

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090617\
 Data File : BF098297.D
 Acq On : 7 Sep 2017 2:44
 Operator : SJ/JU
 Sample : I5053-01 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-46A-0-3-COMP

Quant Time: Sep 07 03:43:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

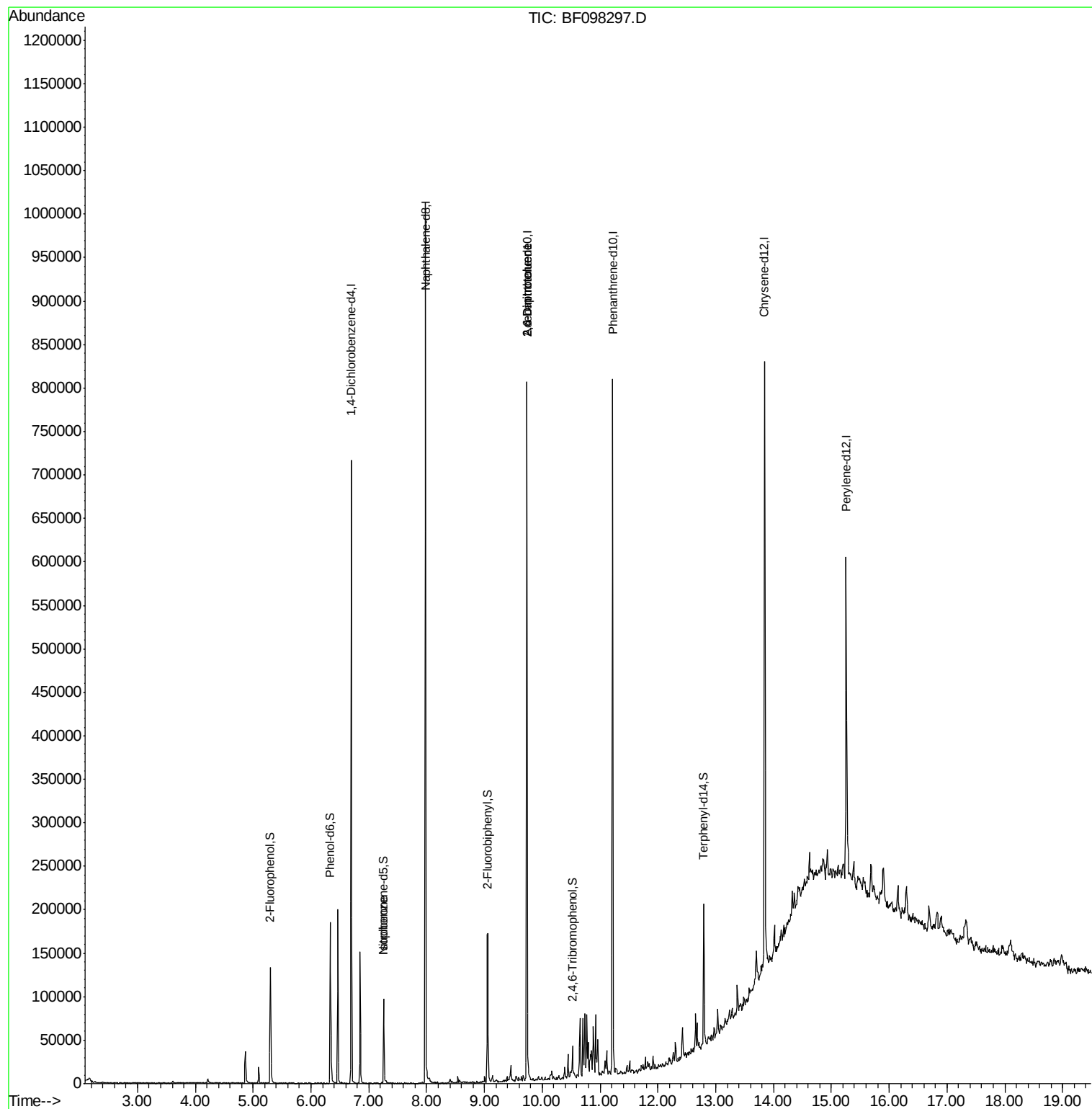
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	107939	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	402272	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	154871	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	265289	20.00	ng	0.00
75) Chrysene-d12	13.85	240	249644	20.00	ng	-0.01
86) Perylene-d12	15.26	264	167249	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	45429	6.40	ng	0.00
7) Phenol-d6	6.33	99	66745	6.92	ng	-0.02
23) Nitrobenzene-d5	7.26	82	35954	4.86	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	3879	2.89	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	60513	5.74	ng	-0.01
78) Terphenyl-d14	12.79	244	45336	3.79	ng	-0.02
Target Compounds						
25) Isophorone	7.26	82	35954	2.34	ng	# 67
50) 2,6-Dinitrotoluene	9.73	165	19546	8.65	ng	# 34
56) 2,4-Dinitrotoluene	9.73	165	19546	6.89	ng	# 33

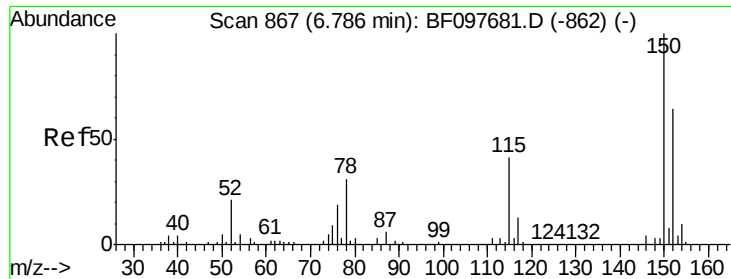
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098297.D
Acq On : 7 Sep 2017 2:44
Operator : SJ/JU
Sample : I5053-01 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G-46A-0-3-COMP

Quant Time: Sep 07 03:43:05 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 17:28:20 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF098297.D

Acq: 7 Sep 2017 2:44

Instrument :

BNA_F

ClientSampleId :

G-46A-0-3-COMP

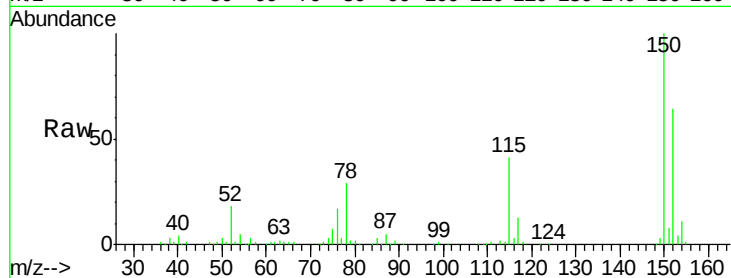
Tot Ion:152 Resp: 107939

Ion Ratio Lower Upper

152 100

150 155.0 126.2 189.2

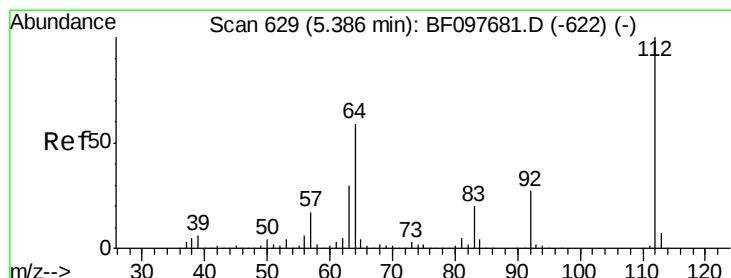
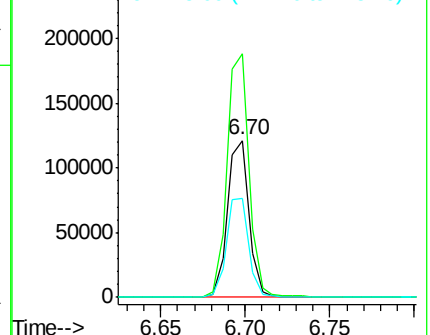
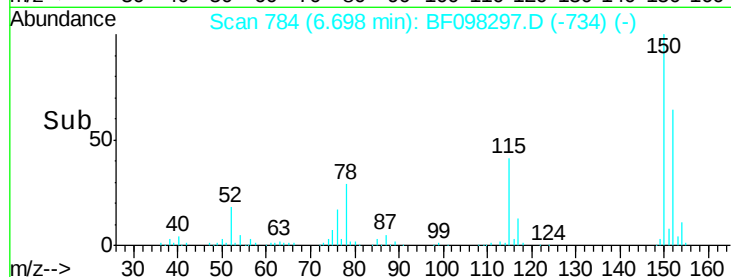
115 62.9 52.2 78.2



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: 6.40 ng

RT: 5.30 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF098297.D

Acq: 7 Sep 2017 2:44

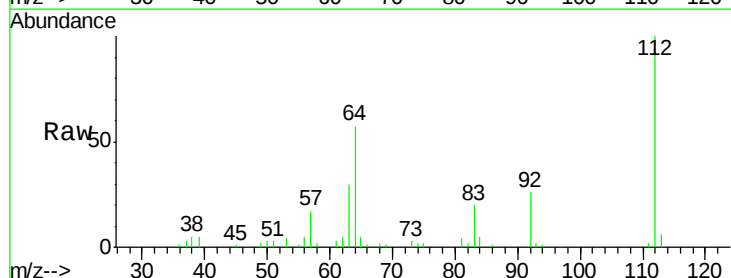
Tgt Ion:112 Resp: 45429

Ion Ratio Lower Upper

112 100

64 57.2 46.0 69.0

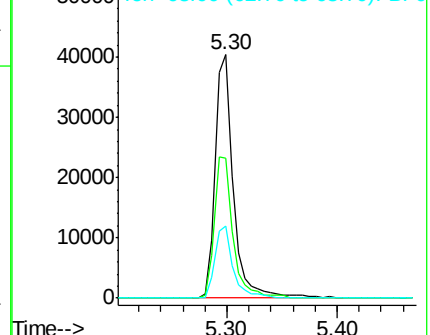
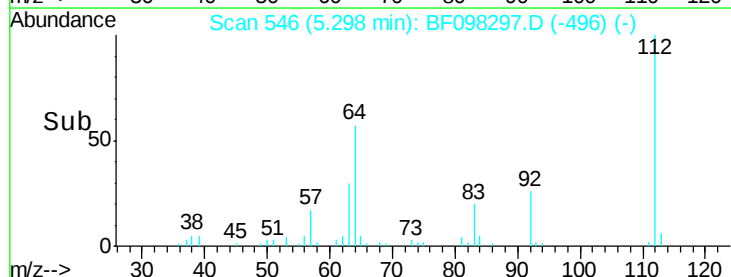
63 29.6 23.4 35.0

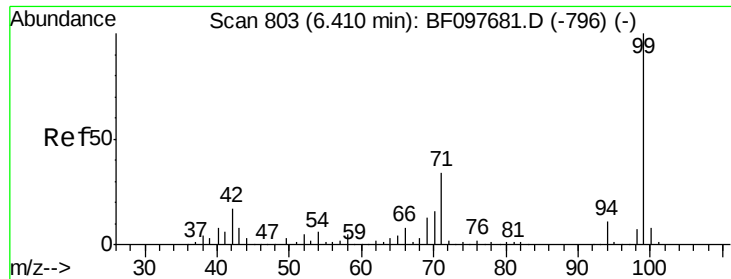


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 6.92 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF098297.D

Acq: 7 Sep 2017 2:44

Instrument :

BNA_F

ClientSampleId :

G-46A-0-3-COMP

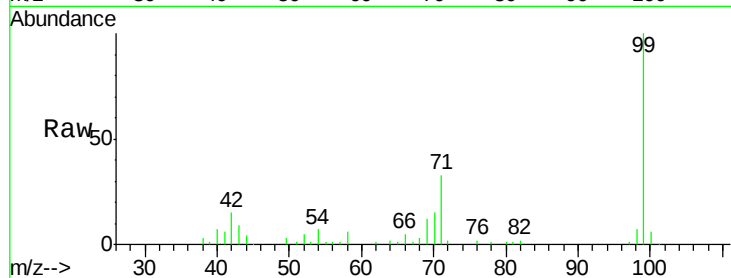
Tot Ion: 99 Resp: 66745

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

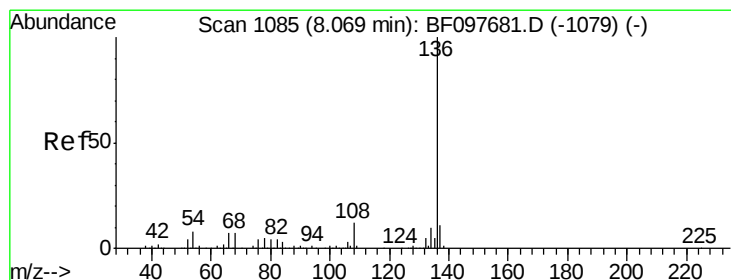
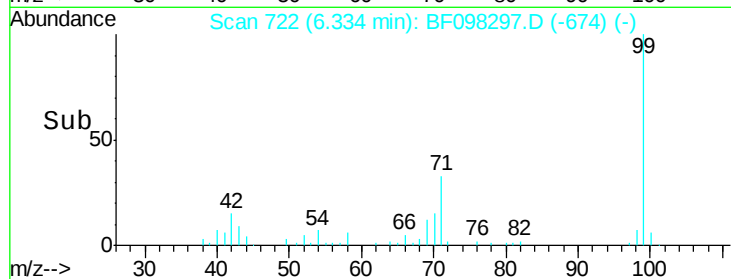
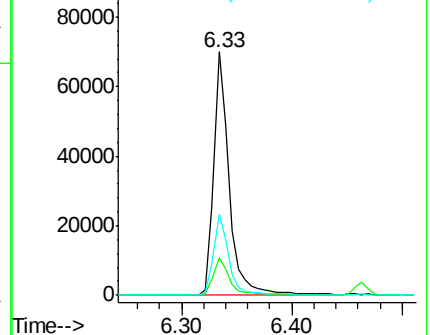
71 33.2 24.5 36.7



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: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF098297.D

Acq: 7 Sep 2017 2:44

Tgt Ion: 136 Resp: 402272

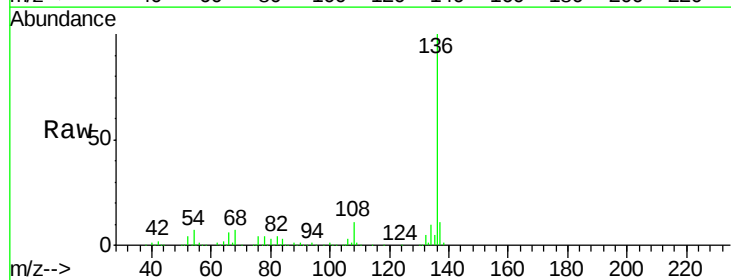
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.5 4.9 7.3#

68 7.1 4.1 6.1#

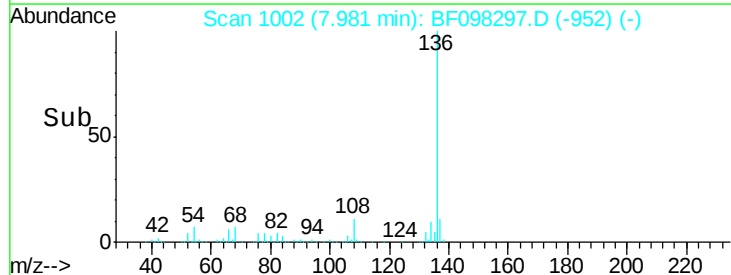
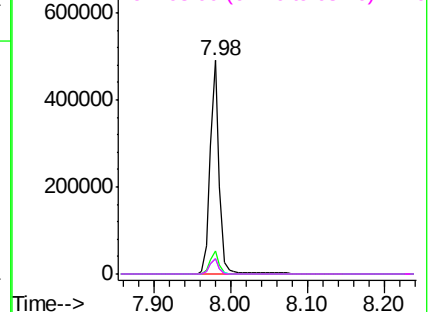


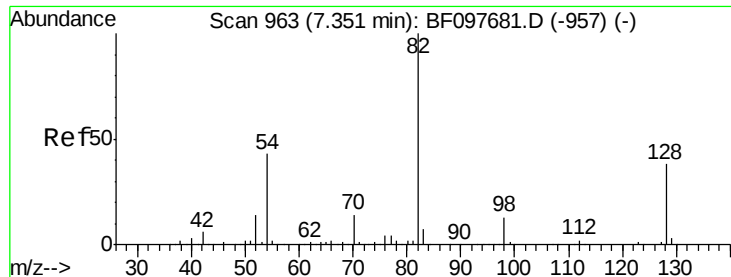
Abundance Ion 136.00 (135.70 to 136.70): E

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

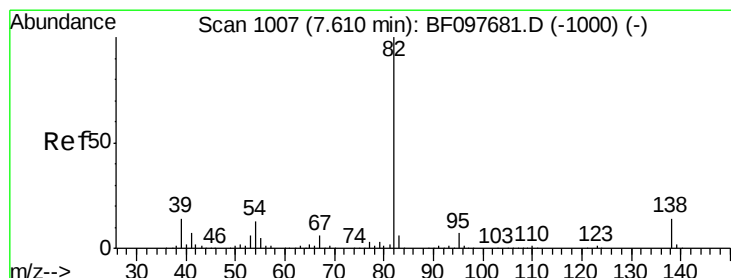
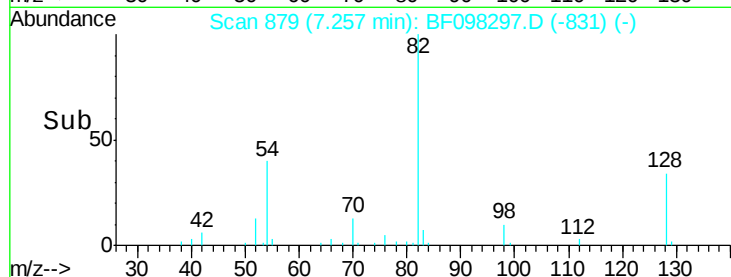
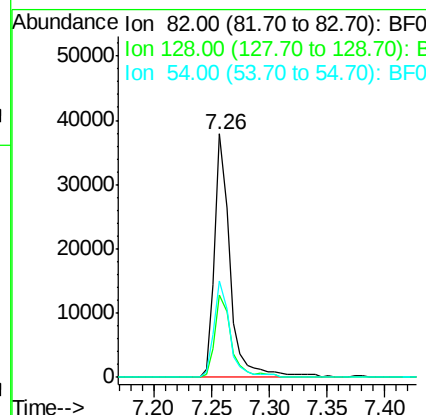
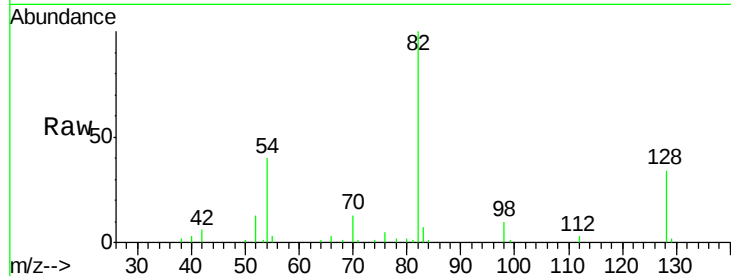




#23
 Nitrobenzene-d5
 Concen: 4.86 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BF098297.D
 Acq: 7 Sep 2017 2:44

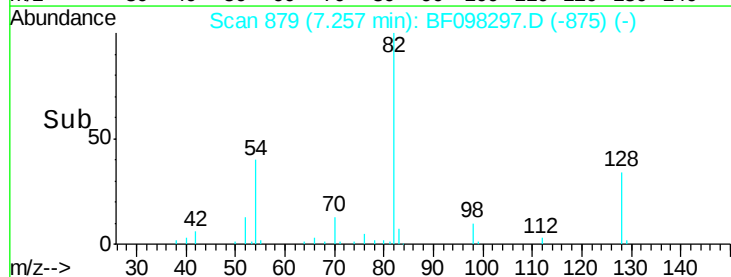
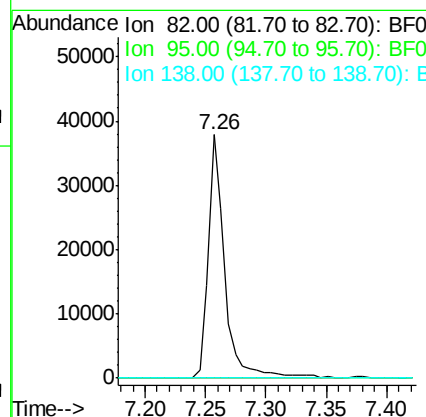
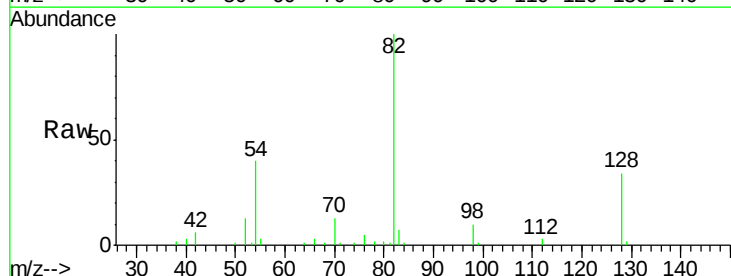
Instrument :
 BNA_F
 ClientSampleId :
 G-46A-0-3-COMP

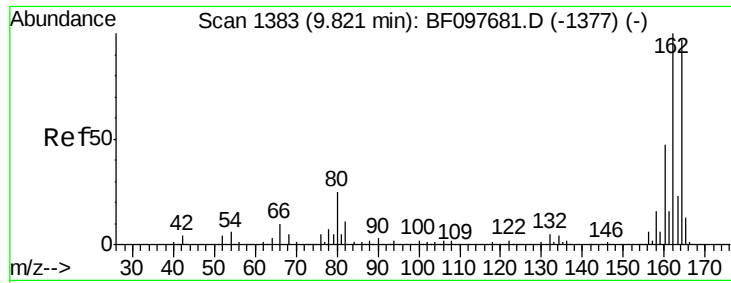
Tot Ion	82	Resp	35954
Ion Ratio	Lower	Upper	
82	100		
128	33.9	34.0	51.0#
54	39.7	42.2	63.2#



#25
 Isophorone
 Concen: 2.34 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.28 min
 Lab File: BF098297.D
 Acq: 7 Sep 2017 2:44

Tgt Ion	82	Resp	35954
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF098297.D

Acq: 7 Sep 2017 2:44

Instrument :

BNA_F

ClientSampleId :

G-46A-0-3-COMP

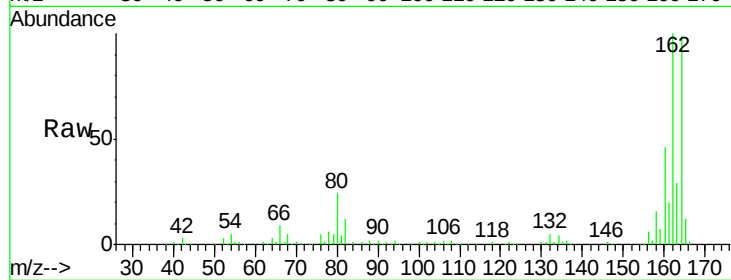
Tot Ion:164 Resp: 154871

Ion Ratio Lower Upper

164 100

162 101.2 82.6 123.8

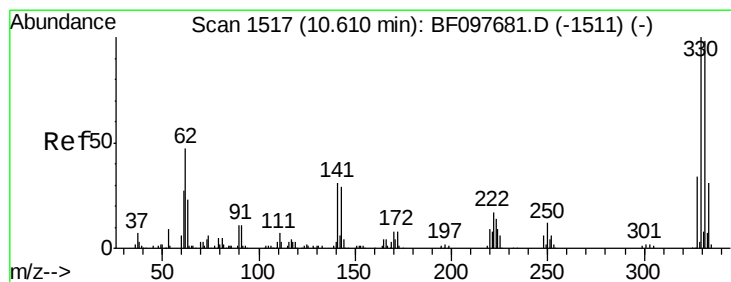
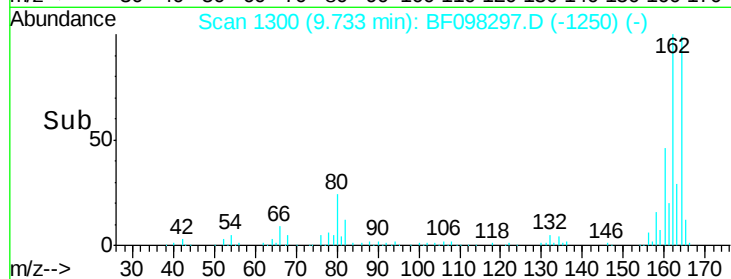
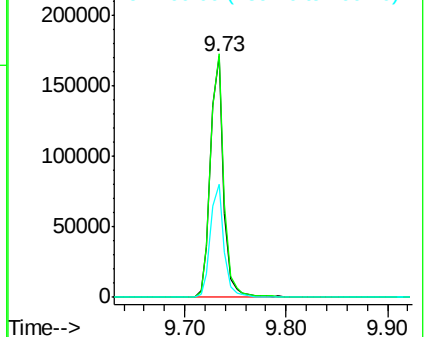
160 47.0 36.2 54.2



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: 2.89 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF098297.D

Acq: 7 Sep 2017 2:44

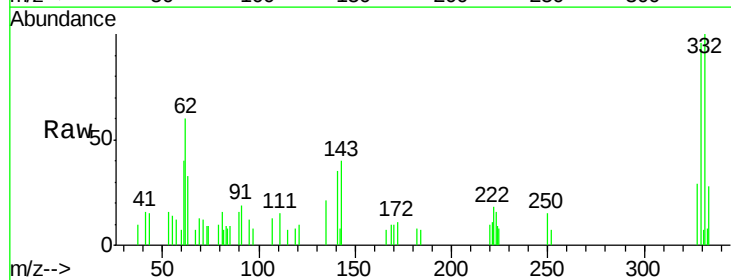
Tgt Ion:330 Resp: 3879

Ion Ratio Lower Upper

330 100

332 101.1 76.6 115.0

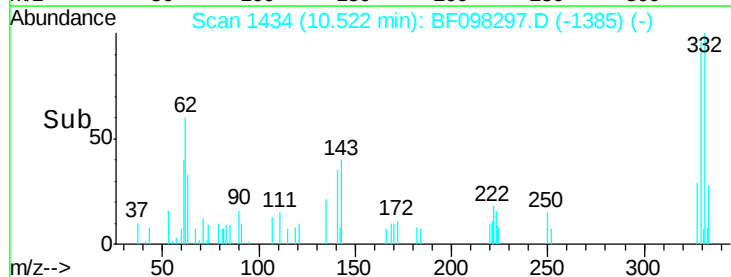
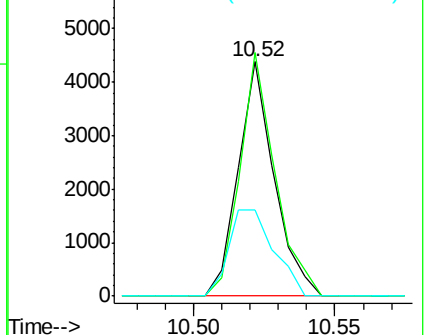
141 46.1 31.4 47.2

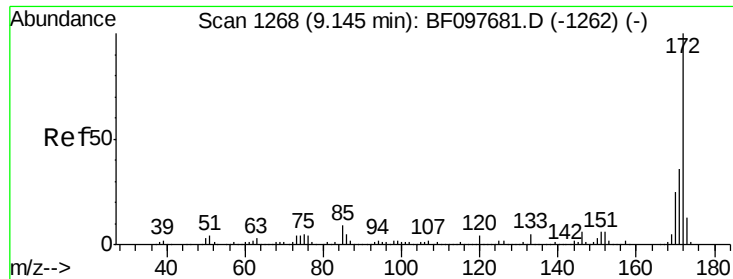


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

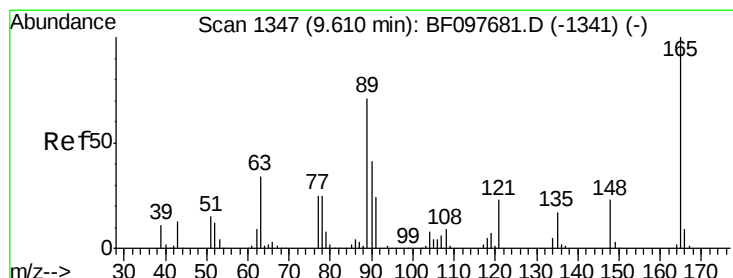
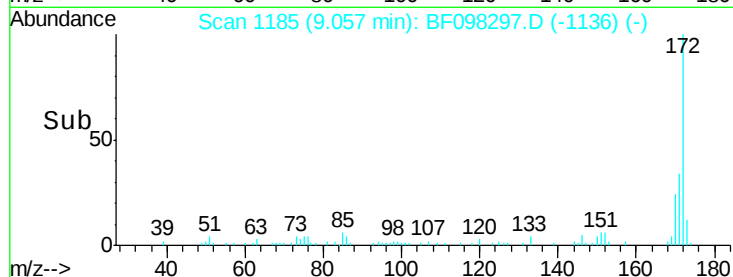
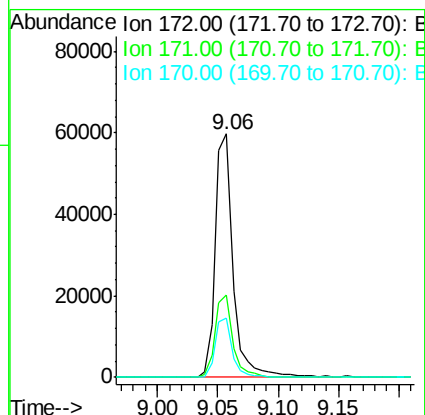
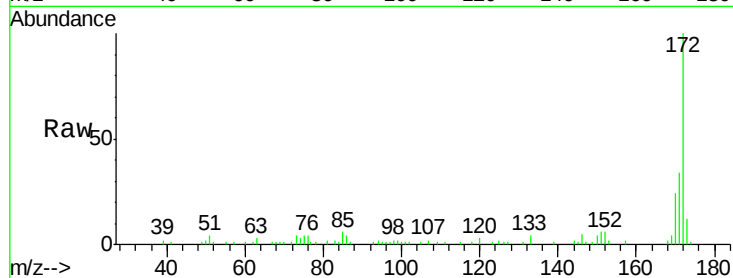




#44
 2-Fluorobiphenyl
 Concen: 5.74 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF098297.D
 Acq: 7 Sep 2017 2:44

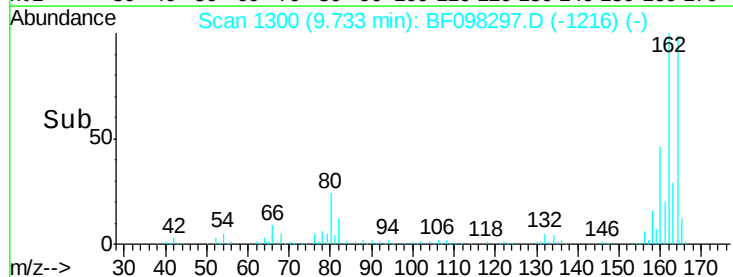
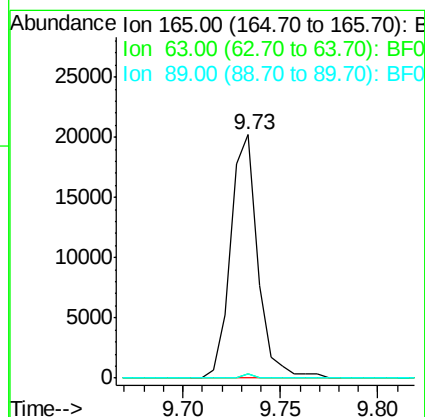
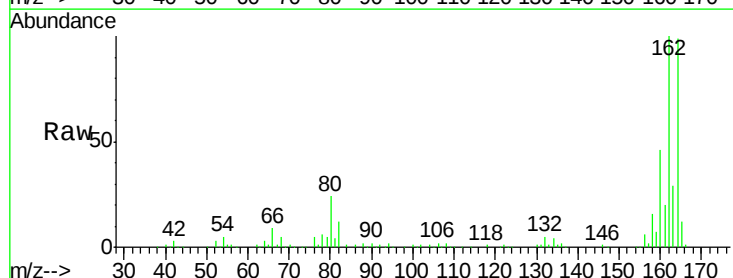
Instrument :
 BNA_F
 ClientSampleId :
 G-46A-0-3-COMP

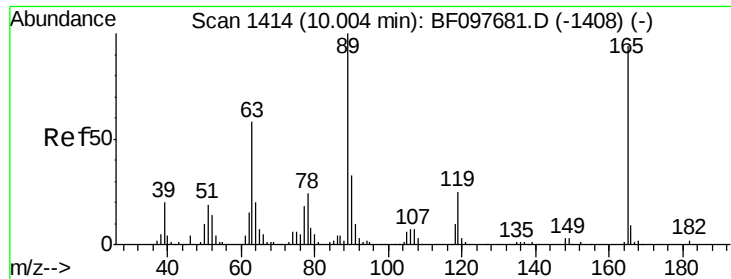
Tot Ion:172 Resp: 60513
 Ion Ratio Lower Upper
 172 100
 171 33.9 29.6 44.4
 170 24.4 19.8 29.8



#50
 2,6-Dinitrotoluene
 Concen: 8.65 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.19 min
 Lab File: BF098297.D
 Acq: 7 Sep 2017 2:44

Tgt Ion:165 Resp: 19546
 Ion Ratio Lower Upper
 165 100
 63 1.6 34.3 51.5#
 89 1.9 37.1 55.7#

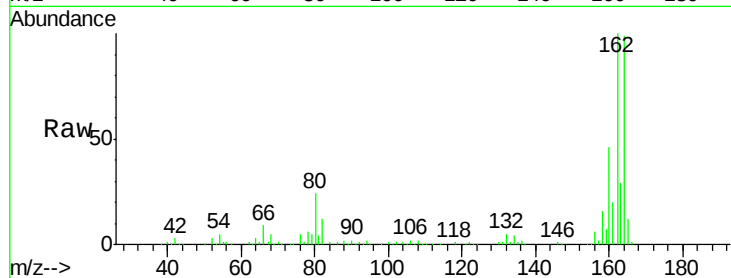




#56
 2,4-Dinitrotoluene
 Concen: 6.89 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF098297.D
 Acq: 7 Sep 2017 2:44

Instrument :
 BNA_F
 ClientSampleId :
 G-46A-0-3-COMP

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	25.4	38.0#
89	1.9	46.4	69.6#
182	0.0	1.8	2.6#



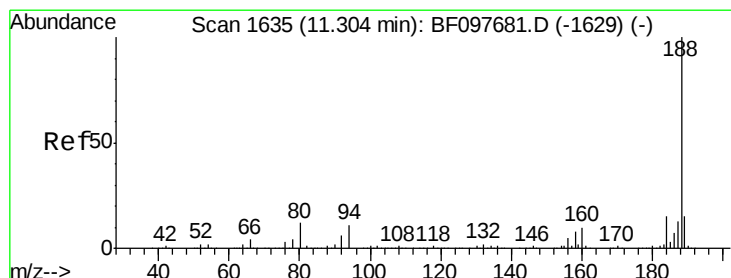
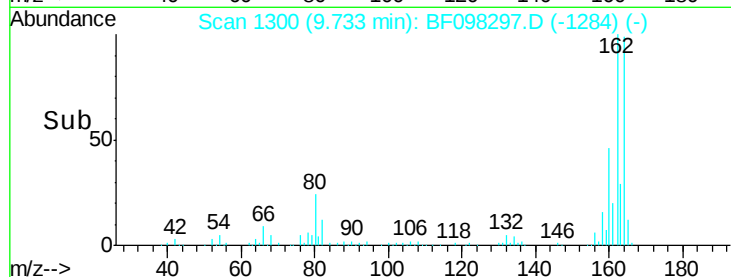
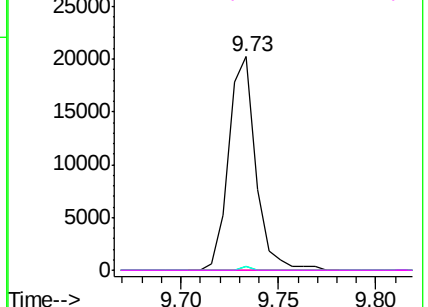
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

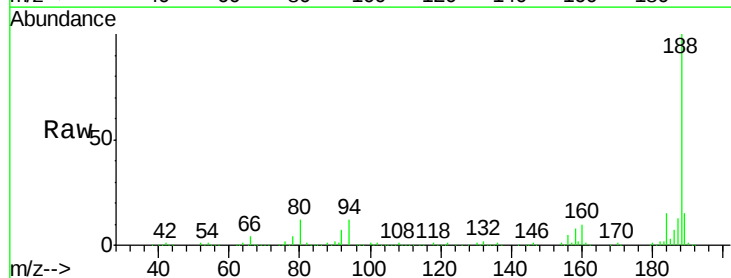
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BF098297.D
 Acq: 7 Sep 2017 2:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.4	14.2
80	12.2	10.2	15.2

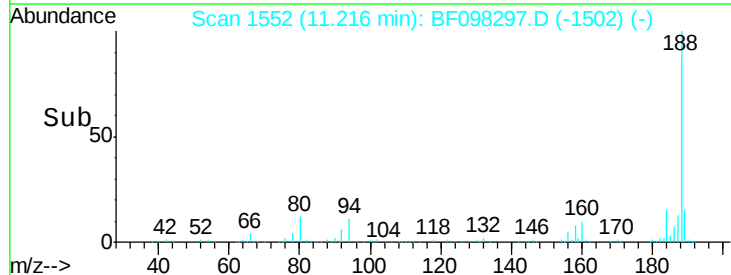
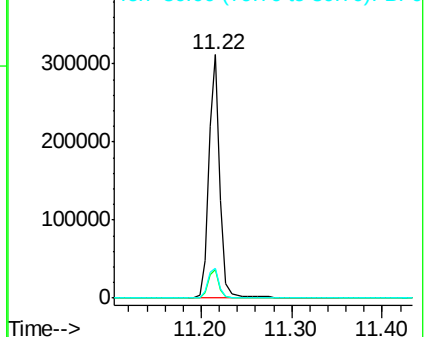


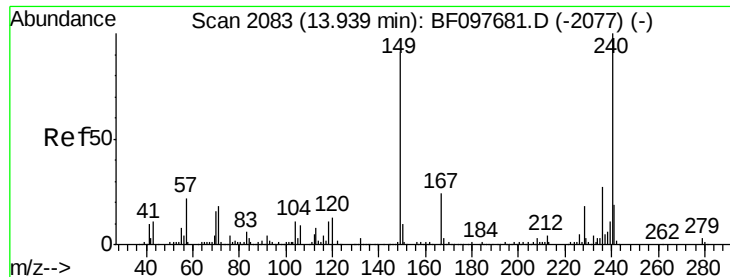
Abundance

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: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF098297.D

Acq: 7 Sep 2017 2:44

Instrument :

BNA_F

ClientSampleId :

G-46A-0-3-COMP

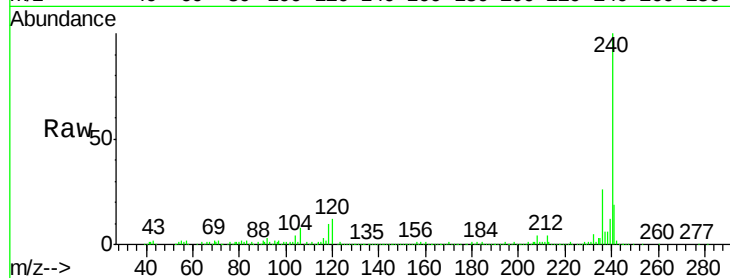
Tot Ion:240 Resp: 249644

Ion Ratio Lower Upper

240 100

120 12.0 5.8 8.8#

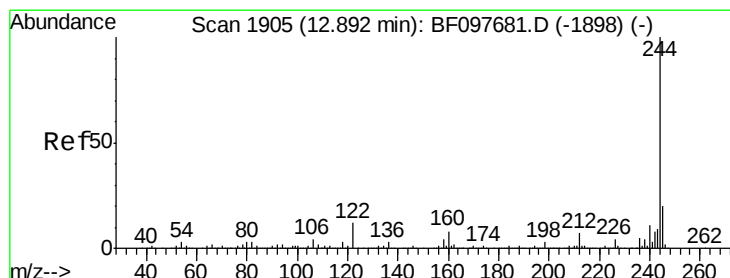
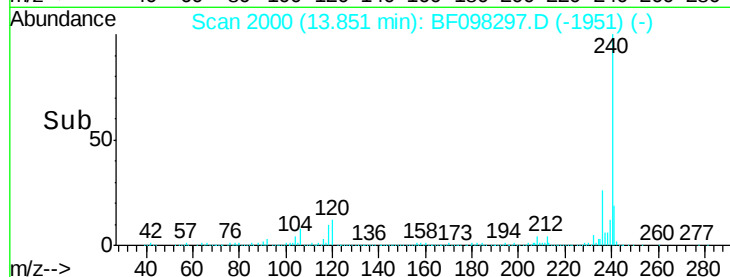
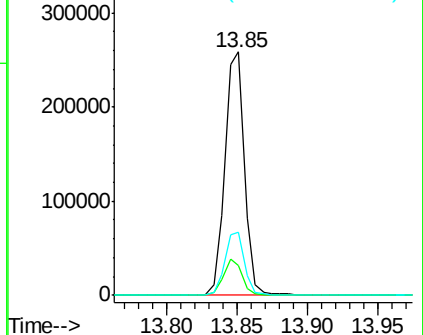
236 26.0 20.5 30.7



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: 3.79 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.02 min

Lab File: BF098297.D

Acq: 7 Sep 2017 2:44

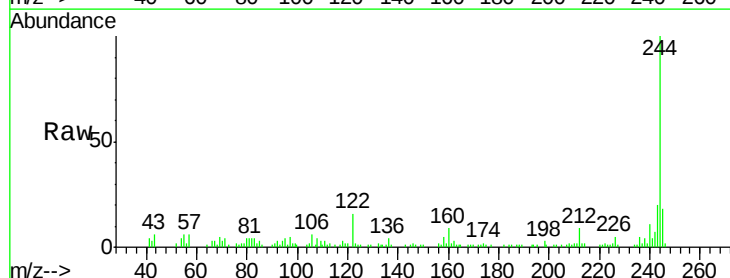
Tgt Ion:244 Resp: 45336

Ion Ratio Lower Upper

244 100

212 8.5 6.0 9.0

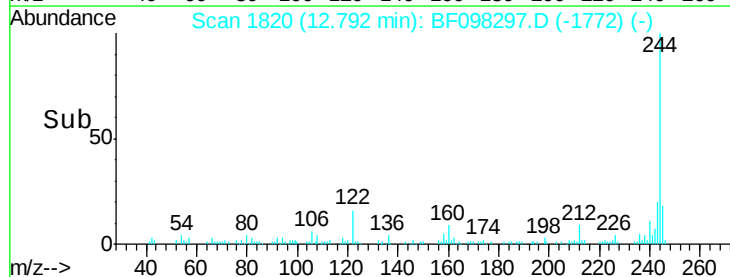
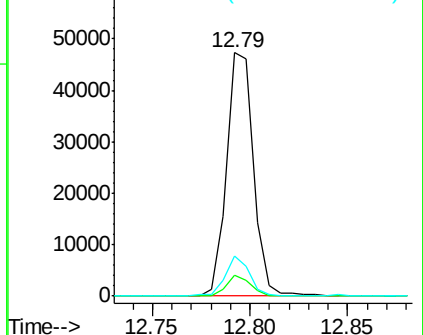
122 16.2 10.3 15.5#

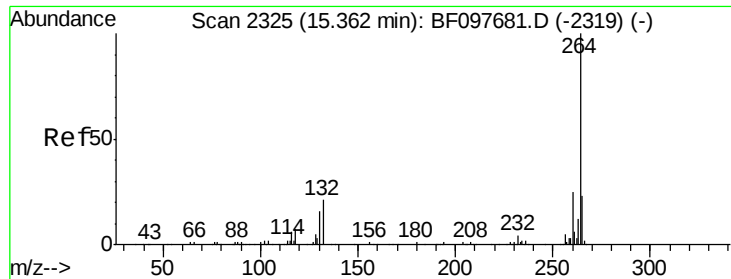


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

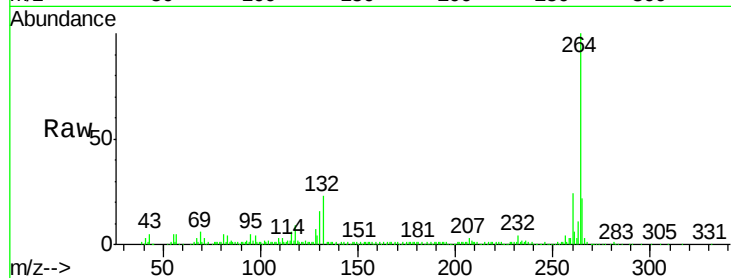




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF098297.D
Acq: 7 Sep 2017 2:44

Instrument :
BNA_F
ClientSampleId :
G-46A-0-3-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.9	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

