

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
 Data File : BF081572.D
 Acq On : 10 Sep 2015 17:52
 Operator : UM/IZ
 Sample : G3497-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1

Quant Time: Sep 11 01:15:35 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 11 00:38:02 2015
 Response via : Initial Calibration

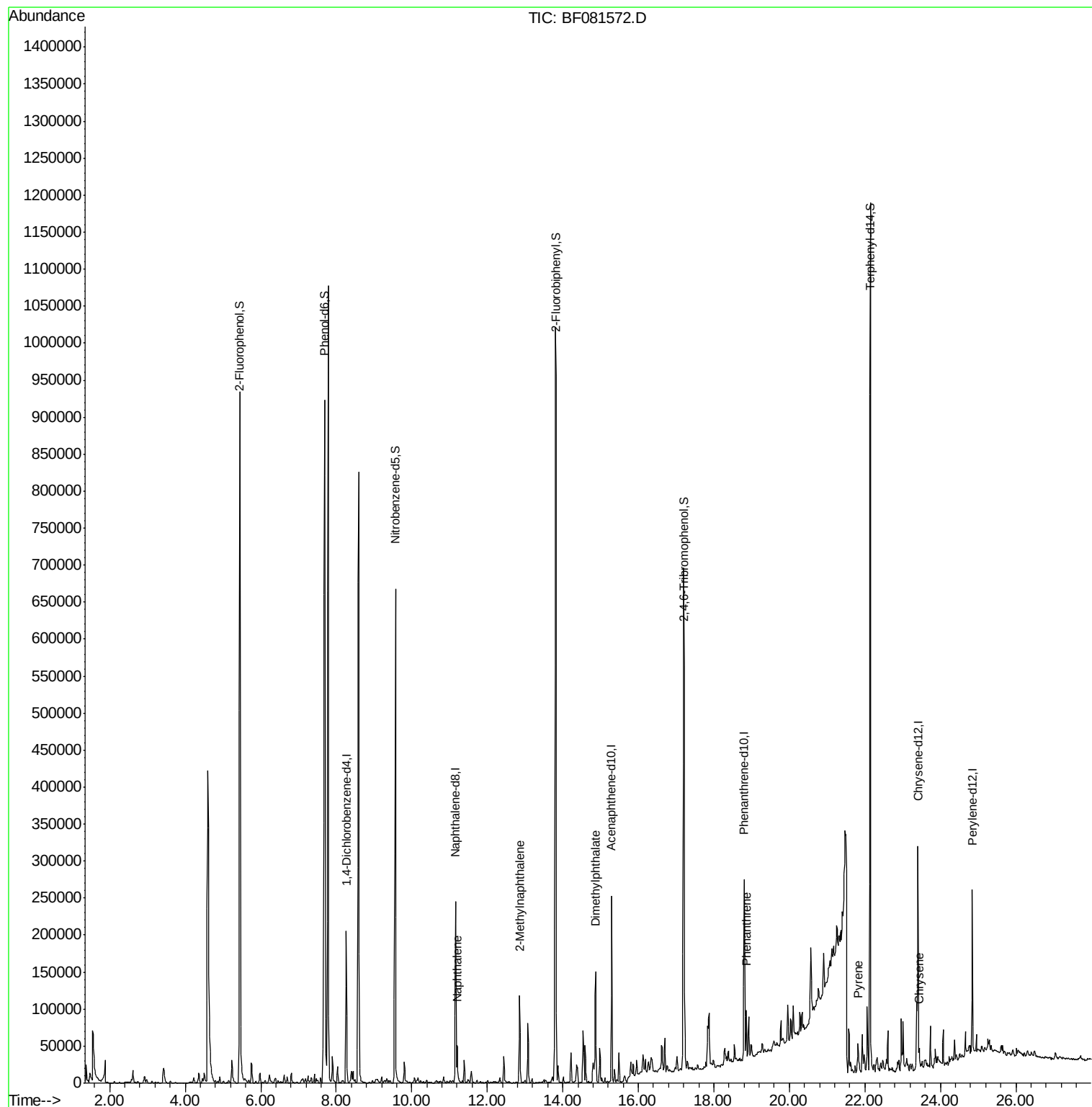
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	49145	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	193247	20.00	ng	-0.01
38) Acenaphthene-d10	15.29	164	90187	20.00	ng	-0.01
63) Phenanthrene-d10	18.80	188	179472	20.00	ng	-0.01
75) Chrysene-d12	23.41	240	105817	20.00	ng	-0.01
86) Perylene-d12	24.85	264	81855	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	458063	144.61	ng	0.03
7) Phenol-d6	7.69	99	657328	156.78	ng	0.00
23) Nitrobenzene-d5	9.57	82	412799	103.06	ng	0.00
41) 2,4,6-Tribromophenol	17.21	330	124098	154.54	ng	0.00
44) 2-Fluorobiphenyl	13.82	172	649043	92.22	ng	0.00
78) Terphenyl-d14	22.15	244	499658	109.92	ng	0.00
Target Compounds						
31) Naphthalene	11.21	128	44031	4.27	ng	Qvalue 100
37) 2-Methylnaphthalene	12.86	142	41415	6.18	ng	# 90
49) Dimethylphthalate	14.87	163	97357	13.89	ng	# 96
70) Phenanthrene	18.86	178	45059	4.52	ng	97
77) Pyrene	21.82	202	18176	2.32	ng	97
82) Chrysene	23.44	228	12364m	2.05	ng	

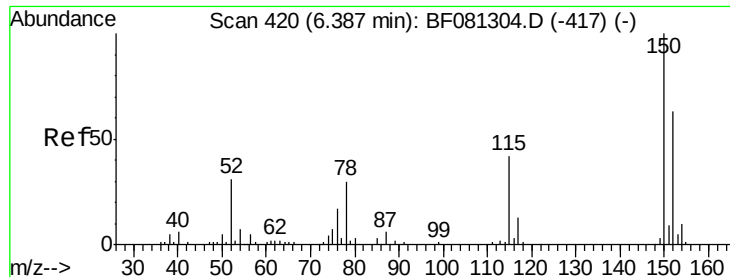
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.26 min Scan# 606

Delta R.T. -0.00 min

Lab File: BF081572.D

Acq: 10 Sep 2015 17:52

Instrument :

BNA_F

ClientSampleId :

B1

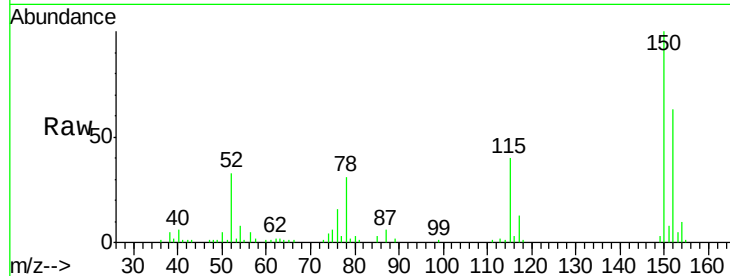
Tgt Ion:152 Resp: 49145

Ion Ratio Lower Upper

152 100

150 159.5 124.7 187.1

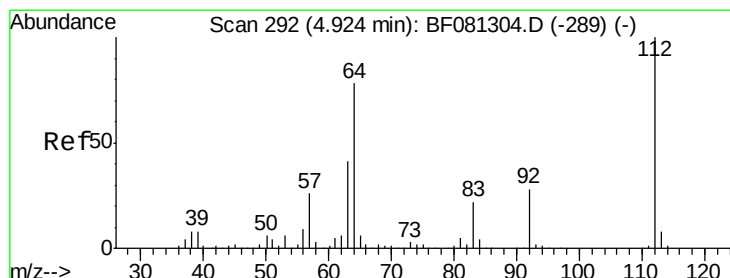
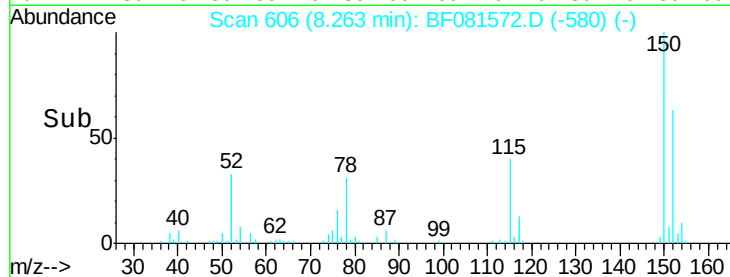
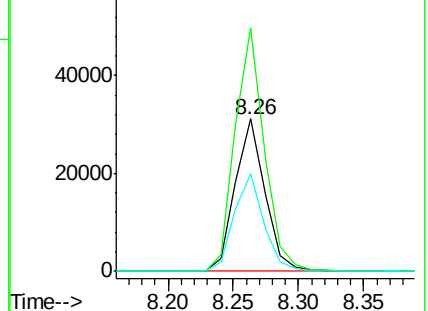
115 64.4 39.0 58.4#



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: 144.61 ng

RT: 5.45 min Scan# 360

Delta R.T. 0.03 min

Lab File: BF081572.D

Acq: 10 Sep 2015 17:52

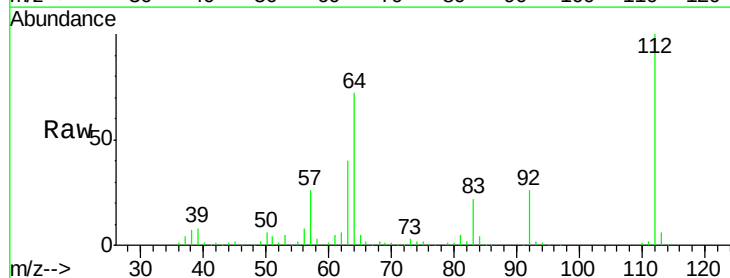
Tgt Ion:112 Resp: 458063

Ion Ratio Lower Upper

112 100

64 72.3 39.7 59.5#

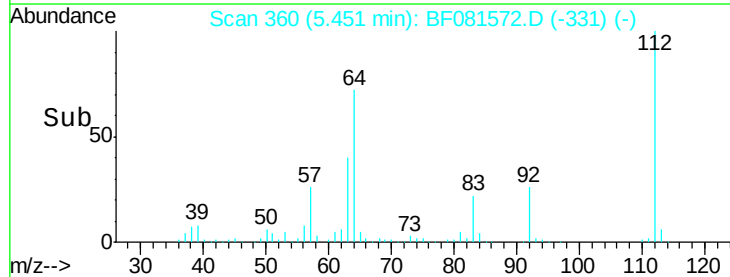
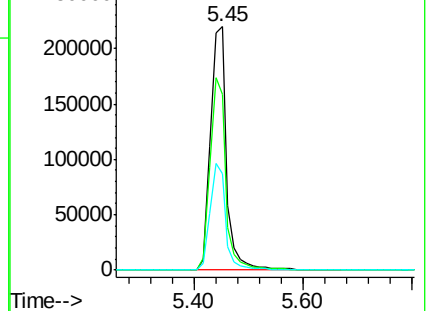
63 39.8 17.4 26.0#

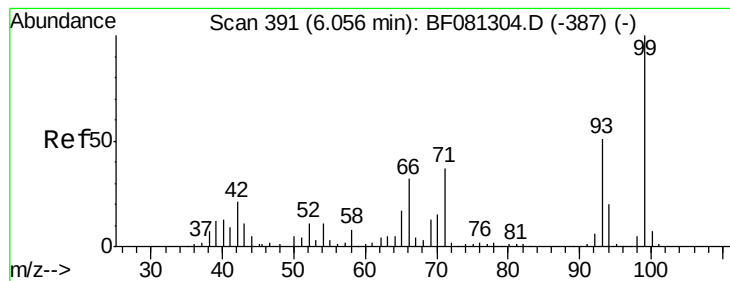


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 156.78 ng

RT: 7.69 min Scan# 556

Delta R.T. -0.00 min

Lab File: BF081572.D

Acq: 10 Sep 2015 17:52

Instrument :

BNA_F

ClientSampleId :

B1

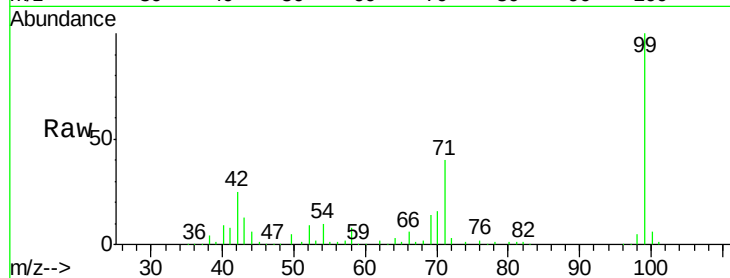
Tgt Ion: 99 Resp: 657328

Ion Ratio Lower Upper

99 100

42 25.1 13.7 20.5#

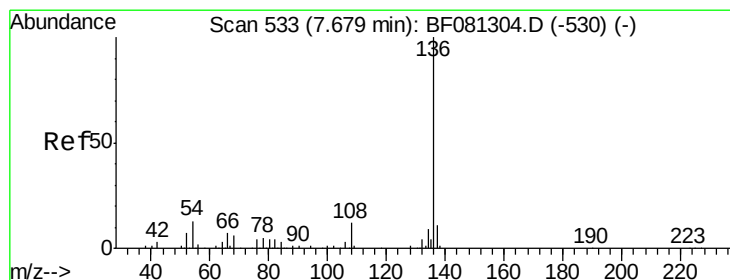
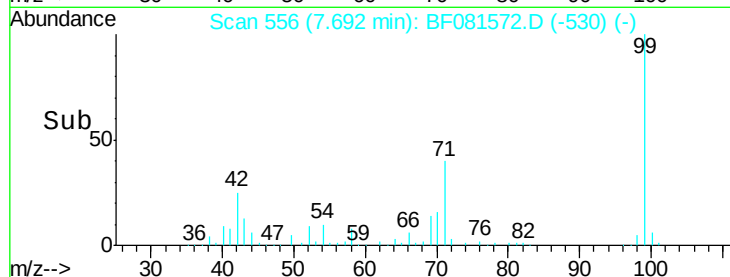
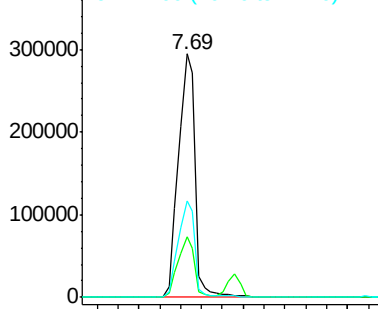
71 39.8 14.2 21.2#



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: 20.00 ng

RT: 11.15 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF081572.D

Acq: 10 Sep 2015 17:52

Tgt Ion: 136 Resp: 193247

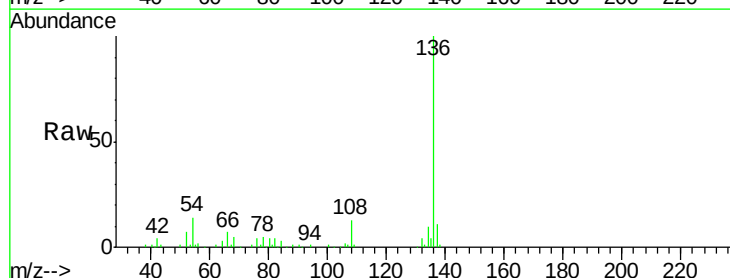
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 13.6 8.2 12.2#

68 5.2 5.8 8.6#

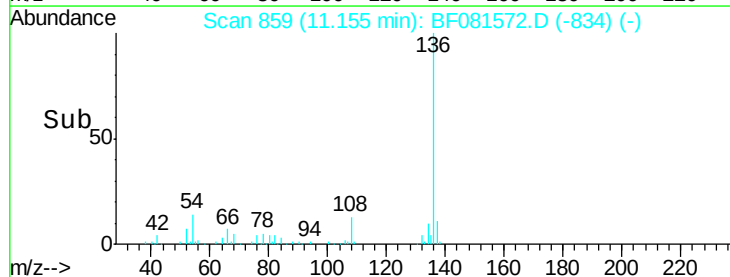
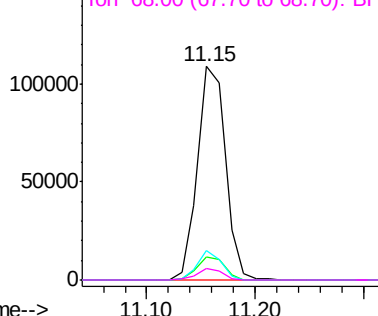


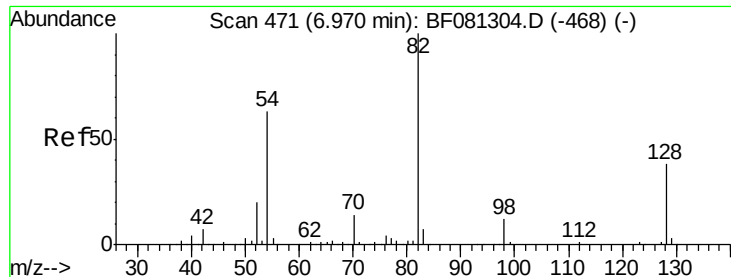
Abundance Ion 136.00 (135.70 to 136.70): E

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

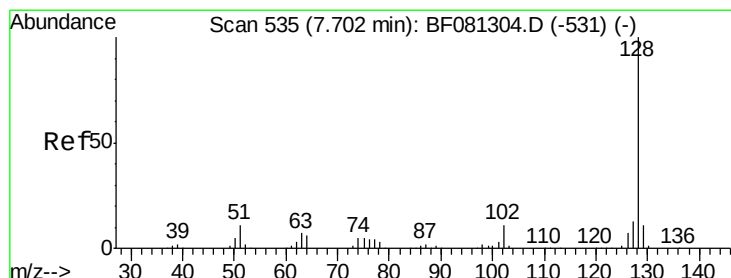
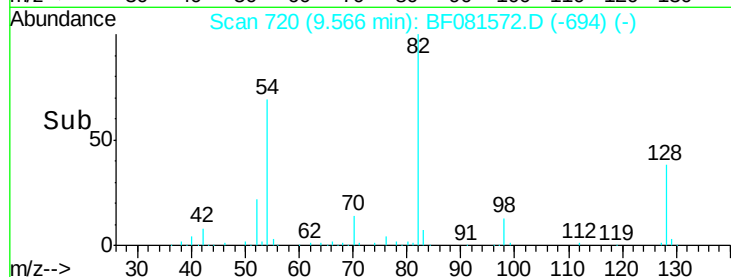
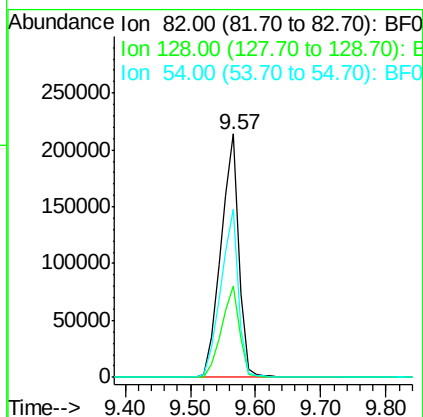
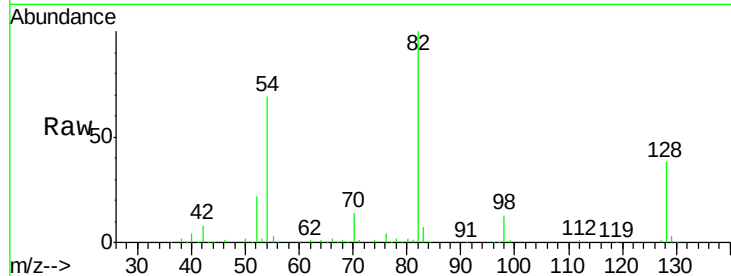




#23
 Nitrobenzene-d5
 Concen: 103.06 ng
 RT: 9.57 min Scan# 720
 Delta R.T. -0.00 min
 Lab File: BF081572.D
 Acq: 10 Sep 2015 17:52

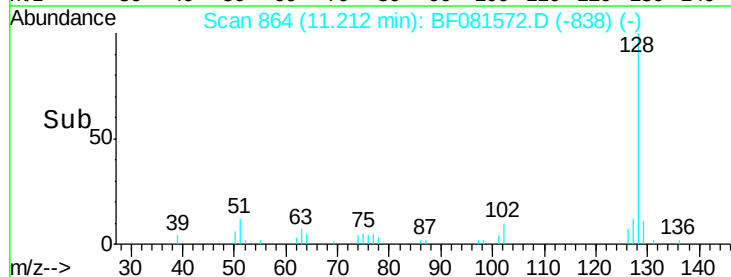
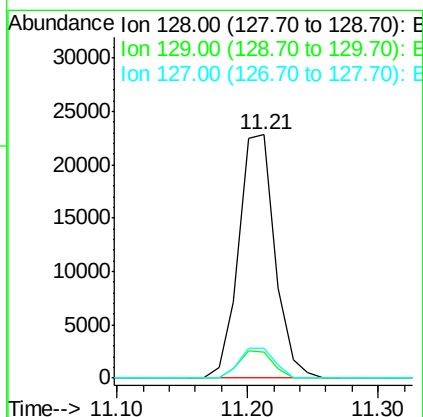
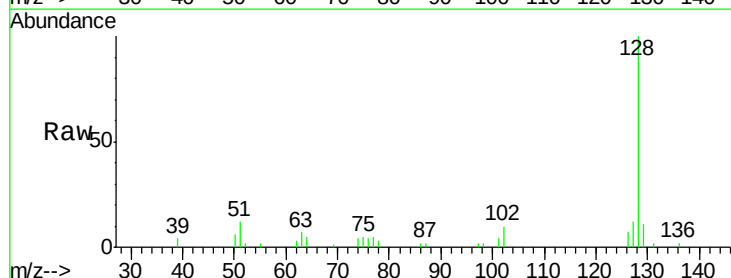
Instrument :
 BNA_F
 ClientSampled :
 B1

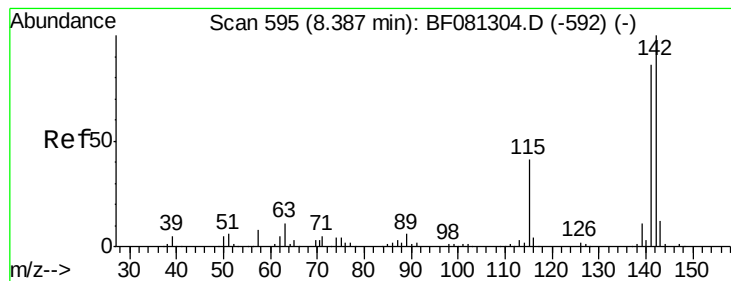
Tgt Ion: 82 Resp: 412799
 Ion Ratio Lower Upper
 82 100
 128 37.7 51.0 76.6#
 54 69.0 47.5 71.3



#31
 Naphthalene
 Concen: 4.27 ng
 RT: 11.21 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: BF081572.D
 Acq: 10 Sep 2015 17:52

Tgt Ion: 128 Resp: 44031
 Ion Ratio Lower Upper
 128 100
 129 10.6 8.4 12.6
 127 12.5 9.9 14.9





#37

2-Methylnaphthalene

Concen: 6.18 ng

RT: 12.86 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF081572.D

Acq: 10 Sep 2015 17:52

Instrument :

BNA_F

ClientSampleId :

B1

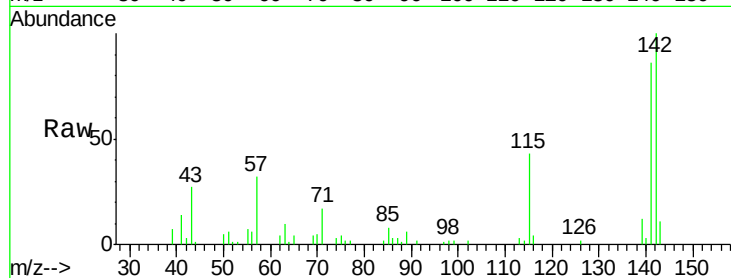
Tgt Ion:142 Resp: 41415

Ion Ratio Lower Upper

142 100

141 86.2 67.5 101.3

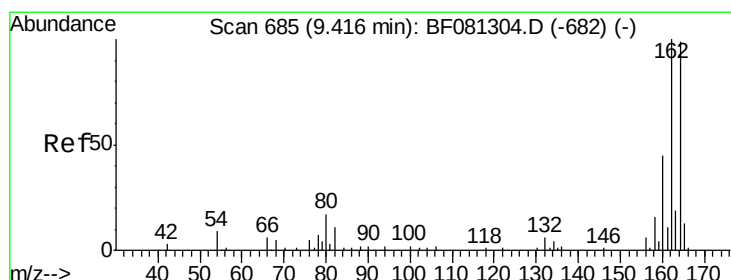
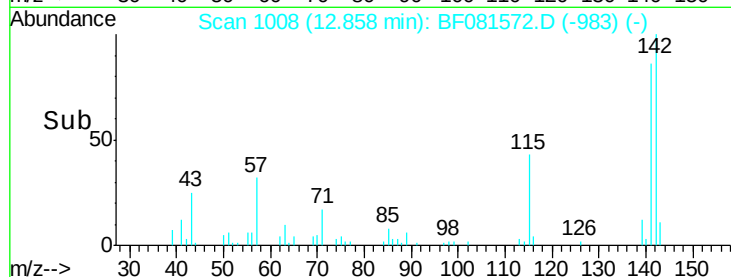
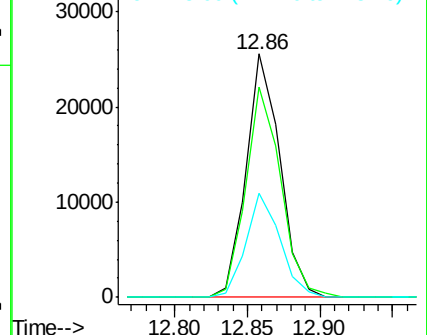
115 42.6 18.2 27.2#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.29 min Scan# 1221

Delta R.T. -0.01 min

Lab File: BF081572.D

Acq: 10 Sep 2015 17:52

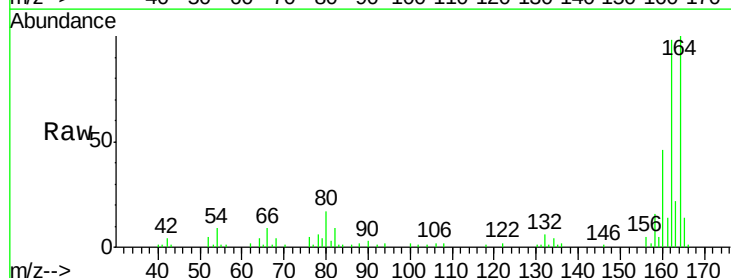
Tgt Ion:164 Resp: 90187

Ion Ratio Lower Upper

164 100

162 98.1 75.2 112.8

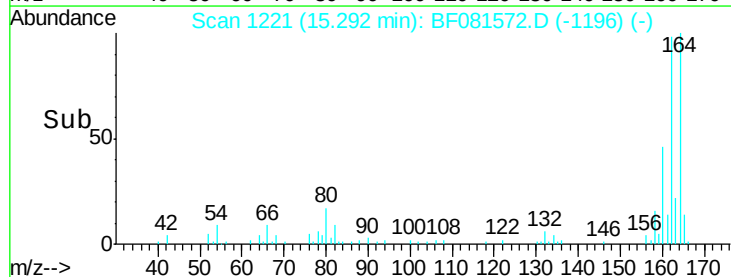
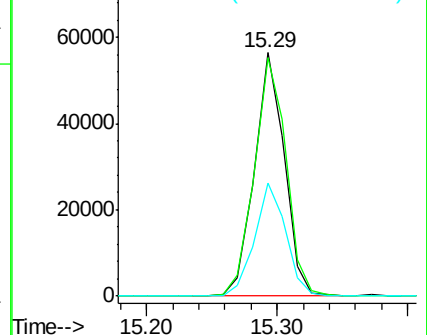
160 46.2 31.5 47.3

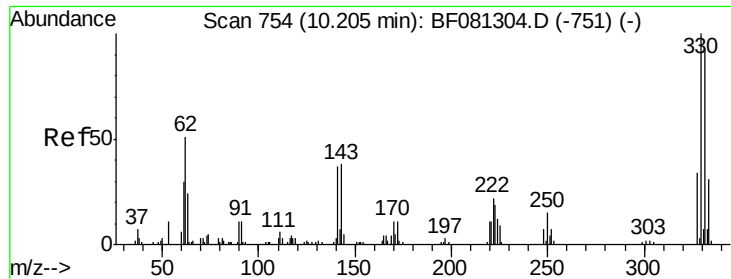


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

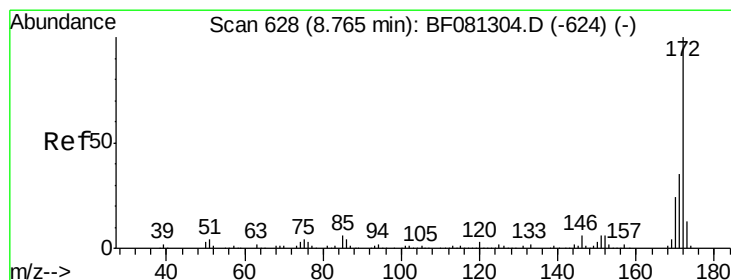
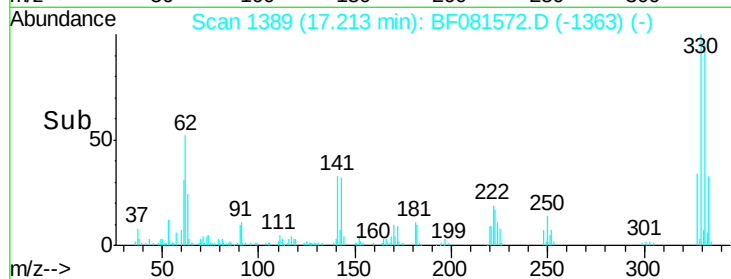
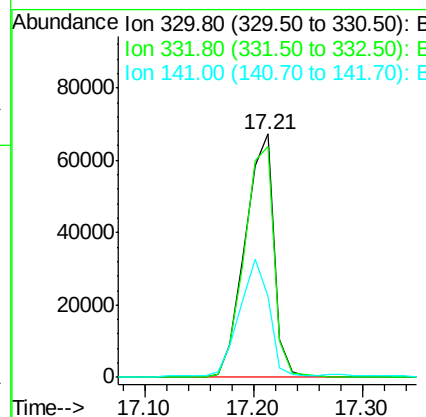
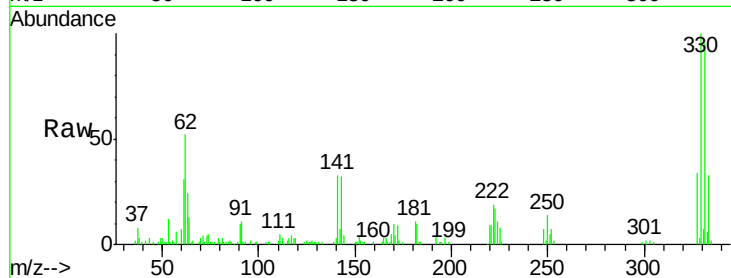




#41
 2,4,6-Tribromophenol
 Concen: 154.54 ng
 RT: 17.21 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BF081572.D
 Acq: 10 Sep 2015 17:52

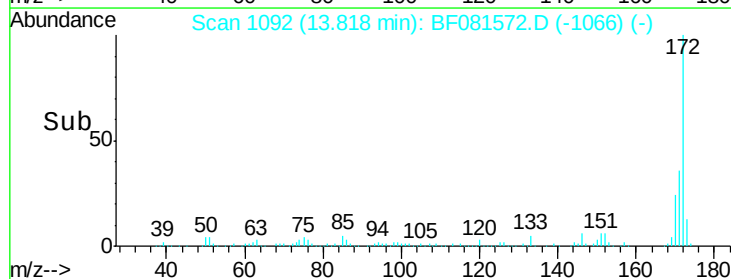
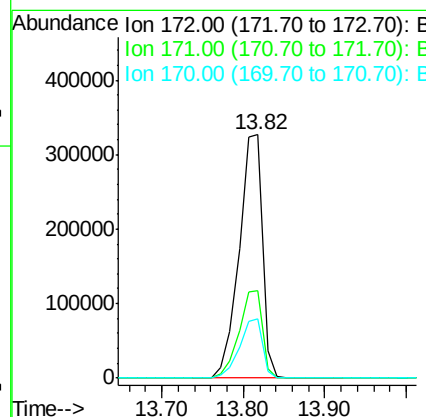
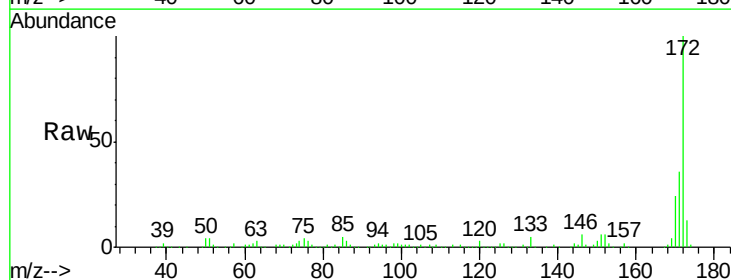
Instrument :
 BNA_F
 ClientSampled :
 B1

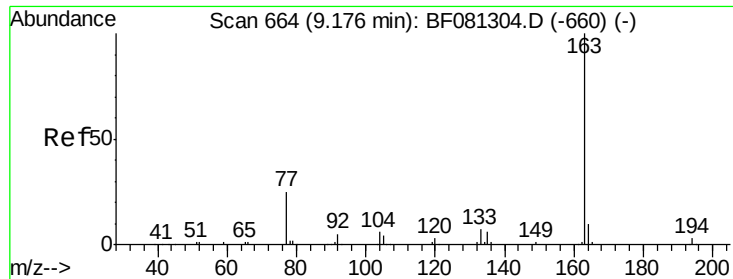
Tgt Ion:330 Resp: 124098
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 114.8
 141 51.1 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 92.22 ng
 RT: 13.82 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: BF081572.D
 Acq: 10 Sep 2015 17:52

Tgt Ion:172 Resp: 649043
 Ion Ratio Lower Upper
 172 100
 171 35.8 26.1 39.1
 170 24.4 17.4 26.2





#49

Dimethylphthalate

Concen: 13.89 ng

RT: 14.87 min Scan# 1184

Delta R.T. -0.03 min

Lab File: BF081572.D

Acq: 10 Sep 2015 17:52

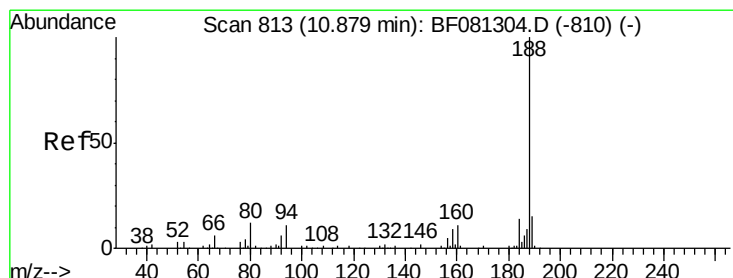
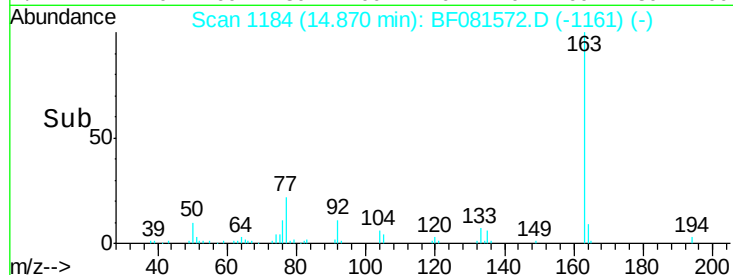
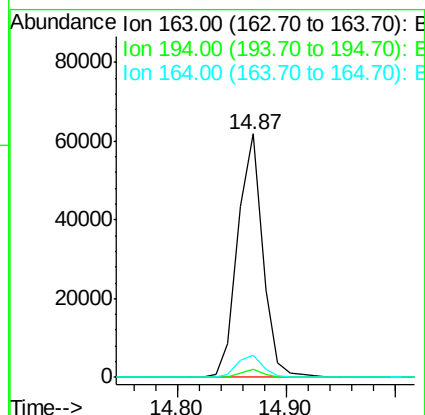
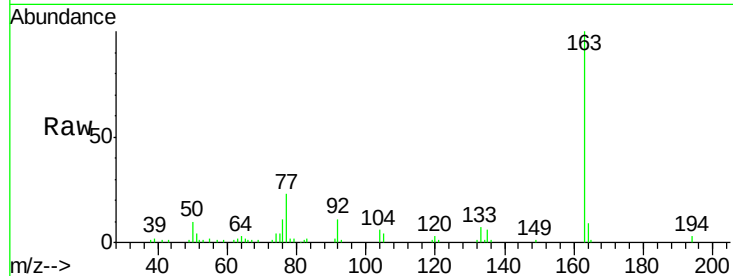
Instrument :

BNA_F

ClientSampleId :

B1

Tgt Ion:	163	Resp:	97357
Ion	Ratio	Lower	Upper
163	100		
194	3.2	4.4	6.6#
164	9.3	8.3	12.5



#63

Phenanthrene-d10

Concen: 20.00 ng

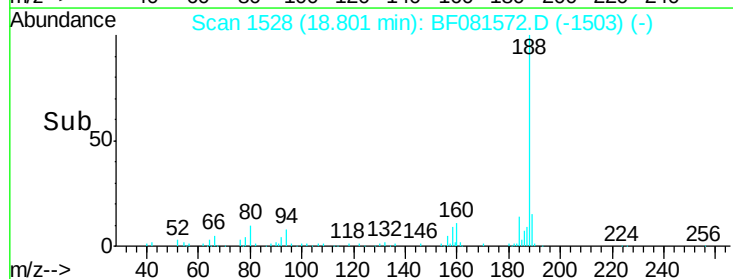
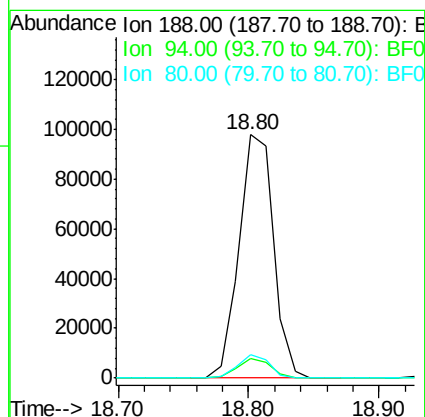
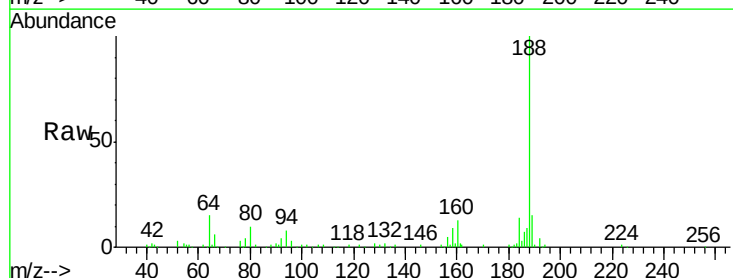
RT: 18.80 min Scan# 1528

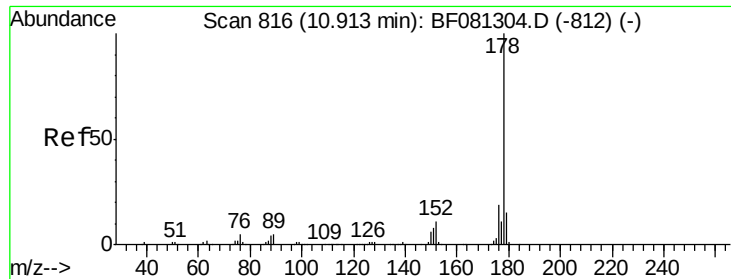
Delta R.T. -0.01 min

Lab File: BF081572.D

Acq: 10 Sep 2015 17:52

Tgt Ion:	188	Resp:	179472
Ion	Ratio	Lower	Upper
188	100		
94	8.3	11.1	16.7#
80	9.7	11.0	16.4#

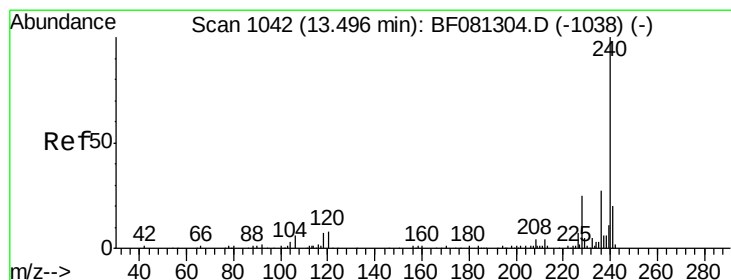
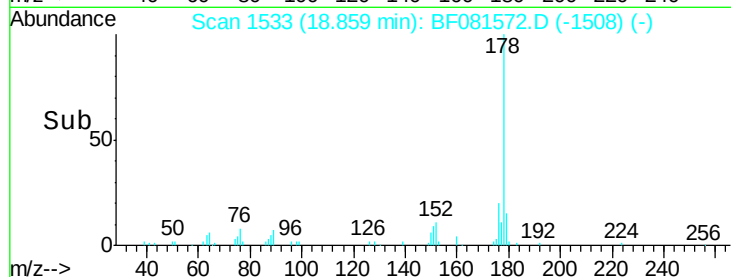
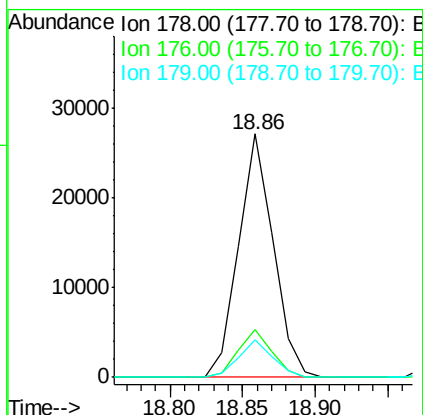
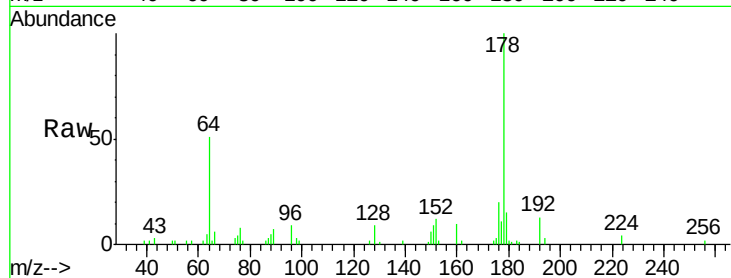




#70
Phenanthrene
Concen: 4.52 ng
RT: 18.86 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF081572.D
Acq: 10 Sep 2015 17:52

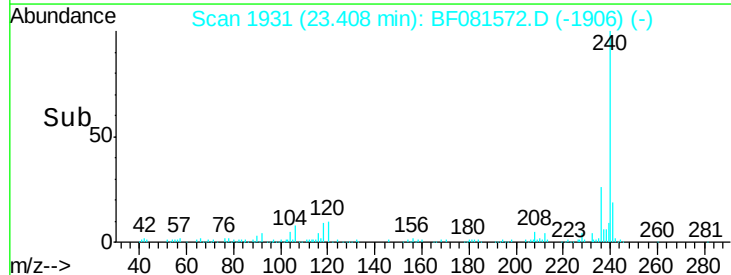
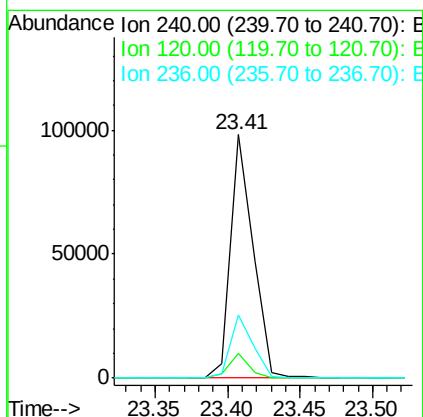
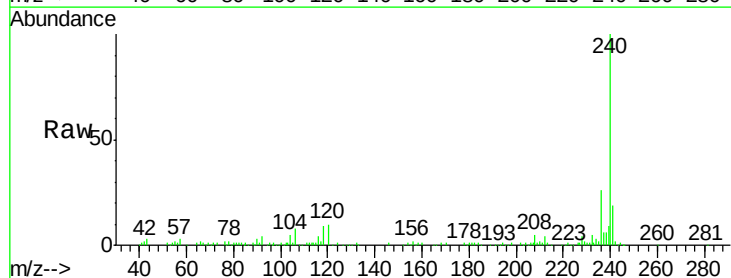
Instrument :
BNA_F
ClientSampleId :
B1

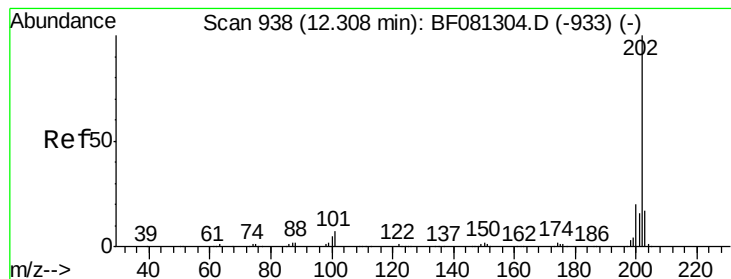
Tgt Ion:178 Resp: 45059
Ion Ratio Lower Upper
178 100
176 19.8 13.8 20.8
179 15.4 12.2 18.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.41 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BF081572.D
Acq: 10 Sep 2015 17:52

Tgt Ion:240 Resp: 105817
Ion Ratio Lower Upper
240 100
120 10.4 16.2 24.2#
236 26.0 18.4 27.6





#77

Pyrene

Concen: 2.32 ng

RT: 21.82 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BF081572.D

Acq: 10 Sep 2015 17:52

Instrument :

BNA_F

ClientSampleId :

B1

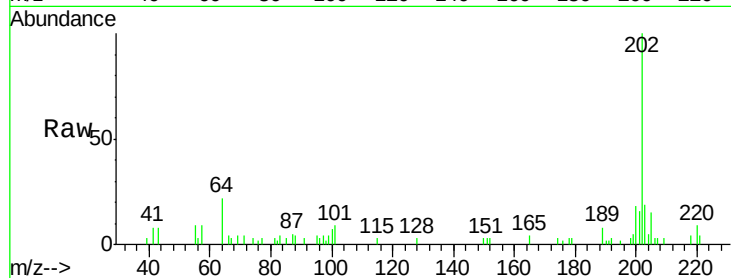
Tgt Ion: 202 Resp: 18176

Ion Ratio Lower Upper

202 100

200 17.5 15.0 22.4

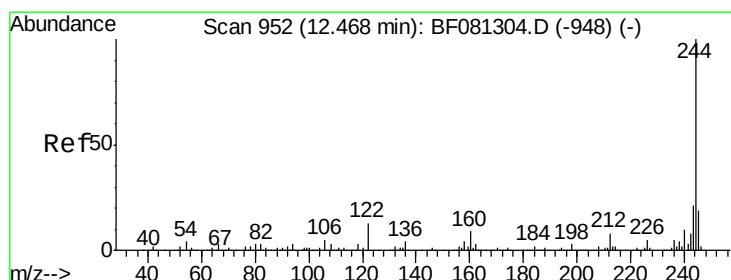
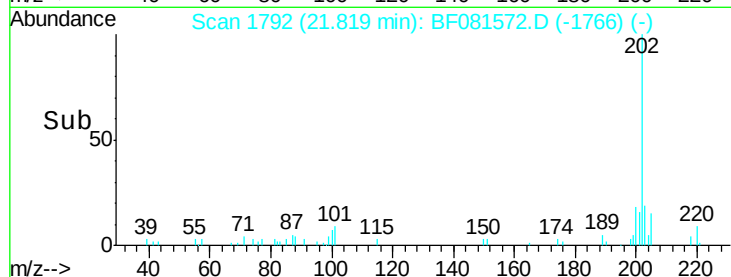
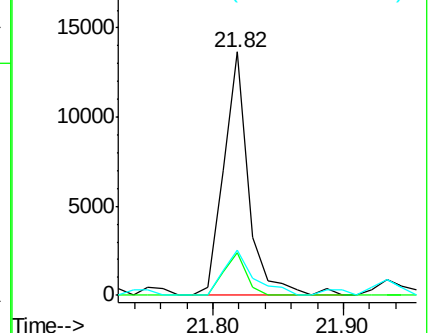
203 18.7 14.1 21.1



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: 109.92 ng

RT: 22.15 min Scan# 1821

Delta R.T. -0.00 min

Lab File: BF081572.D

Acq: 10 Sep 2015 17:52

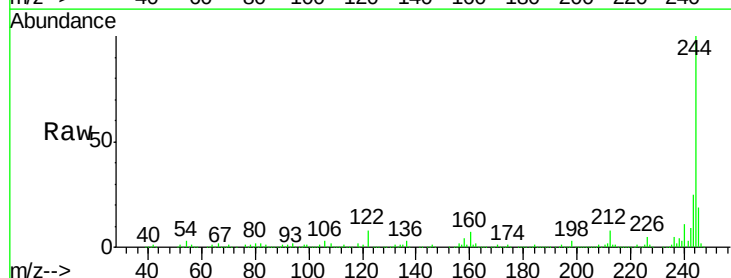
Tgt Ion: 244 Resp: 499658

Ion Ratio Lower Upper

244 100

212 7.6 4.3 6.5#

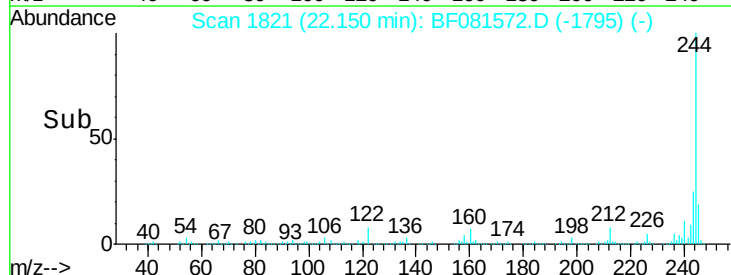
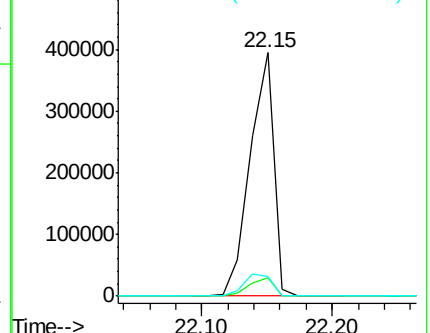
122 8.2 17.4 26.2#

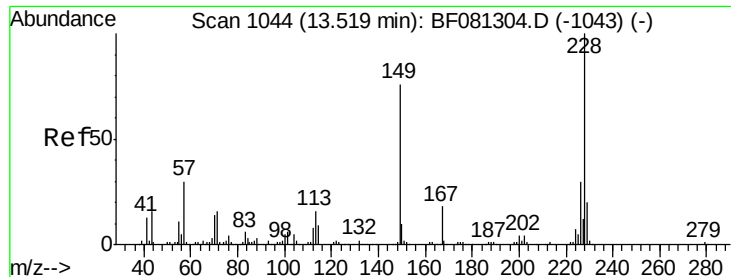


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

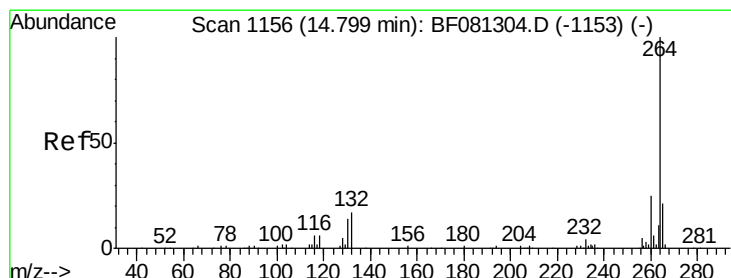
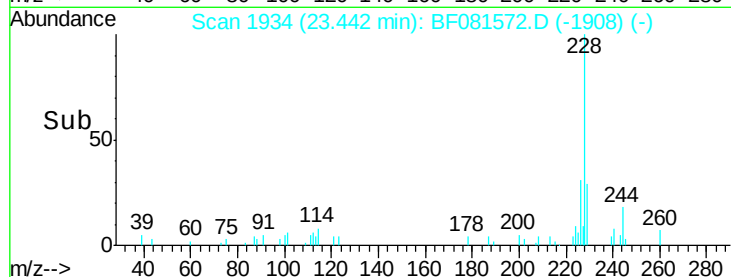
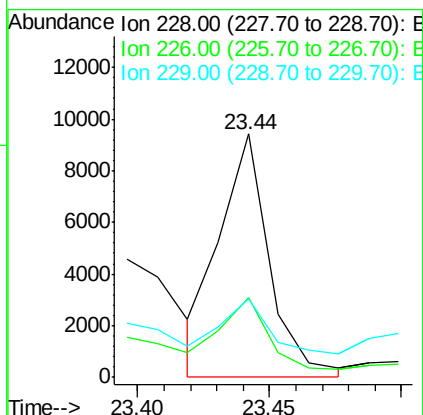
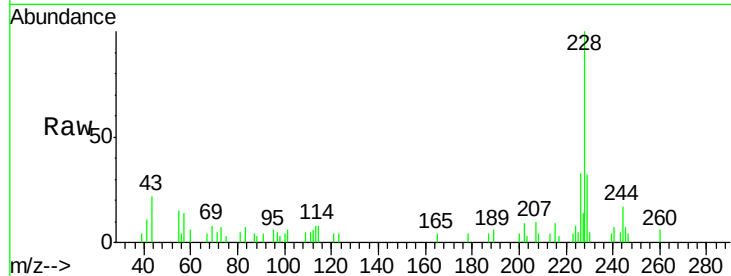




#82
Chrysene
Concen: 2.05 ng m
RT: 23.44 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BF081572.D
Acq: 10 Sep 2015 17:52

Instrument :
BNA_F
ClientSampleId :
B1

Tgt Ion: 228 Resp: 12364
Ion Ratio Lower Upper
228 100
226 32.7 21.0 31.4#
229 32.5 15.6 23.4#



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.85 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BF081572.D
Acq: 10 Sep 2015 17:52

Tgt Ion: 264 Resp: 81855
Ion Ratio Lower Upper
264 100
260 24.6 16.7 25.1
265 20.8 17.2 25.8

