

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122515\
 Data File : BF084140.D
 Acq On : 25 Dec 2015 20:40
 Operator : UM/SJ
 Sample : G4920-04
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IM-CLAY-009

Quant Time: Dec 26 05:01:01 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

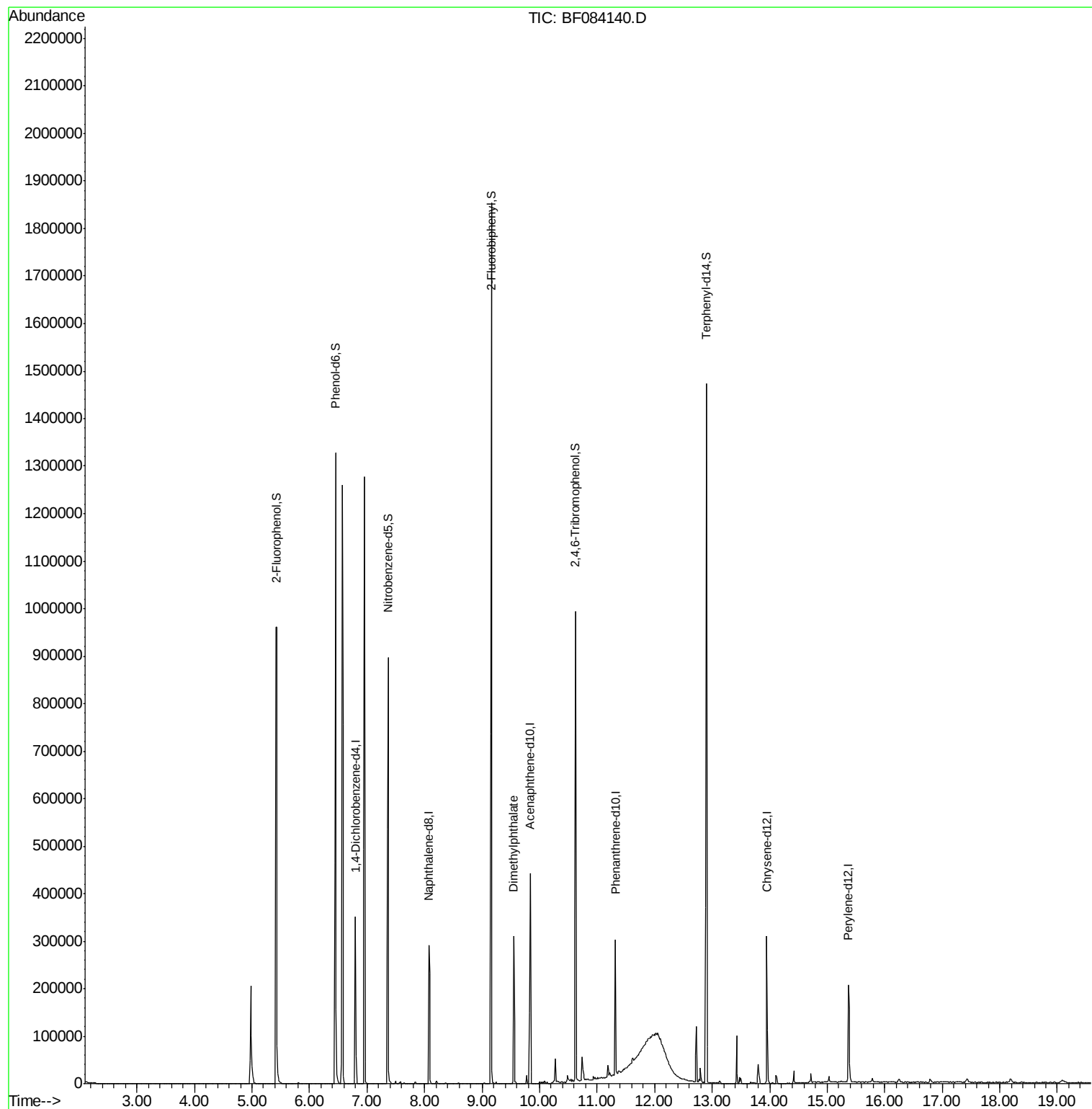
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	52085	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	189585	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	92746	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	155808	20.00	ng	0.00
75) Chrysene-d12	13.95	240	112994	20.00	ng	-0.01
86) Perylene-d12	15.37	264	103154	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	435562	141.78	ng	0.01
7) Phenol-d6	6.45	99	493478	129.81	ng	0.00
23) Nitrobenzene-d5	7.37	82	356167	109.97	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	120659	122.00	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	618148	91.19	ng	0.00
78) Terphenyl-d14	12.90	244	424888	68.04	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.55	163	141230	18.39	ng	Qvalue # 90

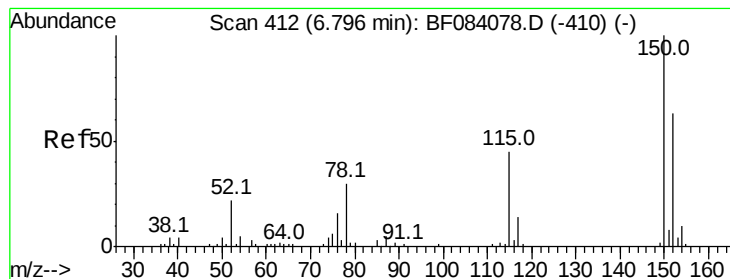
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF084140.D

Acq: 25 Dec 2015 20:40

Instrument :

BNA_F

ClientSampleId :

IM-CLAY-009

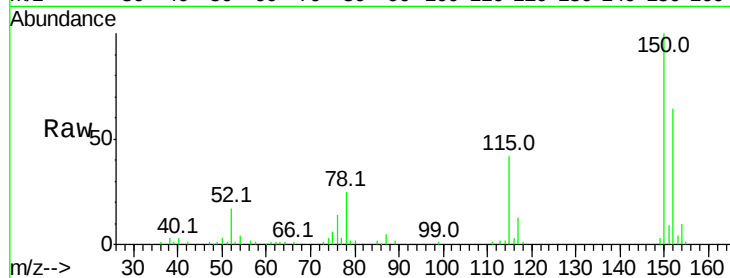
Tot Ion:152 Resp: 52085

Ion Ratio Lower Upper

152 100

150 156.7 123.0 184.4

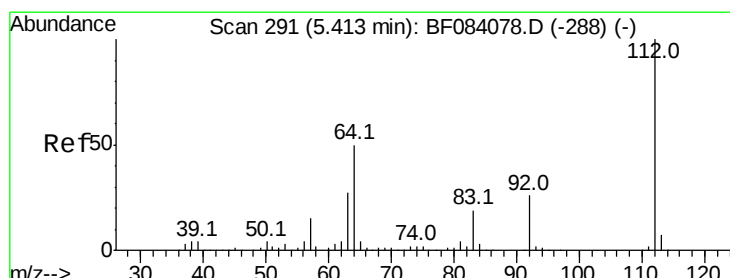
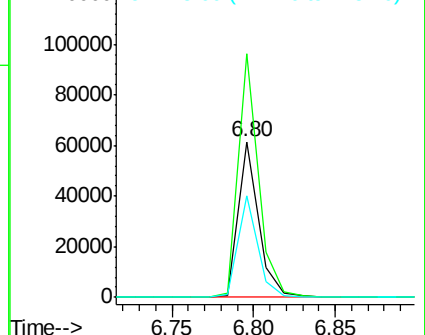
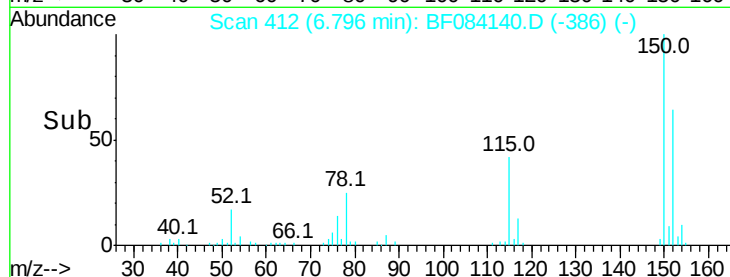
115 65.2 51.4 77.2



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: 141.78 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF084140.D

Acq: 25 Dec 2015 20:40

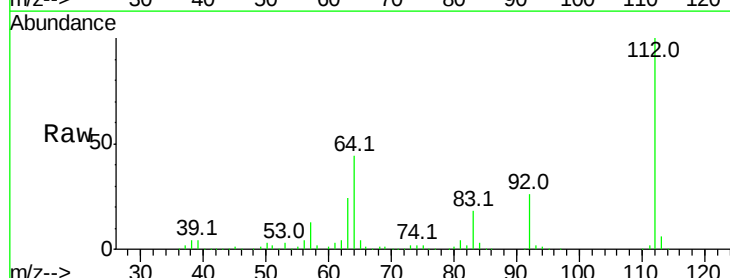
Tgt Ion:112 Resp: 435562

Ion Ratio Lower Upper

112 100

64 43.9 36.6 55.0

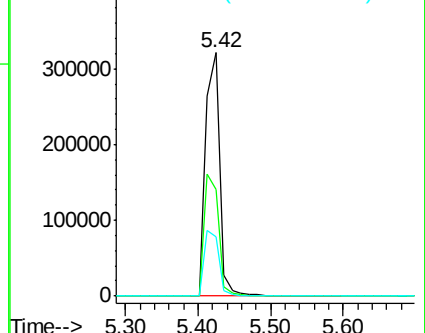
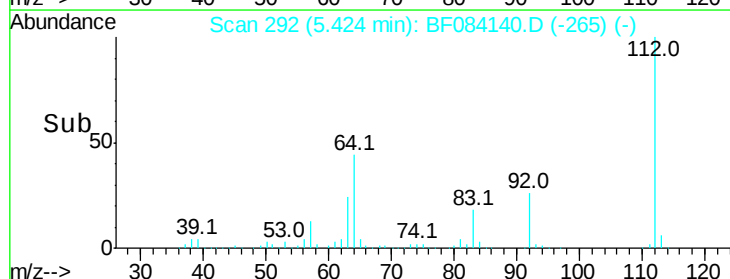
63 24.3 19.4 29.0

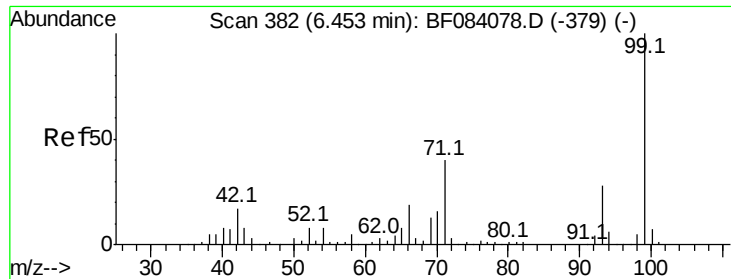


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 129.81 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF084140.D

Acq: 25 Dec 2015 20:40

Instrument :

BNA_F

ClientSampleId :

IM-CLAY-009

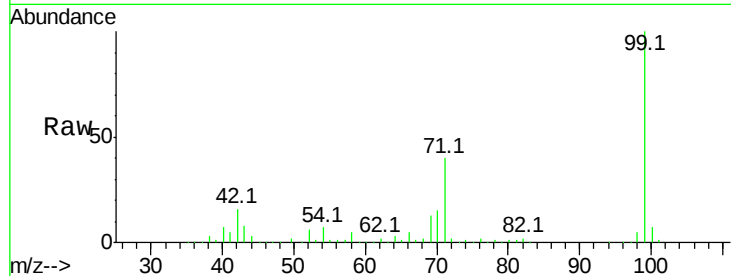
Tot Ion: 99 Resp: 493478

Ion Ratio Lower Upper

99 100

42 16.3 12.8 19.2

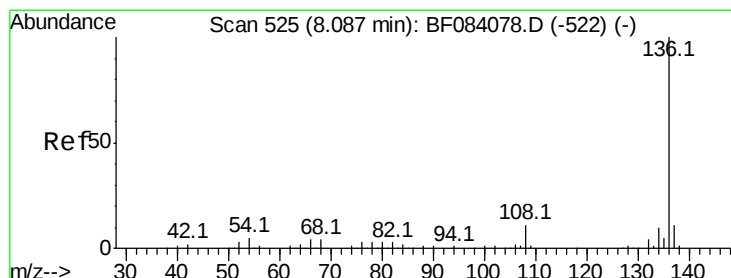
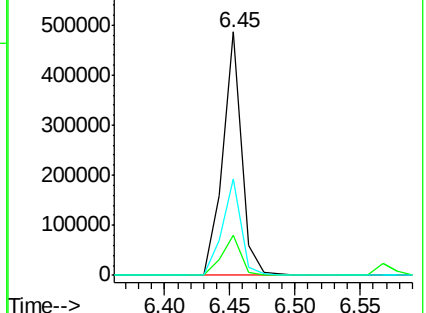
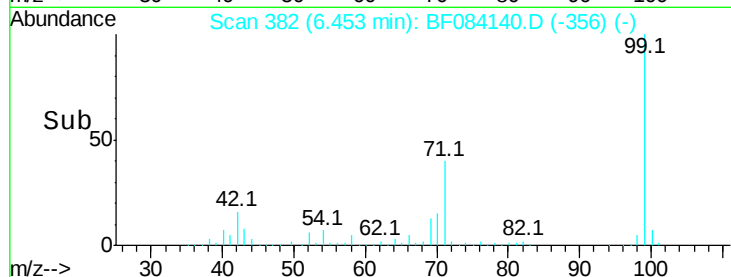
71 39.8 30.9 46.3



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: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF084140.D

Acq: 25 Dec 2015 20:40

Tgt Ion: 136 Resp: 189585

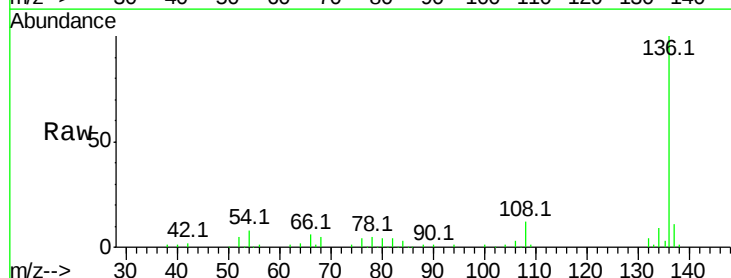
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 7.9 5.8 8.8

68 5.5 4.2 6.2

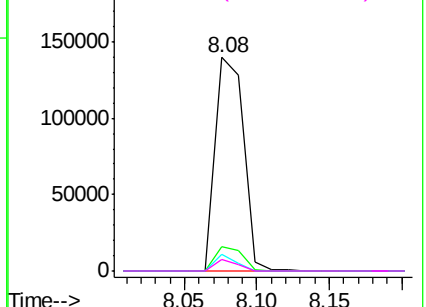
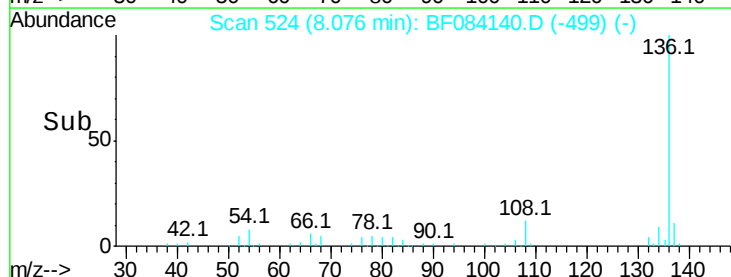


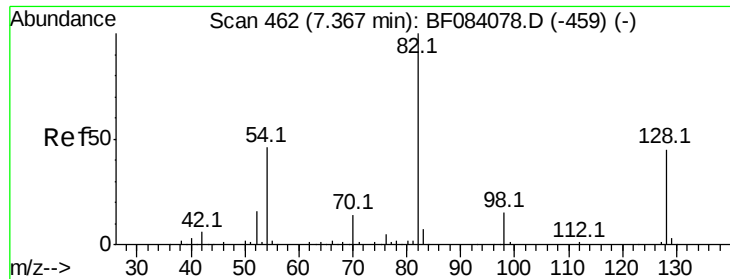
Abundance Ion 136.00 (135.70 to 136.70): E

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

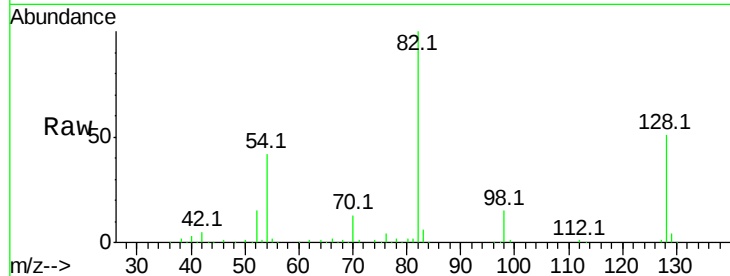




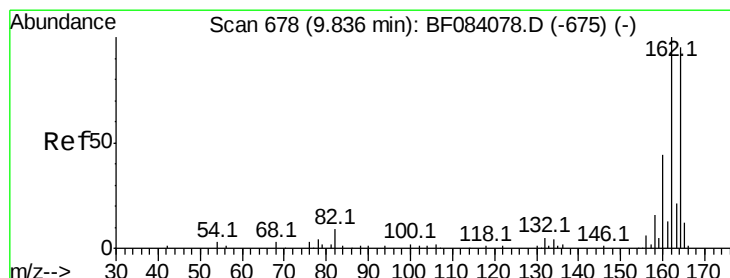
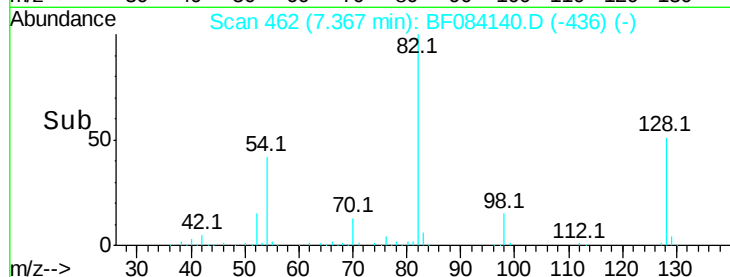
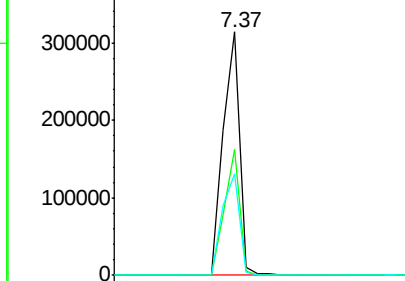
#23
 Nitrobenzene-d5
 Concen: 109.97 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.00 min
 Lab File: BF084140.D
 Acq: 25 Dec 2015 20:40

Instrument :
 BNA_F
 ClientSampleId :
 IM-CLAY-009

Tot Ion	82	Resp	356167
Ion Ratio	Lower	Upper	
82	100		
128	51.4	34.6	51.8
54	41.9	38.4	57.6

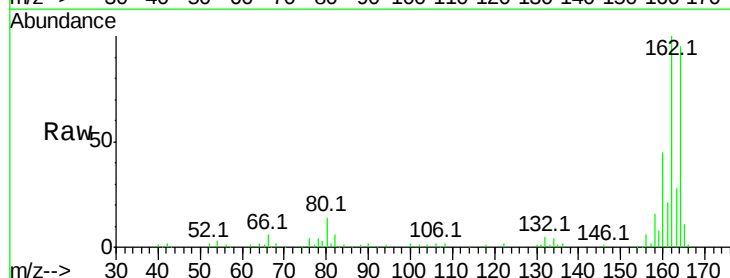


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

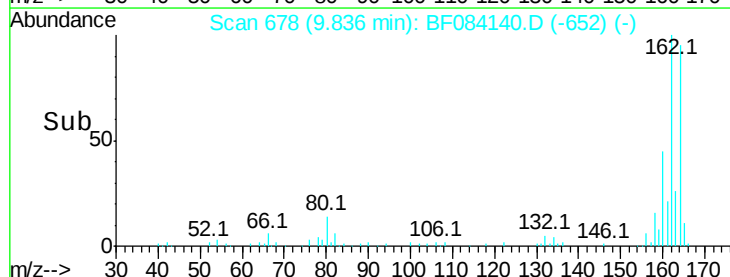
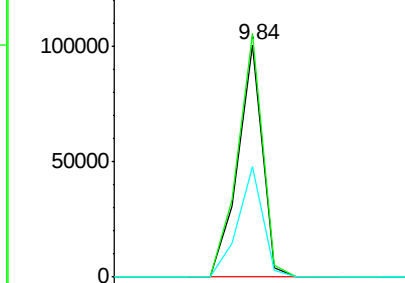


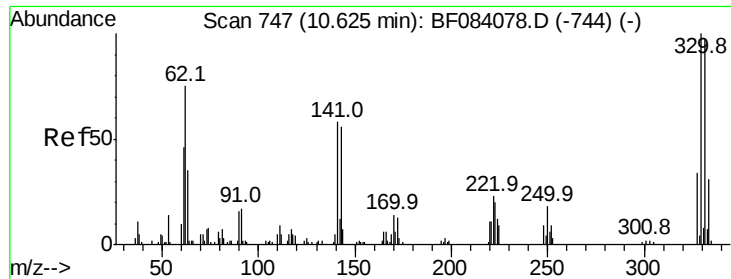
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: BF084140.D
 Acq: 25 Dec 2015 20:40

Tgt Ion	164	Resp	92746
Ion Ratio	Lower	Upper	
164	100		
162	104.8	85.1	127.7
160	47.5	37.5	56.3



Abundance Ion 164.00 (163.70 to 164.70): BF0
 Ion 162.00 (161.70 to 162.70): BF0
 Ion 160.00 (159.70 to 160.70): BF0

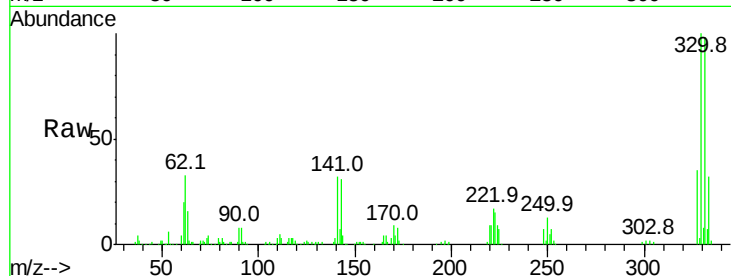




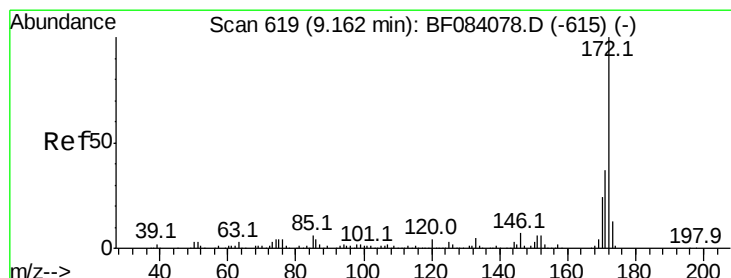
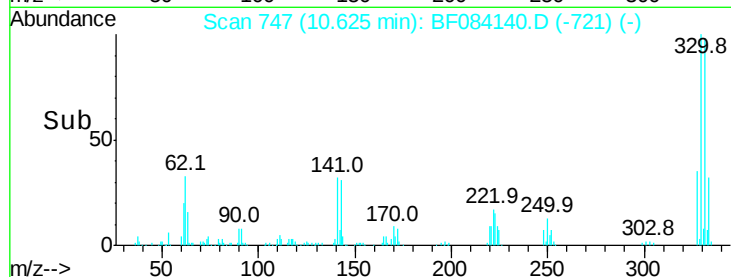
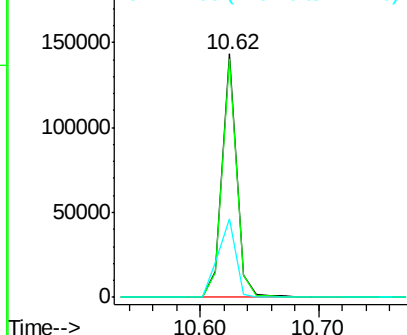
#41
 2,4,6-Tribromophenol
 Concen: 122.00 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF084140.D
 Acq: 25 Dec 2015 20:40

Instrument :
 BNA_F
 ClientSampleId :
 IM-CLAY-009

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	114.8
141	39.2	27.8	41.6

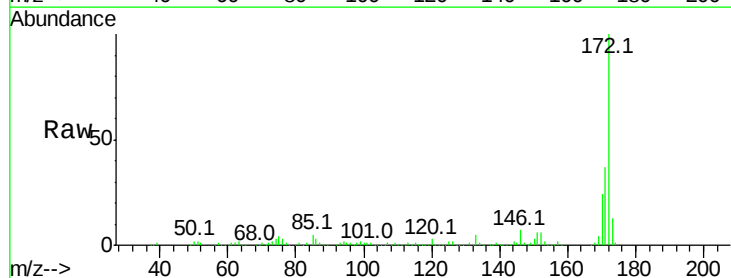


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

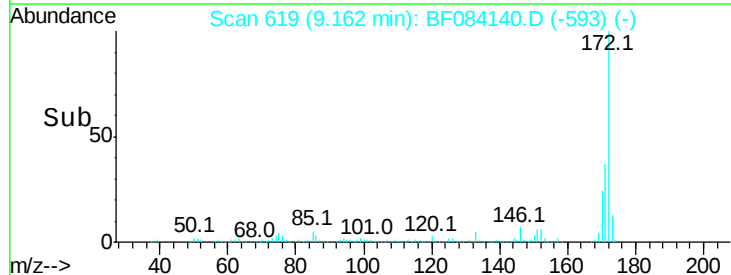
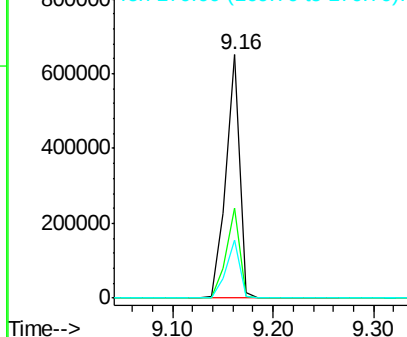


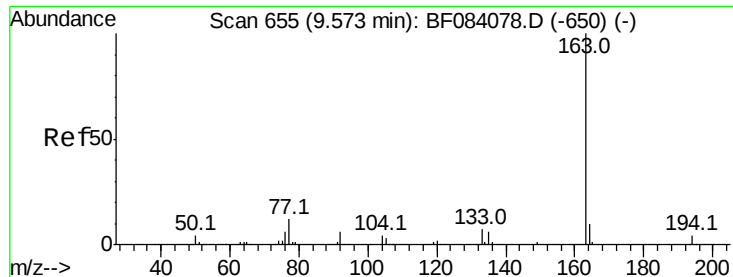
#44
 2-Fluorobiphenyl
 Concen: 91.19 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF084140.D
 Acq: 25 Dec 2015 20:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.9	43.3
170	24.0	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

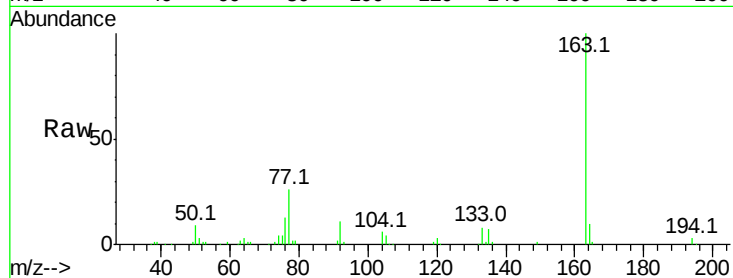




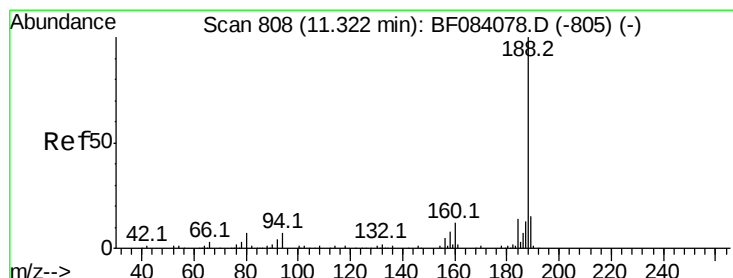
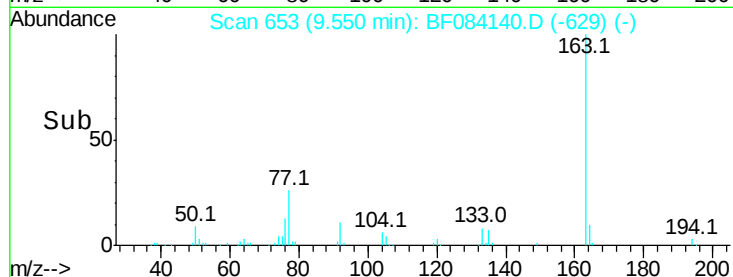
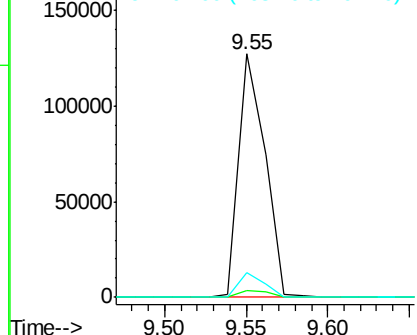
#49
Dimethylphthalate
Concen: 18.39 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF084140.D
Acq: 25 Dec 2015 20:40

Instrument :
BNA_F
ClientSampleId :
IM-CLAY-009

Tot Ion:163 Resp: 141230
Ion Ratio Lower Upper
163 100
194 2.9 8.0 12.0#
164 10.4 8.0 12.0

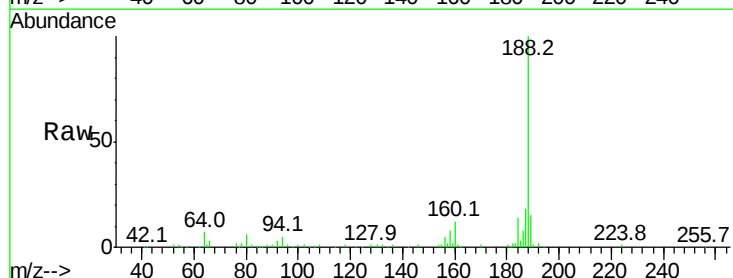


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

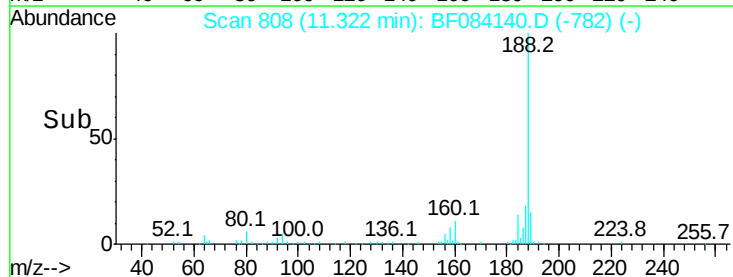
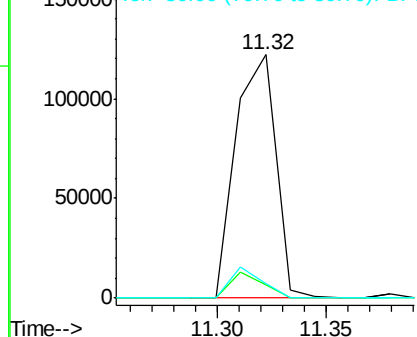


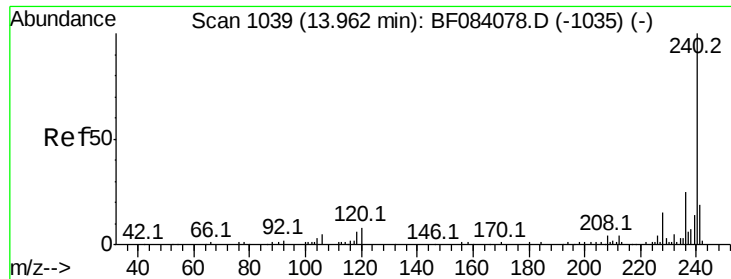
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF084140.D
Acq: 25 Dec 2015 20:40

Tgt Ion:188 Resp: 155808
Ion Ratio Lower Upper
188 100
94 5.5 9.0 13.4#
80 5.9 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

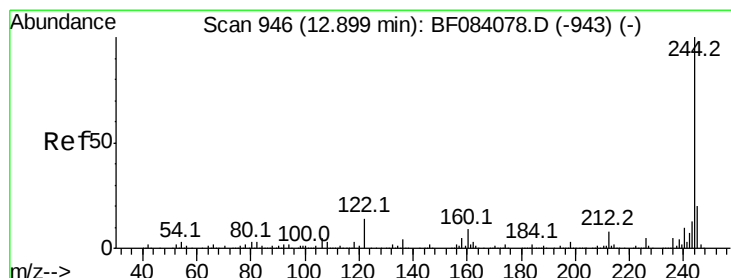
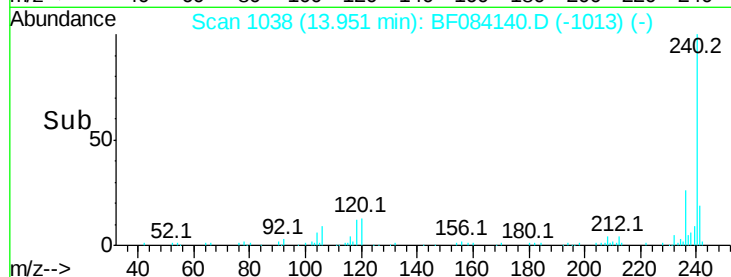
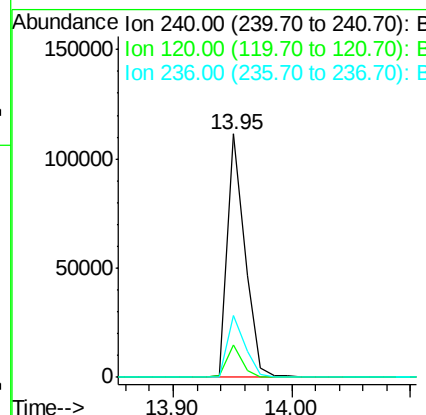
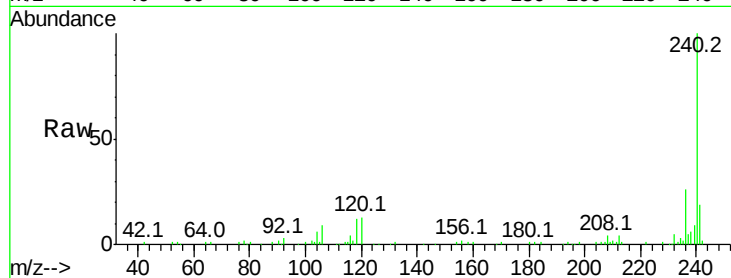




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF084140.D
 Acq: 25 Dec 2015 20:40

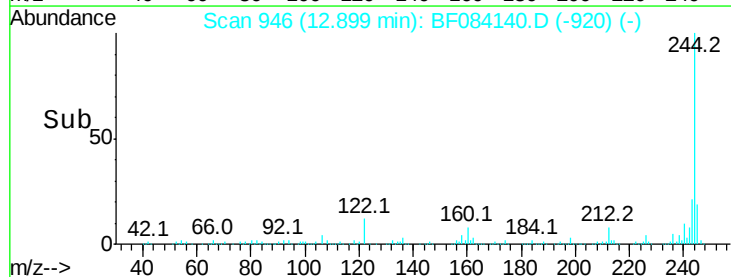
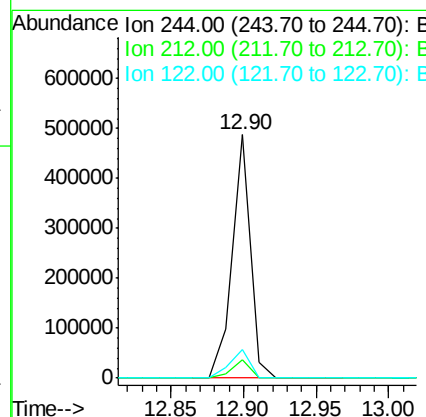
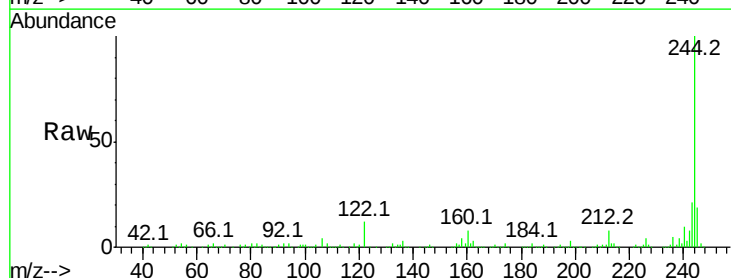
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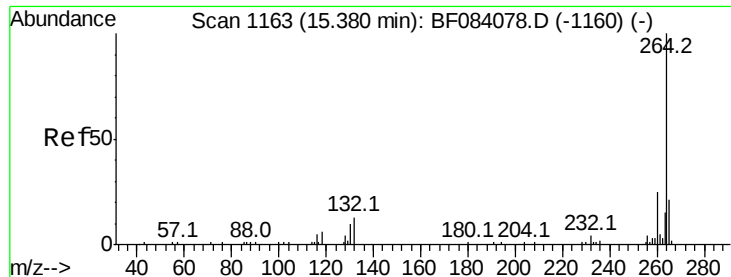
Tot Ion:240 Resp: 112994
 Ion Ratio Lower Upper
 240 100
 120 13.4 9.5 14.3
 236 25.5 20.6 31.0



#78
 Terphenyl-d14
 Concen: 68.04 ng
 RT: 12.90 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: BF084140.D
 Acq: 25 Dec 2015 20:40

Tgt Ion:244 Resp: 424888
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.7 8.5
 122 11.6 7.4 11.0#

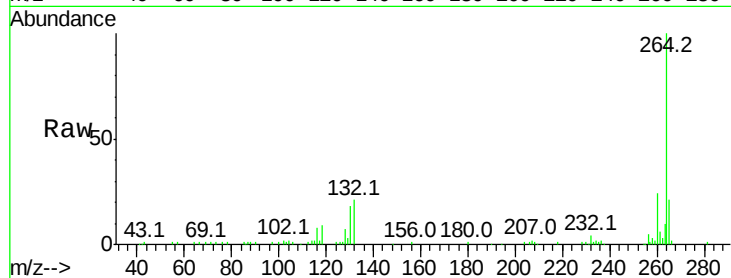




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF084140.D
 Acq: 25 Dec 2015 20:40

Instrument :
 BNA_F
 ClientSampleId :
 IM-CLAY-009

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.4	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

