

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122515\
 Data File : BF084146.D
 Acq On : 25 Dec 2015 23:31
 Operator : UM/SJ
 Sample : G4920-06
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IM-CLAY-011

Quant Time: Dec 26 05:59:18 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 16:48:39 2015
 Response via : Initial Calibration

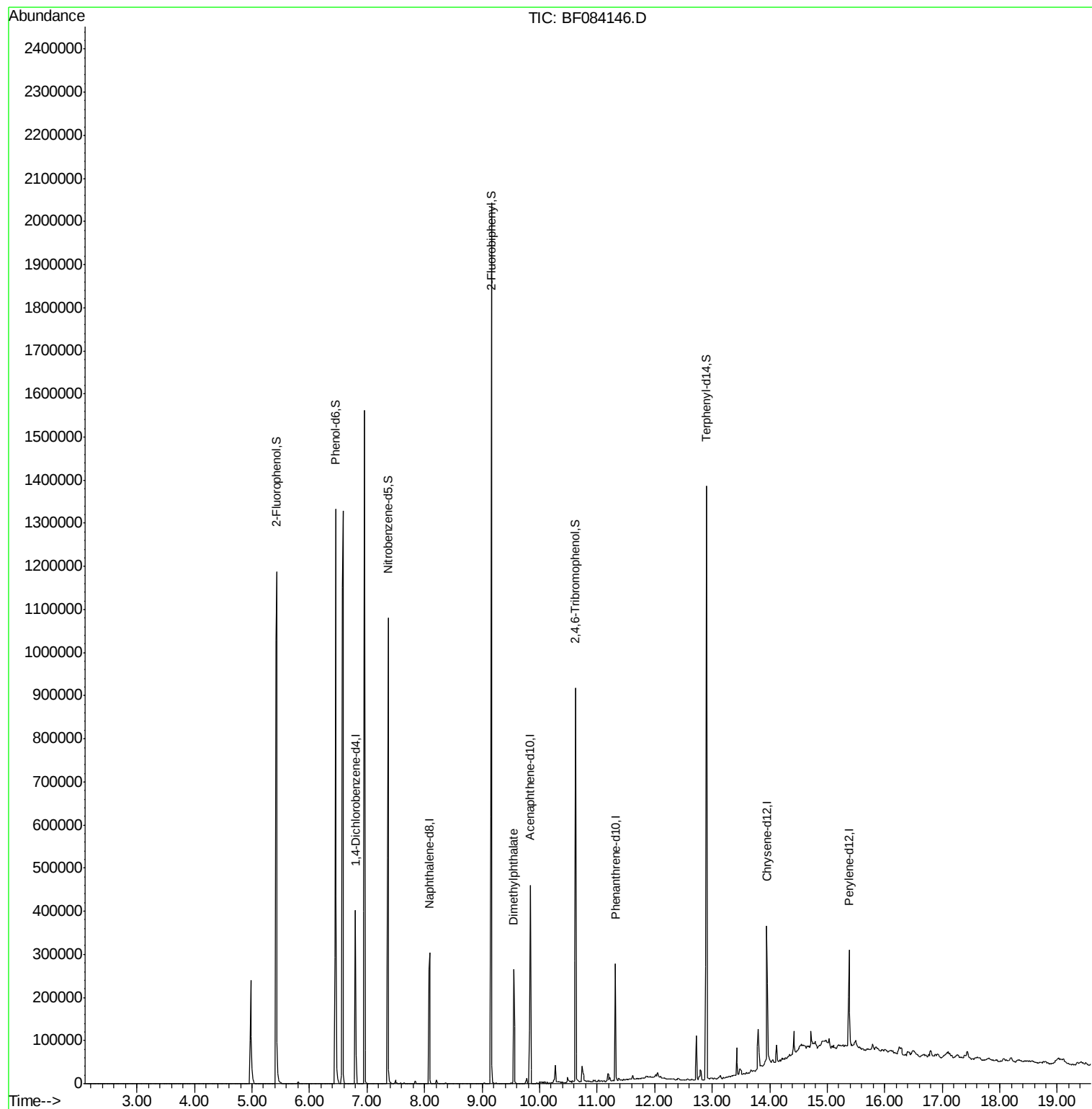
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	57199	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	205119	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	91768	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	140593	20.00	ng	0.00
75) Chrysene-d12	13.95	240	121073	20.00	ng	-0.01
86) Perylene-d12	15.38	264	97724	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	497987	147.61	ng	0.01
7) Phenol-d6	6.45	99	540302	129.42	ng	0.00
23) Nitrobenzene-d5	7.37	82	398679	113.77	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	111019	113.45	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	633745	94.49	ng	0.00
78) Terphenyl-d14	12.90	244	385886	57.67	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.55	163	129040	16.98	ng	# 90

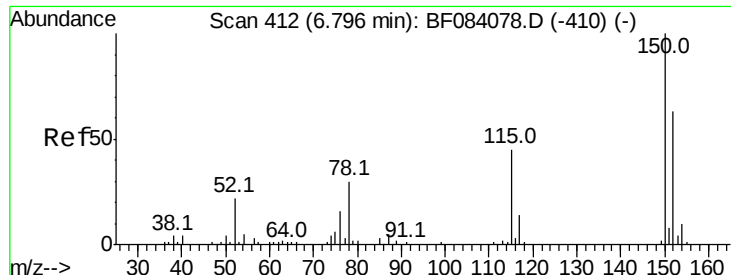
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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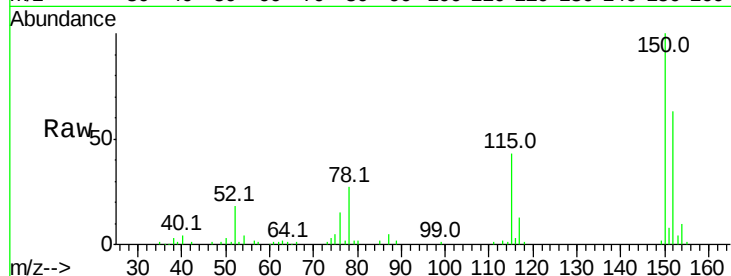


#1

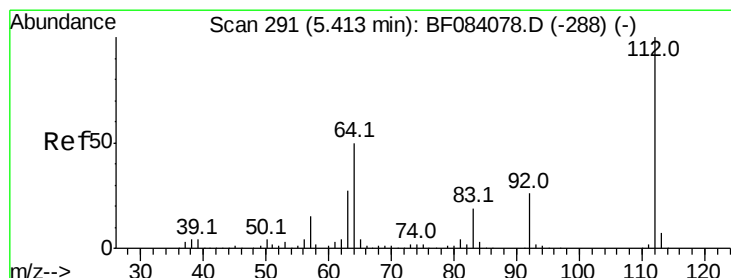
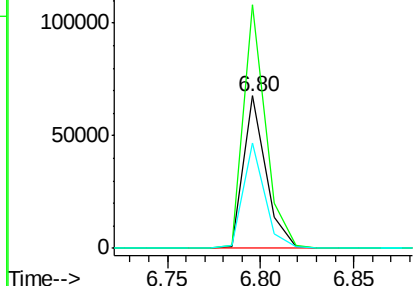
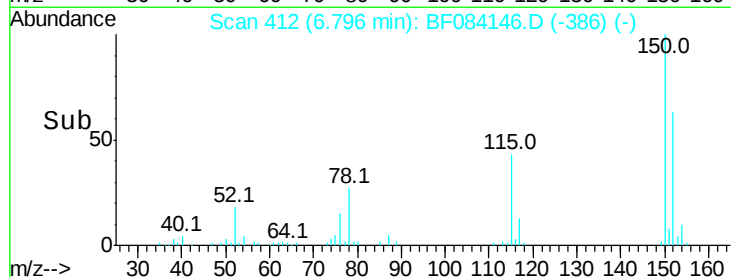
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF084146.D
Acq: 25 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
IM-CLAY-011

Tot Ion:152 Resp: 57199
Ion Ratio Lower Upper
152 100
150 159.6 123.0 184.4
115 68.9 51.4 77.2



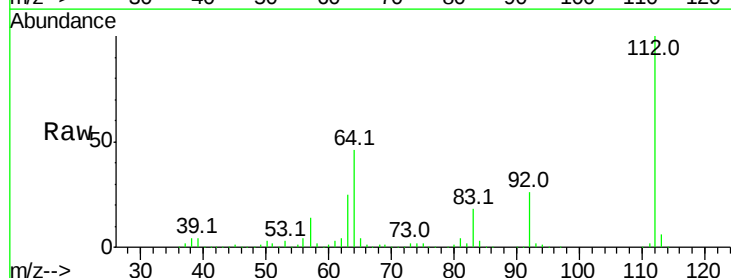
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



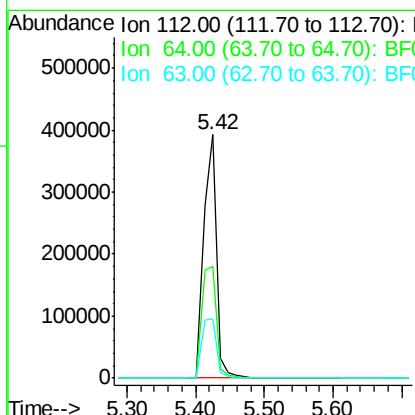
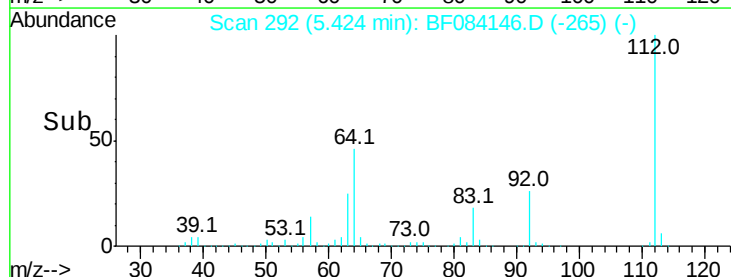
#5

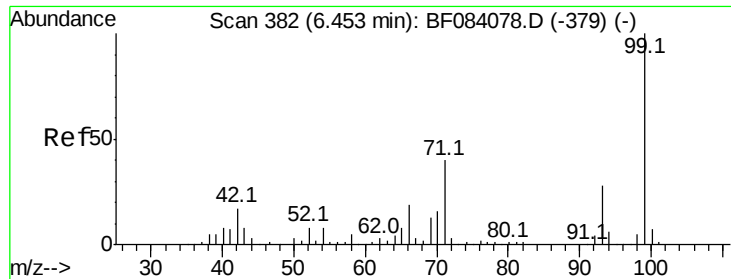
2-Fluorophenol
Concen: 147.61 ng
RT: 5.42 min Scan# 292
Delta R.T. 0.01 min
Lab File: BF084146.D
Acq: 25 Dec 2015 23:31

Tgt Ion:112 Resp: 497987
Ion Ratio Lower Upper
112 100
64 45.8 36.6 55.0
63 24.6 19.4 29.0



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: 129.42 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF084146.D

Acq: 25 Dec 2015 23:31

Instrument :

BNA_F

ClientSampleId :

IM-CLAY-011

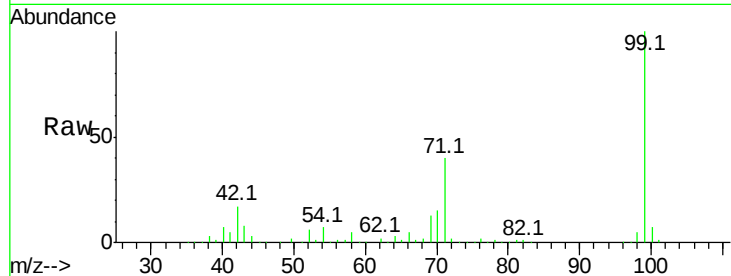
Tot Ion: 99 Resp: 540302

Ion Ratio Lower Upper

99 100

42 16.8 12.8 19.2

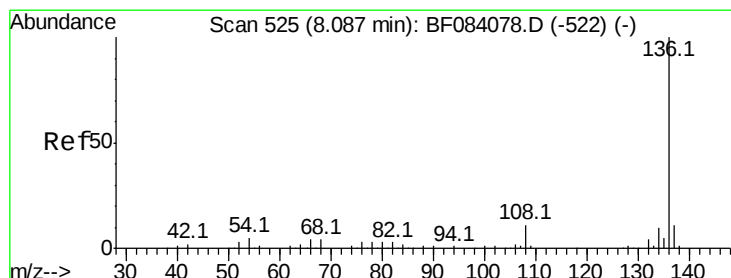
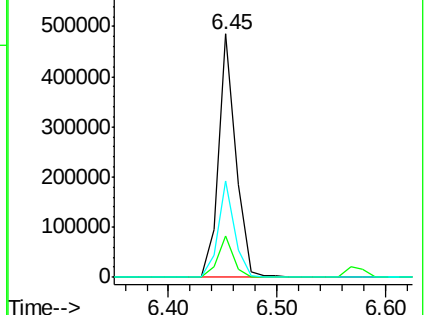
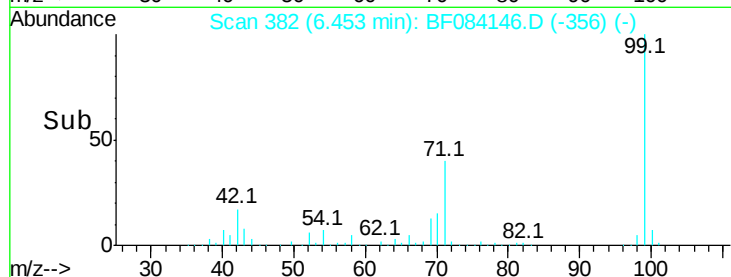
71 39.8 30.9 46.3



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: 8.09 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF084146.D

Acq: 25 Dec 2015 23:31

Tgt Ion: 136 Resp: 205119

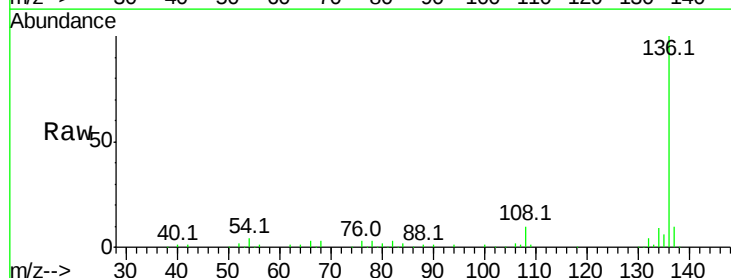
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 4.3 5.8 8.8#

68 3.1 4.2 6.2#

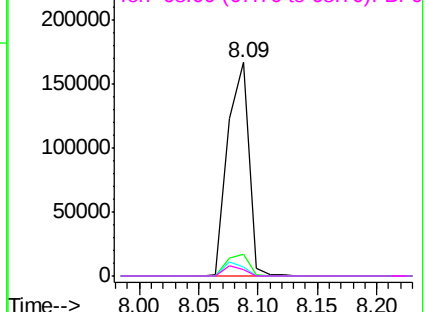
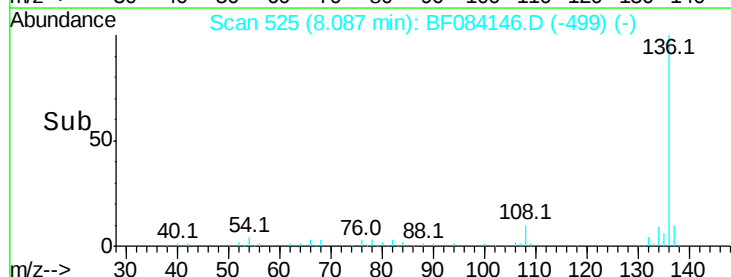


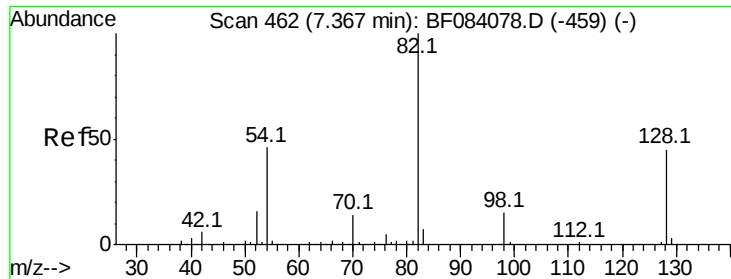
Abundance Ion 136.00 (135.70 to 136.70): E

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

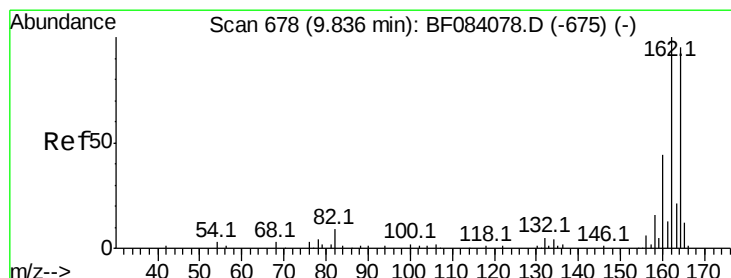
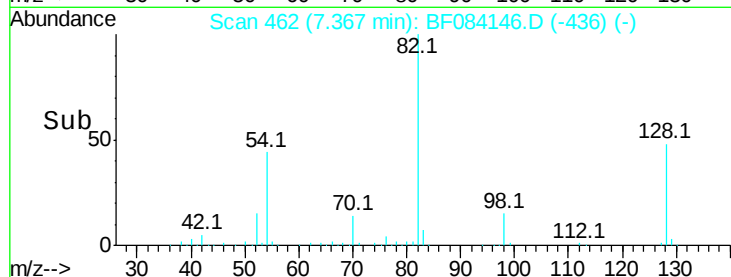
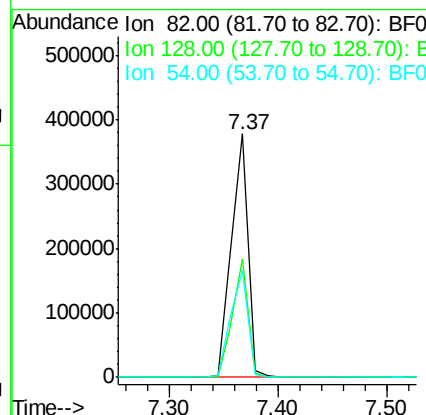
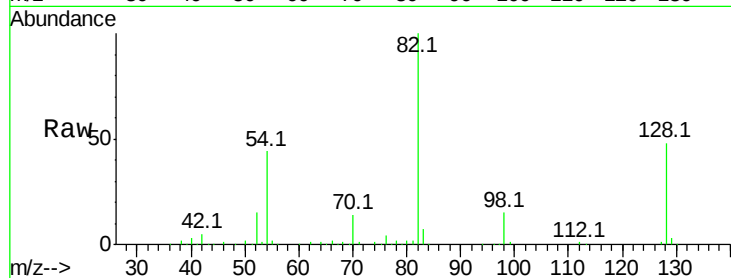




#23
 Nitrobenzene-d5
 Concen: 113.77 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.00 min
 Lab File: BF084146.D
 Acq: 25 Dec 2015 23:31

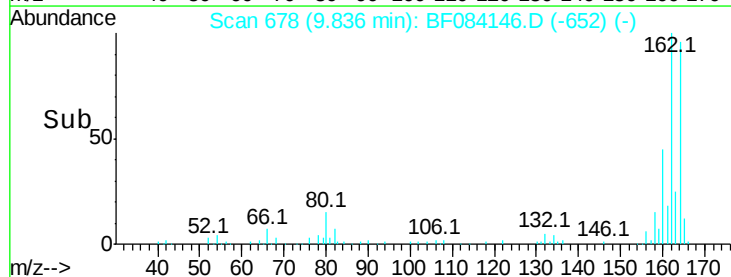
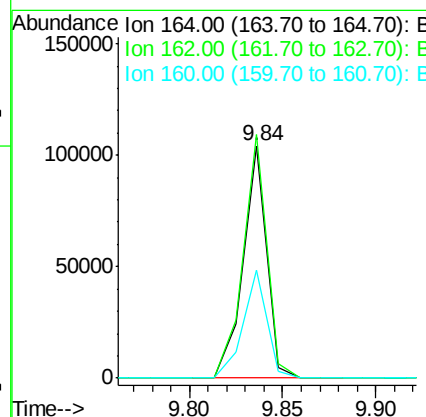
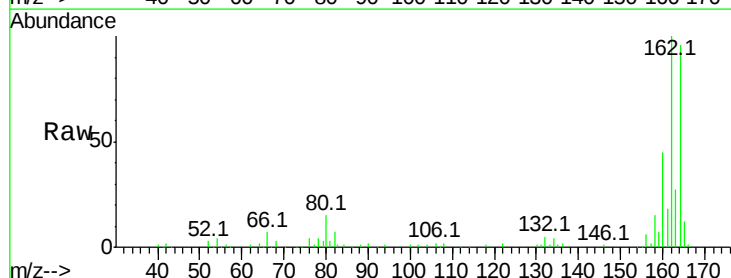
Instrument :
 BNA_F
 ClientSampleId :
 IM-CLAY-011

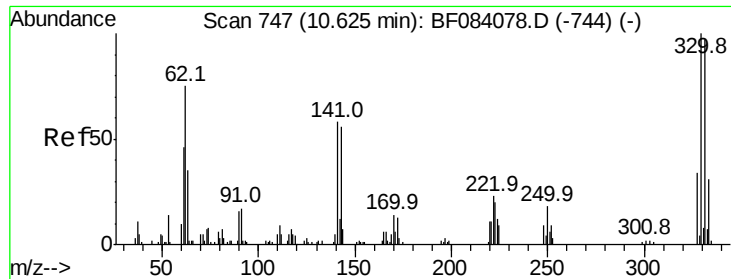
Tot Ion: 82 Resp: 398679
 Ion Ratio Lower Upper
 82 100
 128 48.4 34.6 51.8
 54 43.6 38.4 57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: BF084146.D
 Acq: 25 Dec 2015 23:31

Tgt Ion: 164 Resp: 91768
 Ion Ratio Lower Upper
 164 100
 162 104.6 85.1 127.7
 160 46.6 37.5 56.3

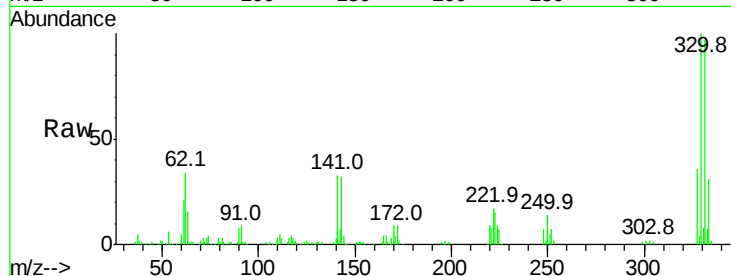




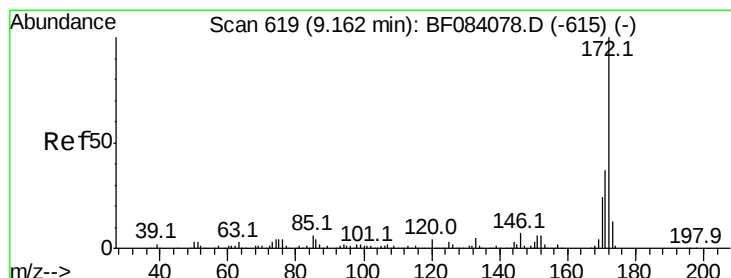
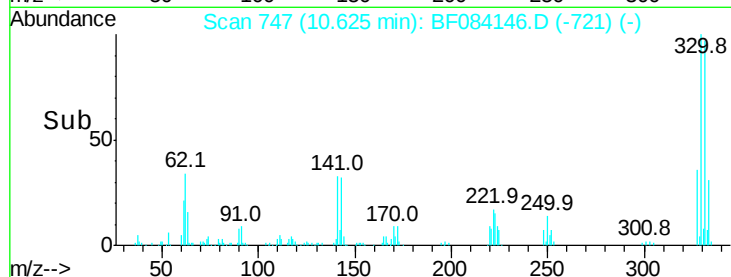
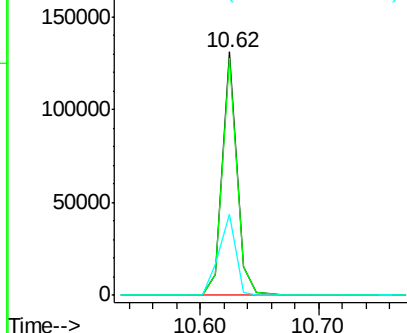
#41
 2,4,6-Tribromophenol
 Concen: 113.45 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF084146.D
 Acq: 25 Dec 2015 23:31

Instrument :
 BNA_F
 ClientSampleId :
 IM-CLAY-011

Tot Ion:330 Resp: 111019
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 114.8
 141 38.7 27.8 41.6

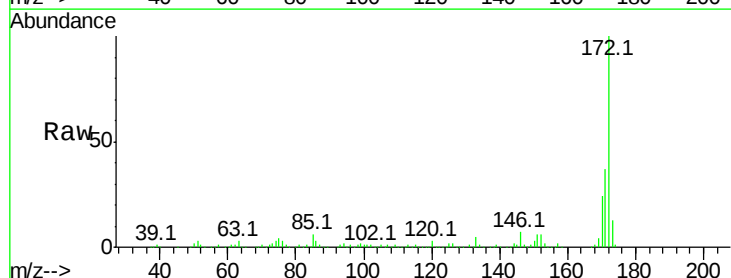


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

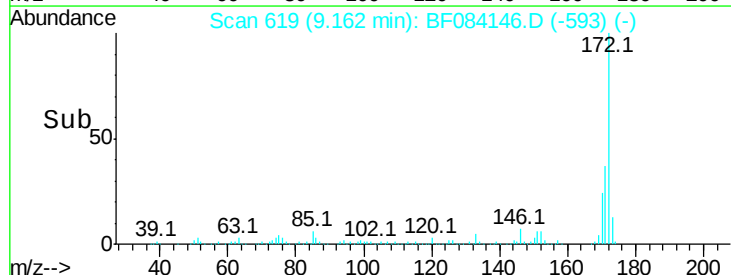
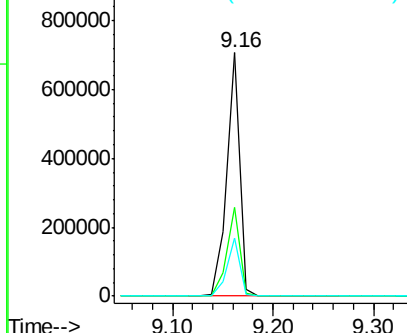


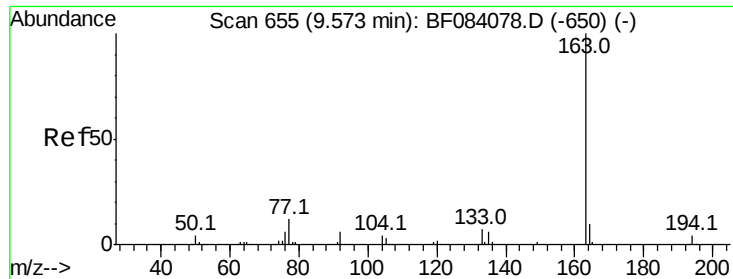
#44
 2-Fluorobiphenyl
 Concen: 94.49 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF084146.D
 Acq: 25 Dec 2015 23:31

Tgt Ion:172 Resp: 633745
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.9 43.3
 170 23.9 18.6 27.8



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: 16.98 ng

RT: 9.55 min Scan# 653

Delta R.T. -0.02 min

Lab File: BF084146.D

Acq: 25 Dec 2015 23:31

Instrument :

BNA_F

ClientSampleId :

IM-CLAY-011

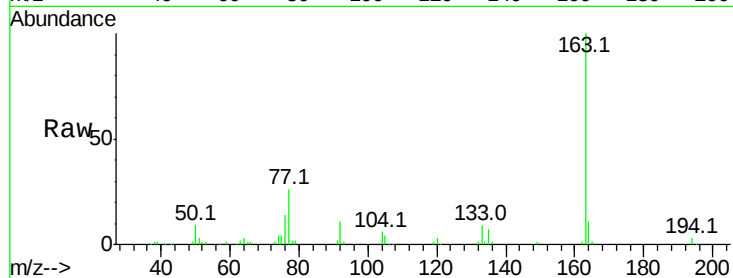
Tot Ion:163 Resp: 129040

Ion Ratio Lower Upper

163 100

194 2.9 8.0 12.0#

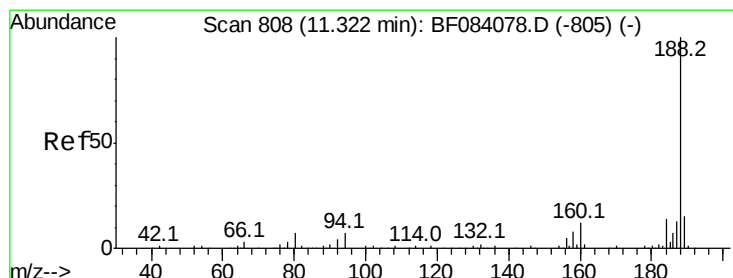
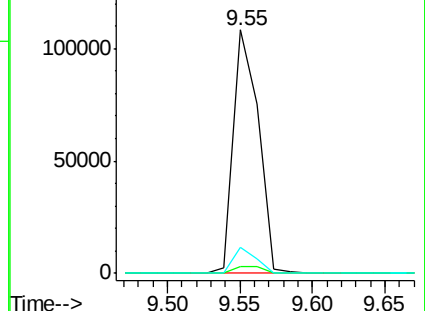
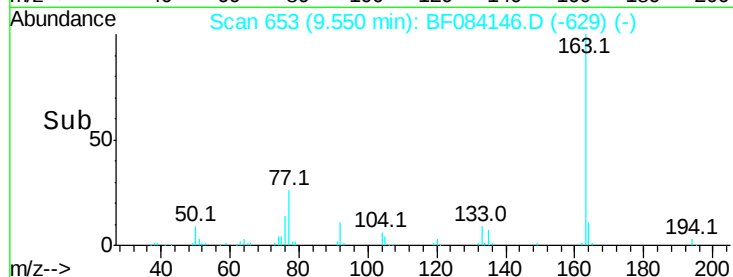
164 10.7 8.0 12.0



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: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF084146.D

Acq: 25 Dec 2015 23:31

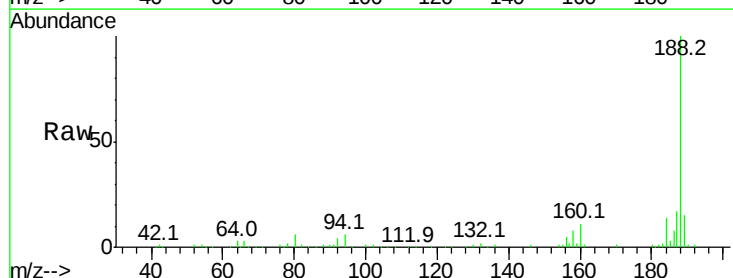
Tgt Ion:188 Resp: 140593

Ion Ratio Lower Upper

188 100

94 5.7 9.0 13.4#

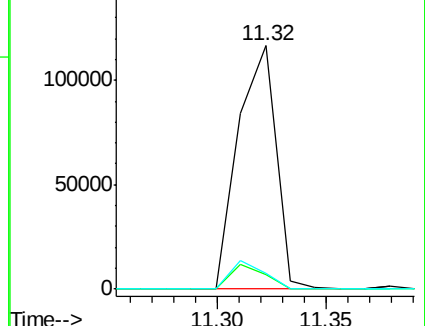
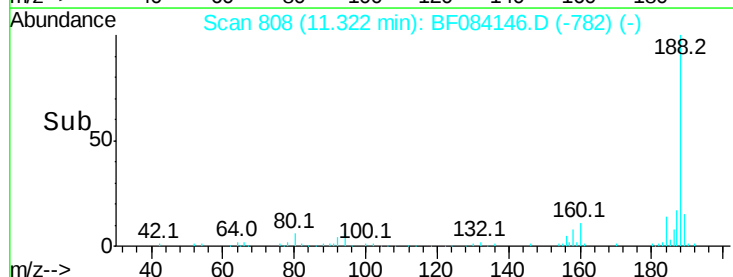
80 6.3 9.6 14.4#

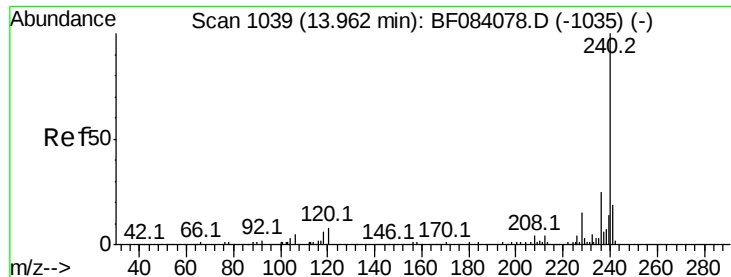


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF084146.D

Acq: 25 Dec 2015 23:31

Instrument :

BNA_F

ClientSampled :

IM-CLAY-011

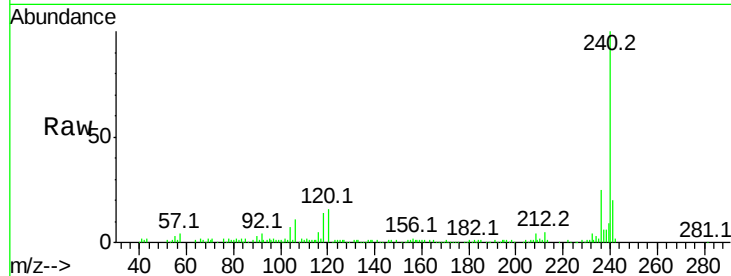
Tot Ion:240 Resp: 121073

Ion Ratio Lower Upper

240 100

120 15.8 9.5 14.3#

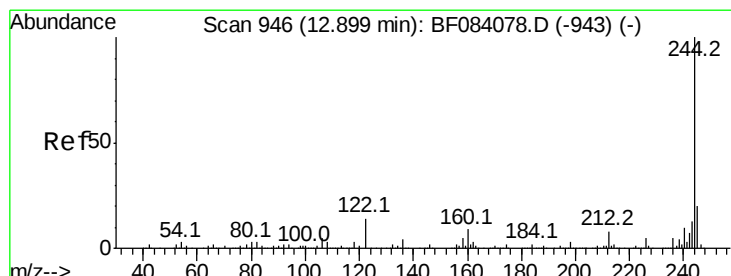
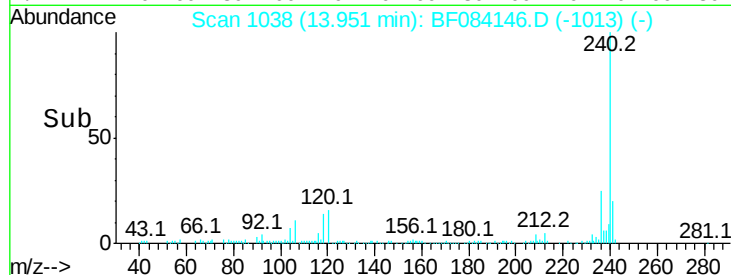
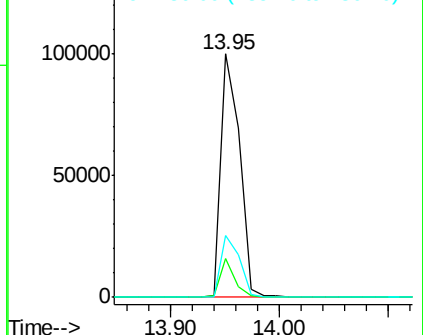
236 25.3 20.6 31.0



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: 57.67 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF084146.D

Acq: 25 Dec 2015 23:31

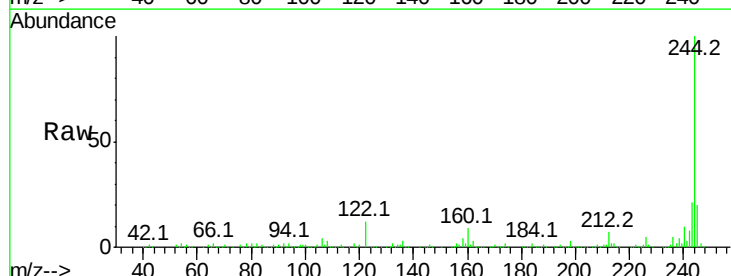
Tgt Ion:244 Resp: 385886

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

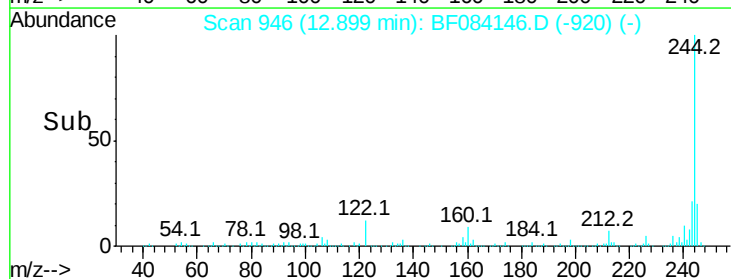
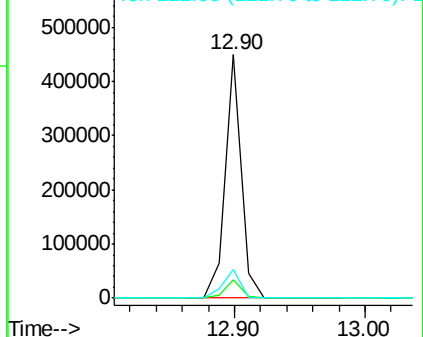
122 11.7 7.4 11.0#

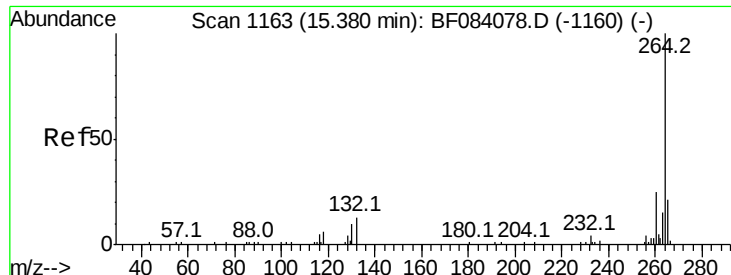


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

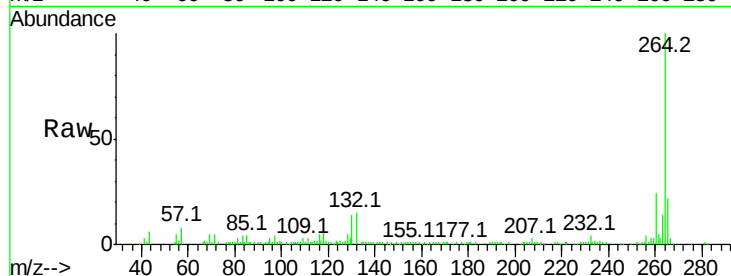




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF084146.D
Acq: 25 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
IM-CLAY-011

Tot Ion:264 Resp: 97724
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 22.1 17.8 26.6



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

