

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110315\
 Data File : BF082661.D
 Acq On : 3 Nov 2015 15:26
 Operator : UM/IZ
 Sample : G4209-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GACMEDIA-151029

Quant Time: Nov 04 03:43:38 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	186847	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	747890	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	362688	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	722179	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	716073	20.00	ng	0.00
86) Perylene-d12	15.52	264	516667	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1548671	124.84	ng	0.02
7) Phenol-d6	6.51	99	1765460	107.12	ng	0.00
23) Nitrobenzene-d5	7.44	82	1348657	73.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	628771	158.41	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	2301246	90.09	ng	-0.01
78) Terphenyl-d14	13.00	244	2577934	78.79	ng	0.00

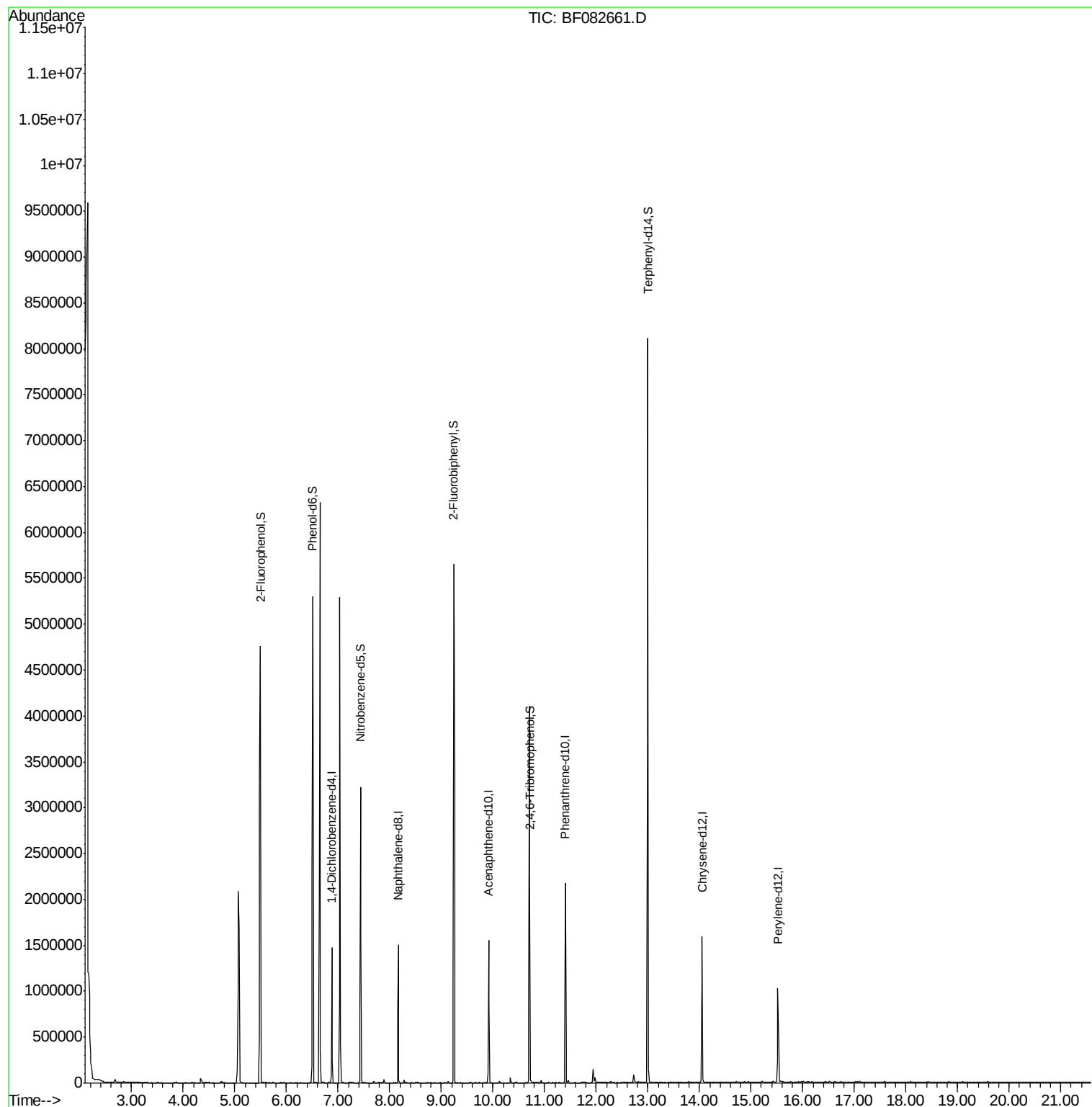
Target Compounds Qvalue

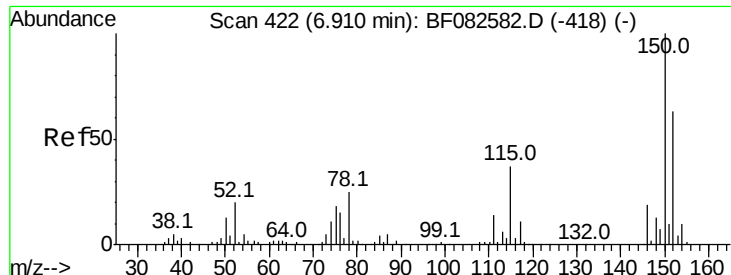
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF082661.D

Acq: 3 Nov 2015 15:26

Instrument :

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ClientSampleId :

GACMEDIA-151029

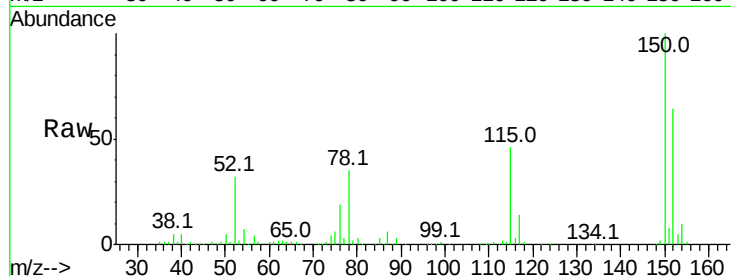
Tot Ion:152 Resp: 186847

Ion Ratio Lower Upper

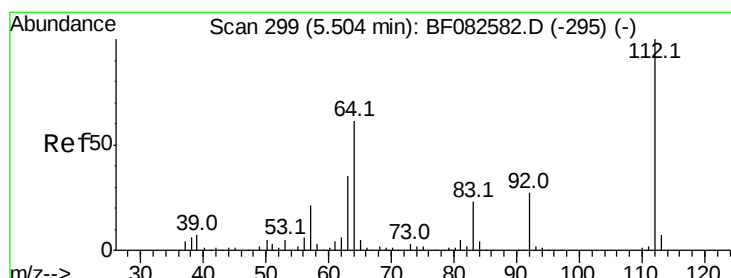
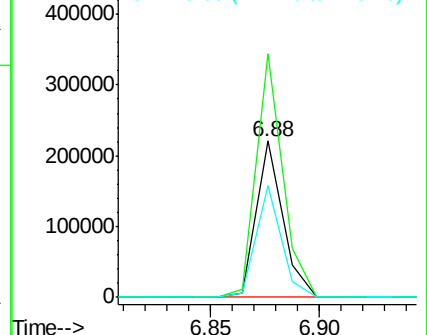
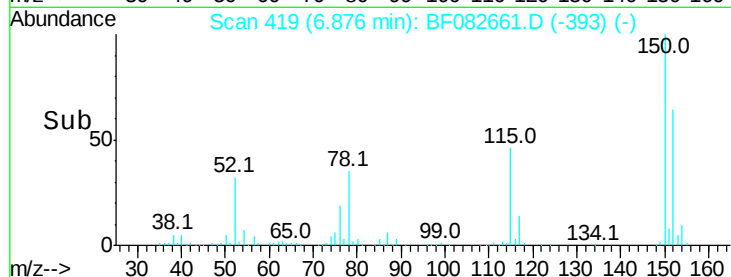
152 100

150 156.1 127.0 190.4

115 72.0 47.0 70.6#



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: 124.84 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.02 min

Lab File: BF082661.D

Acq: 3 Nov 2015 15:26

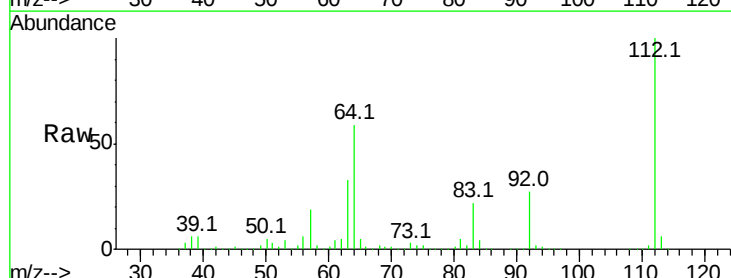
Tgt Ion:112 Resp: 1548671

Ion Ratio Lower Upper

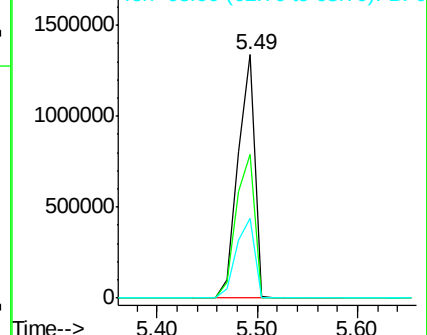
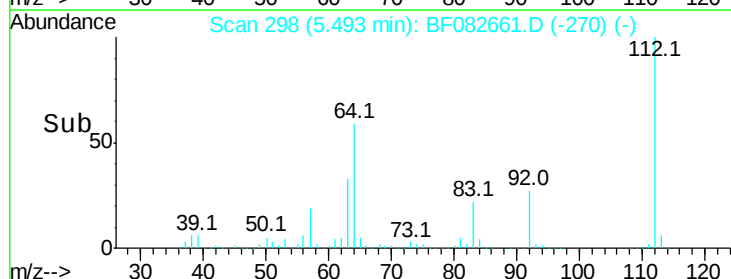
112 100

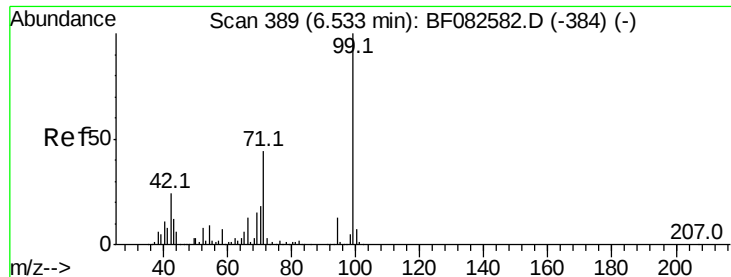
64 59.1 48.9 73.3

63 32.9 28.1 42.1



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: 107.12 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF082661.D

Acq: 3 Nov 2015 15:26

Instrument :

BNA_F

ClientSampleId :

GACMEDIA-151029

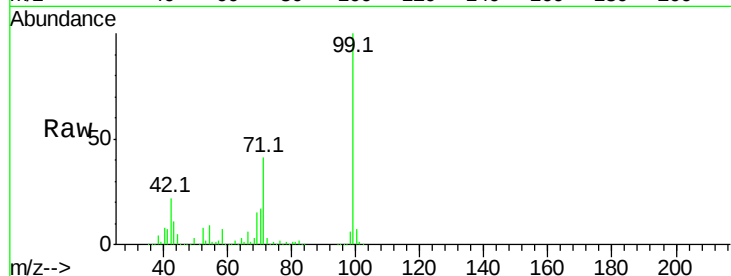
Tot Ion: 99 Resp: 1765460

Ion Ratio Lower Upper

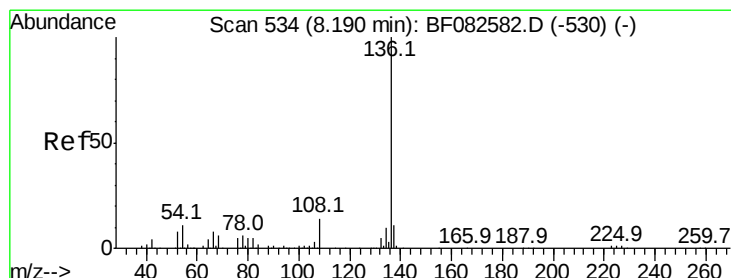
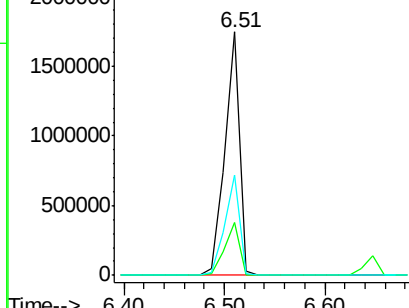
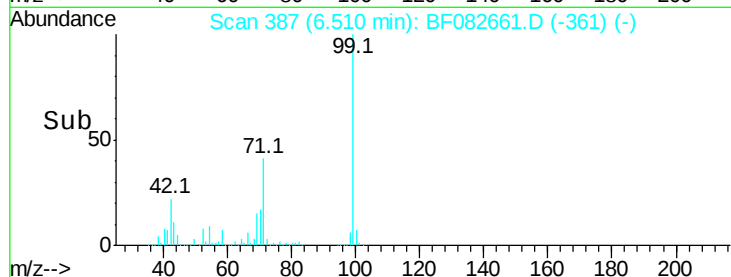
99 100

42 21.5 19.2 28.8

71 41.1 35.0 52.4



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: 8.17 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF082661.D

Acq: 3 Nov 2015 15:26

Tgt Ion: 136 Resp: 747890

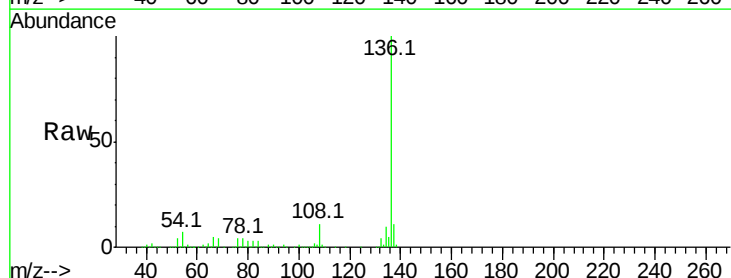
Ion Ratio Lower Upper

136 100

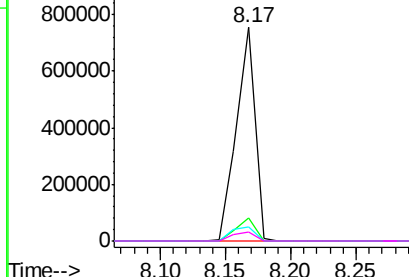
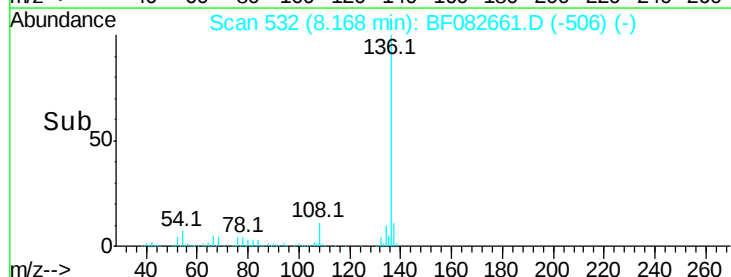
137 10.7 9.1 13.7

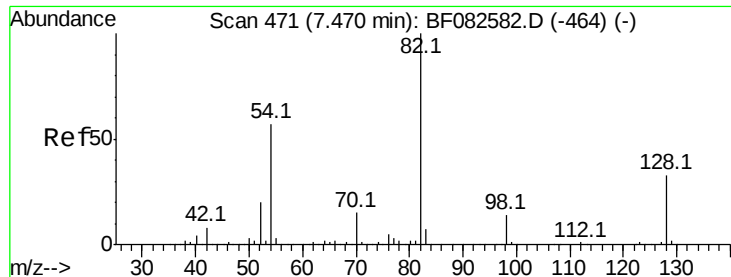
54 6.6 9.1 13.7#

68 4.4 4.8 7.2#



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: 73.64 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF082661.D

Acq: 3 Nov 2015 15:26

Instrument :

BNA_F

ClientSampleId :

GACMEDIA-151029

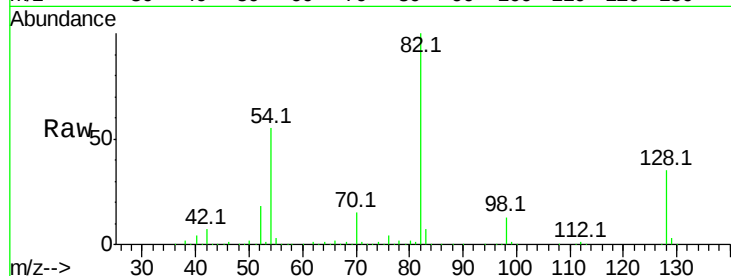
Tot Ion: 82 Resp: 1348657

Ion Ratio Lower Upper

82 100

128 35.2 26.8 40.2

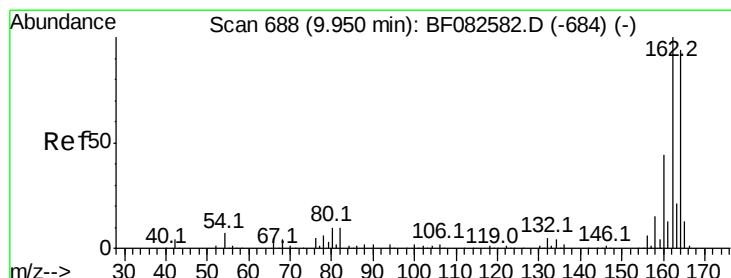
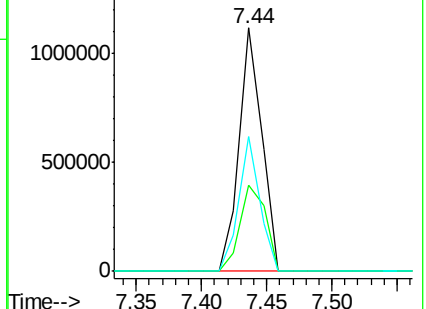
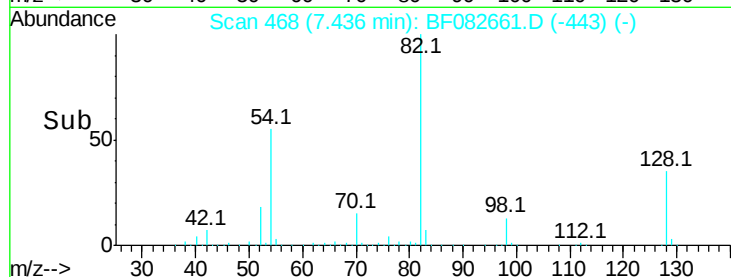
54 55.2 45.7 68.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF082661.D

Acq: 3 Nov 2015 15:26

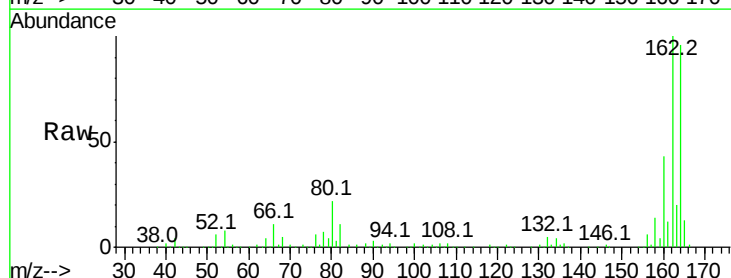
Tgt Ion:164 Resp: 362688

Ion Ratio Lower Upper

164 100

162 103.7 84.9 127.3

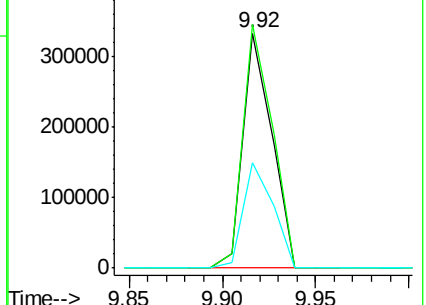
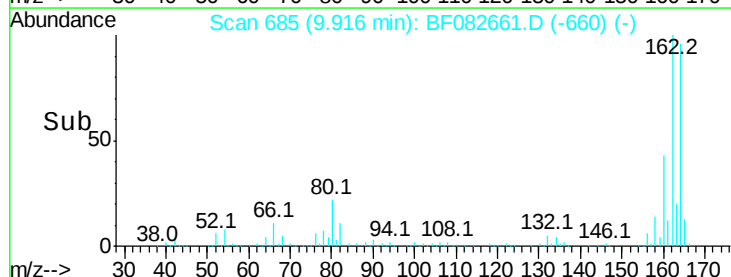
160 45.0 37.5 56.3

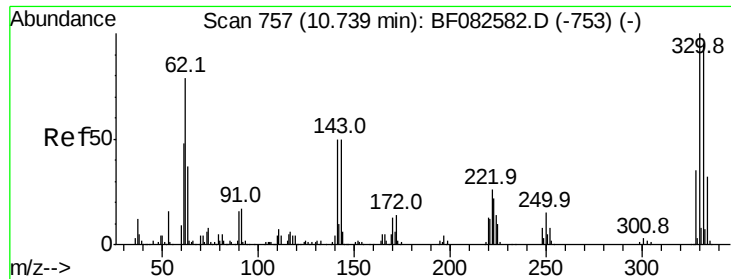


Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

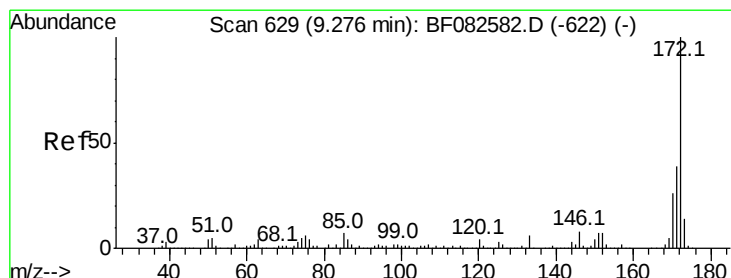
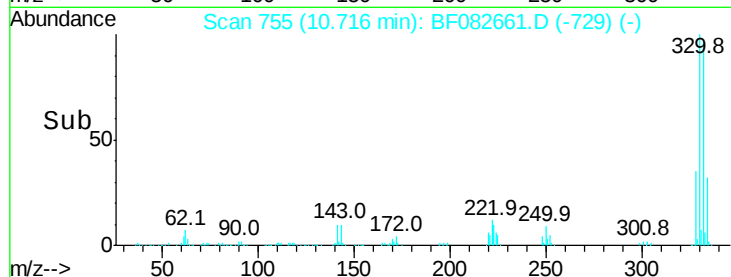
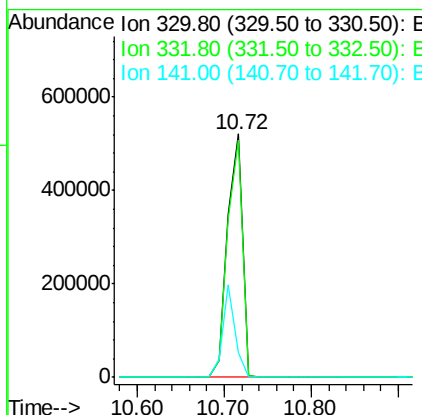
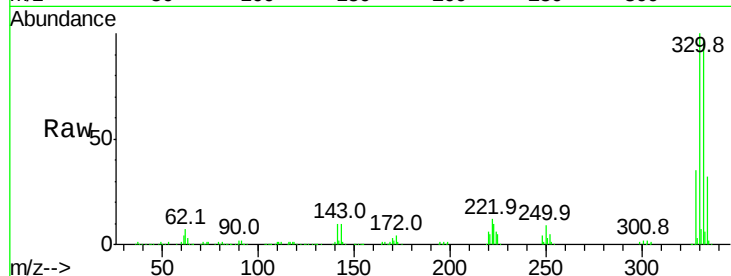




#41
 2,4,6-Tribromophenol
 Concen: 158.41 ng
 RT: 10.72 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF082661.D
 Acq: 3 Nov 2015 15:26

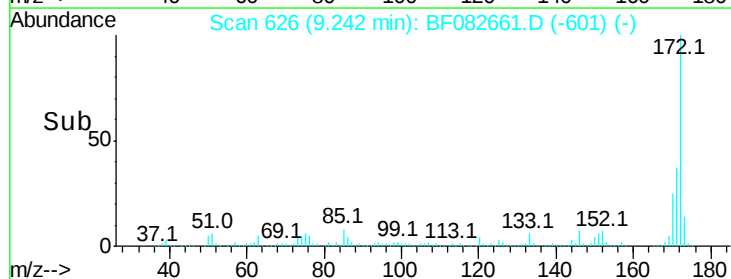
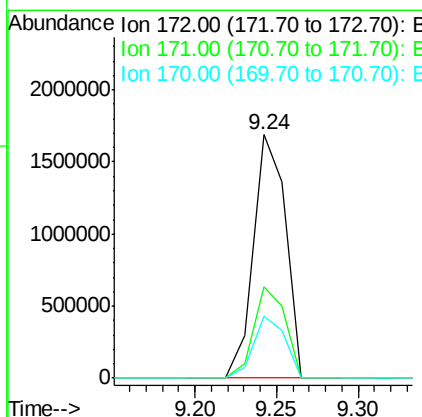
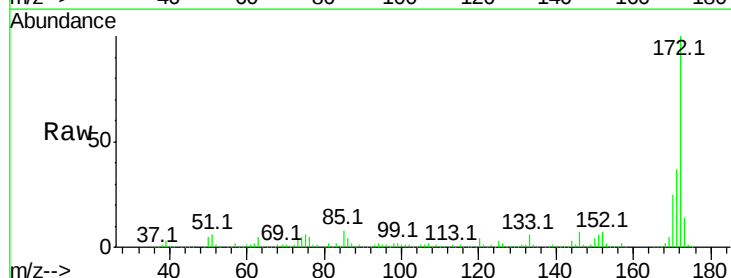
Instrument :
 BNA_F
 ClientSampleId :
 GACMEDIA-151029

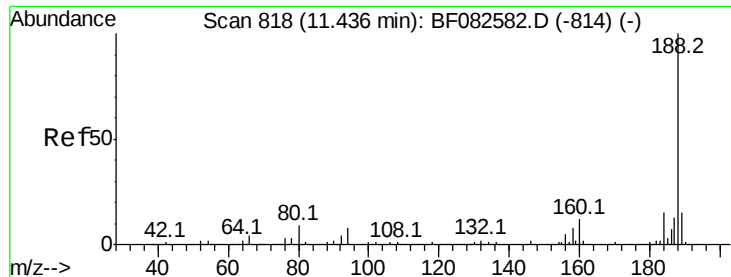
Tot Ion:330 Resp: 628771
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 114.8
 141 32.3 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 90.09 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF082661.D
 Acq: 3 Nov 2015 15:26

Tgt Ion:172 Resp: 2301246
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.8 46.2
 170 25.3 21.2 31.8

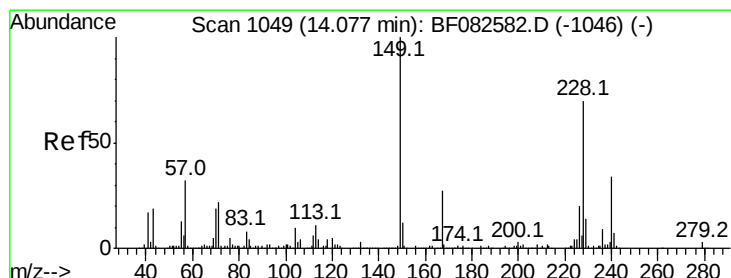
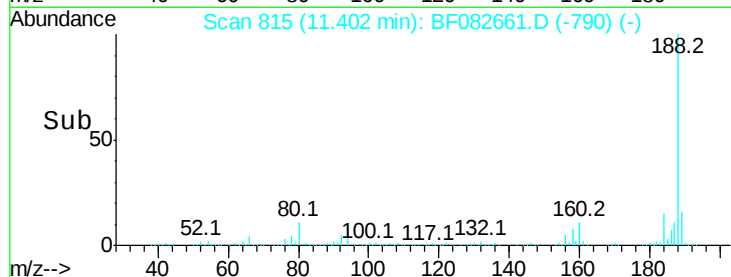
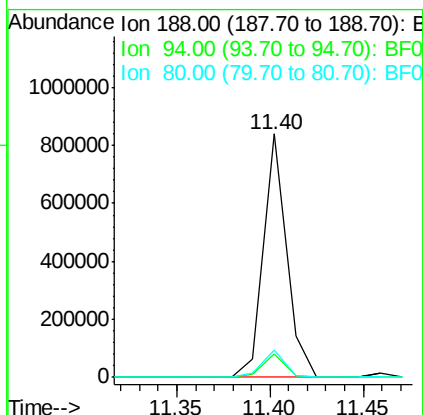
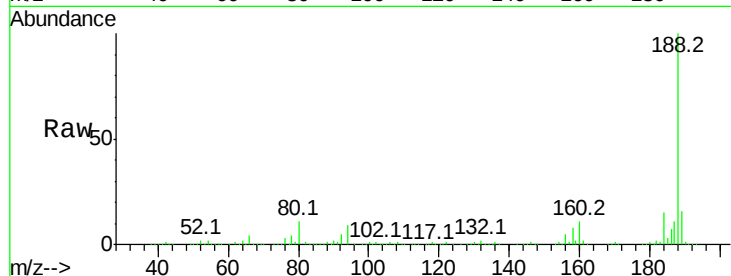




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF082661.D
Acq: 3 Nov 2015 15:26

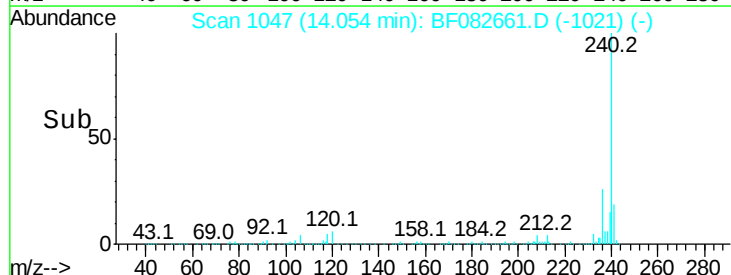
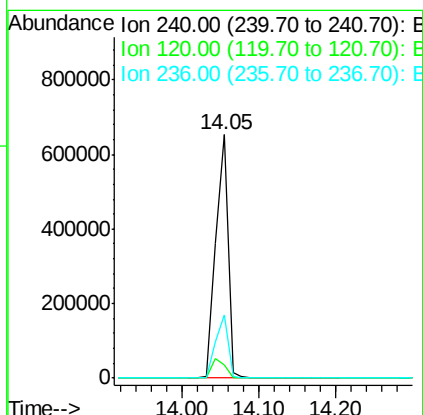
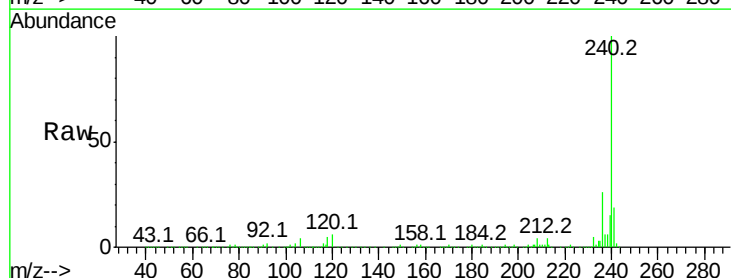
Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029

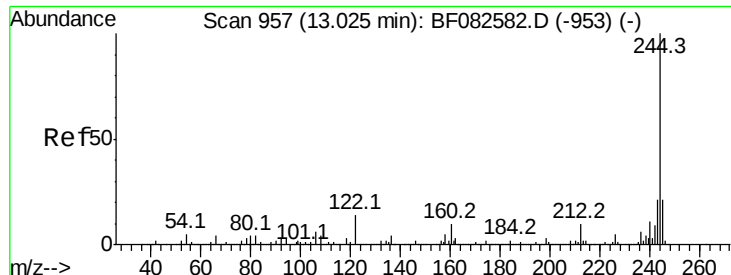
Tot Ion:188 Resp: 722179
Ion Ratio Lower Upper
188 100
94 9.5 6.1 9.1#
80 11.3 7.0 10.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF082661.D
Acq: 3 Nov 2015 15:26

Tgt Ion:240 Resp: 716073
Ion Ratio Lower Upper
240 100
120 5.5 10.9 16.3#
236 26.0 21.6 32.4





#78

Terphenyl-d14

Concen: 78.79 ng

RT: 13.00 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF082661.D

Acq: 3 Nov 2015 15:26

Instrument :

BNA_F

ClientSampleId :

GACMEDIA-151029

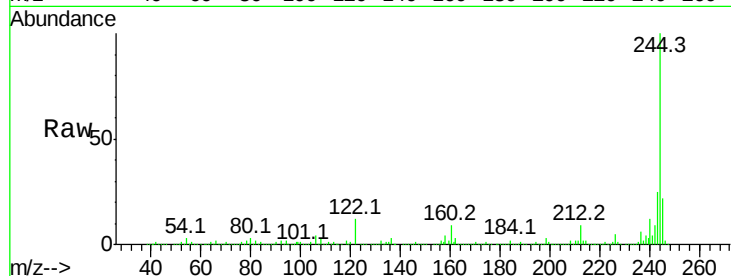
Tot Ion:244 Resp: 2577934

Ion Ratio Lower Upper

244 100

212 8.7 7.6 11.4

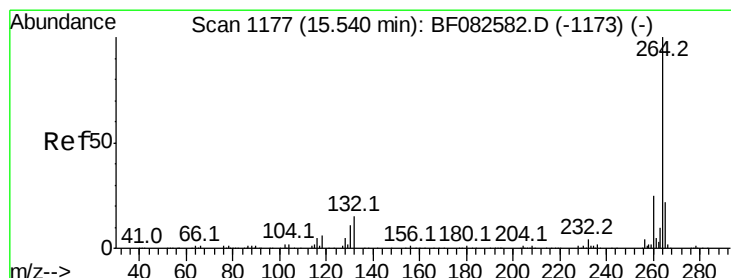
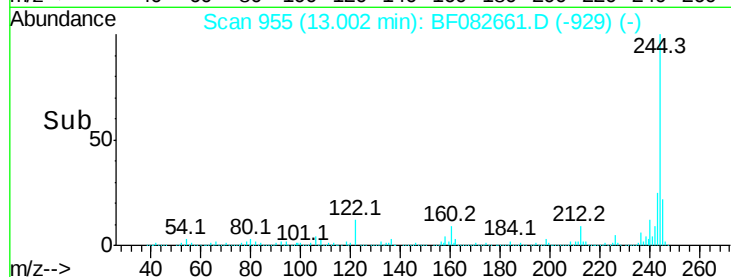
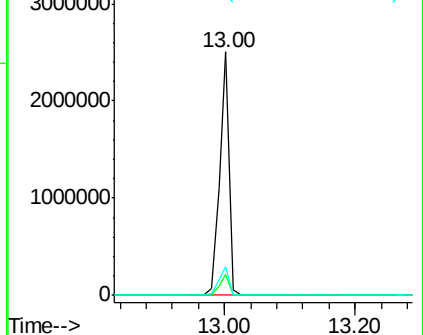
122 11.6 11.3 16.9



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

Perylene-d12

Concen: 20.00 ng

RT: 15.52 min Scan# 1175

Delta R.T. 0.01 min

Lab File: BF082661.D

Acq: 3 Nov 2015 15:26

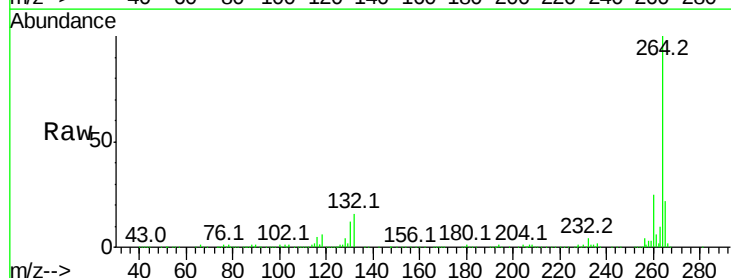
Tgt Ion:264 Resp: 516667

Ion Ratio Lower Upper

264 100

260 24.9 19.8 29.6

265 22.2 17.4 26.0



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

