

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
 Data File : BF084069.D
 Acq On : 24 Dec 2015 8:03
 Operator : UM/SJ
 Sample : G4925-07
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 24 10:37:32 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	49897	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	186548	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	91787	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	150942	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	95571	20.00	ng	-0.01
86) Perylene-d12	15.41	264	85075	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	131527	44.94	ng	0.01
7) Phenol-d6	6.48	99	103480	30.07	ng	0.00
23) Nitrobenzene-d5	7.39	82	285269	93.94	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	118697	134.45	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	579842	85.02	ng	-0.01
78) Terphenyl-d14	12.93	244	481050	120.04	ng	0.00

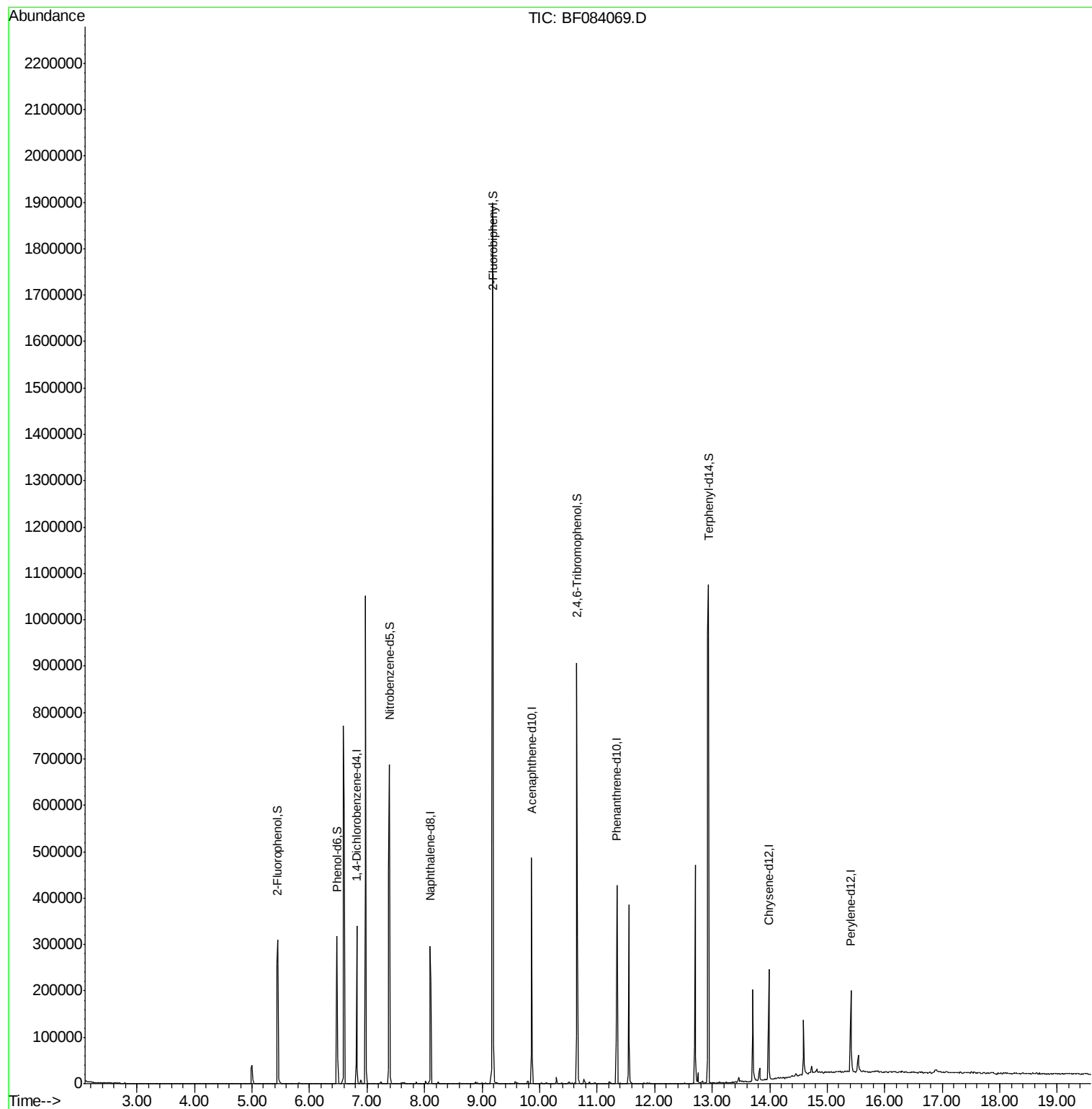
Target Compounds Qvalue

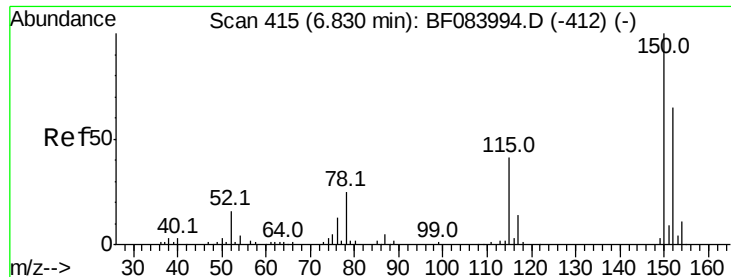
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF084069.D

Acq: 24 Dec 2015 8:03

Instrument :

BNA_F

ClientSampleId :

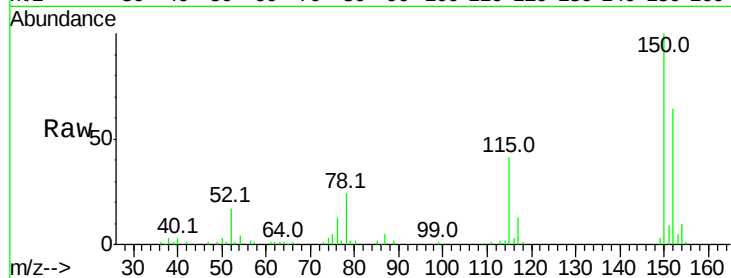
Tot Ion:152 Resp: 49897

Ion Ratio Lower Upper

152 100

150 157.0 123.0 184.4

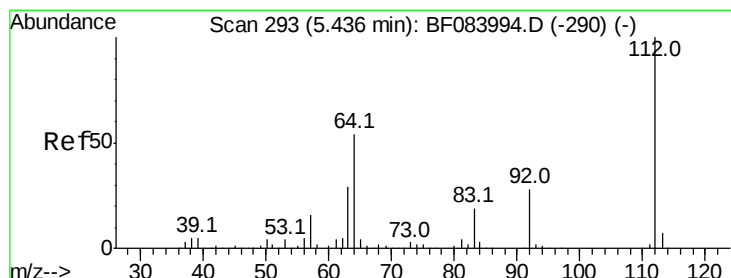
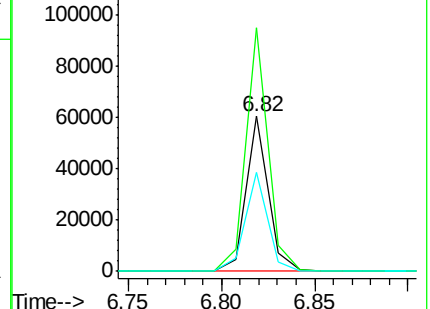
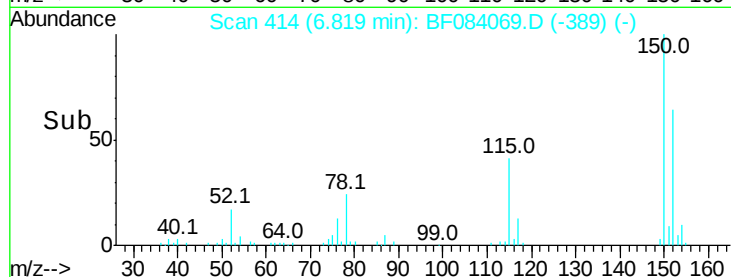
115 63.8 51.4 77.2



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: 44.94 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF084069.D

Acq: 24 Dec 2015 8:03

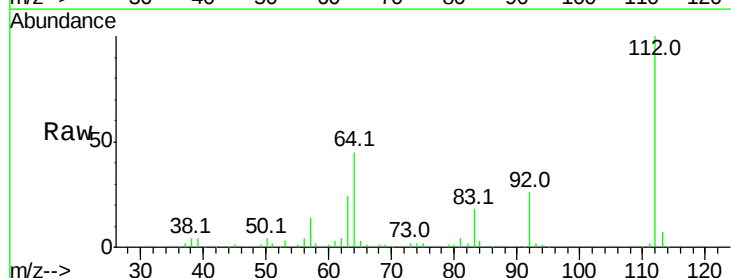
Tgt Ion:112 Resp: 131527

Ion Ratio Lower Upper

112 100

64 45.5 36.6 55.0

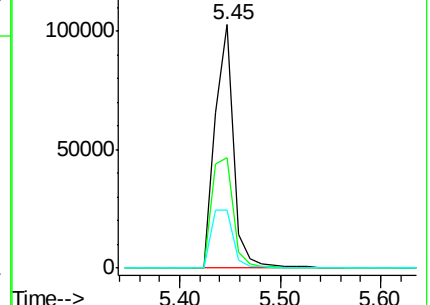
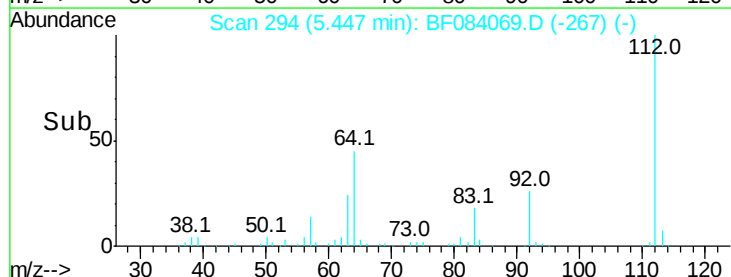
63 24.0 19.4 29.0

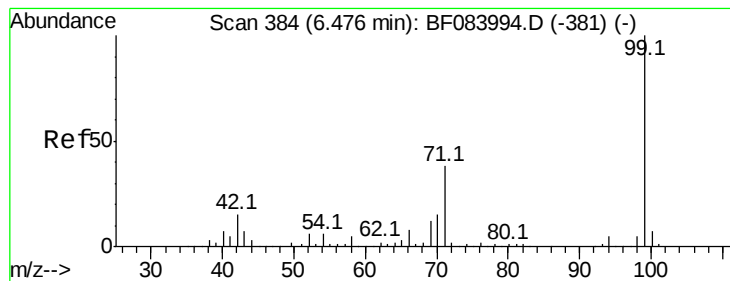


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 30.07 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF084069.D

Acq: 24 Dec 2015 8:03

Instrument :

BNA_F

ClientSampleId :

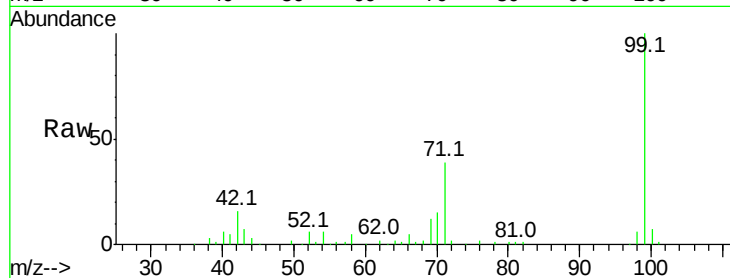
Tot Ion: 99 Resp: 103480

Ion Ratio Lower Upper

99 100

42 15.9 12.8 19.2

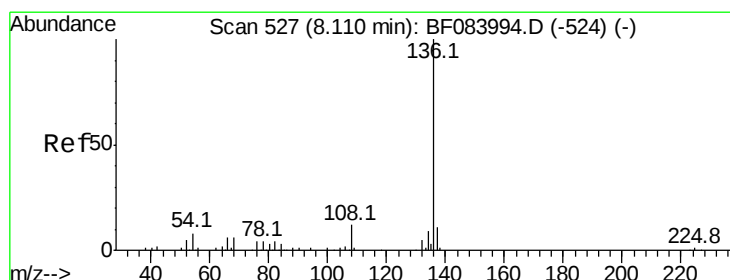
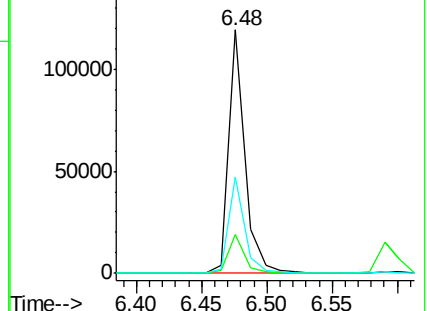
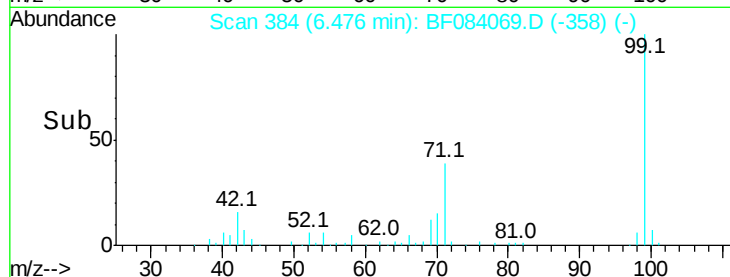
71 39.4 30.9 46.3



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: 8.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF084069.D

Acq: 24 Dec 2015 8:03

Tgt Ion: 136 Resp: 186548

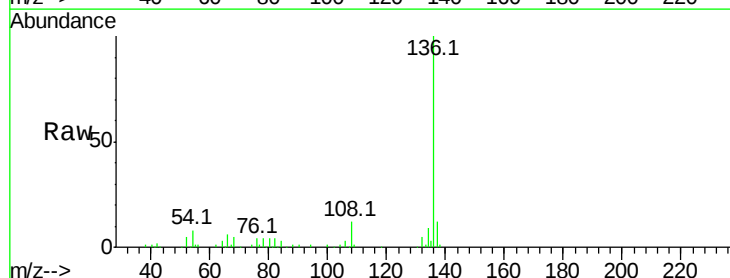
Ion Ratio Lower Upper

136 100

137 11.7 8.7 13.1

54 7.7 5.8 8.8

68 5.3 4.2 6.2

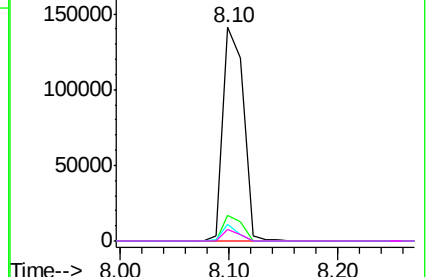
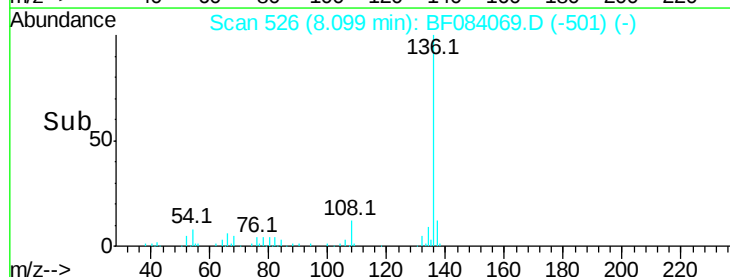


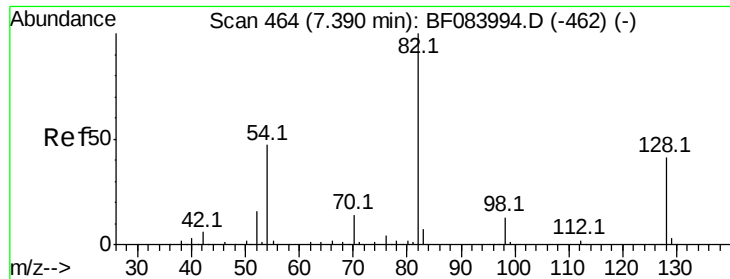
Abundance Ion 136.00 (135.70 to 136.70): E

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

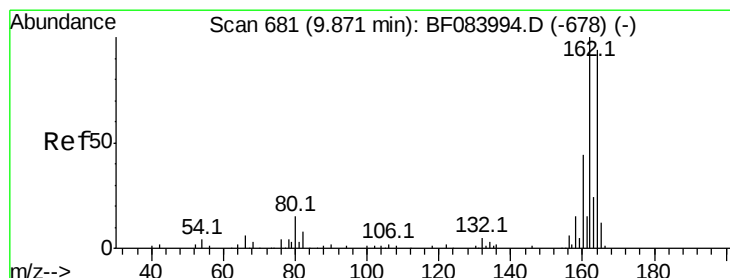
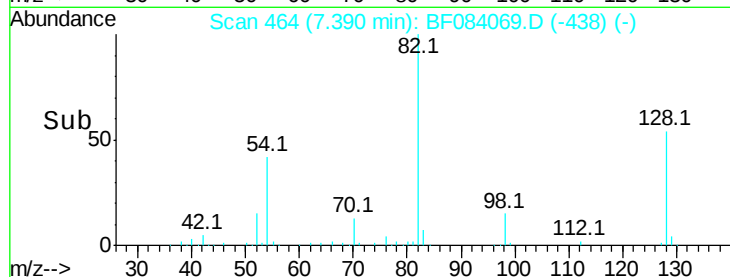
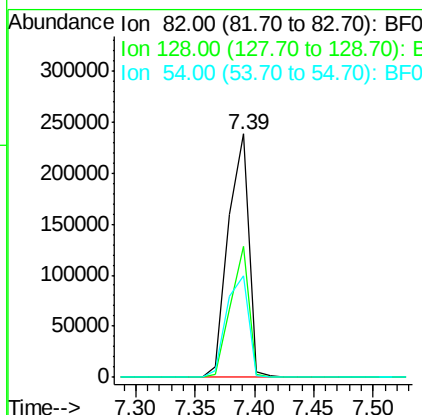
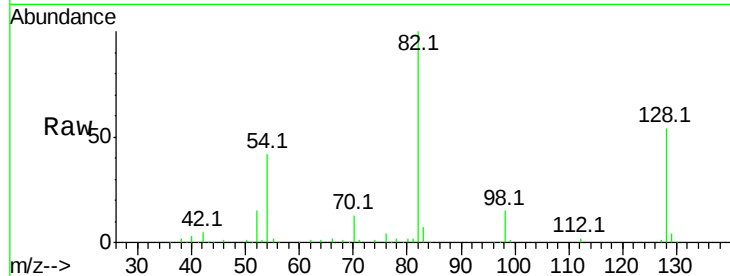




#23
 Nitrobenzene-d5
 Concen: 93.94 ng
 RT: 7.39 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF084069.D
 Acq: 24 Dec 2015 8:03

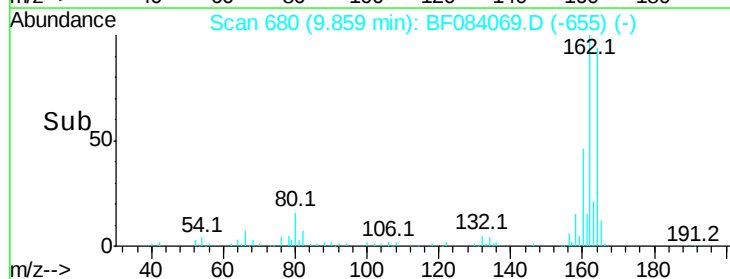
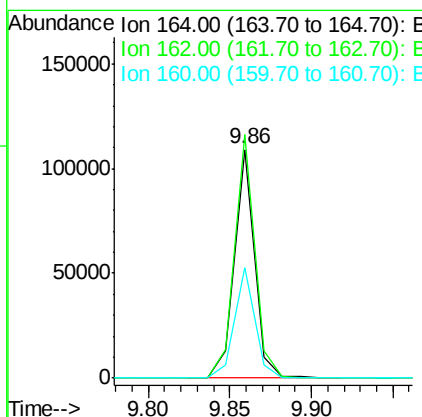
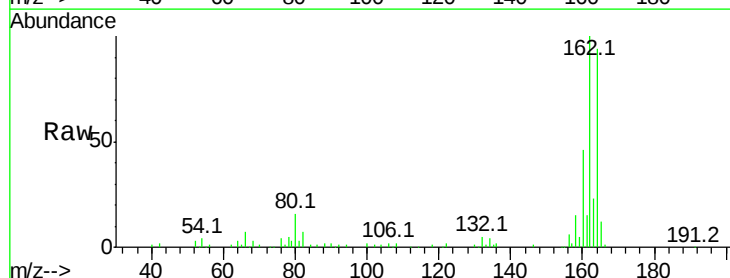
Instrument :
 BNA_F
 ClientSampleID :

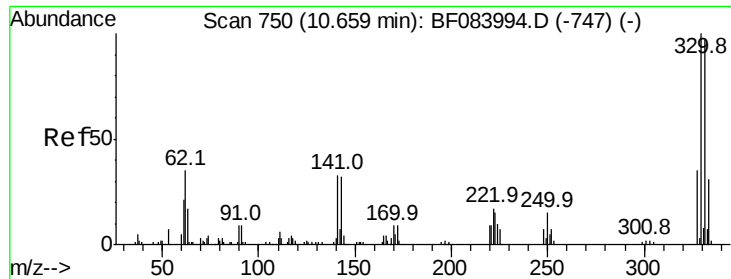
Tot Ion: 82 Resp: 285269
 Ion Ratio Lower Upper
 82 100
 128 53.9 34.6 51.8#
 54 41.5 38.4 57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.01 min
 Lab File: BF084069.D
 Acq: 24 Dec 2015 8:03

Tgt Ion:164 Resp: 91787
 Ion Ratio Lower Upper
 164 100
 162 106.4 85.1 127.7
 160 48.4 37.5 56.3

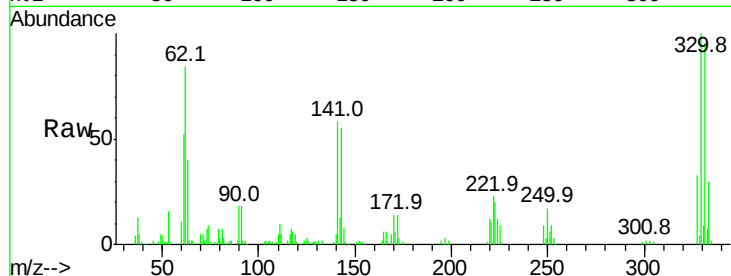




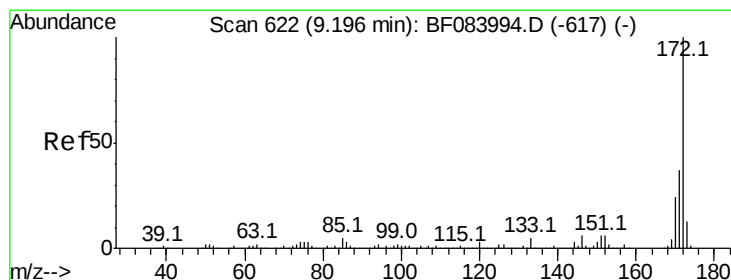
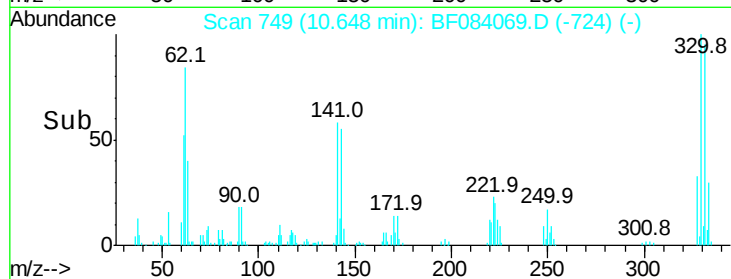
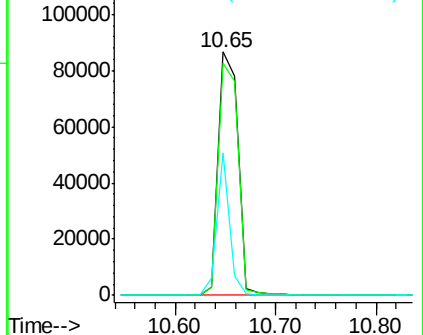
#41
 2,4,6-Tribromophenol
 Concen: 134.45 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF084069.D
 Acq: 24 Dec 2015 8:03

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	114.8
141	37.4	27.8	41.6

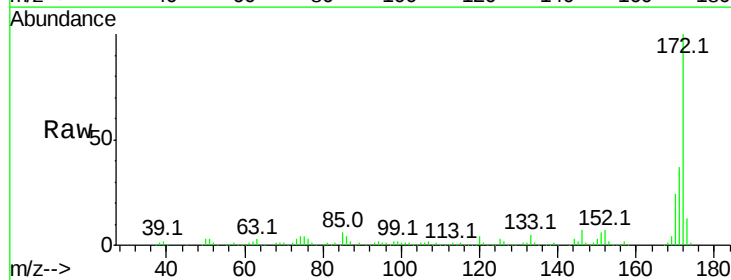


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

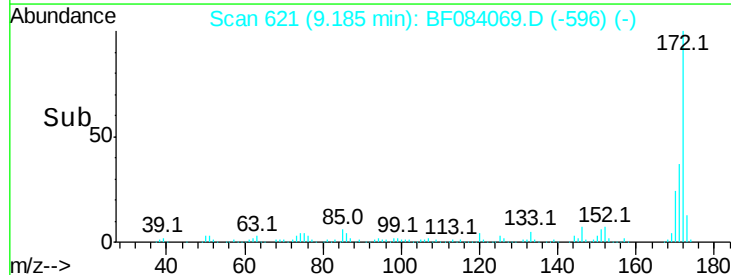
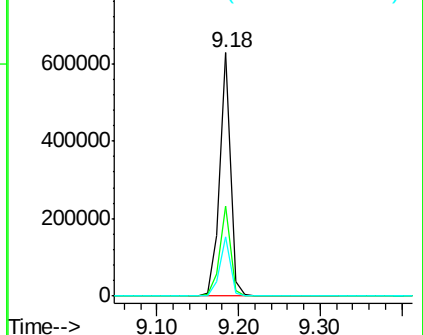


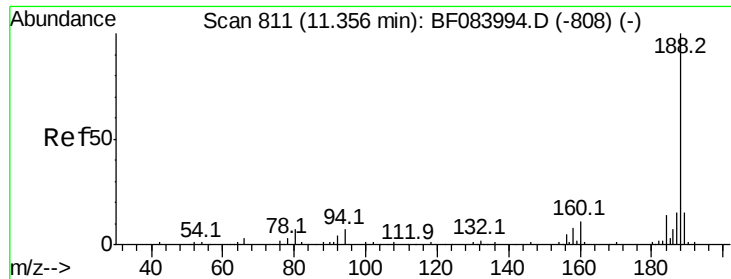
#44
 2-Fluorobiphenyl
 Concen: 85.02 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF084069.D
 Acq: 24 Dec 2015 8:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.9	43.3
170	24.2	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

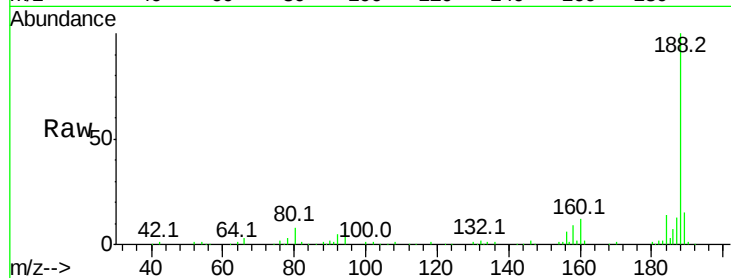




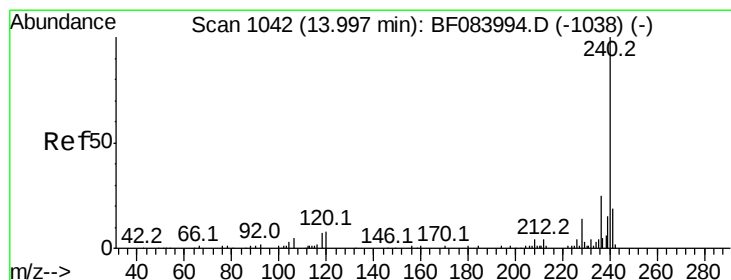
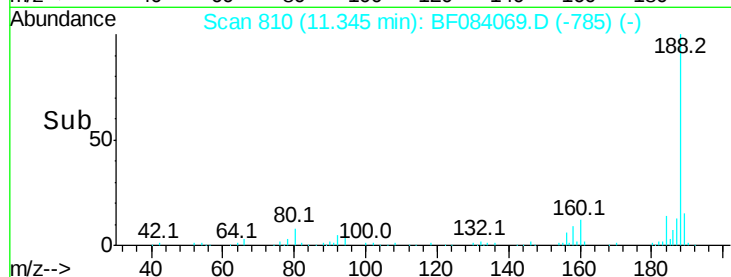
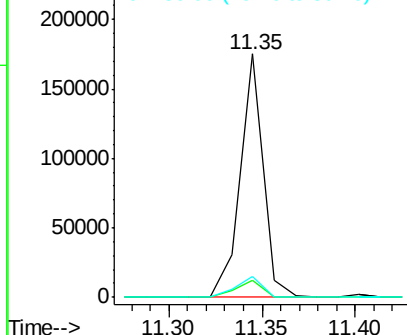
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF084069.D
Acq: 24 Dec 2015 8:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 150942
Ion Ratio Lower Upper
188 100
94 7.2 9.0 13.4#
80 8.3 9.6 14.4#

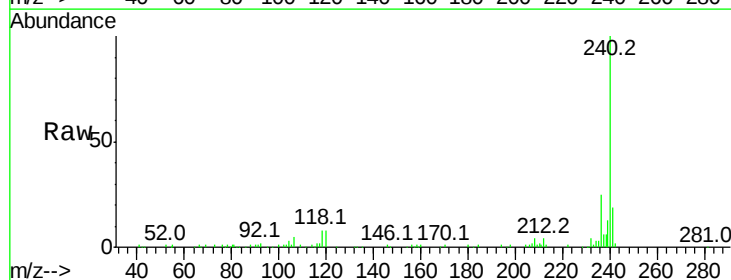


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

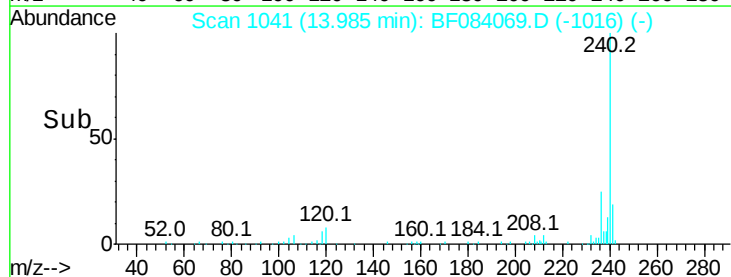
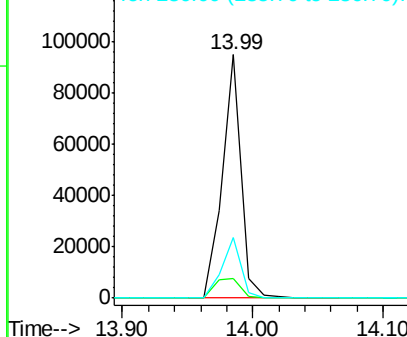


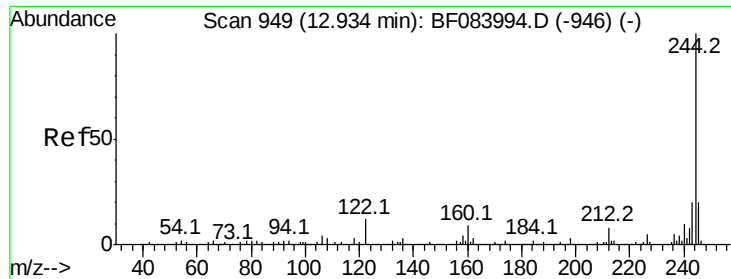
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF084069.D
Acq: 24 Dec 2015 8:03

Tgt Ion:240 Resp: 95571
Ion Ratio Lower Upper
240 100
120 8.1 9.5 14.3#
236 25.0 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

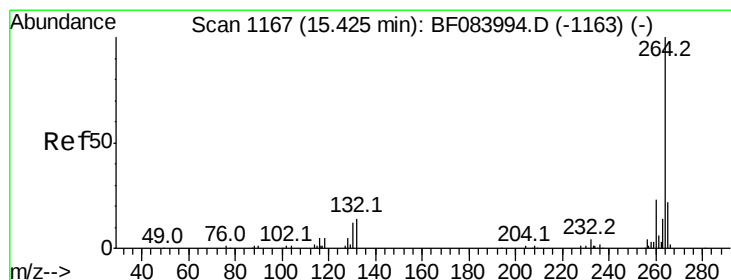
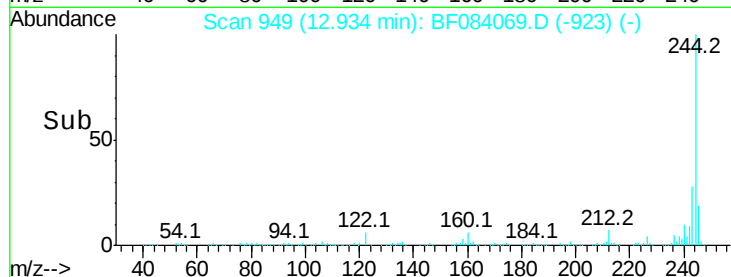
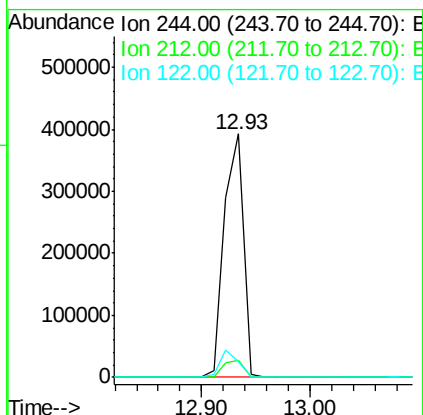
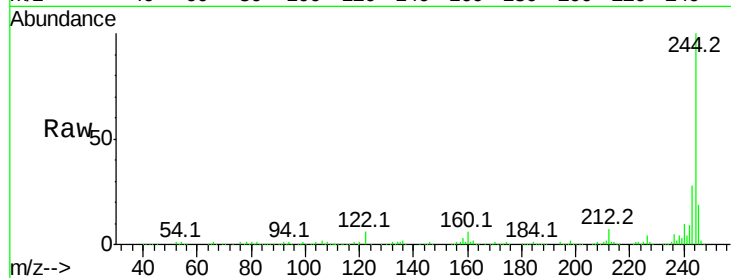




#78
 Terphenyl-d14
 Concen: 120.04 ng
 RT: 12.93 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF084069.D
 Acq: 24 Dec 2015 8:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 481050
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 6.3 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF084069.D
 Acq: 24 Dec 2015 8:03

Tgt Ion:264 Resp: 85075
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 21.0 17.8 26.6

