

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090717\
 Data File : BF098313.D
 Acq On : 7 Sep 2017 15:01
 Operator : SJ/JU
 Sample : I5075-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11948

Quant Time: Sep 07 17:23:38 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

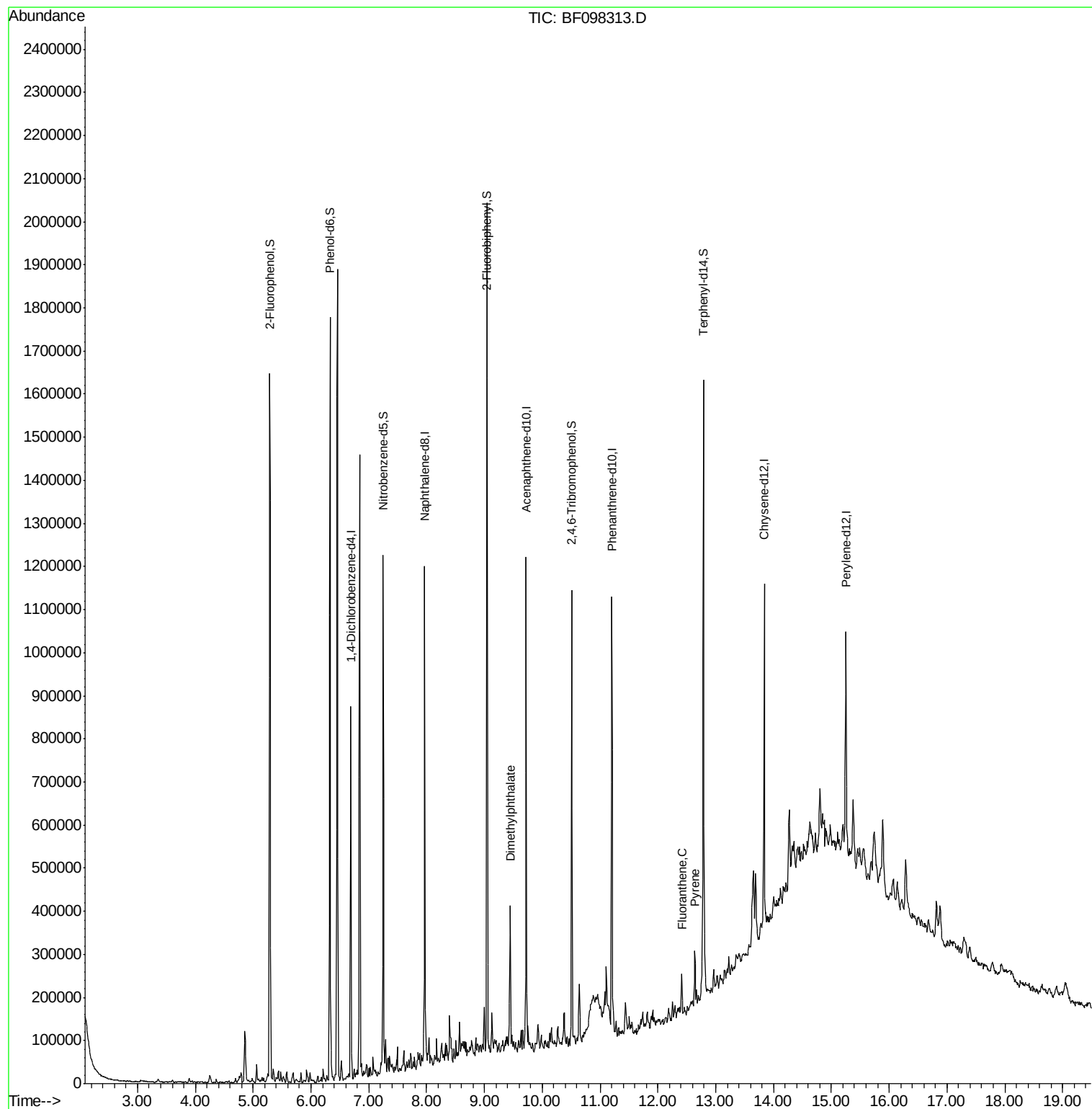
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	112412	20.00	ng	-0.02
21) Naphthalene-d8	7.97	136	453419	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	198313	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	341268	20.00	ng	-0.02
75) Chrysene-d12	13.84	240	257146	20.00	ng	-0.02
86) Perylene-d12	15.25	264	220422	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	481147	65.11	ng	-0.02
7) Phenol-d6	6.33	99	669713	66.70	ng	-0.02
23) Nitrobenzene-d5	7.25	82	393046	47.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	113284	65.84	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	588144	43.57	ng	-0.02
78) Terphenyl-d14	12.79	244	409599	33.22	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.45	163	97744	6.743	ng	98
74) Fluoranthene	12.42	202	38056	2.005	ng	96
77) Pyrene	12.64	202	46531	2.212	ng	98

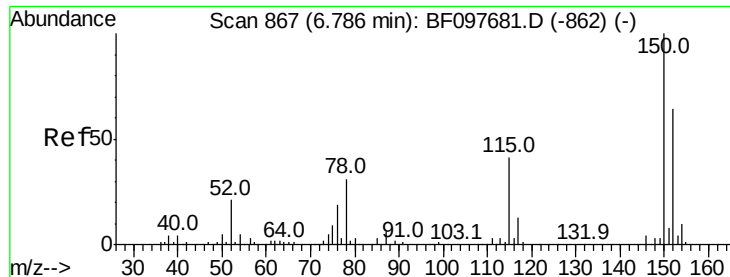
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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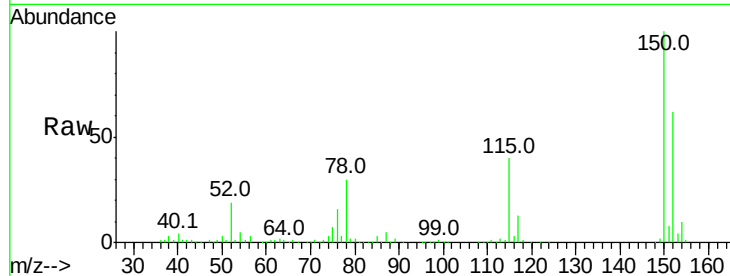


#1

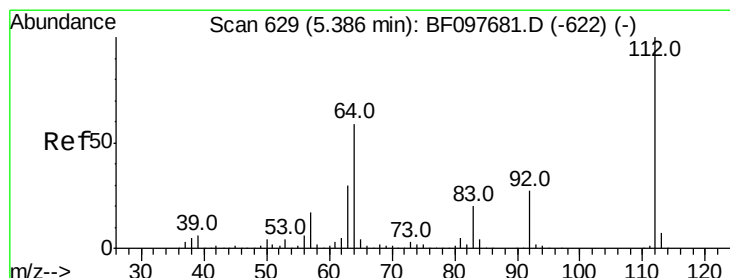
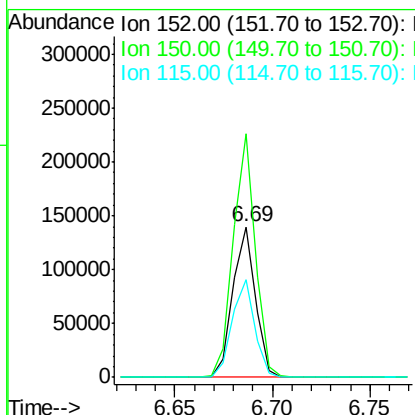
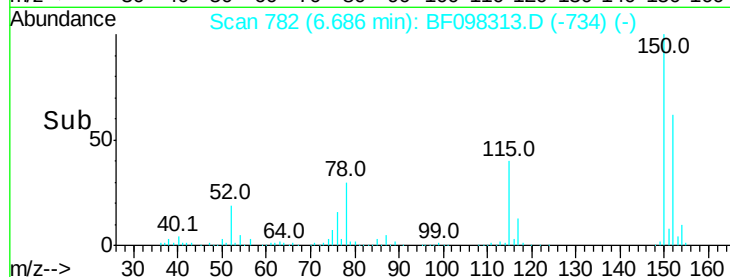
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 782
 Delta R.T. -0.02 min
 Lab File: BF098313.D
 Acq: 7 Sep 2017 15:01

Instrument :
 BNA_F
 ClientSampleId :
 72-11948

Tot Ion:152 Resp: 112412
 Ion Ratio Lower Upper
 152 100
 150 161.8 126.2 189.2
 115 65.3 52.2 78.2



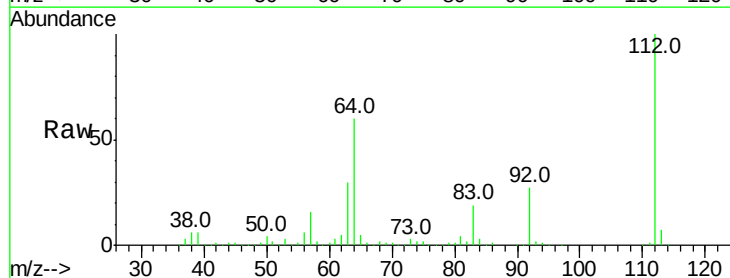
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



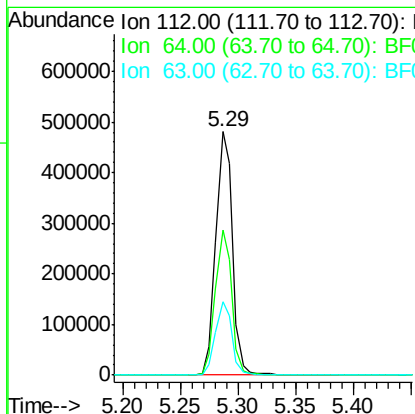
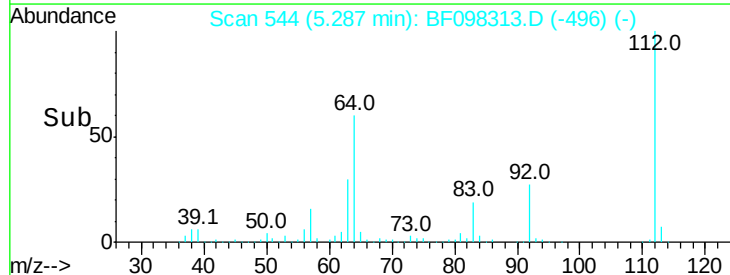
#5

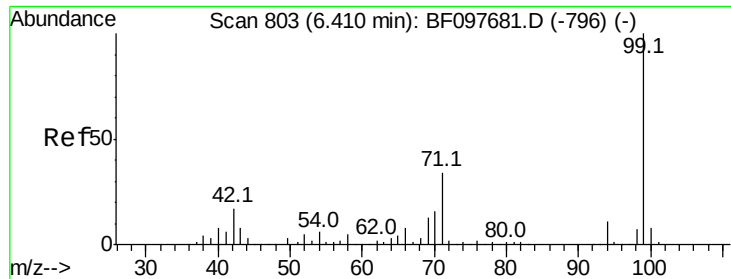
2-Fluorophenol
 Concen: 65.105 ng
 RT: 5.29 min Scan# 544
 Delta R.T. -0.02 min
 Lab File: BF098313.D
 Acq: 7 Sep 2017 15:01

Tgt Ion:112 Resp: 481147
 Ion Ratio Lower Upper
 112 100
 64 59.6 46.0 69.0
 63 30.2 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: 66.696 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF098313.D

Acq: 7 Sep 2017 15:01

Instrument :

BNA_F

ClientSampleId :

72-11948

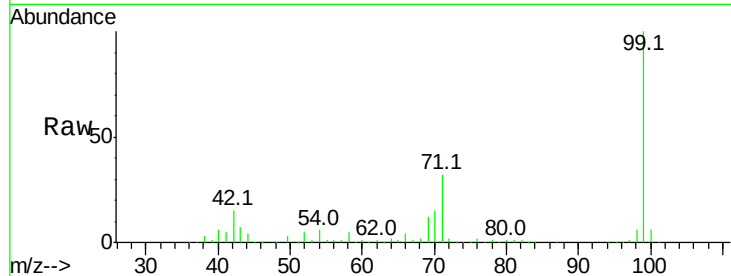
Tot Ion: 99 Resp: 669713

Ion Ratio Lower Upper

99 100

42 15.2 13.5 20.3

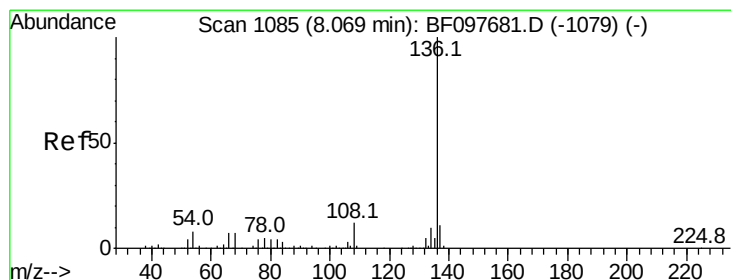
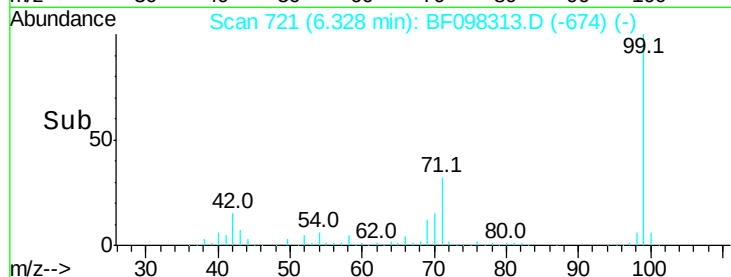
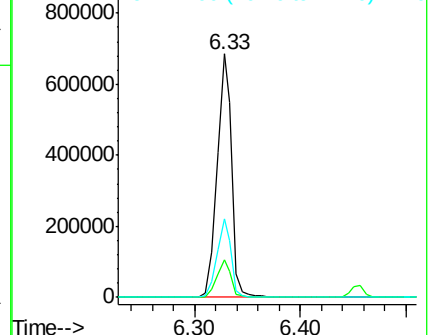
71 32.4 24.5 36.7



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# 1000

Delta R.T. -0.02 min

Lab File: BF098313.D

Acq: 7 Sep 2017 15:01

Tgt Ion: 136 Resp: 453419

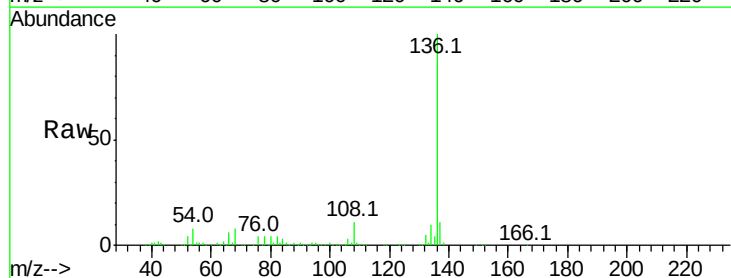
Ion Ratio Lower Upper

136 100

137 11.5 8.5 12.7

54 8.0 4.9 7.3#

68 7.9 4.1 6.1#

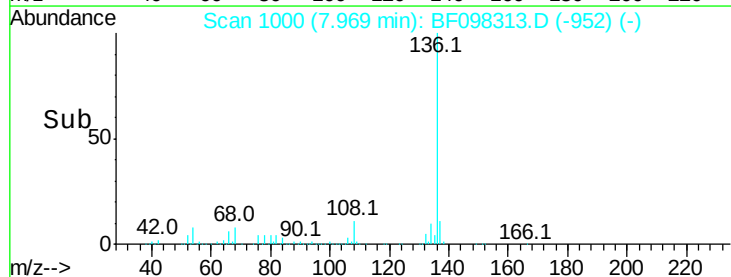
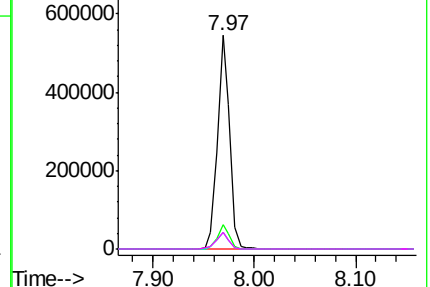


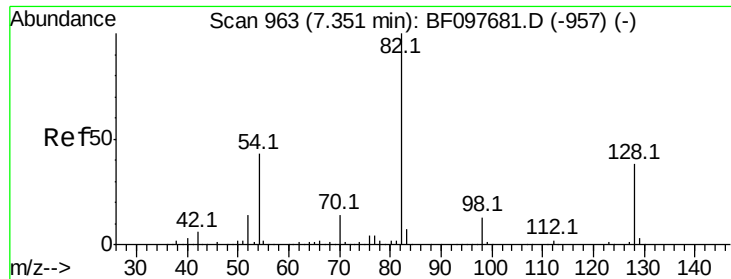
Abundance Ion 136.00 (135.70 to 136.70): E

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

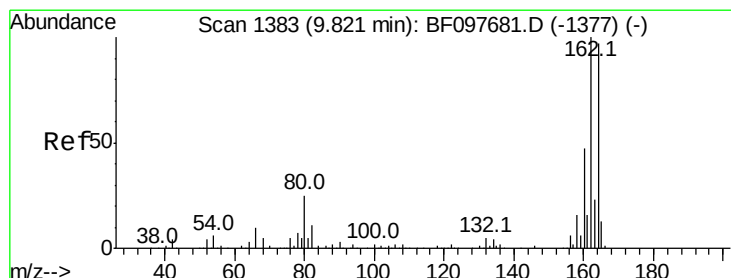
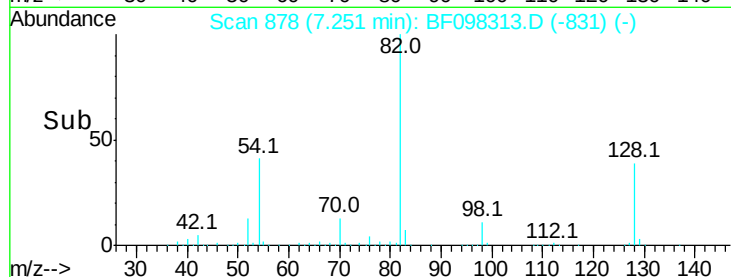
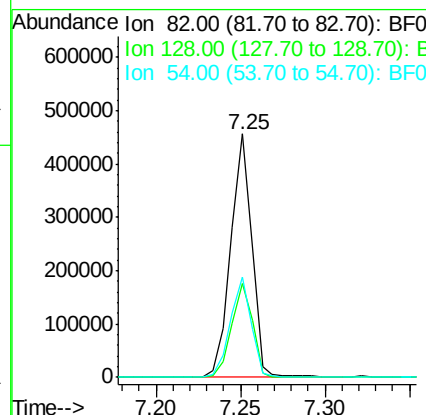
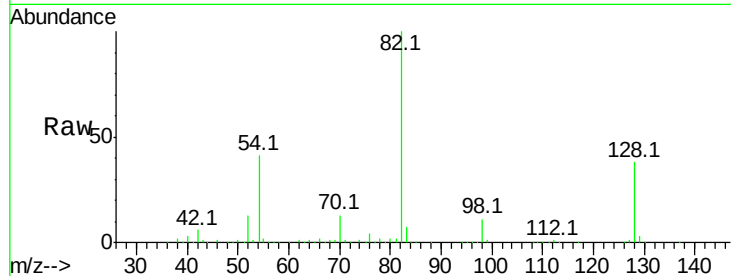




#23
 Nitrobenzene-d5
 Concen: 47.091 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BF098313.D
 Acq: 7 Sep 2017 15:01

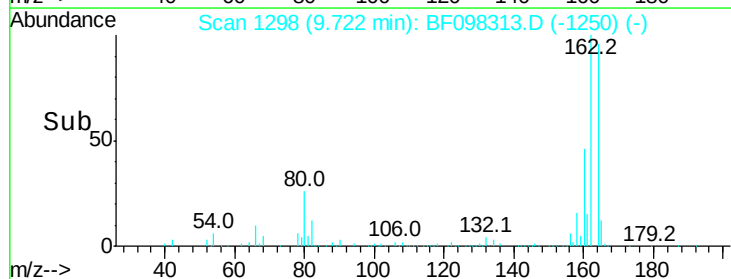
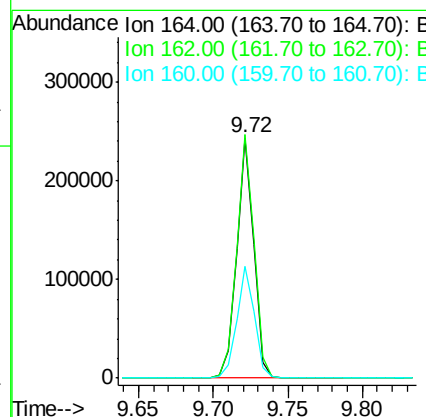
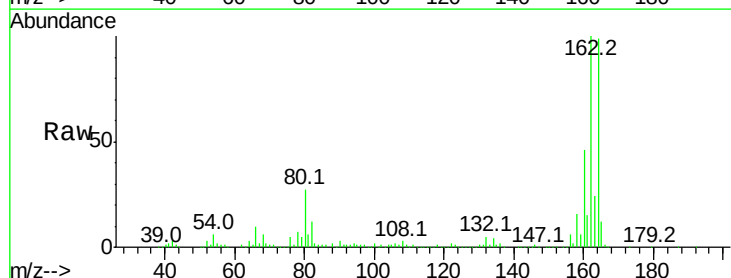
Instrument :
 BNA_F
 ClientSampled :
 72-11948

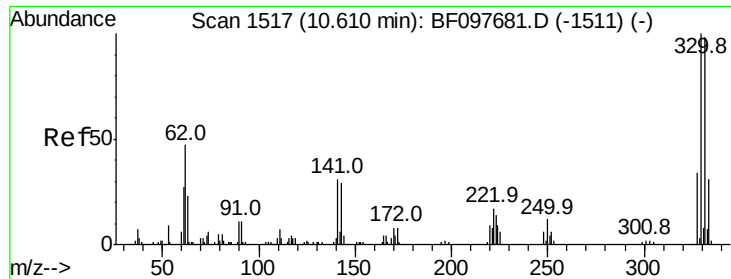
Tot Ion: 82 Resp: 393046
 Ion Ratio Lower Upper
 82 100
 128 38.5 34.0 51.0
 54 41.0 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BF098313.D
 Acq: 7 Sep 2017 15:01

Tgt Ion:164 Resp: 198313
 Ion Ratio Lower Upper
 164 100
 162 101.3 82.6 123.8
 160 46.7 36.2 54.2

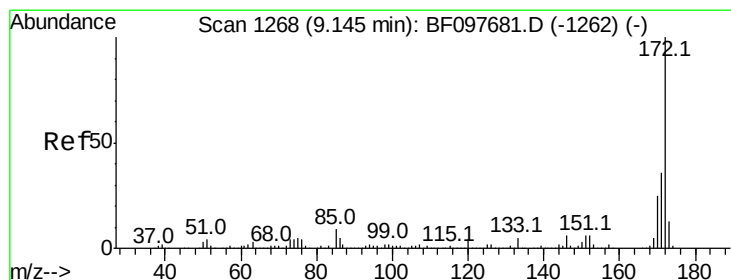
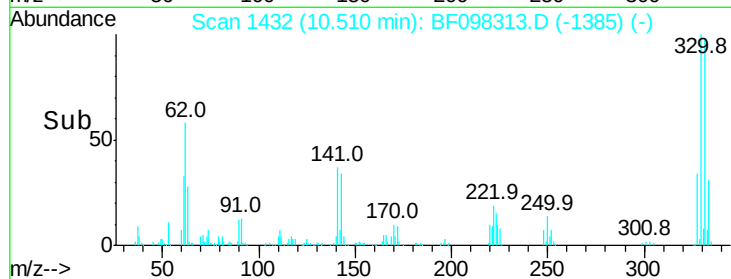
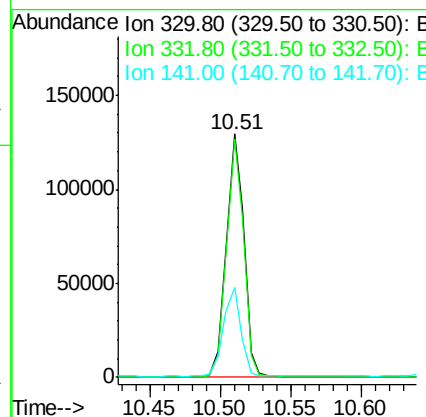
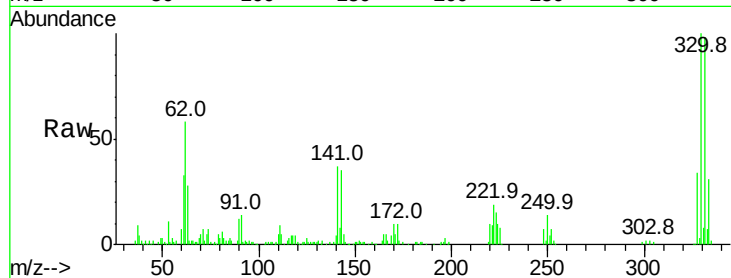




#41
 2,4,6-Tribromophenol
 Concen: 65.836 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BF098313.D
 Acq: 7 Sep 2017 15:01

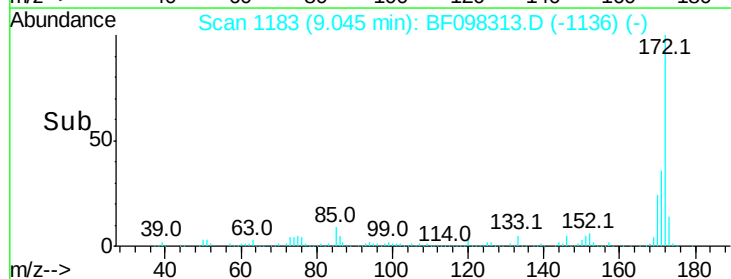
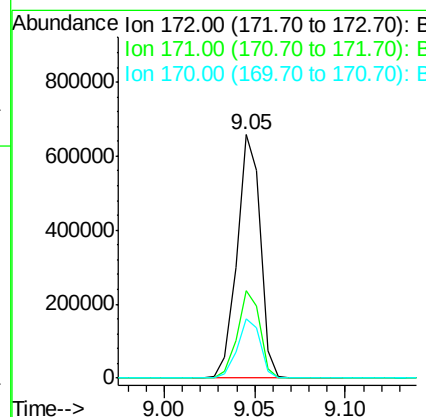
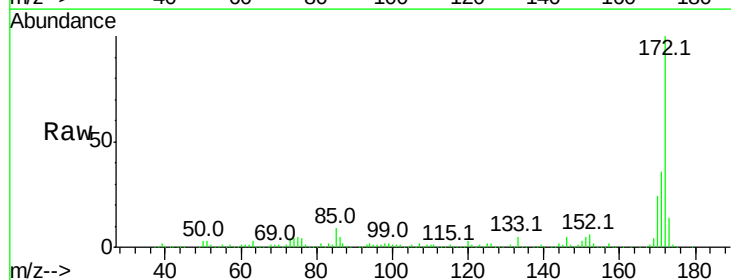
Instrument :
 BNA_F
 ClientSampleId :
 72-11948

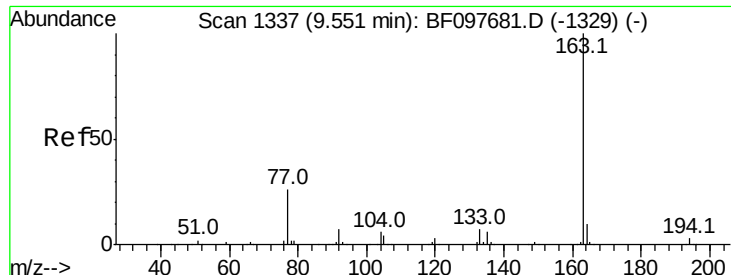
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	115.0
141	36.8	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 43.573 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF098313.D
 Acq: 7 Sep 2017 15:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.4	19.8	29.8

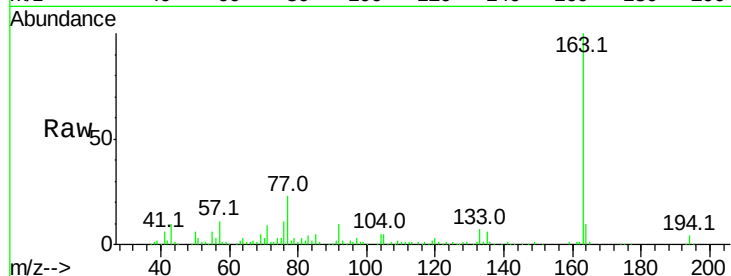




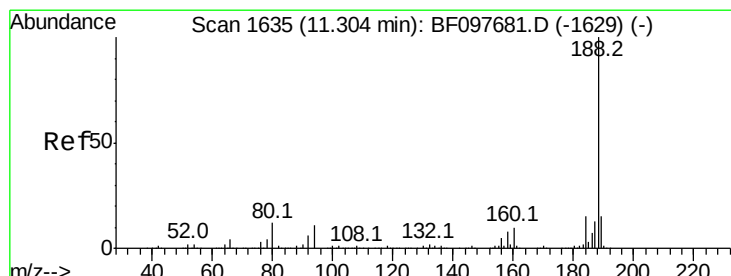
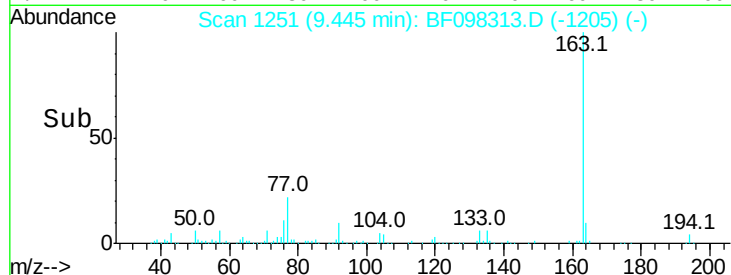
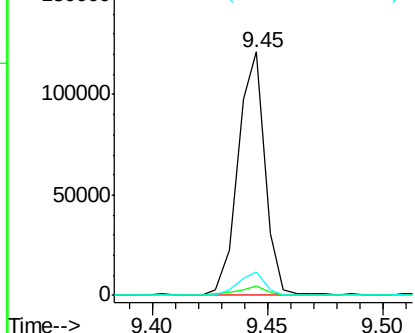
#49
Dimethylphthalate
Concen: 6.743 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF098313.D
Acq: 7 Sep 2017 15:01

Instrument :
BNA_F
ClientSampleId :
72-11948

Tot Ion:163 Resp: 97744
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 9.6 8.4 12.6

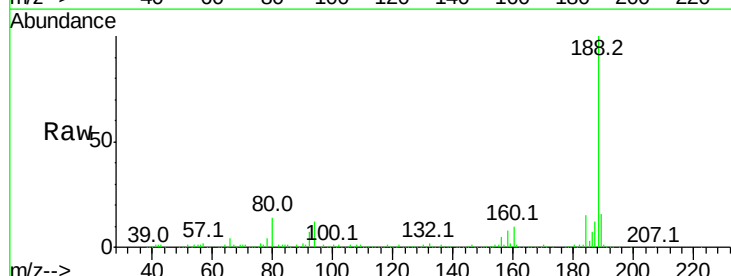


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

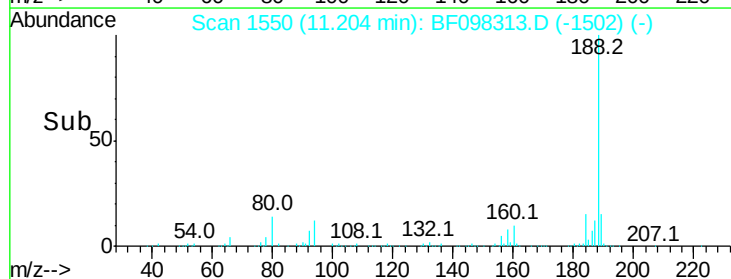
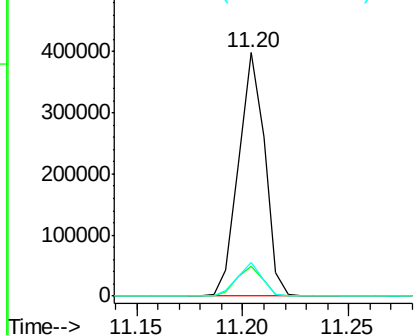


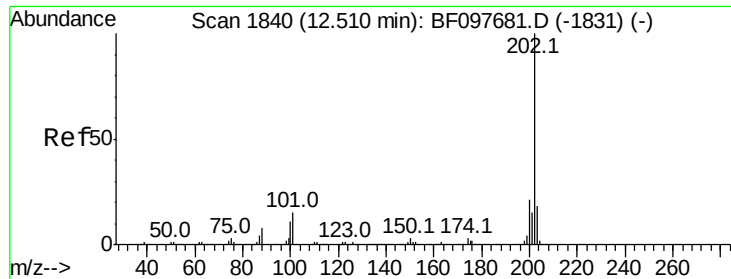
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.02 min
Lab File: BF098313.D
Acq: 7 Sep 2017 15:01

Tgt Ion:188 Resp: 341268
Ion Ratio Lower Upper
188 100
94 12.5 9.4 14.2
80 13.8 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





#74

Fluoranthene

Concen: 2.005 ng

RT: 12.42 min Scan# 1756

Delta R.T. -0.02 min

Lab File: BF098313.D

Acq: 7 Sep 2017 15:01

Instrument :

BNA_F

ClientSampleId :

72-11948

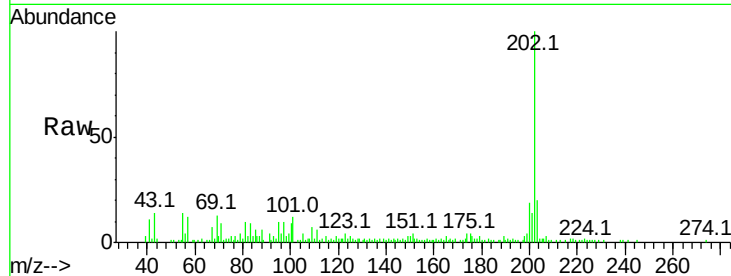
Tot Ion:202 Resp: 38056

Ion Ratio Lower Upper

202 100

101 12.0 0.0 33.2

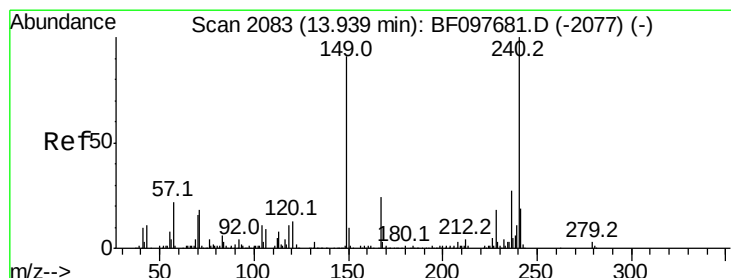
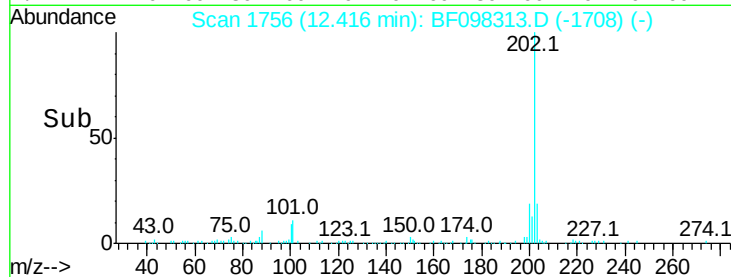
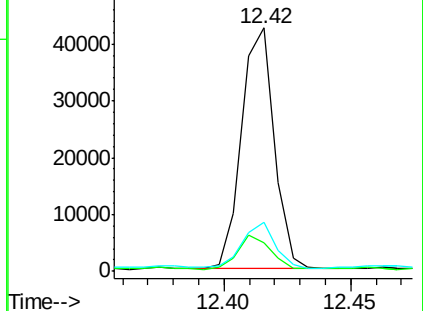
203 20.0 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF098313.D

Acq: 7 Sep 2017 15:01

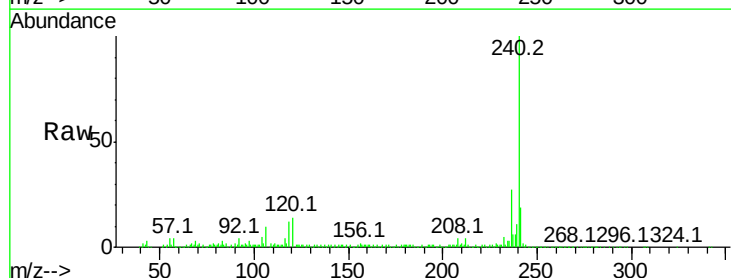
Tgt Ion:240 Resp: 257146

Ion Ratio Lower Upper

240 100

120 14.0 5.8 8.8#

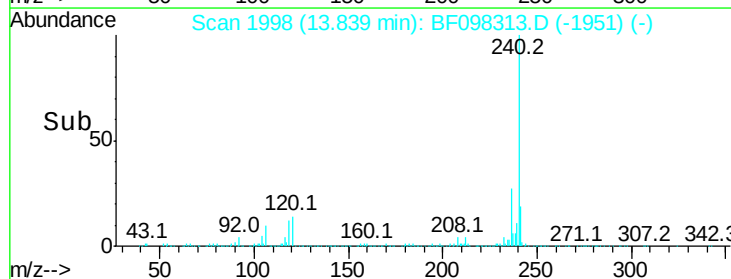
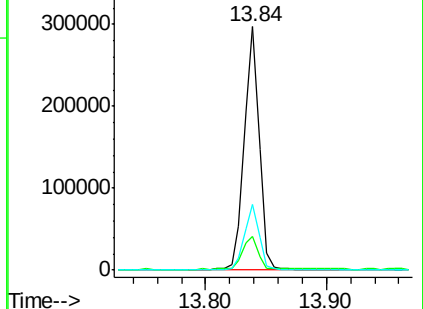
236 27.2 20.5 30.7

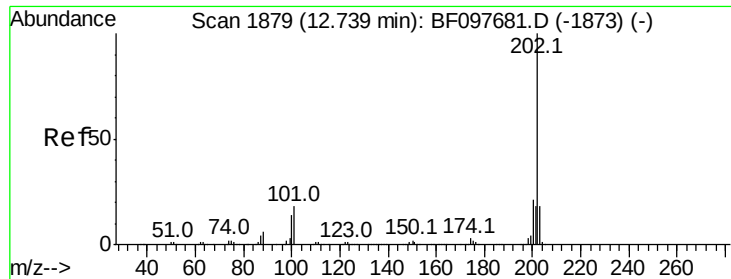


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.212 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.02 min

Lab File: BF098313.D

Acq: 7 Sep 2017 15:01

Instrument :

BNA_F

ClientSampleId :

72-11948

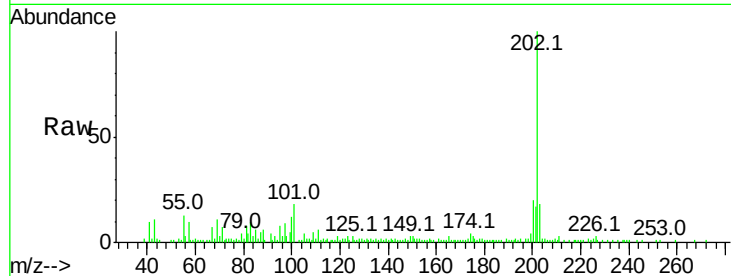
Tot Ion:202 Resp: 46531

Ion Ratio Lower Upper

202 100

200 20.2 17.6 26.4

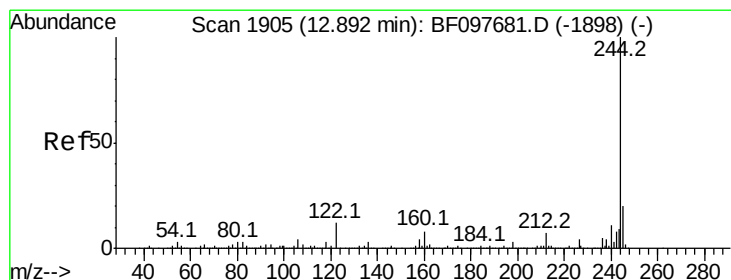
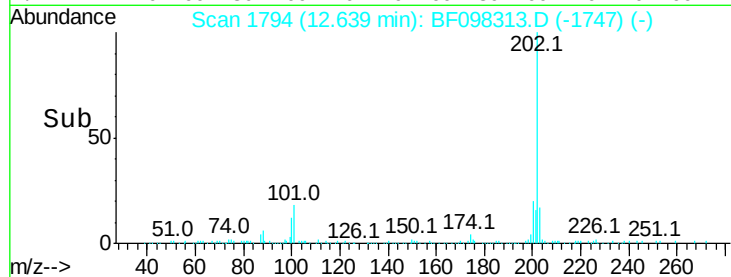
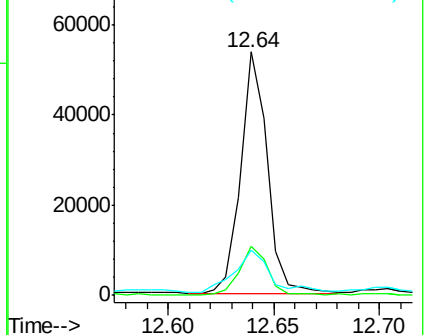
203 18.4 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 33.217 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BF098313.D

Acq: 7 Sep 2017 15:01

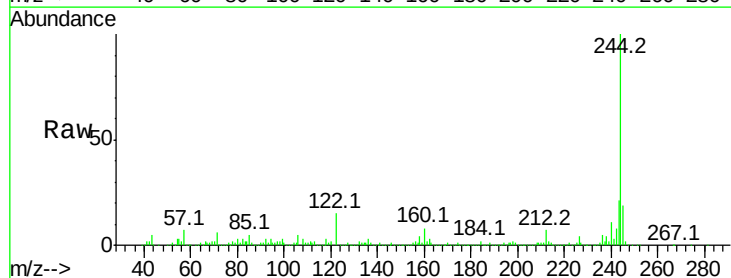
Tgt Ion:244 Resp: 409599

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

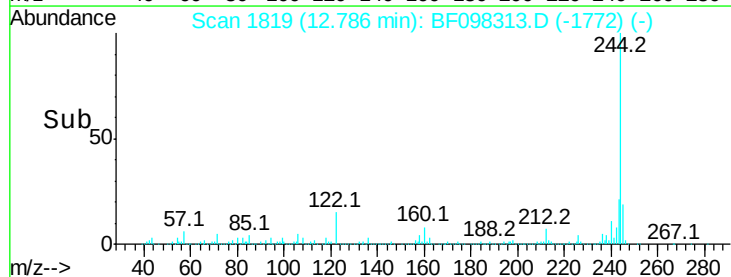
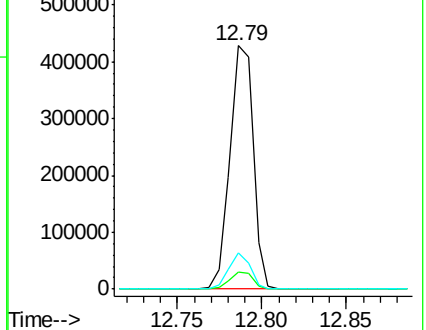
122 14.7 10.3 15.5

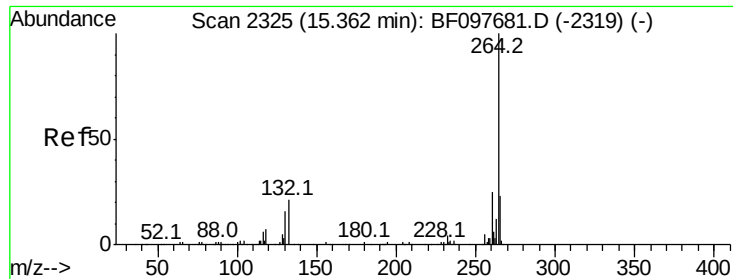


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

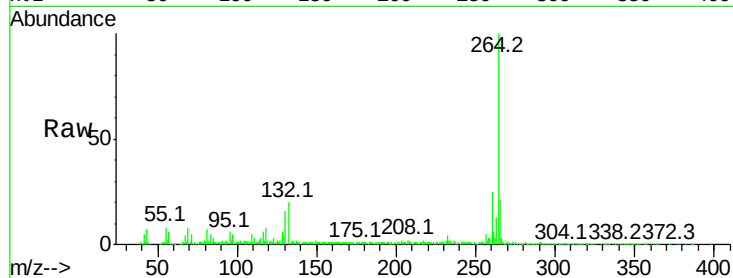




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF098313.D
Acq: 7 Sep 2017 15:01

Instrument :
BNA_F
ClientSampleId :
72-11948

Tot Ion	Ion	Ratio	Lower	Upper
220422	264	100		
	260	24.5	19.5	29.3
	265	21.3	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

