

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091317\
 Data File : BF098514.D
 Acq On : 14 Sep 2017 2:51
 Operator : SJ/JU
 Sample : I5159-09 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-41-A1-0-2.5

Quant Time: Sep 14 07:58:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

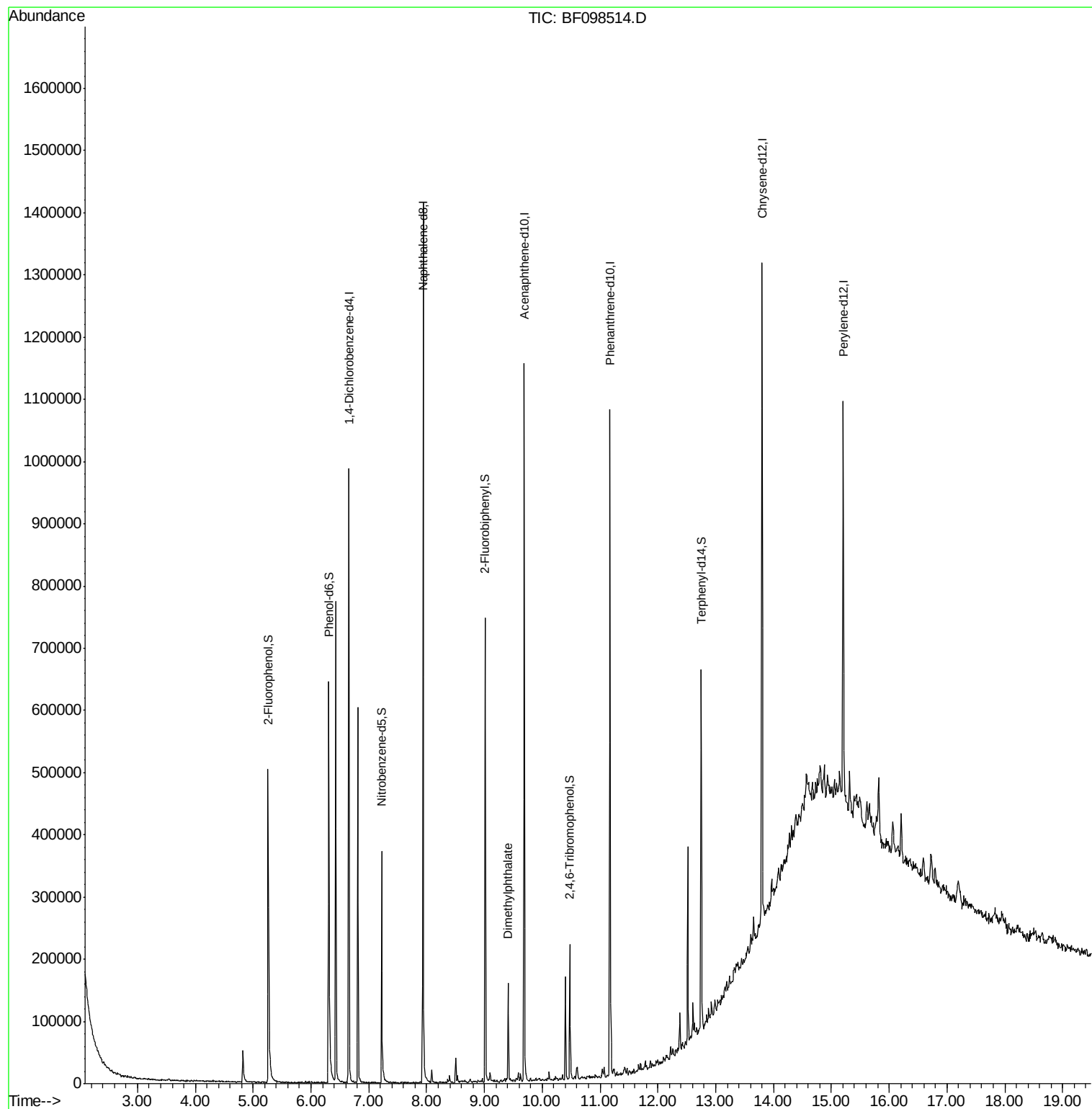
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	150809	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	574193	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	212759	20.00	ng	-0.02
63) Phenanthrene-d10	11.17	188	338954	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	330145	20.00	ng	-0.01
86) Perylene-d12	15.20	264	251303	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	189004	18.53	ng	-0.01
7) Phenol-d6	6.30	99	241613	18.66	ng	-0.02
23) Nitrobenzene-d5	7.22	82	120846	11.73	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	23911	16.84	ng	-0.01
44) 2-Fluorobiphenyl	9.01	172	222829	17.75	ng	-0.02
78) Terphenyl-d14	12.75	244	155713	10.18	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.41	163	55596	3.376	ng	98

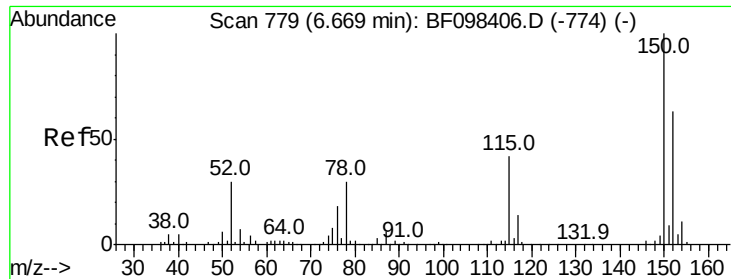
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF098514.D

Acq: 14 Sep 2017 2:51

Instrument :

BNA_F

ClientSampleId :

G-41-A1-0-2.5

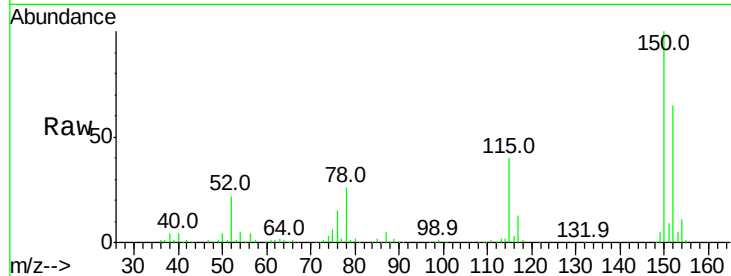
Tot Ion:152 Resp: 150809

Ion Ratio Lower Upper

152 100

150 154.5 126.2 189.2

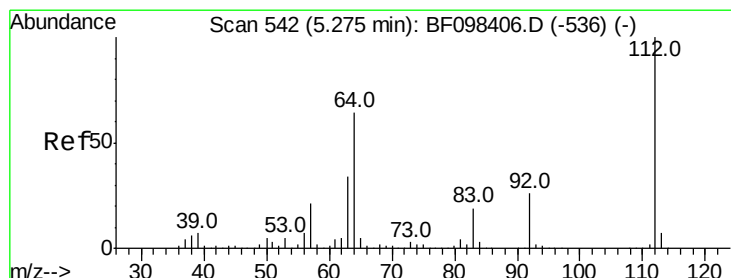
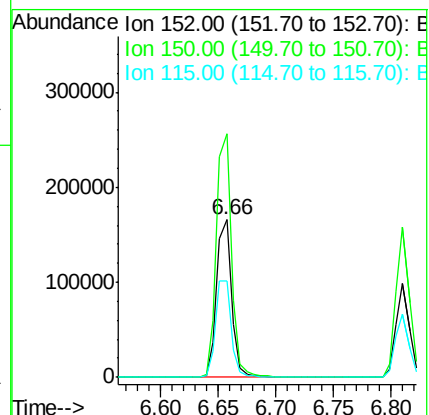
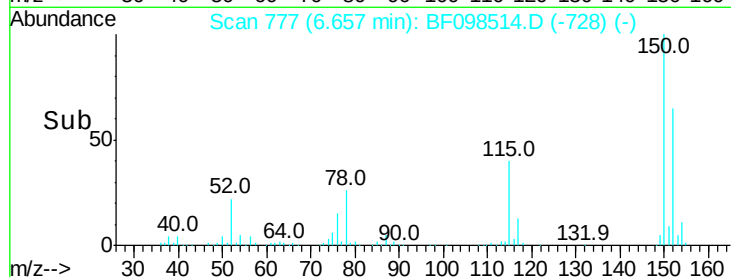
115 61.1 52.2 78.2



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: 18.530 ng

RT: 5.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF098514.D

Acq: 14 Sep 2017 2:51

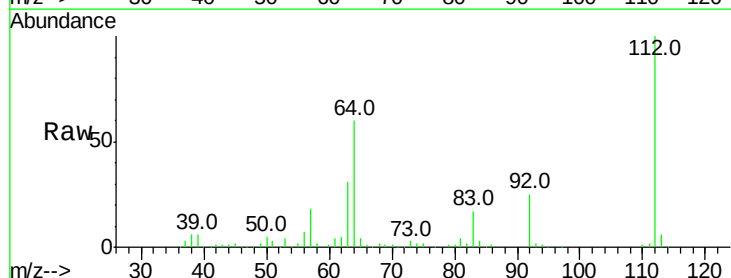
Tgt Ion:112 Resp: 189004

Ion Ratio Lower Upper

112 100

64 59.9 46.0 69.0

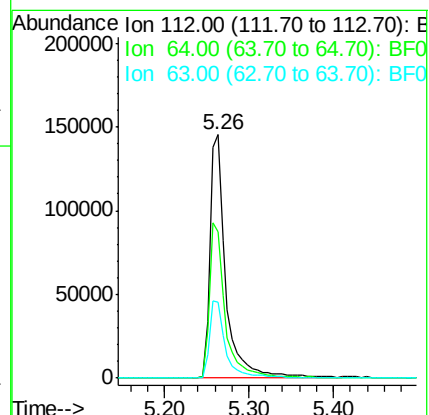
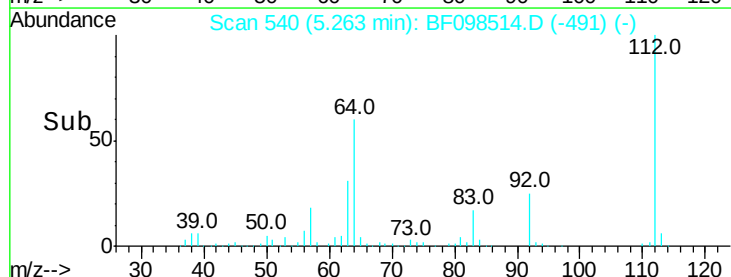
63 30.9 23.4 35.0

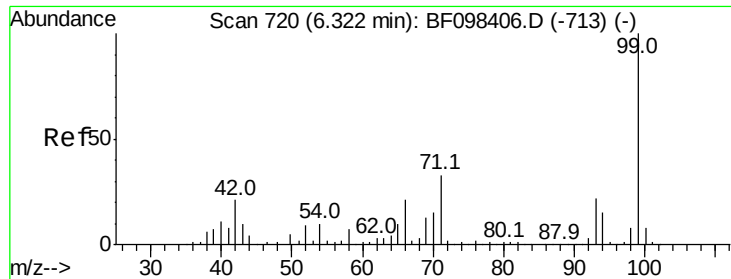


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 18.657 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF098514.D

Acq: 14 Sep 2017 2:51

Instrument :

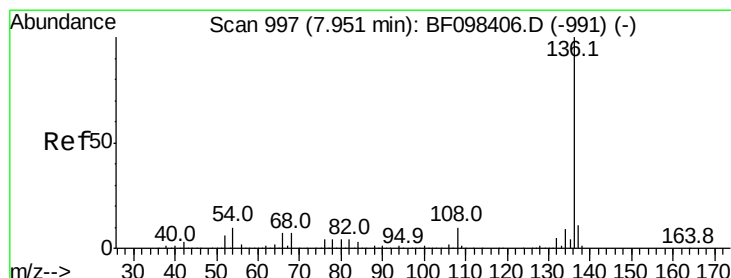
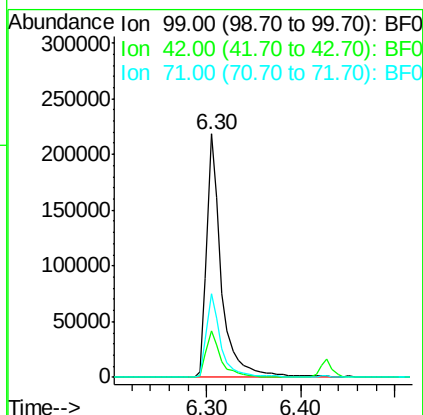
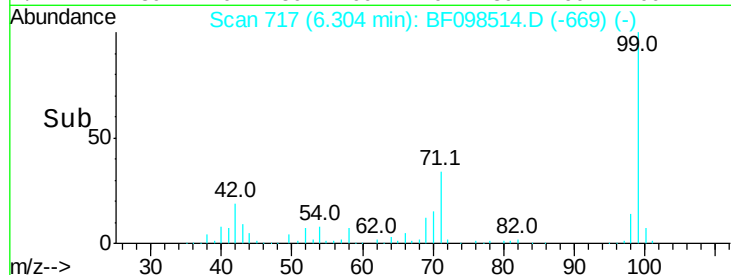
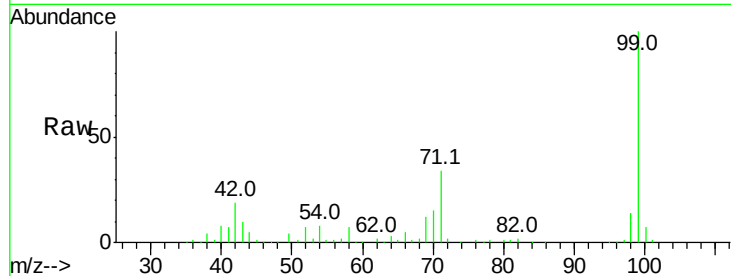
BNA_F

ClientSampleId :

G-41-A1-0-2.5

Tot Ion: 99 Resp: 241613

Ion	Ratio	Lower	Upper
99	100		
42	19.2	13.5	20.3
71	34.5	24.5	36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.94 min Scan# 995

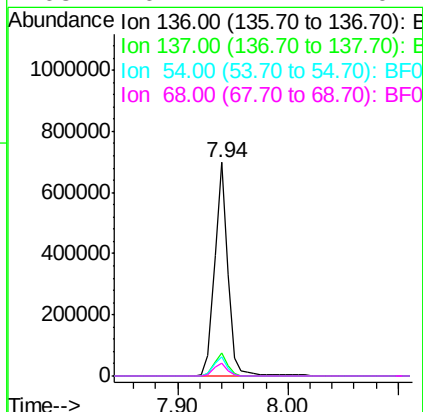
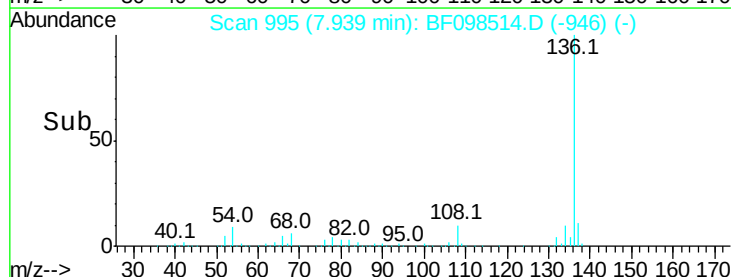
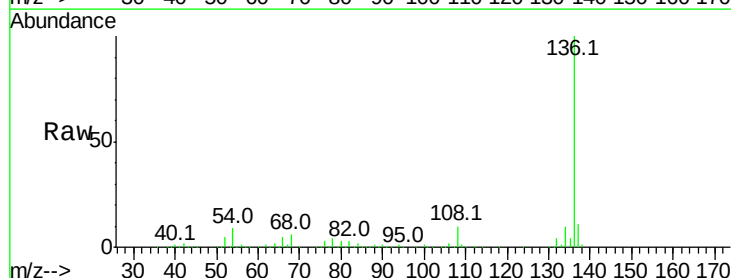
Delta R.T. -0.01 min

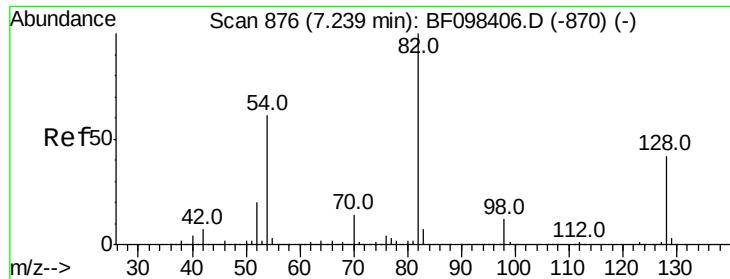
Lab File: BF098514.D

Acq: 14 Sep 2017 2:51

Tgt Ion: 136 Resp: 574193

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	9.2	4.9	7.3#
68	6.2	4.1	6.1#

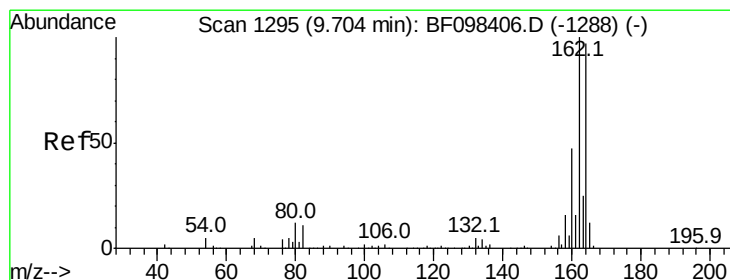
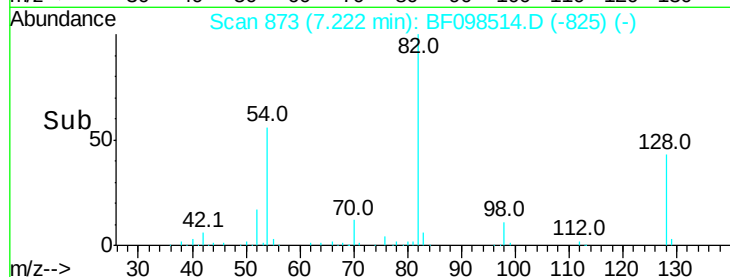
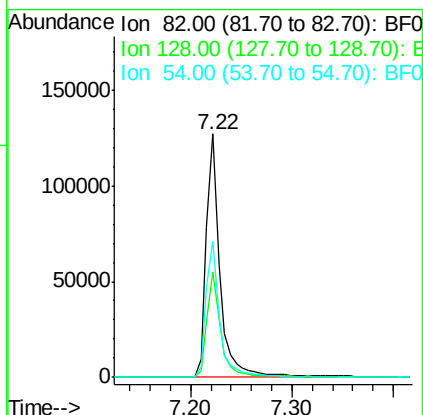
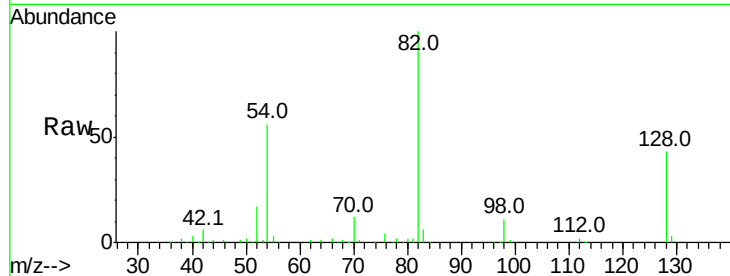




#23
Nitrobenzene-d5
Concen: 11.733 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.02 min
Lab File: BF098514.D
Acq: 14 Sep 2017 2:51

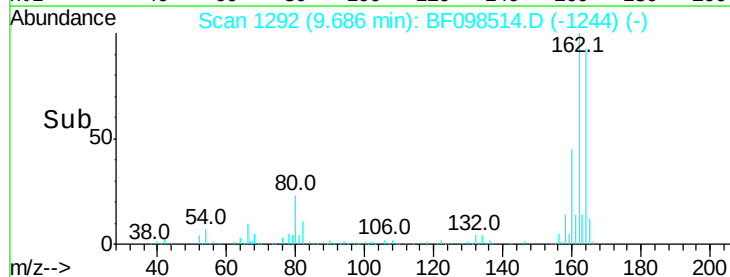
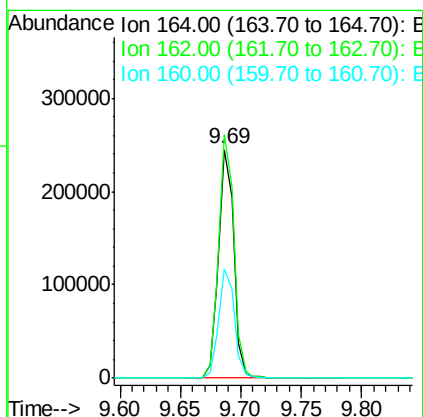
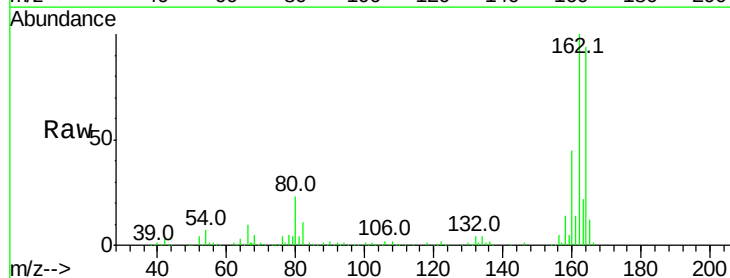
Instrument :
BNA_F
ClientSampleId :
G-41-A1-0-2.5

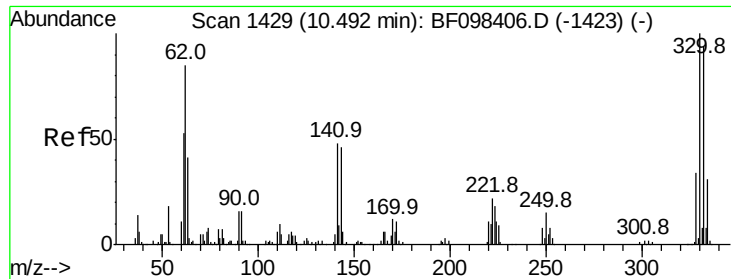
Tot Ion: 82 Resp: 120846
Ion Ratio Lower Upper
82 100
128 43.1 34.0 51.0
54 55.9 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF098514.D
Acq: 14 Sep 2017 2:51

Tgt Ion:164 Resp: 212759
Ion Ratio Lower Upper
164 100
162 106.5 82.6 123.8
160 47.8 36.2 54.2

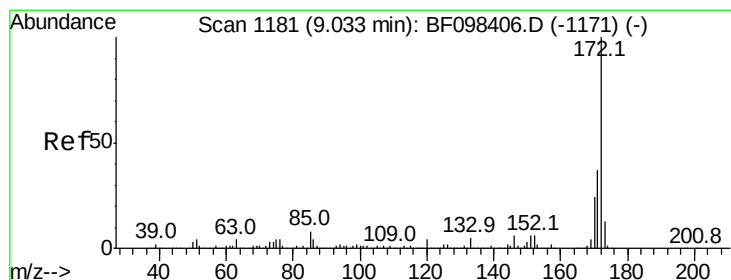
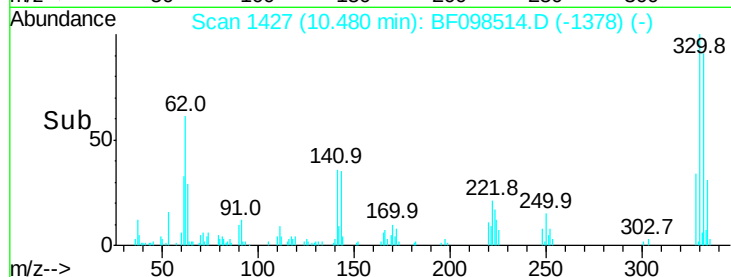
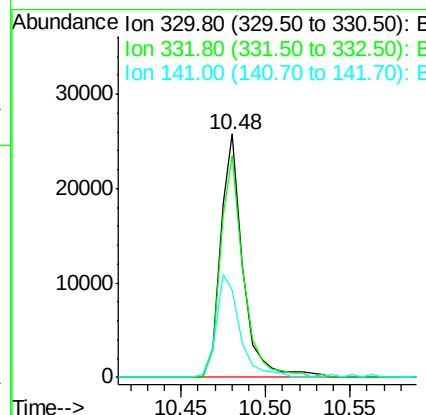
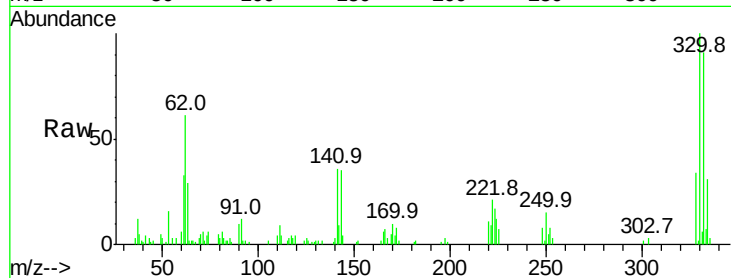




#41
 2,4,6-Tribromophenol
 Concen: 16.839 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF098514.D
 Acq: 14 Sep 2017 2:51

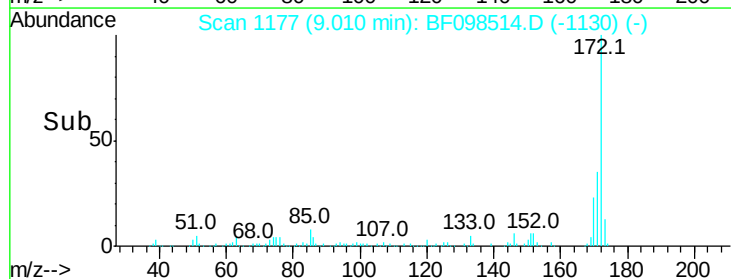
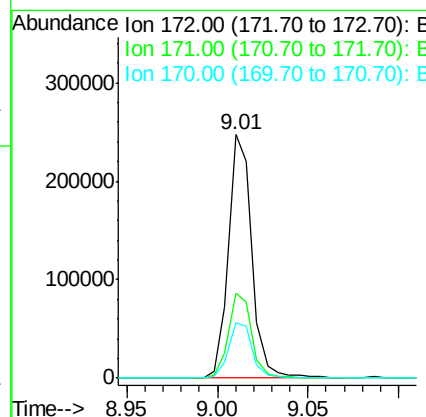
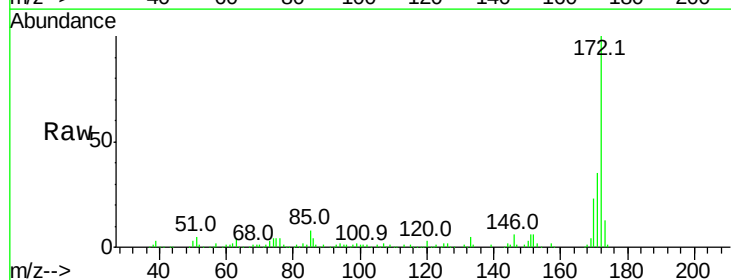
Instrument :
 BNA_F
 ClientSampleId :
 G-41-A1-0-2.5

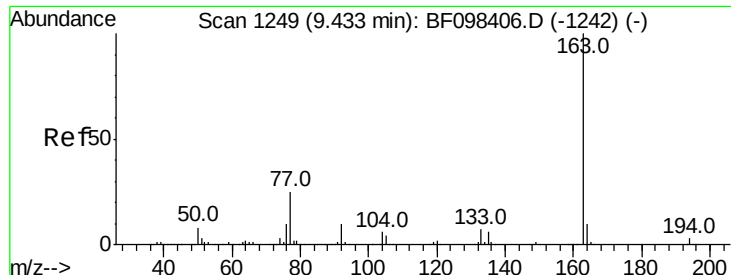
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.7	76.6	115.0
141	44.6	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 17.751 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.02 min
 Lab File: BF098514.D
 Acq: 14 Sep 2017 2:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.6	44.4
170	22.8	19.8	29.8

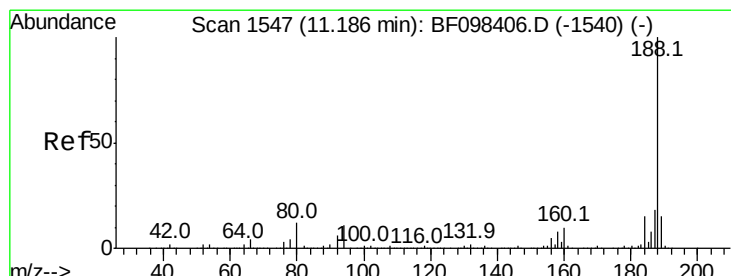
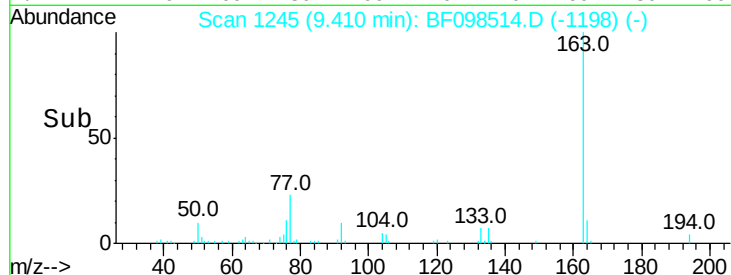
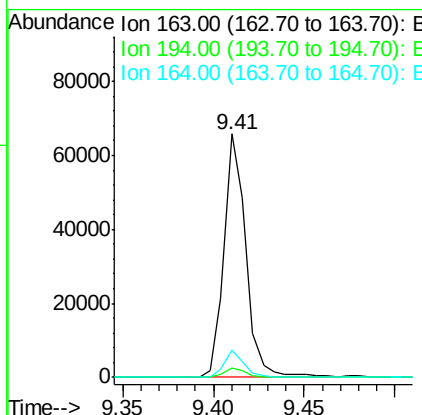
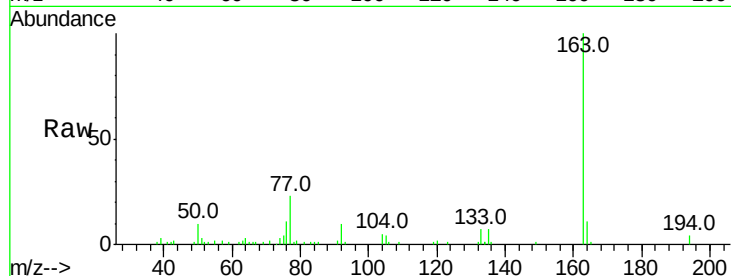




#49
Dimethylphthalate
Concen: 3.376 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BF098514.D
Acq: 14 Sep 2017 2:51

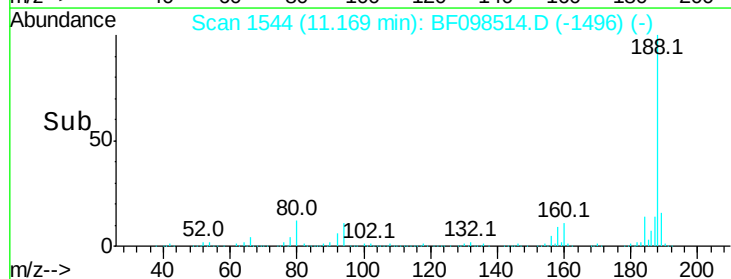
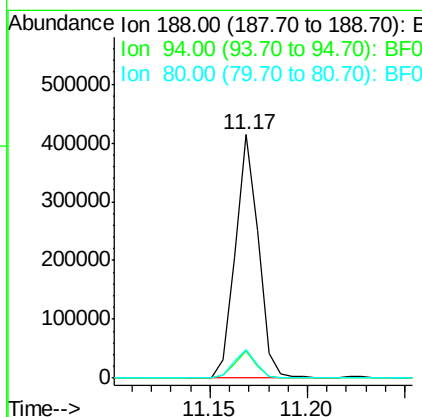
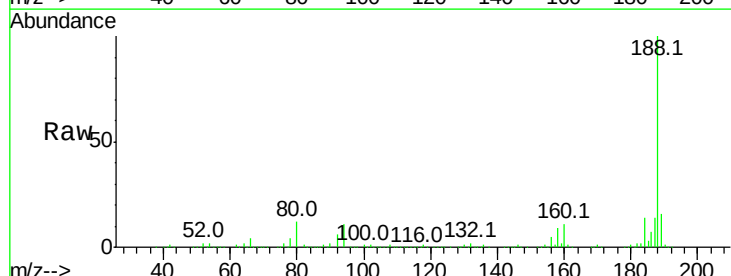
Instrument :
BNA_F
ClientSampleId :
G-41-A1-0-2.5

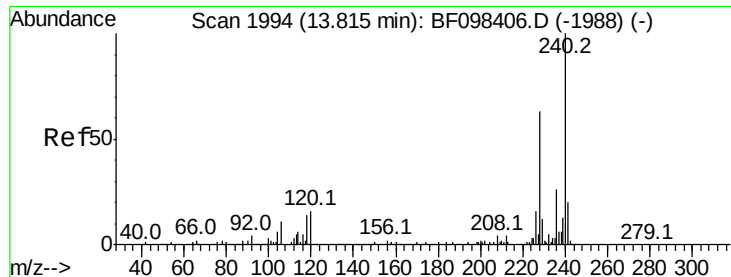
Tot Ion:163 Resp: 55596
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 11.3 8.4 12.6



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.02 min
Lab File: BF098514.D
Acq: 14 Sep 2017 2:51

Tgt Ion:188 Resp: 338954
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 11.9 10.2 15.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BF098514.D

Acq: 14 Sep 2017 2:51

Instrument :

BNA_F

ClientSampleId :

G-41-A1-0-2.5

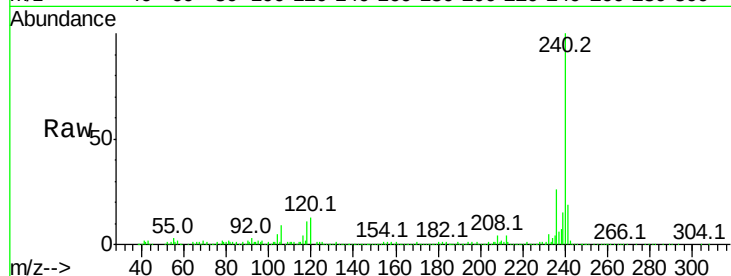
Tot Ion:240 Resp: 330145

Ion Ratio Lower Upper

240 100

120 13.0 5.8 8.8#

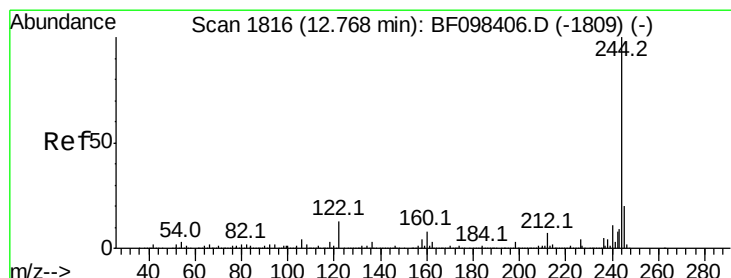
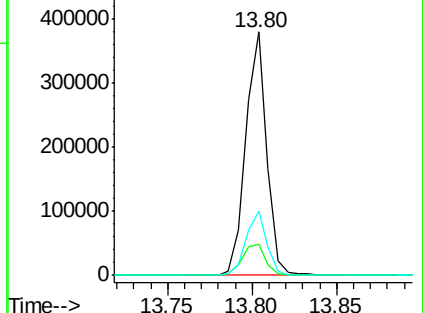
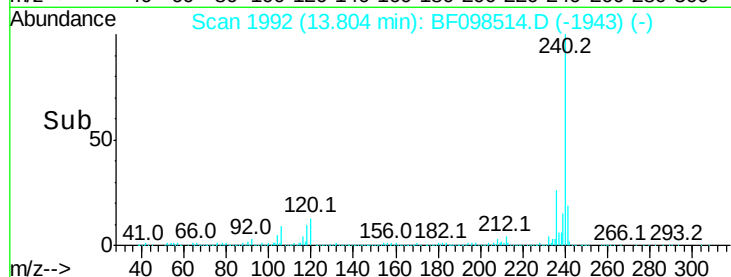
236 26.2 20.5 30.7



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



#78

Terphenyl-d14

Concen: 10.180 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BF098514.D

Acq: 14 Sep 2017 2:51

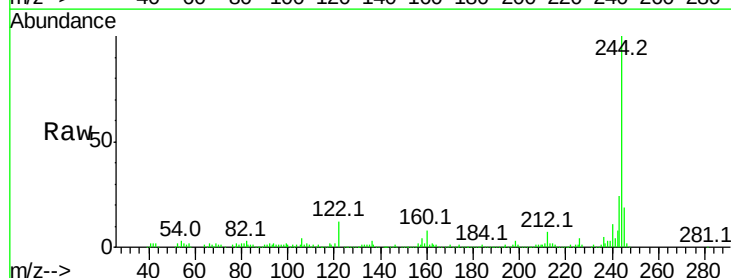
Tgt Ion:244 Resp: 155713

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

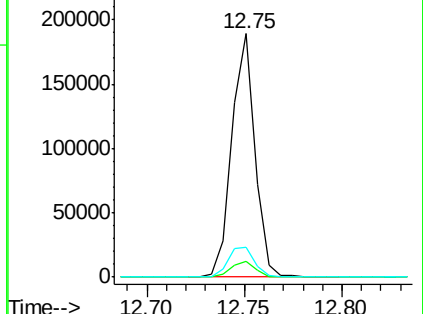
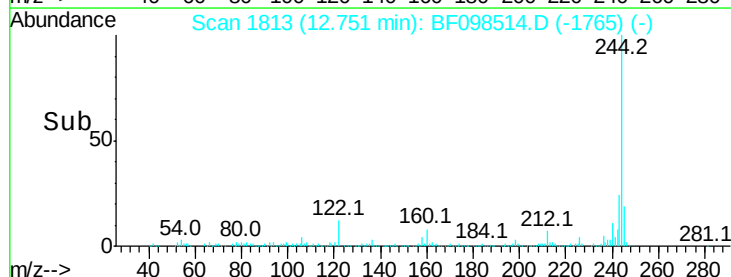
122 12.2 10.3 15.5

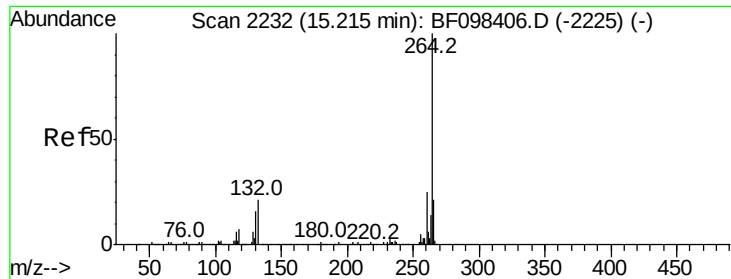


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

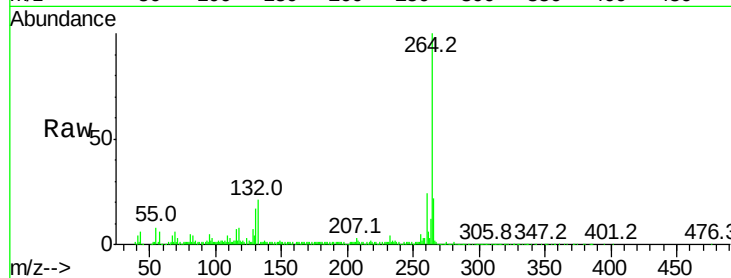




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.20 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BF098514.D
 Acq: 14 Sep 2017 2:51

Instrument :
 BNA_F
 ClientSampleId :
 G-41-A1-0-2.5

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	22.3	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

