

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
 Data File : BF098656.D
 Acq On : 20 Sep 2017 13:26
 Operator : SJ/JU
 Sample : I5290-02 100X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 21 05:17:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

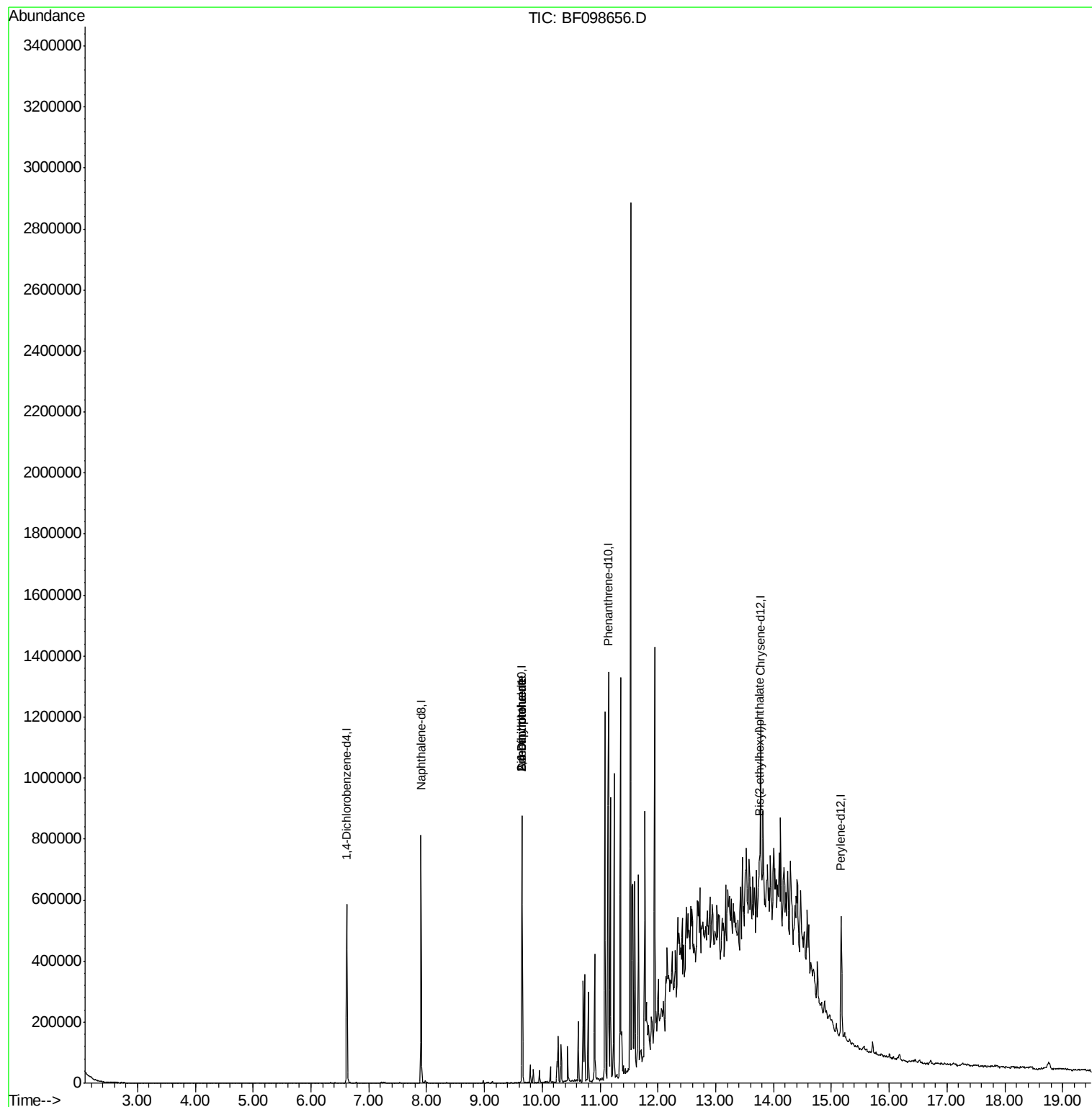
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	83206	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	347266	20.00	ng	-0.02
38) Acenaphthene-d10	9.65	164	153725	20.00	ng	-0.02
63) Phenanthrene-d10	11.13	188	240402	20.00	ng	-0.02
75) Chrysene-d12	13.77	240	146569	20.00	ng	-0.01
86) Perylene-d12	15.17	264	169058	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	803	0.14	ng	0.04
7) Phenol-d6	6.32	99	1903	0.27	ng	0.03
23) Nitrobenzene-d5	7.21	82	996	0.16	ng	0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	8.98	172	3203	0.35	ng	-0.02
78) Terphenyl-d14	12.72	244	2846	0.42	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.66	163	44045	3.70	ng	# 1
50) 2,6-Dinitrotoluene	9.65	165	19838	8.12	ng	# 33
56) 2,4-Dinitrotoluene	9.65	165	19838	6.68	ng	# 33
83) Bis(2-ethylhexyl)phthalate	13.75	149	45988	7.31	ng	# 88

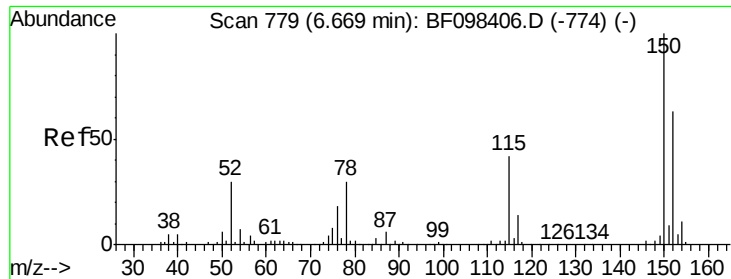
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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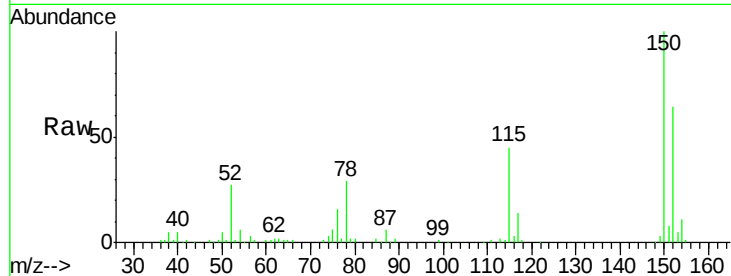


#1

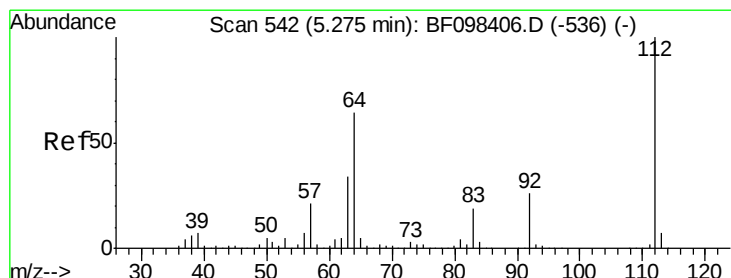
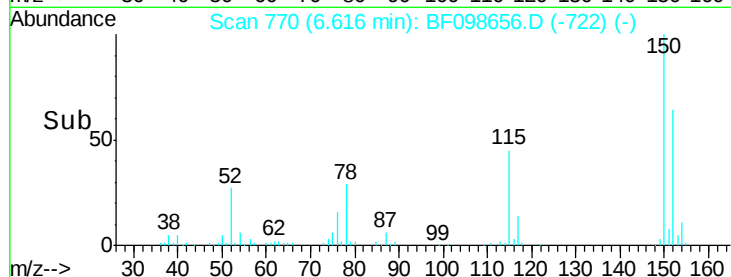
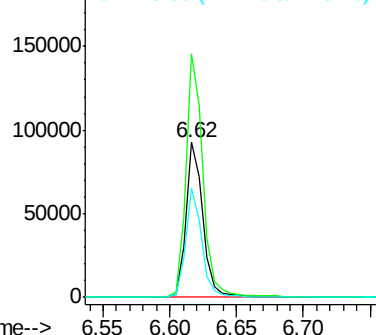
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF098656.D
Acq: 20 Sep 2017 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 83206
Ion Ratio Lower Upper
152 100
150 157.4 126.2 189.2
115 70.5 52.2 78.2



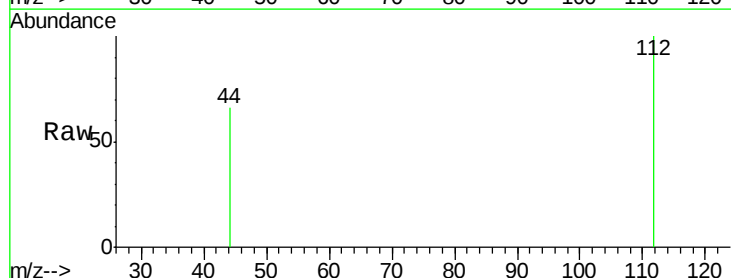
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



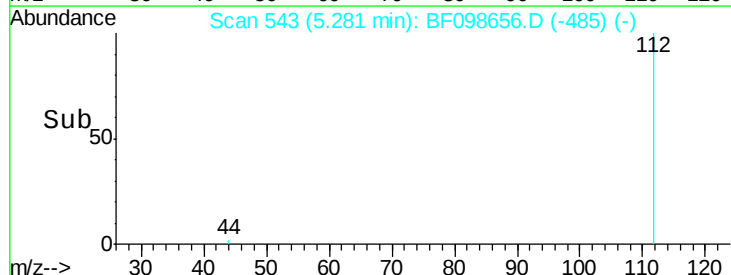
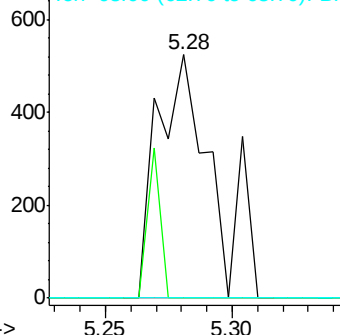
#5

2-Fluorophenol
Concen: 0.14 ng
RT: 5.28 min Scan# 543
Delta R.T. 0.04 min
Lab File: BF098656.D
Acq: 20 Sep 2017 13:26

Tgt Ion:112 Resp: 803
Ion Ratio Lower Upper
112 100
64 0.0 46.0 69.0#
63 0.0 23.4 35.0#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 0.27 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.03 min

Lab File: BF098656.D

Acq: 20 Sep 2017 13:26

Instrument :

BNA_F

ClientSampleId :

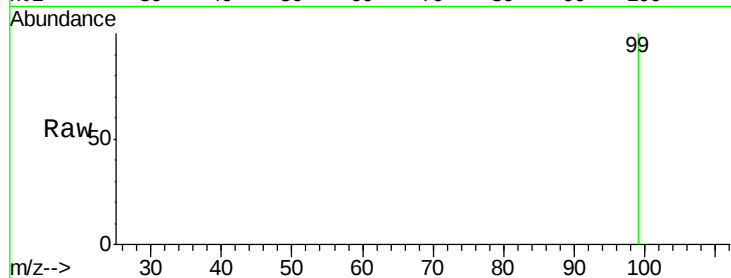
Tot Ion: 99 Resp: 1903

Ion Ratio Lower Upper

99 100

42 0.0 13.5 20.3#

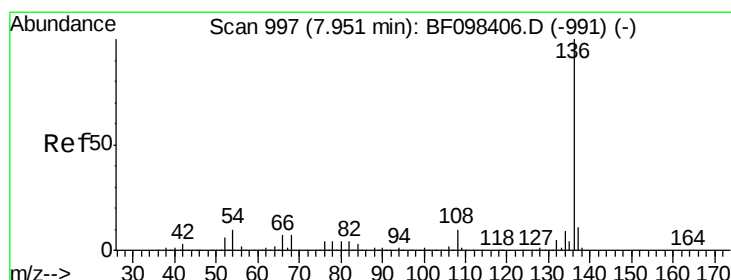
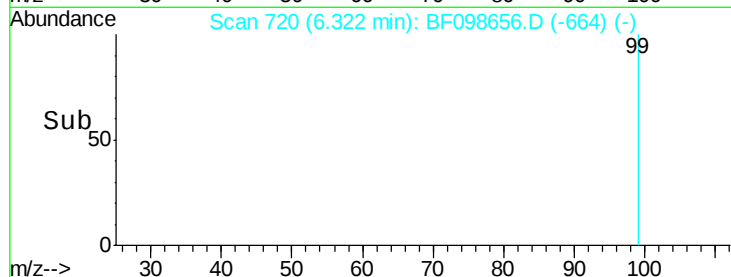
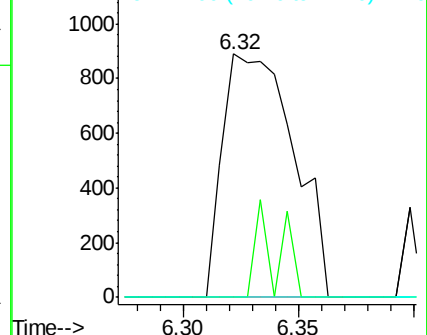
71 0.0 24.5 36.7#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.02 min

Lab File: BF098656.D

Acq: 20 Sep 2017 13:26

Tgt Ion: 136 Resp: 347266

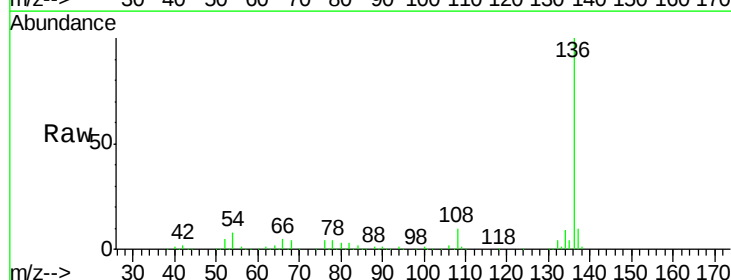
Ion Ratio Lower Upper

136 100

137 10.3 8.5 12.7

54 7.7 4.9 7.3#

68 4.4 4.1 6.1

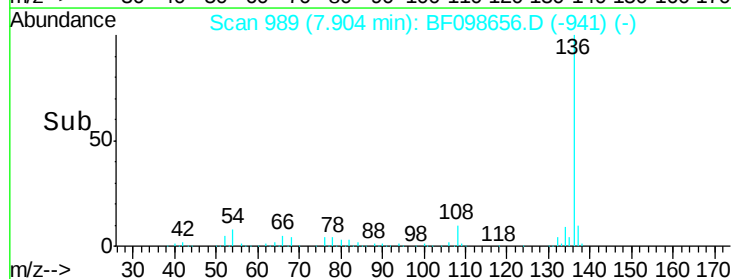
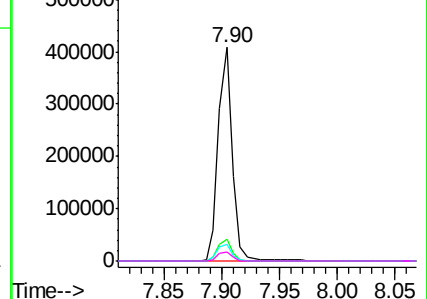


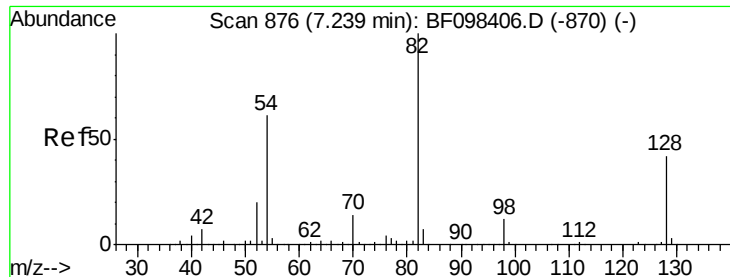
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

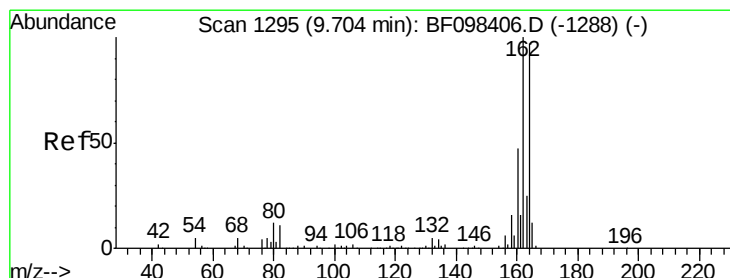
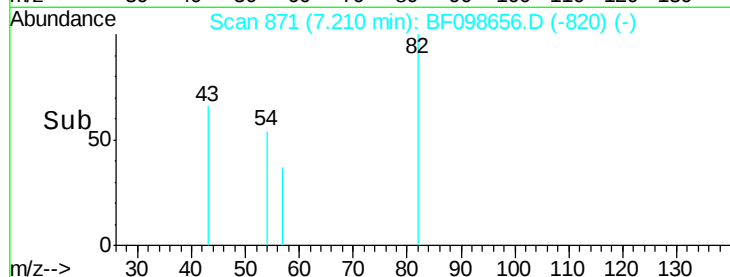
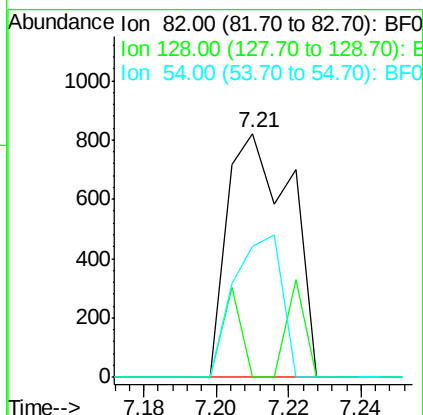
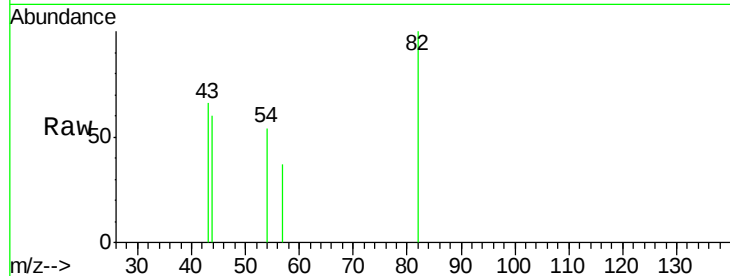




#23
Nitrobenzene-d5
Concen: 0.16 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF098656.D
Acq: 20 Sep 2017 13:26

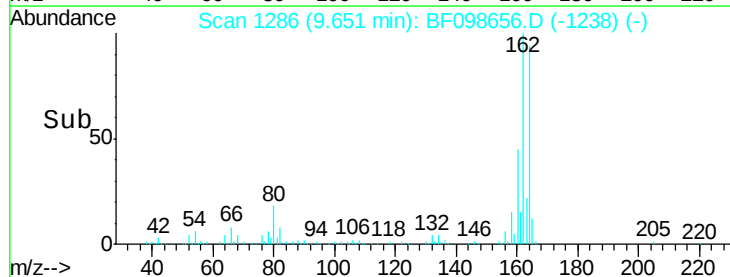
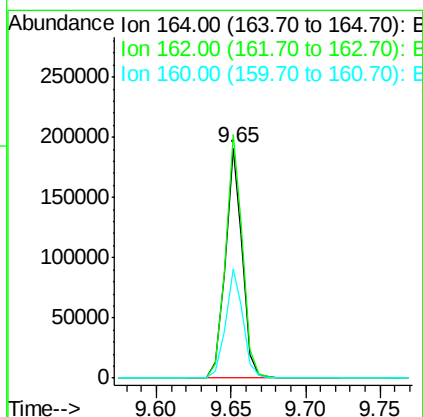
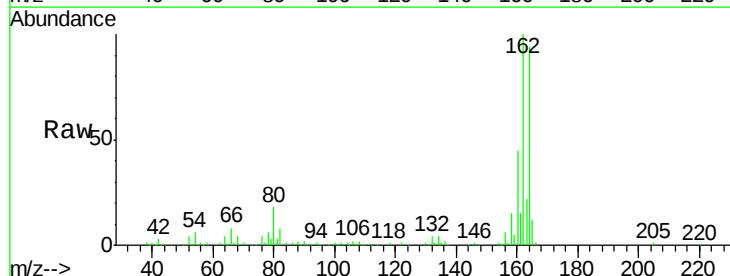
Instrument :
BNA_F
ClientSampleId :

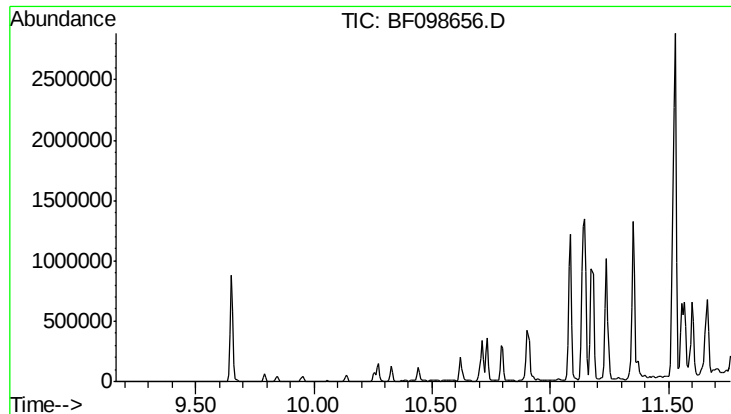
Tot Ion: 82 Resp: 996
Ion Ratio Lower Upper
82 100
128 0.0 34.0 51.0#
54 53.8 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BF098656.D
Acq: 20 Sep 2017 13:26

Tgt Ion:164 Resp: 153725
Ion Ratio Lower Upper
164 100
162 105.9 82.6 123.8
160 47.6 36.2 54.2

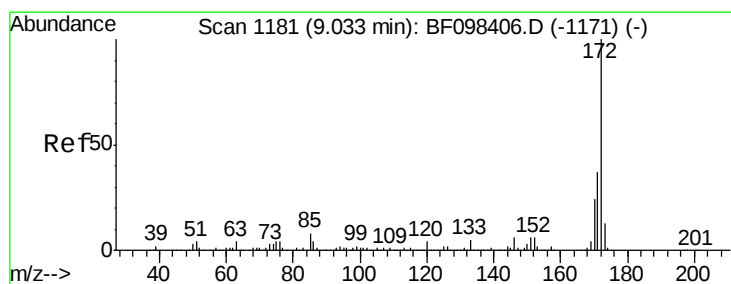
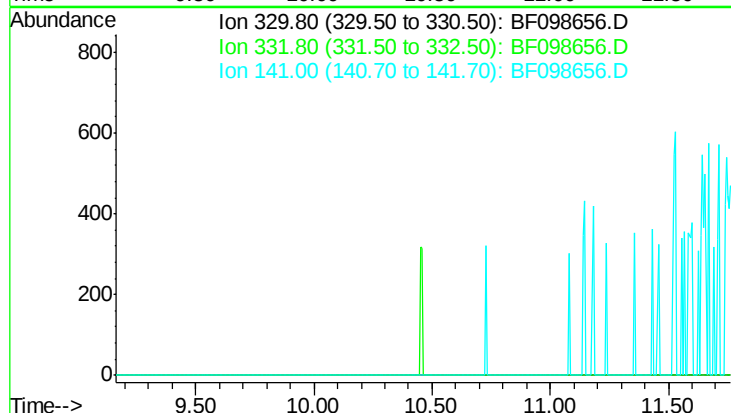




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.46 min
 Lab File: BF098656.D
 Acq: 20 Sep 2017 13:26

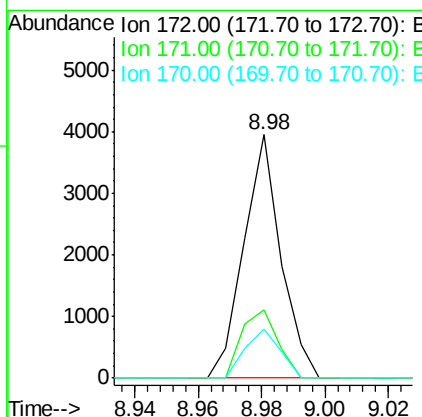
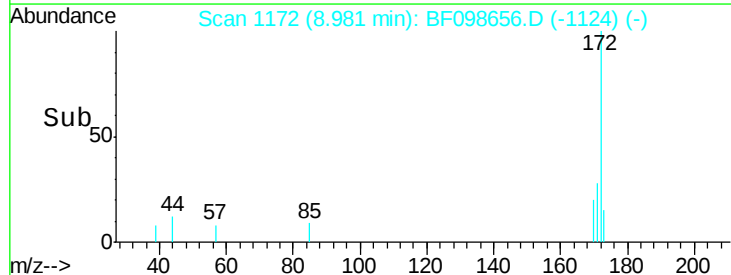
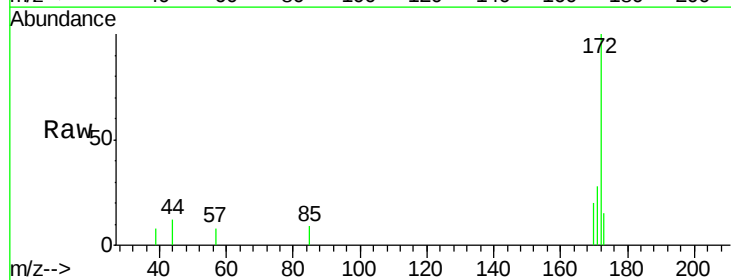
Instrument :
 BNA_F
 ClientSampleId :

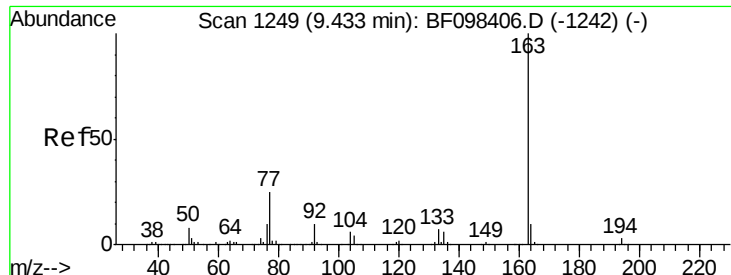
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 95.8
 141 39.3



#44
 2-Fluorobiphenyl
 Concen: 0.35 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF098656.D
 Acq: 20 Sep 2017 13:26

Tgt Ion: 172 Resp: 3203
 Ion Ratio Lower Upper
 172 100
 171 28.1 29.6 44.4#
 170 20.1 19.8 29.8

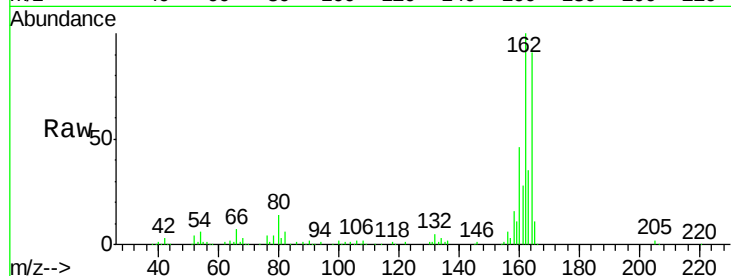




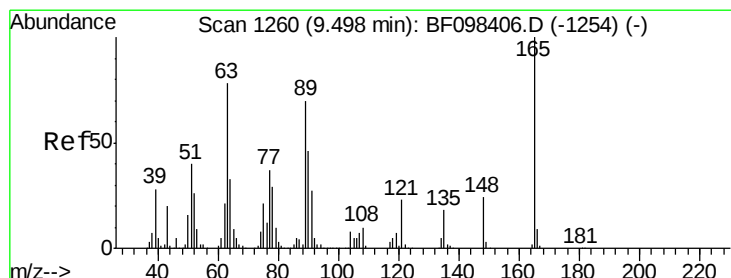
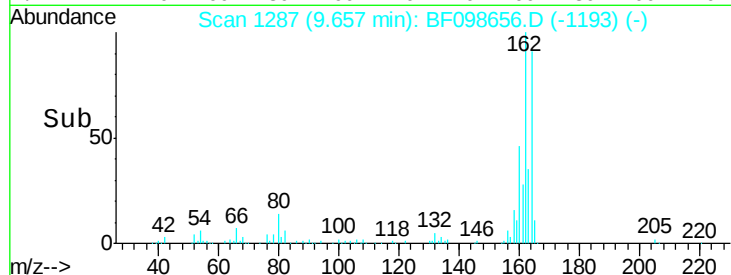
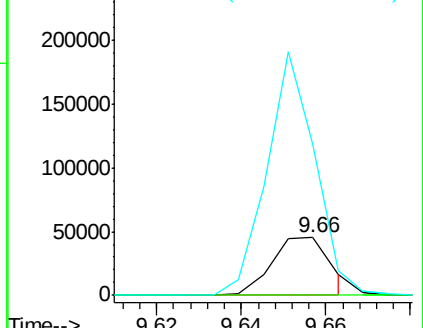
#49
Dimethylphthalate
Concen: 3.70 ng
RT: 9.66 min Scan# 1287
Delta R.T. 0.25 min
Lab File: BF098656.D
Acq: 20 Sep 2017 13:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 44045
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 262.5 8.4 12.6#

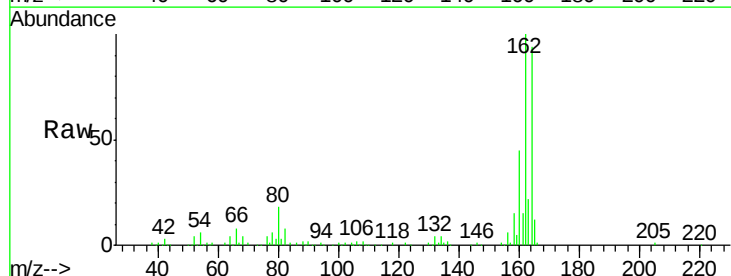


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

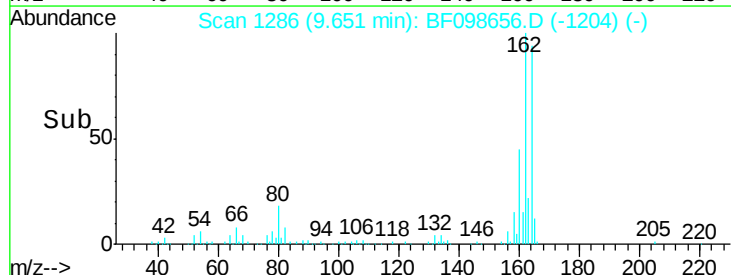
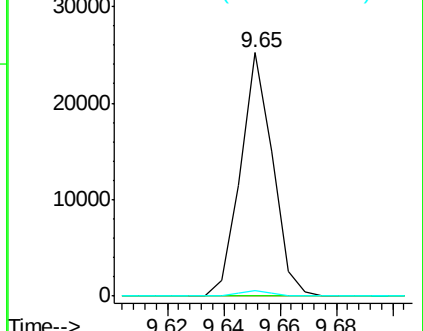


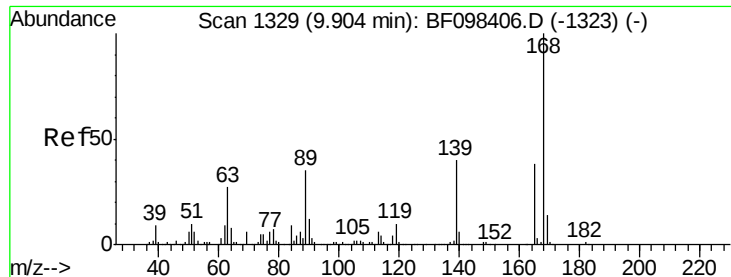
#50
2,6-Dinitrotoluene
Concen: 8.12 ng
RT: 9.65 min Scan# 1286
Delta R.T. 0.18 min
Lab File: BF098656.D
Acq: 20 Sep 2017 13:26

Tgt Ion:165 Resp: 19838
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 2.5 37.1 55.7#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

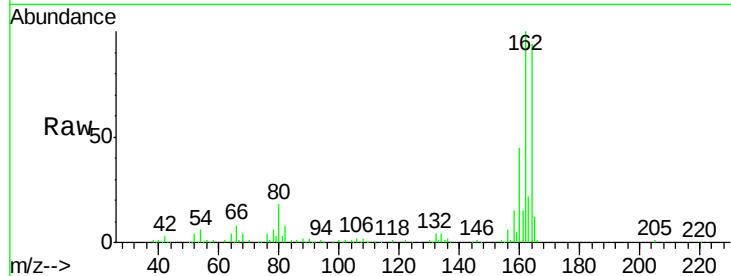




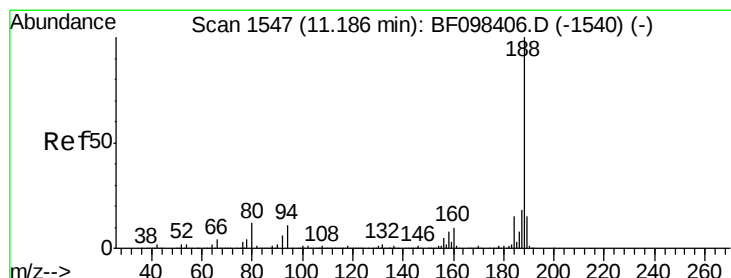
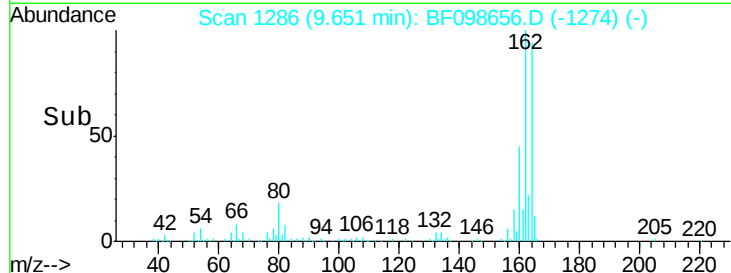
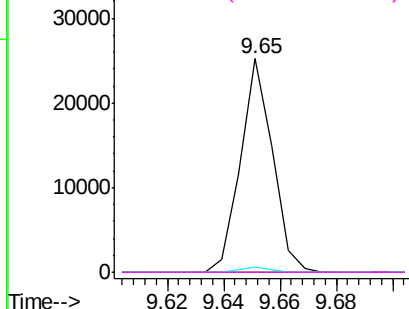
#56
 2,4-Dinitrotoluene
 Concen: 6.68 ng
 RT: 9.65 min Scan# 1286
 Delta R.T. -0.23 min
 Lab File: BF098656.D
 Acq: 20 Sep 2017 13:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 19838
 Ion Ratio Lower Upper
 165 100
 63 0.0 25.4 38.0#
 89 2.5 46.4 69.6#
 182 0.0 1.8 2.6#

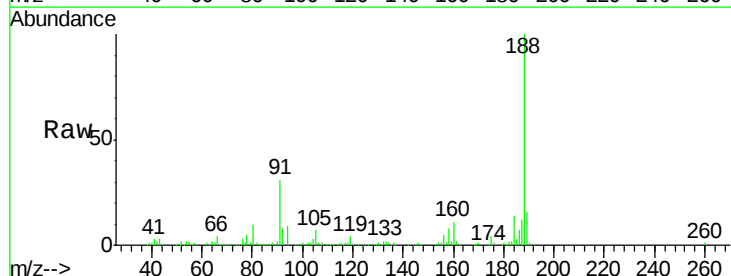


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

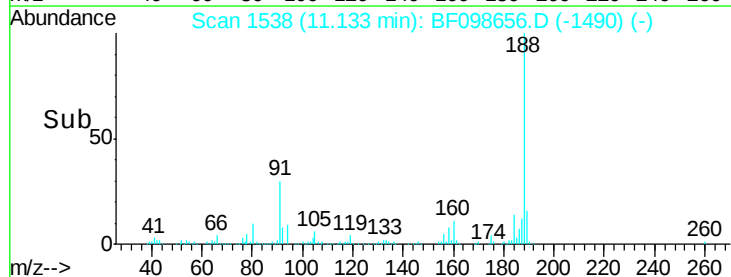
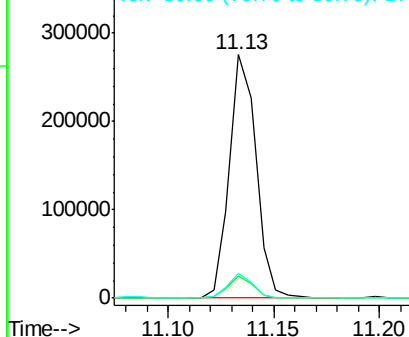


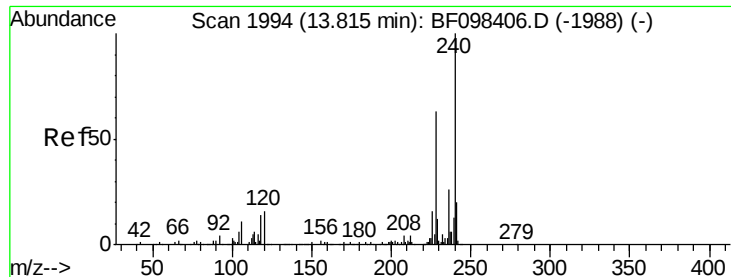
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. -0.02 min
 Lab File: BF098656.D
 Acq: 20 Sep 2017 13:26

Tgt Ion:188 Resp: 240402
 Ion Ratio Lower Upper
 188 100
 94 9.1 9.4 14.2#
 80 10.2 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF098656.D

Acq: 20 Sep 2017 13:26

Instrument :

BNA_F

ClientSampled :

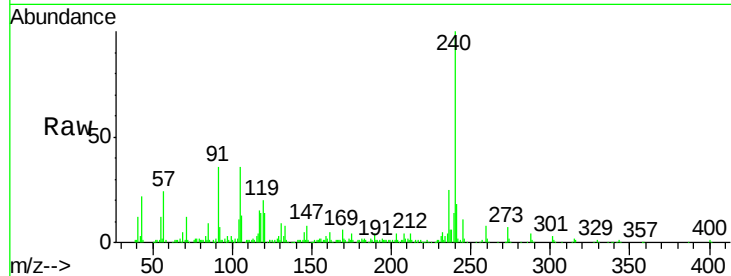
Tot Ion:240 Resp: 146569

Ion Ratio Lower Upper

240 100

120 14.0 5.8 8.8#

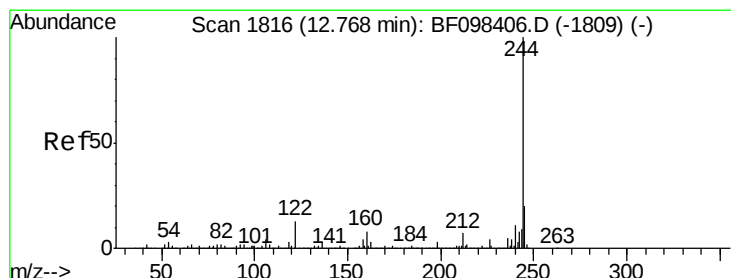
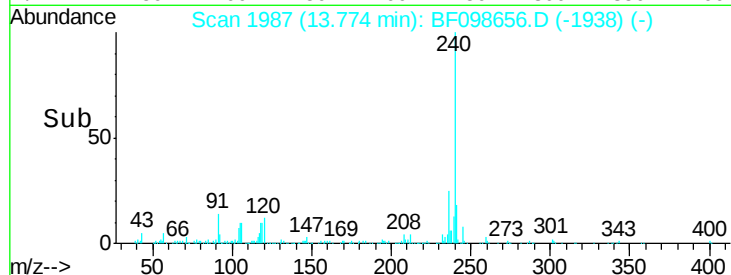
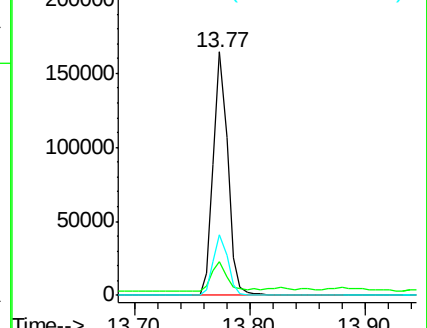
236 24.9 20.5 30.7



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: 0.42 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF098656.D

Acq: 20 Sep 2017 13:26

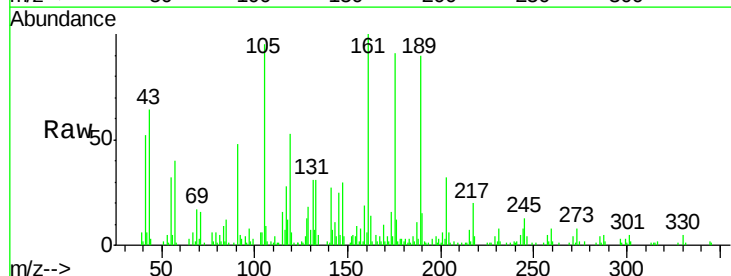
Tgt Ion:244 Resp: 2846

Ion Ratio Lower Upper

244 100

212 0.0 6.0 9.0#

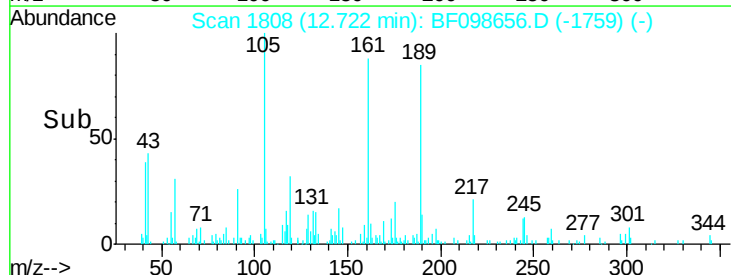
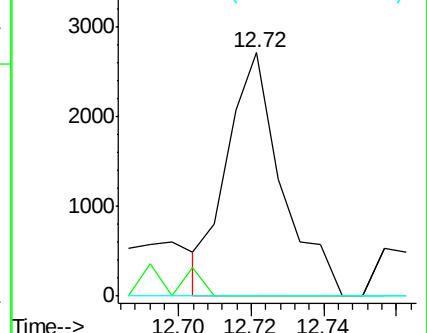
122 0.0 10.3 15.5#

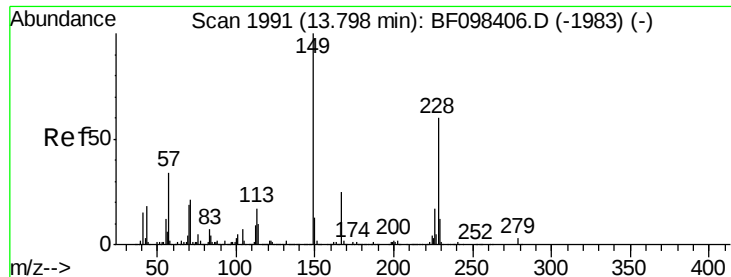


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 7.31 ng

RT: 13.75 min Scan# 1983

Delta R.T. -0.02 min

Lab File: BF098656.D

Acq: 20 Sep 2017 13:26

Instrument :

BNA_F

ClientSampleId :

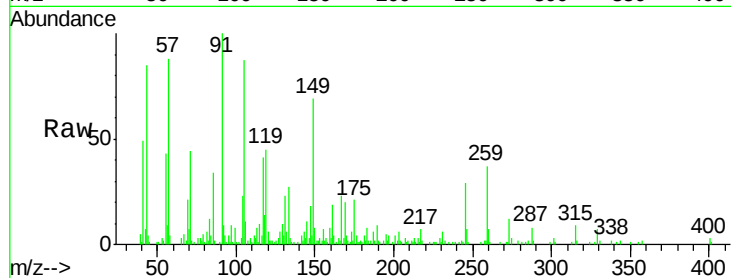
Tot Ion:149 Resp: 45988

Ion Ratio Lower Upper

149 100

167 33.0 21.0 31.4#

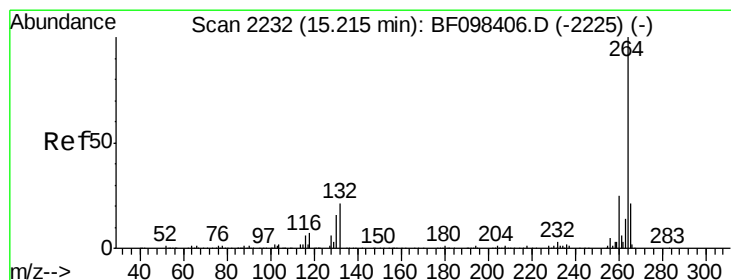
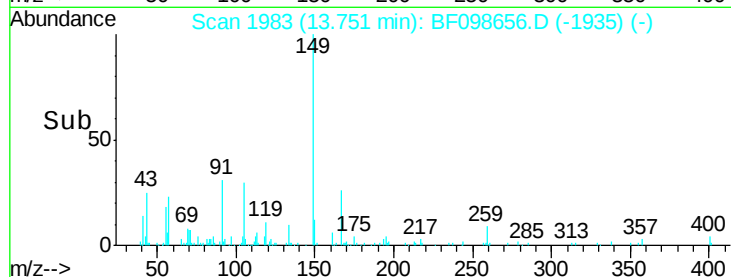
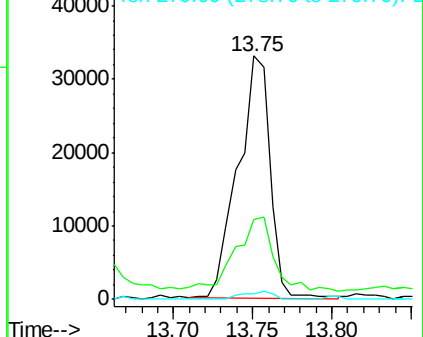
279 2.3 1.9 2.9



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: 20.00 ng

RT: 15.17 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BF098656.D

Acq: 20 Sep 2017 13:26

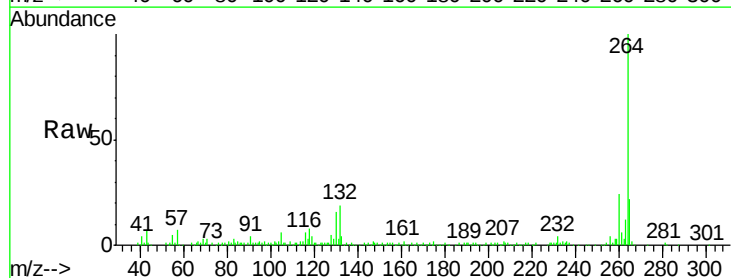
Tgt Ion:264 Resp: 169058

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 21.5 17.2 25.8



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

