

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122515\
 Data File : BF084139.D
 Acq On : 25 Dec 2015 20:12
 Operator : UM/SJ
 Sample : G4920-02
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IM-CLAY-007

Quant Time: Dec 26 04:23:29 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

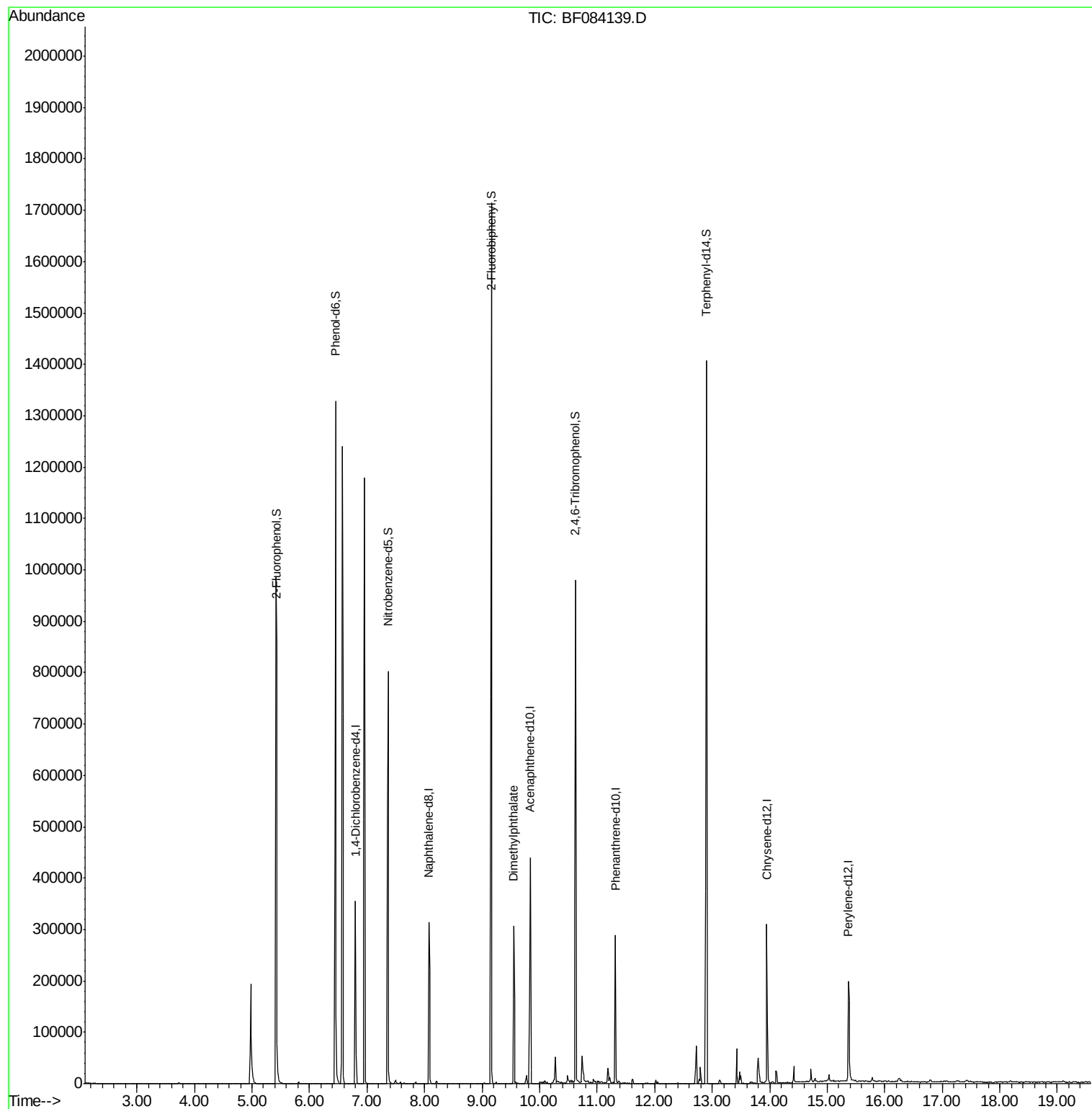
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	53196	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	192833	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	92461	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	160883	20.00	ng	0.00
75) Chrysene-d12	13.95	240	114941	20.00	ng	-0.01
86) Perylene-d12	15.37	264	101056	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	416867	132.86	ng	0.01
7) Phenol-d6	6.45	99	487057	125.45	ng	0.00
23) Nitrobenzene-d5	7.37	82	331953	100.77	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	119220	120.91	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	596522	88.28	ng	0.00
78) Terphenyl-d14	12.90	244	415629	65.43	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.55	163	152900	19.97	ng	Qvalue # 89

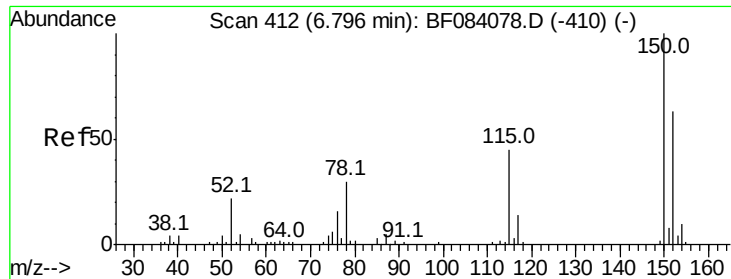
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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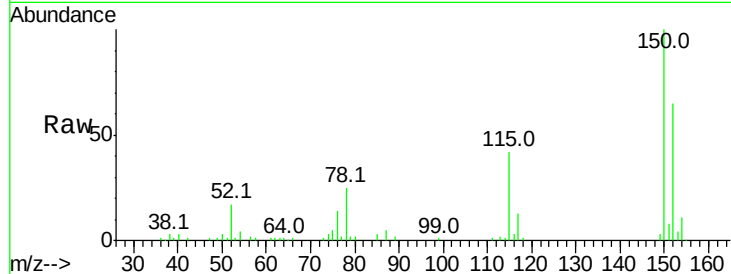


#1

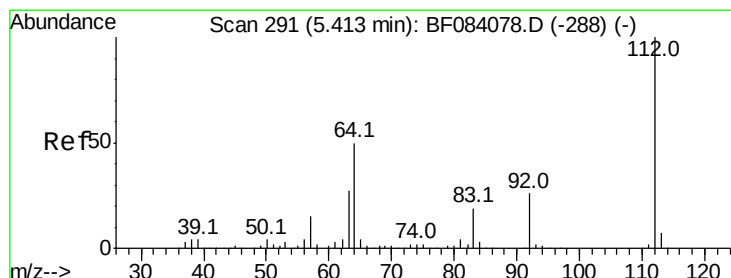
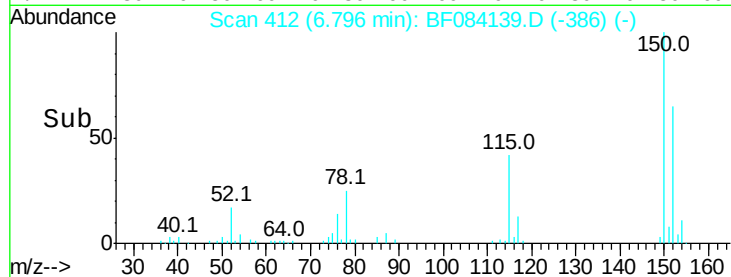
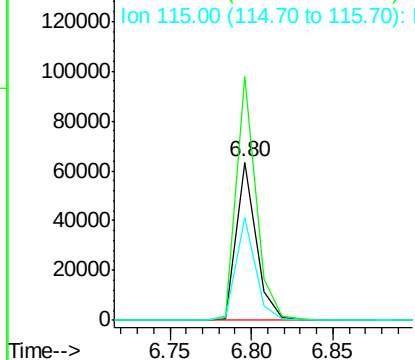
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF084139.D
Acq: 25 Dec 2015 20:12

Instrument :
BNA_F
ClientSampleId :
IM-CLAY-007

Tot Ion:152 Resp: 53196
Ion Ratio Lower Upper
152 100
150 154.1 123.0 184.4
115 65.2 51.4 77.2



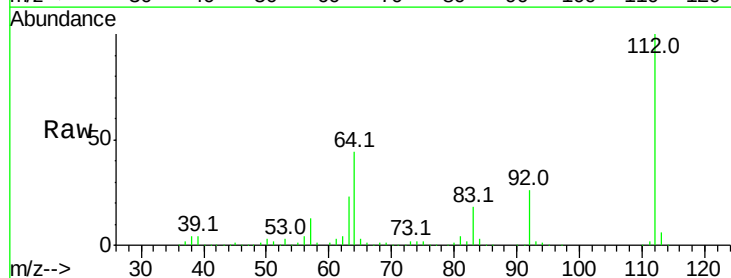
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



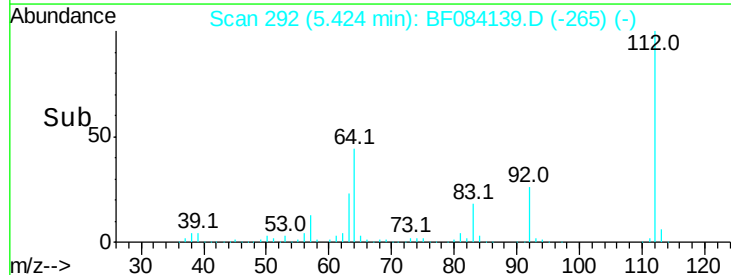
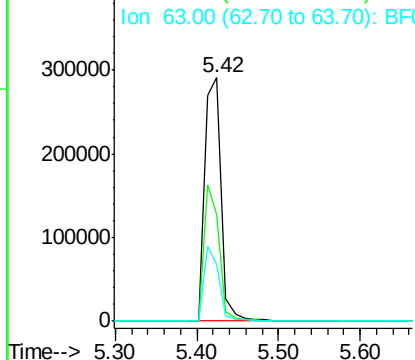
#5

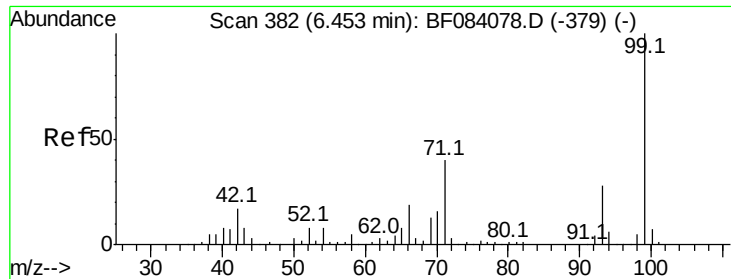
2-Fluorophenol
Concen: 132.86 ng
RT: 5.42 min Scan# 292
Delta R.T. 0.01 min
Lab File: BF084139.D
Acq: 25 Dec 2015 20:12

Tgt Ion:112 Resp: 416867
Ion Ratio Lower Upper
112 100
64 43.6 36.6 55.0
63 23.2 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: 125.45 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF084139.D

Acq: 25 Dec 2015 20:12

Instrument :

BNA_F

ClientSampleId :

IM-CLAY-007

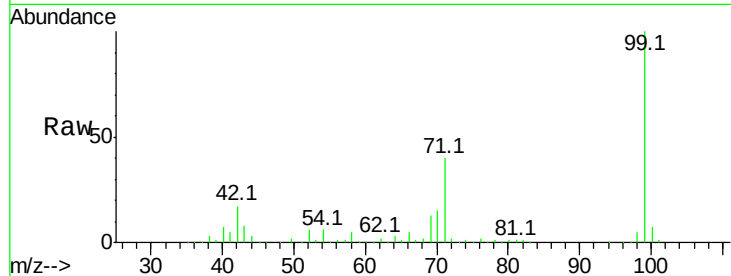
Tot Ion: 99 Resp: 487057

Ion Ratio Lower Upper

99 100

42 16.6 12.8 19.2

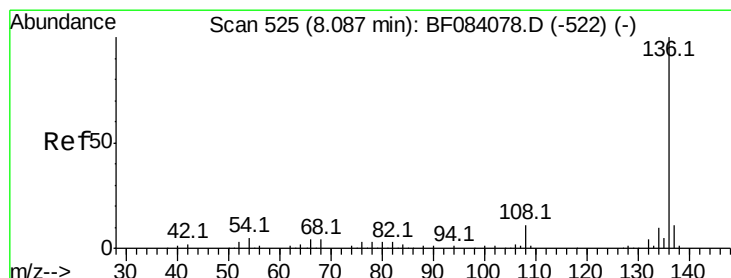
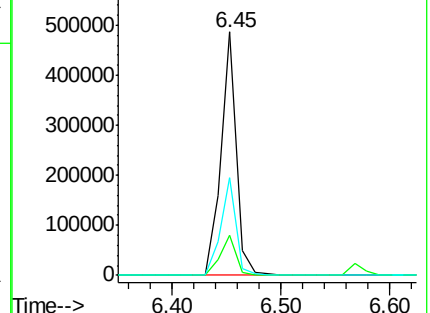
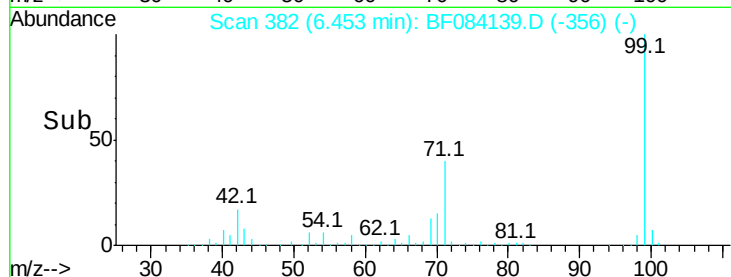
71 40.2 30.9 46.3



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: BF084139.D

Acq: 25 Dec 2015 20:12

Tgt Ion: 136 Resp: 192833

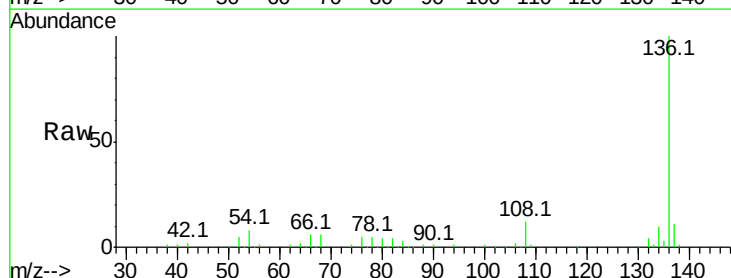
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 7.7 5.8 8.8

68 5.8 4.2 6.2

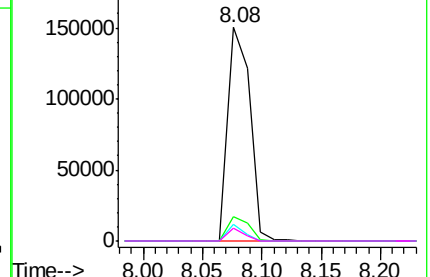
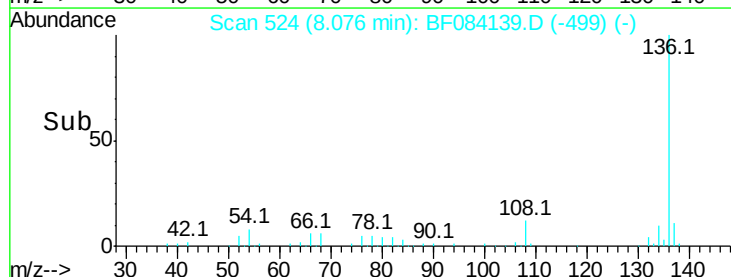


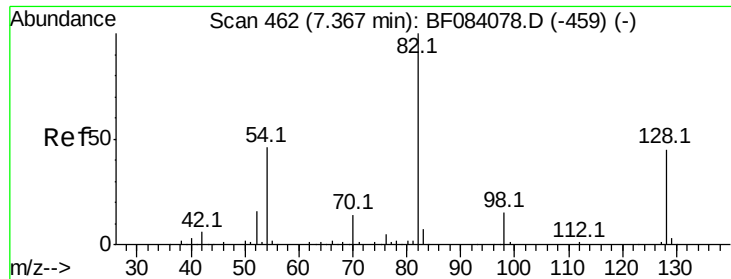
Abundance Ion 136.00 (135.70 to 136.70): E

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

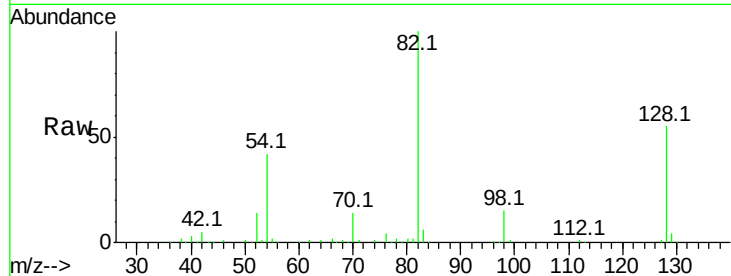




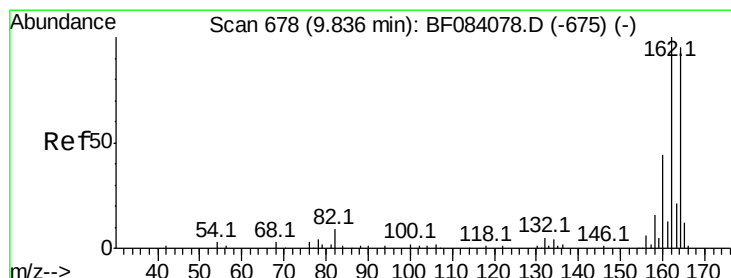
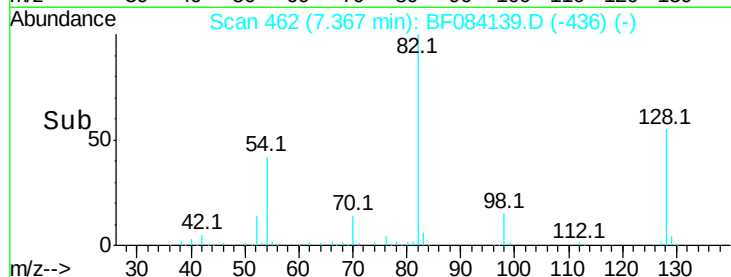
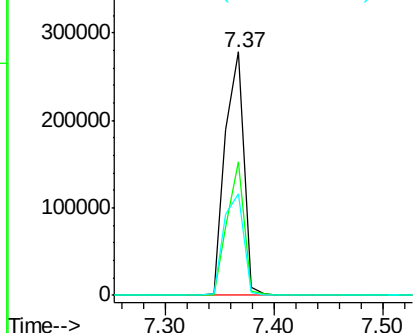
#23
 Nitrobenzene-d5
 Concen: 100.77 ng
 RT: 7.37 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF084139.D
 Acq: 25 Dec 2015 20:12

Instrument :
 BNA_F
 ClientSampleId :
 IM-CLAY-007

Tot Ion	82	Resp	331953
Ion Ratio	Lower	Upper	
82	100		
128	54.8	34.6	51.8#
54	41.6	38.4	57.6



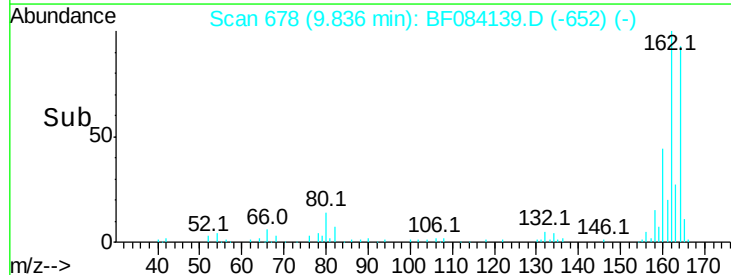
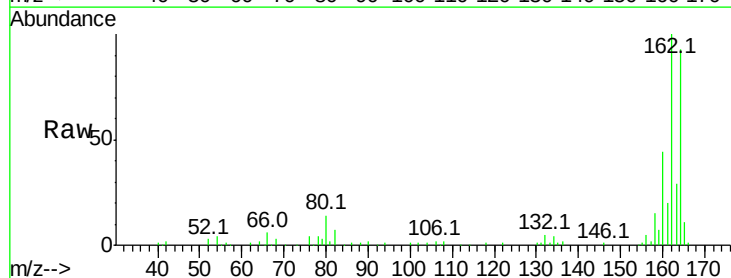
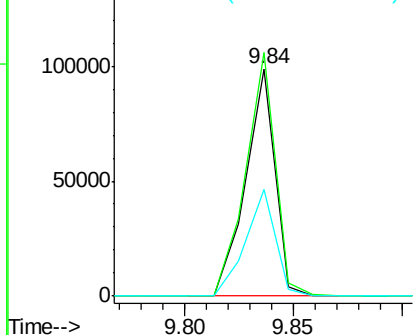
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

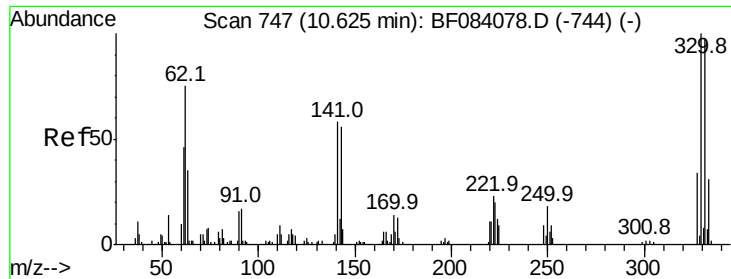


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF084139.D
 Acq: 25 Dec 2015 20:12

Tgt Ion	164	Resp	92461
Ion Ratio	Lower	Upper	
164	100		
162	107.0	85.1	127.7
160	47.1	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

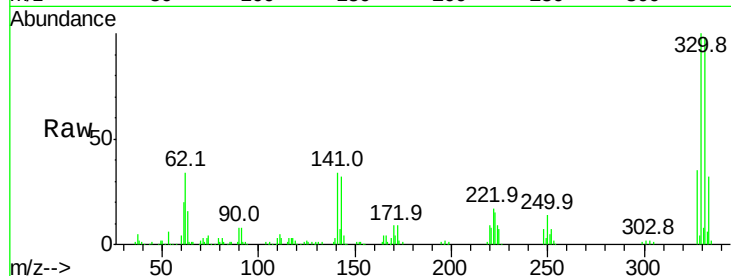




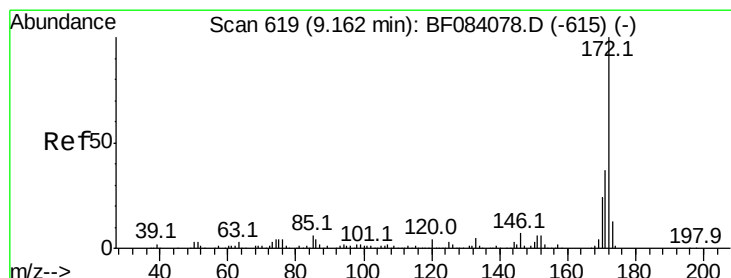
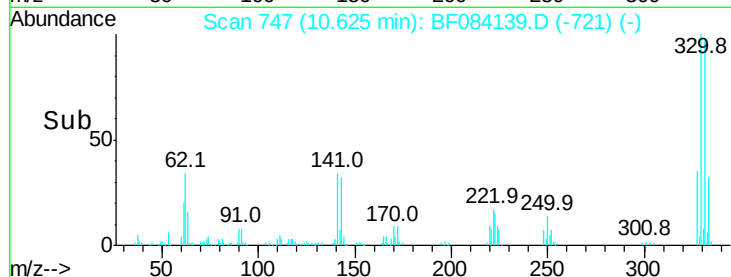
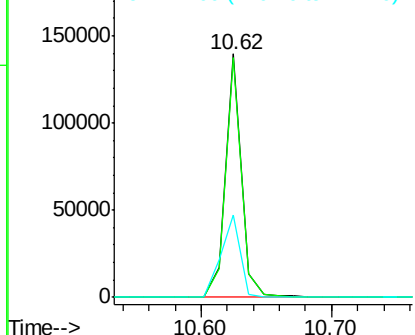
#41
 2,4,6-Tribromophenol
 Concen: 120.91 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF084139.D
 Acq: 25 Dec 2015 20:12

Instrument :
 BNA_F
 ClientSampleId :
 IM-CLAY-007

Tot Ion:330 Resp: 119220
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.6 114.8
 141 41.3 27.8 41.6

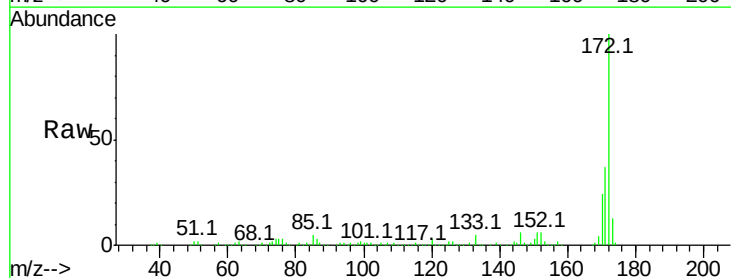


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

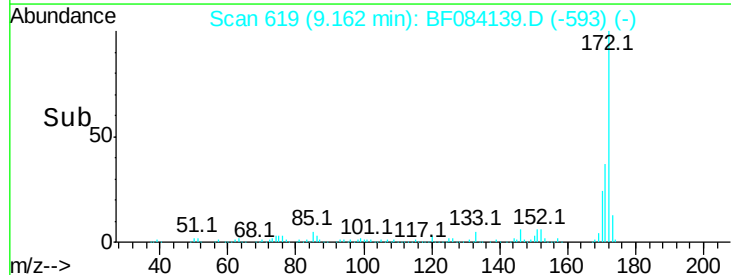
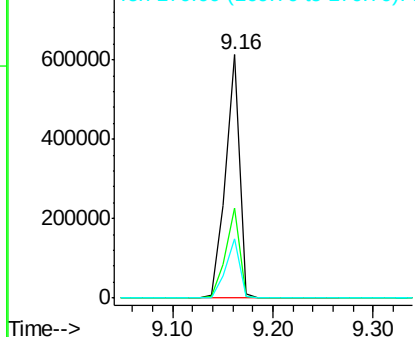


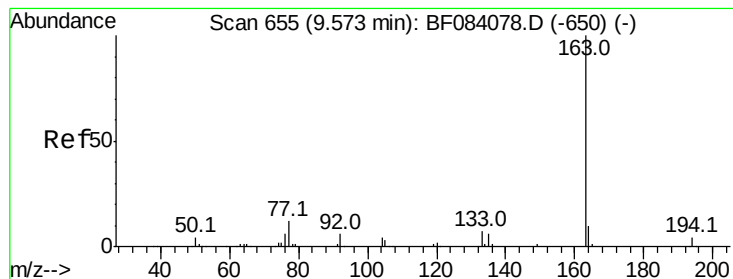
#44
 2-Fluorobiphenyl
 Concen: 88.28 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF084139.D
 Acq: 25 Dec 2015 20:12

Tgt Ion:172 Resp: 596522
 Ion Ratio Lower Upper
 172 100
 171 37.0 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: 19.97 ng

RT: 9.55 min Scan# 653

Delta R.T. -0.02 min

Lab File: BF084139.D

Acq: 25 Dec 2015 20:12

Instrument :

BNA_F

ClientSampleId :

IM-CLAY-007

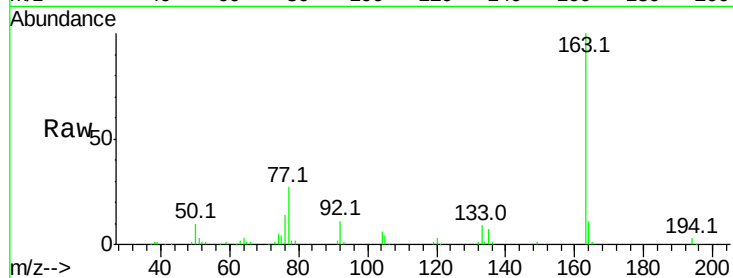
Tot Ion:163 Resp: 152900

Ion Ratio Lower Upper

163 100

194 2.9 8.0 12.0#

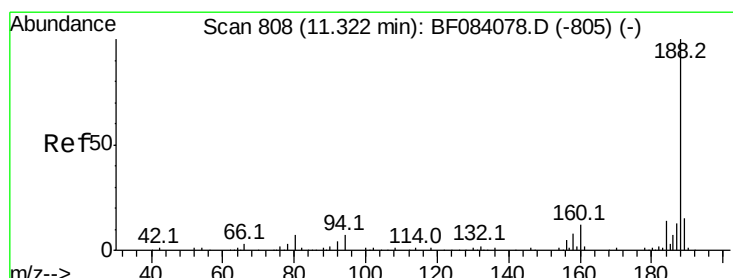
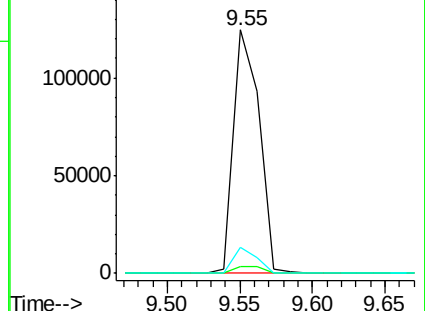
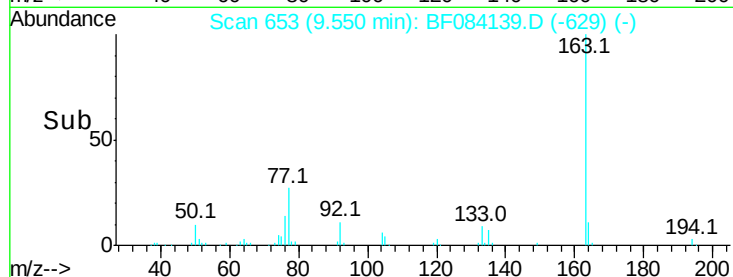
164 10.8 8.0 12.0



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: BF084139.D

Acq: 25 Dec 2015 20:12

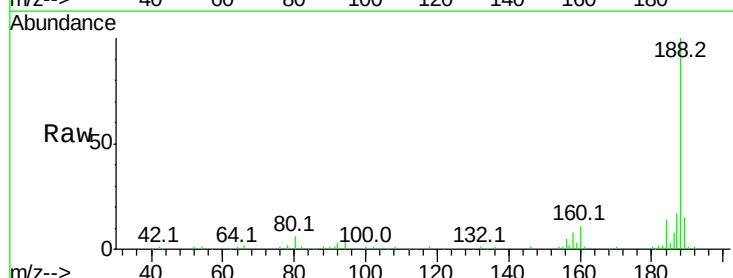
Tgt Ion:188 Resp: 160883

Ion Ratio Lower Upper

188 100

94 6.0 9.0 13.4#

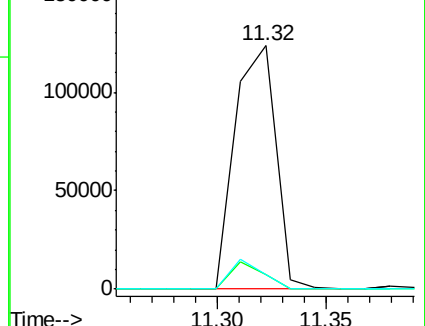
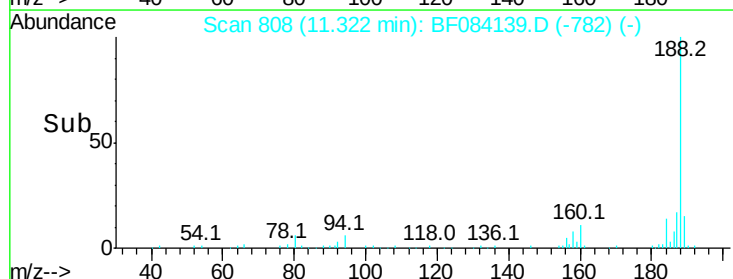
80 6.0 9.6 14.4#

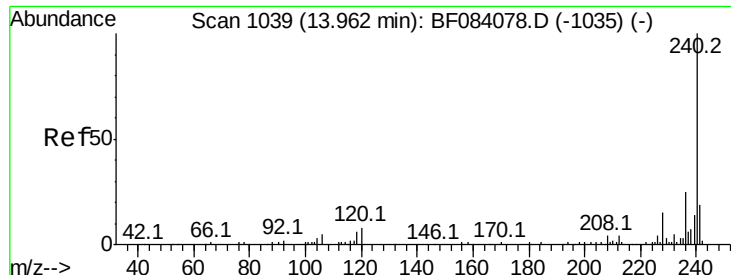


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

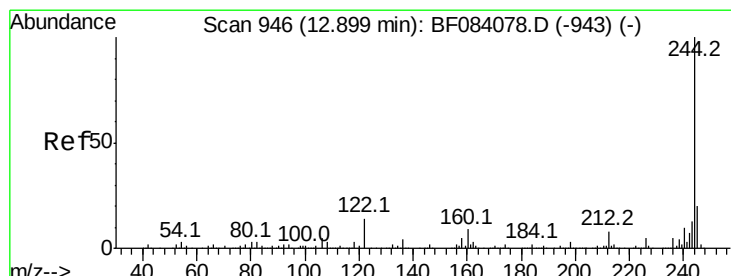
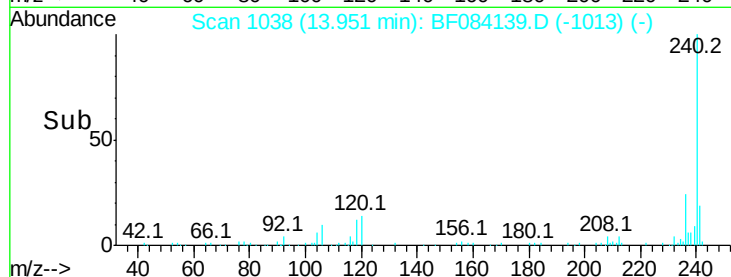
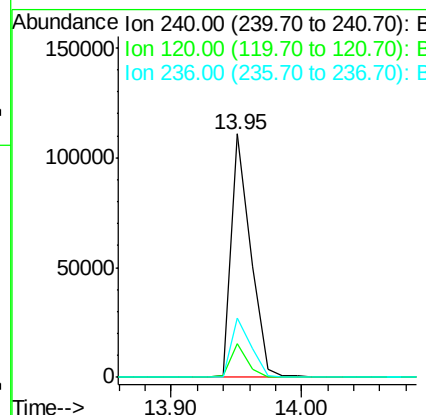
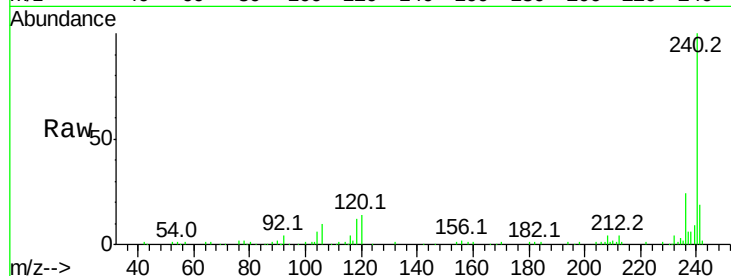




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF084139.D
Acq: 25 Dec 2015 20:12

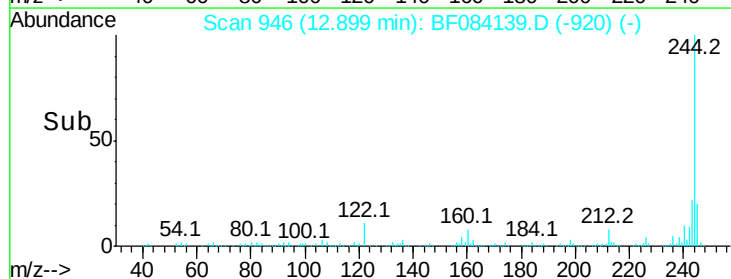
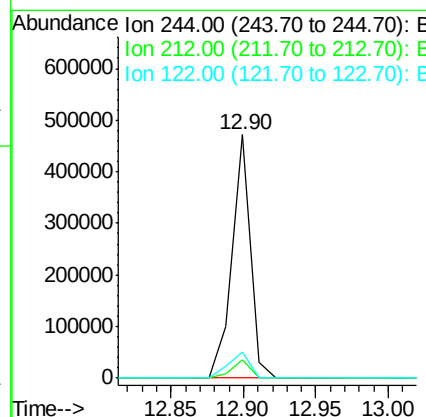
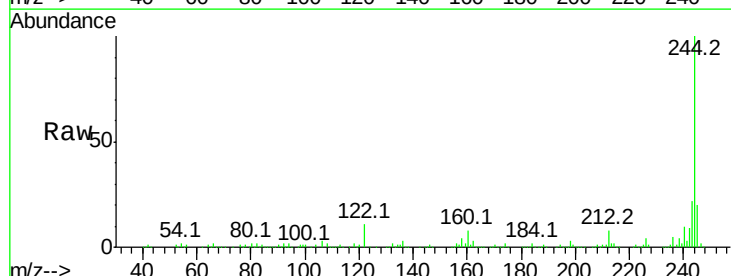
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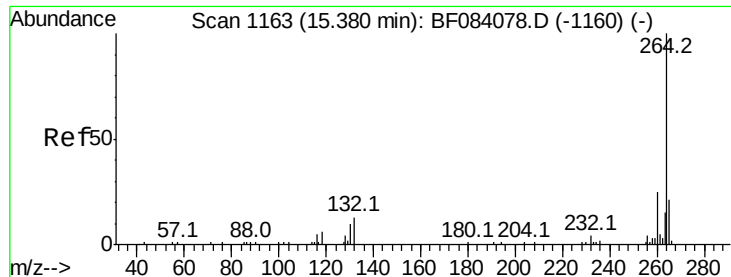
Tot Ion:240 Resp: 114941
Ion Ratio Lower Upper
240 100
120 14.0 9.5 14.3
236 24.3 20.6 31.0



#78
Terphenyl-d14
Concen: 65.43 ng
RT: 12.90 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF084139.D
Acq: 25 Dec 2015 20:12

Tgt Ion:244 Resp: 415629
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 10.8 7.4 11.0

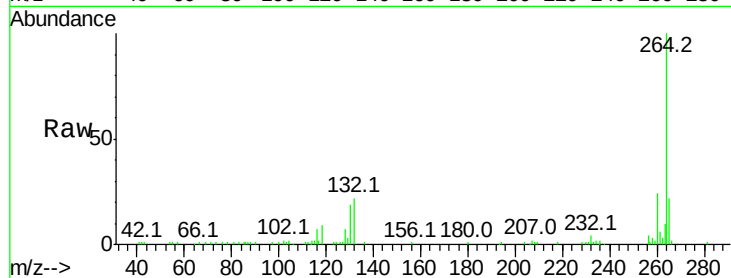




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF084139.D
 Acq: 25 Dec 2015 20:12

Instrument :
 BNA_F
 ClientSampleId :
 IM-CLAY-007

Tot Ion:	264	Resp:	101056
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.9	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

