

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090717\
 Data File : BF098333.D
 Acq On : 8 Sep 2017 00:22
 Operator : SJ/JU
 Sample : I5071-13 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G55A-0-2.5

Quant Time: Sep 08 01:57:26 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

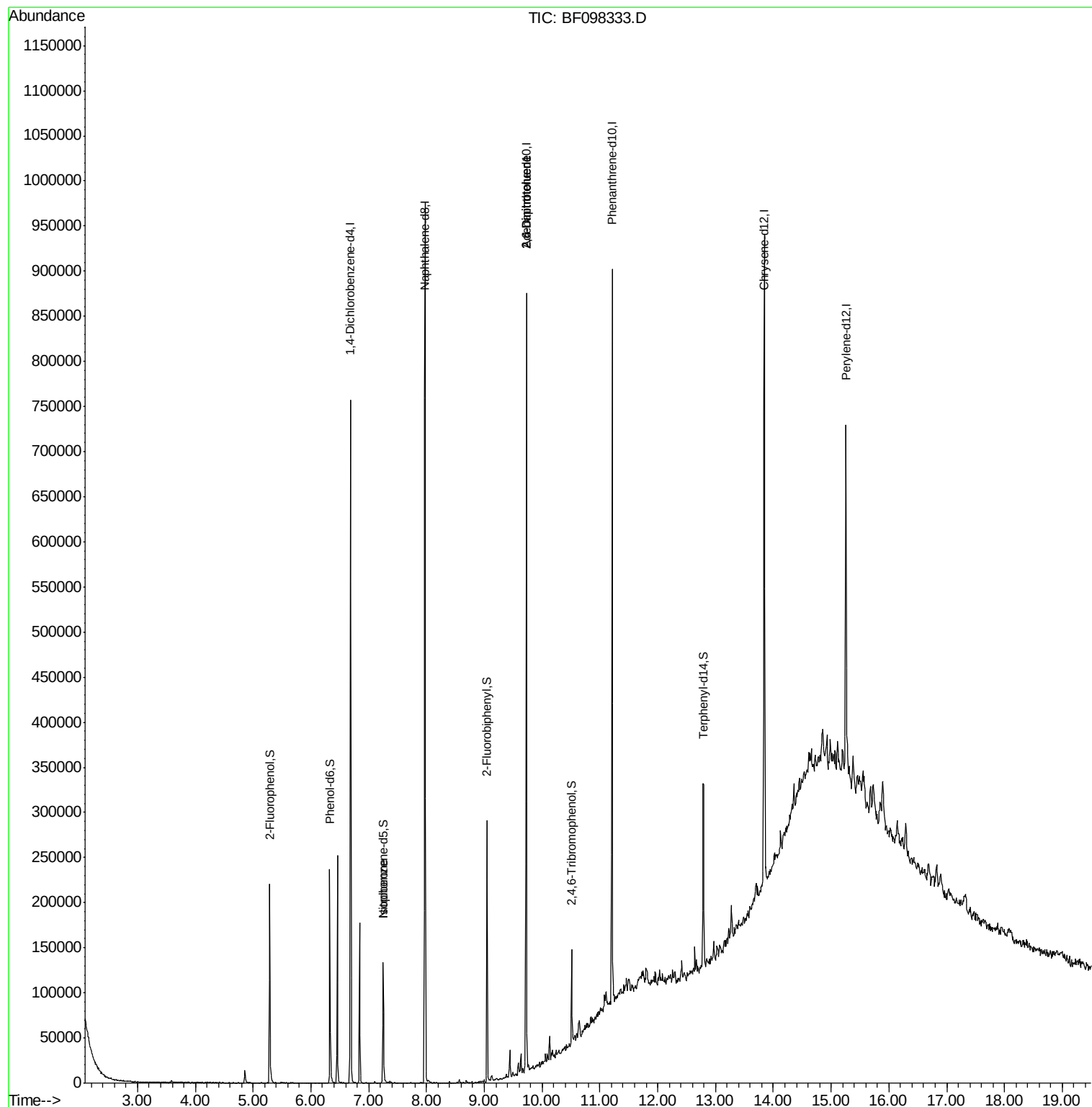
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	104788	20.00	ng	-0.02
21) Naphthalene-d8	7.97	136	400832	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	160611	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	271723	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	232227	20.00	ng	-0.02
86) Perylene-d12	15.26	264	163164	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	62672	9.10	ng	-0.02
7) Phenol-d6	6.33	99	83827	8.96	ng	-0.02
23) Nitrobenzene-d5	7.25	82	45709	6.19	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	10460	7.51	ng	-0.02
44) 2-Fluorobiphenyl	9.04	172	82185	7.52	ng	-0.02
78) Terphenyl-d14	12.79	244	59181	5.31	ng	-0.02
Target Compounds						
25) Isophorone	7.25	82	45709	2.979	ng	# 67
50) 2,6-Dinitrotoluene	9.73	165	20604	8.792	ng	# 35
56) 2,4-Dinitrotoluene	9.73	165	20604	7.006	ng	# 34

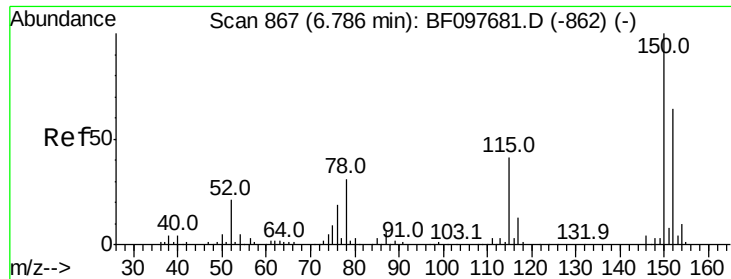
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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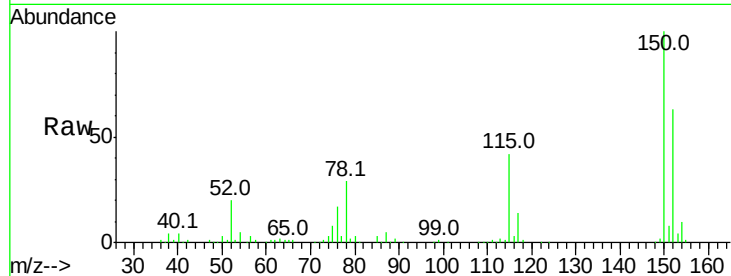


#1

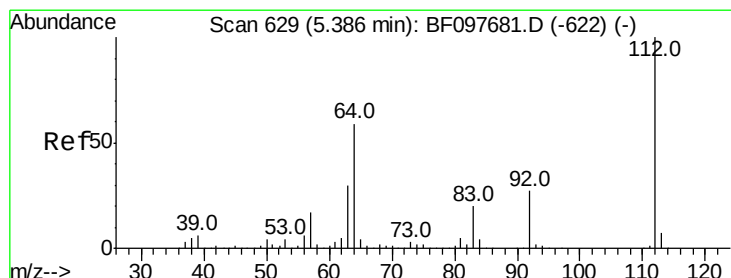
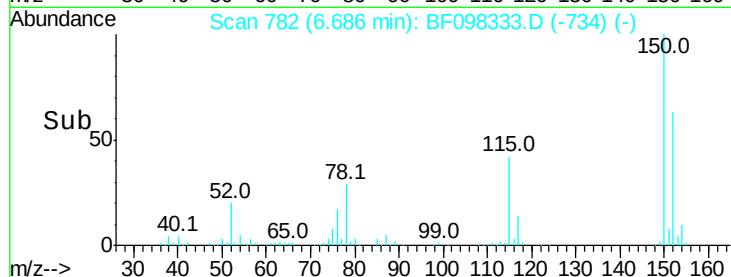
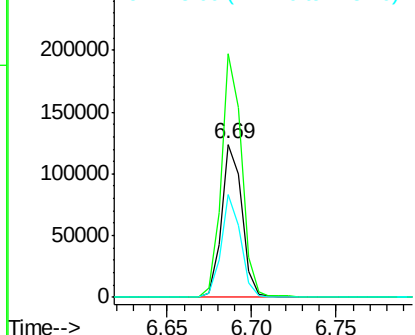
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 782
 Delta R.T. -0.02 min
 Lab File: BF098333.D
 Acq: 8 Sep 2017 00:22

Instrument :
 BNA_F
 ClientSampled :
 G55A-0-2.5

Tot Ion:152 Resp: 104788
 Ion Ratio Lower Upper
 152 100
 150 159.2 126.2 189.2
 115 67.0 52.2 78.2



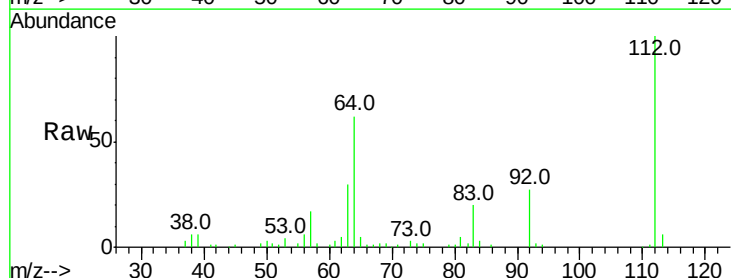
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



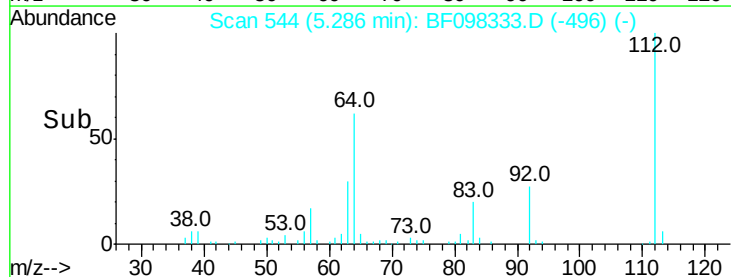
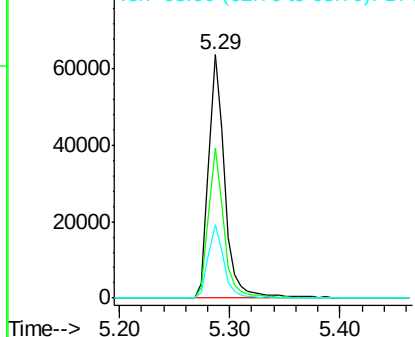
#5

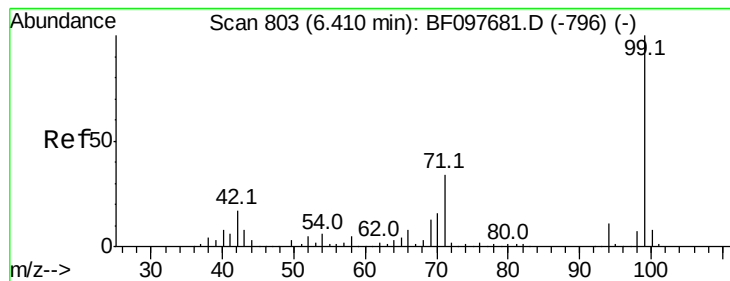
2-Fluorophenol
 Concen: 9.097 ng
 RT: 5.29 min Scan# 544
 Delta R.T. -0.02 min
 Lab File: BF098333.D
 Acq: 8 Sep 2017 00:22

Tgt Ion:112 Resp: 62672
 Ion Ratio Lower Upper
 112 100
 64 61.9 46.0 69.0
 63 30.0 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: 8.956 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF098333.D

Acq: 8 Sep 2017 00:22

Instrument :

BNA_F

ClientSampleId :

G55A-0-2.5

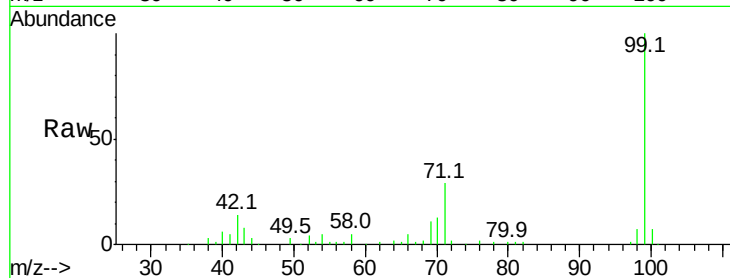
Tot Ion: 99 Resp: 83827

Ion Ratio Lower Upper

99 100

42 14.4 13.5 20.3

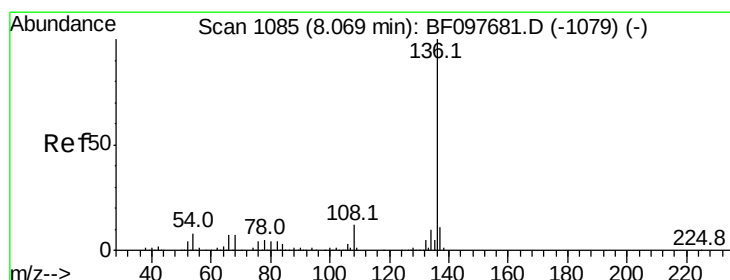
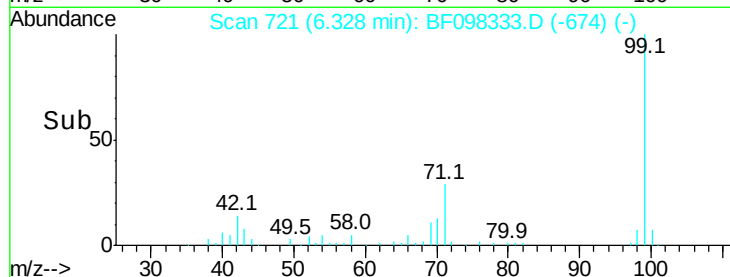
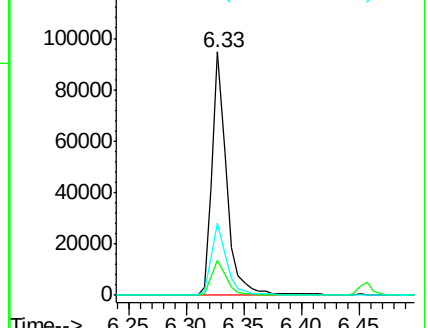
71 29.4 24.5 36.7



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: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF098333.D

Acq: 8 Sep 2017 00:22

Tgt Ion: 136 Resp: 400832

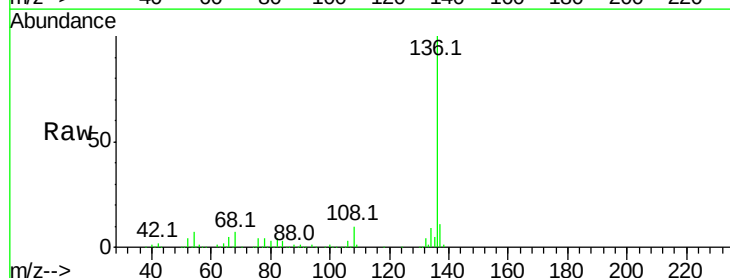
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.2 4.9 7.3

68 7.2 4.1 6.1#

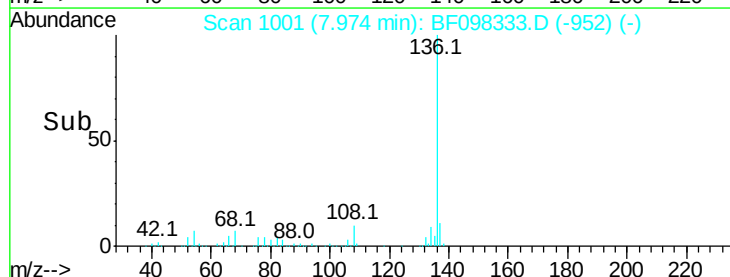
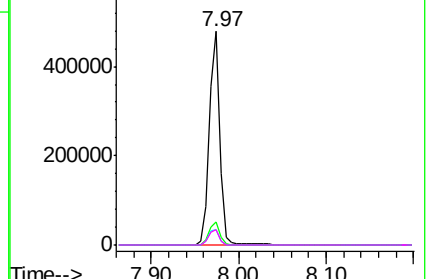


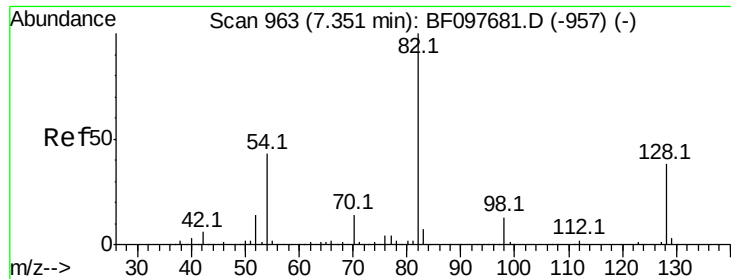
Abundance Ion 136.00 (135.70 to 136.70): E

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

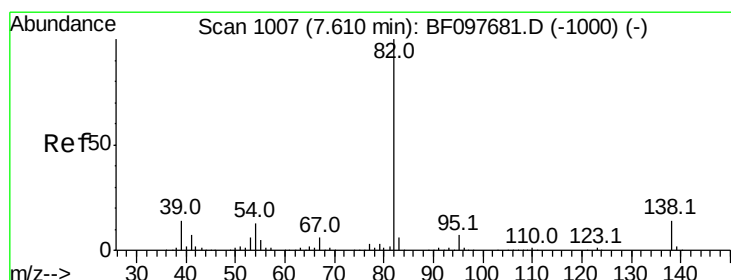
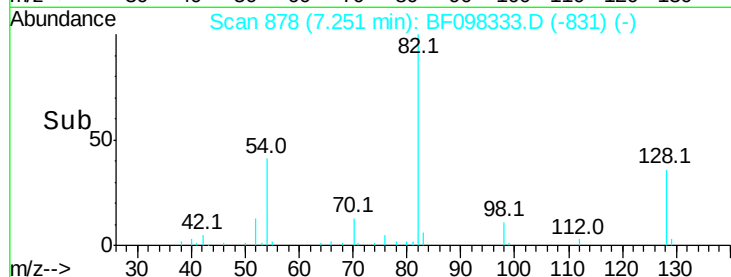
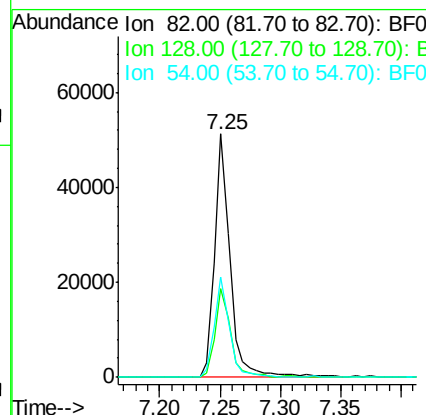
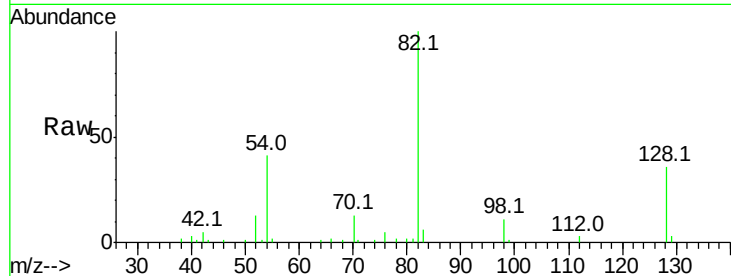




#23
 Nitrobenzene-d5
 Concen: 6.195 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BF098333.D
 Acq: 8 Sep 2017 00:22

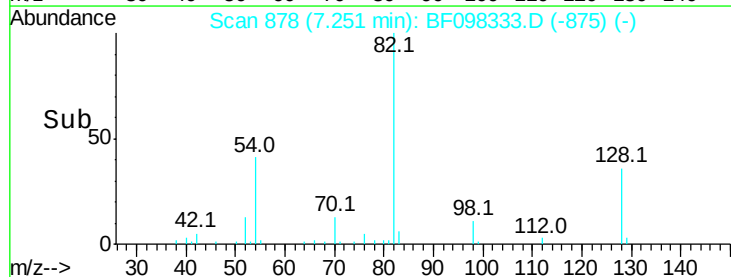
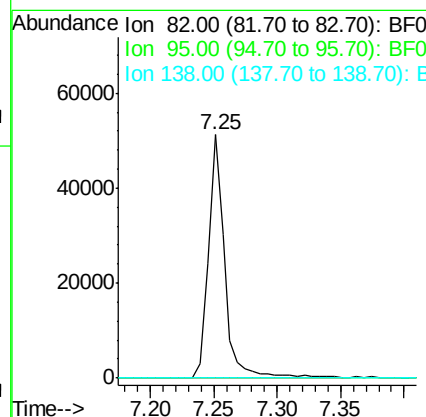
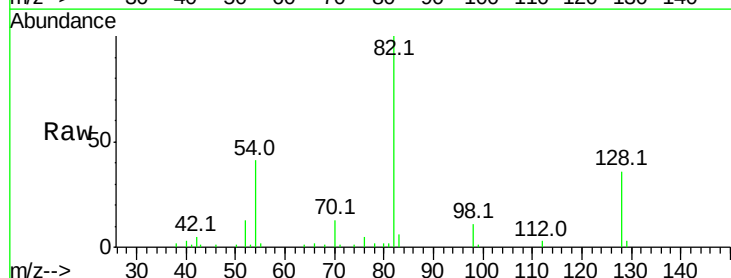
Instrument :
 BNA_F
 ClientSampleId :
 G55A-0-2.5

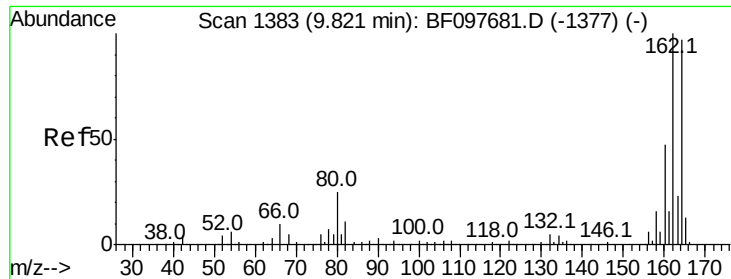
Tot Ion	82	Resp	45709
Ion Ratio	Lower	Upper	
82	100		
128	36.4	34.0	51.0
54	41.1	42.2	63.2#



#25
 Isophorone
 Concen: 2.979 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.28 min
 Lab File: BF098333.D
 Acq: 8 Sep 2017 00:22

Tgt Ion	82	Resp	45709
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

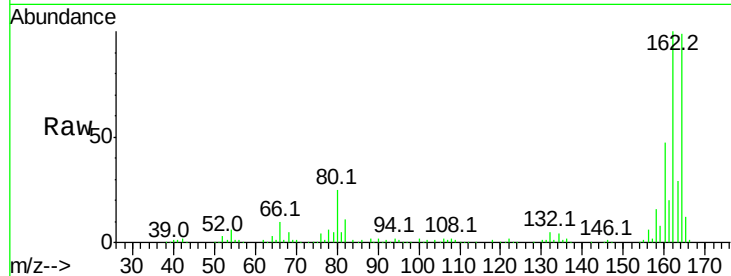




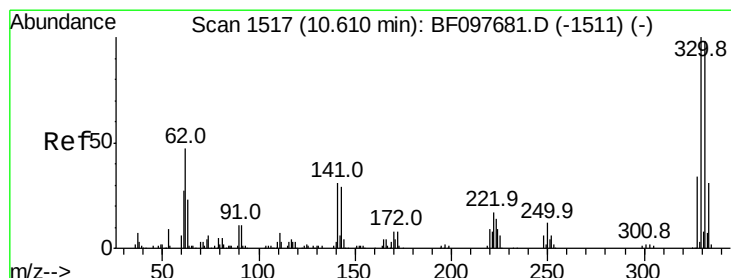
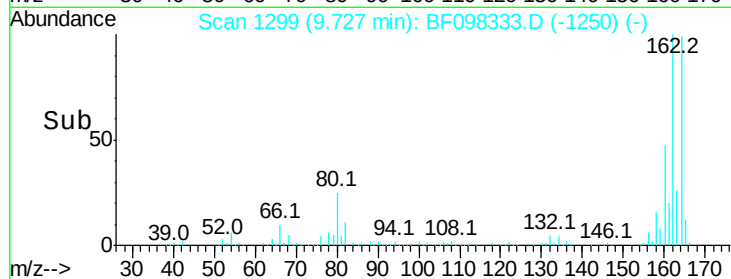
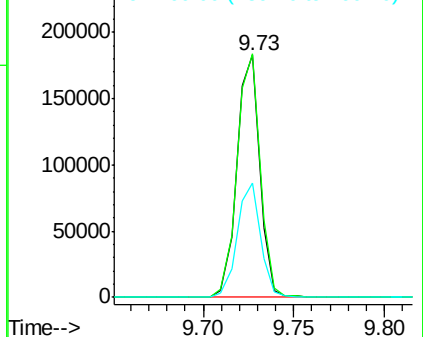
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF098333.D
 Acq: 8 Sep 2017 00:22

Instrument :
 BNA_F
 ClientSampleId :
 G55A-0-2.5

Tot Ion:164 Resp: 160611
 Ion Ratio Lower Upper
 164 100
 162 100.7 82.6 123.8
 160 47.1 36.2 54.2

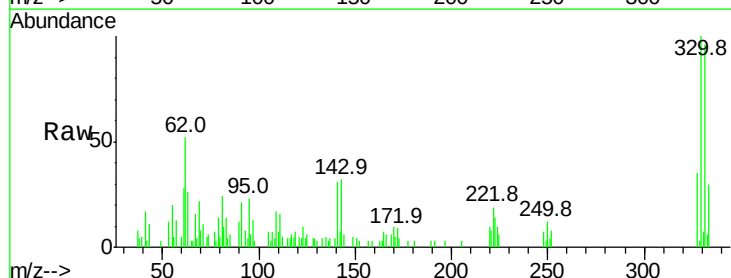


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

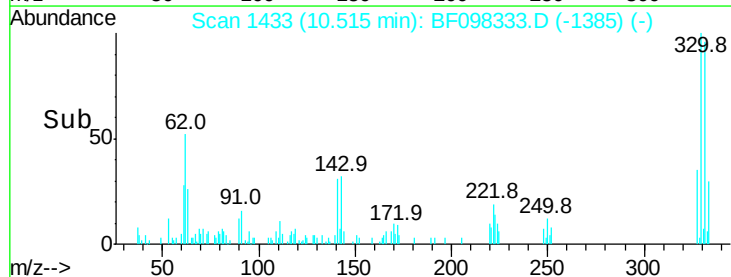
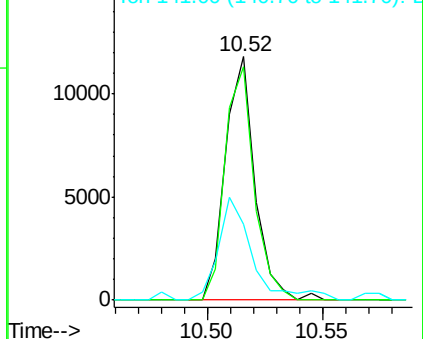


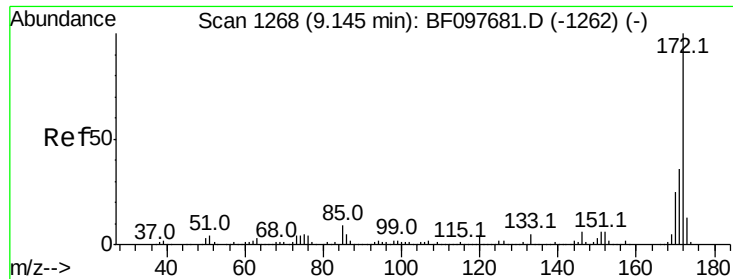
#41
 2,4,6-Tribromophenol
 Concen: 7.506 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF098333.D
 Acq: 8 Sep 2017 00:22

Tgt Ion:330 Resp: 10460
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 115.0
 141 48.6 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

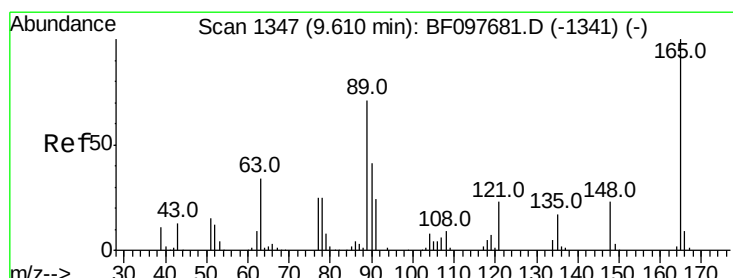
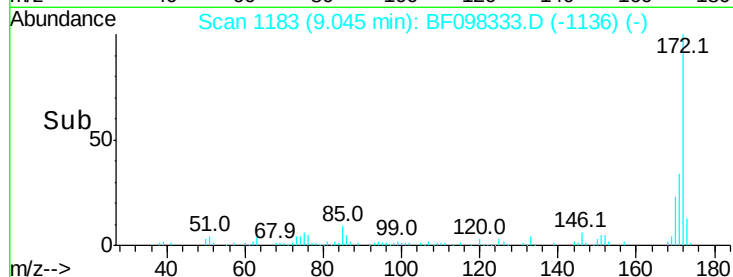
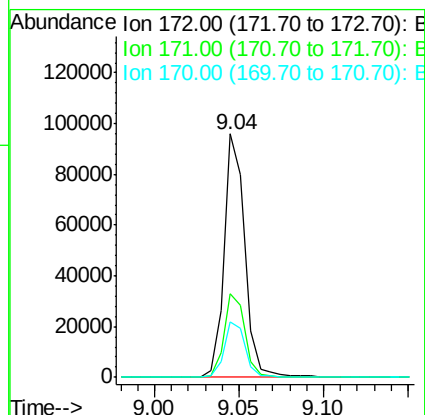
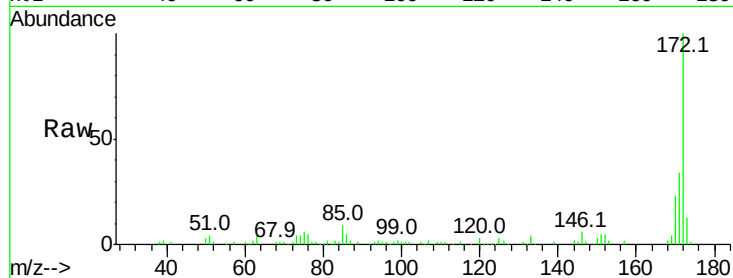




#44
 2-Fluorobiphenyl
 Concen: 7.518 ng
 RT: 9.04 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF098333.D
 Acq: 8 Sep 2017 00:22

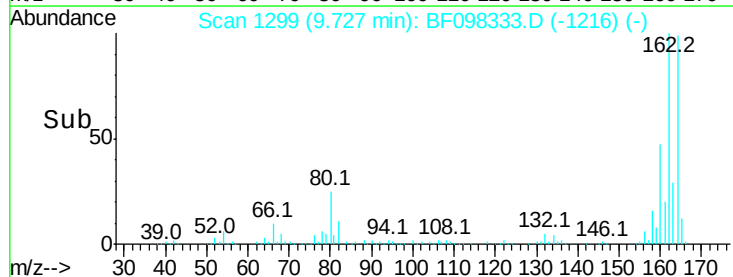
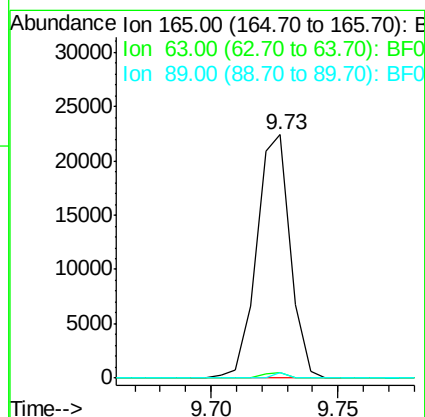
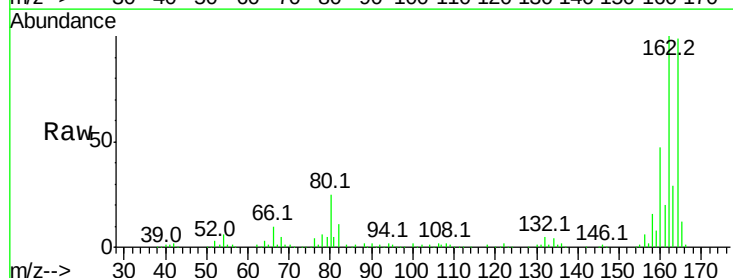
Instrument :
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 ClientSampleId :
 G55A-0-2.5

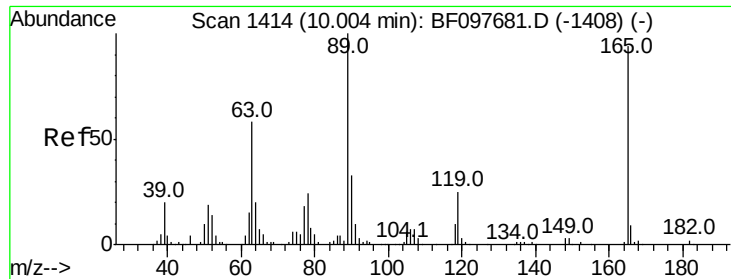
Tot Ion:172 Resp: 82185
 Ion Ratio Lower Upper
 172 100
 171 34.1 29.6 44.4
 170 22.8 19.8 29.8



#50
 2,6-Dinitrotoluene
 Concen: 8.792 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.19 min
 Lab File: BF098333.D
 Acq: 8 Sep 2017 00:22

Tgt Ion:165 Resp: 20604
 Ion Ratio Lower Upper
 165 100
 63 2.5 34.3 51.5#
 89 2.2 37.1 55.7#

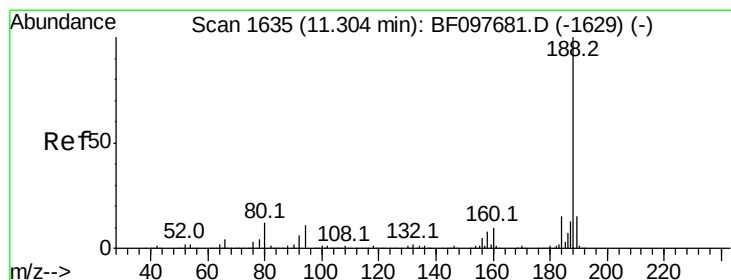
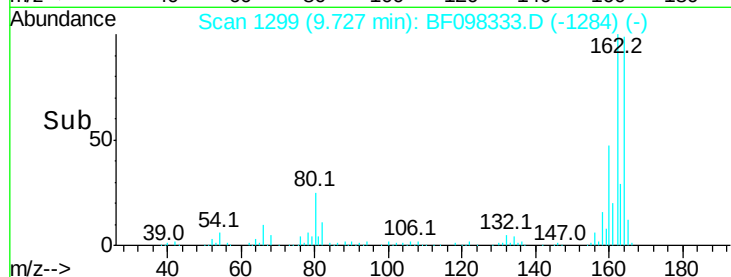
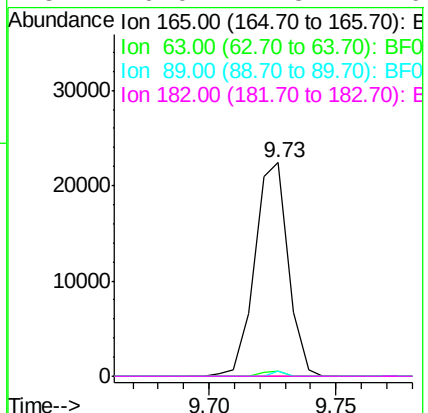
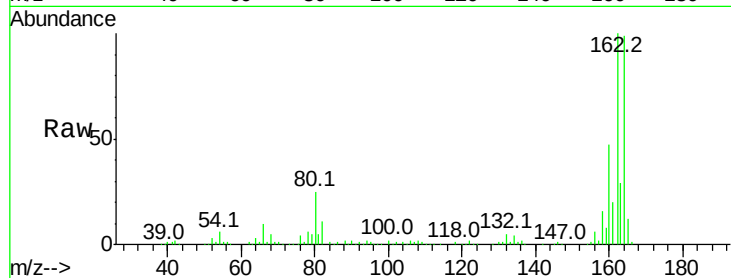




#56
 2,4-Dinitrotoluene
 Concen: 7.006 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.21 min
 Lab File: BF098333.D
 Acq: 8 Sep 2017 00:22

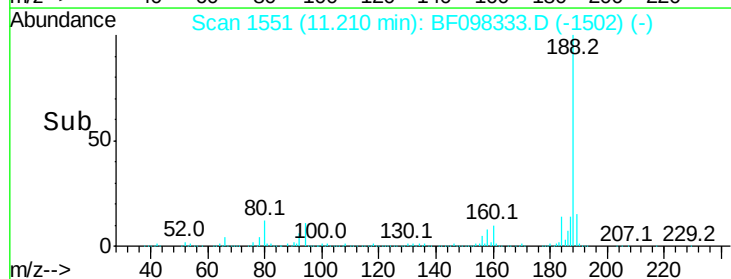
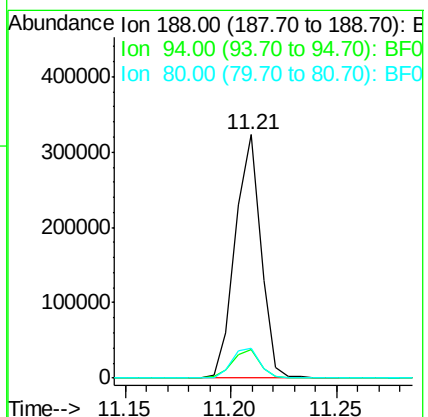
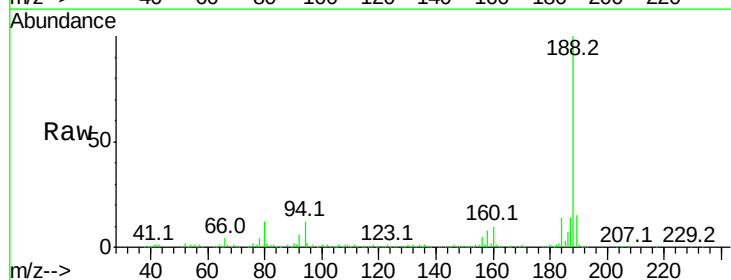
Instrument :
 BNA_F
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 G55A-0-2.5

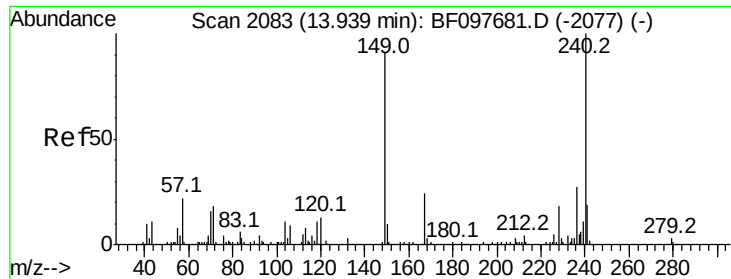
Tot Ion:	165	Resp:	20604
Ion	Ratio	Lower	Upper
165	100		
63	2.5	25.4	38.0#
89	2.2	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF098333.D
 Acq: 8 Sep 2017 00:22

Tgt Ion:	188	Resp:	271723
Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.4	14.2
80	12.1	10.2	15.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF098333.D

Acq: 8 Sep 2017 00:22

Instrument :

BNA_F

ClientSampleId :

G55A-0-2.5

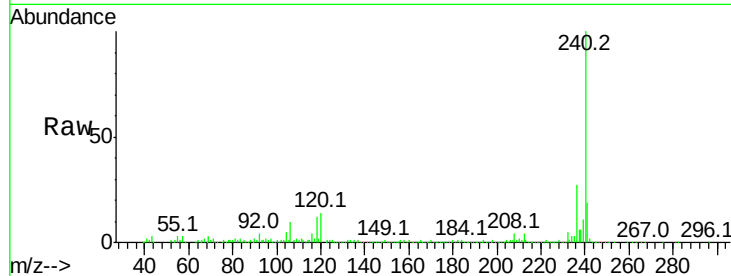
Tot Ion:240 Resp: 232227

Ion Ratio Lower Upper

240 100

120 14.3 5.8 8.8#

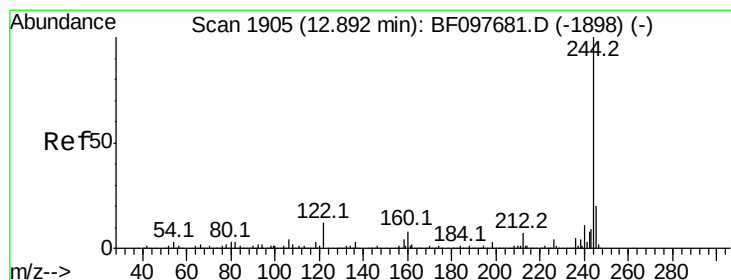
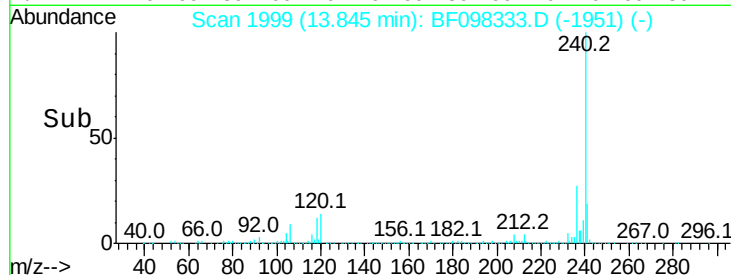
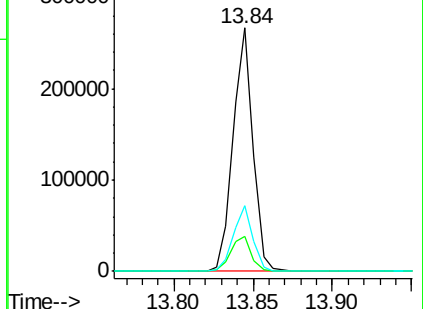
236 27.1 20.5 30.7



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: 5.314 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.02 min

Lab File: BF098333.D

Acq: 8 Sep 2017 00:22

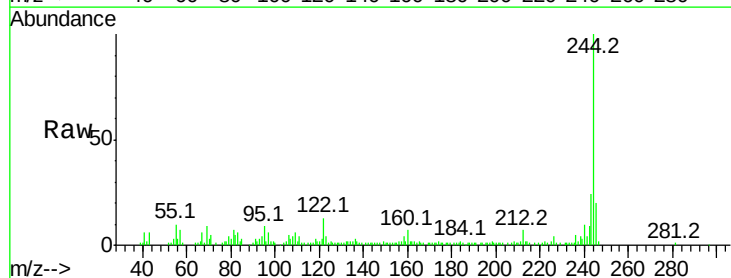
Tgt Ion:244 Resp: 59181

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

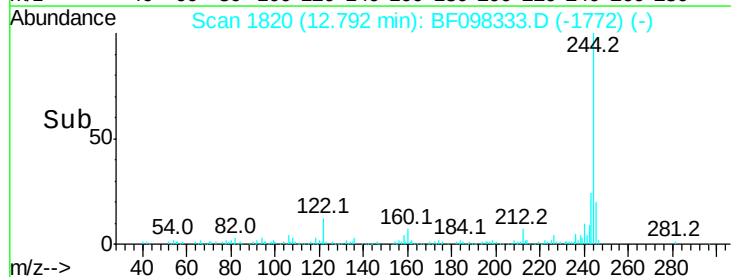
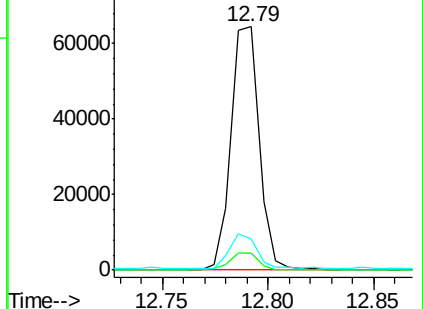
122 12.6 10.3 15.5

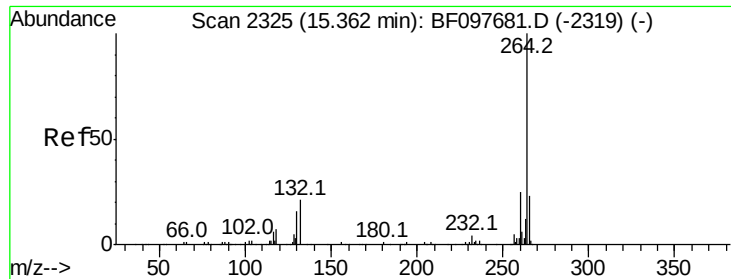


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

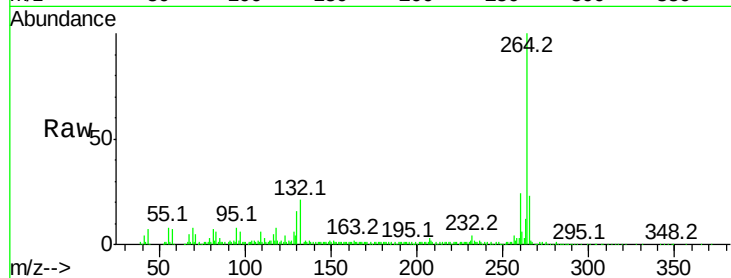




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2239
 Delta R.T. -0.01 min
 Lab File: BF098333.D
 Acq: 8 Sep 2017 00:22

Instrument :
 BNA_F
 ClientSampleId :
 G55A-0-2.5

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	22.5	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

