

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
 Data File : BF098580.D
 Acq On : 15 Sep 2017 20:32
 Operator : SJ/JU
 Sample : I5229-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UT5400S18

Quant Time: Sep 16 03:36:12 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

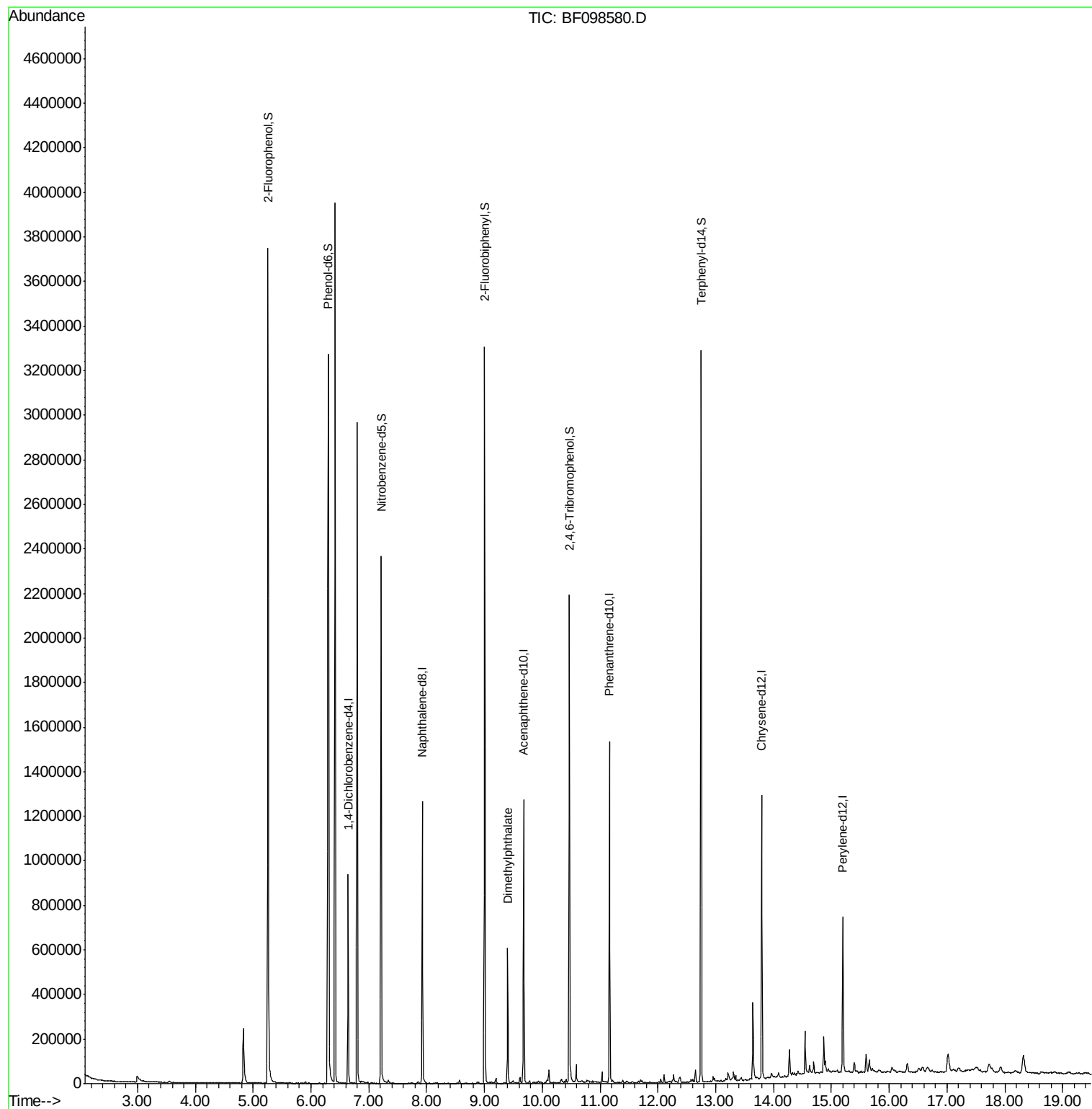
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	136691	20.00	ng	-0.03
21) Naphthalene-d8	7.93	136	552749	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	262384	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	507410	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	378618	20.00	ng	-0.02
86) Perylene-d12	15.20	264	281106	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1044644	112.99	ng	-0.02
7) Phenol-d6	6.30	99	1311047	111.69	ng	-0.02
23) Nitrobenzene-d5	7.22	82	794828	80.17	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	248989	142.18	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	988692	63.87	ng	-0.03
78) Terphenyl-d14	12.75	244	1019896	58.14	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.40	163	231630	11.404	ng	98

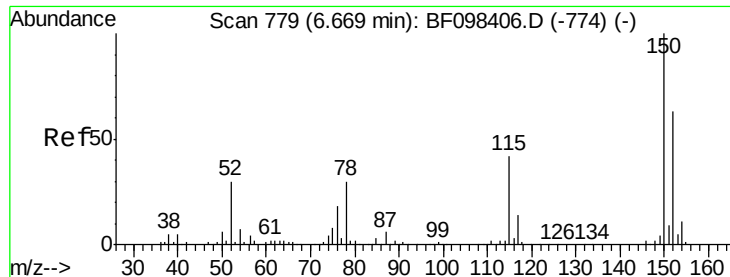
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.03 min

Lab File: BF098580.D

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UT5400S18

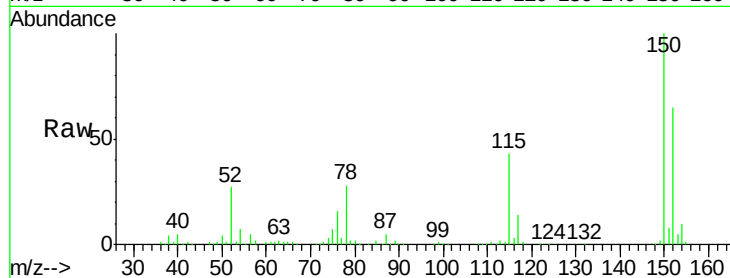
Tgt Ion:152 Resp: 136691

Ion Ratio Lower Upper

152 100

150 153.7 126.2 189.2

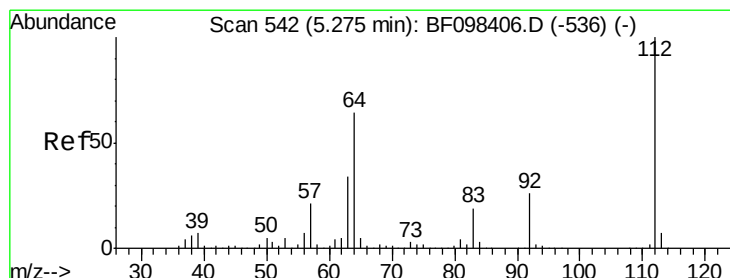
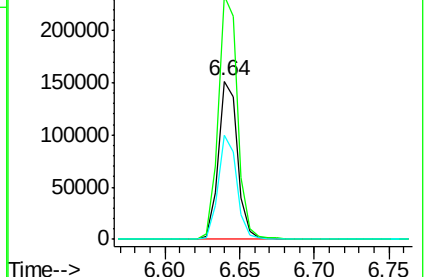
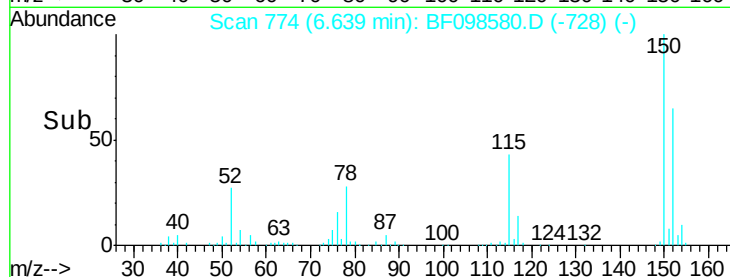
115 65.7 52.2 78.2



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: 112.994 ng

RT: 5.26 min Scan# 539

Delta R.T. -0.02 min

Lab File: BF098580.D

Acq: 15 Sep 2017 20:32

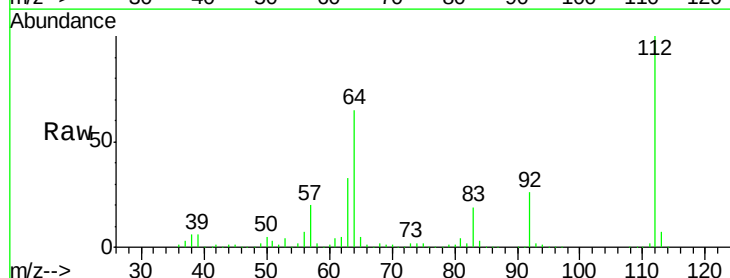
Tgt Ion:112 Resp: 1044644

Ion Ratio Lower Upper

112 100

64 64.6 46.0 69.0

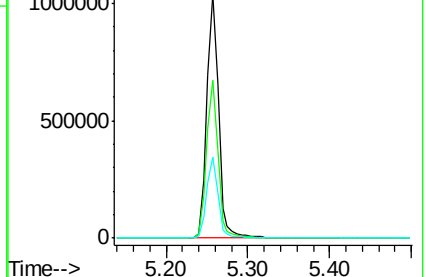
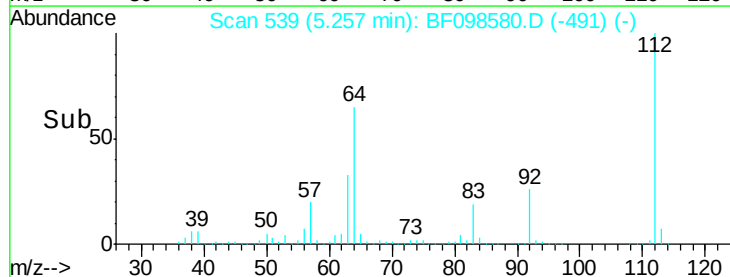
63 33.3 23.4 35.0

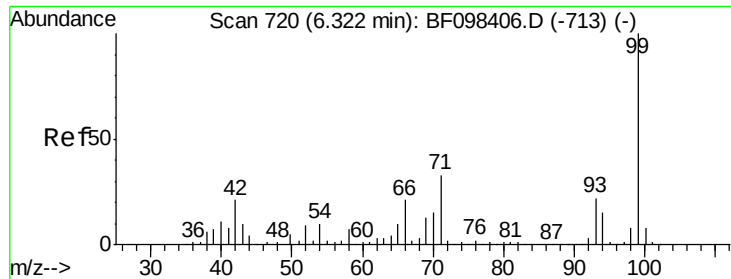


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 111.691 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BF098580.D

Acq: 15 Sep 2017 20:32

Instrument :

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UT5400S18

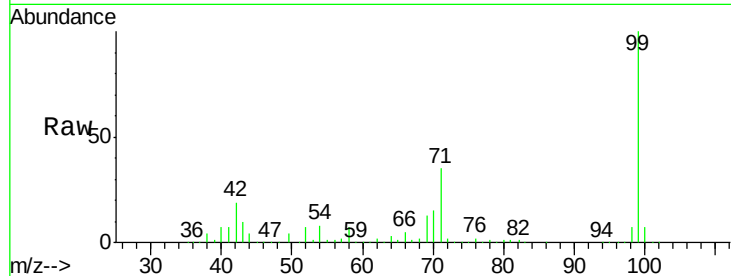
Tgt Ion: 99 Resp: 1311047

Ion Ratio Lower Upper

99 100

42 18.7 13.5 20.3

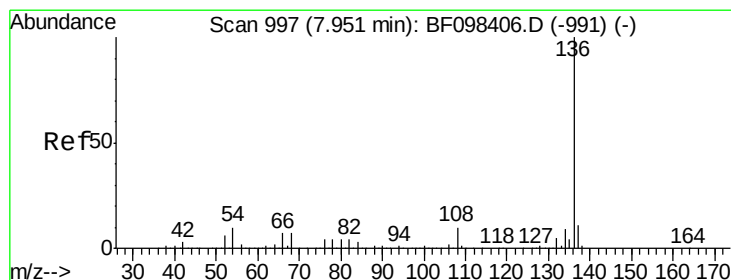
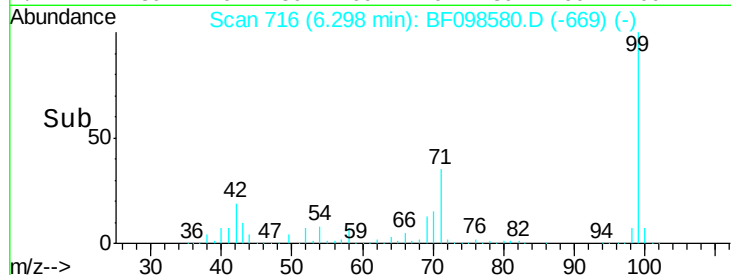
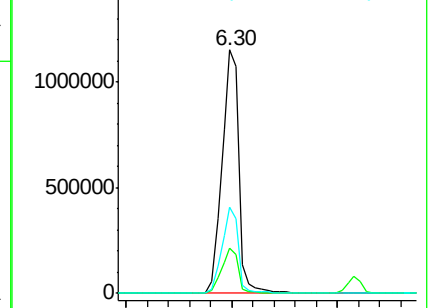
71 35.4 24.5 36.7



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: 7.93 min Scan# 993

Delta R.T. -0.02 min

Lab File: BF098580.D

Acq: 15 Sep 2017 20:32

Tgt Ion: 136 Resp: 552749

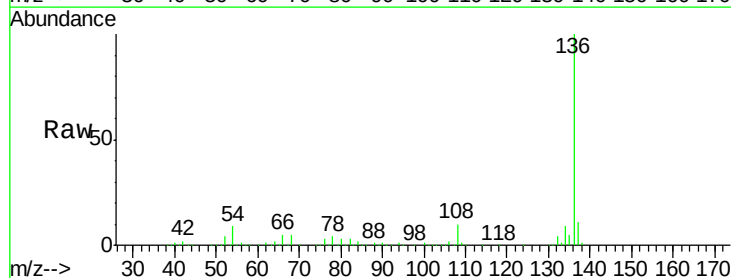
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 8.9 4.9 7.3#

68 5.4 4.1 6.1

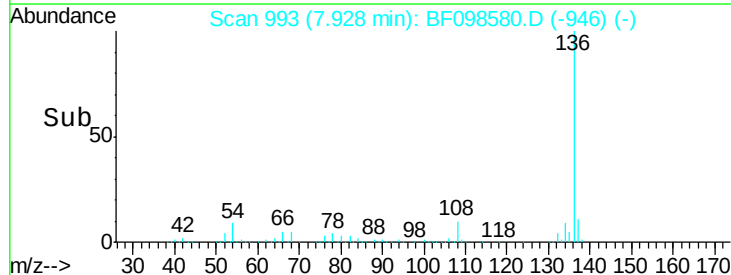
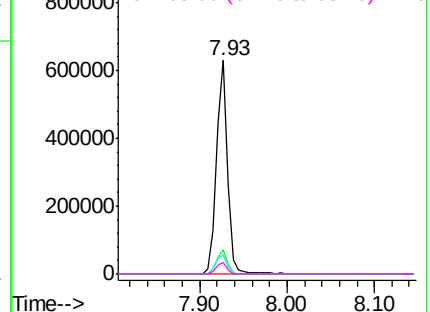


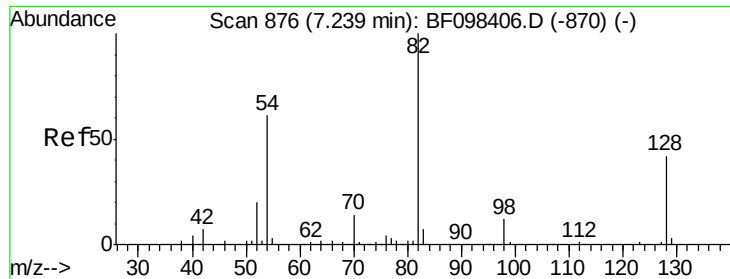
Abundance Ion 136.00 (135.70 to 136.70): E

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

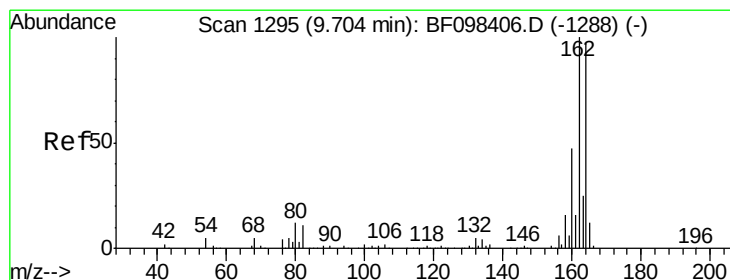
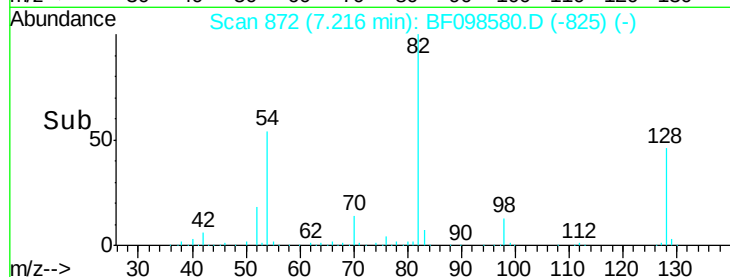
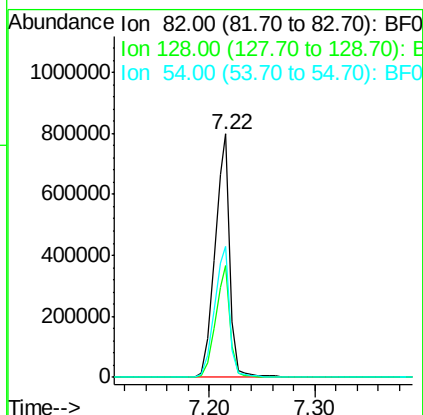
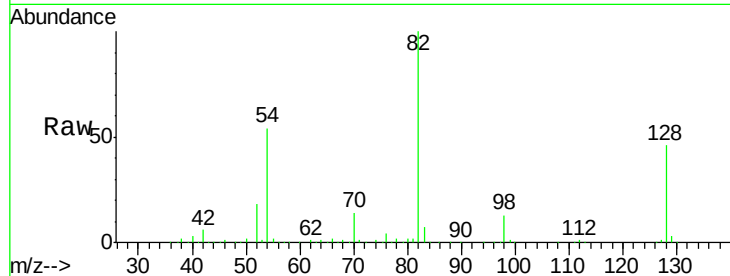




#23
 Nitrobenzene-d5
 Concen: 80.165 ng
 RT: 7.22 min Scan# 872
 Delta R.T. -0.02 min
 Lab File: BF098580.D
 Acq: 15 Sep 2017 20:32

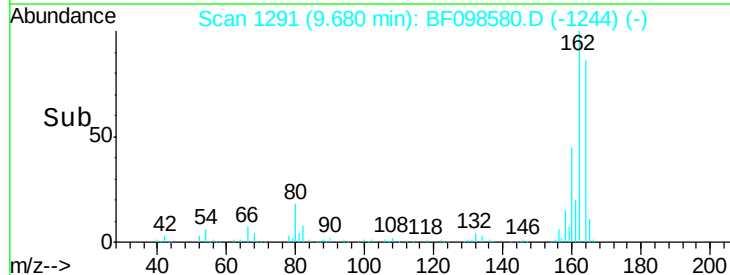
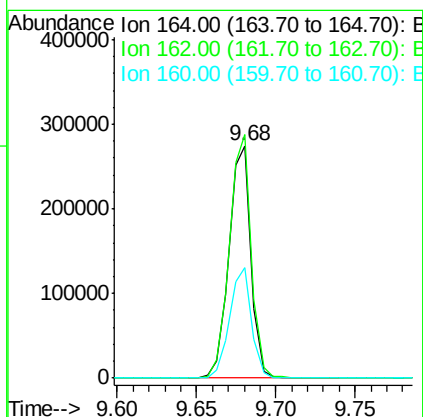
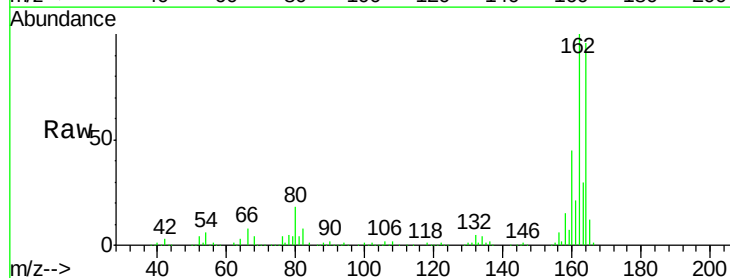
Instrument :
 BNA_F
 ClientSampleId :
 UT5400S18

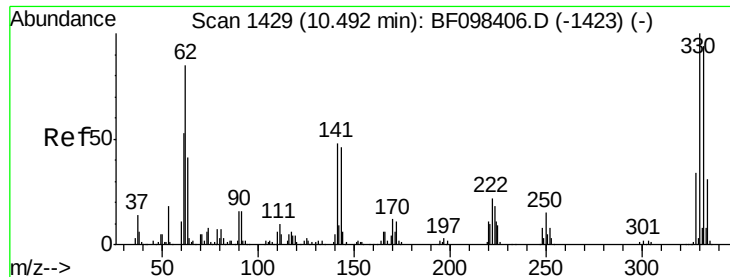
Tgt Ion: 82 Resp: 794828
 Ion Ratio Lower Upper
 82 100
 128 46.0 34.0 51.0
 54 53.9 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.02 min
 Lab File: BF098580.D
 Acq: 15 Sep 2017 20:32

Tgt Ion: 164 Resp: 262384
 Ion Ratio Lower Upper
 164 100
 162 104.7 82.6 123.8
 160 47.6 36.2 54.2

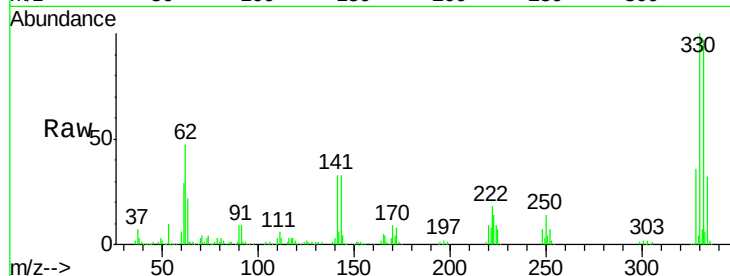




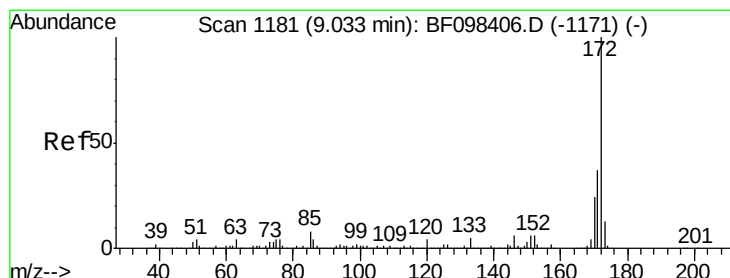
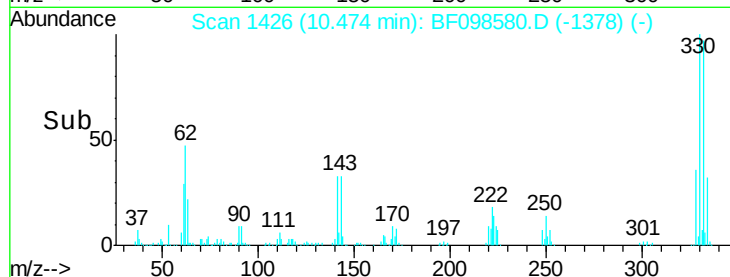
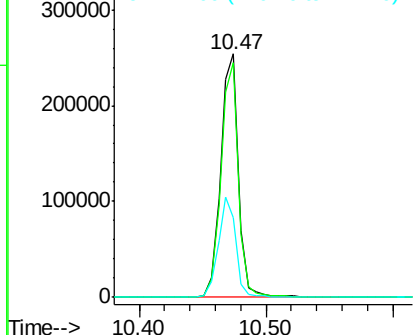
#41
 2,4,6-Tribromophenol
 Concen: 142.182 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.02 min
 Lab File: BF098580.D
 Acq: 15 Sep 2017 20:32

Instrument :
 BNA_F
 ClientSampleId :
 UT5400S18

Tgt Ion:330 Resp: 248989
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 115.0
 141 41.0 31.4 47.2

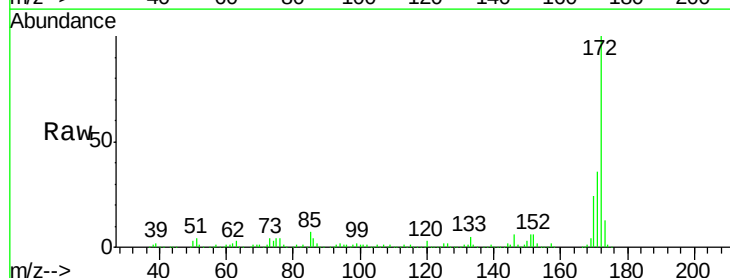


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

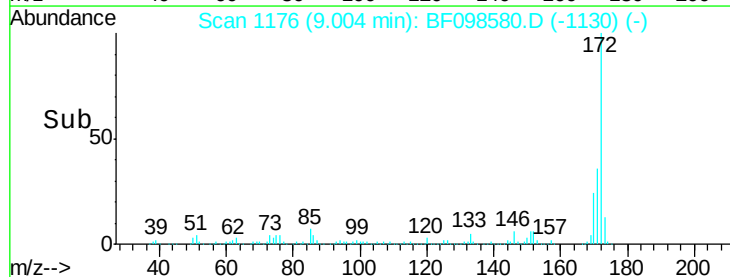
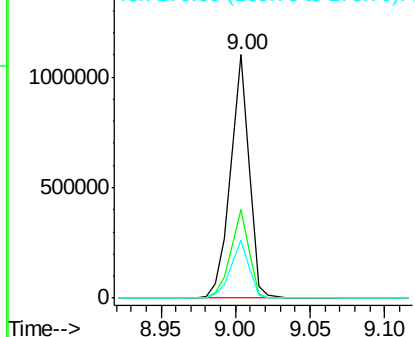


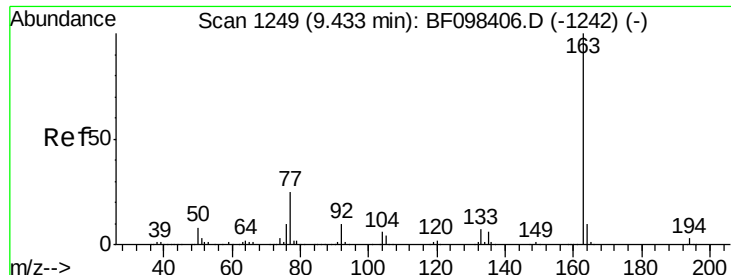
#44
 2-Fluorobiphenyl
 Concen: 63.866 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.03 min
 Lab File: BF098580.D
 Acq: 15 Sep 2017 20:32

Tgt Ion:172 Resp: 988692
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 23.6 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

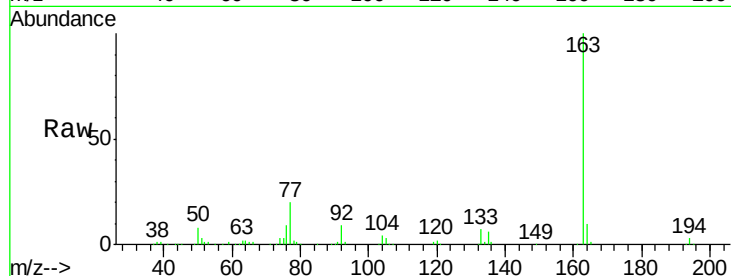




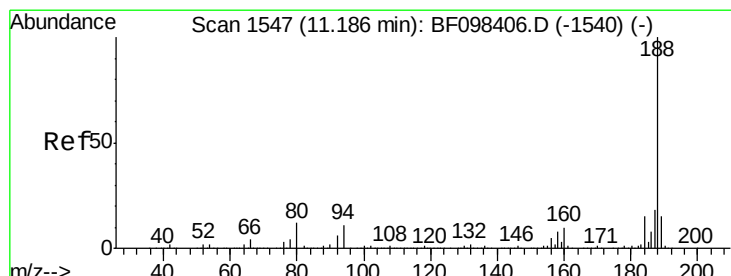
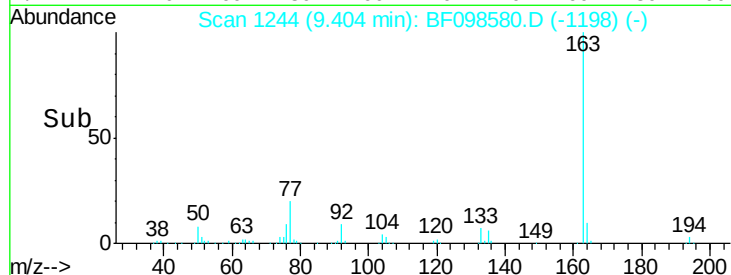
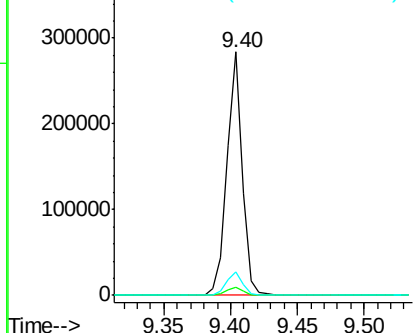
#49
Dimethylphthalate
Concen: 11.404 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.03 min
Lab File: BF098580.D
Acq: 15 Sep 2017 20:32

Instrument :
BNA_F
ClientSampleId :
UT5400S18

Tgt Ion:163 Resp: 231630
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.7 8.4 12.6

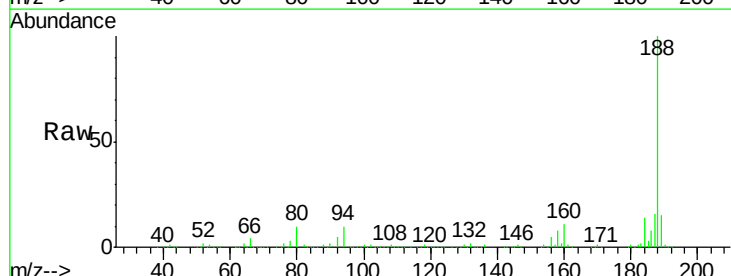


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

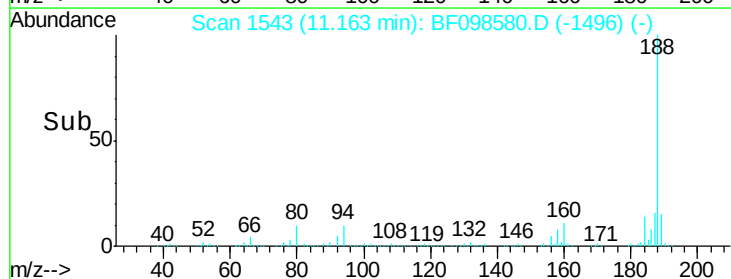
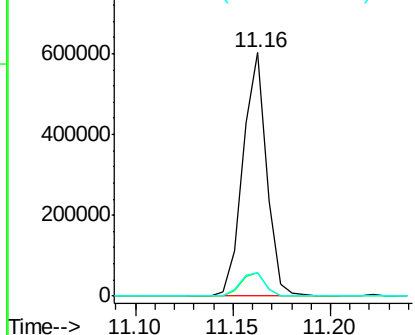


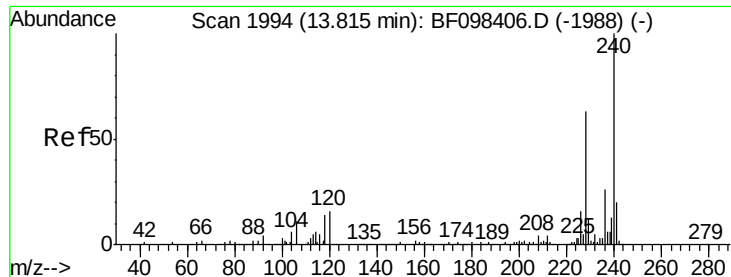
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.02 min
Lab File: BF098580.D
Acq: 15 Sep 2017 20:32

Tgt Ion:188 Resp: 507410
Ion Ratio Lower Upper
188 100
94 9.5 9.4 14.2
80 9.9 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: 20.000 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.02 min

Lab File: BF098580.D

Acq: 15 Sep 2017 20:32

Instrument :

BNA_F

ClientSampleId :

UT5400S18

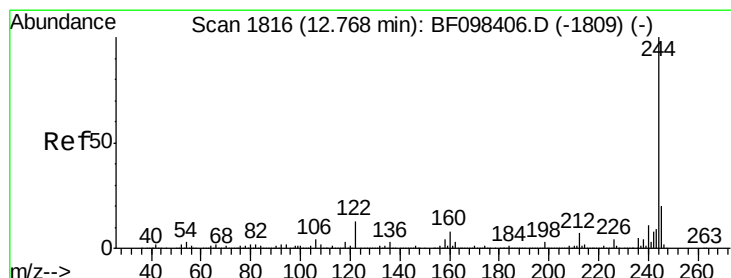
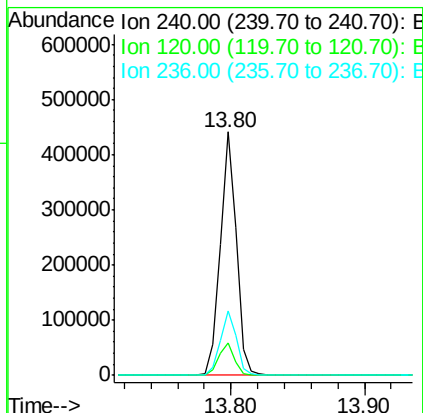
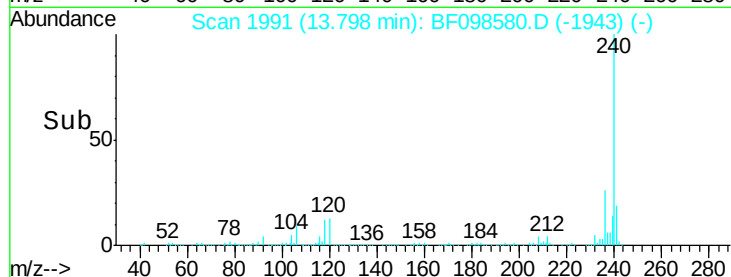
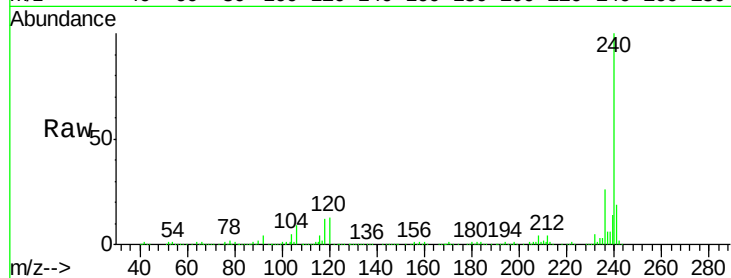
Tgt Ion:240 Resp: 378618

Ion Ratio Lower Upper

240 100

120 13.3 5.8 8.8#

236 26.3 20.5 30.7



#78

Terphenyl-d14

Concen: 58.143 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BF098580.D

Acq: 15 Sep 2017 20:32

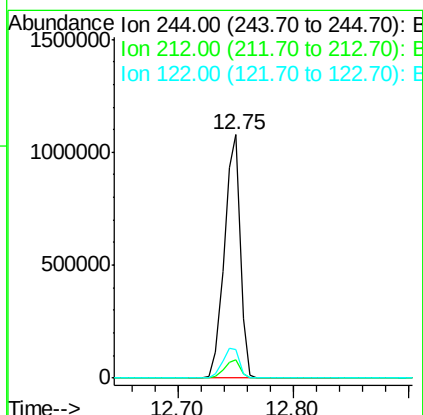
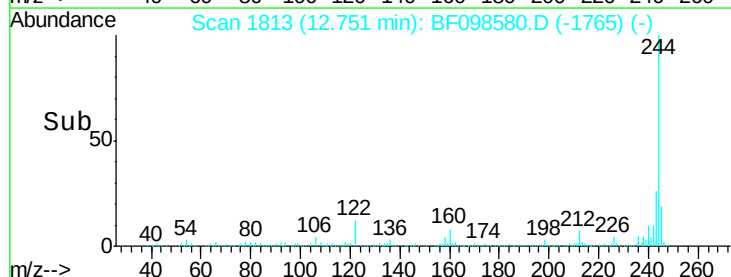
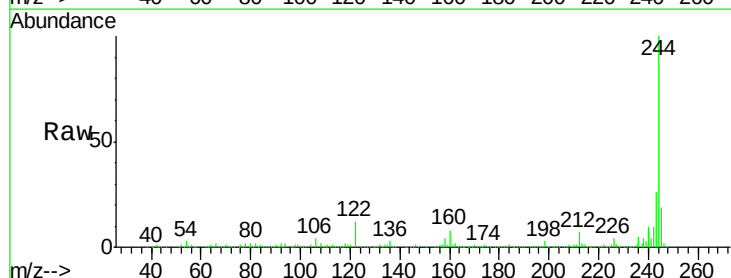
Tgt Ion:244 Resp: 1019896

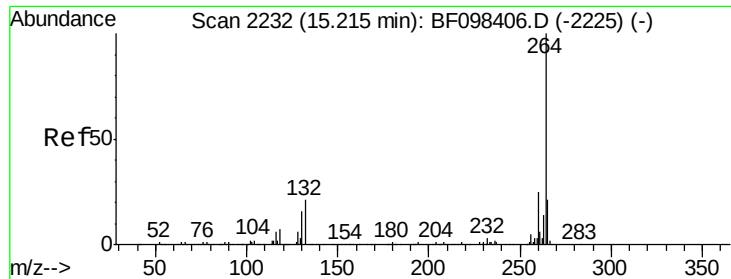
Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 11.6 10.3 15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BF098580.D
Acq: 15 Sep 2017 20:32

Instrument :
BNA_F
ClientSampleId :
UT5400S18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.4	17.2	25.8

