

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
 Data File : BF084050.D
 Acq On : 23 Dec 2015 23:05
 Operator : UM/SJ
 Sample : G4907-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-14

Quant Time: Dec 24 02:31:28 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	6.82	152	48867	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	177675	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	90175	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	140320	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	86435	20.00	ng	-0.01
86) Perylene-d12	15.41	264	84815	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	174769	60.98	ng	0.00
7) Phenol-d6	6.46	99	142585	42.31	ng	-0.01
23) Nitrobenzene-d5	7.39	82	313118	108.26	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	125591	144.80	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	534389	79.76	ng	-0.01
78) Terphenyl-d14	12.92	244	332008	91.60	ng	-0.01

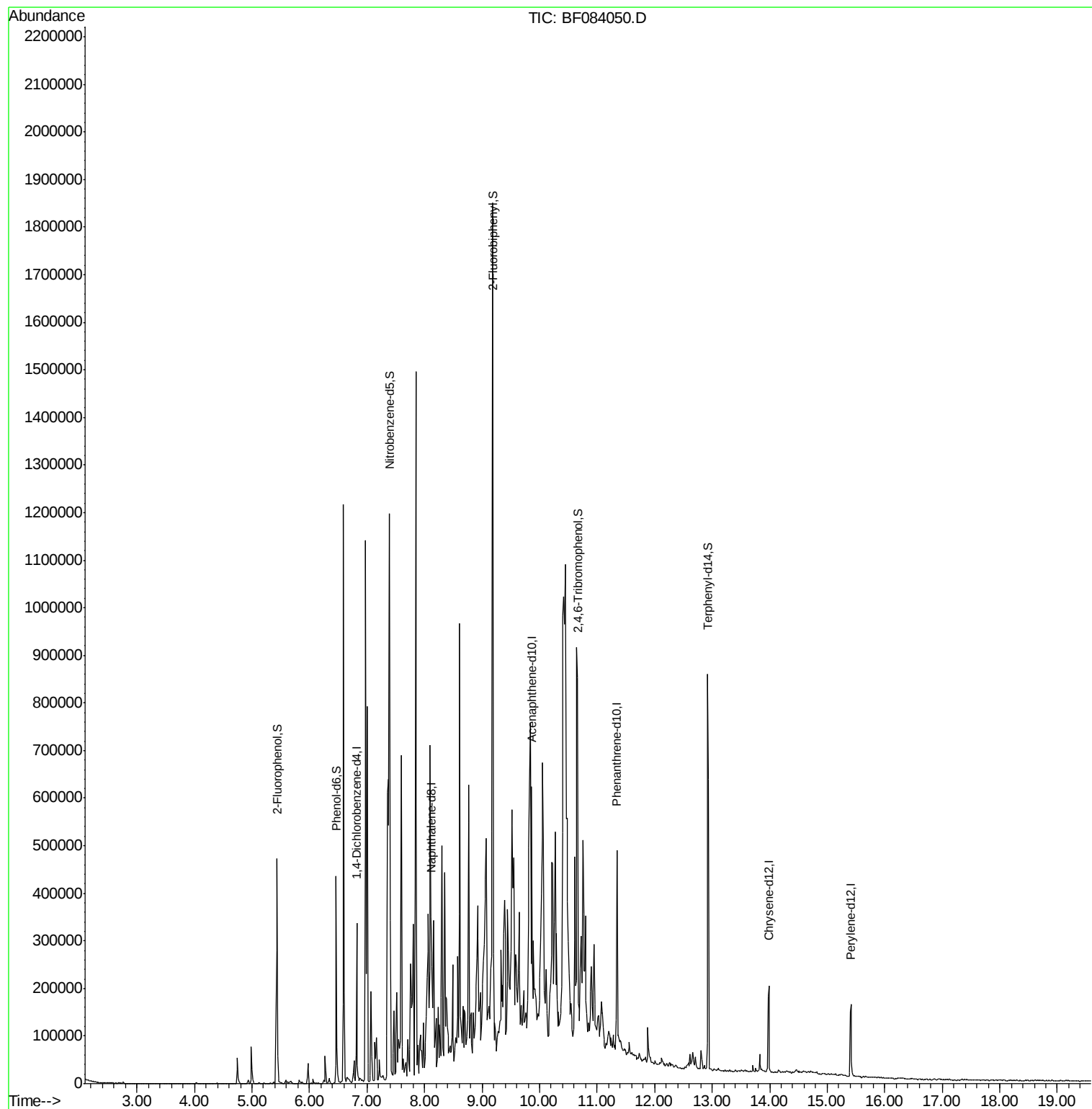
Target Compounds Qvalue

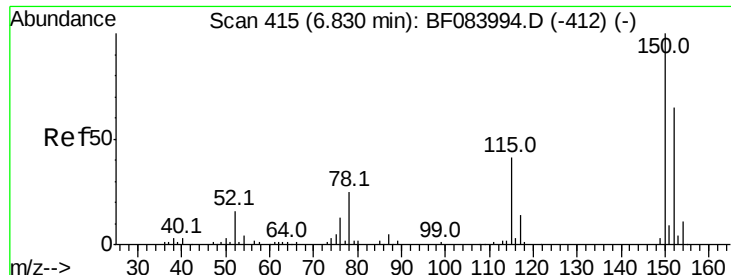
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF084050.D

Acq: 23 Dec 2015 23:05

Instrument :

BNA_F

ClientSampleId :

MW-14

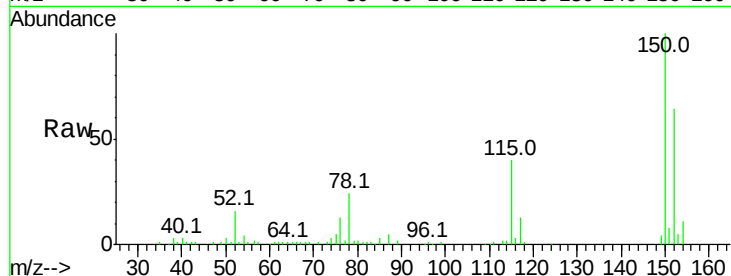
Tot Ion:152 Resp: 48867

Ion Ratio Lower Upper

152 100

150 156.6 123.0 184.4

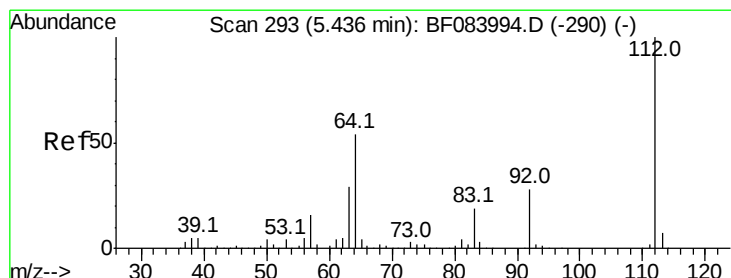
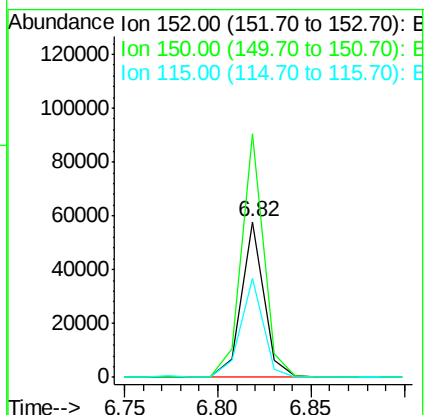
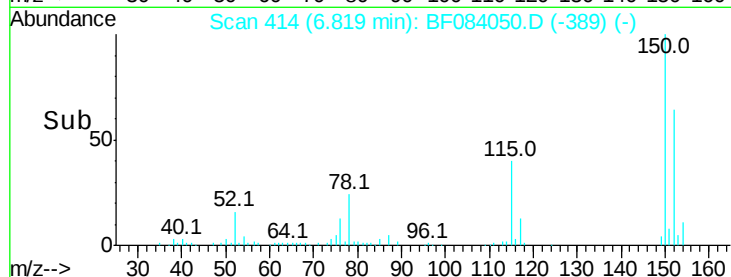
115 63.3 51.4 77.2



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: 60.98 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.00 min

Lab File: BF084050.D

Acq: 23 Dec 2015 23:05

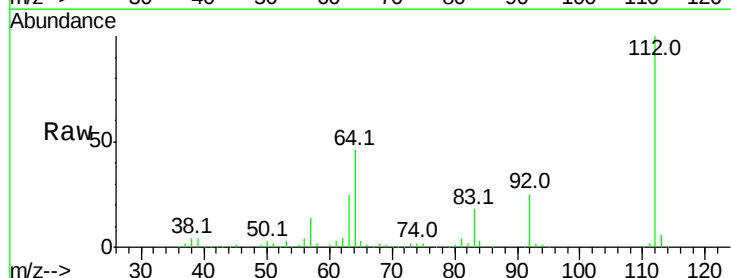
Tgt Ion:112 Resp: 174769

Ion Ratio Lower Upper

112 100

64 45.7 36.6 55.0

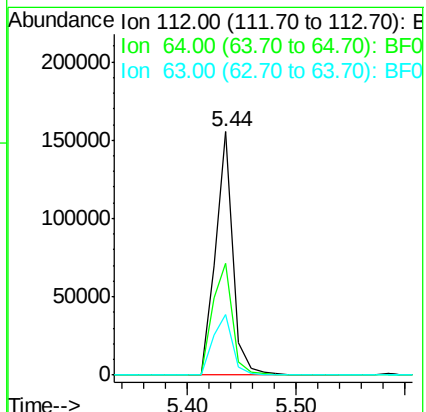
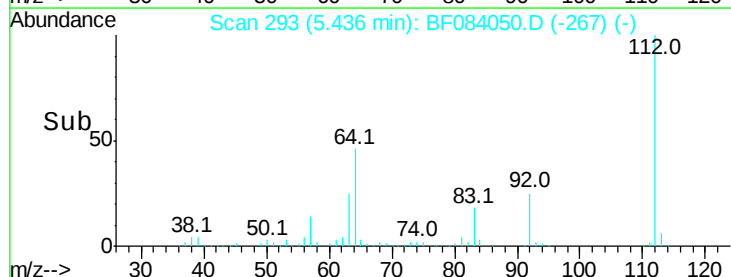
63 24.8 19.4 29.0

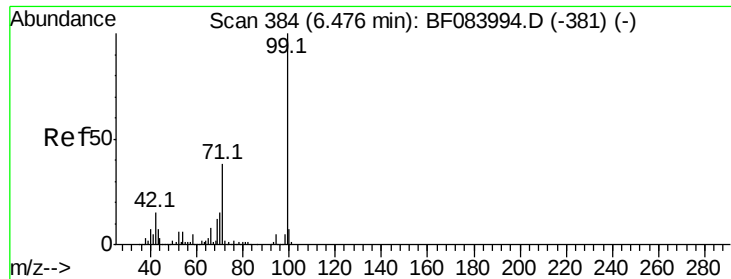


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 42.31 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF084050.D

Acq: 23 Dec 2015 23:05

Instrument :

BNA_F

ClientSampled :

MW-14

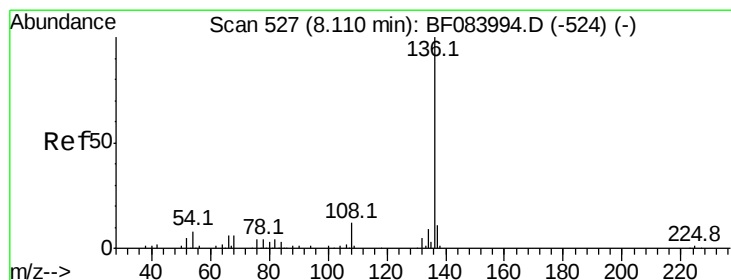
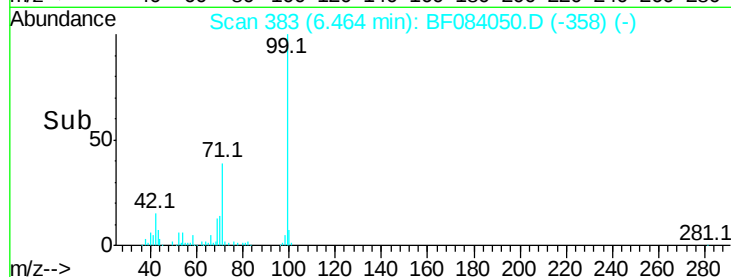
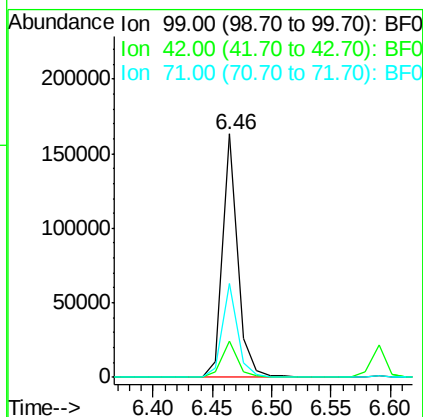
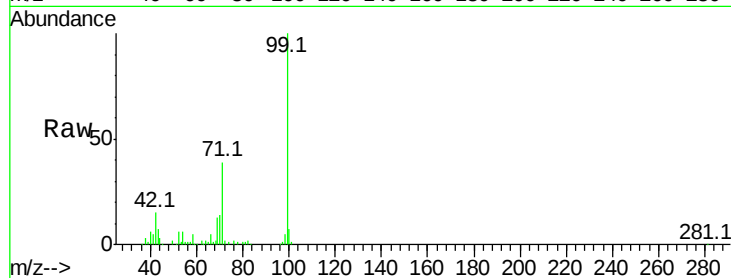
Tot Ion: 99 Resp: 142585

Ion Ratio Lower Upper

99 100

42 15.1 12.8 19.2

71 38.5 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: BF084050.D

Acq: 23 Dec 2015 23:05

Tgt Ion: 136 Resp: 177675

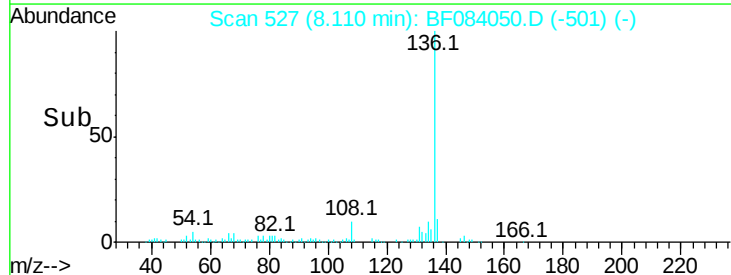
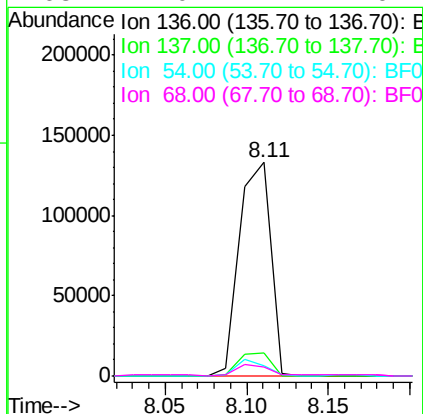
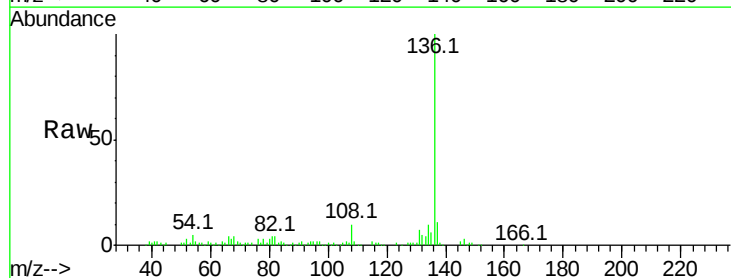
Ion Ratio Lower Upper

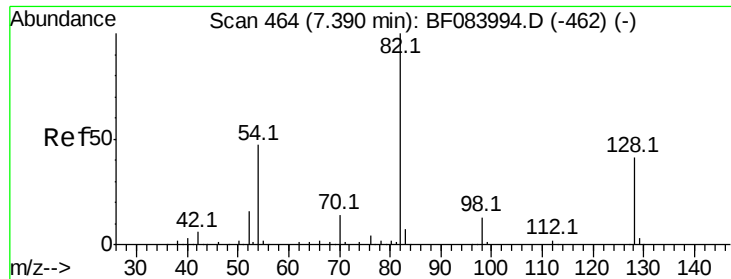
136 100

137 10.6 8.7 13.1

54 4.6 5.8 8.8#

68 4.0 4.2 6.2#

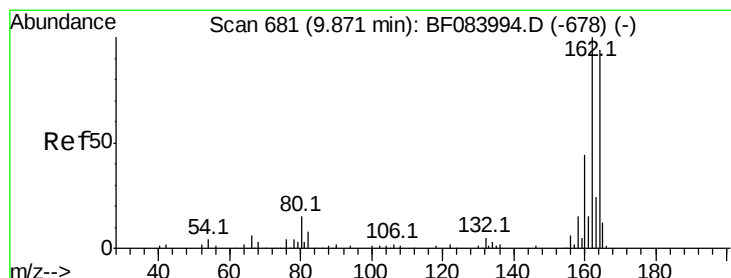
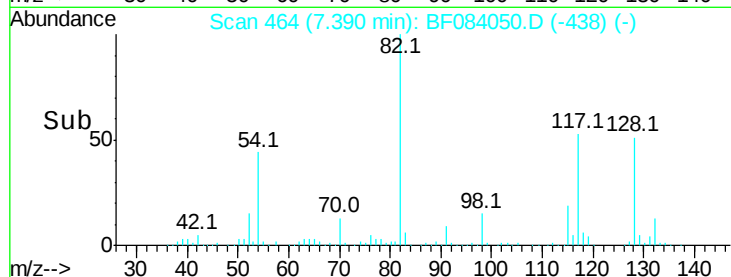
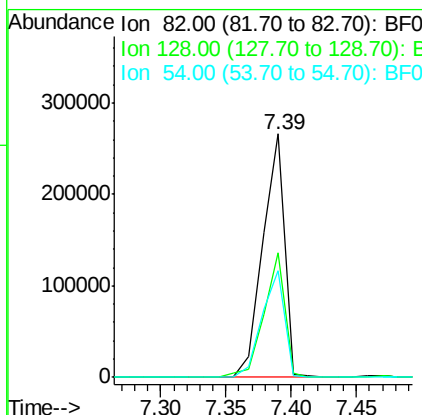
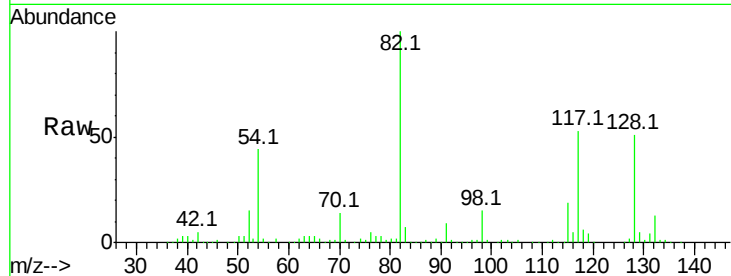




#23
Nitrobenzene-d5
Concen: 108.26 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF084050.D
Acq: 23 Dec 2015 23:05

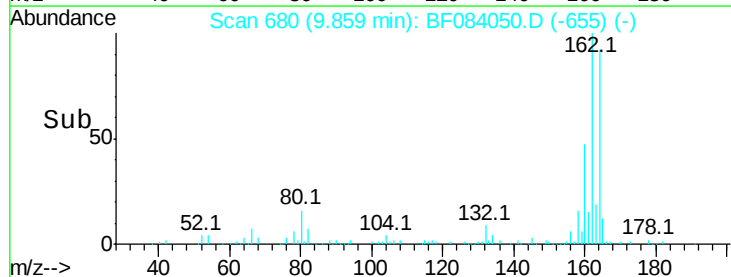
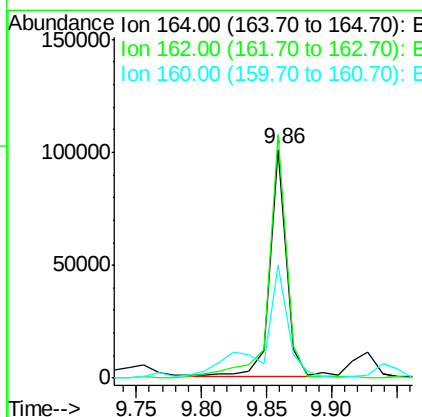
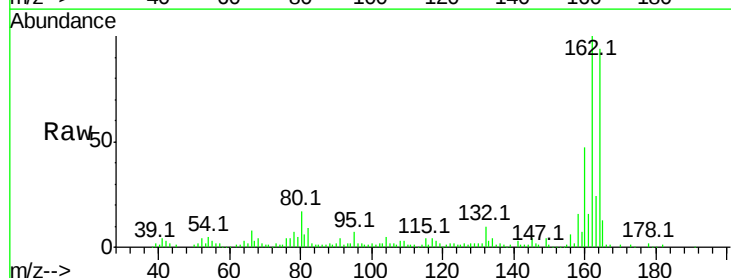
Instrument :
BNA_F
ClientSampleId :
MW-14

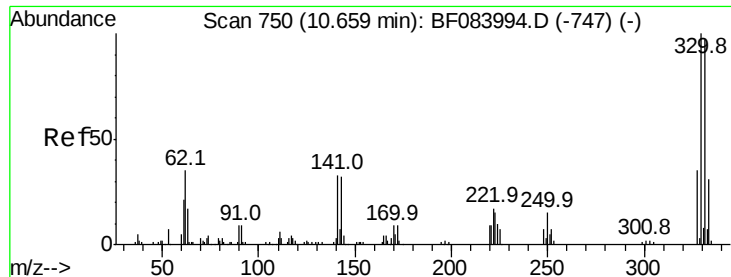
Tot Ion	82	Resp	313118
Ion Ratio	Lower	Upper	
82	100		
128	51.1	34.6	51.8
54	43.6	38.4	57.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF084050.D
Acq: 23 Dec 2015 23:05

Tgt Ion	164	Resp	90175
Ion Ratio	Lower	Upper	
164	100		
162	106.6	85.1	127.7
160	49.7	37.5	56.3

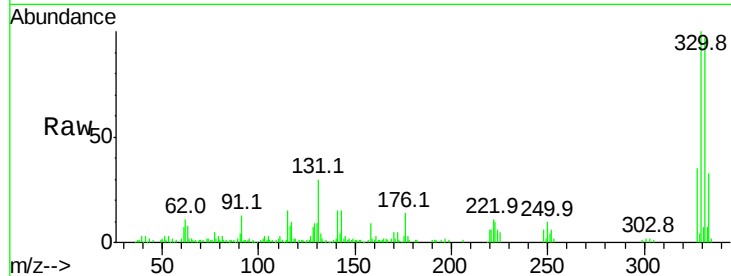




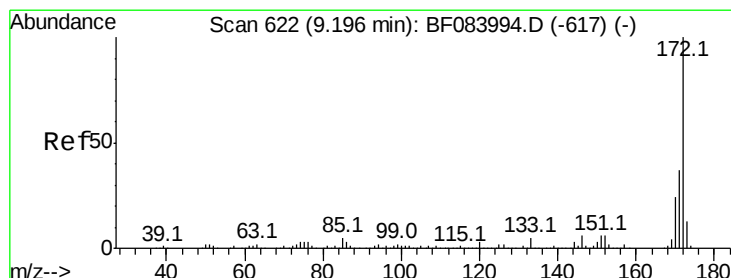
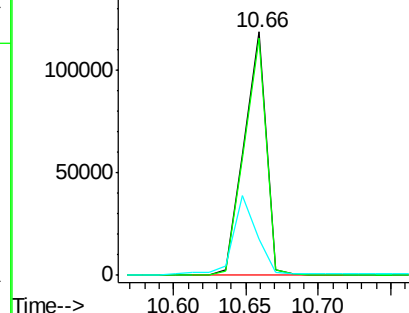
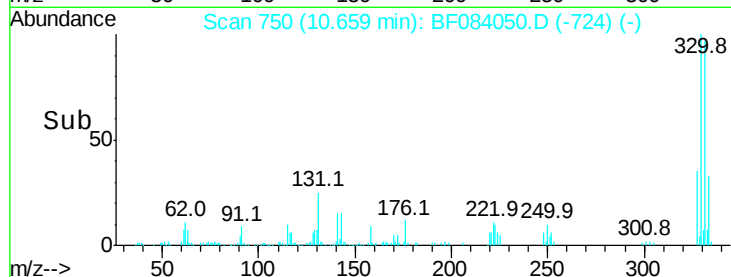
#41
 2,4,6-Tribromophenol
 Concen: 144.80 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF084050.D
 Acq: 23 Dec 2015 23:05

Instrument :
 BNA_F
 ClientSampleId :
 MW-14

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	114.8
141	34.5	27.8	41.6

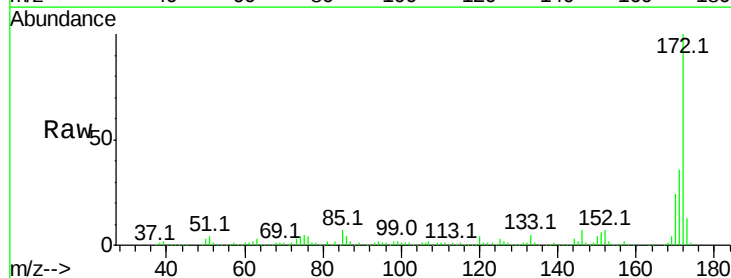


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

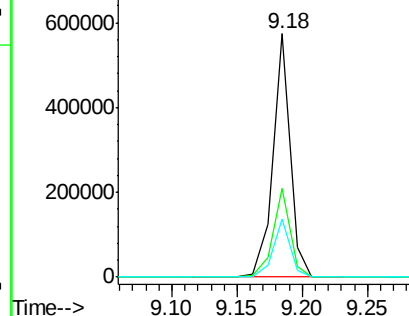
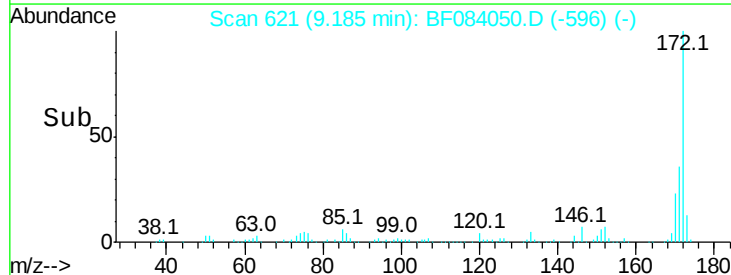


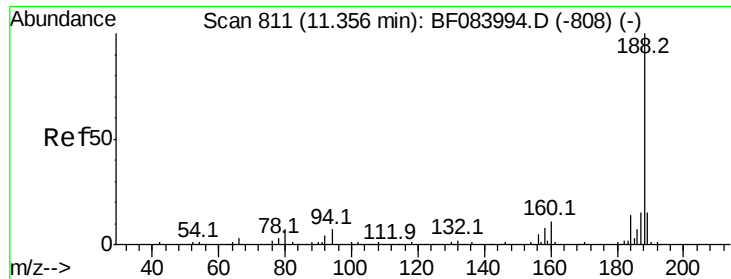
#44
 2-Fluorobiphenyl
 Concen: 79.76 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF084050.D
 Acq: 23 Dec 2015 23:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	23.6	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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF084050.D

Acq: 23 Dec 2015 23:05

Instrument :

BNA_F

ClientSampleId :

MW-14

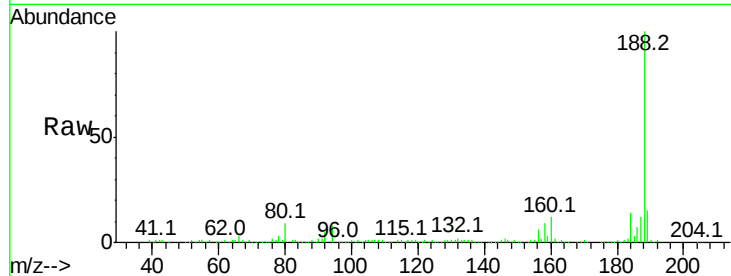
Tot Ion:188 Resp: 140320

Ion Ratio Lower Upper

188 100

94 8.2 9.0 13.4#

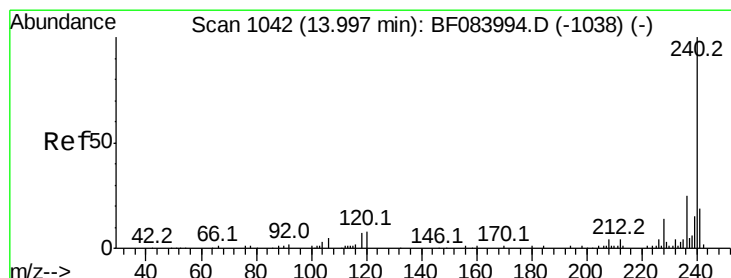
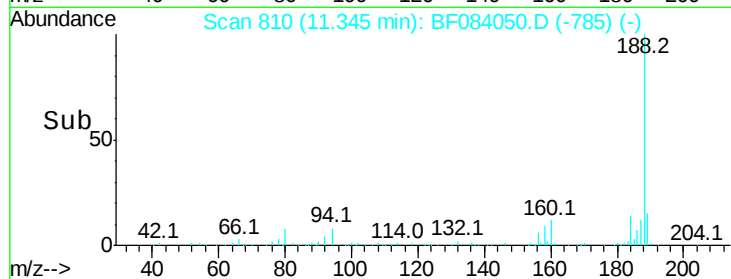
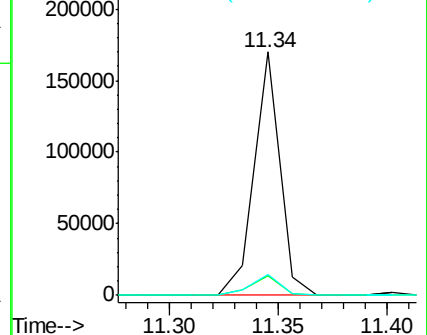
80 8.7 9.6 14.4#



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: BF084050.D

Acq: 23 Dec 2015 23:05

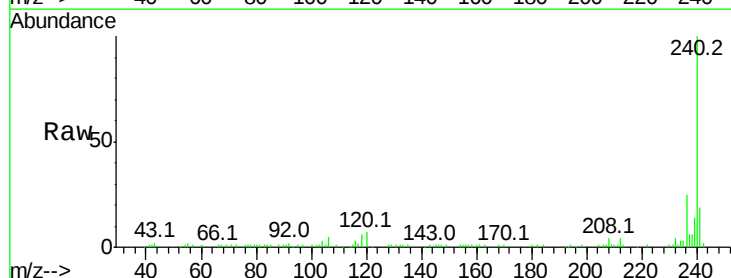
Tgt Ion:240 Resp: 86435

Ion Ratio Lower Upper

240 100

120 7.5 9.5 14.3#

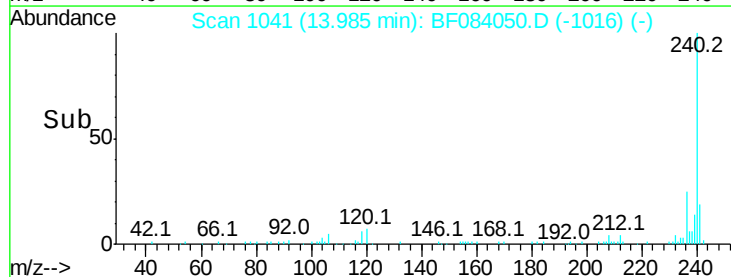
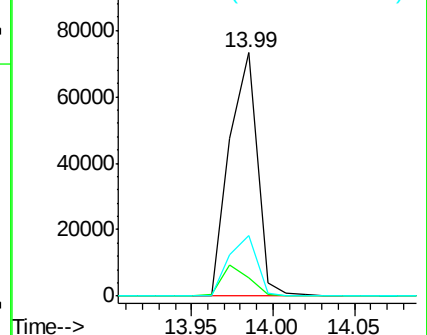
236 24.7 20.6 31.0

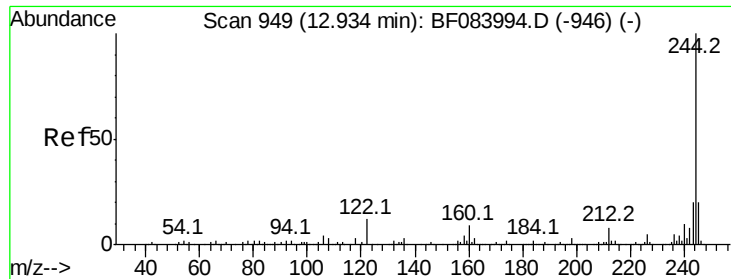


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 91.60 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF084050.D

Acq: 23 Dec 2015 23:05

Instrument :

BNA_F

ClientSampleId :

MW-14

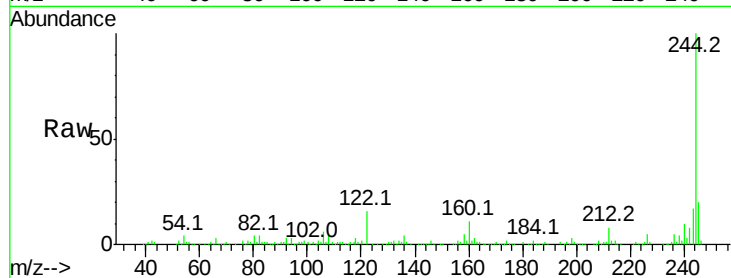
Tot Ion:244 Resp: 332008

Ion Ratio Lower Upper

244 100

212 8.4 5.7 8.5

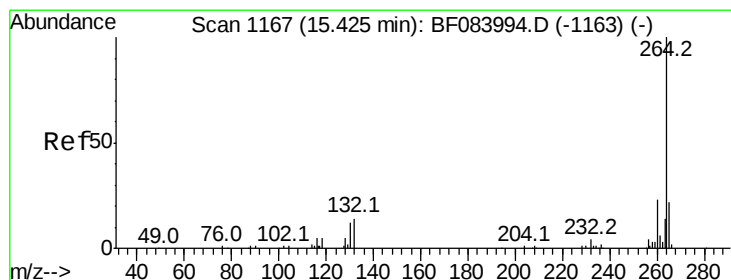
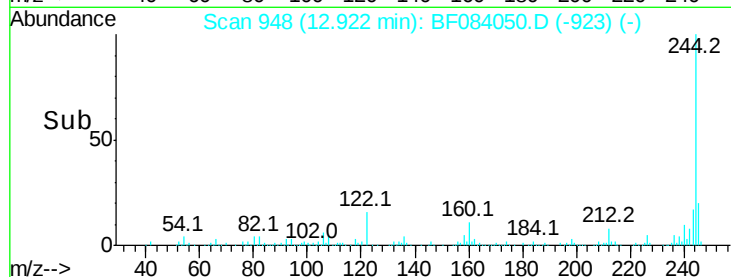
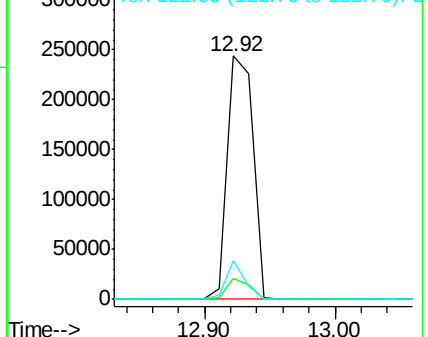
122 16.1 7.4 11.0#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.41 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF084050.D

Acq: 23 Dec 2015 23:05

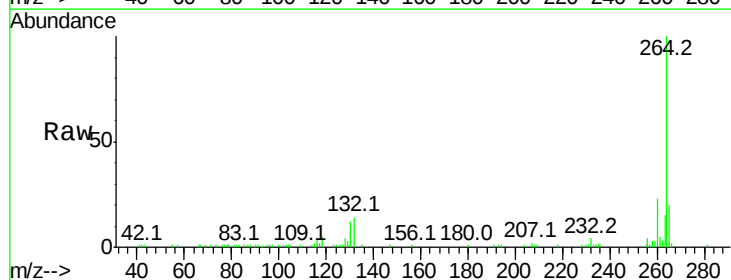
Tgt Ion:264 Resp: 84815

Ion Ratio Lower Upper

264 100

260 22.6 19.4 29.2

265 20.2 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

