

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
 Data File : BF084022.D
 Acq On : 23 Dec 2015 7:04
 Operator : UM/SJ
 Sample : G4920-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IM-CLAY-010

Quant Time: Dec 23 10:11:57 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

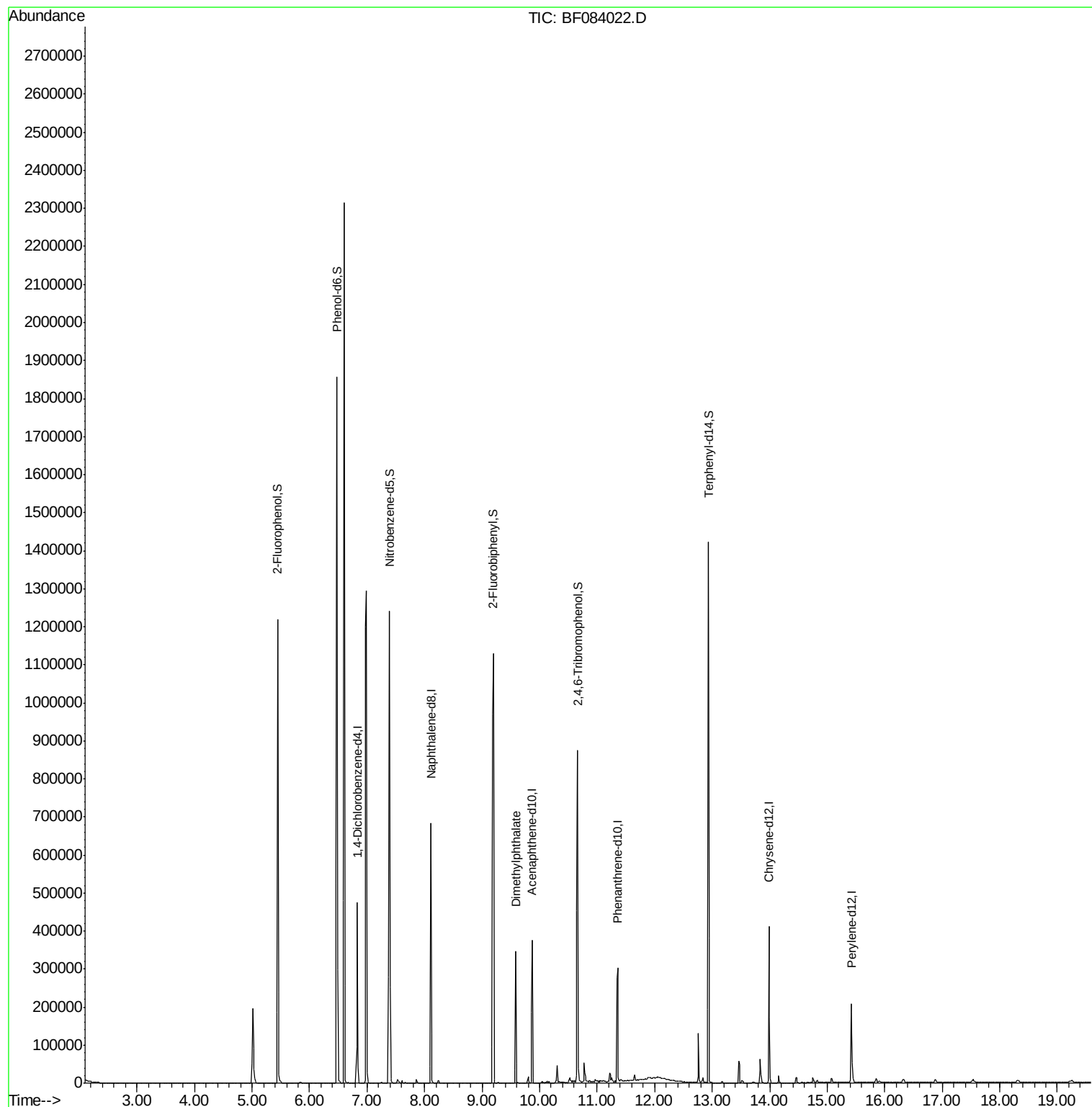
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	76234	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	303241	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	88171	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	159273	20.00	ng	0.00
75) Chrysene-d12	13.99	240	158067	20.00	ng	-0.01
86) Perylene-d12	15.43	264	118585	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	344099	76.96	ng	0.01
7) Phenol-d6	6.48	99	695366	132.27	ng	0.00
23) Nitrobenzene-d5	7.39	82	430293	87.17	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	124713	147.05	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	528074	80.60	ng	0.00
78) Terphenyl-d14	12.93	244	448816	67.71	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.58	163	136613	19.80	ng	# 90

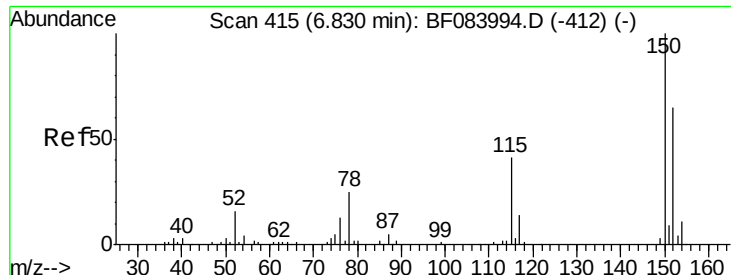
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF084022.D

Acq: 23 Dec 2015 7:04

Instrument :

BNA_F

ClientSampleId :

IM-CLAY-010

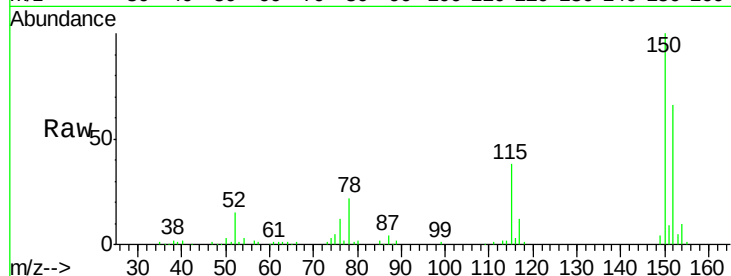
Tot Ion:152 Resp: 76234

Ion Ratio Lower Upper

152 100

150 152.2 123.0 184.4

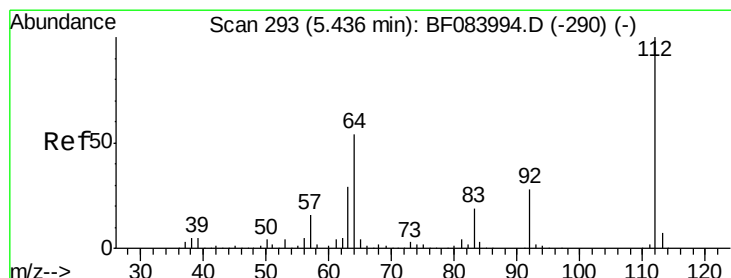
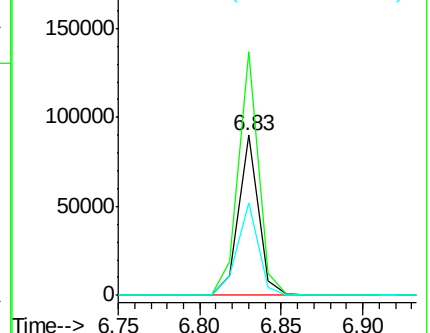
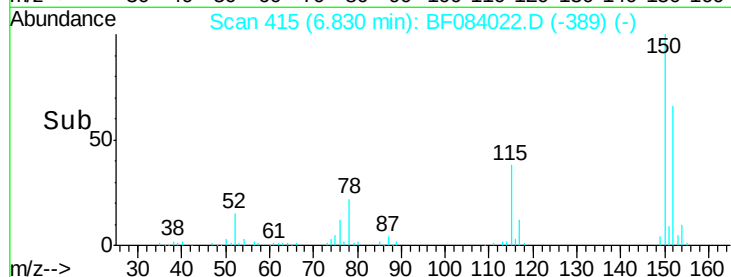
115 58.2 51.4 77.2



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: 76.96 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF084022.D

Acq: 23 Dec 2015 7:04

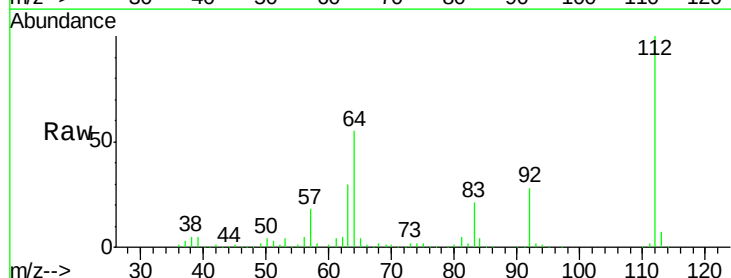
Tgt Ion:112 Resp: 344099

Ion Ratio Lower Upper

112 100

64 55.4 36.6 55.0#

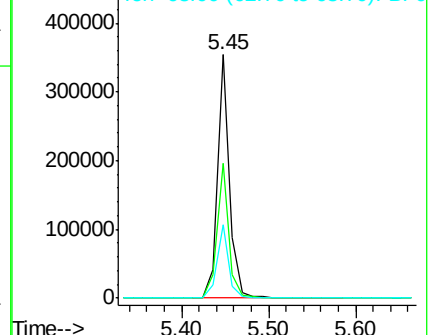
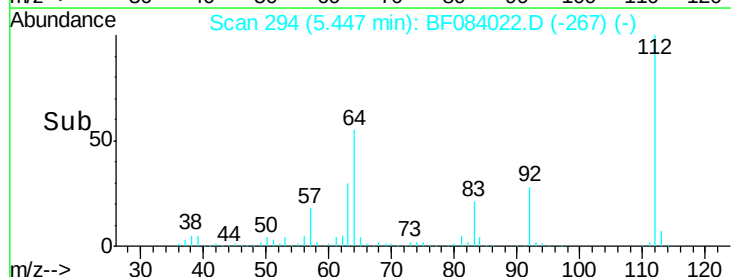
63 30.3 19.4 29.0#

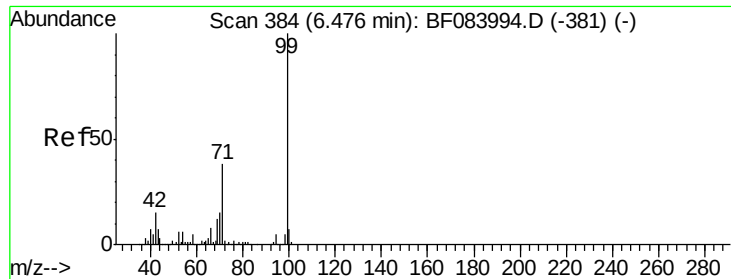


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 132.27 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084022.D

Acq: 23 Dec 2015 7:04

Instrument :

BNA_F

ClientSampleId :

IM-CLAY-010

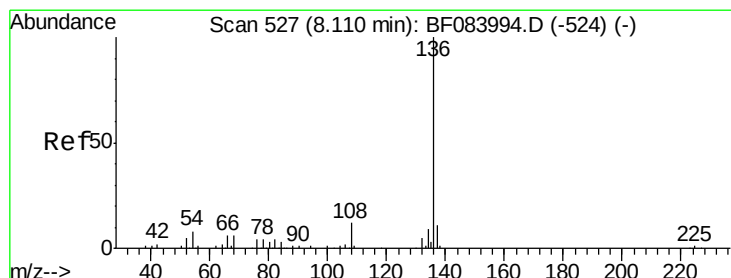
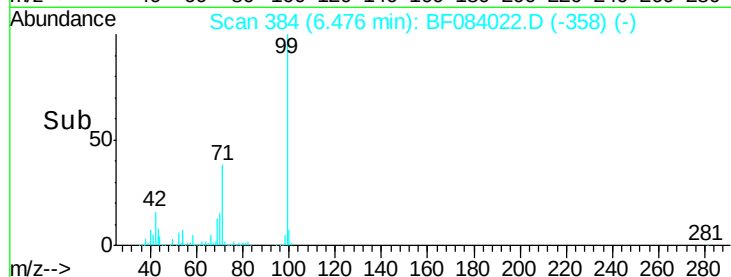
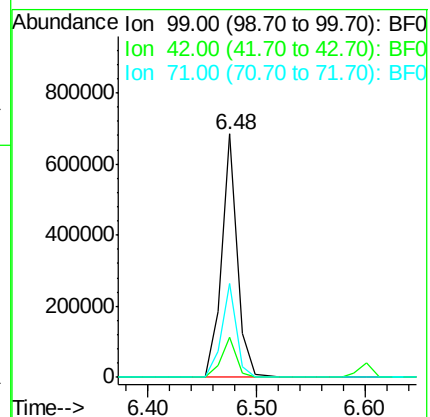
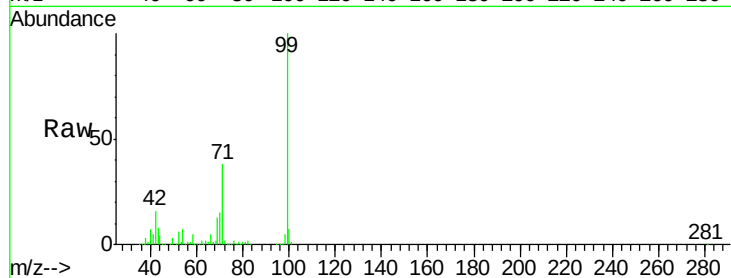
Tot Ion: 99 Resp: 695366

Ion Ratio Lower Upper

99 100

42 16.3 12.8 19.2

71 38.3 30.9 46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084022.D

Acq: 23 Dec 2015 7:04

Tgt Ion: 136 Resp: 303241

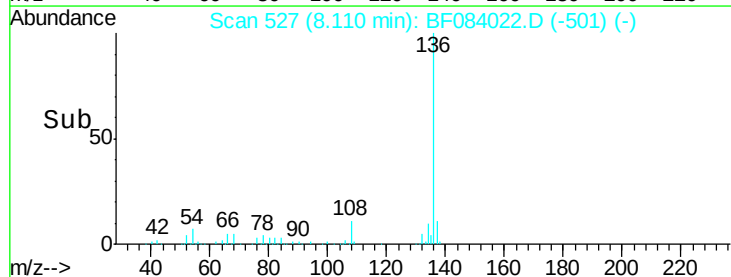
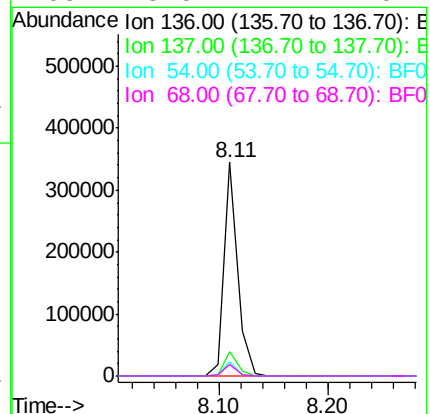
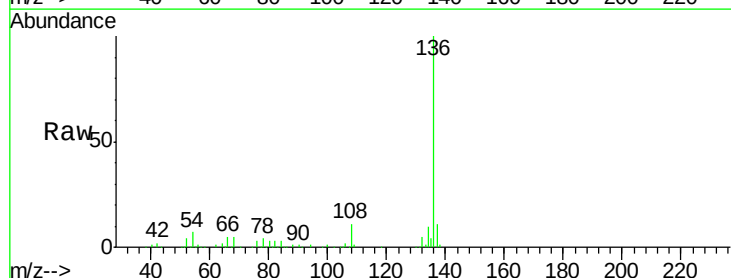
Ion Ratio Lower Upper

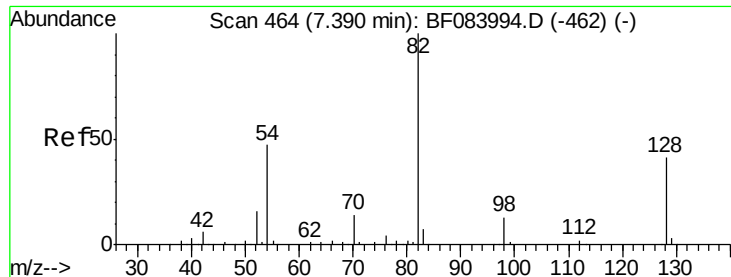
136 100

137 11.1 8.7 13.1

54 6.7 5.8 8.8

68 5.5 4.2 6.2

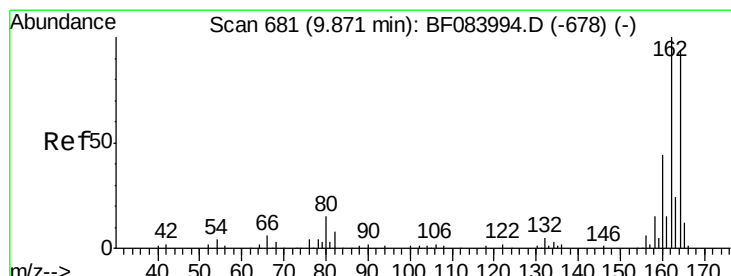
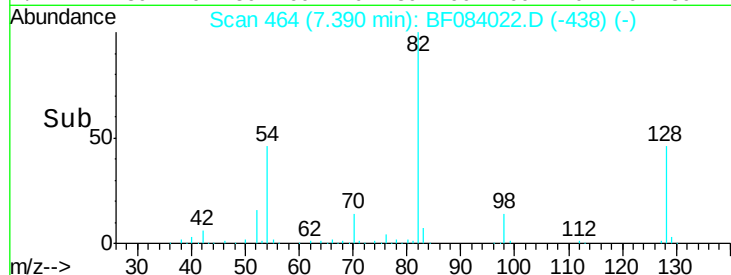
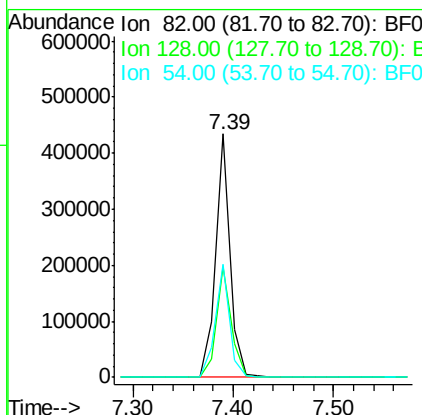
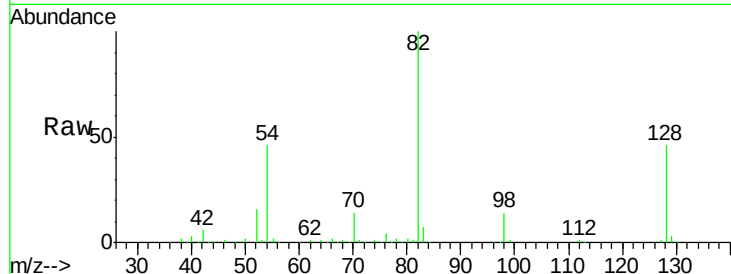




#23
 Nitrobenzene-d5
 Concen: 87.17 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF084022.D
 Acq: 23 Dec 2015 7:04

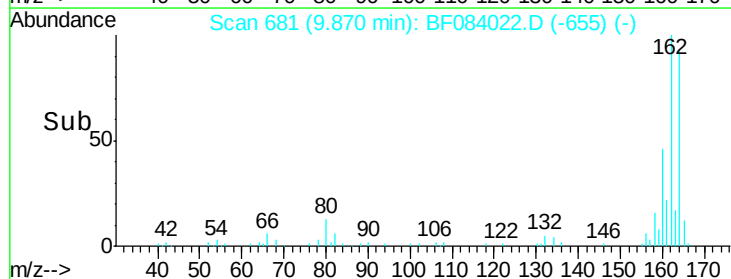
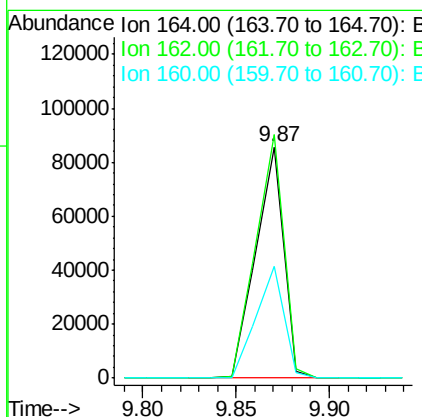
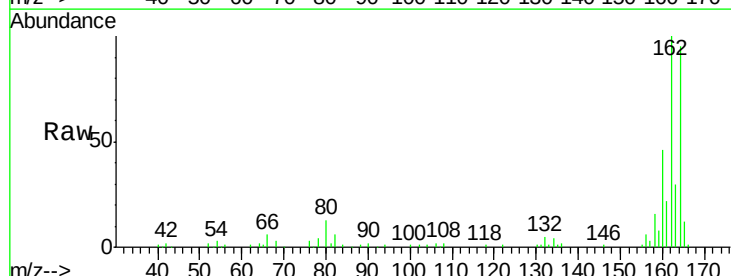
Instrument :
 BNA_F
 ClientSampleId :
 IM-CLAY-010

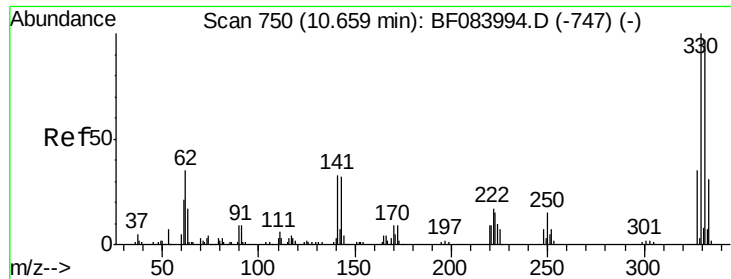
Tot Ion	82	Resp	430293
Ion Ratio	100	Lower	Upper
128	45.6	34.6	51.8
54	46.5	38.4	57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF084022.D
 Acq: 23 Dec 2015 7:04

Tgt Ion	164	Resp	88171
Ion Ratio	100	Lower	Upper
162	105.3	85.1	127.7
160	48.3	37.5	56.3

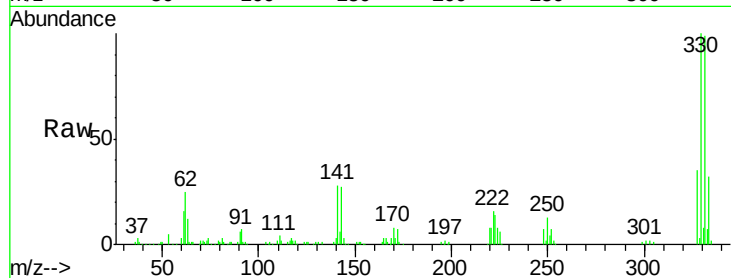




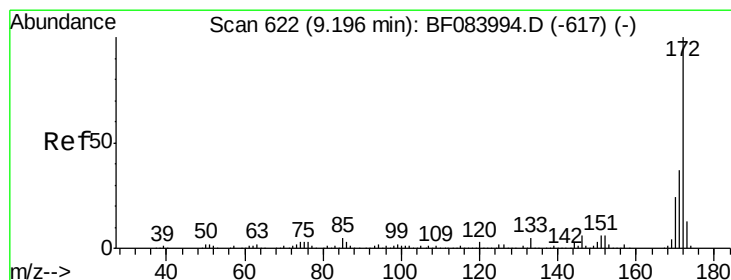
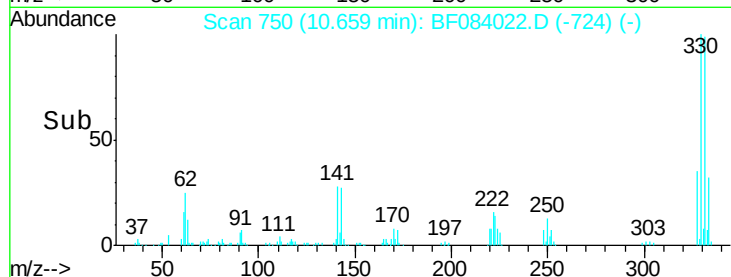
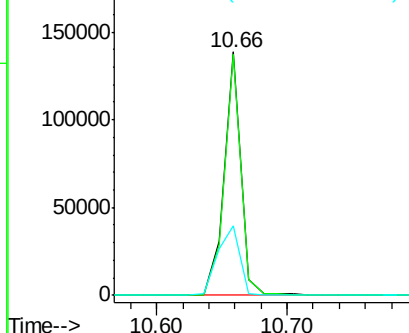
#41
 2,4,6-Tribromophenol
 Concen: 147.05 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF084022.D
 Acq: 23 Dec 2015 7:04

Instrument :
 BNA_F
 ClientSampleId :
 IM-CLAY-010

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.6	114.8
141	37.7	27.8	41.6

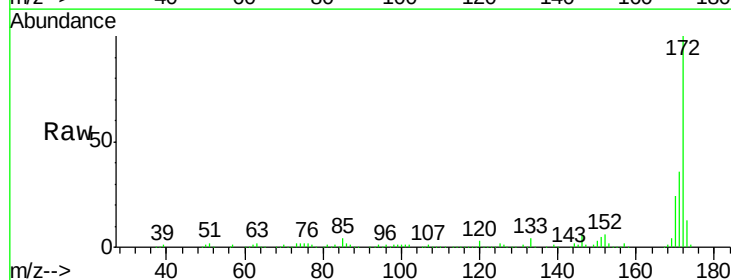


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

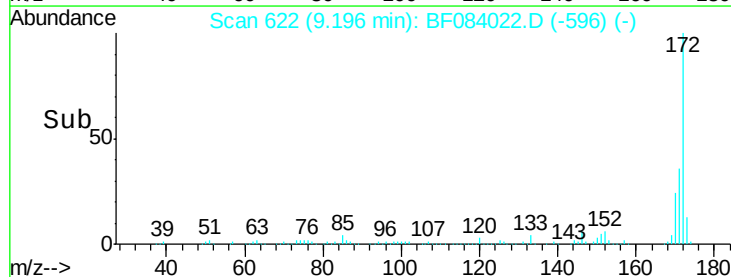
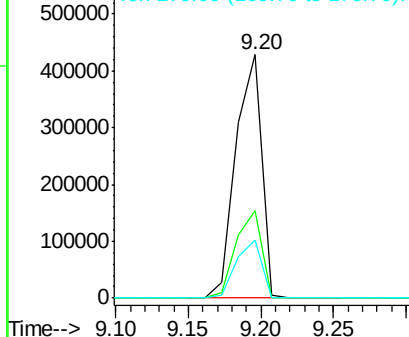


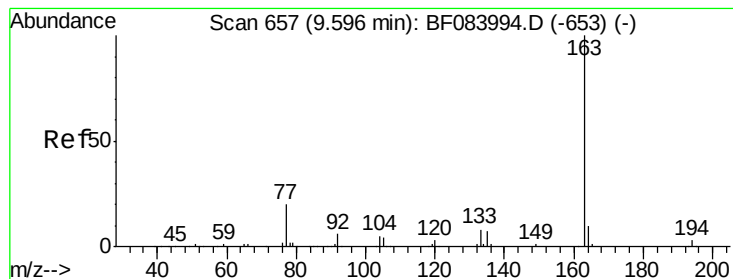
#44
 2-Fluorobiphenyl
 Concen: 80.60 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF084022.D
 Acq: 23 Dec 2015 7:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.9	43.3
170	23.8	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: 19.80 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF084022.D

Acq: 23 Dec 2015 7:04

Instrument :

BNA_F

ClientSampleId :

IM-CLAY-010

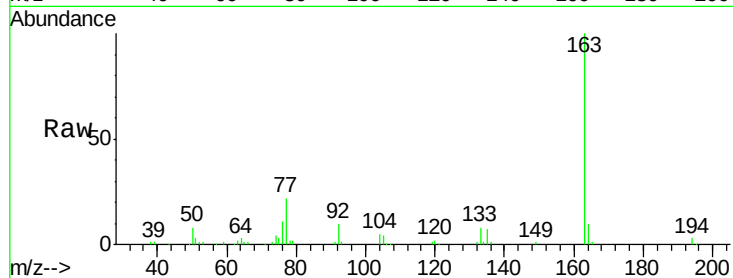
Tot Ion:163 Resp: 136613

Ion Ratio Lower Upper

163 100

194 3.0 8.0 12.0#

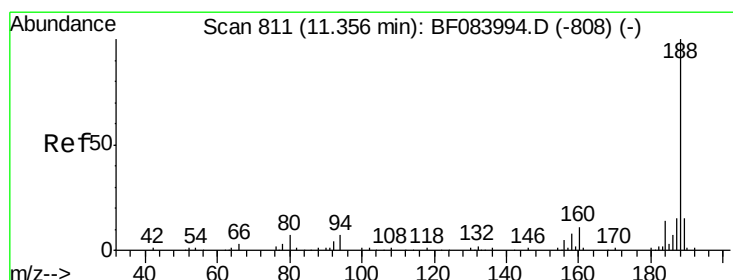
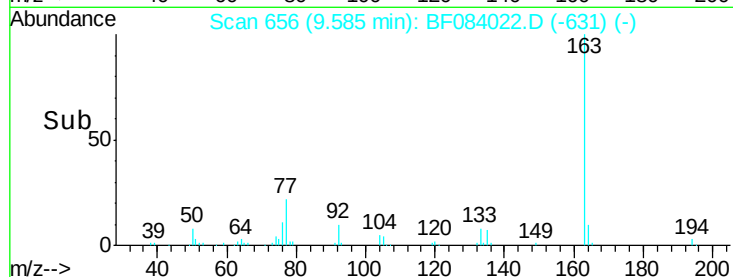
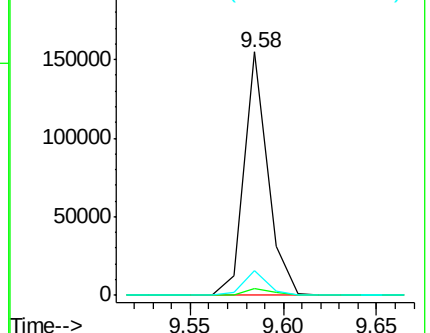
164 10.2 8.0 12.0



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: BF084022.D

Acq: 23 Dec 2015 7:04

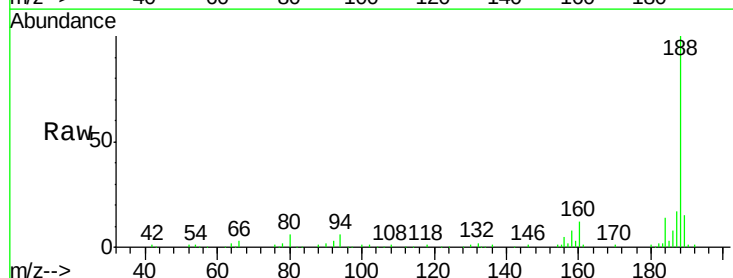
Tgt Ion:188 Resp: 159273

Ion Ratio Lower Upper

188 100

94 5.8 9.0 13.4#

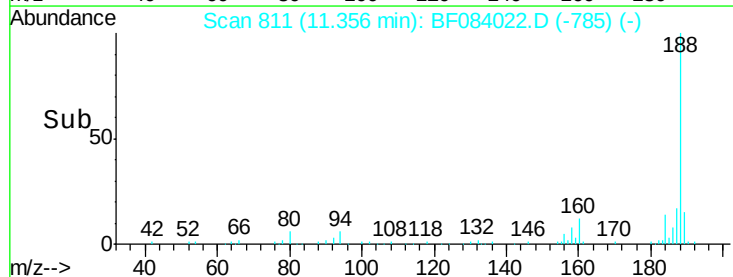
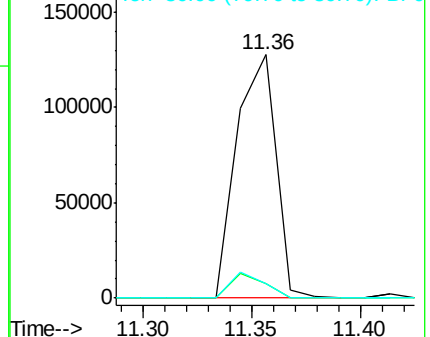
80 5.9 9.6 14.4#

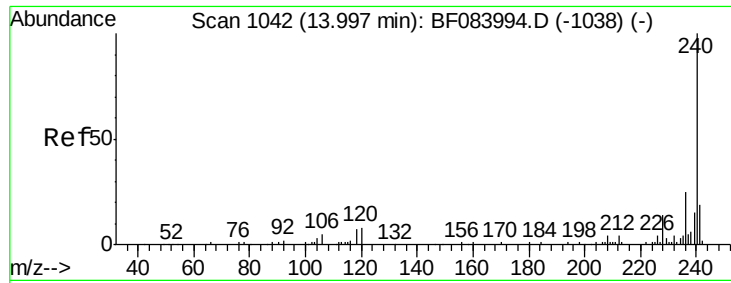


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

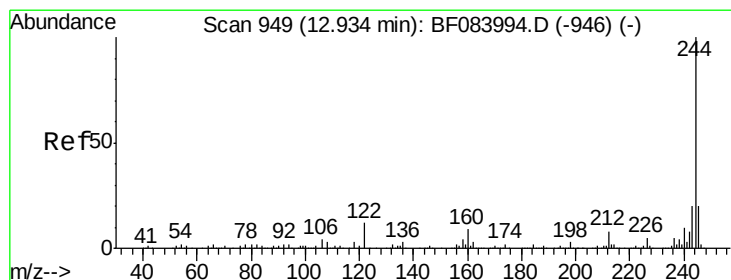
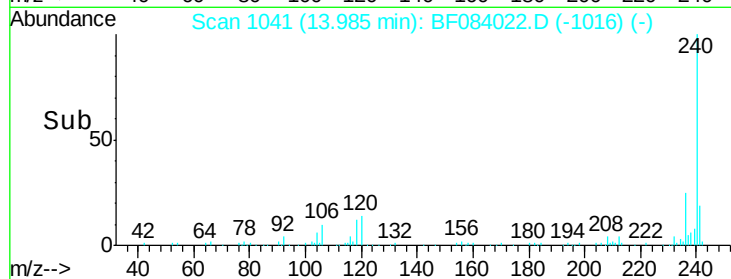
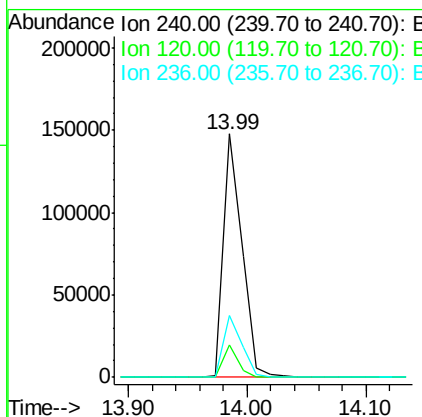
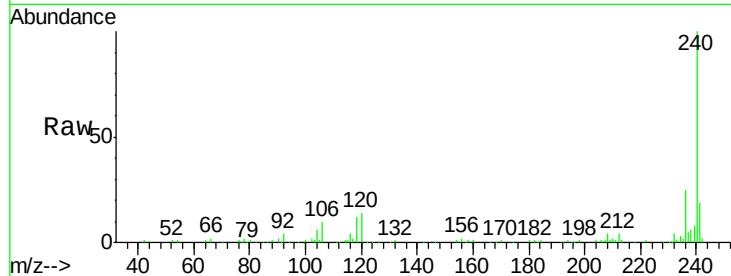




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF084022.D
 Acq: 23 Dec 2015 7:04

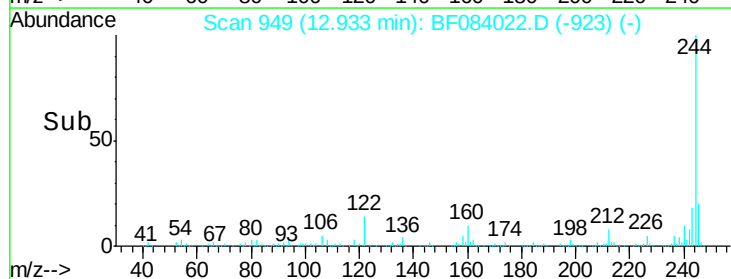
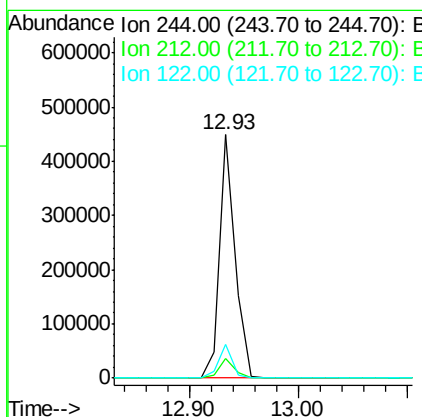
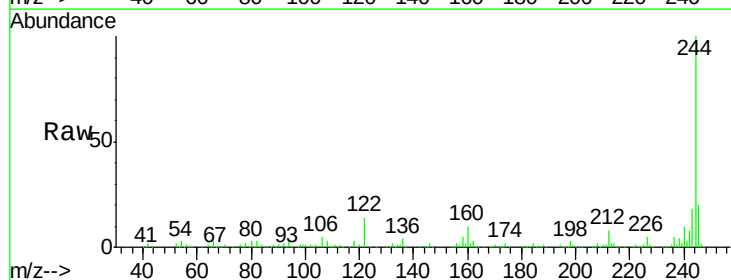
Instrument :
 BNA_F
 ClientSampleId :
 IM-CLAY-010

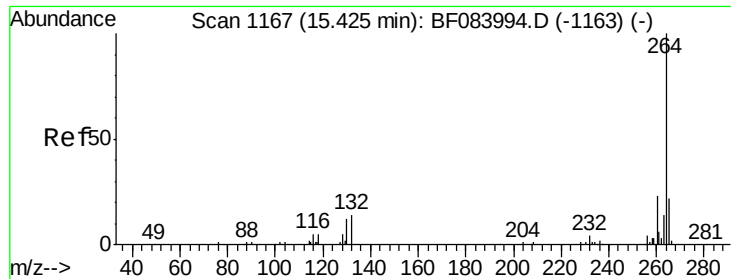
Tot Ion	Ratio	Lower	Upper
240	100		
120	13.5	9.5	14.3
236	25.5	20.6	31.0



#78
 Terphenyl-d14
 Concen: 67.71 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF084022.D
 Acq: 23 Dec 2015 7:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.7	8.5
122	13.8	7.4	11.0

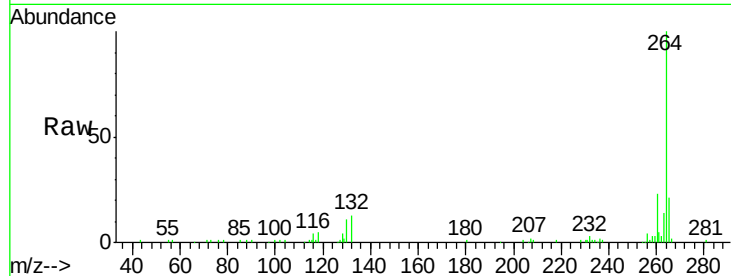




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF084022.D
Acq: 23 Dec 2015 7:04

Instrument :
BNA_F
ClientSampleId :
IM-CLAY-010

Tot Ion:	264	Resp:	118585
Ion Ratio	Lower	Upper	
264	100		
260	22.8	19.4	29.2
265	21.2	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

