

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
 Data File : BF084104.D
 Acq On : 25 Dec 2015 3:08
 Operator : UM/SJ
 Sample : G4951-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-4-122215

Quant Time: Dec 25 06:10:17 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

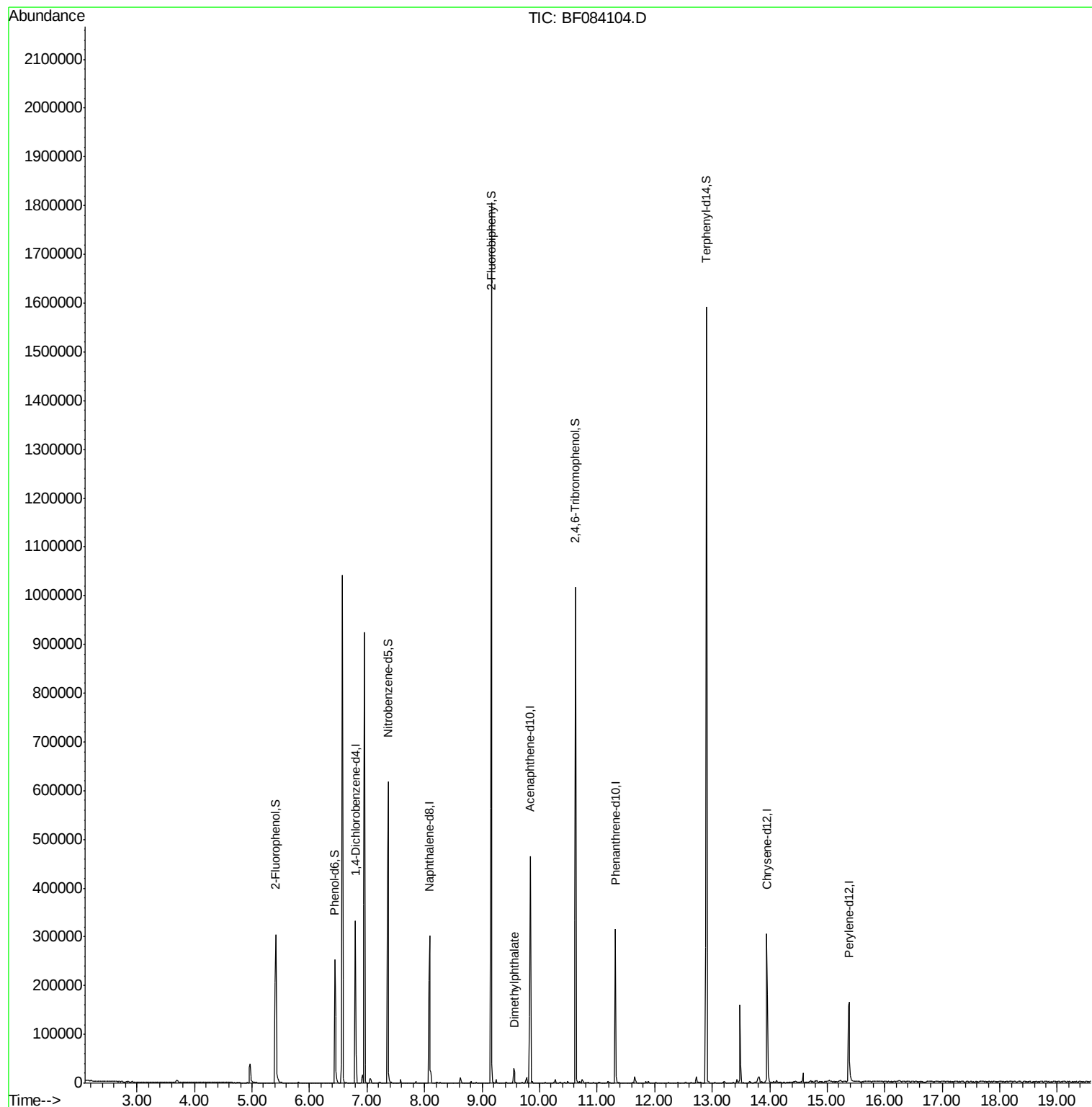
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	49355	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	186010	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	91620	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	166013	20.00	ng	0.00
75) Chrysene-d12	13.95	240	125969	20.00	ng	-0.01
86) Perylene-d12	15.38	264	99908	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	129073	44.34	ng	0.00
7) Phenol-d6	6.44	99	108322	30.07	ng	-0.01
23) Nitrobenzene-d5	7.37	82	256024	80.57	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	120684	123.52	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	563241	84.12	ng	0.00
78) Terphenyl-d14	12.90	244	464022	66.65	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.56	163	15815	2.08	ng	# 89

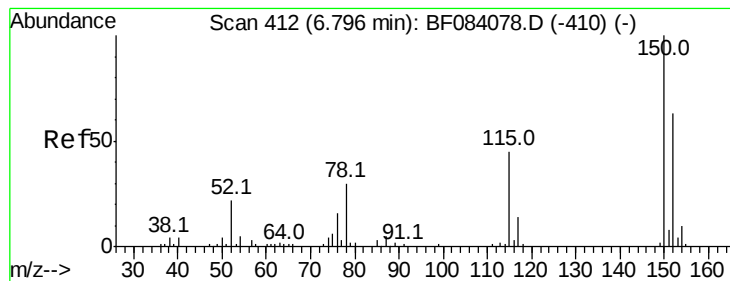
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF084104.D

Acq: 25 Dec 2015 3:08

Instrument :

BNA_F

ClientSampleId :

PZ-4-122215

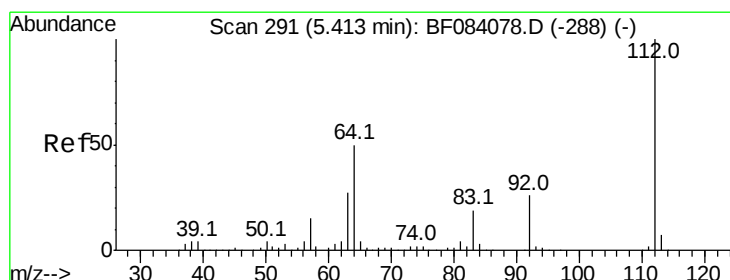
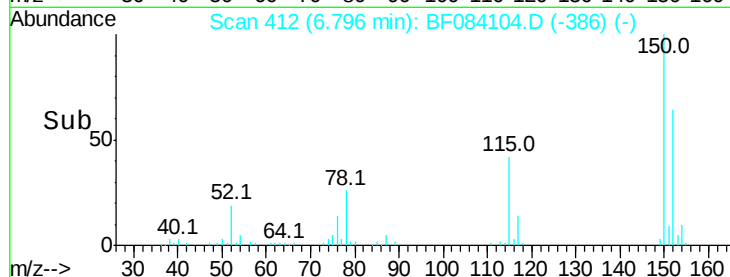
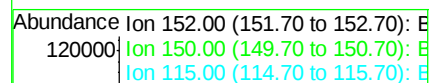
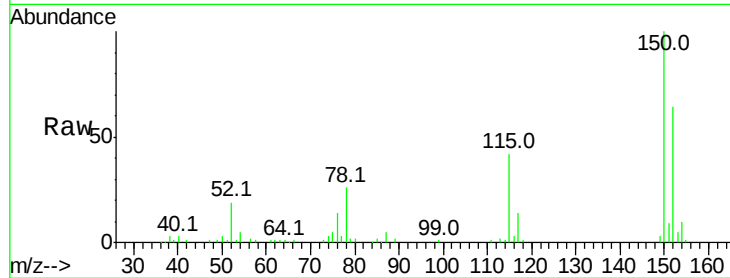
Tot Ion:152 Resp: 49355

Ion Ratio Lower Upper

152 100

150 155.2 123.0 184.4

115 66.0 51.4 77.2



#5

2-Fluorophenol

Concen: 44.34 ng

RT: 5.41 min Scan# 291

Delta R.T. 0.00 min

Lab File: BF084104.D

Acq: 25 Dec 2015 3:08

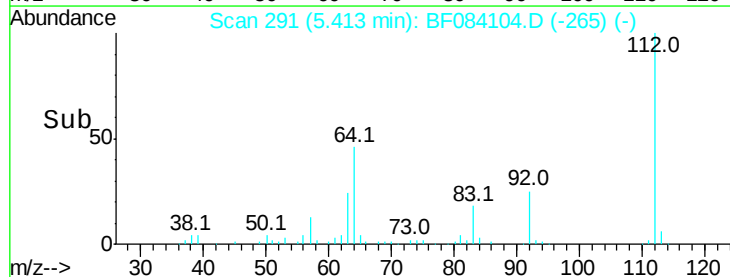
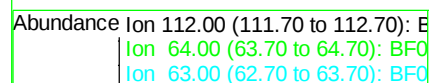
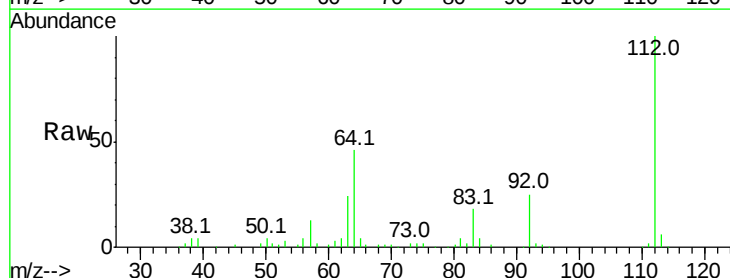
Tgt Ion:112 Resp: 129073

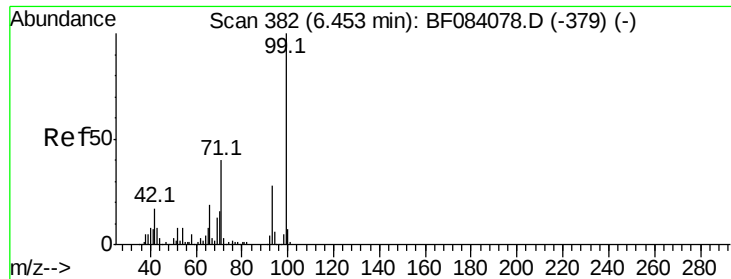
Ion Ratio Lower Upper

112 100

64 45.8 36.6 55.0

63 24.5 19.4 29.0





#7

Phenol-d6

Concen: 30.07 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF084104.D

Acq: 25 Dec 2015 3:08

Instrument :

BNA_F

ClientSampleId :

PZ-4-122215

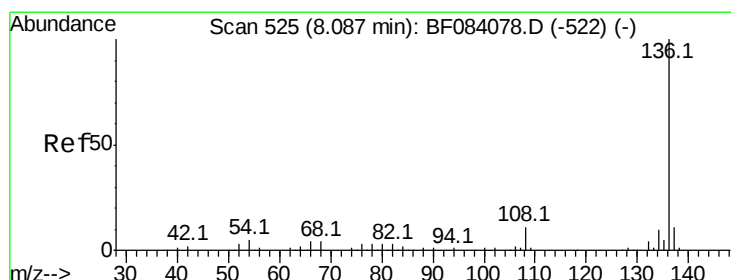
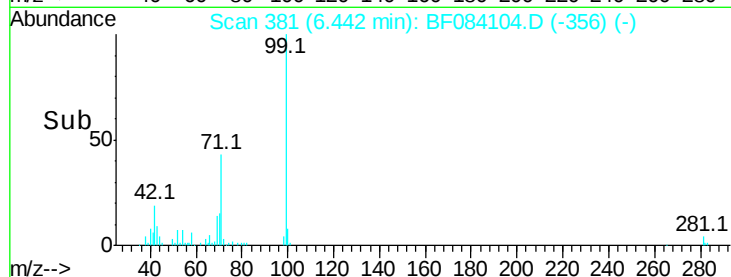
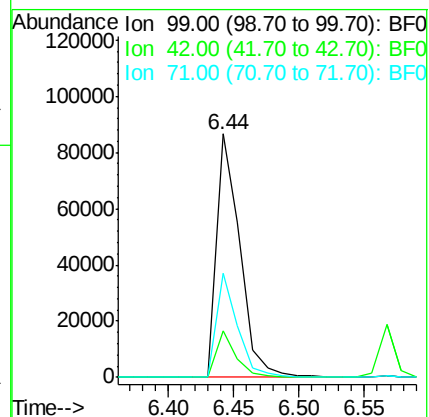
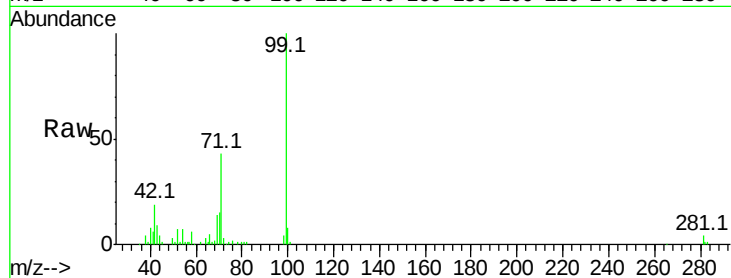
Tot Ion: 99 Resp: 108322

Ion Ratio Lower Upper

99 100

42 19.0 12.8 19.2

71 43.0 30.9 46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF084104.D

Acq: 25 Dec 2015 3:08

Tgt Ion: 136 Resp: 186010

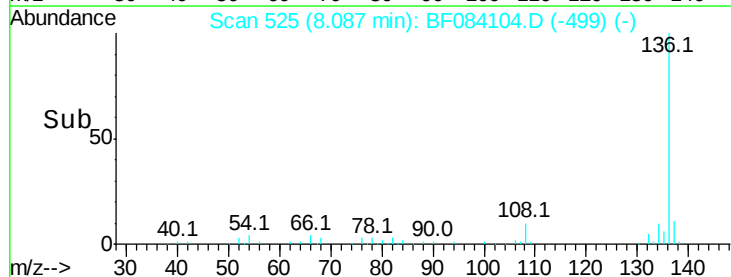
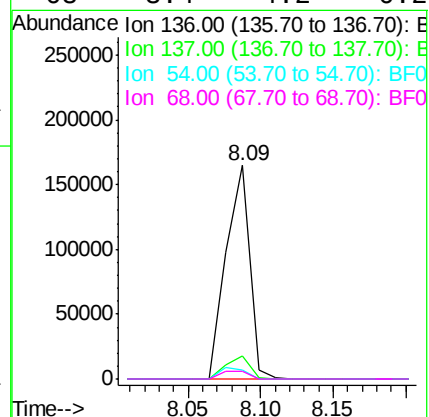
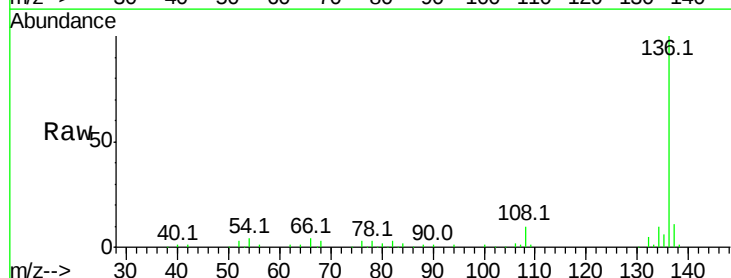
Ion Ratio Lower Upper

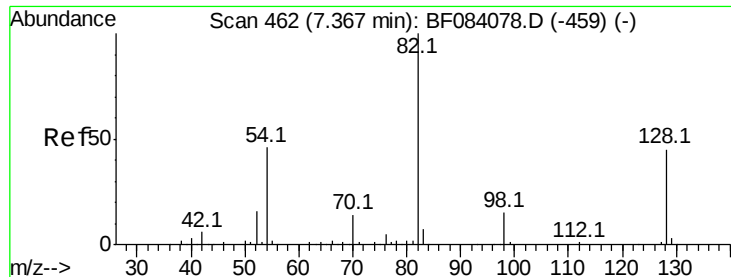
136 100

137 10.6 8.7 13.1

54 4.3 5.8 8.8#

68 3.4 4.2 6.2#

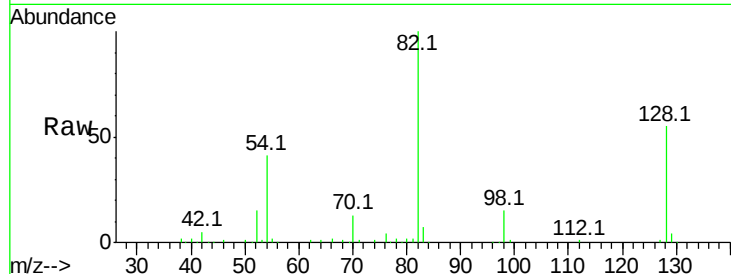




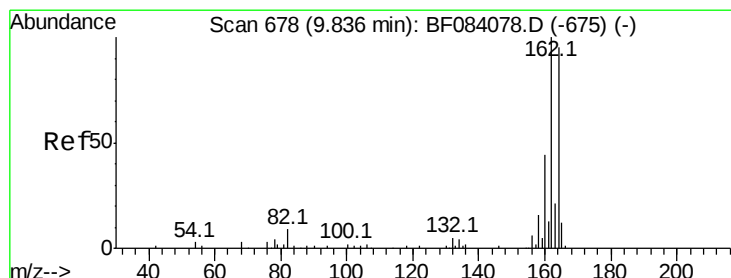
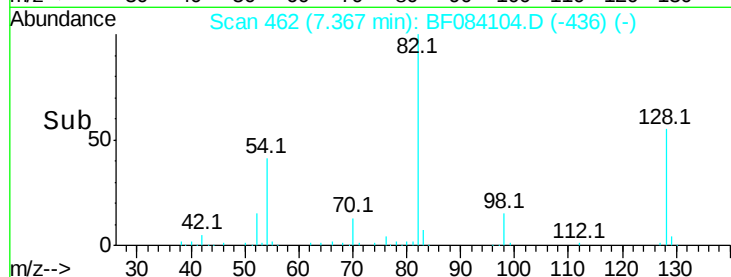
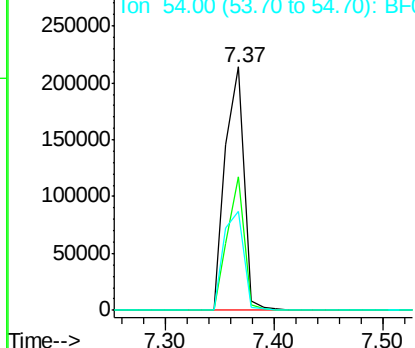
#23
 Nitrobenzene-d5
 Concen: 80.57 ng
 RT: 7.37 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF084104.D
 Acq: 25 Dec 2015 3:08

Instrument :
 BNA_F
 ClientSampled :
 PZ-4-122215

Tot Ion	82	Resp	256024
Ion Ratio	Lower	Upper	
82	100		
128	55.0	34.6	51.8#
54	40.6	38.4	57.6

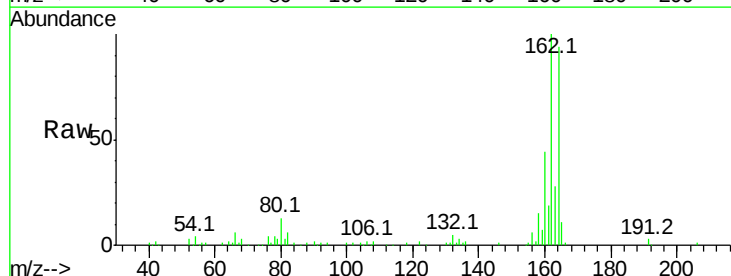


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

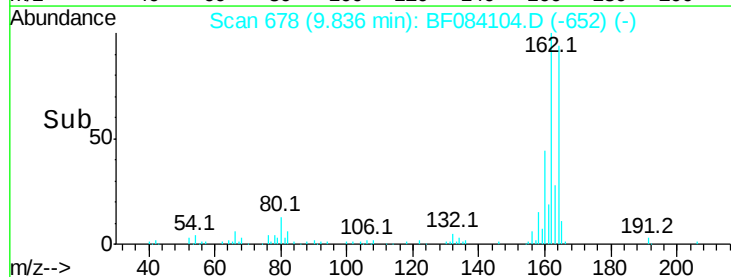
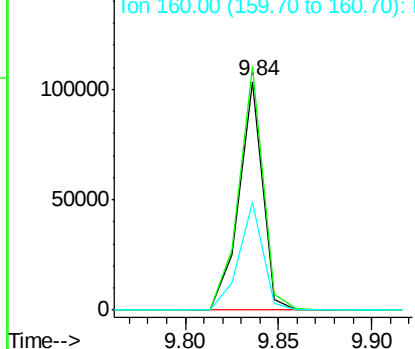


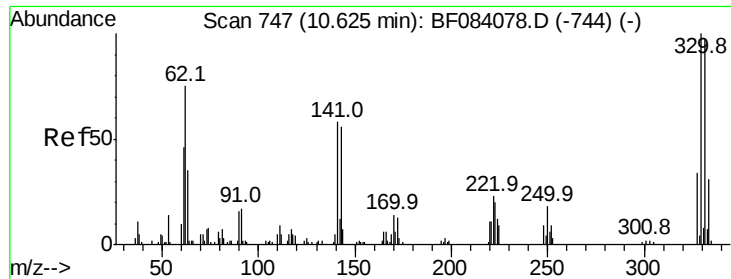
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF084104.D
 Acq: 25 Dec 2015 3:08

Tgt Ion	164	Resp	91620
Ion Ratio	Lower	Upper	
164	100		
162	106.5	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

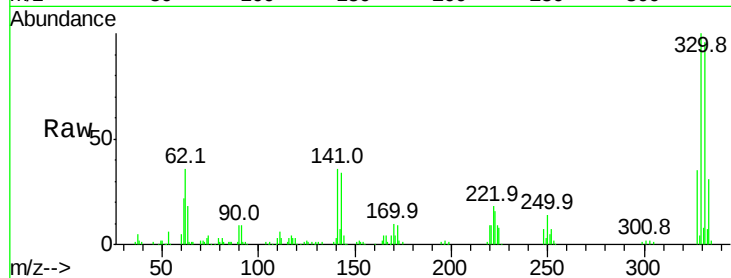




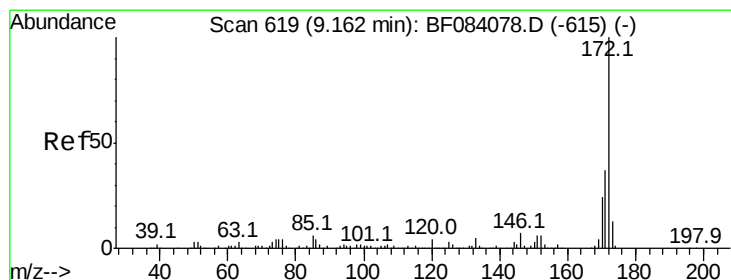
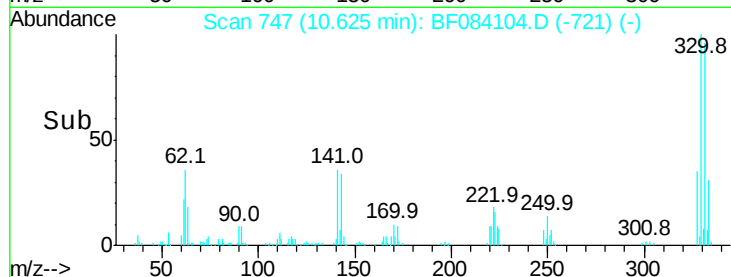
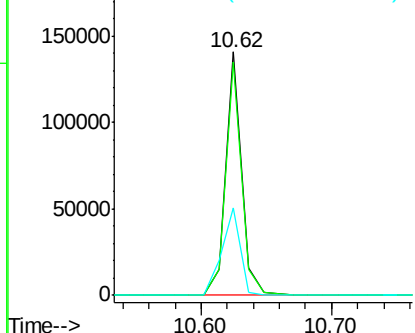
#41
 2,4,6-Tribromophenol
 Concen: 123.52 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF084104.D
 Acq: 25 Dec 2015 3:08

Instrument :
 BNA_F
 ClientSampleId :
 PZ-4-122215

Tot Ion:330 Resp: 120684
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 114.8
 141 41.6 27.8 41.6

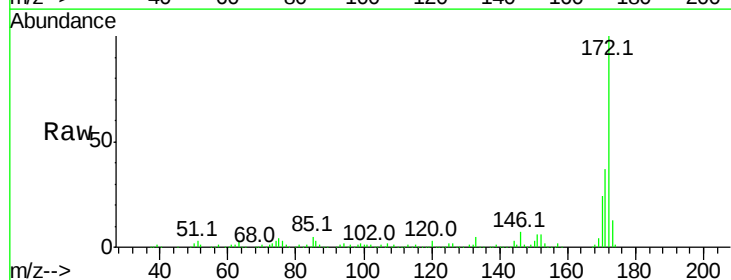


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

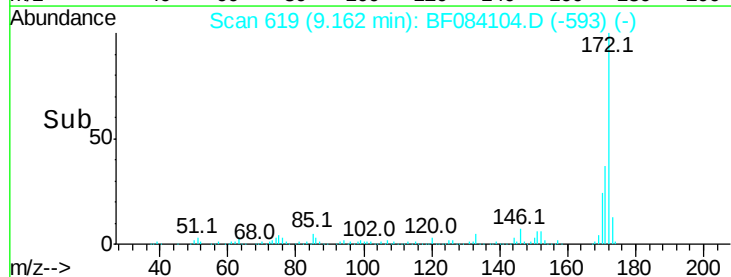
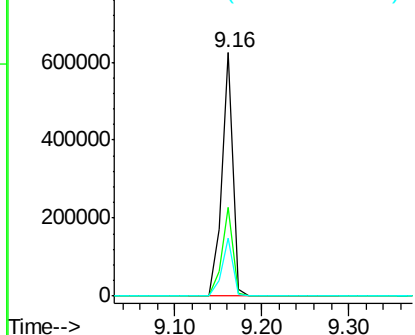


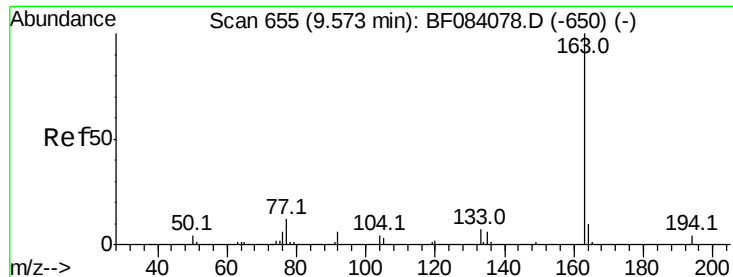
#44
 2-Fluorobiphenyl
 Concen: 84.12 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF084104.D
 Acq: 25 Dec 2015 3:08

Tgt Ion:172 Resp: 563241
 Ion Ratio Lower Upper
 172 100
 171 36.7 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

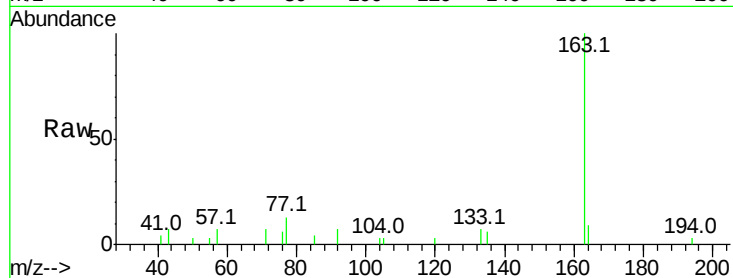




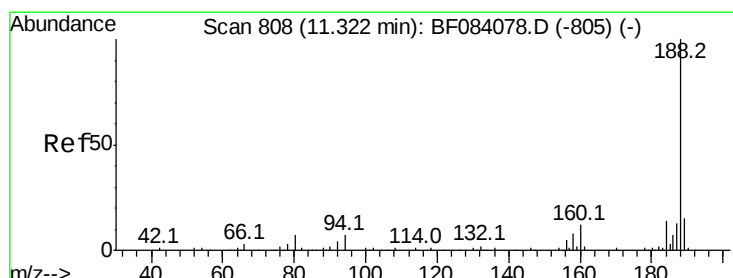
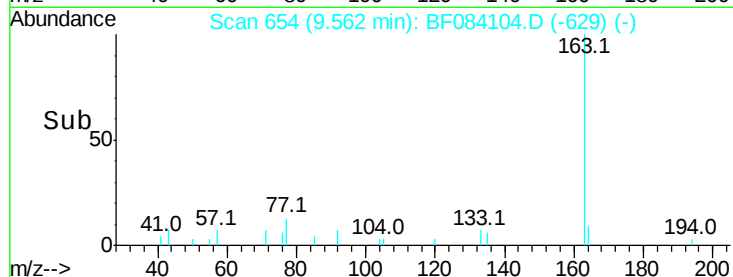
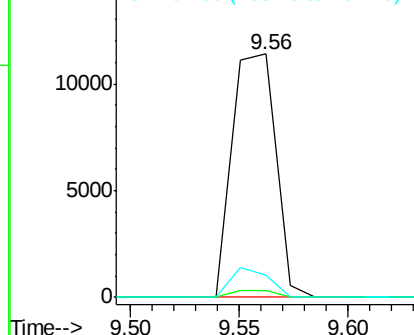
#49
Dimethylphthalate
Concen: 2.08 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF084104.D
Acq: 25 Dec 2015 3:08

Instrument :
BNA_F
ClientSampleId :
PZ-4-122215

Tot Ion:163 Resp: 15815
Ion Ratio Lower Upper
163 100
194 3.0 8.0 12.0#
164 9.1 8.0 12.0

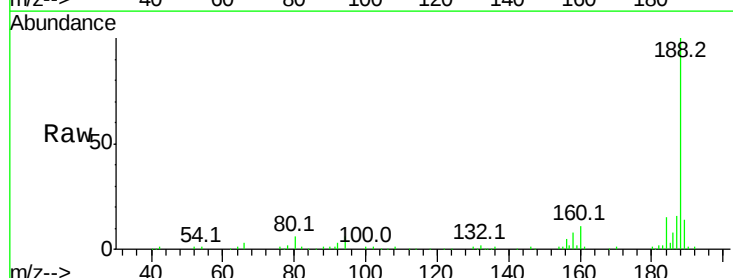


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

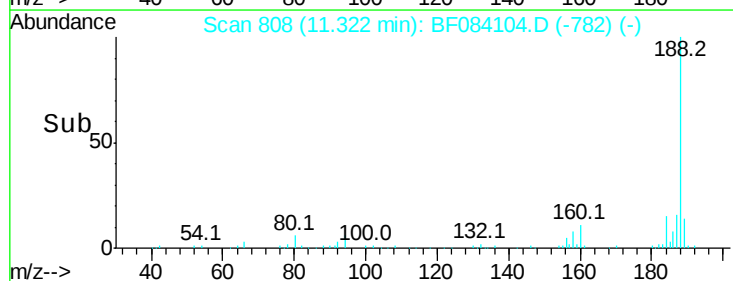
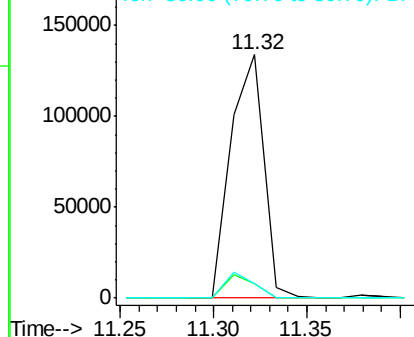


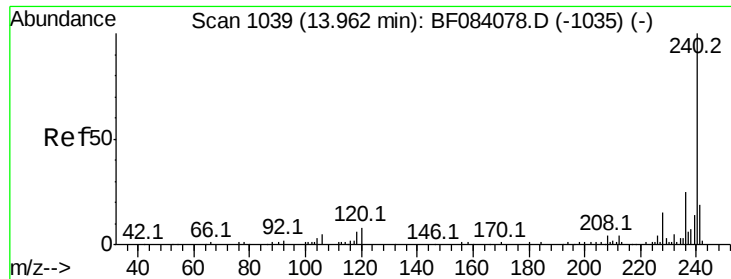
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF084104.D
Acq: 25 Dec 2015 3:08

Tgt Ion:188 Resp: 166013
Ion Ratio Lower Upper
188 100
94 5.9 9.0 13.4#
80 6.1 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: BF084104.D

Acq: 25 Dec 2015 3:08

Instrument :

BNA_F

ClientSampleId :

PZ-4-122215

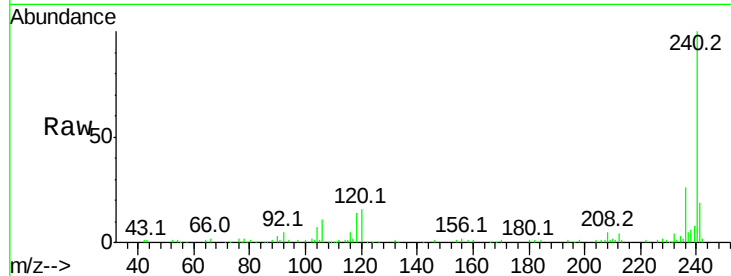
Tot Ion:240 Resp: 125969

Ion Ratio Lower Upper

240 100

120 15.8 9.5 14.3#

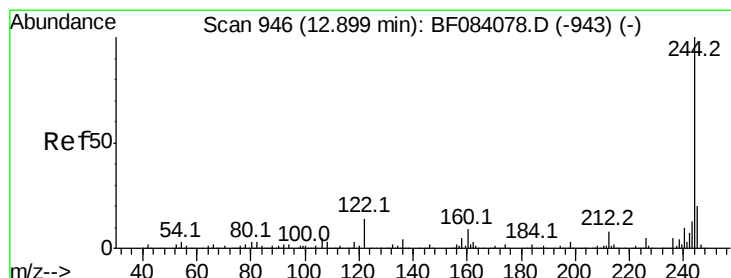
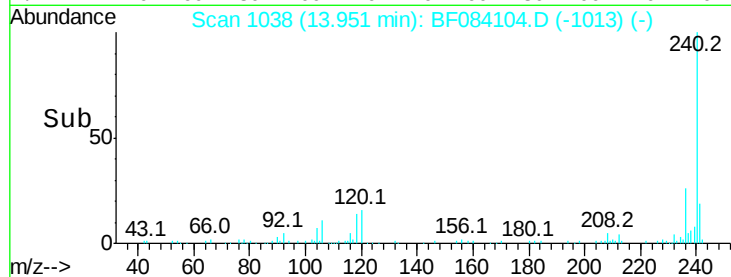
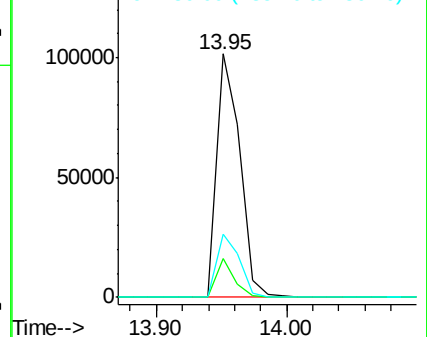
236 25.7 20.6 31.0



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: 66.65 ng

RT: 12.90 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF084104.D

Acq: 25 Dec 2015 3:08

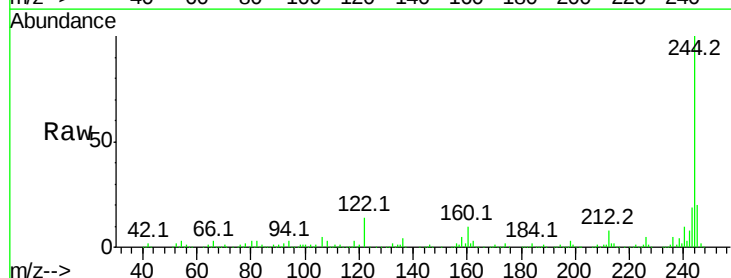
Tgt Ion:244 Resp: 464022

Ion Ratio Lower Upper

244 100

212 7.9 5.7 8.5

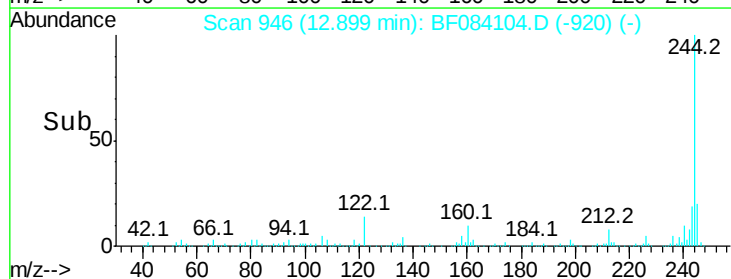
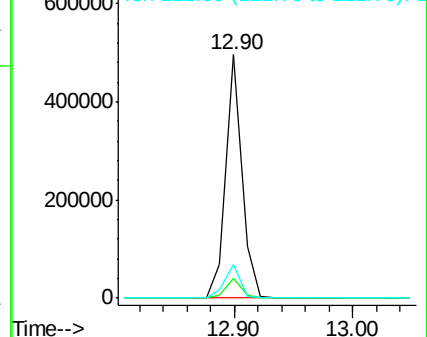
122 13.8 7.4 11.0#

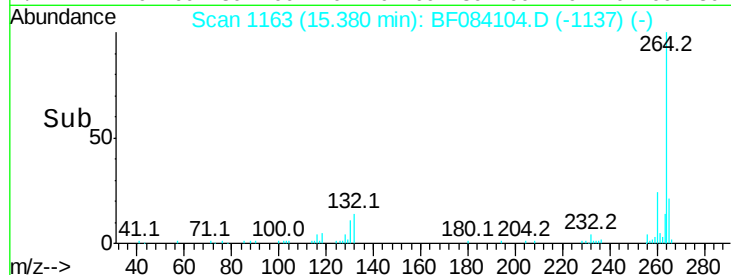
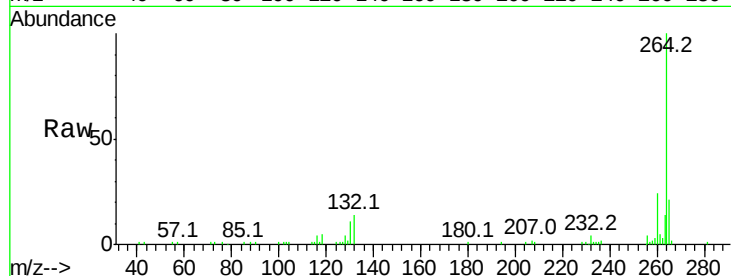
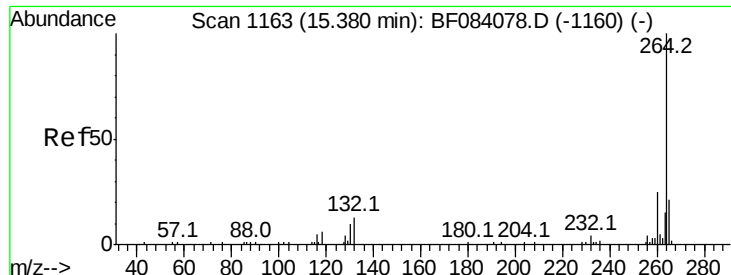


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.38 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BF084104.D

Acq: 25 Dec 2015 3:08

Instrument :

BNA_F

ClientSampleId :

PZ-4-122215

Tot Ion:264 Resp: 99908

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

265 21.0 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

