

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
 Data File : BF084021.D
 Acq On : 23 Dec 2015 6:36
 Operator : UM/SJ
 Sample : G4920-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IM-CLAY-008

Quant Time: Dec 23 07:10:51 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 18:54:09 2015
 Response via : Initial Calibration

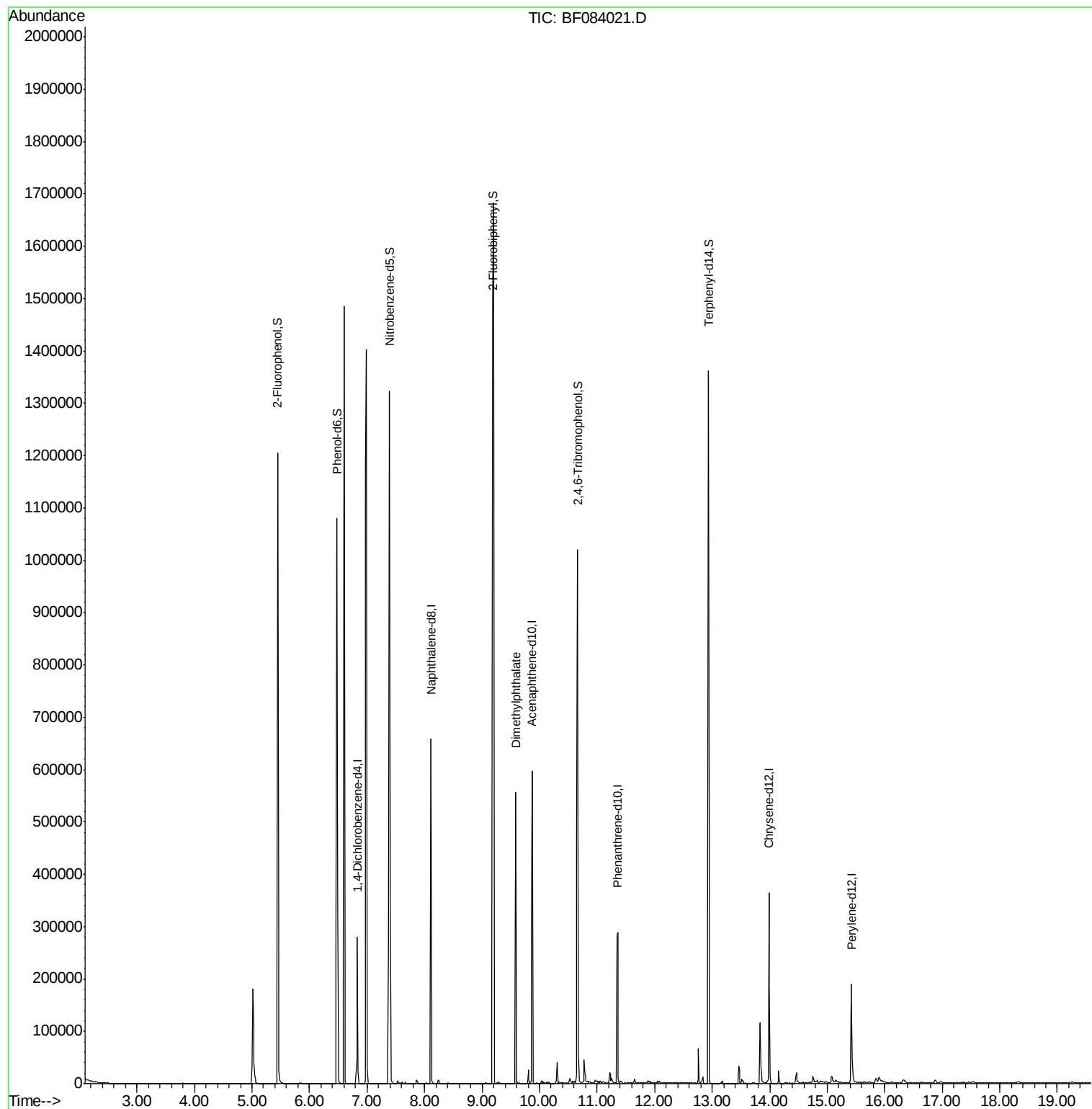
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	44122	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	299000	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	137947	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	160113	20.00	ng	0.00
75) Chrysene-d12	13.99	240	145970	20.00	ng	-0.01
86) Perylene-d12	15.43	264	109181	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	352378	136.17	ng	0.01
7) Phenol-d6	6.48	99	430260	141.41	ng	0.00
23) Nitrobenzene-d5	7.39	82	467525	96.06	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	133044	100.27	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	803153	78.36	ng	0.00
78) Terphenyl-d14	12.93	244	450296	73.57	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.58	163	210738	19.52	ng	# 91

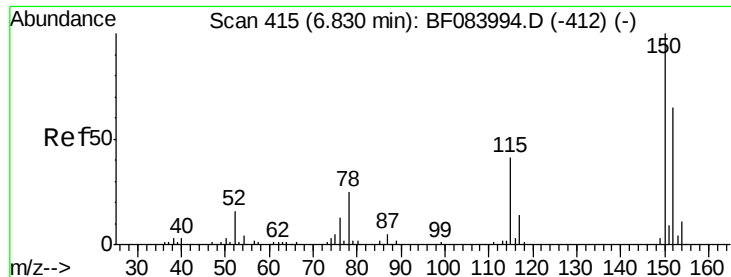
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
Data File : BF084021.D
Acq On : 23 Dec 2015 6:36
Operator : UM/SJ
Sample : G4920-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IM-CLAY-008

Quant Time: Dec 23 07:10:51 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 18:54:09 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF084021.D

Acq: 23 Dec 2015 6:36

Instrument :

BNA_F

ClientSampleId :

IM-CLAY-008

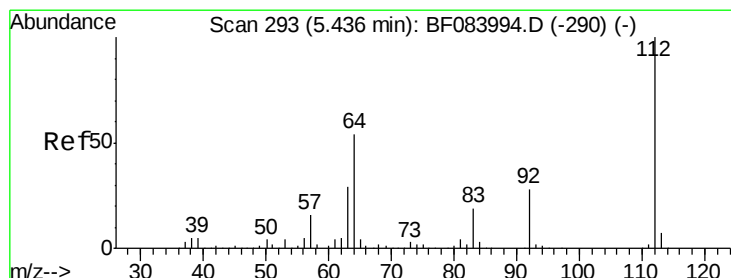
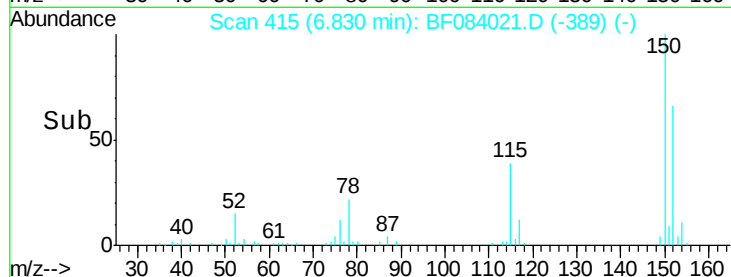
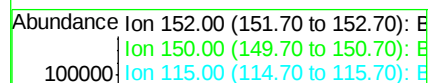
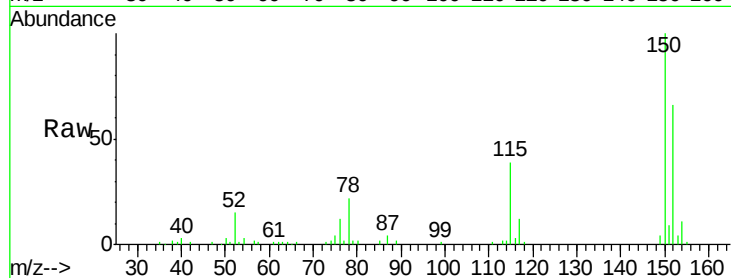
Tot Ion:152 Resp: 44122

Ion Ratio Lower Upper

152 100

150 152.2 123.0 184.4

115 58.7 51.4 77.2



#5

2-Fluorophenol

Concen: 136.17 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF084021.D

Acq: 23 Dec 2015 6:36

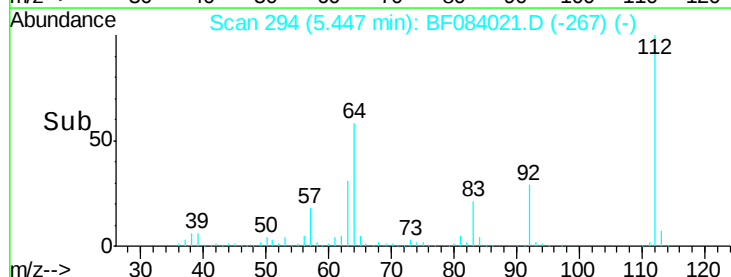
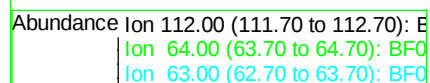
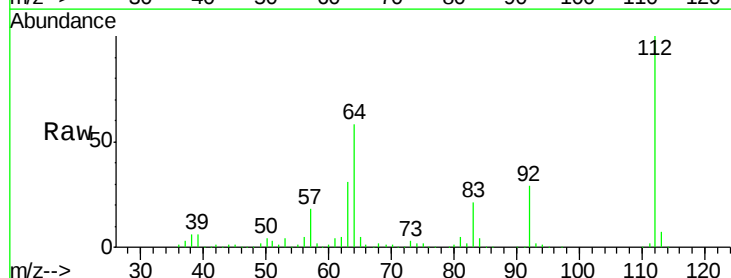
Tgt Ion:112 Resp: 352378

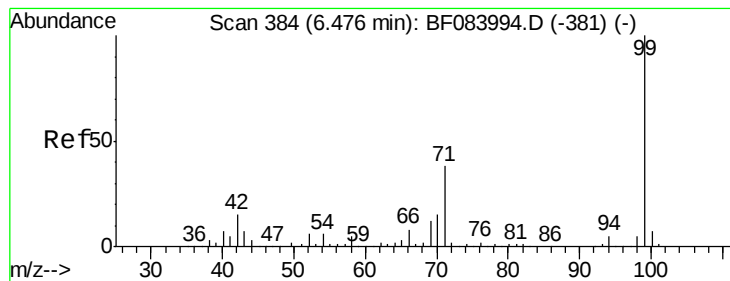
Ion Ratio Lower Upper

112 100

64 57.8 36.6 55.0#

63 31.4 19.4 29.0#





#7

Phenol-d6

Concen: 141.41 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084021.D

Acq: 23 Dec 2015 6:36

Instrument :

BNA_F

ClientSampled :

IM-CLAY-008

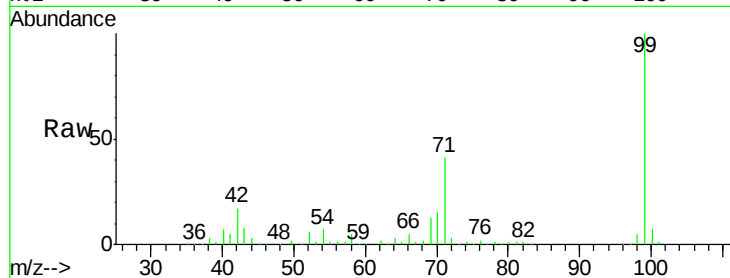
Tot Ion: 99 Resp: 430260

Ion Ratio Lower Upper

99 100

42 16.9 12.8 19.2

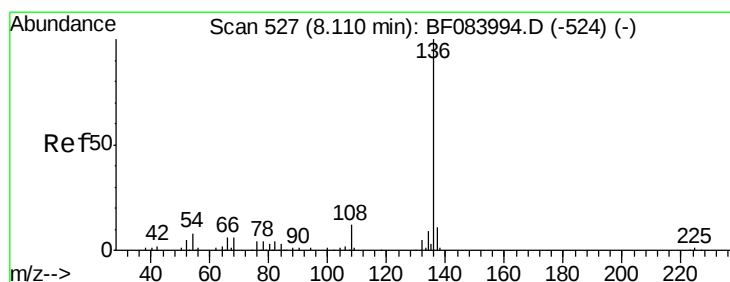
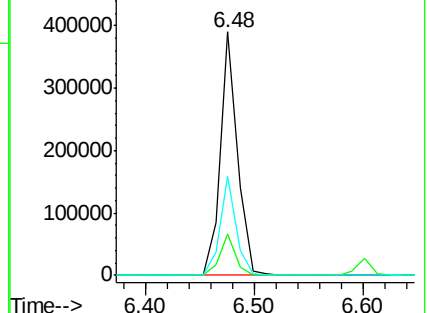
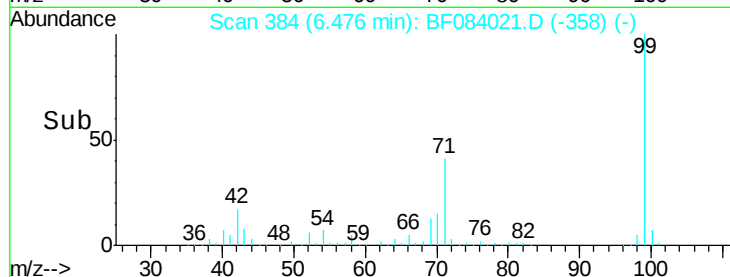
71 40.7 30.9 46.3



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: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084021.D

Acq: 23 Dec 2015 6:36

Tgt Ion: 136 Resp: 299000

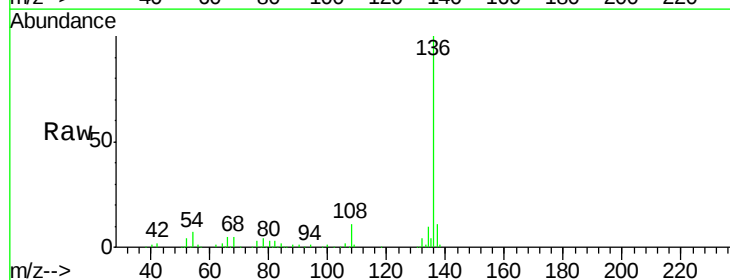
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 6.8 5.8 8.8

68 5.4 4.2 6.2

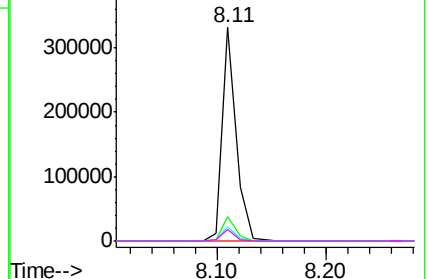
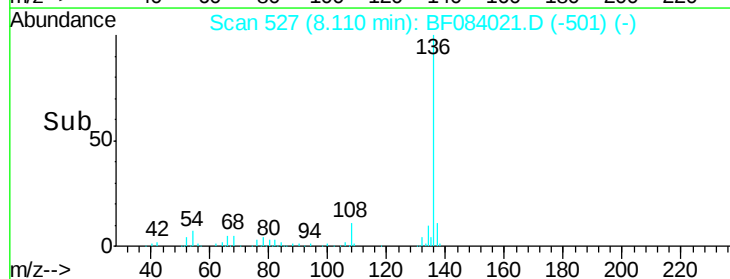


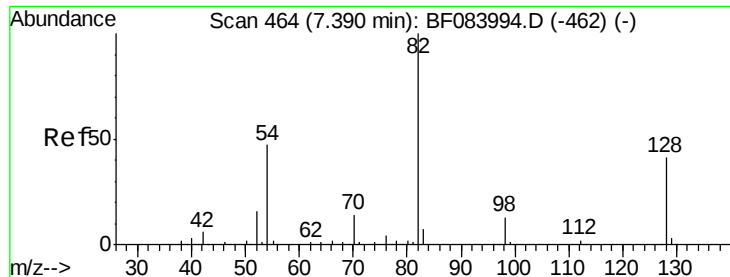
Abundance Ion 136.00 (135.70 to 136.70): E

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

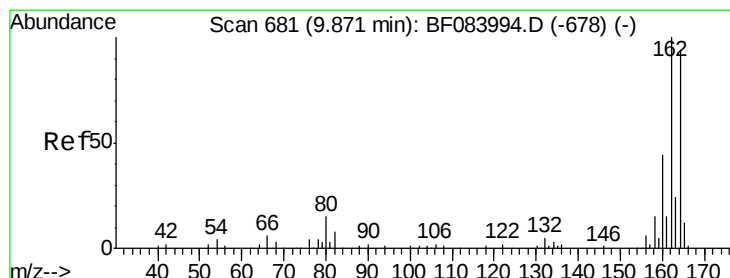
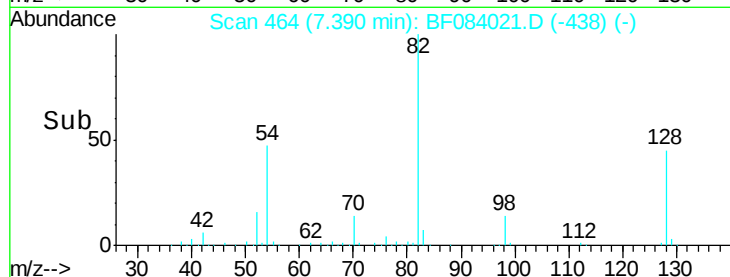
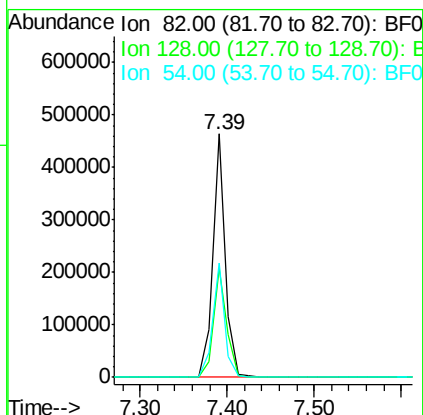
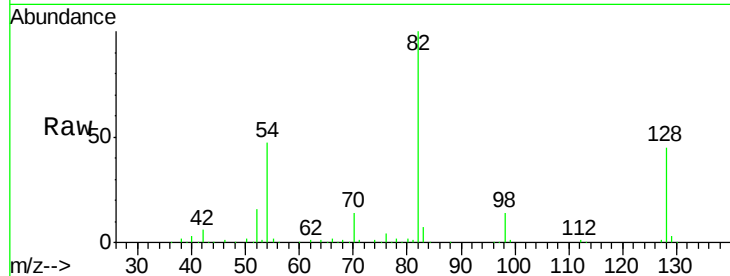




#23
 Nitrobenzene-d5
 Concen: 96.06 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF084021.D
 Acq: 23 Dec 2015 6:36

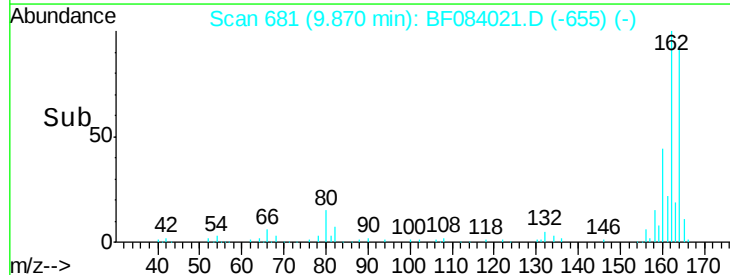
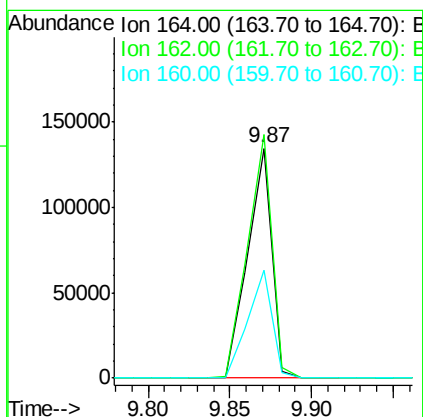
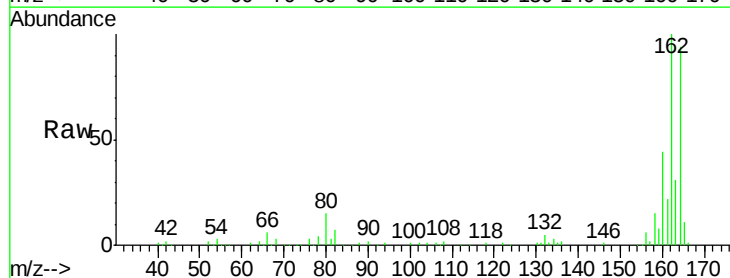
Instrument :
 BNA_F
 ClientSampleId :
 IM-CLAY-008

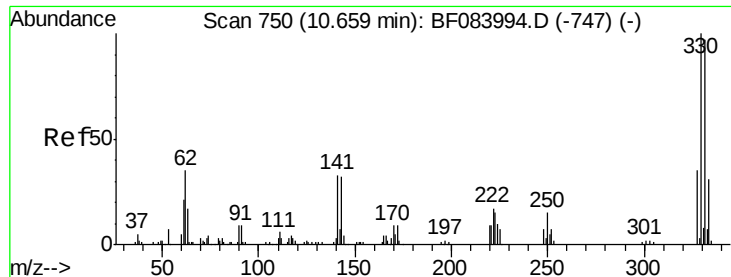
Tot Ion	82	Resp	467525
Ion Ratio	100	Lower	Upper
128	45.0	34.6	51.8
54	46.9	38.4	57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF084021.D
 Acq: 23 Dec 2015 6:36

Tgt Ion	164	Resp	137947
Ion Ratio	100	Lower	Upper
162	105.9	85.1	127.7
160	47.1	37.5	56.3

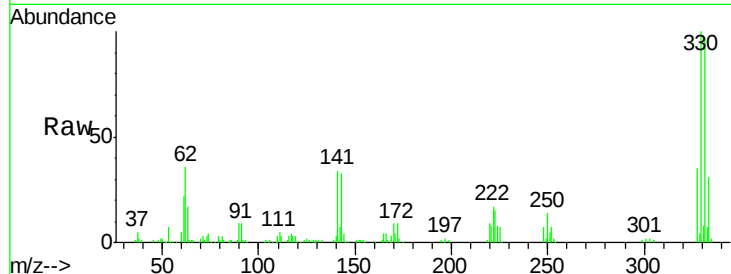




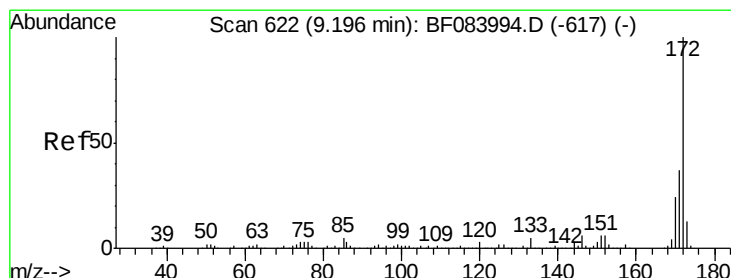
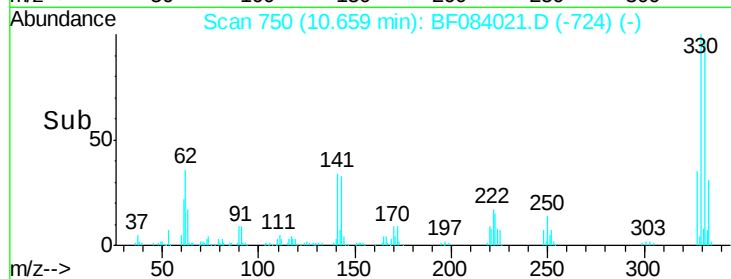
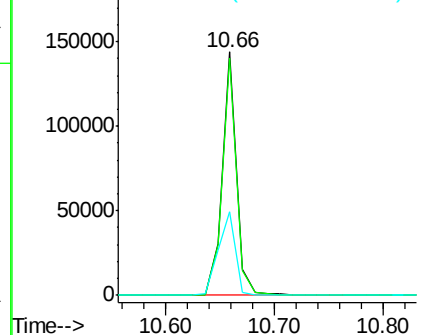
#41
 2,4,6-Tribromophenol
 Concen: 100.27 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF084021.D
 Acq: 23 Dec 2015 6:36

Instrument :
 BNA_F
 ClientSampleId :
 IM-CLAY-008

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	114.8
141	41.0	27.8	41.6

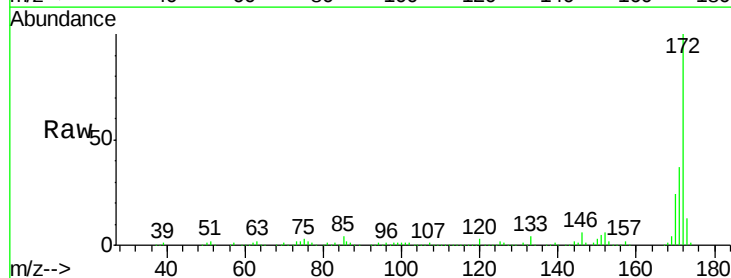


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

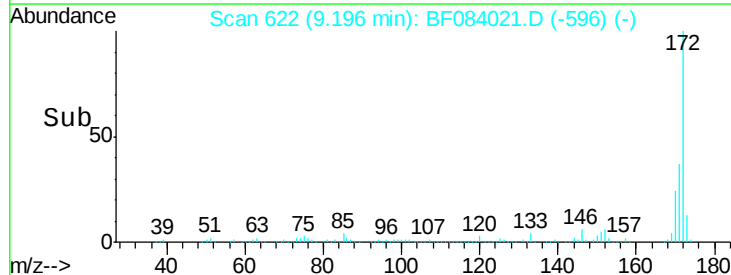
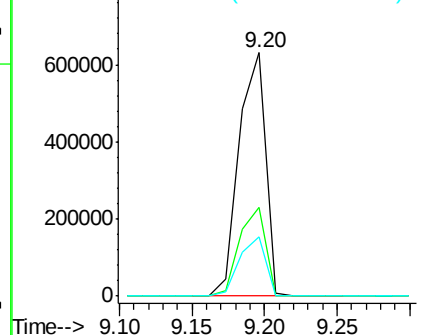


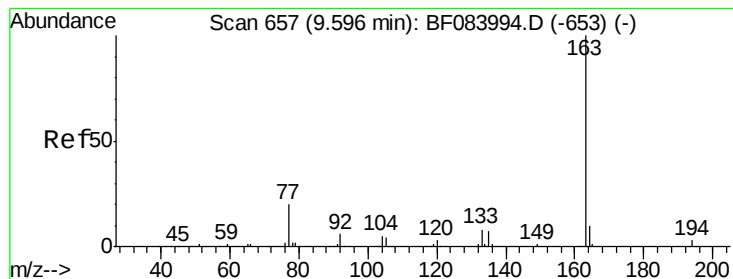
#44
 2-Fluorobiphenyl
 Concen: 78.36 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084021.D
 Acq: 23 Dec 2015 6:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.9	43.3
170	24.3	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: 19.52 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF084021.D

Acq: 23 Dec 2015 6:36

Instrument :

BNA_F

ClientSampleId :

IM-CLAY-008

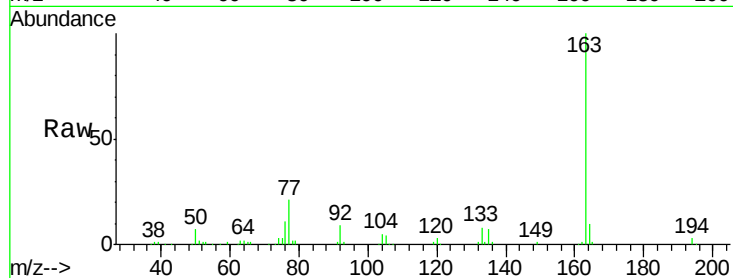
Tot Ion:163 Resp: 210738

Ion Ratio Lower Upper

163 100

194 3.3 8.0 12.0#

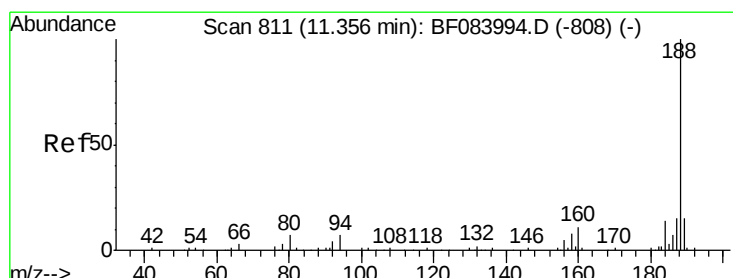
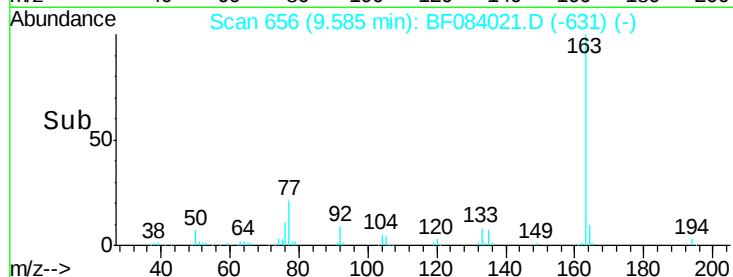
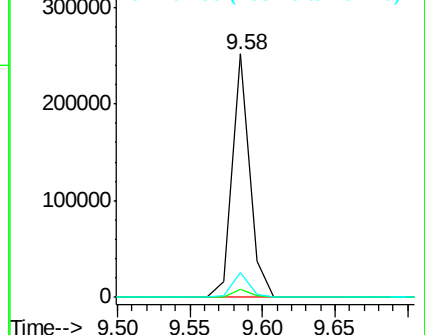
164 10.2 8.0 12.0



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: 11.36 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF084021.D

Acq: 23 Dec 2015 6:36

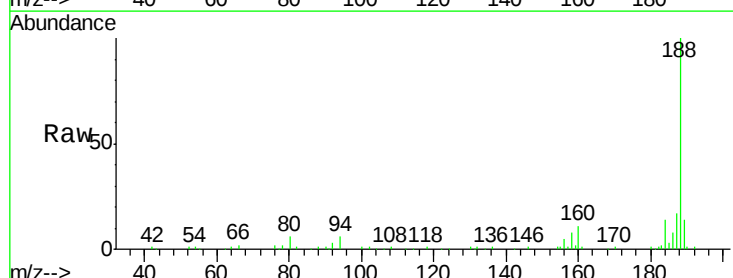
Tgt Ion:188 Resp: 160113

Ion Ratio Lower Upper

188 100

94 5.7 9.0 13.4#

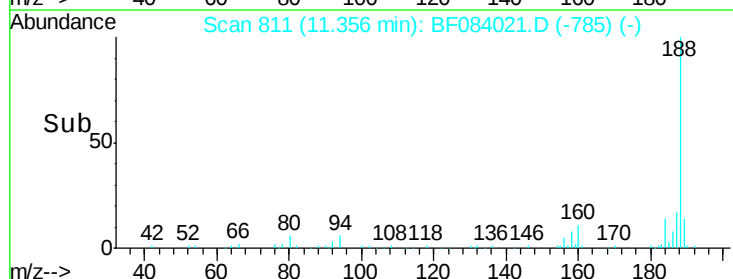
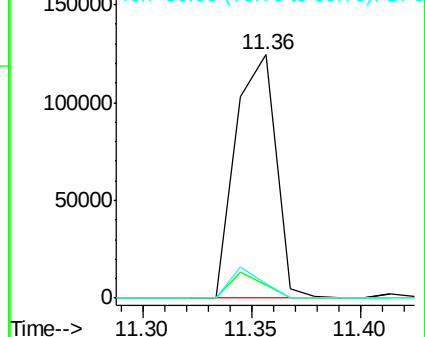
80 5.8 9.6 14.4#

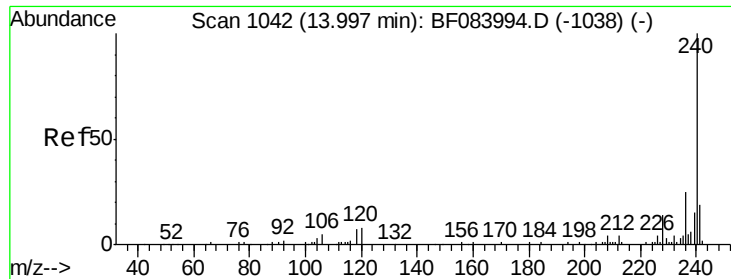


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF084021.D

Acq: 23 Dec 2015 6:36

Instrument :

BNA_F

ClientSampleId :

IM-CLAY-008

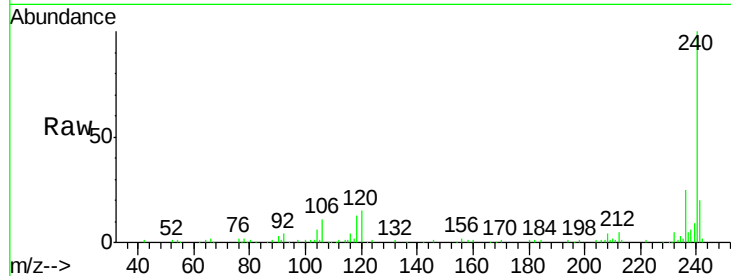
Tot Ion:240 Resp: 145970

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

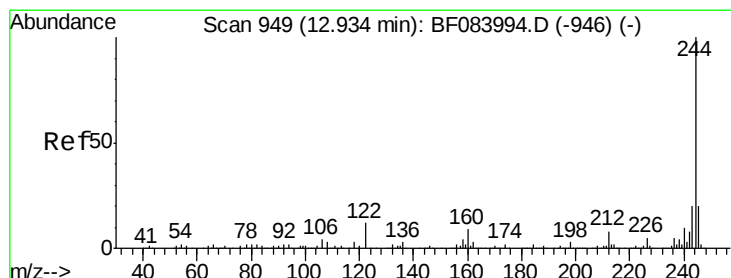
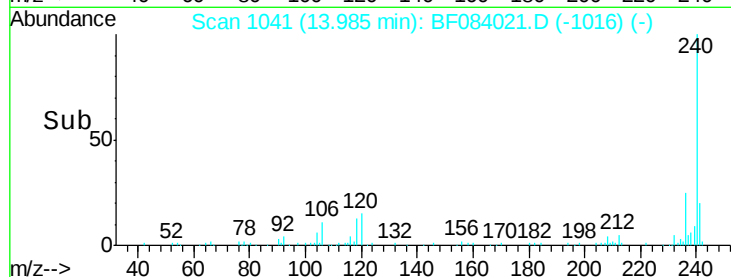
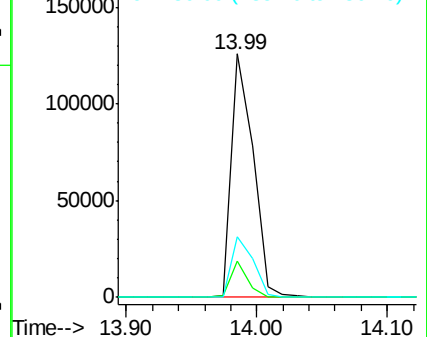
236 24.6 20.6 31.0



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: 73.57 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF084021.D

Acq: 23 Dec 2015 6:36

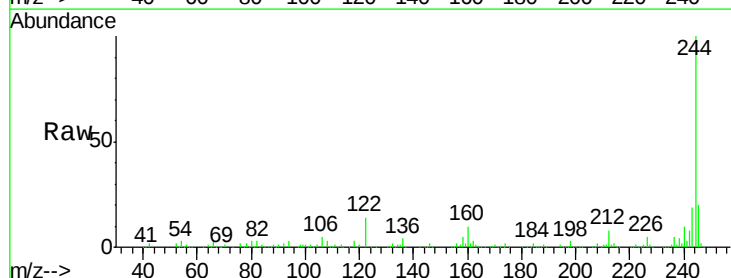
Tgt Ion:244 Resp: 450296

Ion Ratio Lower Upper

244 100

212 7.8 5.7 8.5

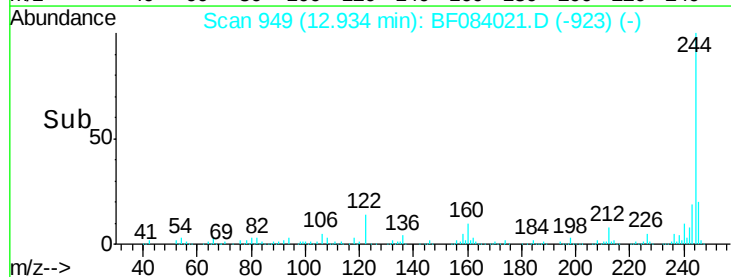
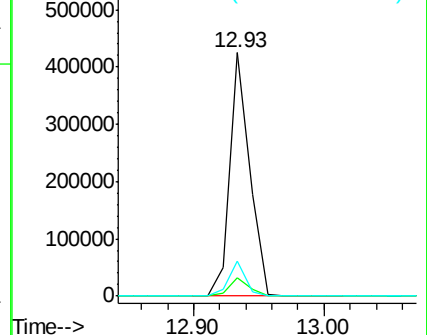
122 14.5 7.4 11.0#

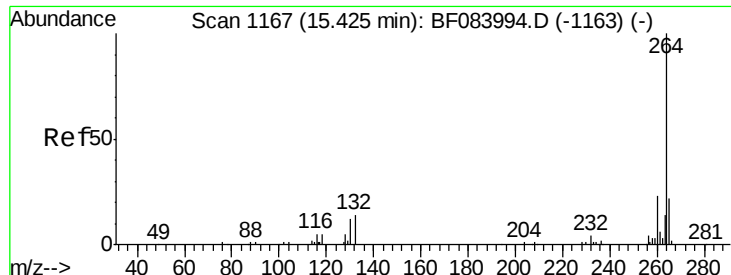


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

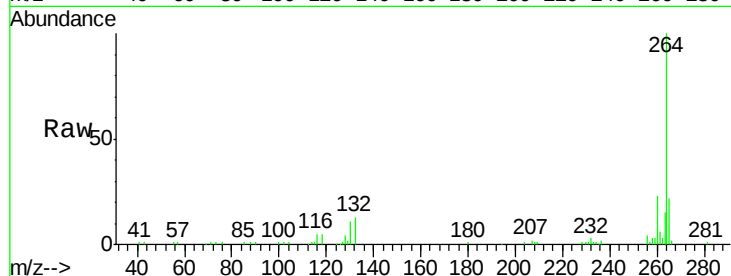




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF084021.D
 Acq: 23 Dec 2015 6:36

Instrument :
 BNA_F
 ClientSampleId :
 IM-CLAY-008

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.2
265	21.7	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

