

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090617\
 Data File : BF098295.D
 Acq On : 7 Sep 2017 1:47
 Operator : SJ/JU
 Sample : I5052-11 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G27A-0-1.5

Quant Time: Sep 07 03:42:36 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

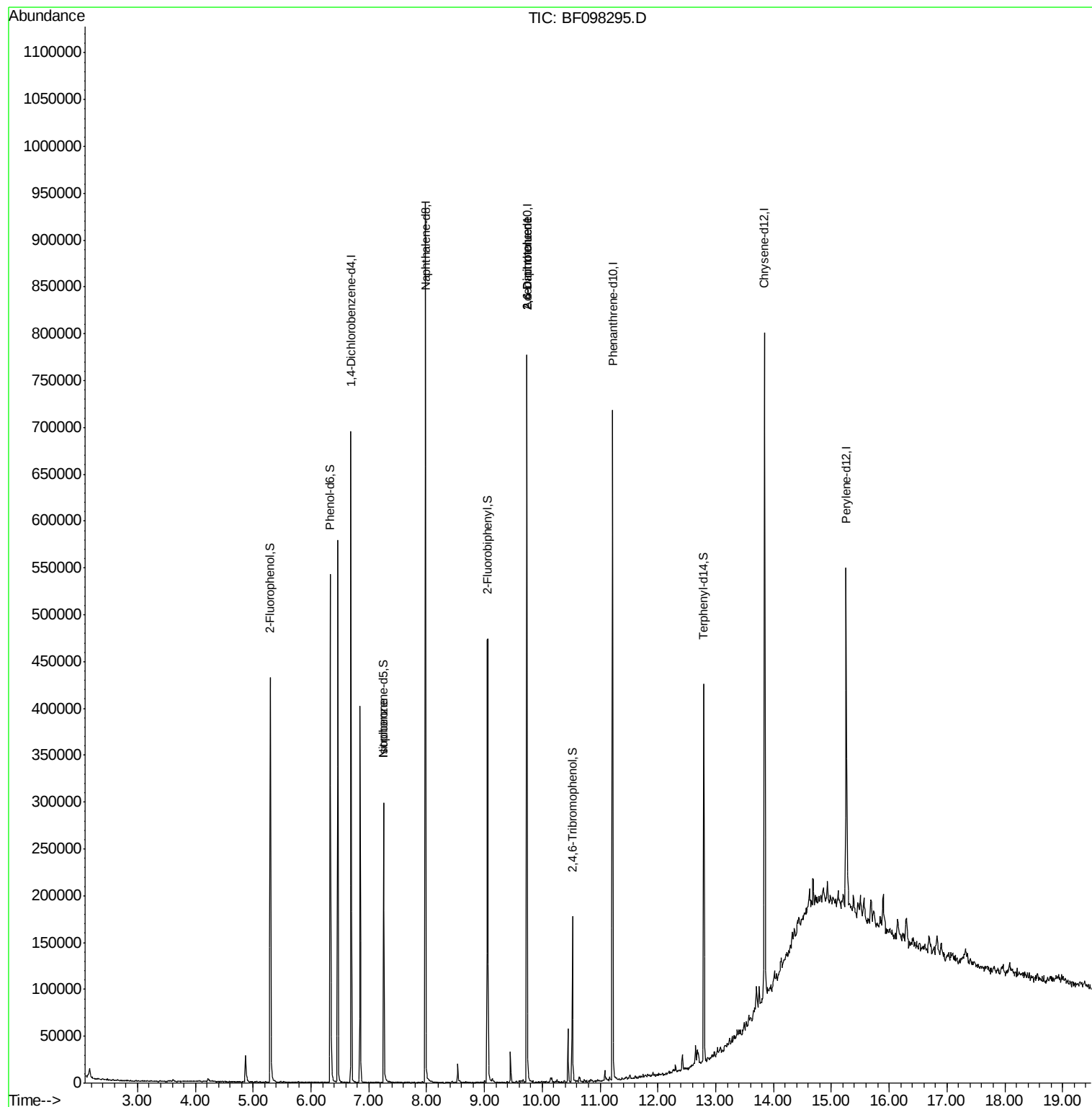
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	104983	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	390042	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	148972	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	250566	20.00	ng	0.00
75) Chrysene-d12	13.84	240	234547	20.00	ng	-0.02
86) Perylene-d12	15.26	264	160843	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	137086	19.86	ng	0.00
7) Phenol-d6	6.33	99	179389	19.13	ng	-0.02
23) Nitrobenzene-d5	7.26	82	98628	13.74	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	20129	15.57	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	160456	15.82	ng	-0.01
78) Terphenyl-d14	12.79	244	118525	10.54	ng	-0.02
Target Compounds						
25) Isophorone	7.26	82	98628	6.61	ng	# 67
50) 2,6-Dinitrotoluene	9.73	165	18160	8.35	ng	# 34
56) 2,4-Dinitrotoluene	9.73	165	18160	6.66	ng	# 33

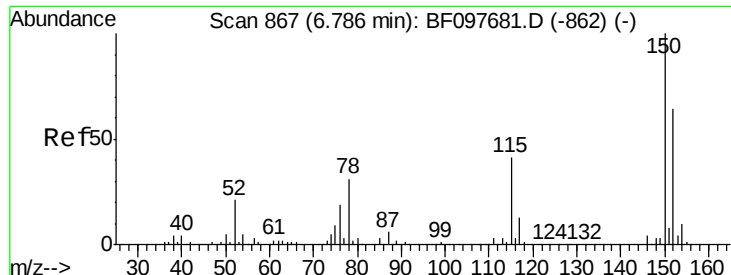
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF098295.D

Acq: 7 Sep 2017 1:47

Instrument :

BNA_F

ClientSampleId :

G27A-0-1.5

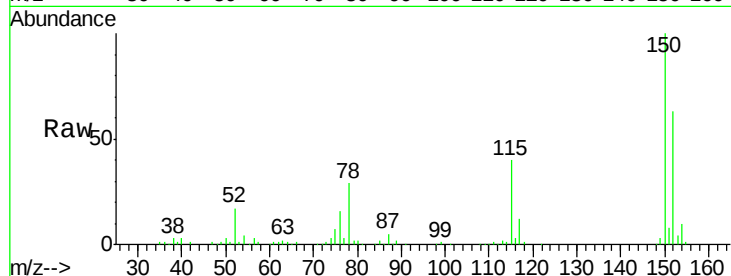
Tot Ion:152 Resp: 104983

Ion Ratio Lower Upper

152 100

150 159.1 126.2 189.2

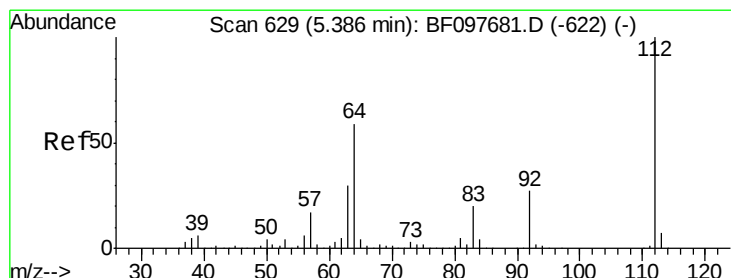
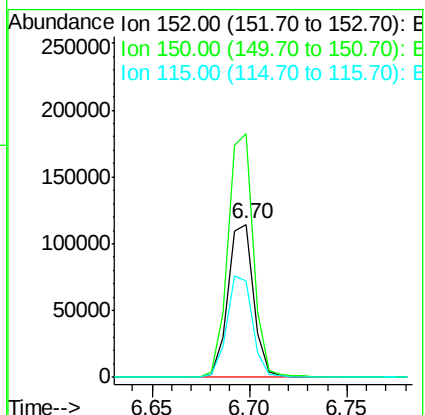
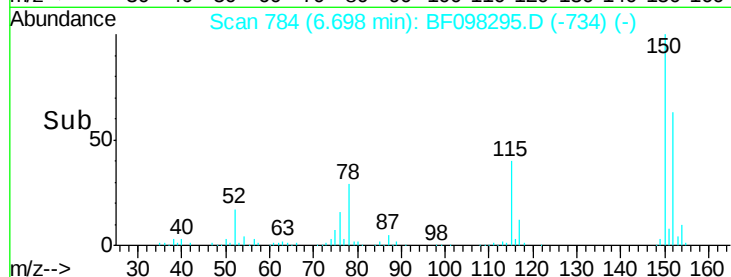
115 63.1 52.2 78.2



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: 19.86 ng

RT: 5.30 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF098295.D

Acq: 7 Sep 2017 1:47

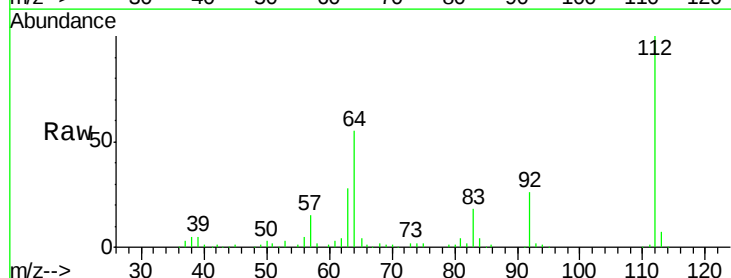
Tgt Ion:112 Resp: 137086

Ion Ratio Lower Upper

112 100

64 54.8 46.0 69.0

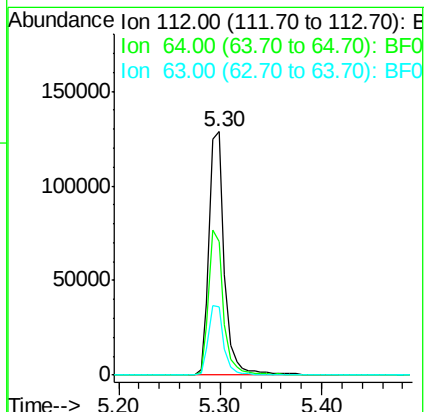
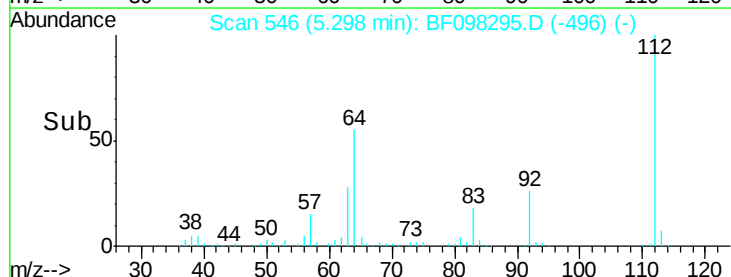
63 27.9 23.4 35.0

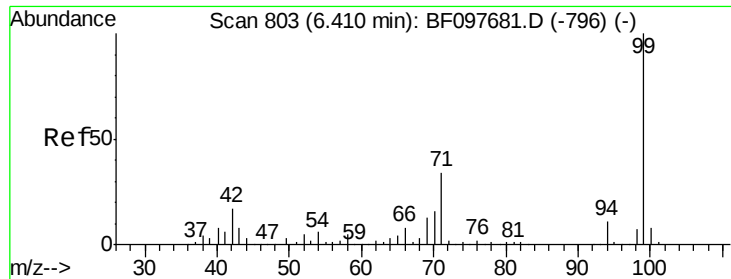


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 19.13 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF098295.D

Acq: 7 Sep 2017 1:47

Instrument :

BNA_F

ClientSampled :

G27A-0-1.5

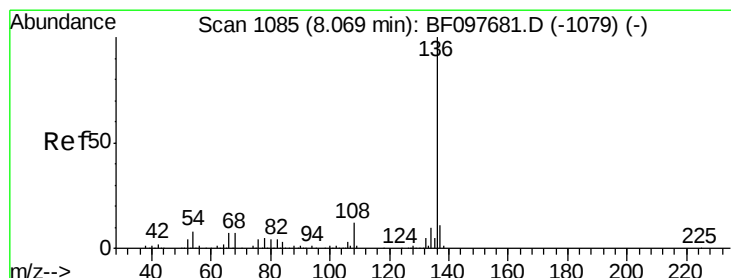
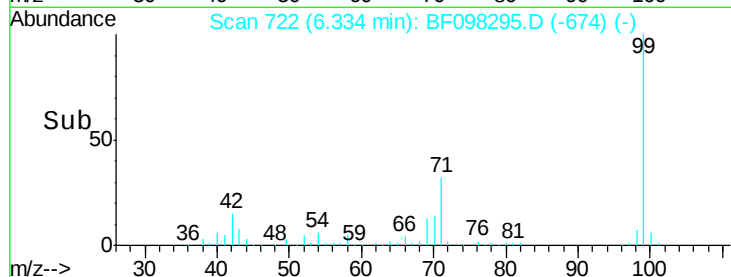
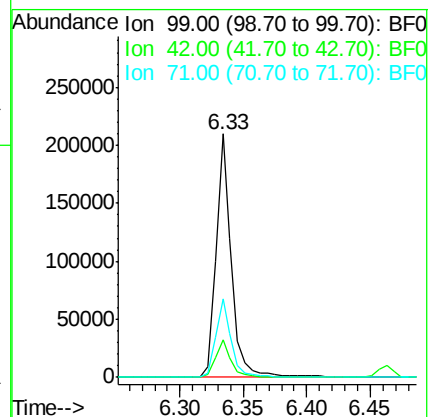
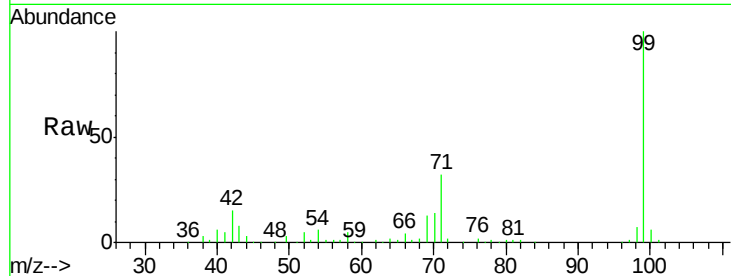
Tot Ion: 99 Resp: 179389

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

71 32.2 24.5 36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF098295.D

Acq: 7 Sep 2017 1:47

Tgt Ion: 136 Resp: 390042

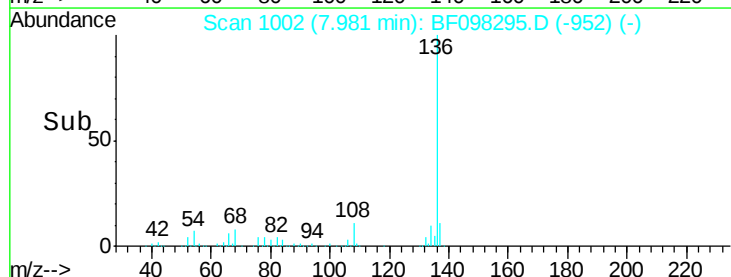
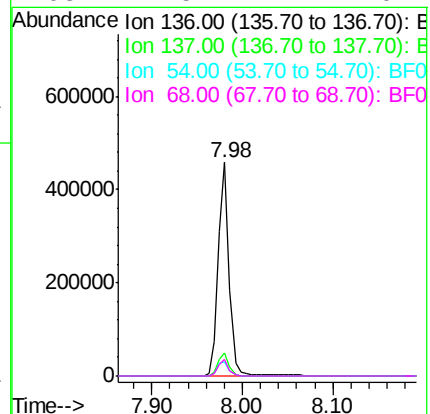
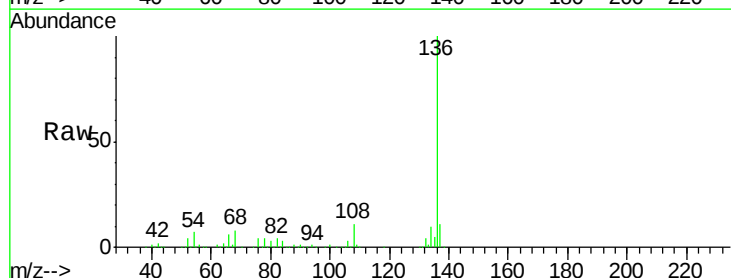
Ion Ratio Lower Upper

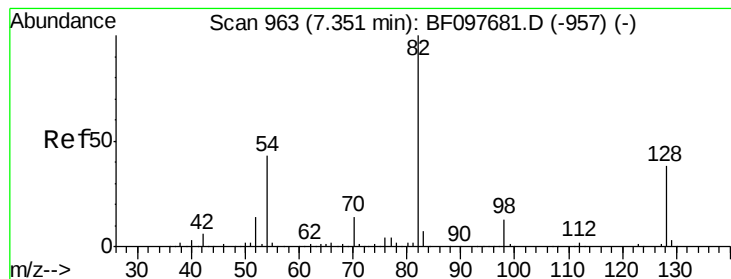
136 100

137 10.9 8.5 12.7

54 6.8 4.9 7.3

68 7.5 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 13.74 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.02 min

Lab File: BF098295.D

Acq: 7 Sep 2017 1:47

Instrument :

BNA_F

ClientSampleId :

G27A-0-1.5

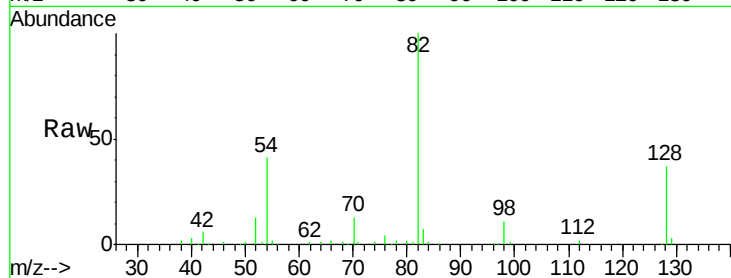
Tot Ion: 82 Resp: 98628

Ion Ratio Lower Upper

82 100

128 36.8 34.0 51.0

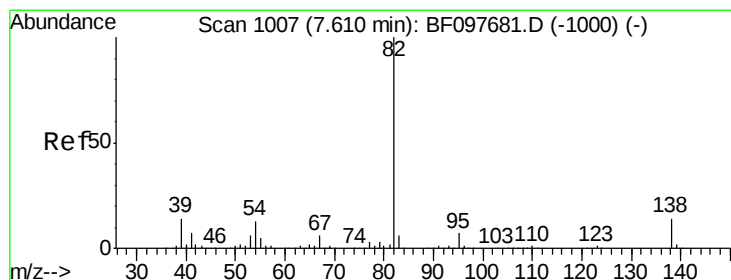
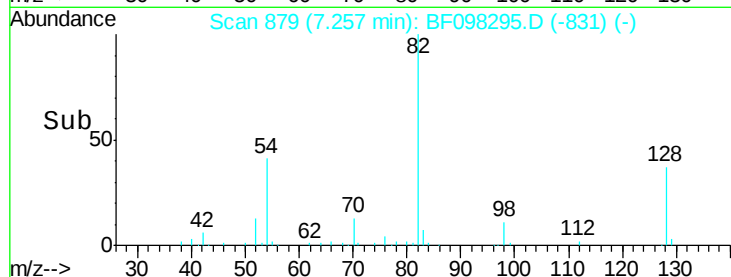
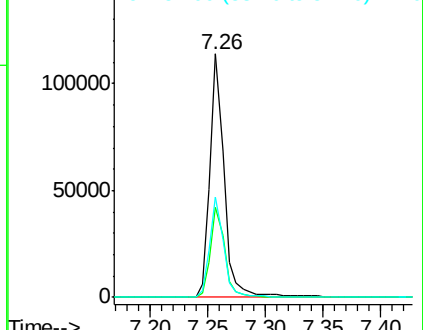
54 41.0 42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 6.61 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.28 min

Lab File: BF098295.D

Acq: 7 Sep 2017 1:47

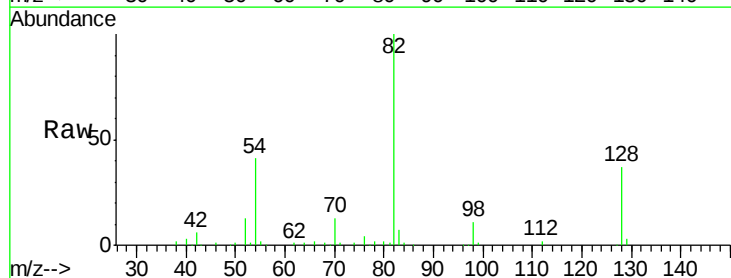
Tgt Ion: 82 Resp: 98628

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

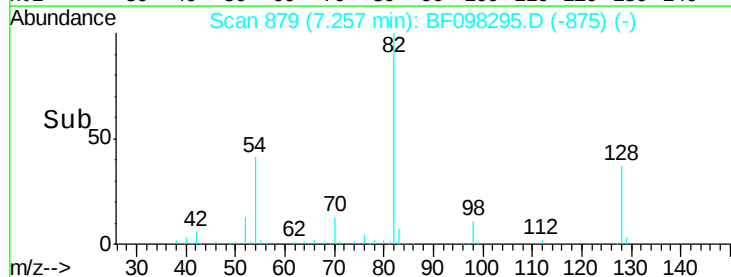
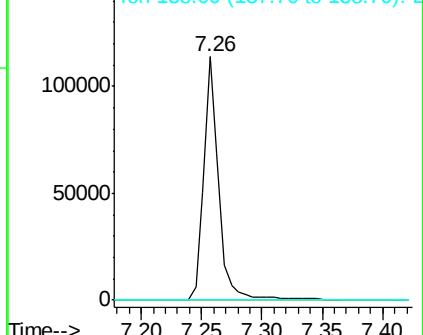
138 0.0 13.1 19.7#

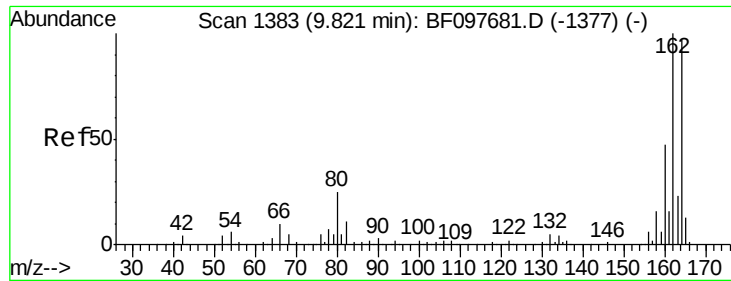


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

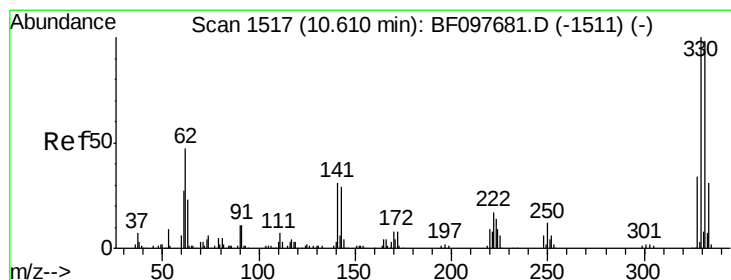
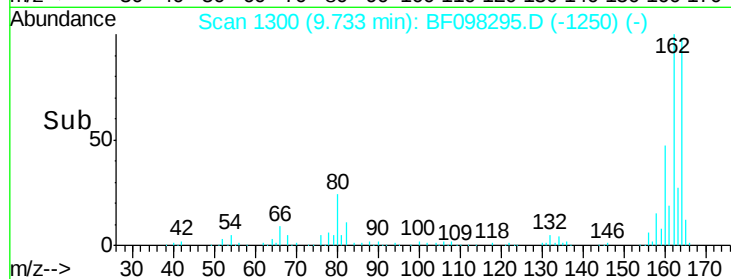
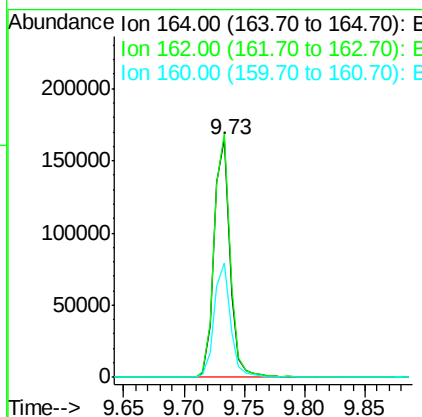
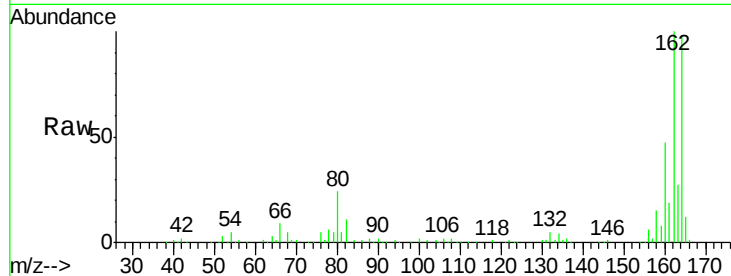




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF098295.D
 Acq: 7 Sep 2017 1:47

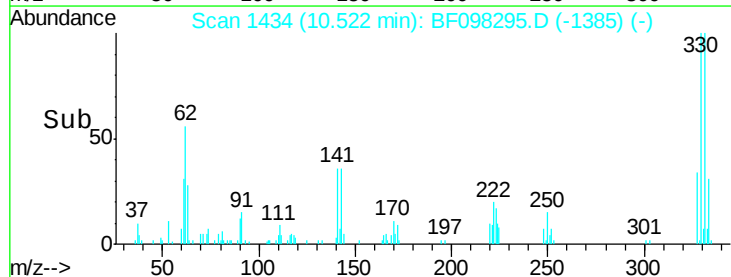
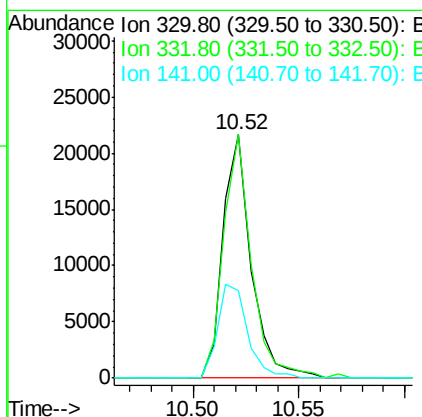
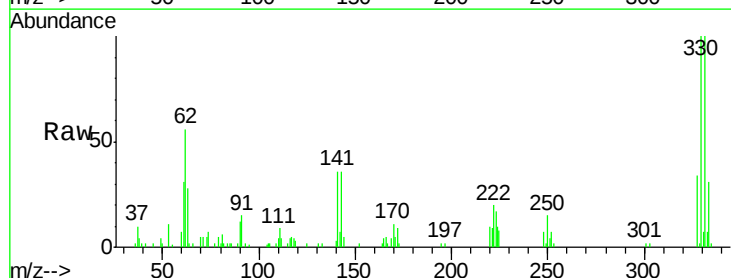
Instrument :
 BNA_F
 ClientSampleId :
 G27A-0-1.5

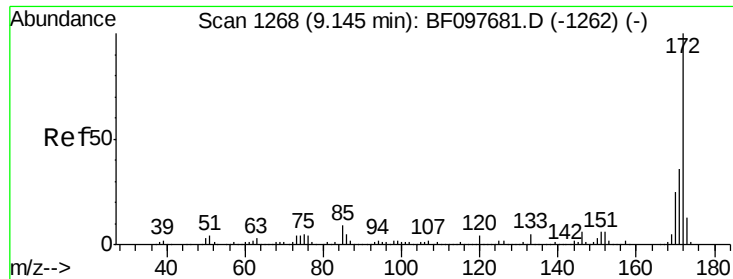
Tot Ion:164 Resp: 148972
 Ion Ratio Lower Upper
 164 100
 162 102.3 82.6 123.8
 160 48.0 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 15.57 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF098295.D
 Acq: 7 Sep 2017 1:47

Tgt Ion:330 Resp: 20129
 Ion Ratio Lower Upper
 330 100
 332 99.1 76.6 115.0
 141 41.0 31.4 47.2

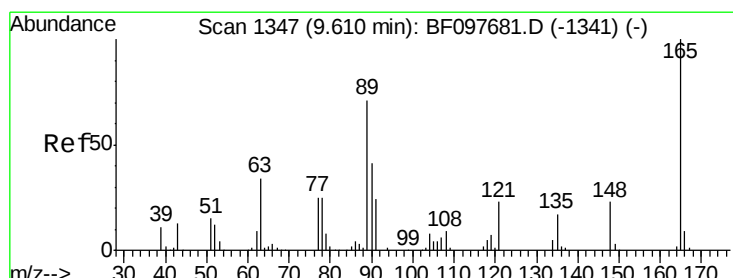
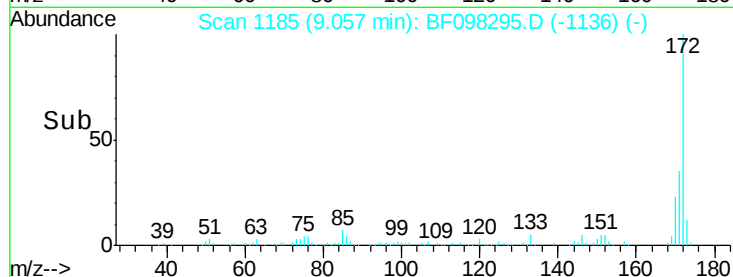
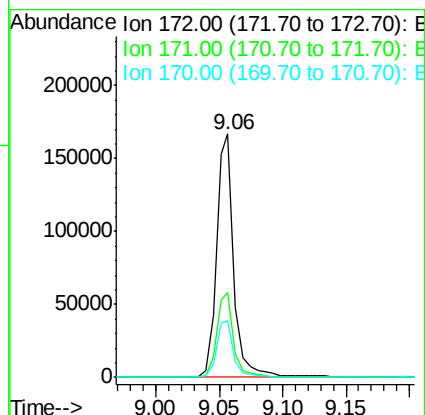
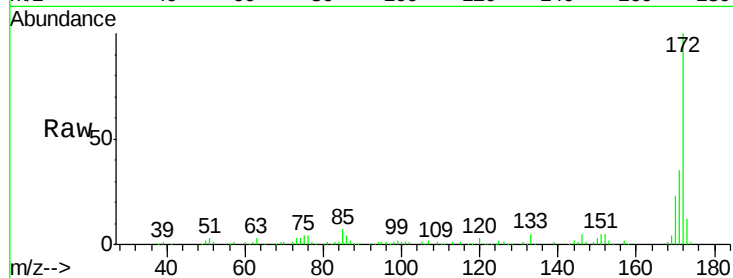




#44
 2-Fluorobiphenyl
 Concen: 15.82 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF098295.D
 Acq: 7 Sep 2017 1:47

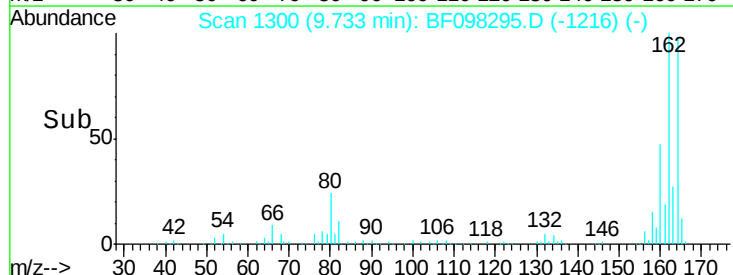
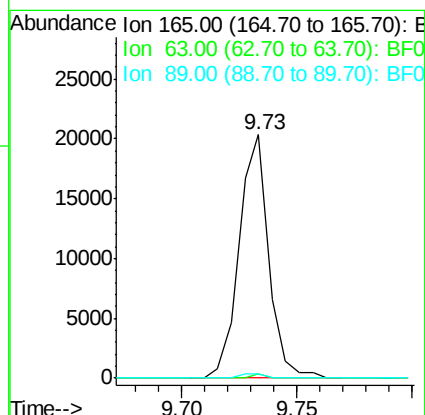
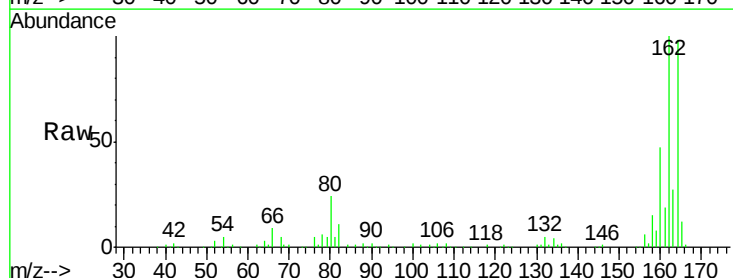
Instrument :
 BNA_F
 ClientSampleId :
 G27A-0-1.5

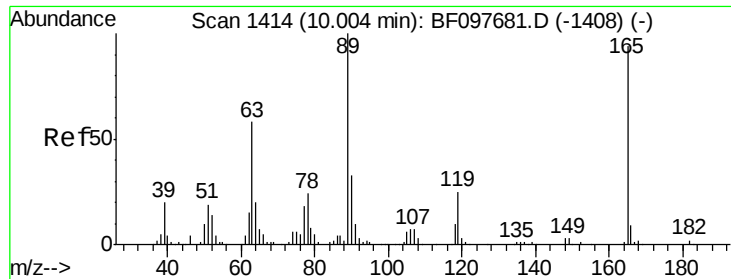
Tot Ion:172 Resp: 160456
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.6 44.4
 170 23.4 19.8 29.8



#50
 2,6-Dinitrotoluene
 Concen: 8.35 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.19 min
 Lab File: BF098295.D
 Acq: 7 Sep 2017 1:47

Tgt Ion:165 Resp: 18160
 Ion Ratio Lower Upper
 165 100
 63 1.6 34.3 51.5#
 89 1.6 37.1 55.7#

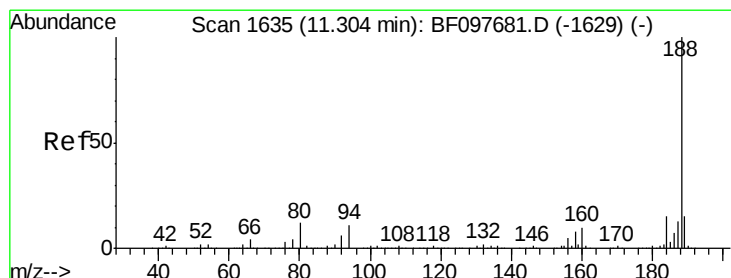
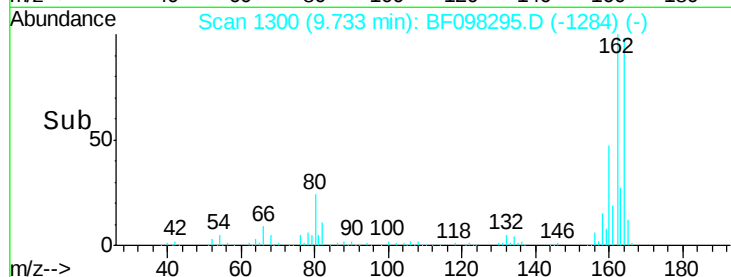
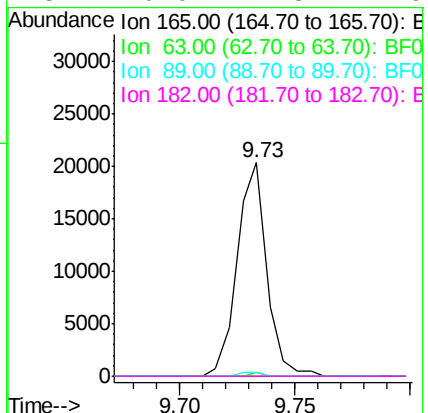
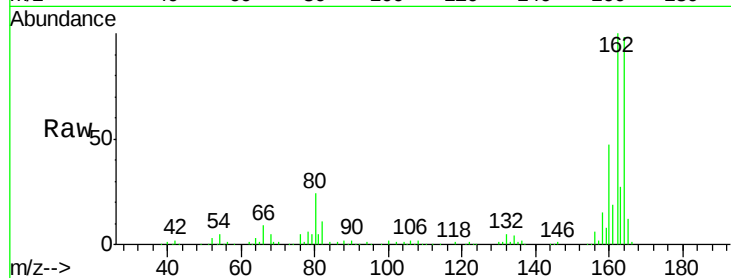




#56
 2,4-Dinitrotoluene
 Concen: 6.66 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF098295.D
 Acq: 7 Sep 2017 1:47

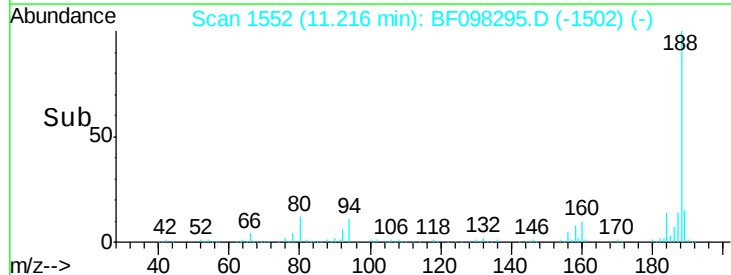
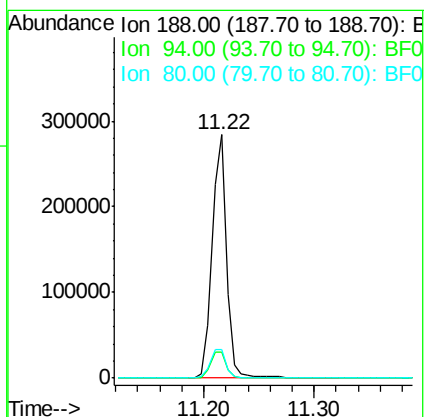
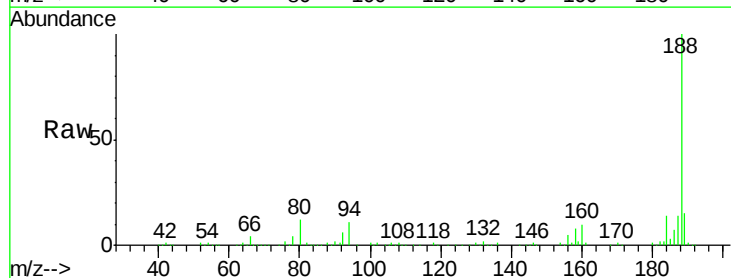
Instrument :
 BNA_F
 ClientSampleId :
 G27A-0-1.5

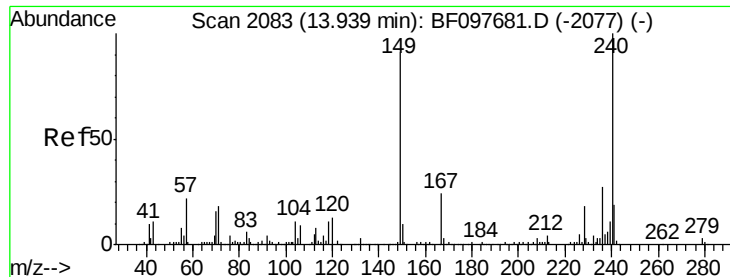
Tot Ion:	165	Resp:	18160
Ion	Ratio	Lower	Upper
165	100		
63	1.6	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BF098295.D
 Acq: 7 Sep 2017 1:47

Tgt Ion:	188	Resp:	250566
Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	11.8	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF098295.D

Acq: 7 Sep 2017 1:47

Instrument :

BNA_F

ClientSampleId :

G27A-0-1.5

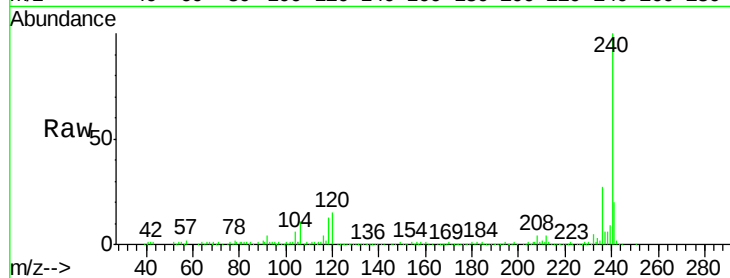
Tot Ion:240 Resp: 234547

Ion Ratio Lower Upper

240 100

120 15.1 5.8 8.8#

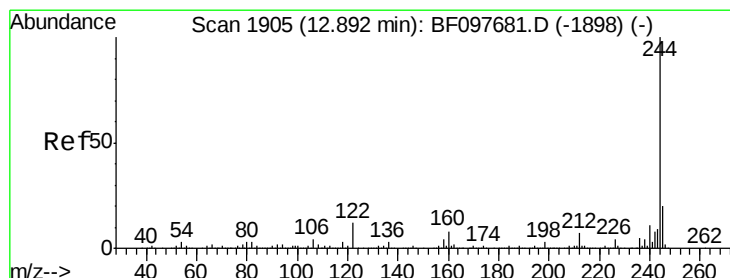
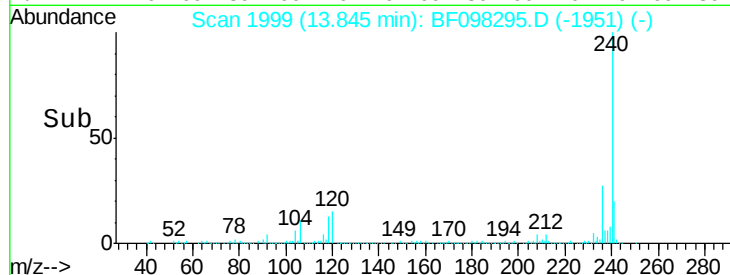
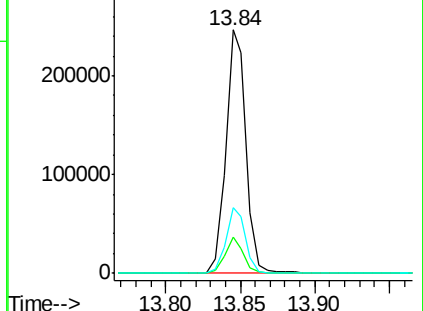
236 26.8 20.5 30.7



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: 10.54 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.02 min

Lab File: BF098295.D

Acq: 7 Sep 2017 1:47

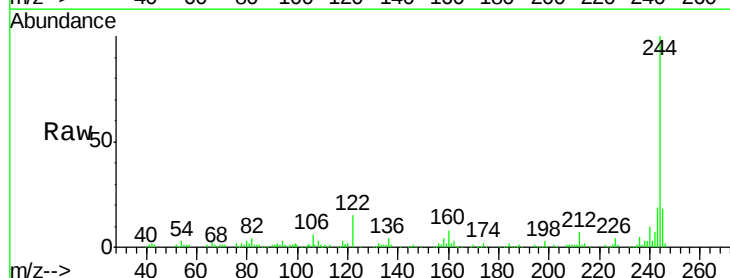
Tgt Ion:244 Resp: 118525

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

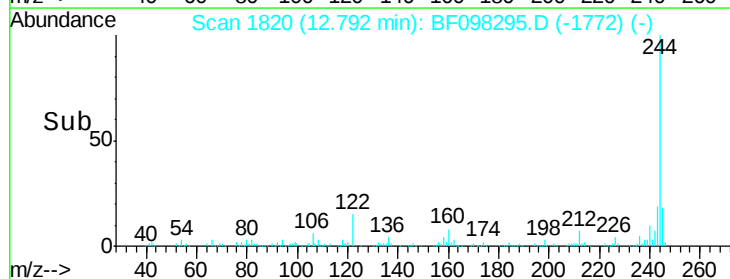
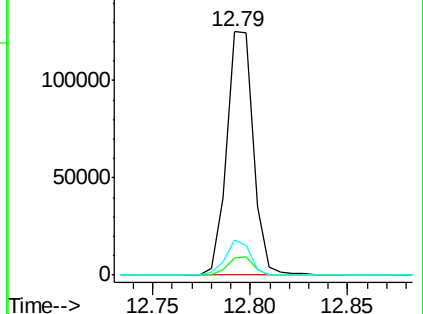
122 14.6 10.3 15.5

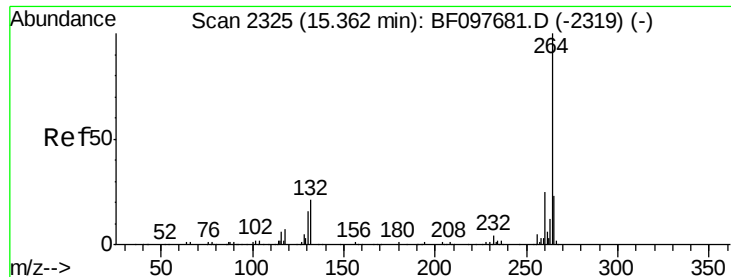


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

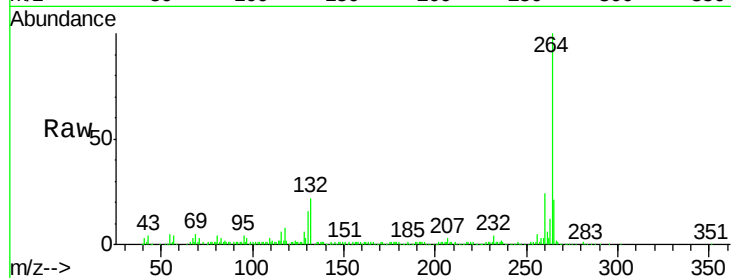




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF098295.D
Acq: 7 Sep 2017 1:47

Instrument :
BNA_F
ClientSampleId :
G27A-0-1.5

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	20.8	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

