

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
 Data File : BF084023.D
 Acq On : 23 Dec 2015 7:32
 Operator : UM/SJ
 Sample : G4920-07
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IM-CLAY-012

Quant Time: Dec 23 10:14:40 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

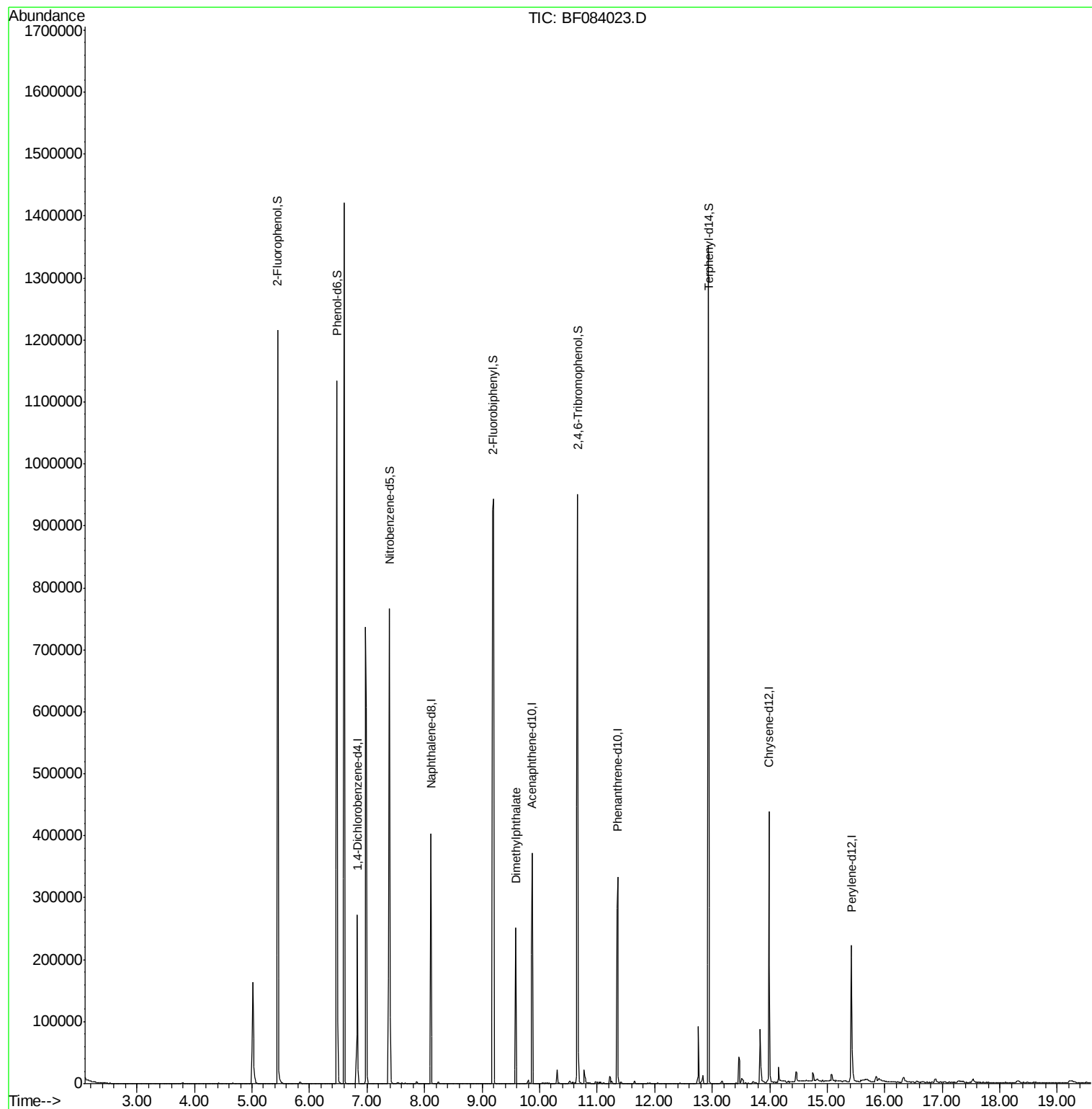
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	44697	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	181708	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	90053	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	174311	20.00	ng	0.00
75) Chrysene-d12	13.99	240	166149	20.00	ng	-0.01
86) Perylene-d12	15.43	264	127508	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	328377	125.26	ng	0.01
7) Phenol-d6	6.48	99	400175	129.83	ng	0.00
23) Nitrobenzene-d5	7.39	82	252785	85.46	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	129986	150.07	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	478610	71.53	ng	0.00
78) Terphenyl-d14	12.93	244	405364	58.18	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.58	163	98472	13.97	ng	Qvalue # 90

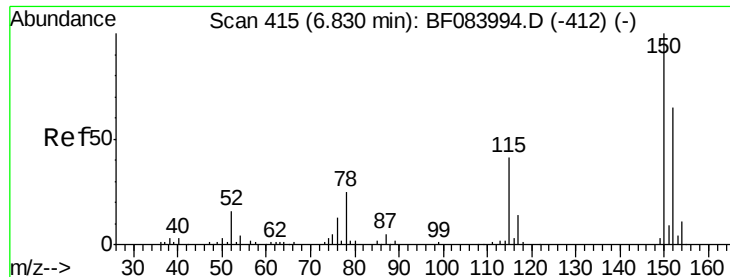
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 22 18:54:09 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF084023.D

Acq: 23 Dec 2015 7:32

Instrument :

BNA_F

ClientSampleId :

IM-CLAY-012

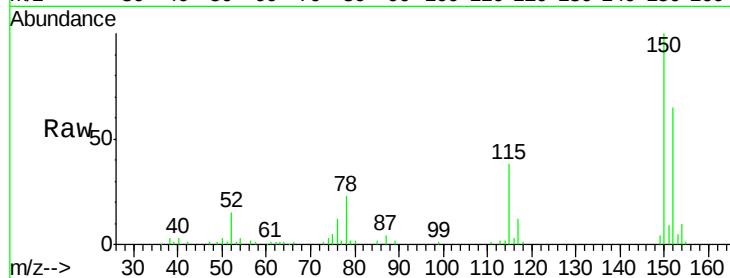
Tot Ion:152 Resp: 44697

Ion Ratio Lower Upper

152 100

150 154.9 123.0 184.4

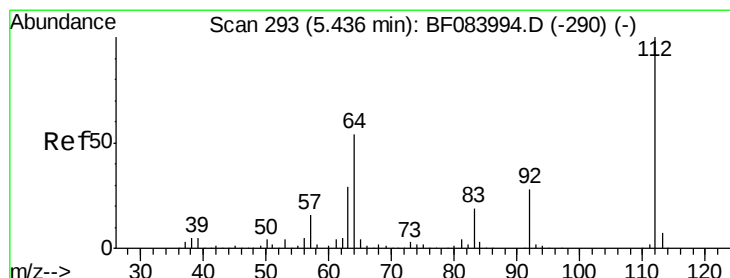
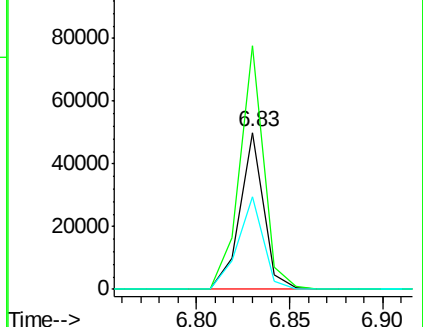
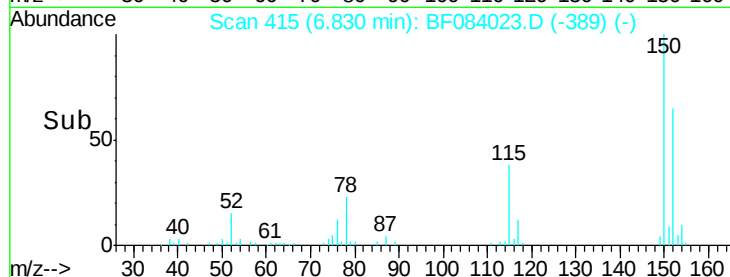
115 59.1 51.4 77.2



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: 125.26 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF084023.D

Acq: 23 Dec 2015 7:32

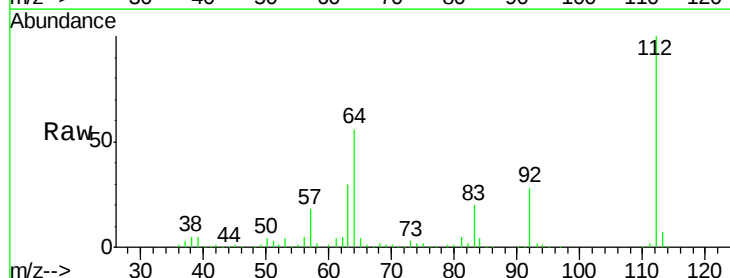
Tgt Ion:112 Resp: 328377

Ion Ratio Lower Upper

112 100

64 55.5 36.6 55.0#

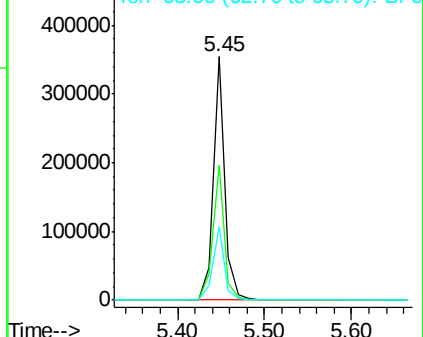
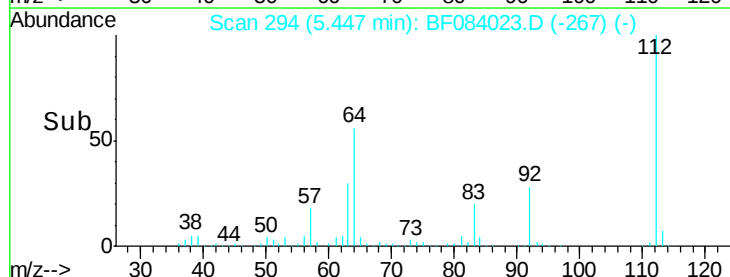
63 30.0 19.4 29.0#

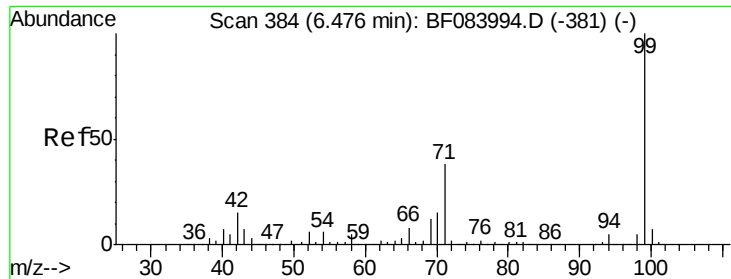


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 129.83 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084023.D

Acq: 23 Dec 2015 7:32

Instrument :

BNA_F

ClientSampleId :

IM-CLAY-012

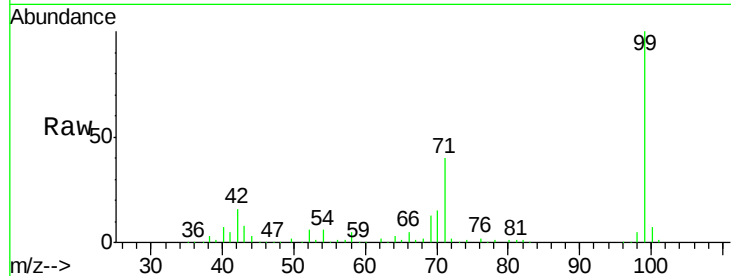
Tot Ion: 99 Resp: 400175

Ion Ratio Lower Upper

99 100

42 16.5 12.8 19.2

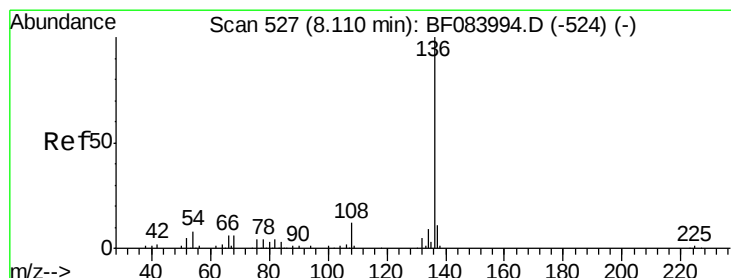
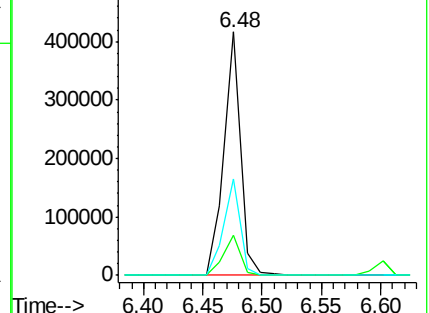
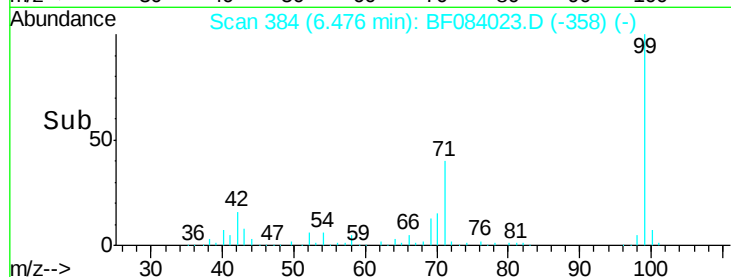
71 39.6 30.9 46.3



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: BF084023.D

Acq: 23 Dec 2015 7:32

Tgt Ion: 136 Resp: 181708

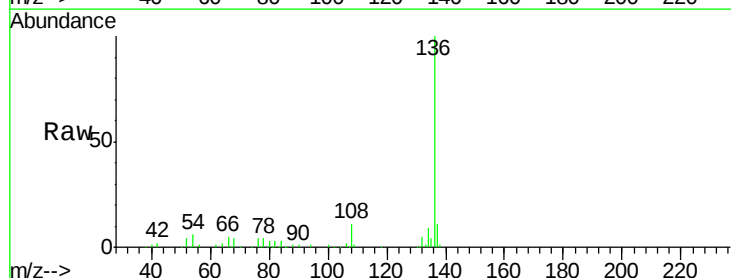
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.0 5.8 8.8

68 4.2 4.2 6.2

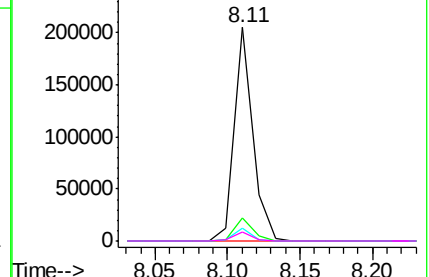
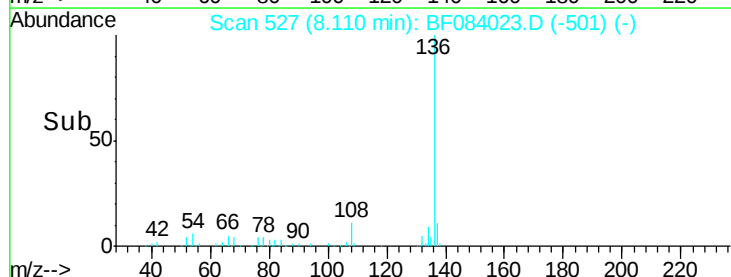


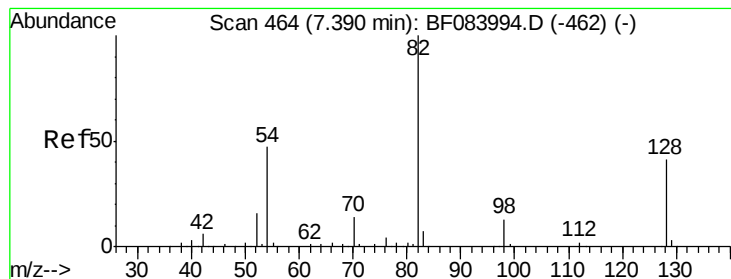
Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.46 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF084023.D

Acq: 23 Dec 2015 7:32

Instrument :

BNA_F

ClientSampleId :

IM-CLAY-012

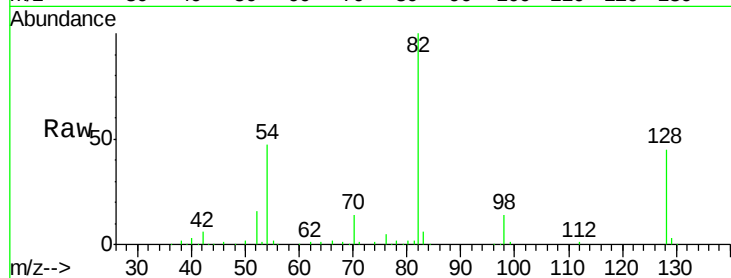
Tot Ion: 82 Resp: 252785

Ion Ratio Lower Upper

82 100

128 45.4 34.6 51.8

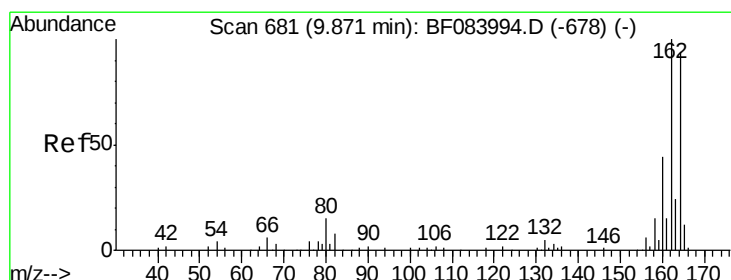
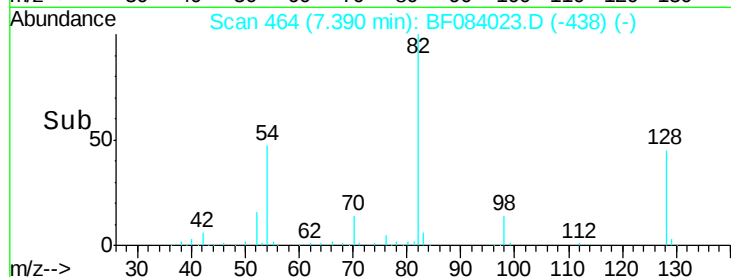
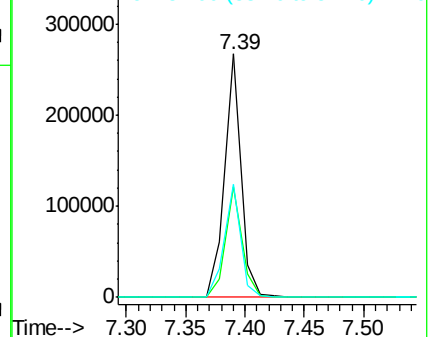
54 46.6 38.4 57.6



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: 9.87 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF084023.D

Acq: 23 Dec 2015 7:32

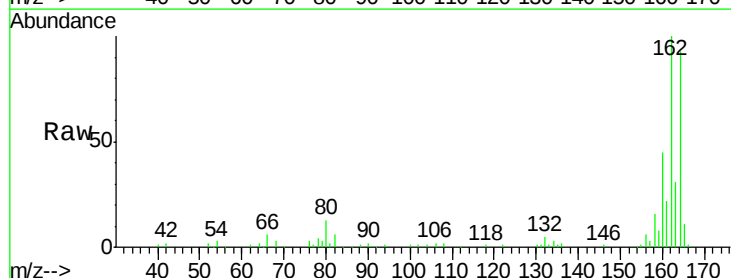
Tgt Ion:164 Resp: 90053

Ion Ratio Lower Upper

164 100

162 107.9 85.1 127.7

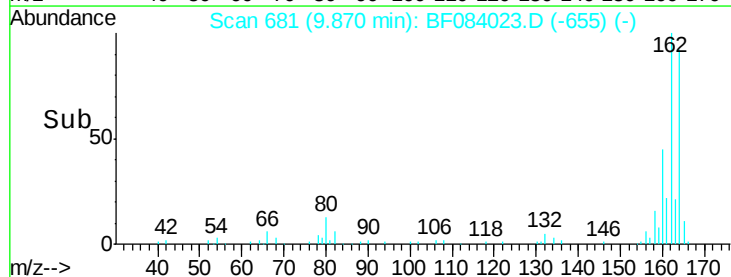
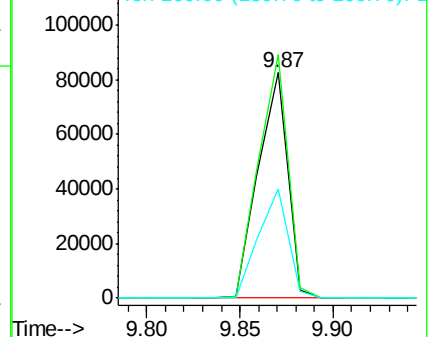
160 48.3 37.5 56.3

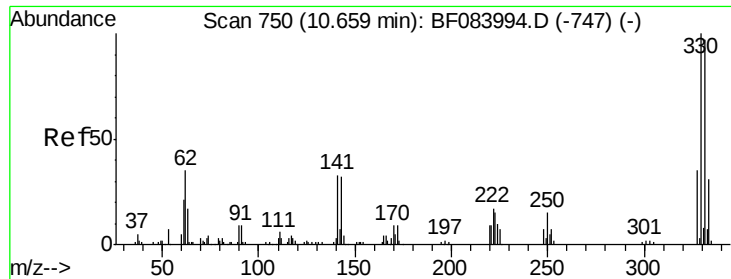


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

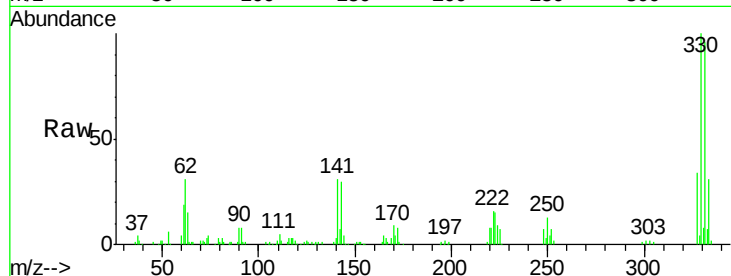




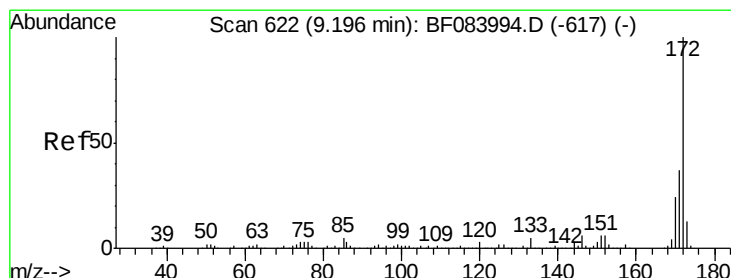
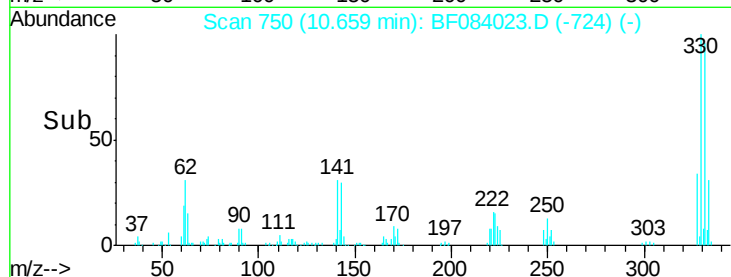
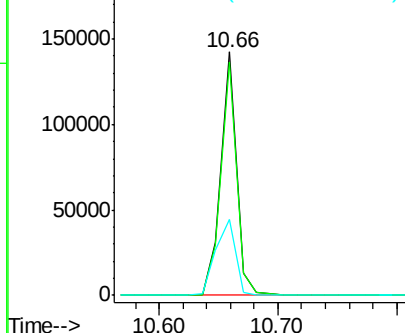
#41
 2,4,6-Tribromophenol
 Concen: 150.07 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF084023.D
 Acq: 23 Dec 2015 7:32

Instrument :
 BNA_F
 ClientSampleId :
 IM-CLAY-012

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	114.8
141	38.9	27.8	41.6

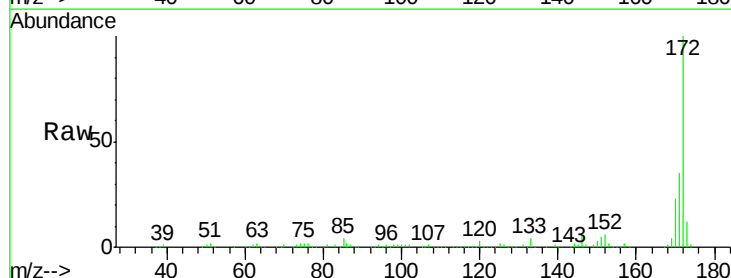


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

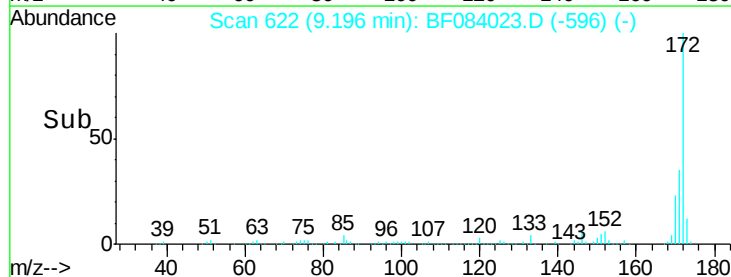
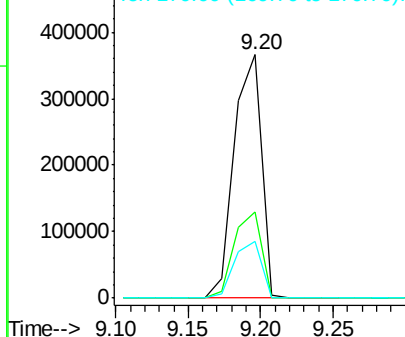


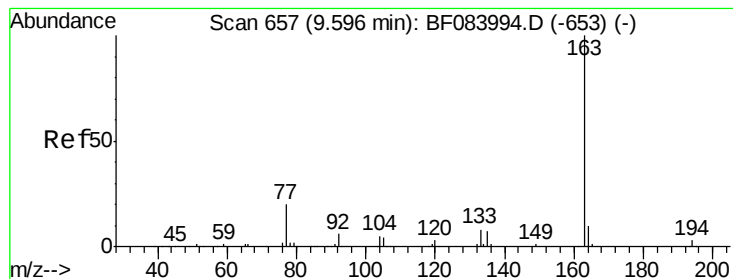
#44
 2-Fluorobiphenyl
 Concen: 71.53 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084023.D
 Acq: 23 Dec 2015 7:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.9	43.3
170	23.2	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: 13.97 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF084023.D

Acq: 23 Dec 2015 7:32

Instrument :

BNA_F

ClientSampleID :

IM-CLAY-012

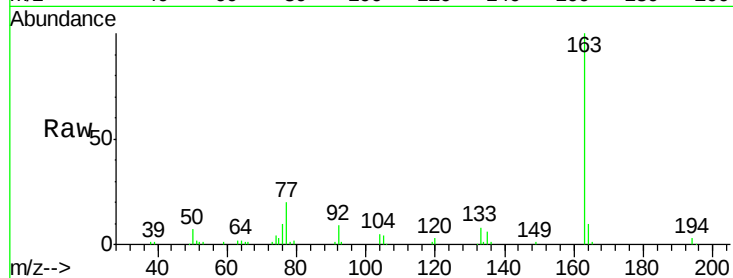
Tot Ion:163 Resp: 98472

Ion Ratio Lower Upper

163 100

194 2.8 8.0 12.0#

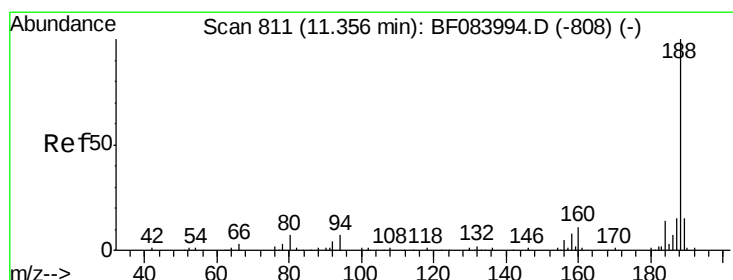
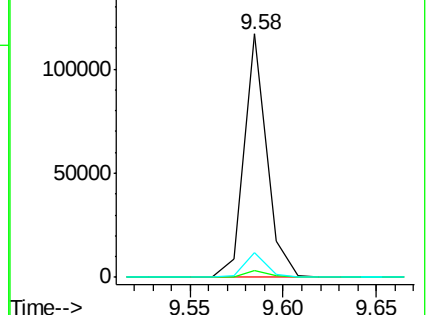
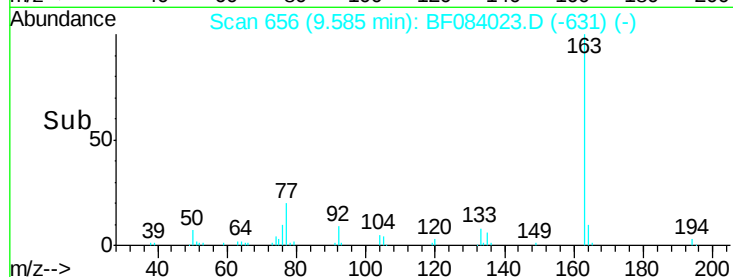
164 10.1 8.0 12.0



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: BF084023.D

Acq: 23 Dec 2015 7:32

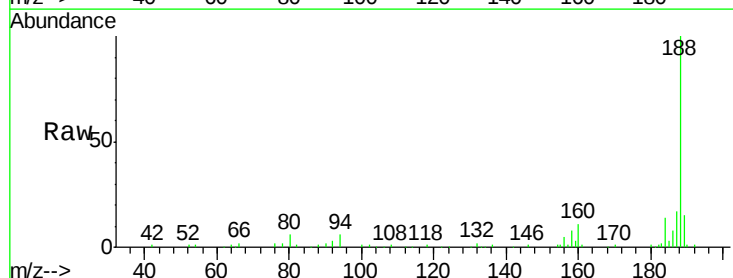
Tgt Ion:188 Resp: 174311

Ion Ratio Lower Upper

188 100

94 6.1 9.0 13.4#

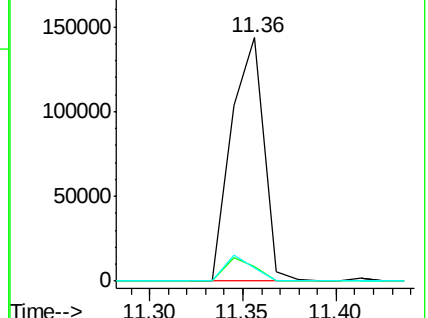
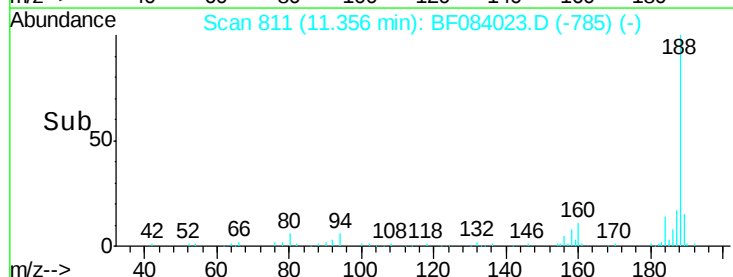
80 5.7 9.6 14.4#

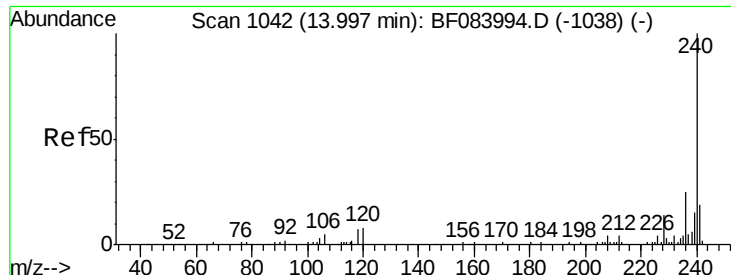


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

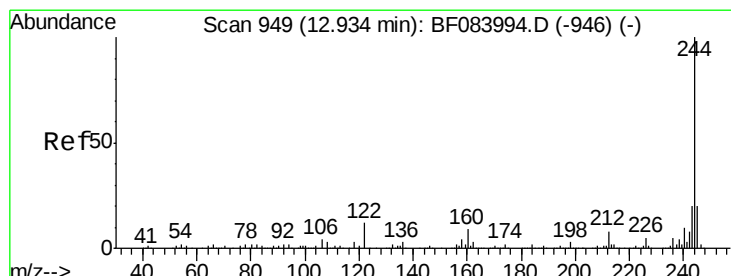
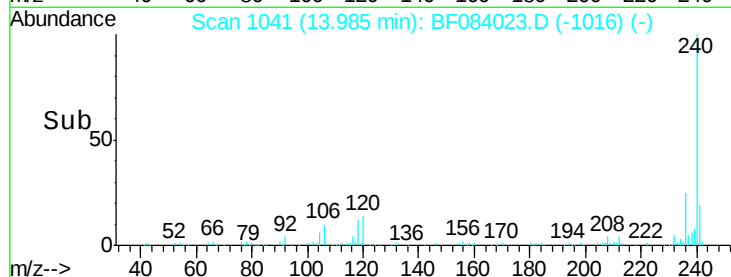
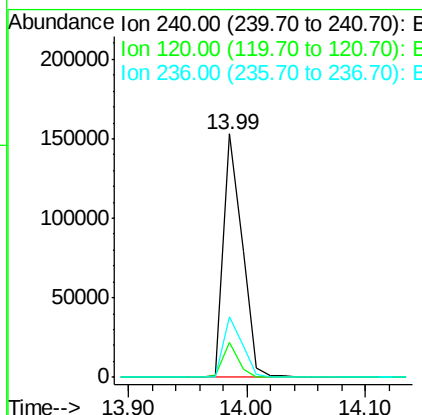
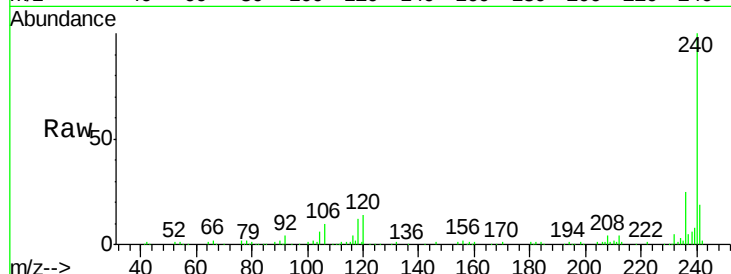




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF084023.D
 Acq: 23 Dec 2015 7:32

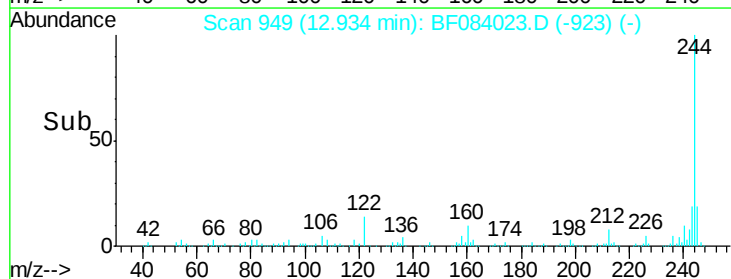
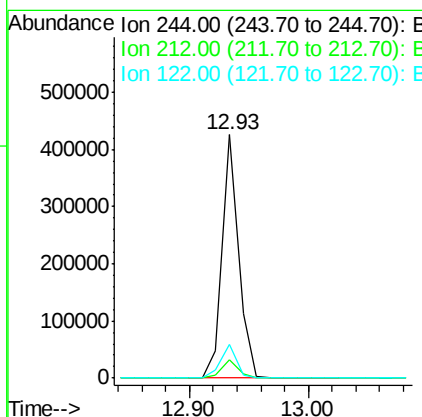
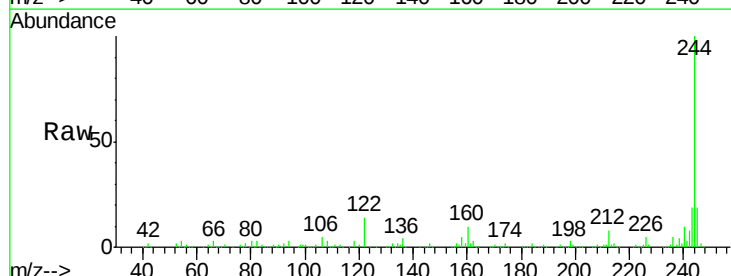
Instrument :
 BNA_F
 ClientSampleId :
 IM-CLAY-012

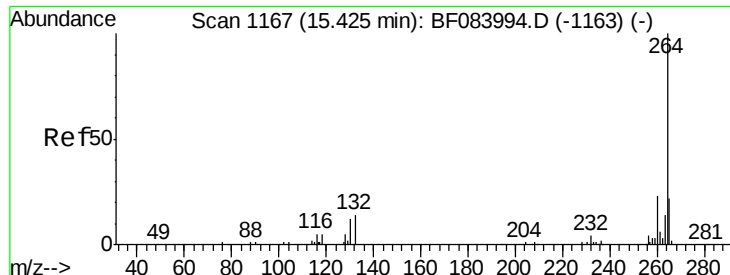
Tot Ion:240 Resp: 166149
 Ion Ratio Lower Upper
 240 100
 120 14.2 9.5 14.3
 236 25.1 20.6 31.0



#78
 Terphenyl-d14
 Concen: 58.18 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF084023.D
 Acq: 23 Dec 2015 7:32

Tgt Ion:244 Resp: 405364
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.7 8.5
 122 13.9 7.4 11.0#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF084023.D
Acq: 23 Dec 2015 7:32

Instrument :
BNA_F
ClientSampleId :
IM-CLAY-012

Tot Ion: 264 Resp: 127508

Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.4	29.2
265	20.6	17.8	26.6

