

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
 Data File : BF098525.D
 Acq On : 14 Sep 2017 13:21
 Operator : SJ/JU
 Sample : I5203-01RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A4129RE

Quant Time: Sep 14 15:42:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 14 15:40:22 2017
 Response via : Initial Calibration

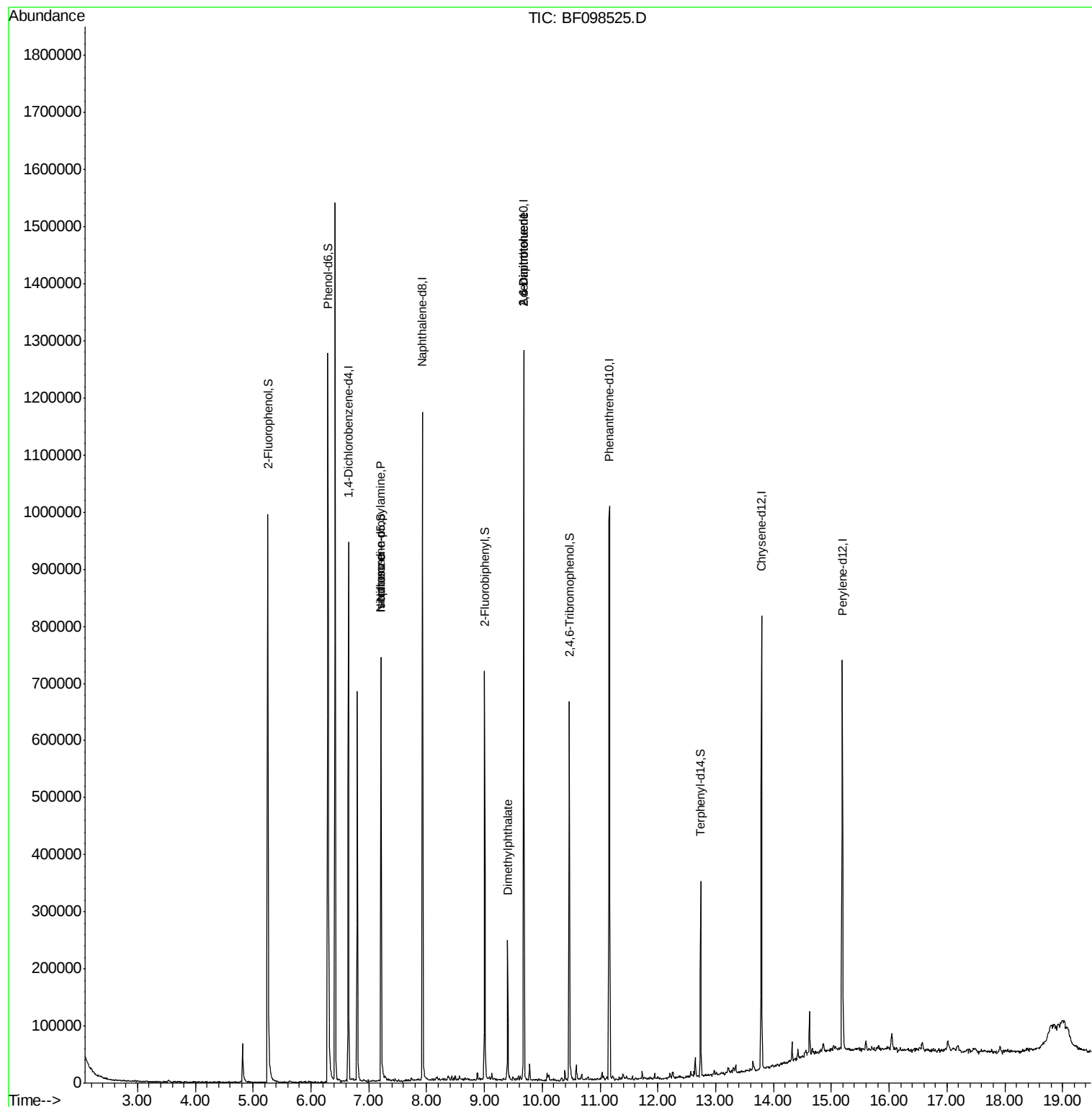
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	127146	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	517454	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	225759	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	373889	20.00	ng	0.00
75) Chrysene-d12	13.79	240	243233	20.00	ng	-0.01
86) Perylene-d12	15.19	264	279989	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	322238	37.47	ng	0.00
7) Phenol-d6	6.29	99	430055	39.39	ng	-0.01
23) Nitrobenzene-d5	7.21	82	235669	25.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	63944	42.44	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	194022	14.57	ng	-0.01
78) Terphenyl-d14	12.74	244	90887	8.07	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.21	70	31300	4.557	ng	Qvalue # 80
25) Isophorone	7.21	82	235668	12.549	ng	# 67
49) Dimethylphthalate	9.40	163	90955	5.205	ng	100
50) 2,6-Dinitrotoluene	9.68	165	29409	8.193	ng	# 34
56) 2,4-Dinitrotoluene	9.68	165	29409	6.739	ng	# 33

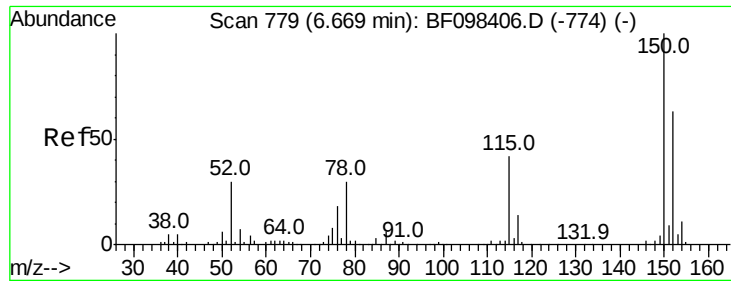
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098525.D
Acq On : 14 Sep 2017 13:21
Operator : SJ/JU
Sample : I5203-01RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A4129RE

Quant Time: Sep 14 15:42:16 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 14 15:40:22 2017
Response via : Initial Calibration



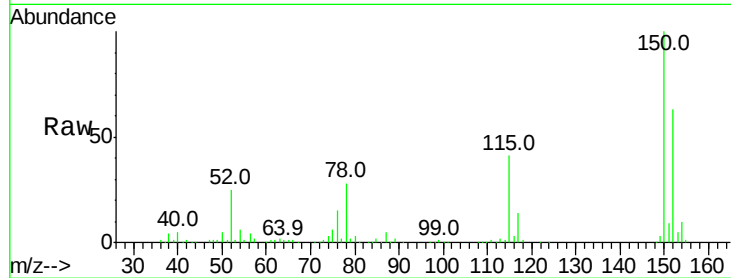


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.65 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF098525.D
 Acq: 14 Sep 2017 13:21

Instrument :
 BNA_F
 ClientSampleId :
 A4129RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.2	189.2
115	64.7	52.2	78.2

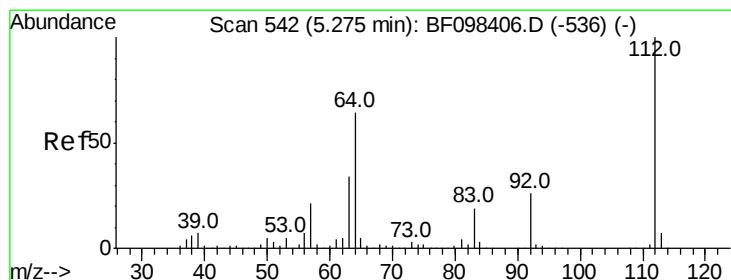
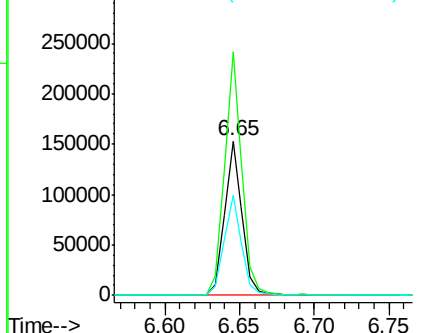
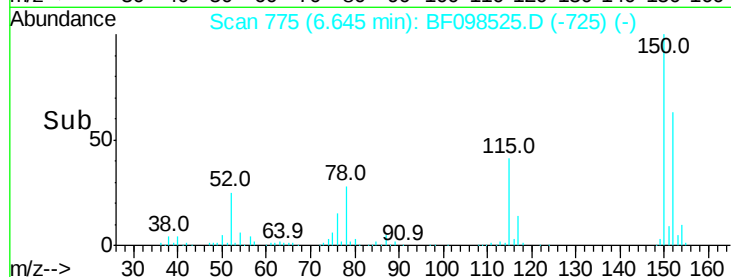


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

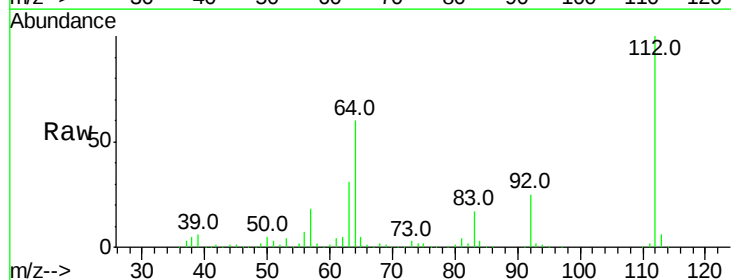
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 37.472 ng
 RT: 5.25 min Scan# 538
 Delta R.T. 0.00 min
 Lab File: BF098525.D
 Acq: 14 Sep 2017 13:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	46.0	69.0
63	31.3	23.4	35.0

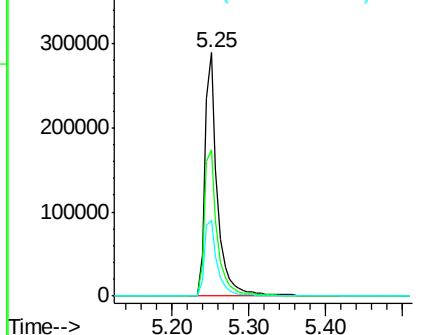
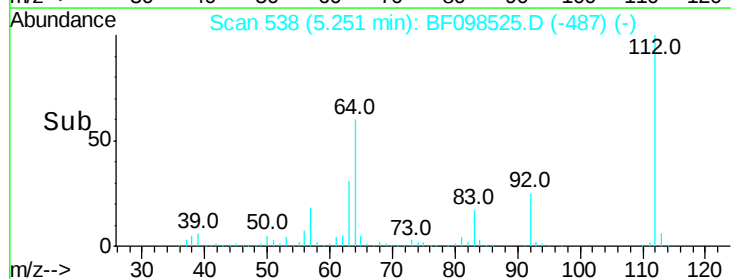


Abundance

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: 39.388 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF098525.D

Acq: 14 Sep 2017 13:21

Instrument :

BNA_F

ClientSampleId :

A4129RE

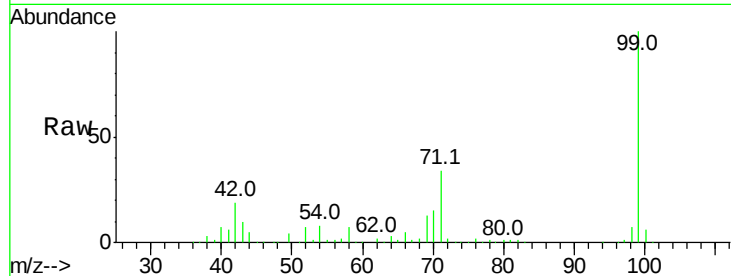
Tot Ion: 99 Resp: 430055

Ion Ratio Lower Upper

99 100

42 18.8 13.5 20.3

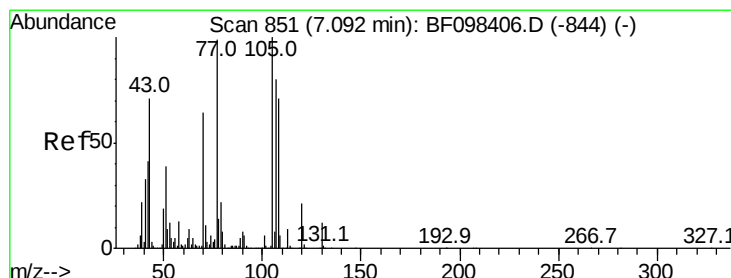
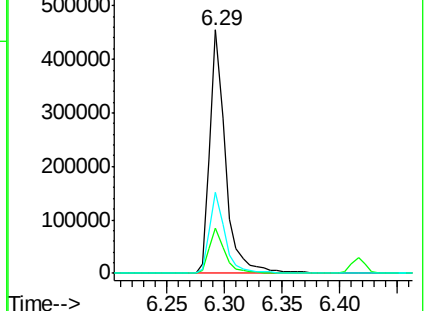
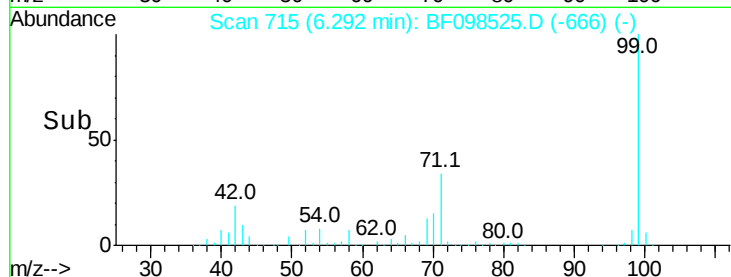
71 33.5 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 4.557 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.14 min

Lab File: BF098525.D

Acq: 14 Sep 2017 13:21

Tgt Ion: 70 Resp: 31300

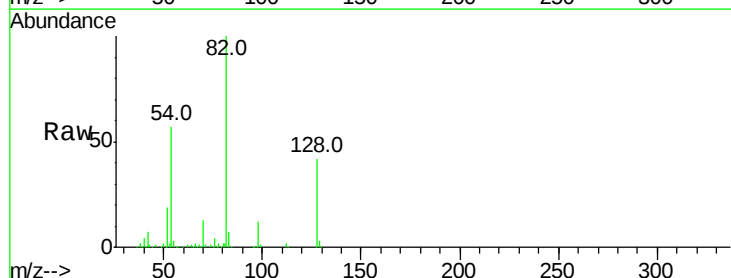
Ion Ratio Lower Upper

70 100

42 49.4 47.2 70.8

101 0.0 7.2 10.8#

130 1.8 15.9 23.9#

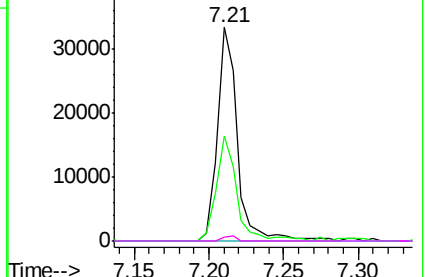
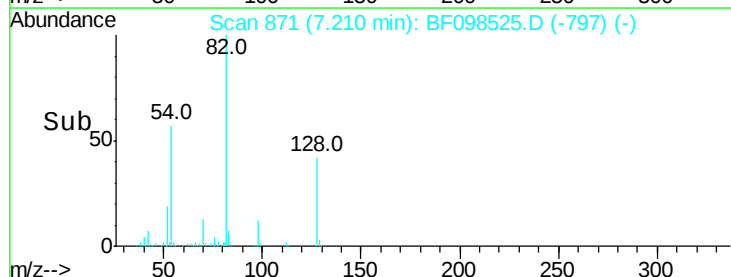


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF098525.D

Acq: 14 Sep 2017 13:21

Instrument :

BNA_F

ClientSampleId :

A4129RE

Tot Ion:136 Resp: 517454

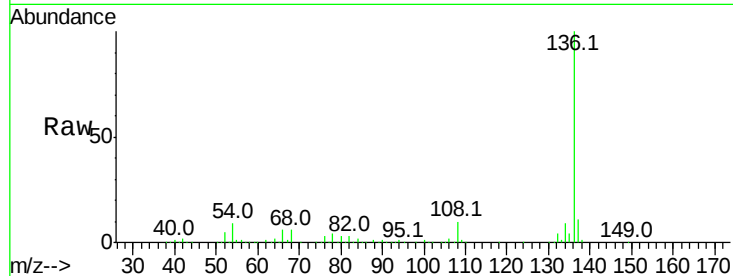
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 9.4 4.9 7.3#

68 6.2 4.1 6.1#

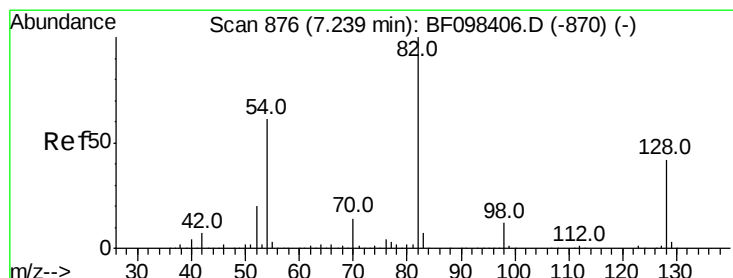
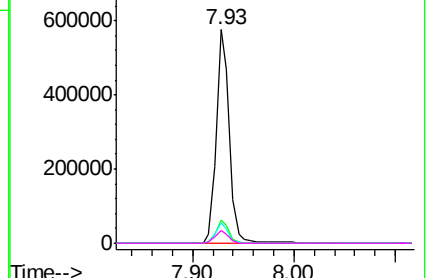
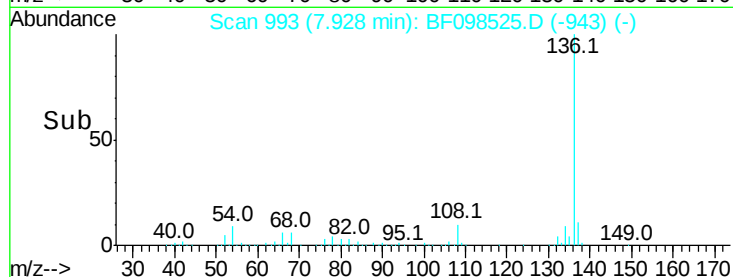


Abundance Ion 136.00 (135.70 to 136.70): E

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: 25.391 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF098525.D

Acq: 14 Sep 2017 13:21

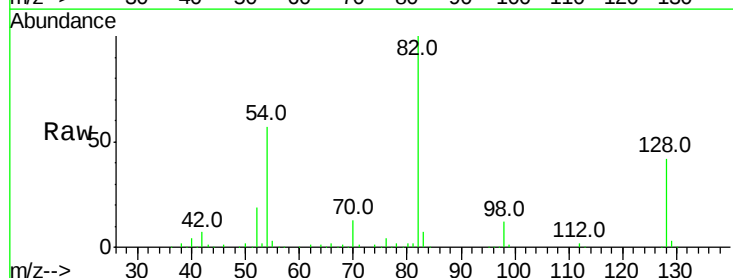
Tgt Ion: 82 Resp: 235669

Ion Ratio Lower Upper

82 100

128 41.8 34.0 51.0

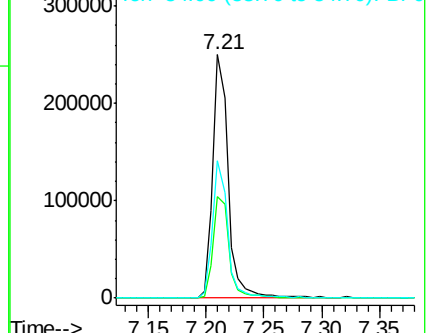
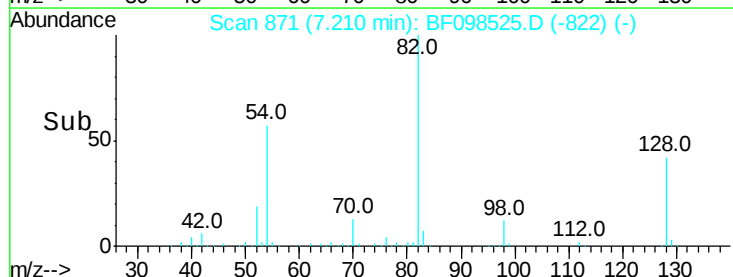
54 56.6 42.2 63.2

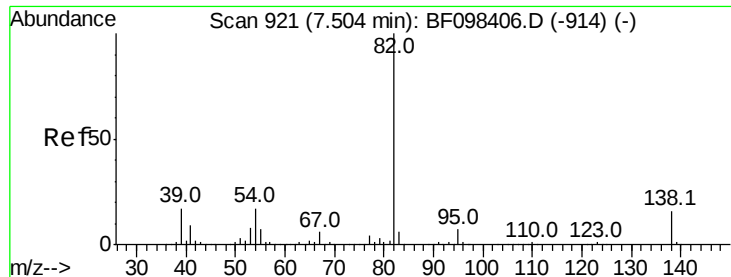


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 12.549 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.28 min

Lab File: BF098525.D

Acq: 14 Sep 2017 13:21

Instrument :

BNA_F

ClientSampleId :

A4129RE

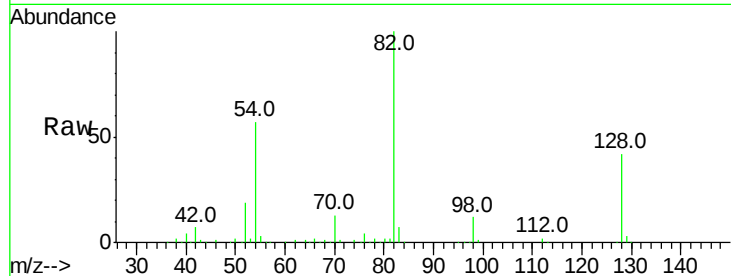
Tot Ion: 82 Resp: 235668

Ion Ratio Lower Upper

82 100

95 0.2 5.3 7.9#

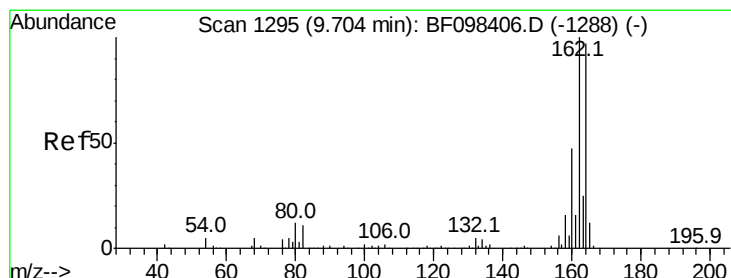
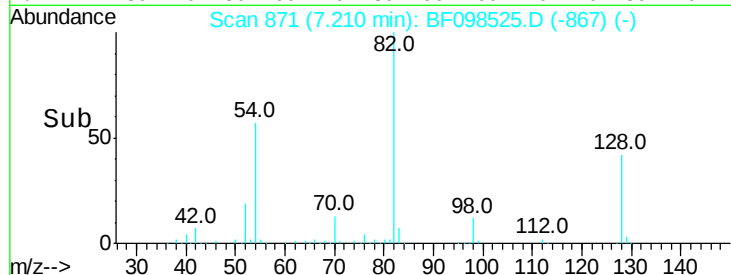
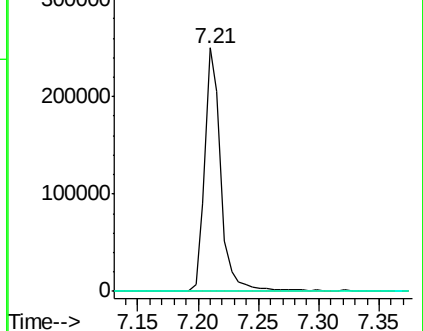
138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF098525.D

Acq: 14 Sep 2017 13:21

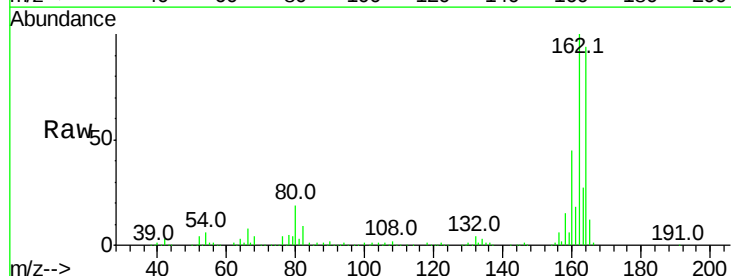
Tgt Ion:164 Resp: 225759

Ion Ratio Lower Upper

164 100

162 106.7 82.6 123.8

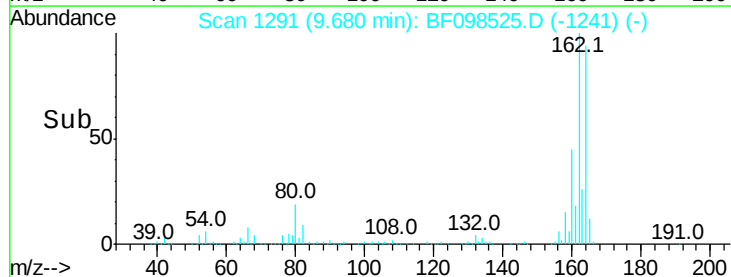
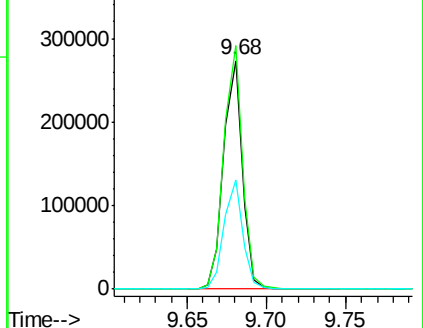
160 48.1 36.2 54.2

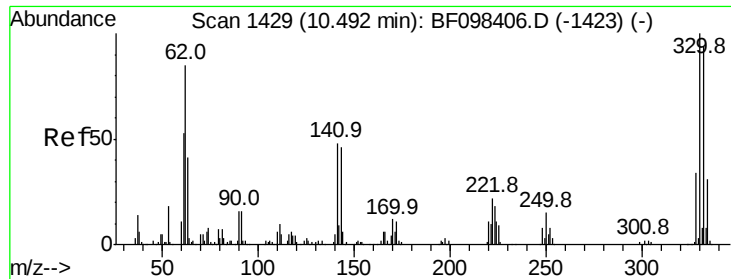


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

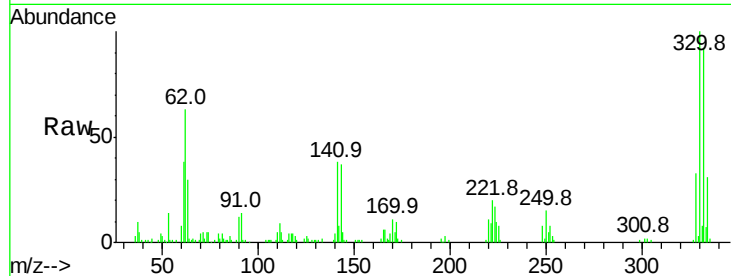




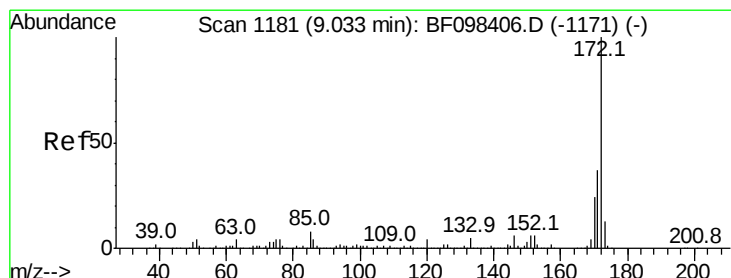
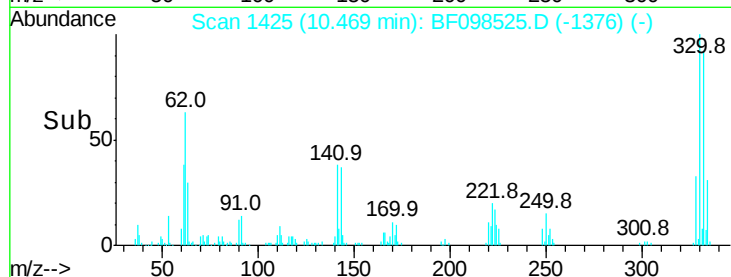
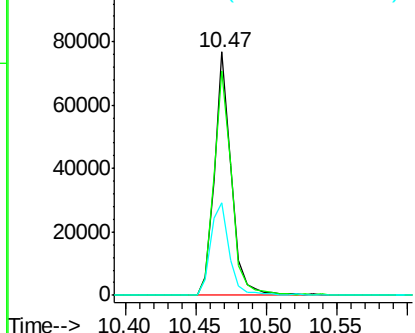
#41
 2,4,6-Tribromophenol
 Concen: 42.438 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF098525.D
 Acq: 14 Sep 2017 13:21

Instrument :
 BNA_F
 ClientSampled :
 A4129RE

Tot Ion:330 Resp: 63944
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 42.2 31.4 47.2

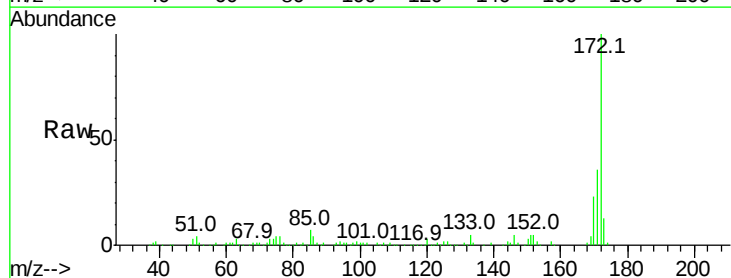


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

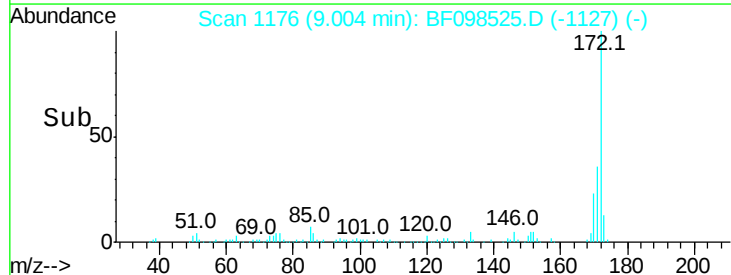
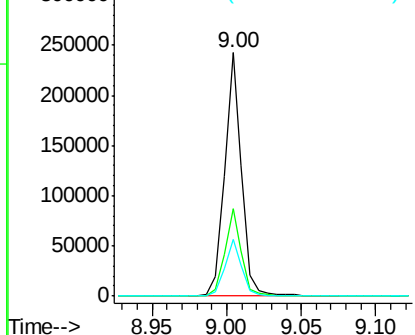


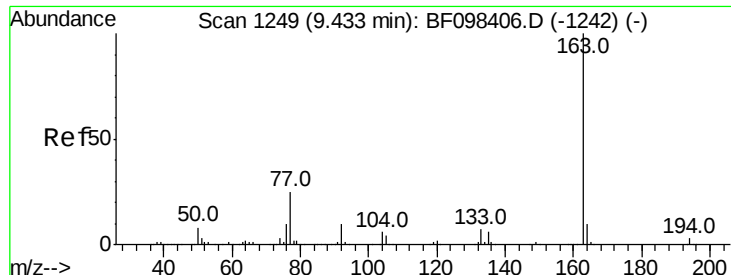
#44
 2-Fluorobiphenyl
 Concen: 14.566 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF098525.D
 Acq: 14 Sep 2017 13:21

Tgt Ion:172 Resp: 194022
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.4 19.8 29.8



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

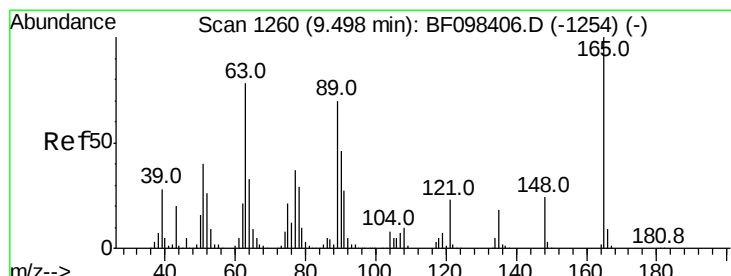
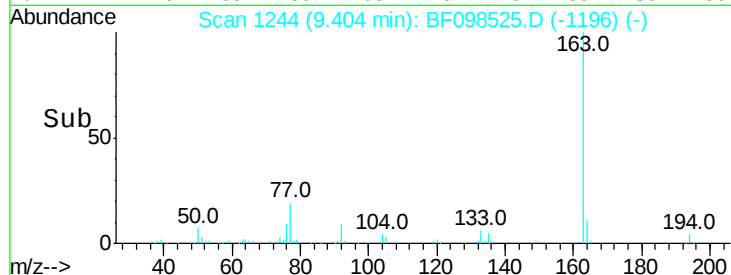
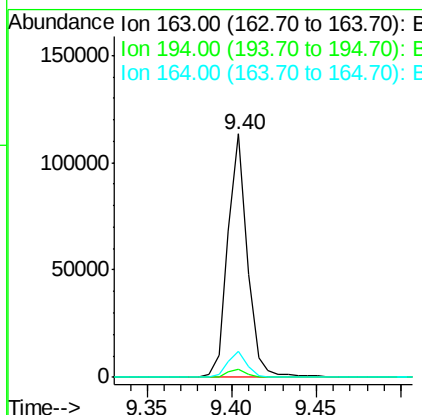
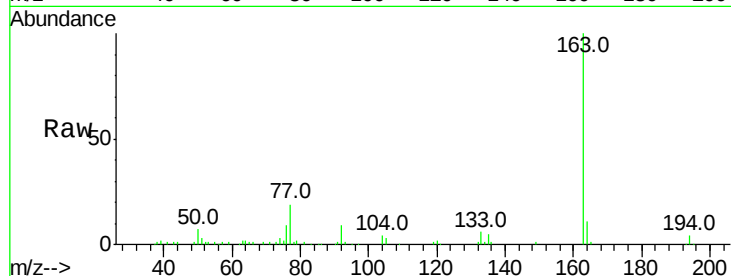




#49
Dimethylphthalate
Concen: 5.205 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.02 min
Lab File: BF098525.D
Acq: 14 Sep 2017 13:21

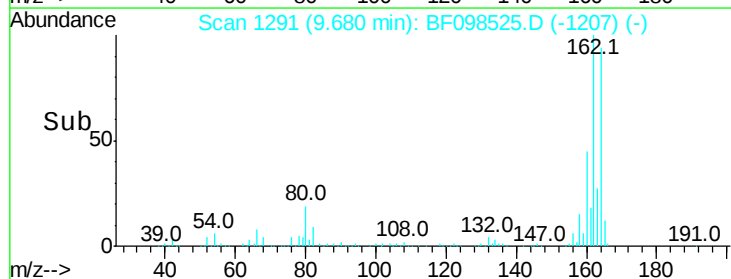
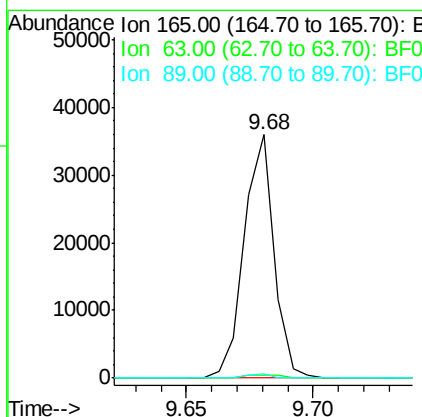
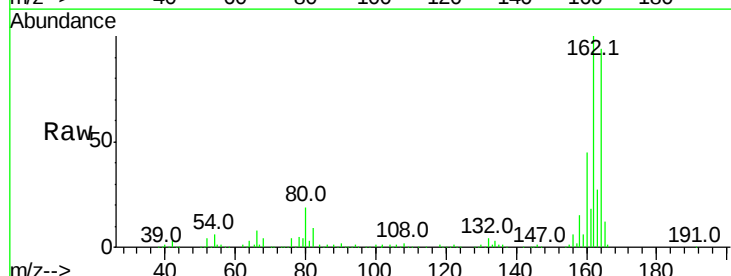
Instrument :
BNA_F
ClientSampled :
A4129RE

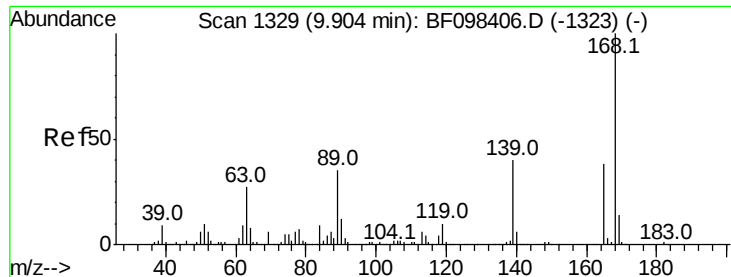
Tot Ion:163 Resp: 90955
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.6 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 8.193 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.19 min
Lab File: BF098525.D
Acq: 14 Sep 2017 13:21

Tgt Ion:165 Resp: 29409
Ion Ratio Lower Upper
165 100
63 1.3 34.3 51.5#
89 1.8 37.1 55.7#

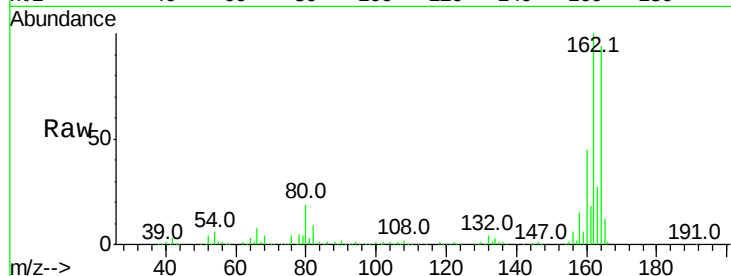




#56
 2,4-Dinitrotoluene
 Concen: 6.739 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.21 min
 Lab File: BF098525.D
 Acq: 14 Sep 2017 13:21

Instrument :
 BNA_F
 ClientSampleId :
 A4129RE

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.4	38.0#
89	1.8	46.4	69.6#
182	0.0	1.8	2.6#

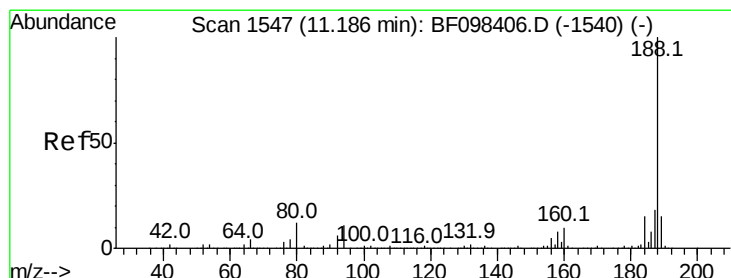
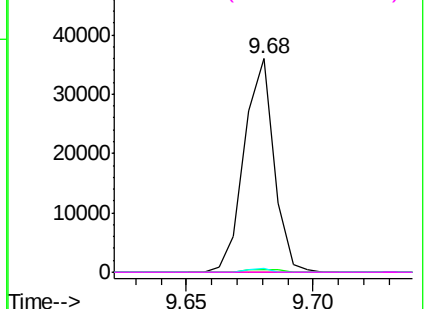
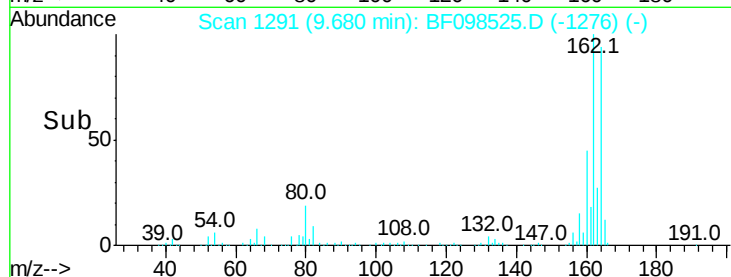


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

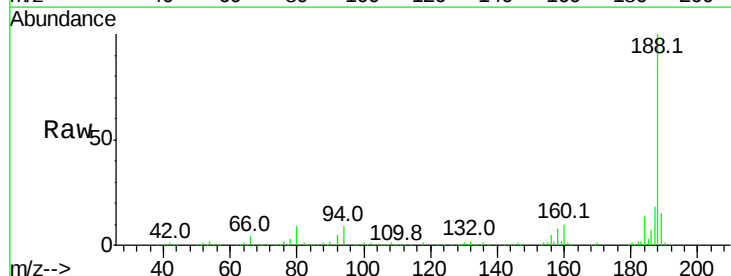
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. -0.01 min
 Lab File: BF098525.D
 Acq: 14 Sep 2017 13:21

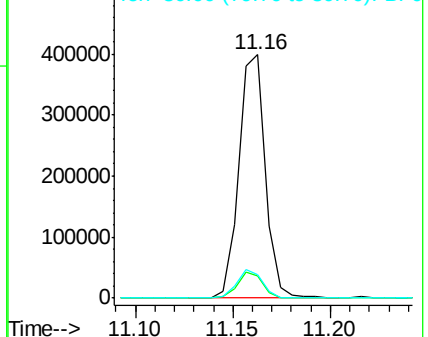
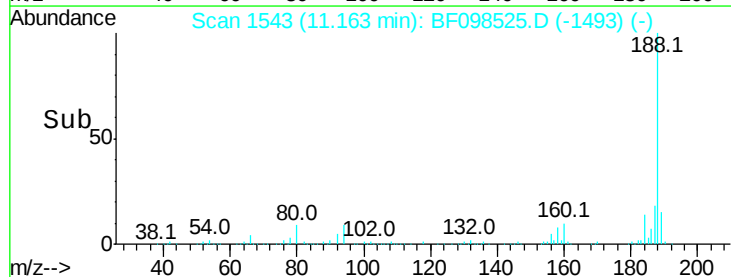
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	9.4	14.2#
80	9.4	10.2	15.2#

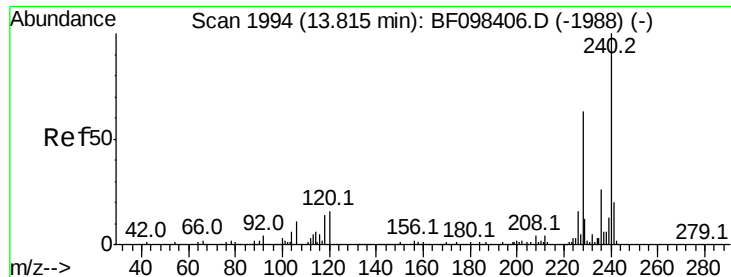


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BF098525.D

Acq: 14 Sep 2017 13:21

Instrument :

BNA_F

ClientSampleId :

A4129RE

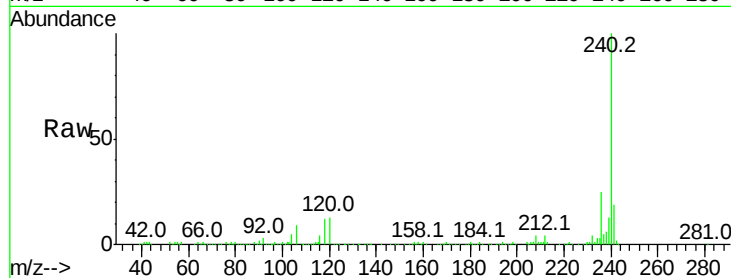
Tot Ion:240 Resp: 243233

Ion Ratio Lower Upper

240 100

120 12.9 5.8 8.8#

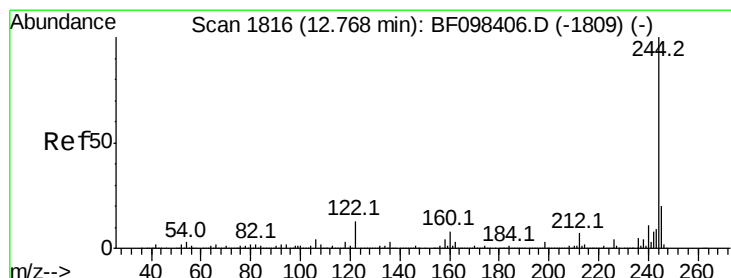
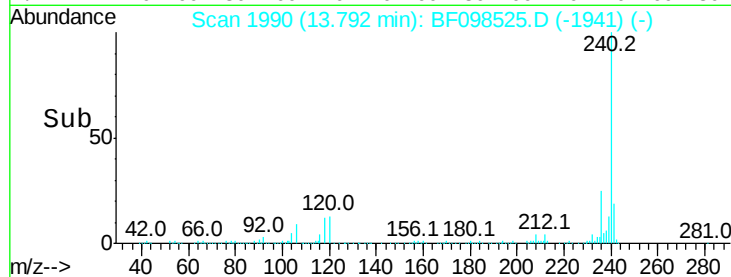
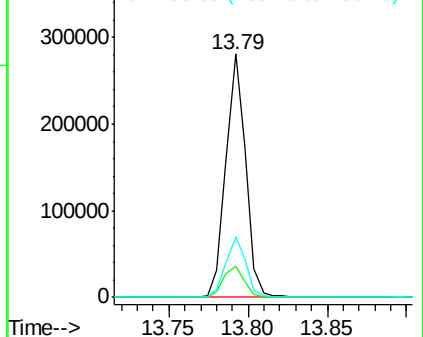
236 25.1 20.5 30.7



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: 8.065 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF098525.D

Acq: 14 Sep 2017 13:21

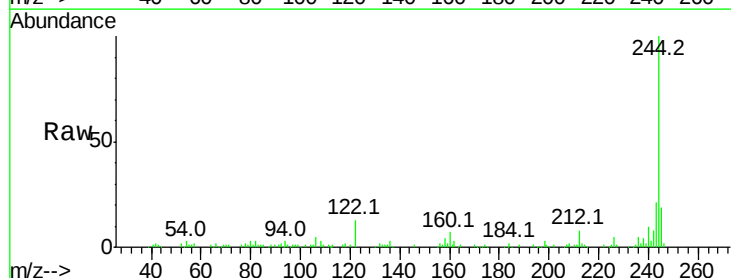
Tgt Ion:244 Resp: 90887

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

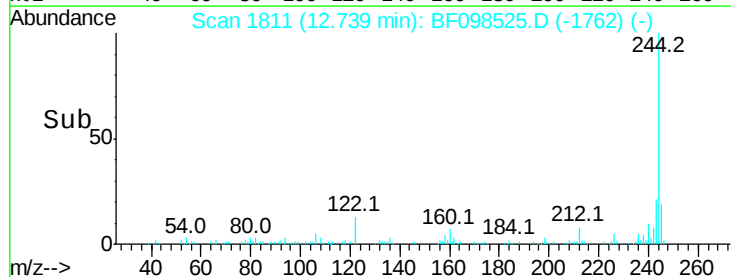
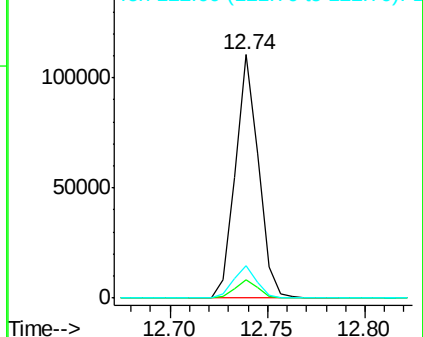
122 13.5 10.3 15.5

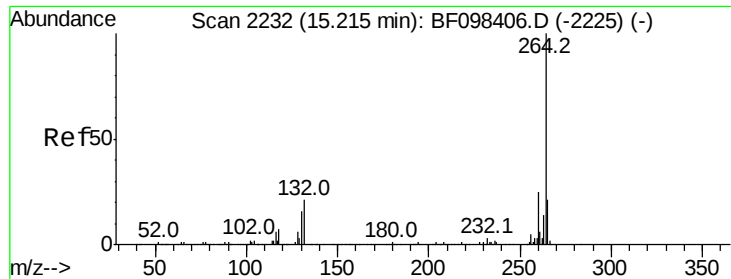


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

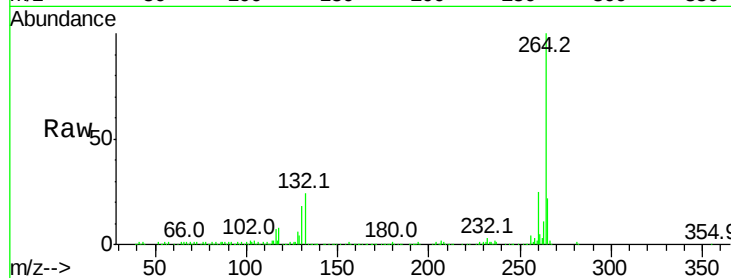




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BF098525.D
Acq: 14 Sep 2017 13:21

Instrument :
BNA_F
ClientSampleId :
A4129RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	22.0	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

