

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
 Data File : BF084448.D
 Acq On : 13 Jan 2016 18:22
 Operator : SJ/UM
 Sample : H1105-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IM-CLAY-013

Quant Time: Jan 14 14:23:19 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

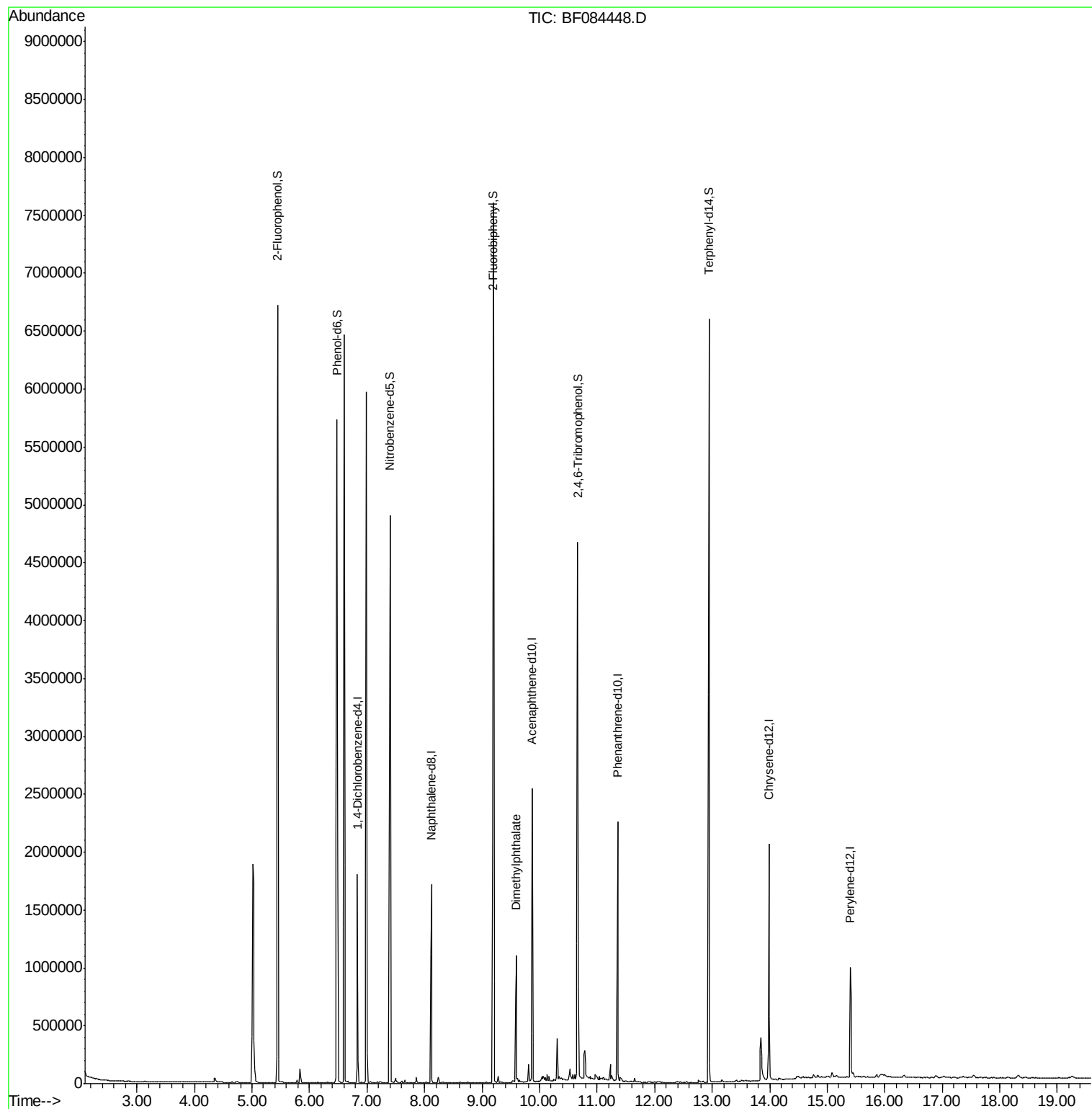
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	237494	20.00	ng	-0.07
21) Naphthalene-d8	8.12	136	981933	20.00	ng	-0.07
38) Acenaphthene-d10	9.87	164	476860	20.00	ng	-0.08
63) Phenanthrene-d10	11.36	188	884384	20.00	ng	-0.07
75) Chrysene-d12	13.99	240	708371	20.00	ng	-0.08
86) Perylene-d12	15.40	264	471450	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	2032362	138.42	ng	-0.04
7) Phenol-d6	6.48	99	2367271	128.37	ng	-0.06
23) Nitrobenzene-d5	7.40	82	1773825	100.54	ng	-0.07
41) 2,4,6-Tribromophenol	10.66	330	531829	110.47	ng	-0.08
44) 2-Fluorobiphenyl	9.20	172	2302513	84.94	ng	-0.07
78) Terphenyl-d14	12.95	244	2252128	70.97	ng	-0.07
Target Compounds						
49) Dimethylphthalate	9.60	163	583117	17.10	ng	Qvalue # 91

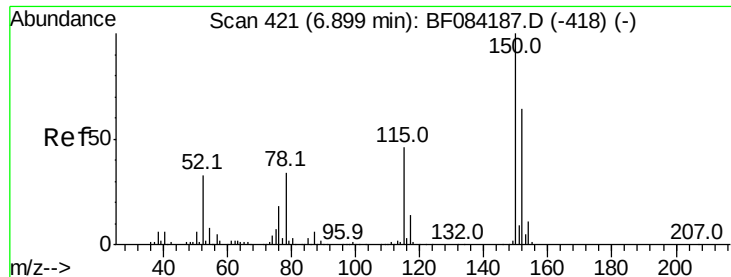
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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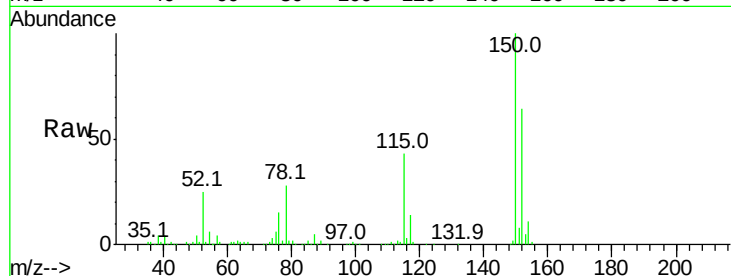


#1

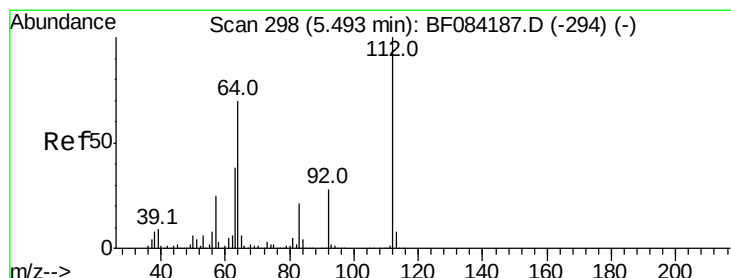
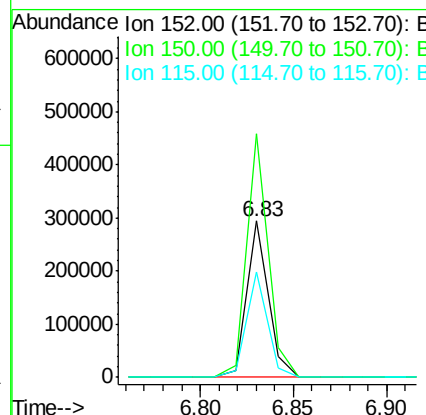
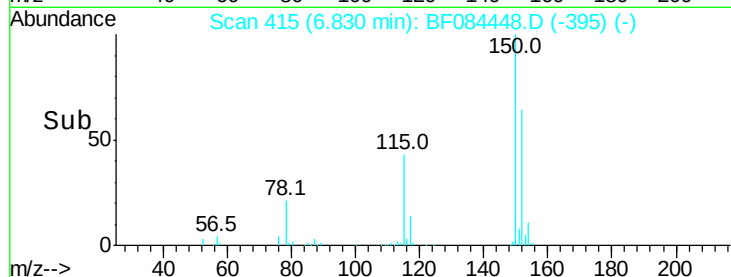
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.07 min
Lab File: BF084448.D
Acq: 13 Jan 2016 18:22

Instrument :
BNA_F
ClientSampleId :
IM-CLAY-013

Tot Ion:152 Resp: 237494
Ion Ratio Lower Upper
152 100
150 155.7 123.0 184.4
115 67.0 51.4 77.2



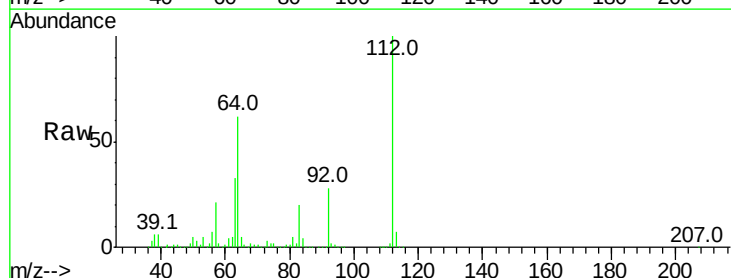
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



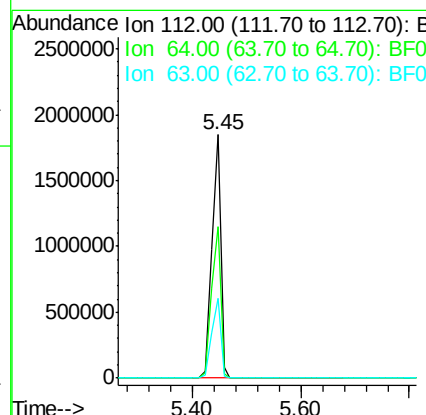
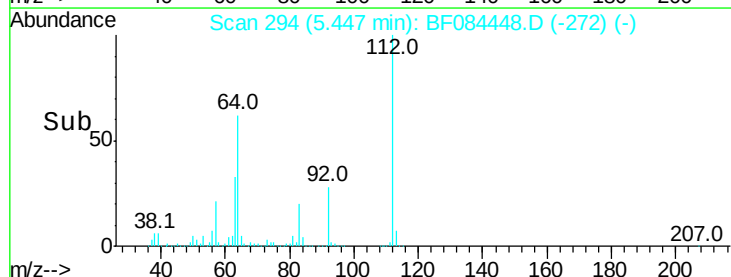
#5

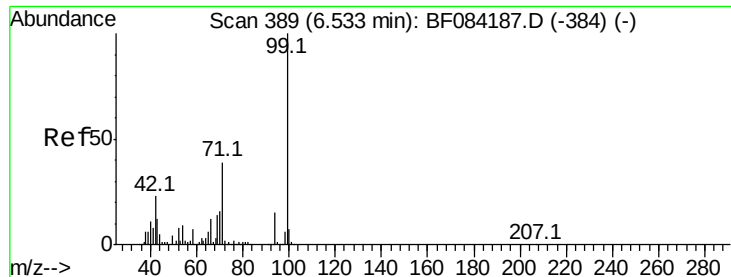
2-Fluorophenol
Concen: 138.42 ng
RT: 5.45 min Scan# 294
Delta R.T. -0.04 min
Lab File: BF084448.D
Acq: 13 Jan 2016 18:22

Tgt Ion:112 Resp: 2032362
Ion Ratio Lower Upper
112 100
64 62.3 36.6 55.0#
63 32.8 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: 128.37 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.06 min

Lab File: BF084448.D

Acq: 13 Jan 2016 18:22

Instrument :

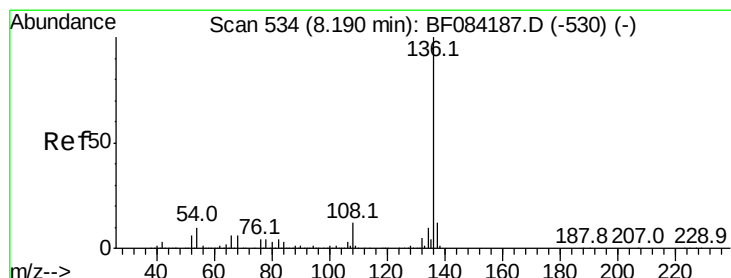
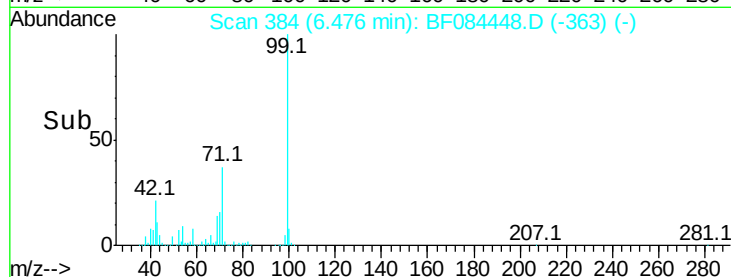
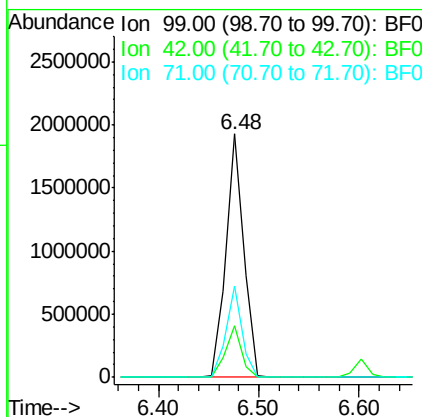
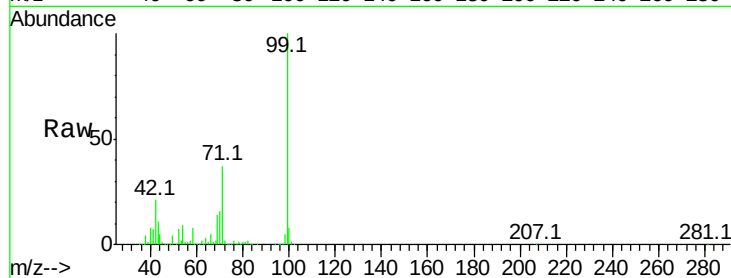
BNA_F

ClientSampleId :

IM-CLAY-013

Tot Ion: 99 Resp: 2367271

Ion	Ratio	Lower	Upper
99	100		
42	21.1	12.8	19.2#
71	37.3	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

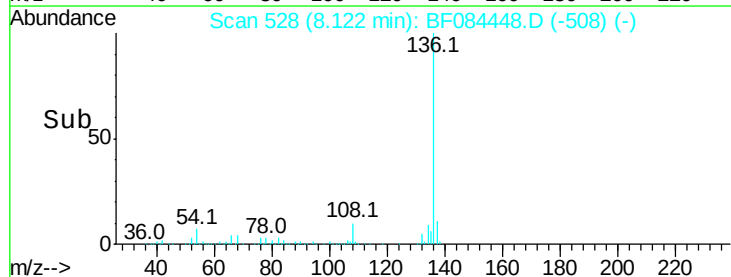
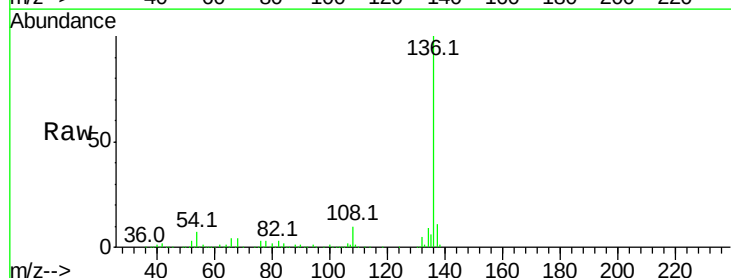
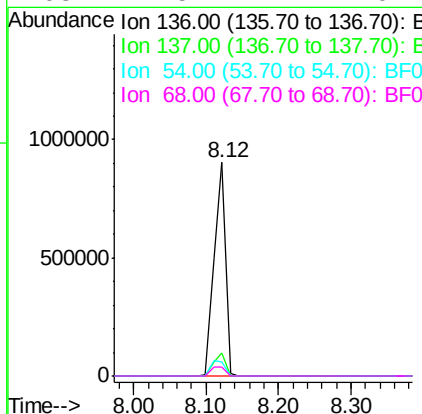
Delta R.T. -0.07 min

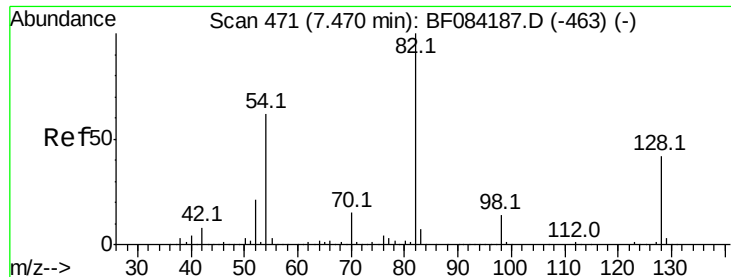
Lab File: BF084448.D

Acq: 13 Jan 2016 18:22

Tgt Ion: 136 Resp: 981933

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.7	5.8	8.8
68	4.5	4.2	6.2



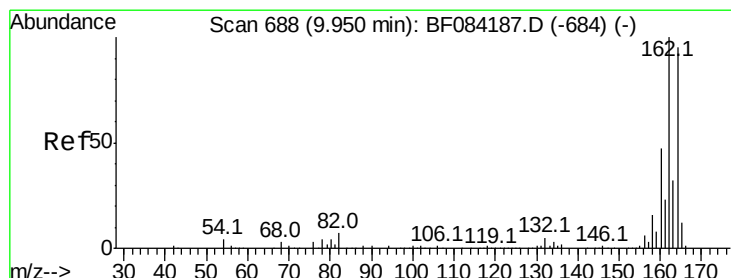
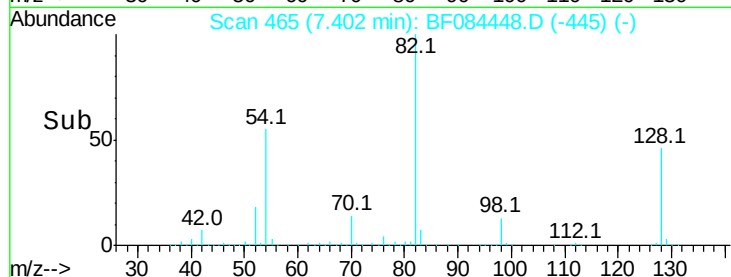
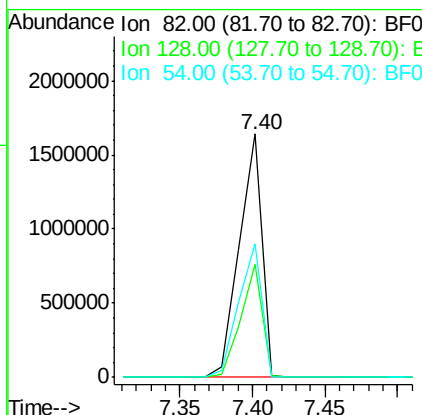
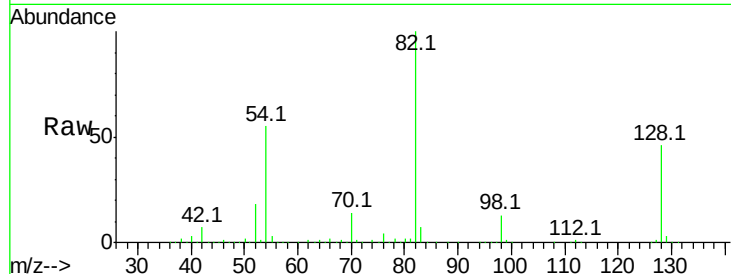


#23
 Nitrobenzene-d5
 Concen: 100.54 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.07 min
 Lab File: BF084448.D
 Acq: 13 Jan 2016 18:22

Instrument :
 BNA_F
 ClientSampleId :
 IM-CLAY-013

Tot Ion: 82 Resp: 1773825

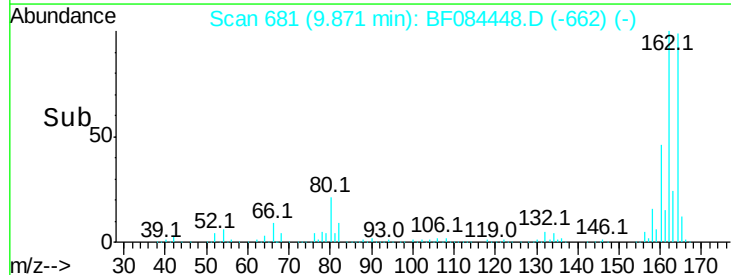
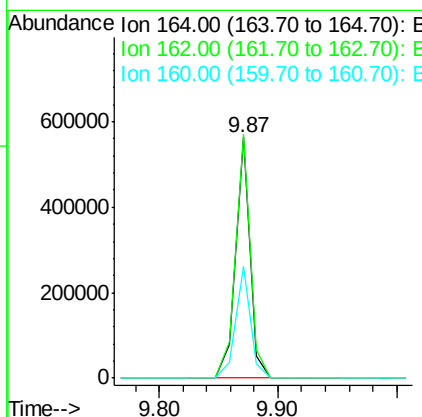
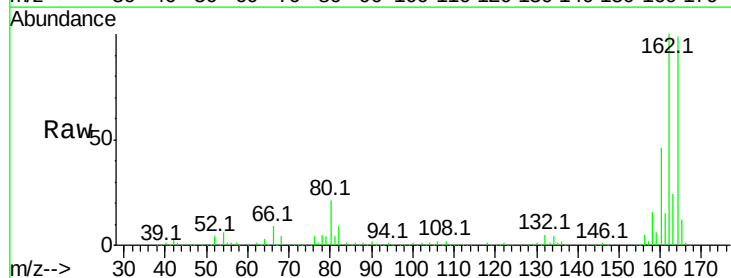
Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.6	51.8
54	54.9	38.4	57.6

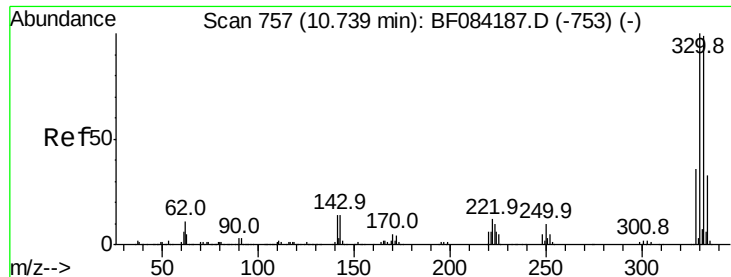


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.08 min
 Lab File: BF084448.D
 Acq: 13 Jan 2016 18:22

Tgt Ion:164 Resp: 476860

Ion	Ratio	Lower	Upper
164	100		
162	101.3	85.1	127.7
160	46.6	37.5	56.3

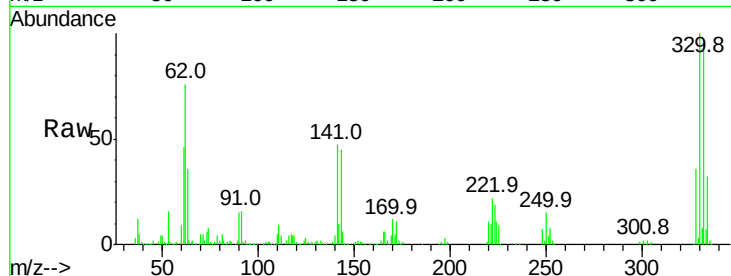




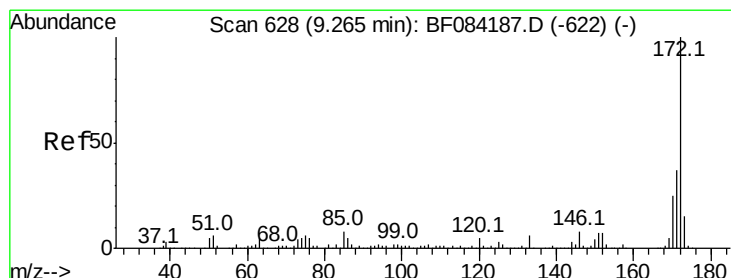
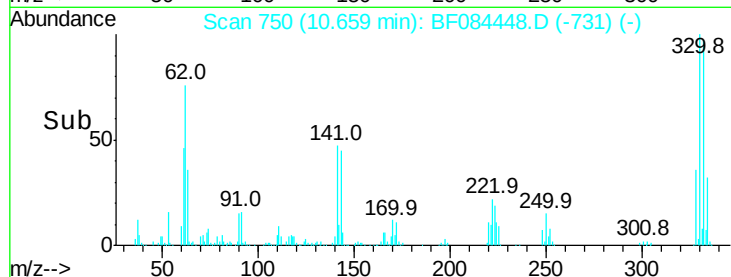
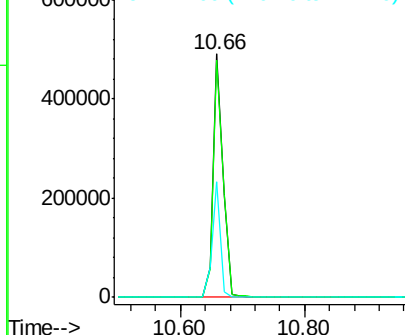
#41
 2,4,6-Tribromophenol
 Concen: 110.47 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.08 min
 Lab File: BF084448.D
 Acq: 13 Jan 2016 18:22

Instrument :
 BNA_F
 ClientSampleId :
 IM-CLAY-013

Tot Ion:330 Resp: 531829
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 114.8
 141 40.4 27.8 41.6

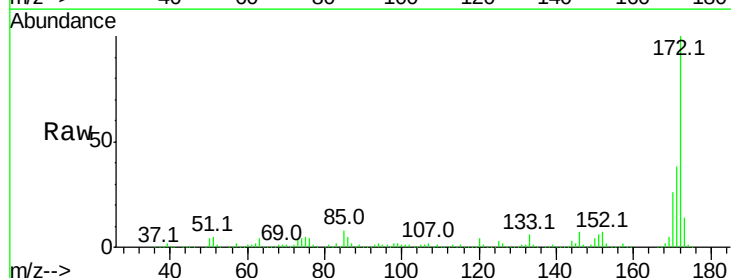


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

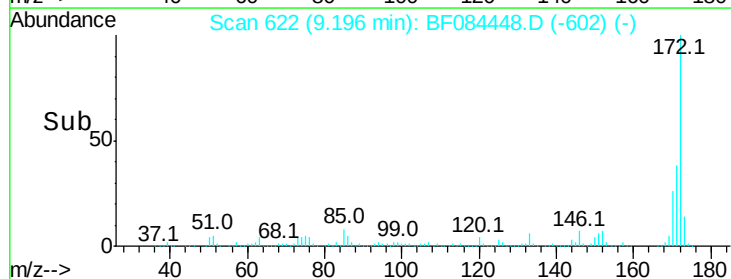
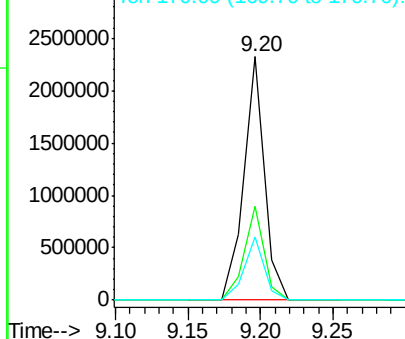


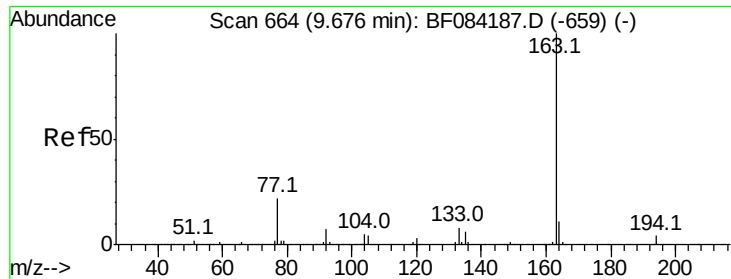
#44
 2-Fluorobiphenyl
 Concen: 84.94 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.07 min
 Lab File: BF084448.D
 Acq: 13 Jan 2016 18:22

Tgt Ion:172 Resp: 2302513
 Ion Ratio Lower Upper
 172 100
 171 38.4 28.9 43.3
 170 26.0 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: 17.10 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.08 min

Lab File: BF084448.D

Acq: 13 Jan 2016 18:22

Instrument :

BNA_F

ClientSampleId :

IM-CLAY-013

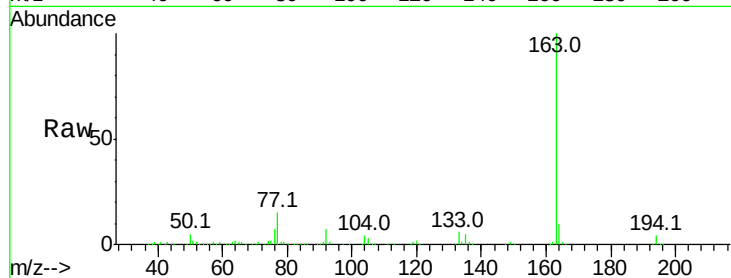
Tot Ion:163 Resp: 583117

Ion Ratio Lower Upper

163 100

194 3.6 8.0 12.0#

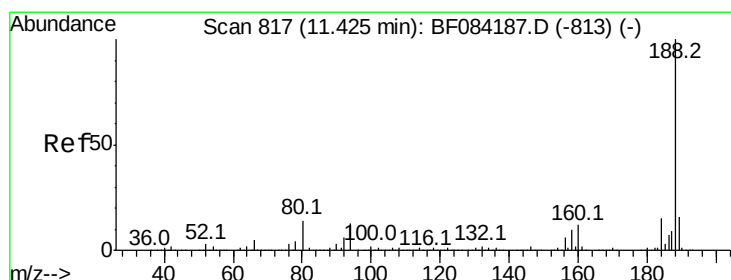
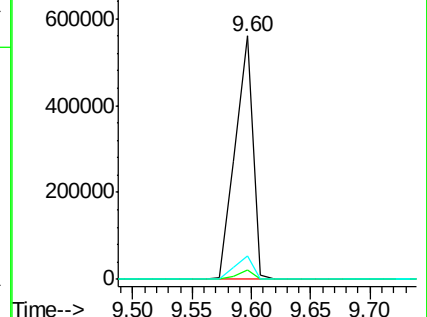
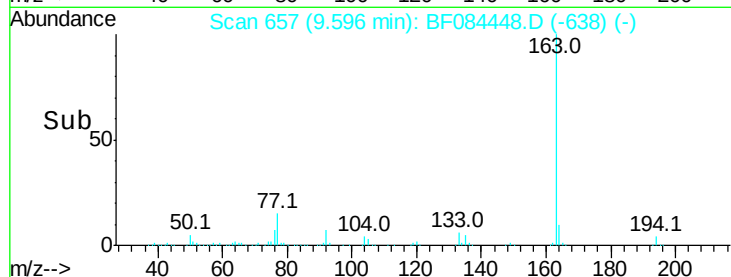
164 9.9 8.0 12.0



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. -0.07 min

Lab File: BF084448.D

Acq: 13 Jan 2016 18:22

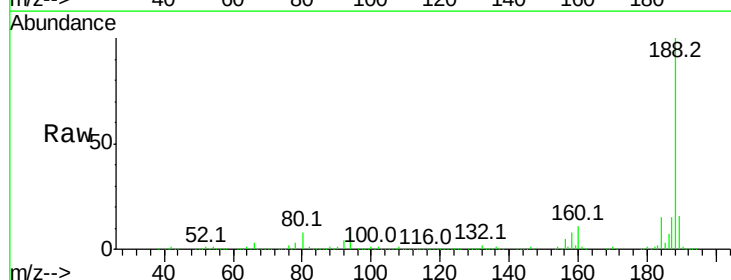
Tgt Ion:188 Resp: 884384

Ion Ratio Lower Upper

188 100

94 8.2 9.0 13.4#

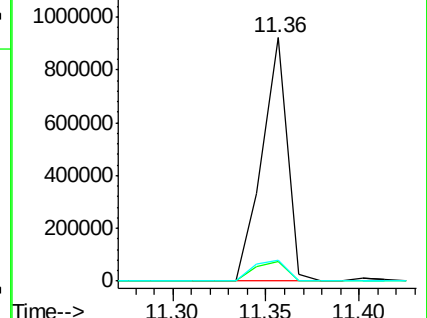
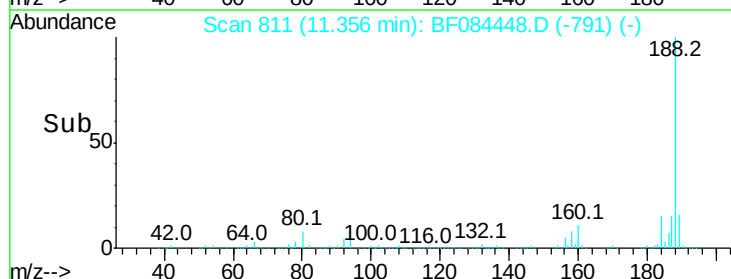
80 8.4 9.6 14.4#

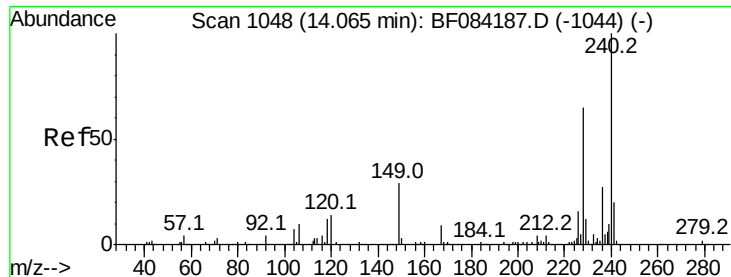


Abundance Ion 188.00 (187.70 to 188.70): E

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. -0.08 min

Lab File: BF084448.D

Acq: 13 Jan 2016 18:22

Instrument :

BNA_F

ClientSampleId :

IM-CLAY-013

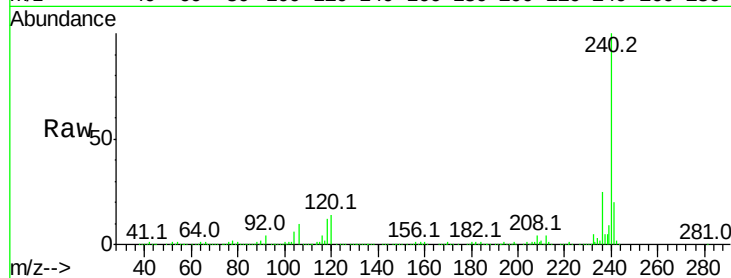
Tot Ion:240 Resp: 708371

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

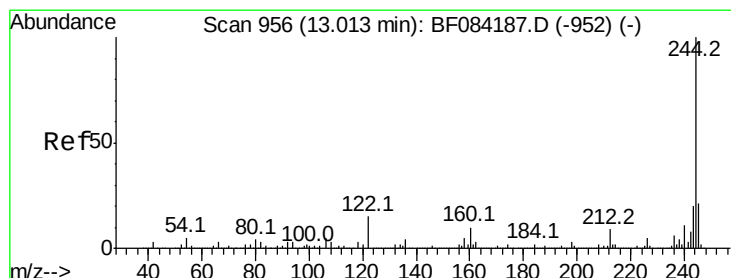
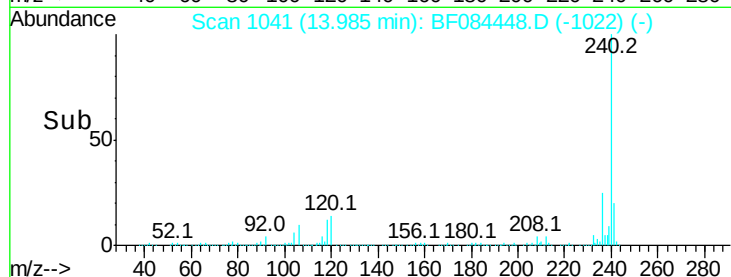
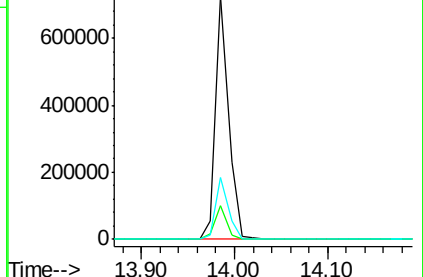
236 25.3 20.6 31.0



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: 70.97 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.07 min

Lab File: BF084448.D

Acq: 13 Jan 2016 18:22

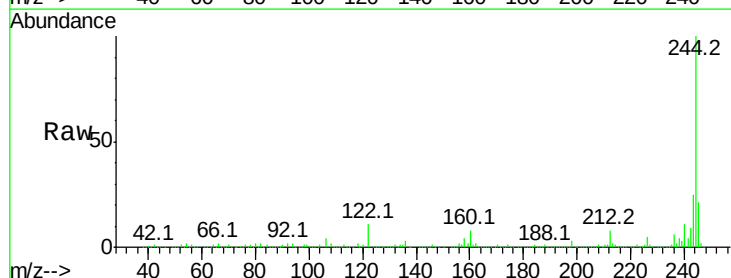
Tgt Ion:244 Resp: 2252128

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

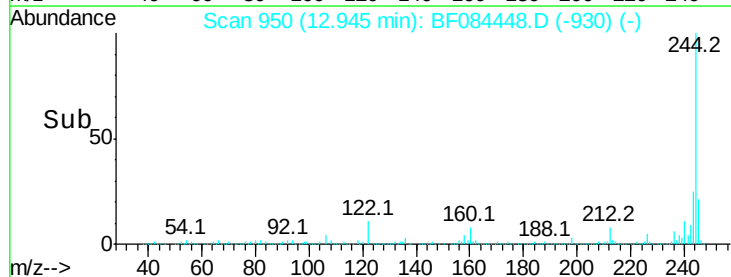
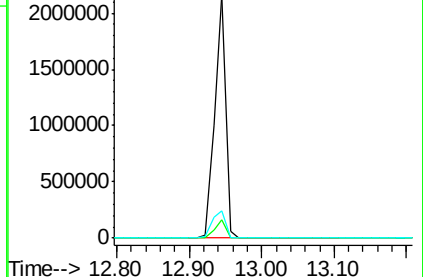
122 11.3 7.4 11.0#

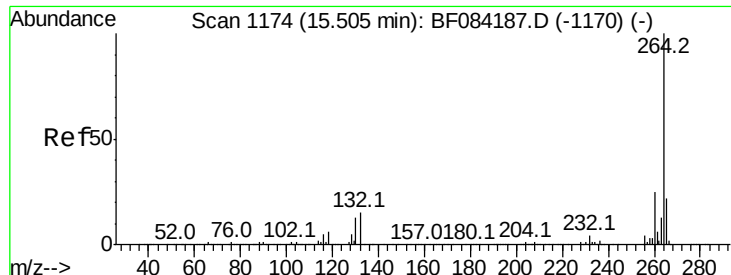


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

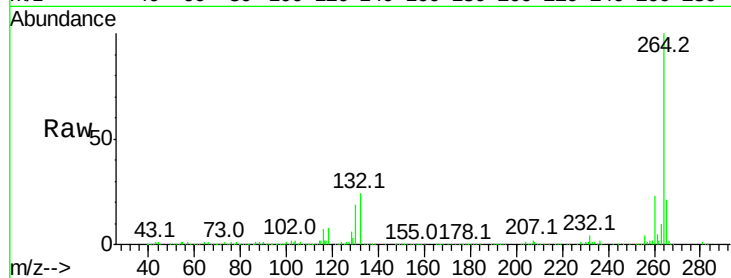




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.10 min
Lab File: BF084448.D
Acq: 13 Jan 2016 18:22

Instrument :
BNA_F
ClientSampleId :
IM-CLAY-013

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.3	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

