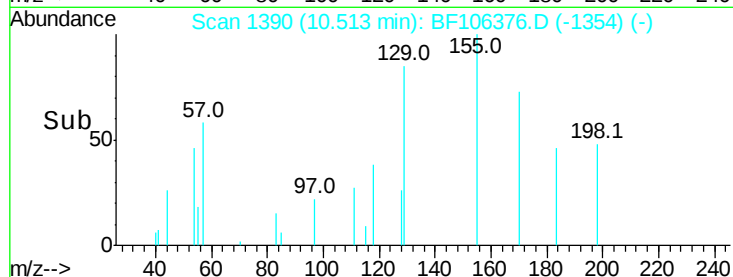
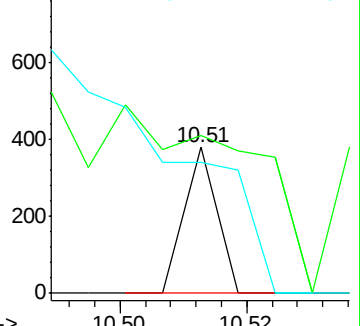
105 90.0 36.3 76.3#



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



#66

4-Bromophenyl-phenylether

Concen: 3.272 ng

RT: 10.81 min Scan# 1440

Delta R.T. -0.24 min

Lab File: BF106376.D

Acq: 13 Jun 2018 6:38

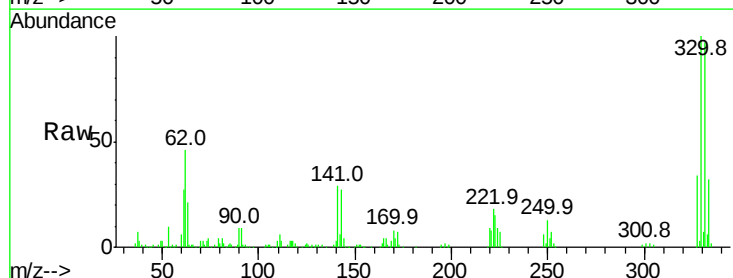
Tgt Ion:248 Resp: 11751

Ion Ratio Lower Upper

248 100

250 205.2 76.9 115.3#

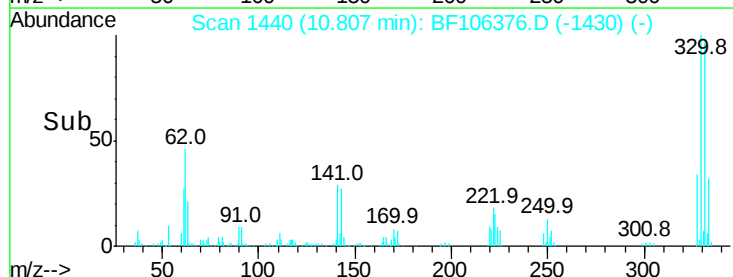
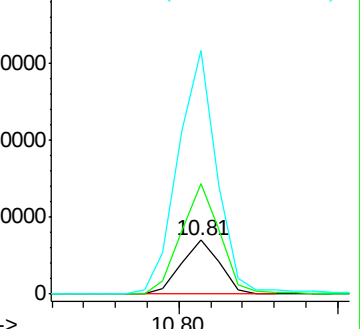
141 451.7 74.4 111.6#

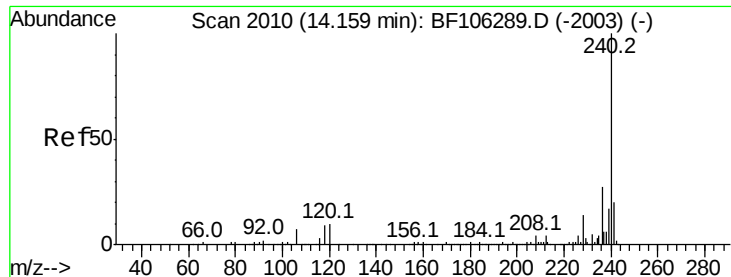


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106376.D

Acq: 13 Jun 2018 6:38

Instrument :

BNA_F

ClientSampleId :

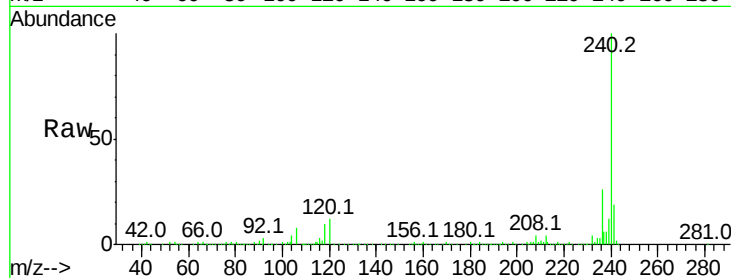
Tot Ion:240 Resp: 315852

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

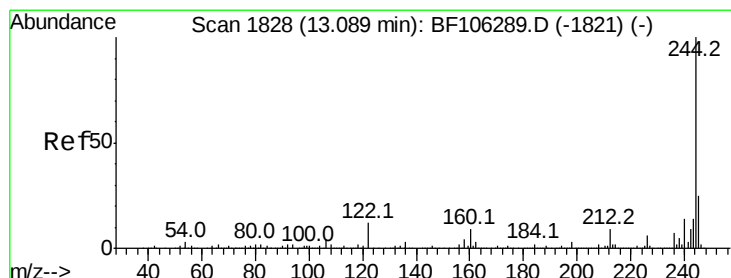
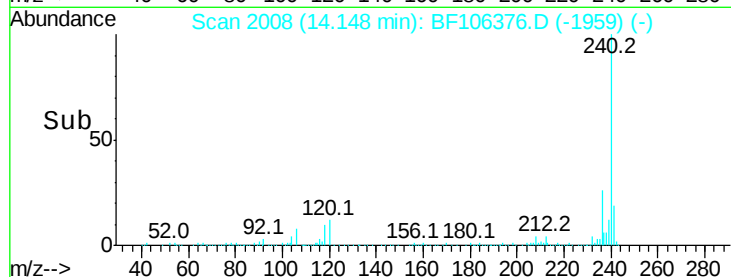
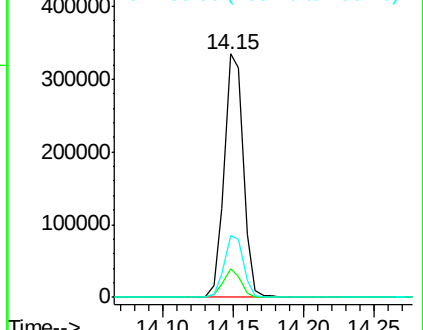
236 25.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 87.707 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF106376.D

Acq: 13 Jun 2018 6:38

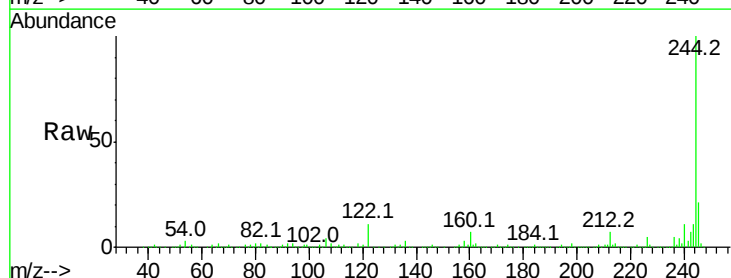
Tgt Ion:244 Resp: 1115332

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

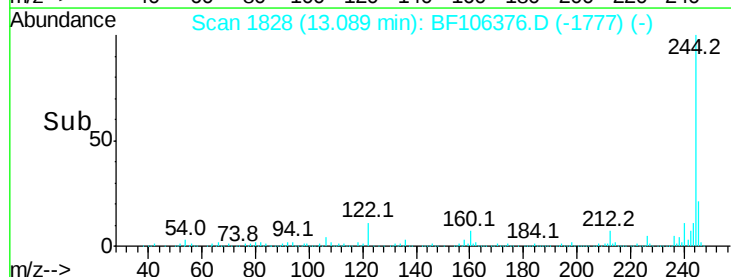
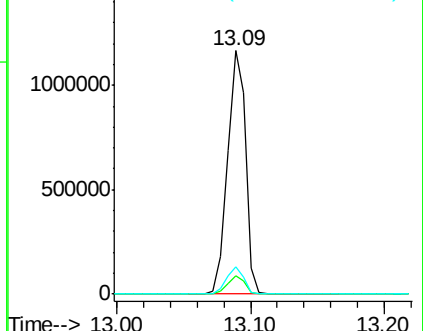
122 11.2 11.0 16.4

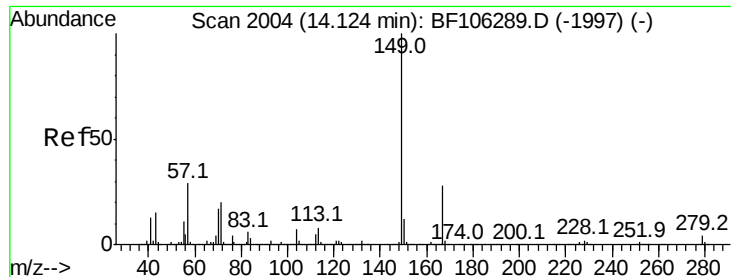


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.506 ng

RT: 14.11 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF106376.D

Acq: 13 Jun 2018 6:38

Instrument :

BNA_F

ClientSampleId :

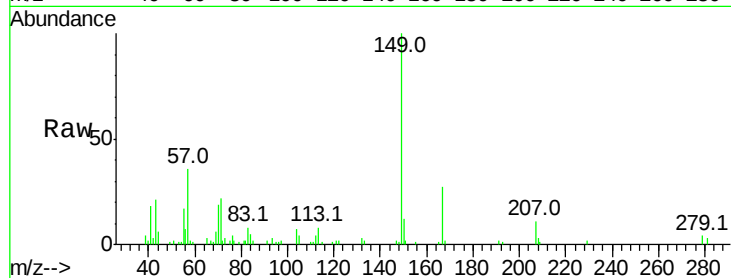
Tot Ion:149 Resp: 26593

Ion Ratio Lower Upper

149 100

167 27.0 21.3 31.9

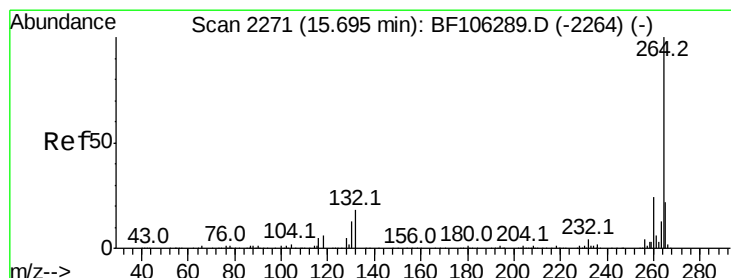
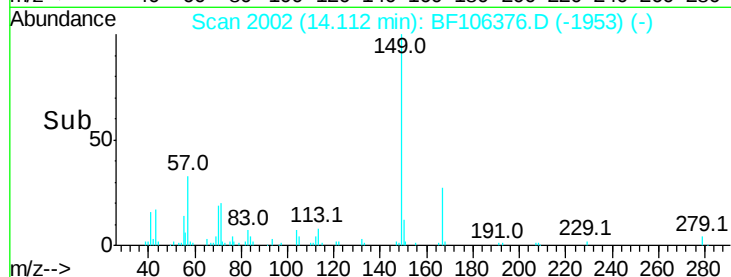
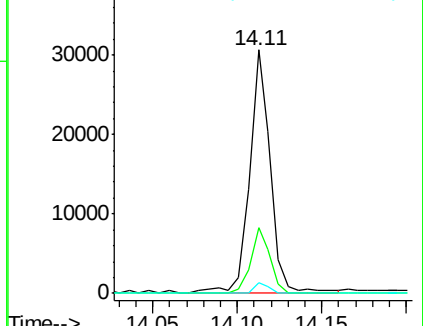
279 4.2 3.0 4.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BF106376.D

Acq: 13 Jun 2018 6:38

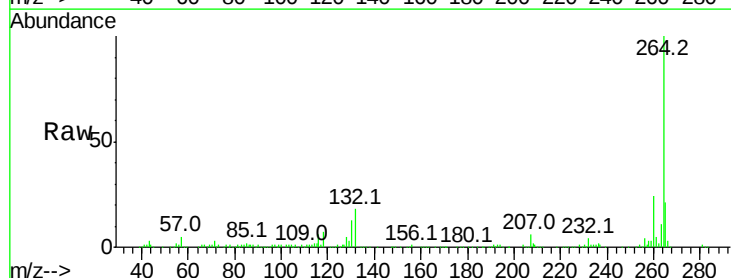
Tgt Ion:264 Resp: 220598

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.5 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

