

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
 Data File : BF083563.D
 Acq On : 7 Dec 2015 18:29
 Operator : UM/IZ
 Sample : G4569-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IM-CLAY-002

Quant Time: Dec 08 01:39:01 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

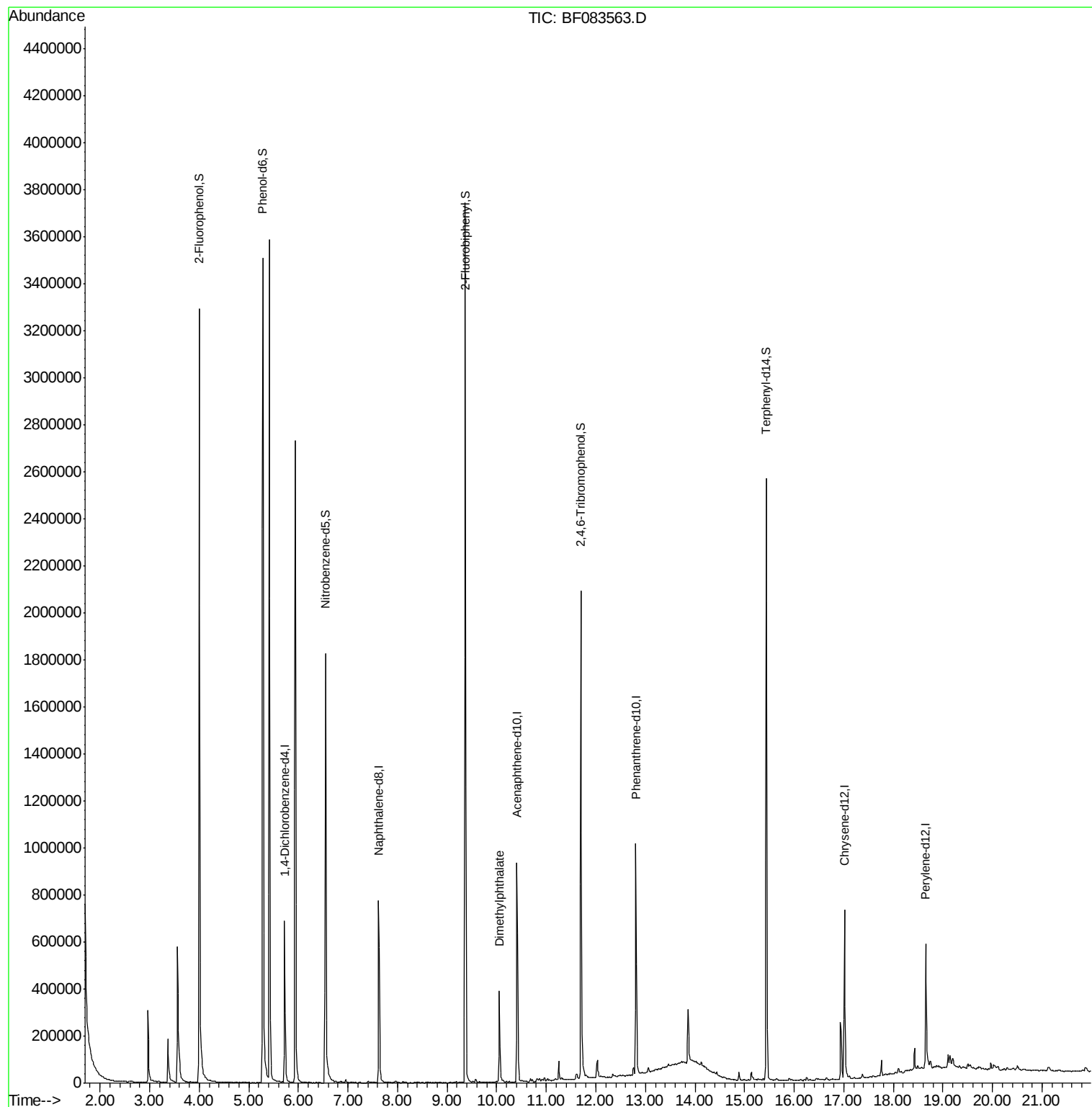
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.72	152	141793	20.00	ng	-0.05
21) Naphthalene-d8	7.62	136	563648	20.00	ng	-0.06
38) Acenaphthene-d10	10.41	164	276947	20.00	ng	-0.06
63) Phenanthrene-d10	12.81	188	518232	20.00	ng	-0.05
75) Chrysene-d12	17.01	240	380947	20.00	ng	-0.03
86) Perylene-d12	18.65	264	310943	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.00	112	1259806	134.79	ng	-0.03
7) Phenol-d6	5.29	99	1766495	137.18	ng	-0.03
23) Nitrobenzene-d5	6.54	82	1114874	92.46	ng	-0.06
41) 2,4,6-Tribromophenol	11.70	330	334853	131.07	ng	-0.06
44) 2-Fluorobiphenyl	9.37	172	1680293	82.29	ng	-0.06
78) Terphenyl-d14	15.44	244	1331747	77.79	ng	-0.05
Target Compounds						
49) Dimethylphthalate	10.05	163	215222	9.87	ng	Qvalue 97

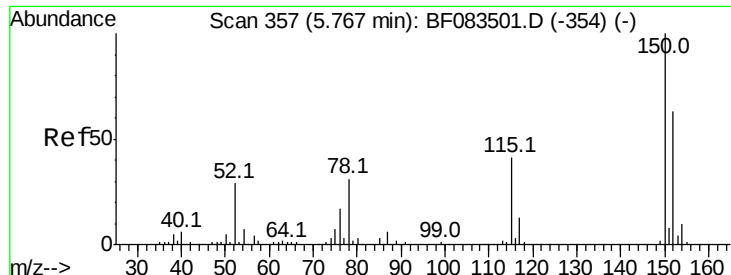
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.72 min Scan# 353

Delta R.T. -0.05 min

Lab File: BF083563.D

Acq: 7 Dec 2015 18:29

Instrument :

BNA_F

ClientSampleId :

IM-CLAY-002

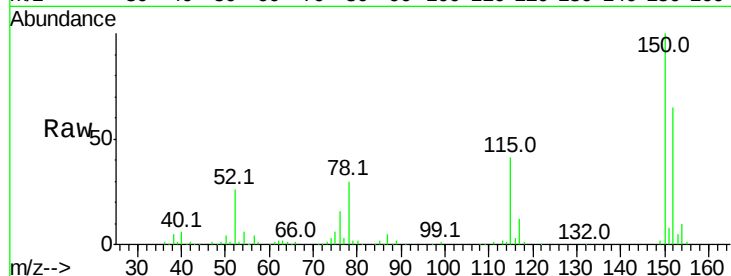
Tot Ion:152 Resp: 141793

Ion Ratio Lower Upper

152 100

150 154.1 126.5 189.7

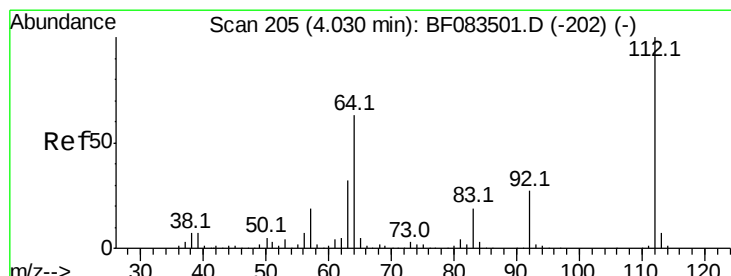
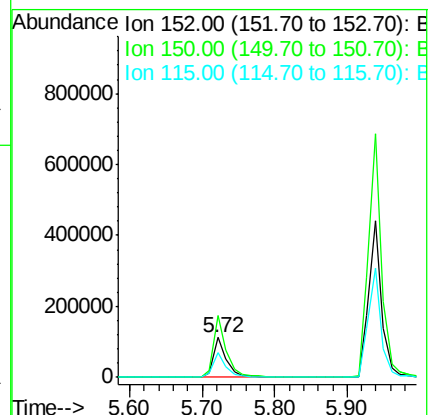
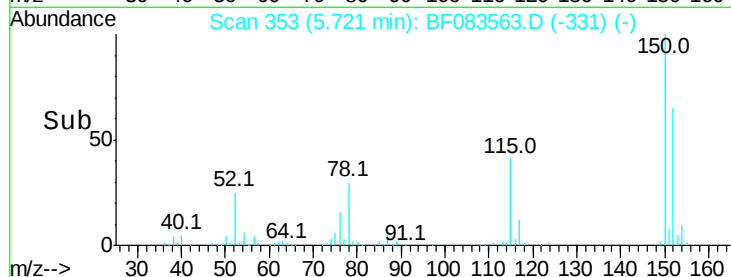
115 62.5 52.3 78.5



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: 134.79 ng

RT: 4.00 min Scan# 202

Delta R.T. -0.03 min

Lab File: BF083563.D

Acq: 7 Dec 2015 18:29

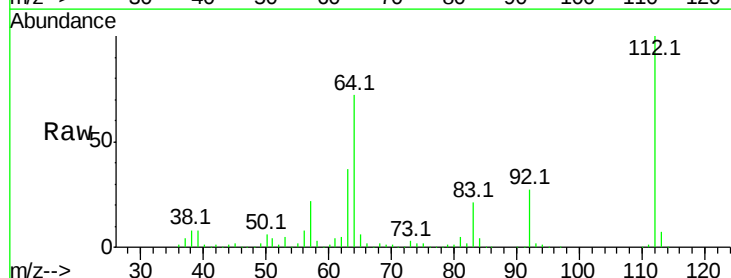
Tgt Ion:112 Resp: 1259806

Ion Ratio Lower Upper

112 100

64 72.5 50.5 75.7

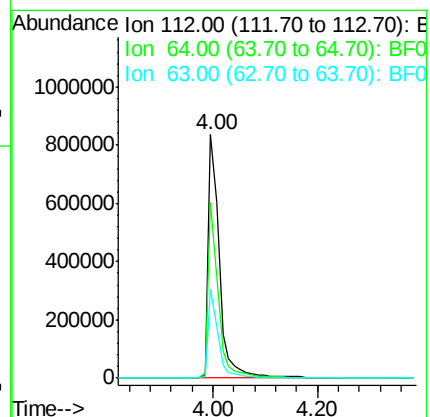
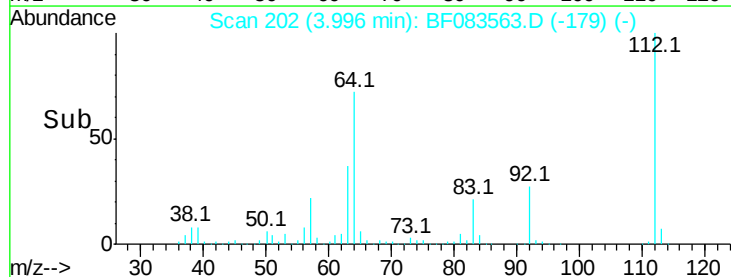
63 36.7 25.8 38.6

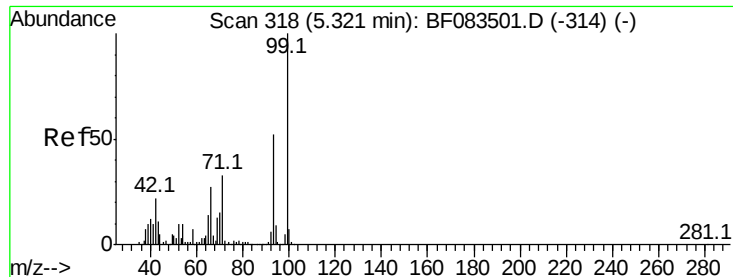


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 137.18 ng

RT: 5.29 min Scan# 315

Delta R.T. -0.03 min

Lab File: BF083563.D

Acq: 7 Dec 2015 18:29

Instrument :

BNA_F

ClientSampleId :

IM-CLAY-002

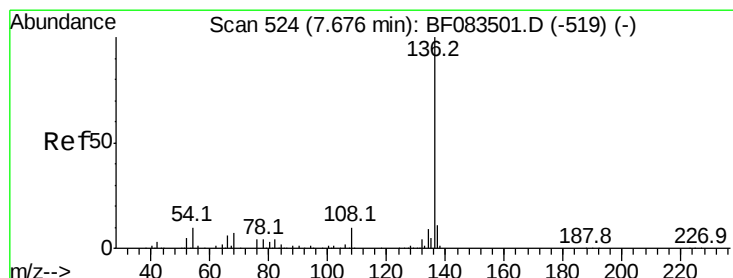
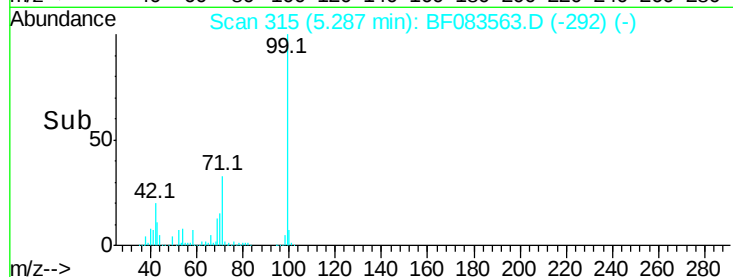
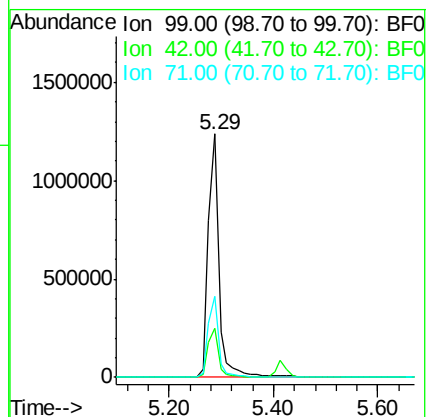
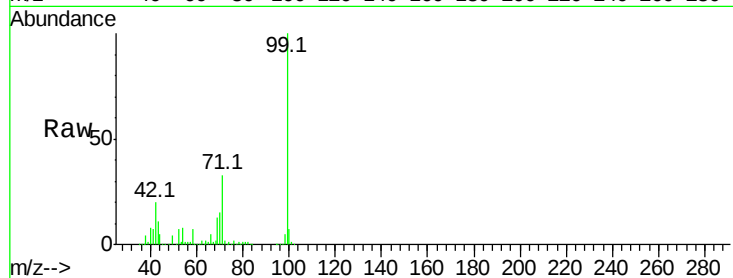
Tot Ion: 99 Resp: 1766495

Ion Ratio Lower Upper

99 100

42 20.0 17.3 25.9

71 33.4 26.6 40.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.62 min Scan# 519

Delta R.T. -0.06 min

Lab File: BF083563.D

Acq: 7 Dec 2015 18:29

Tgt Ion: 136 Resp: 563648

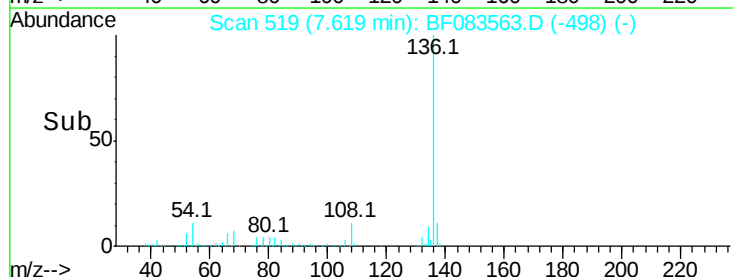
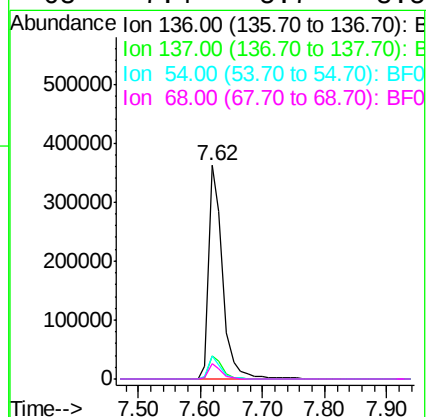
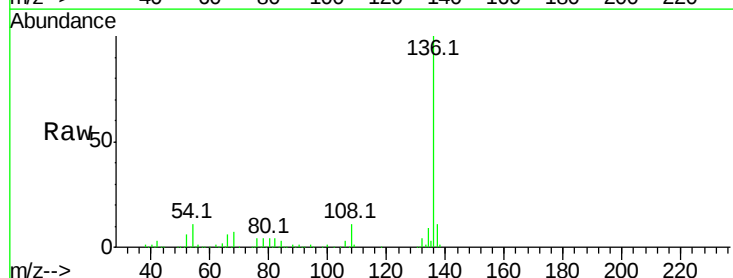
Ion Ratio Lower Upper

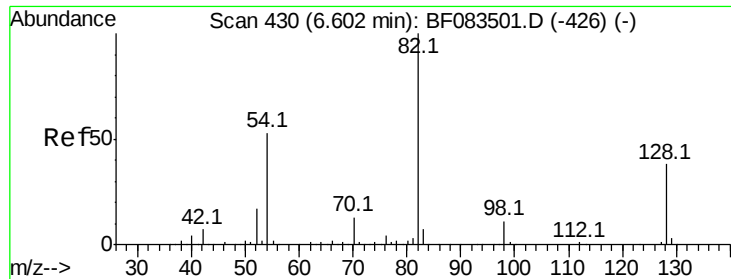
136 100

137 11.0 8.7 13.1

54 11.0 7.8 11.6

68 7.4 5.7 8.5

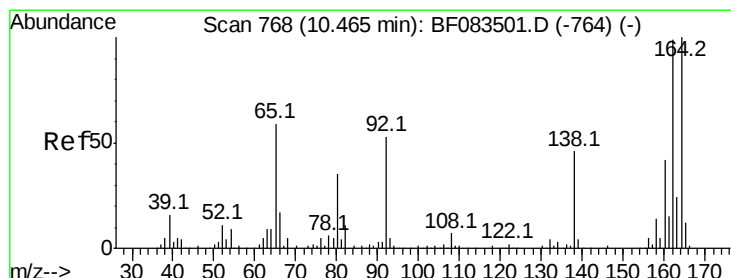
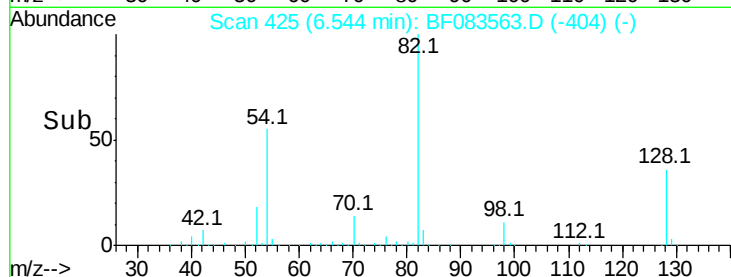
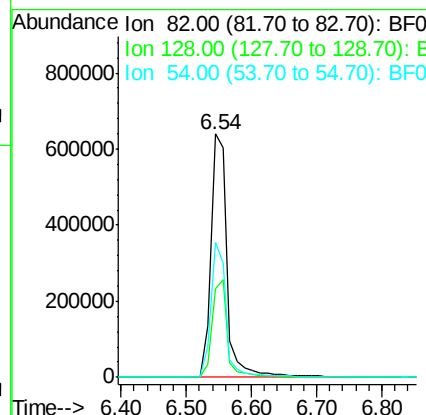
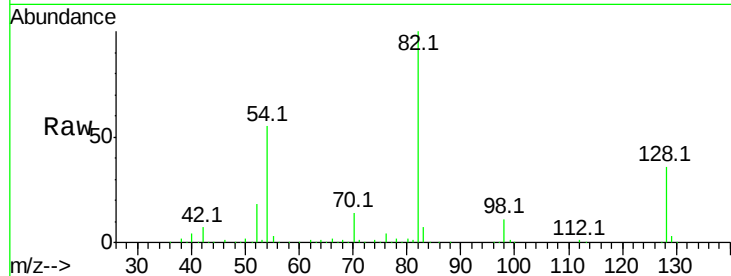




#23
 Nitrobenzene-d5
 Concen: 92.46 ng
 RT: 6.54 min Scan# 425
 Delta R.T. -0.06 min
 Lab File: BF083563.D
 Acq: 7 Dec 2015 18:29

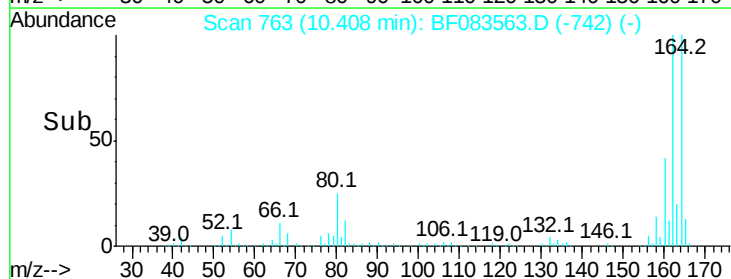
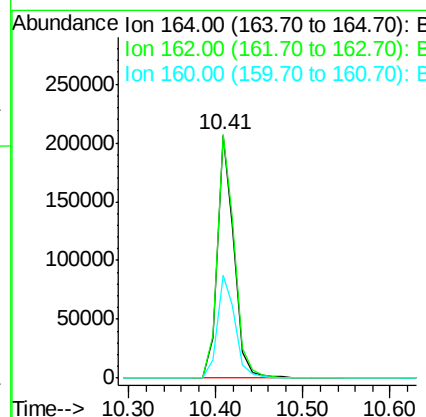
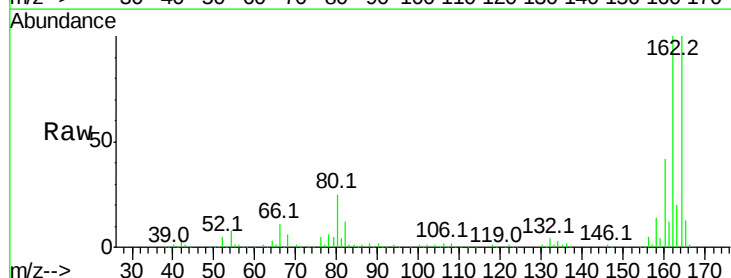
Instrument :
 BNA_F
 ClientSampleId :
 IM-CLAY-002

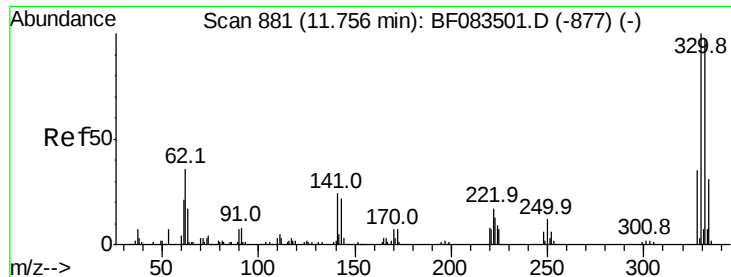
Tot Ion: 82 Resp: 1114874
 Ion Ratio Lower Upper
 82 100
 128 36.4 30.7 46.1
 54 55.2 42.5 63.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.41 min Scan# 763
 Delta R.T. -0.06 min
 Lab File: BF083563.D
 Acq: 7 Dec 2015 18:29

Tgt Ion:164 Resp: 276947
 Ion Ratio Lower Upper
 164 100
 162 100.3 78.8 118.2
 160 42.6 33.4 50.2

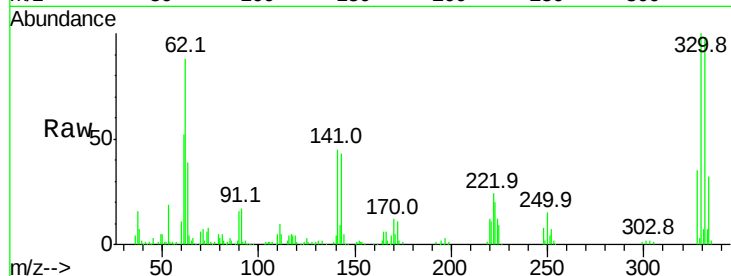




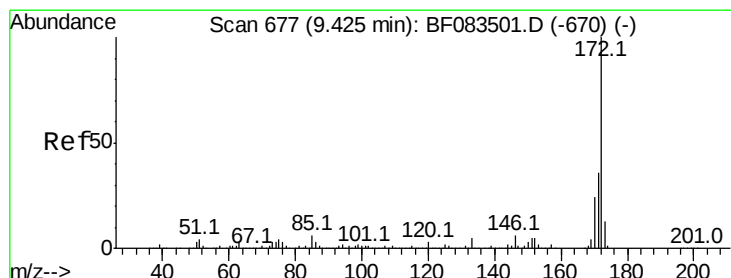
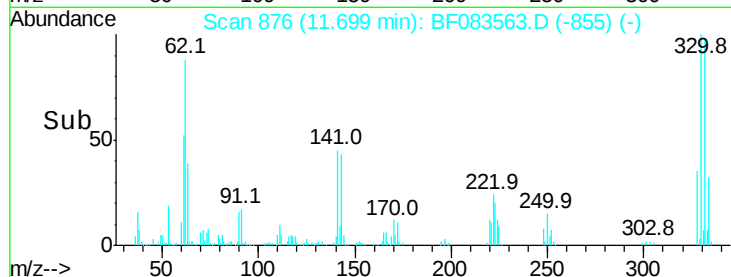
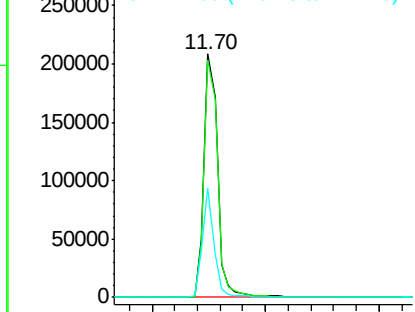
#41
 2,4,6-Tribromophenol
 Concen: 131.07 ng
 RT: 11.70 min Scan# 876
 Delta R.T. -0.06 min
 Lab File: BF083563.D
 Acq: 7 Dec 2015 18:29

Instrument :
 BNA_F
 ClientSampleId :
 IM-CLAY-002

Tot Ion:330 Resp: 334853
 Ion Ratio Lower Upper
 330 100
 332 98.0 0.0 0.0#
 141 38.3 0.0 0.0#

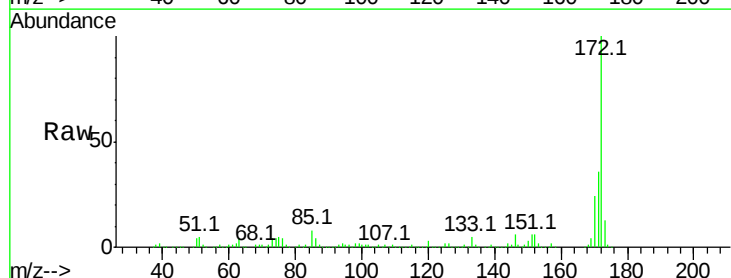


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

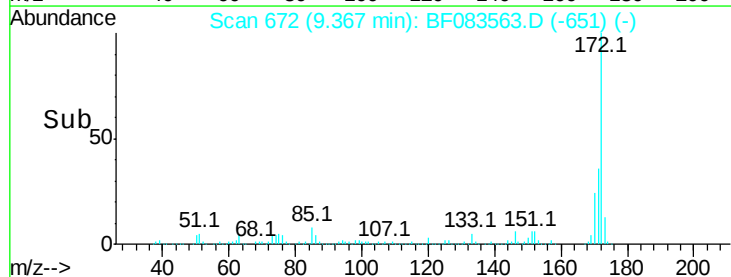
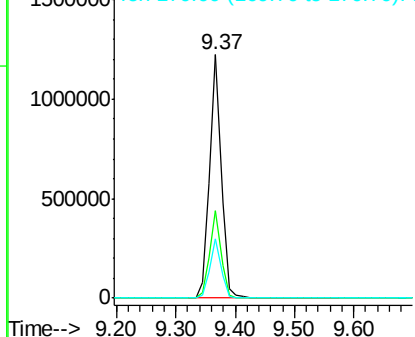


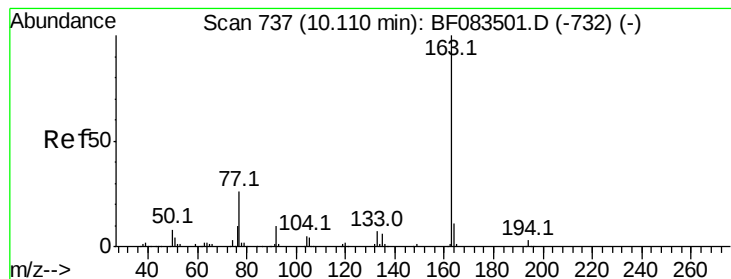
#44
 2-Fluorobiphenyl
 Concen: 82.29 ng
 RT: 9.37 min Scan# 672
 Delta R.T. -0.06 min
 Lab File: BF083563.D
 Acq: 7 Dec 2015 18:29

Tgt Ion:172 Resp: 1680293
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 42.8
 170 24.3 19.4 29.0



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: 9.87 ng

RT: 10.05 min Scan# 732

Delta R.T. -0.06 min

Lab File: BF083563.D

Acq: 7 Dec 2015 18:29

Instrument :

BNA_F

ClientSampleId :

IM-CLAY-002

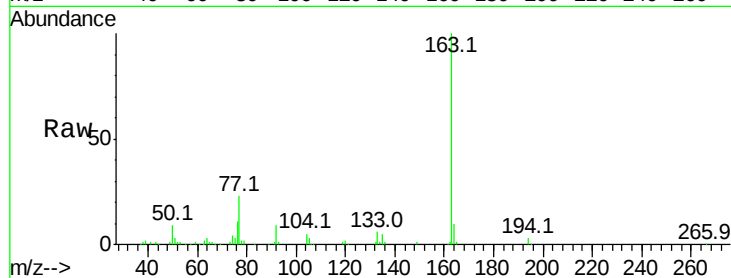
Tot Ion:163 Resp: 215222

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

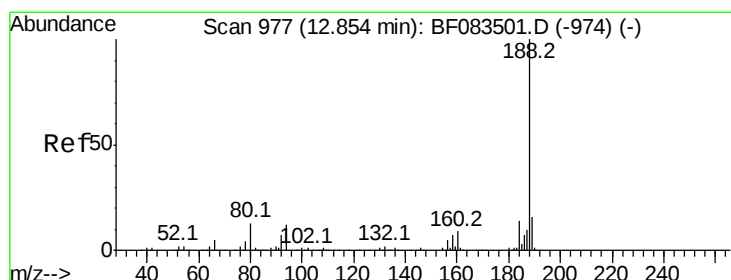
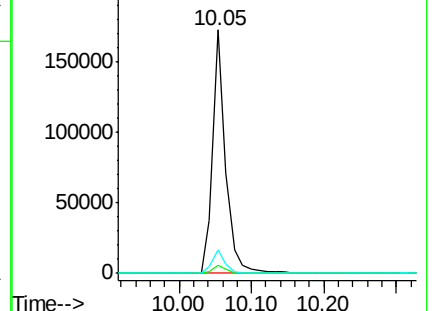
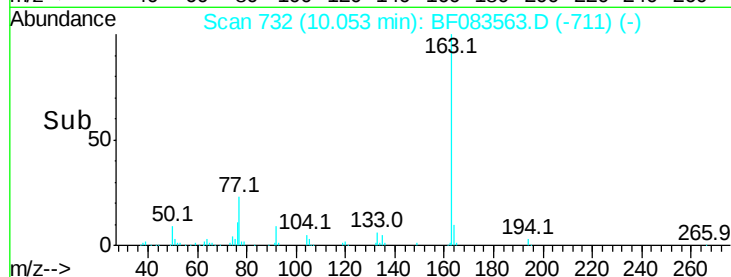
164 9.6 8.6 13.0



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: 12.81 min Scan# 973

Delta R.T. -0.05 min

Lab File: BF083563.D

Acq: 7 Dec 2015 18:29

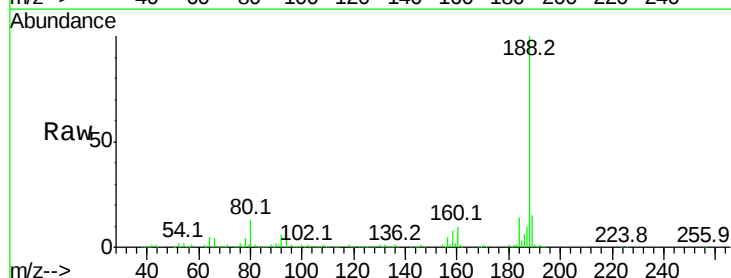
Tgt Ion:188 Resp: 518232

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

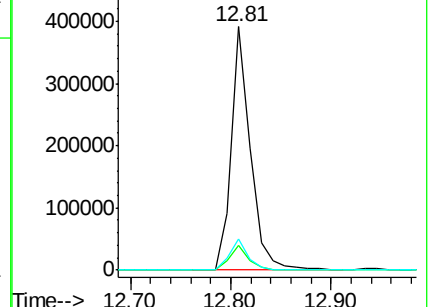
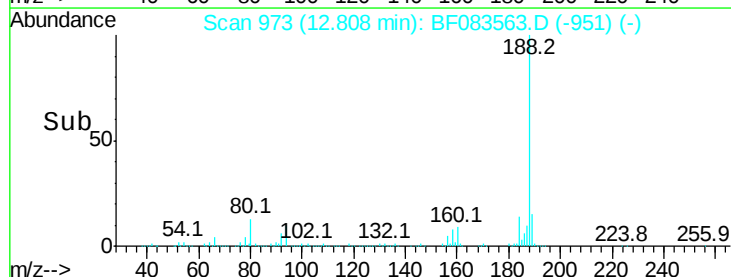
80 12.6 10.6 16.0

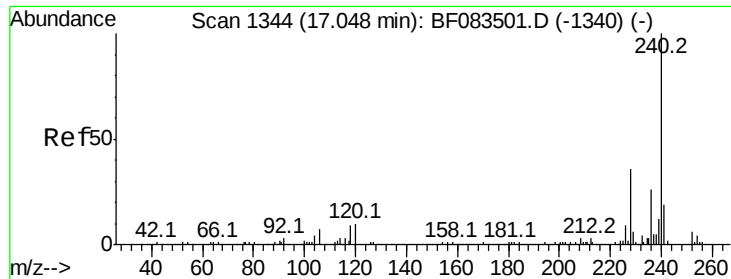


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

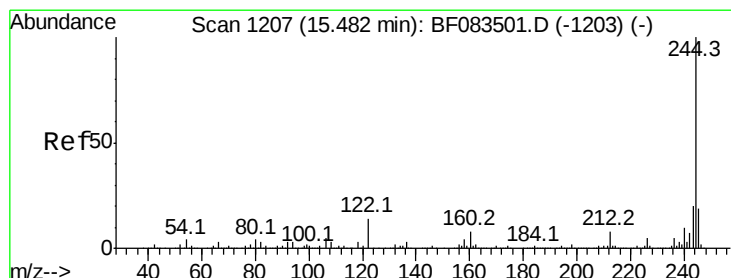
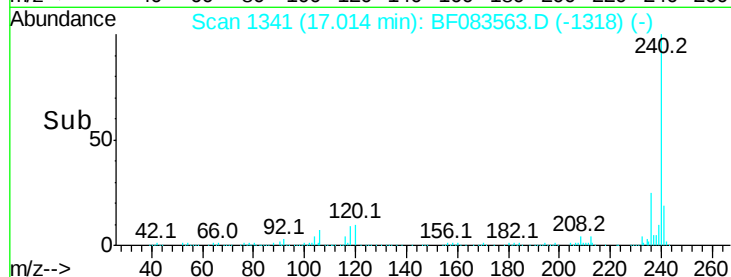
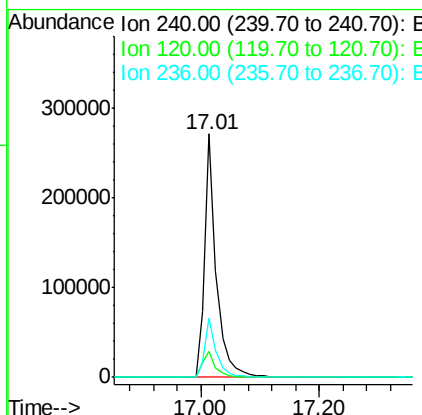
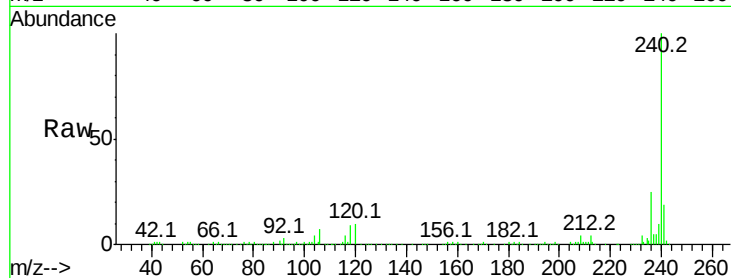




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 17.01 min Scan# 1341
 Delta R.T. -0.03 min
 Lab File: BF083563.D
 Acq: 7 Dec 2015 18:29

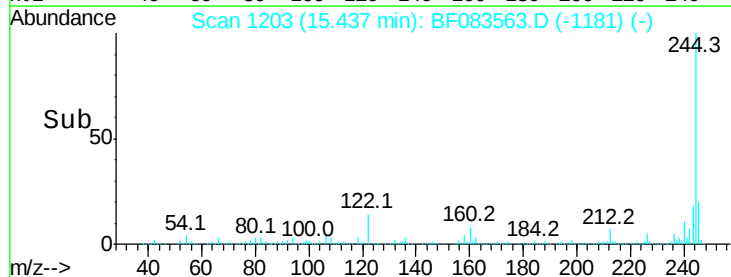
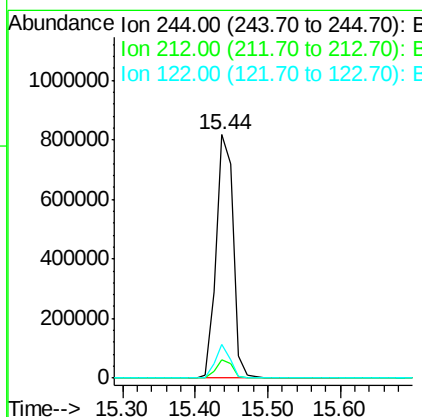
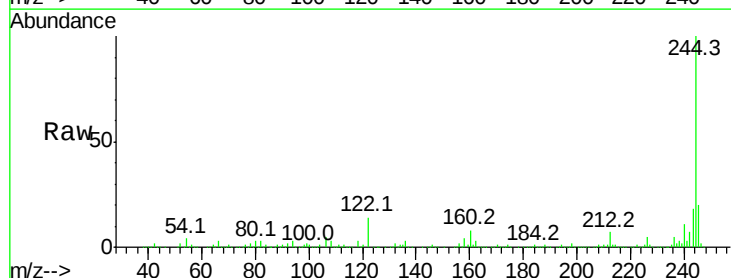
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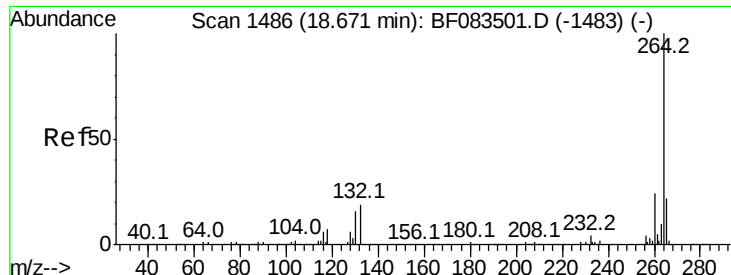
Tot Ion:240 Resp: 380947
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.1 12.1
 236 24.6 20.8 31.2



#78
 Terphenyl-d14
 Concen: 77.79 ng
 RT: 15.44 min Scan# 1203
 Delta R.T. -0.05 min
 Lab File: BF083563.D
 Acq: 7 Dec 2015 18:29

Tgt Ion:244 Resp: 1331747
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 13.8 11.0 16.6

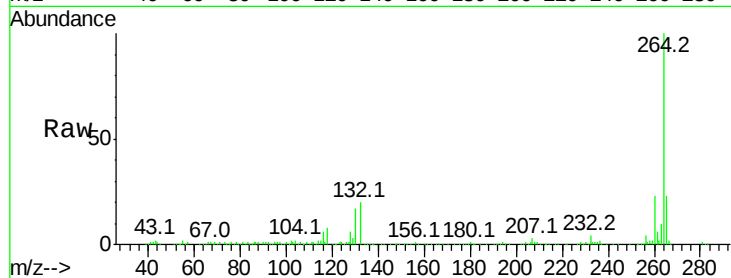




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 18.65 min Scan# 1484
 Delta R.T. -0.02 min
 Lab File: BF083563.D
 Acq: 7 Dec 2015 18:29

Instrument :
 BNA_F
 ClientSampleId :
 IM-CLAY-002

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.0
265	23.0	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

