

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
 Data File : BF084048.D
 Acq On : 23 Dec 2015 22:07
 Operator : UM/SJ
 Sample : PB87486TB
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87486TB

Quant Time: Dec 24 02:26:37 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	47762	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	187287	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	90219	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	145514	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	91235	20.00	ng	-0.02
86) Perylene-d12	15.40	264	87135	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	316183	112.87	ng	0.00
7) Phenol-d6	6.46	99	389167	118.16	ng	-0.01
23) Nitrobenzene-d5	7.38	82	237806	78.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	84534	97.41	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	560559	83.62	ng	-0.01
78) Terphenyl-d14	12.92	244	382405	99.96	ng	-0.01

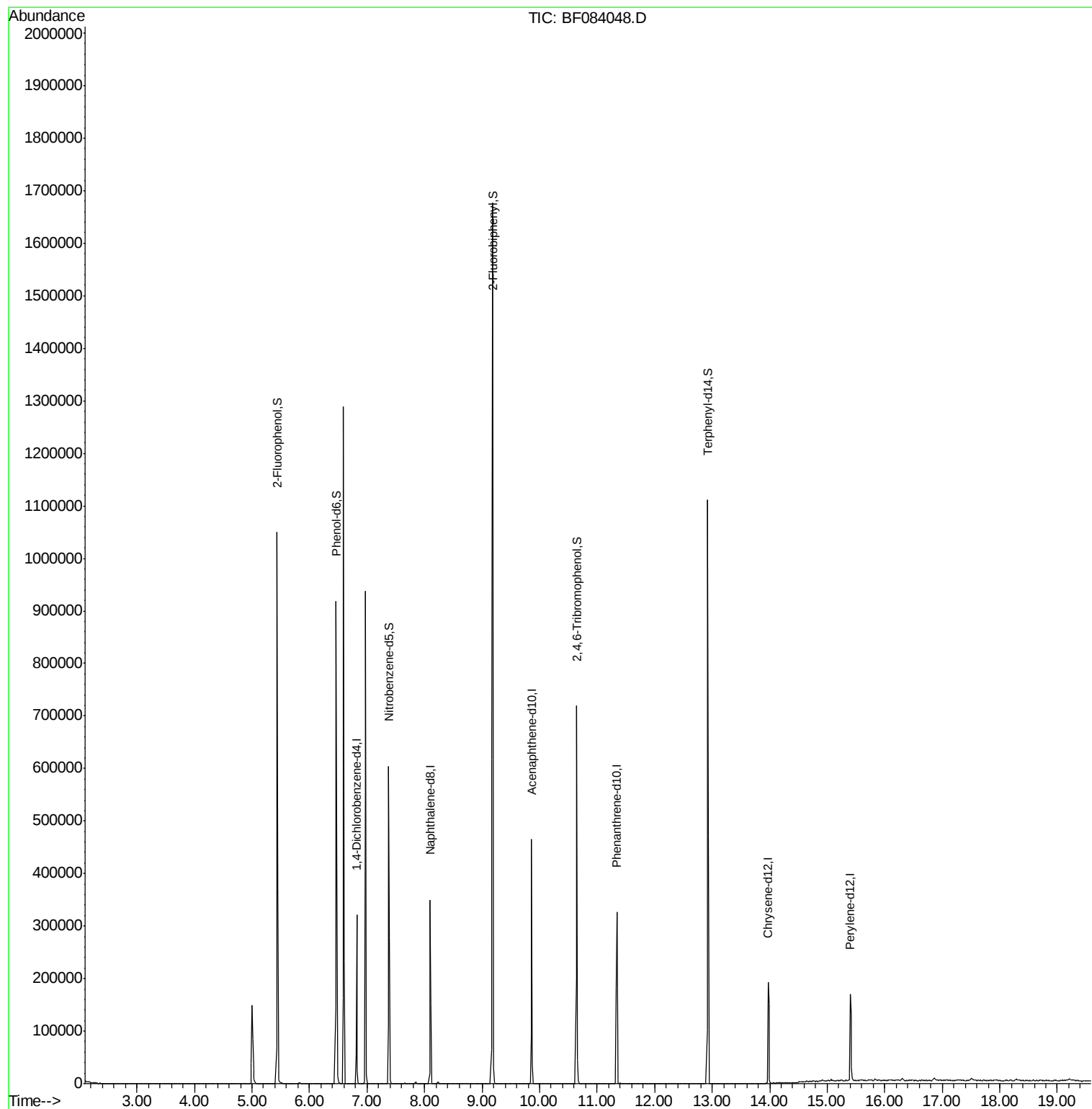
Target Compounds Qvalue

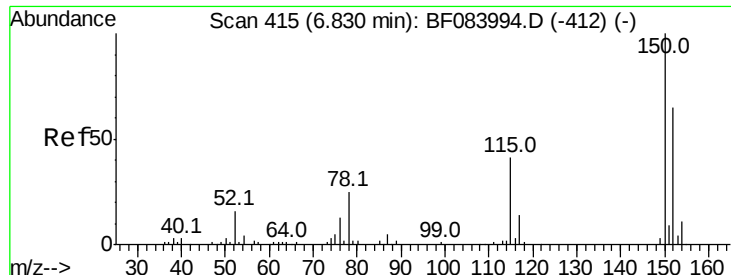
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF084048.D

Acq: 23 Dec 2015 22:07

Instrument :

BNA_F

ClientSampleId :

PB87486TB

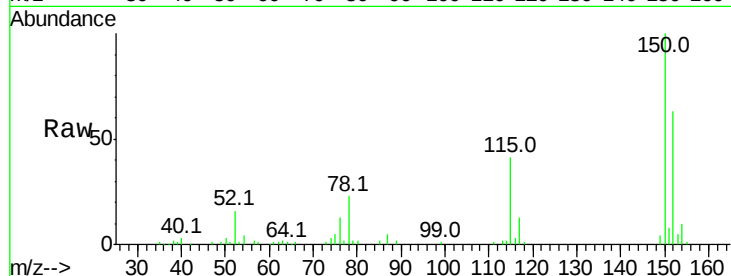
Tot Ion:152 Resp: 47762

Ion Ratio Lower Upper

152 100

150 159.5 123.0 184.4

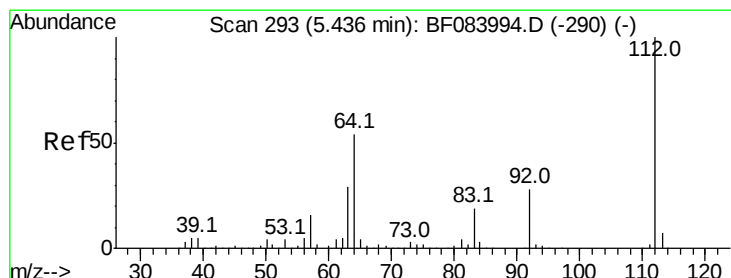
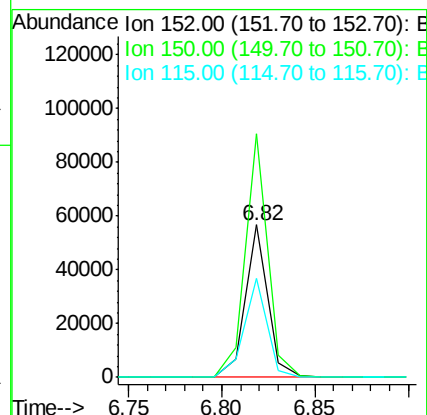
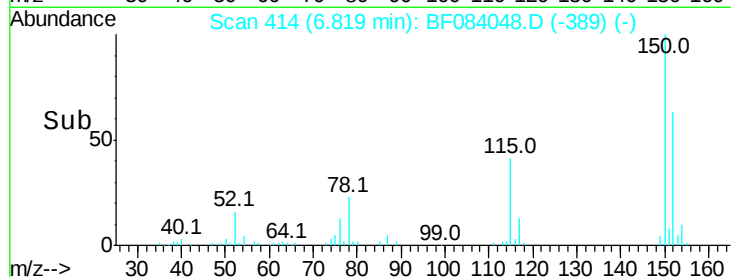
115 65.0 51.4 77.2



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: 112.87 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.00 min

Lab File: BF084048.D

Acq: 23 Dec 2015 22:07

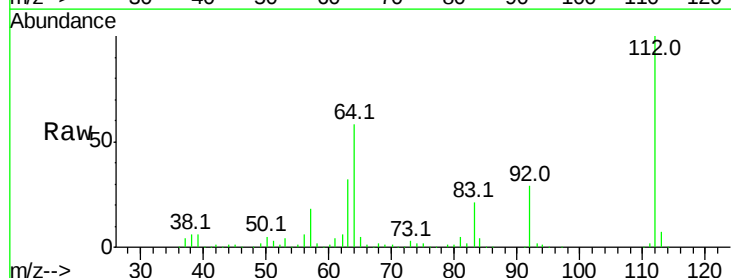
Tgt Ion:112 Resp: 316183

Ion Ratio Lower Upper

112 100

64 58.3 36.6 55.0#

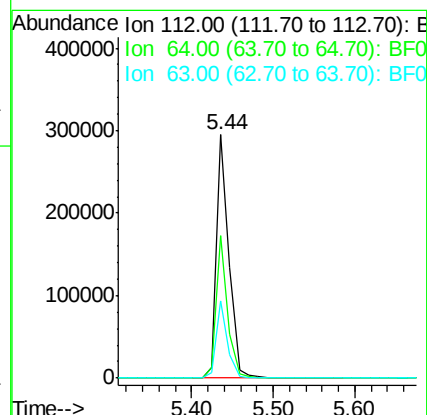
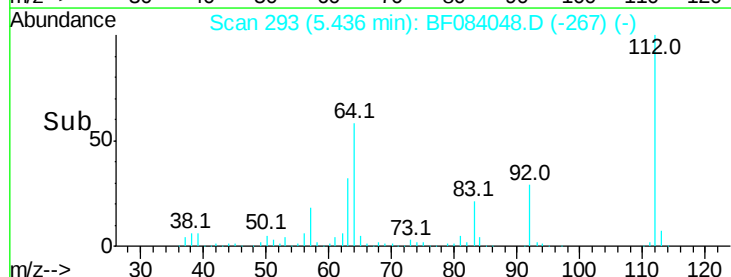
63 31.6 19.4 29.0#

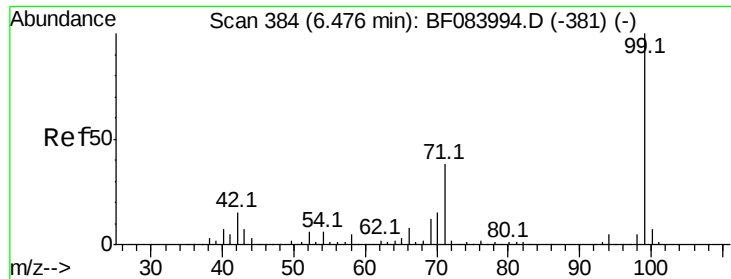


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 118.16 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF084048.D

Acq: 23 Dec 2015 22:07

Instrument :

BNA_F

ClientSampleId :

PB87486TB

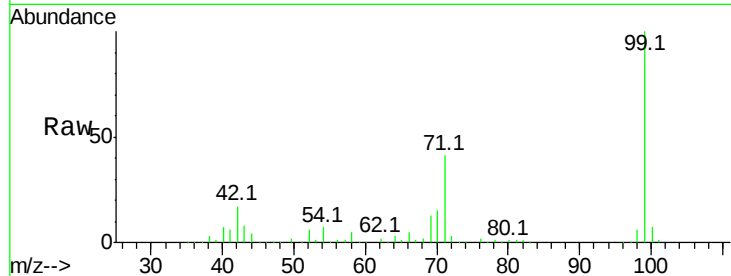
Tot Ion: 99 Resp: 389167

Ion Ratio Lower Upper

99 100

42 17.1 12.8 19.2

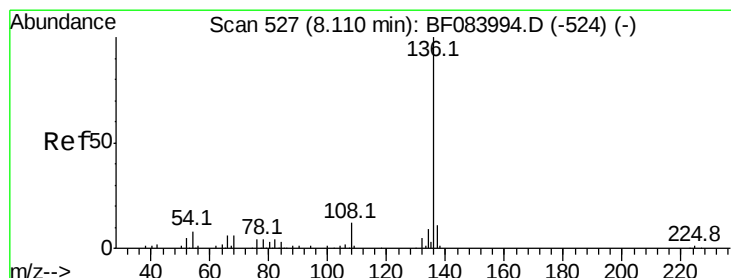
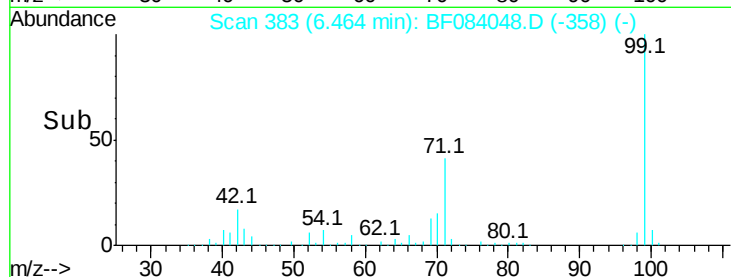
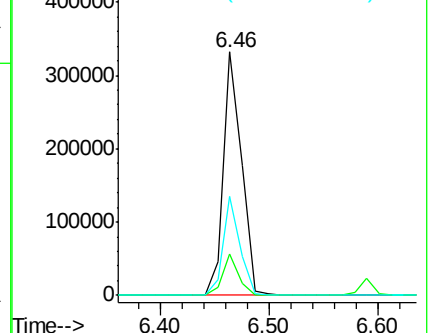
71 40.5 30.9 46.3



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: BF084048.D

Acq: 23 Dec 2015 22:07

Tgt Ion: 136 Resp: 187287

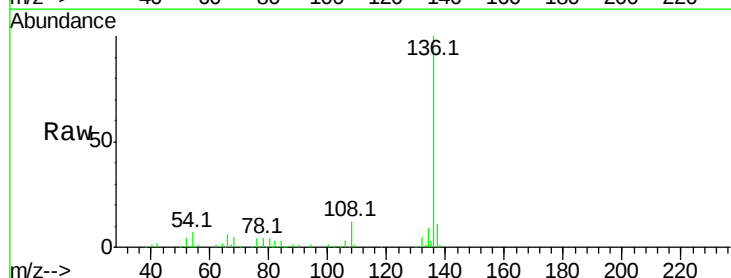
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 7.1 5.8 8.8

68 4.9 4.2 6.2

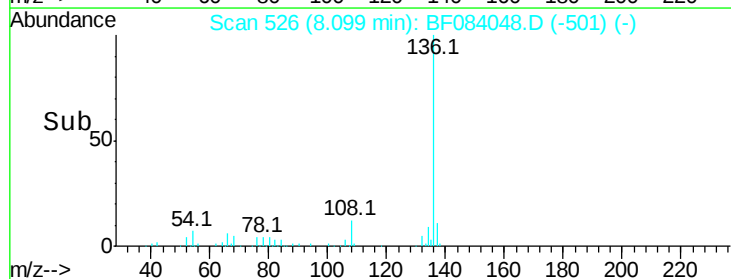
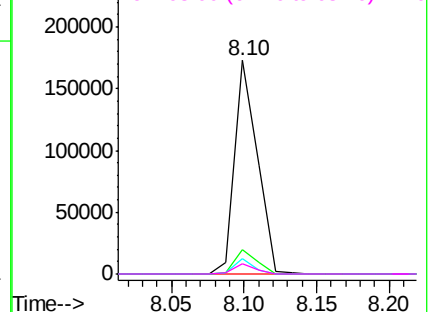


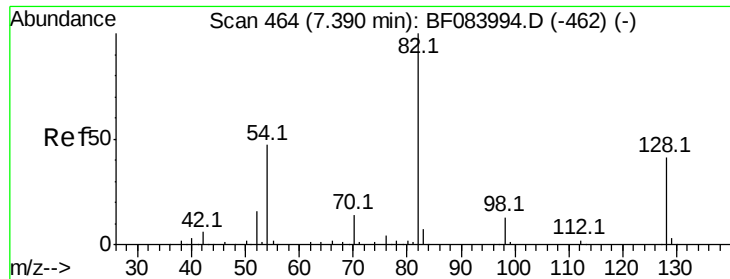
Abundance Ion 136.00 (135.70 to 136.70): E

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

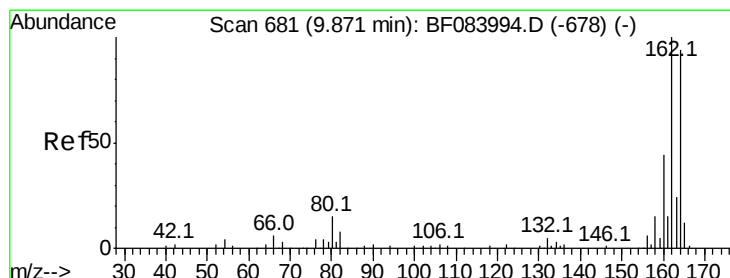
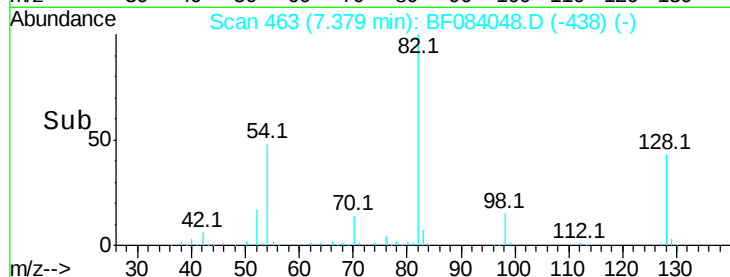
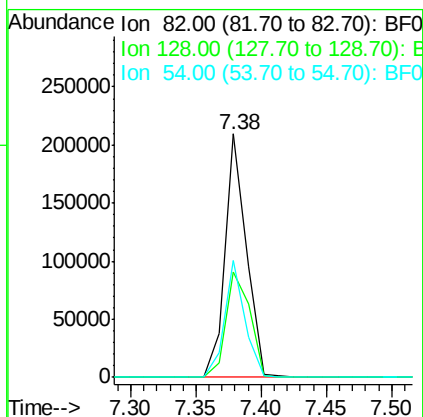
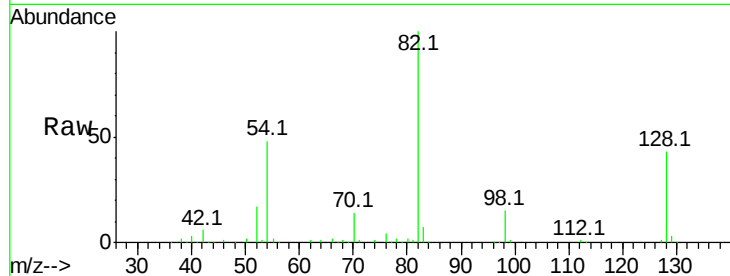




#23
 Nitrobenzene-d5
 Concen: 78.00 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.01 min
 Lab File: BF084048.D
 Acq: 23 Dec 2015 22:07

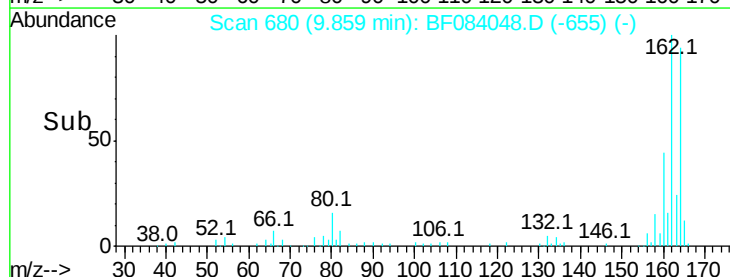
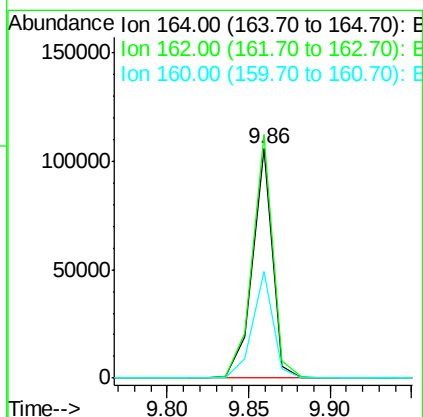
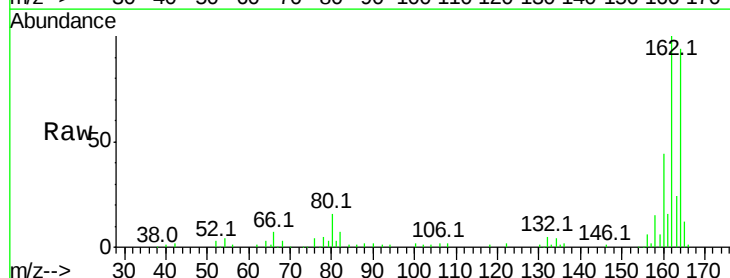
Instrument :
 BNA_F
 ClientSampled :
 PB87486TB

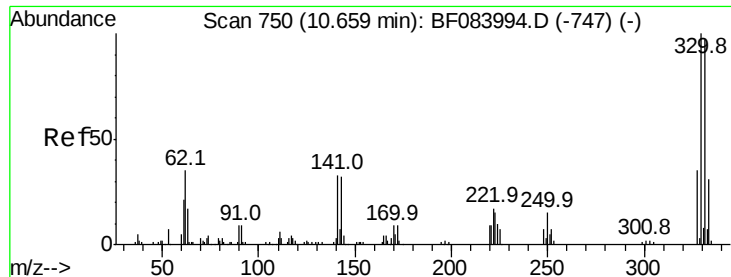
Tot Ion	82	Resp	237806
Ion Ratio	Lower	Upper	
82	100		
128	43.1	34.6	51.8
54	48.0	38.4	57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.01 min
 Lab File: BF084048.D
 Acq: 23 Dec 2015 22:07

Tgt Ion	164	Resp	90219
Ion Ratio	Lower	Upper	
164	100		
162	106.2	85.1	127.7
160	46.6	37.5	56.3

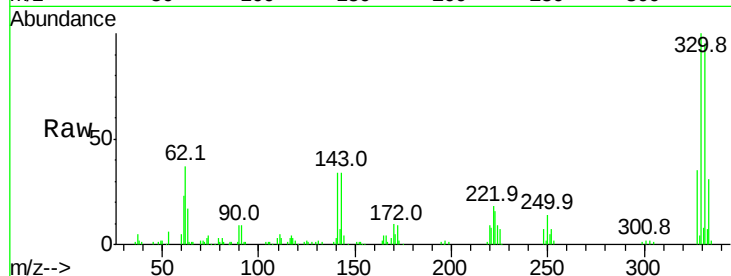




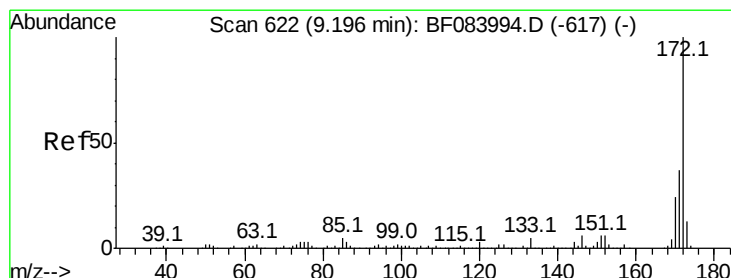
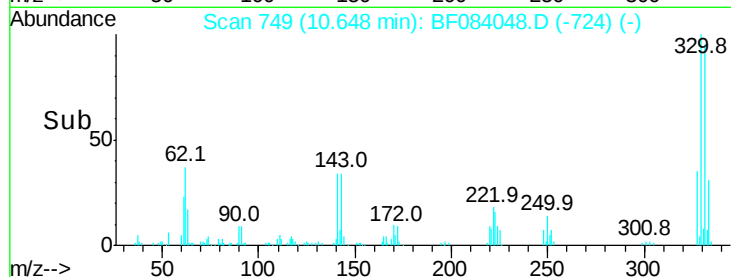
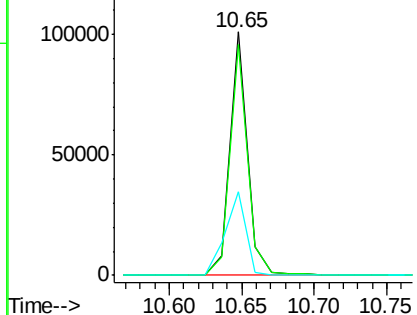
#41
 2,4,6-Tribromophenol
 Concen: 97.41 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF084048.D
 Acq: 23 Dec 2015 22:07

Instrument :
 BNA_F
 ClientSampleId :
 PB87486TB

Tot Ion:330 Resp: 84534
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 114.8
 141 40.3 27.8 41.6

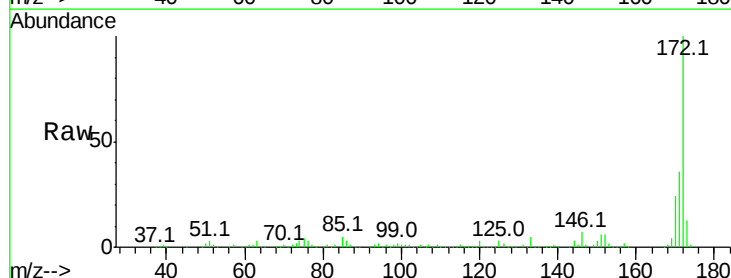


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

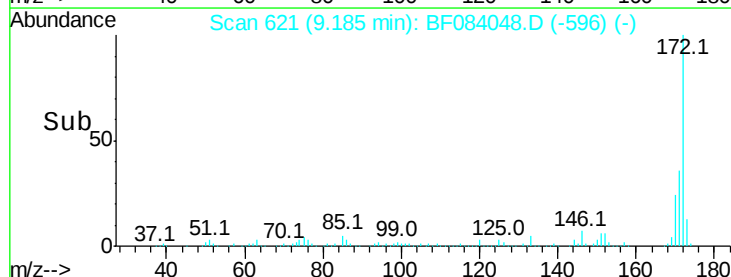
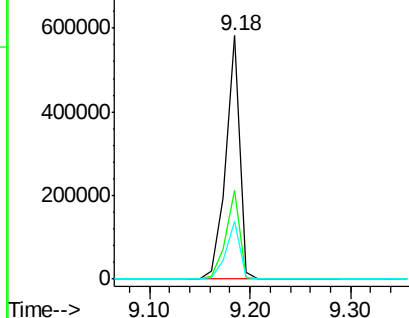


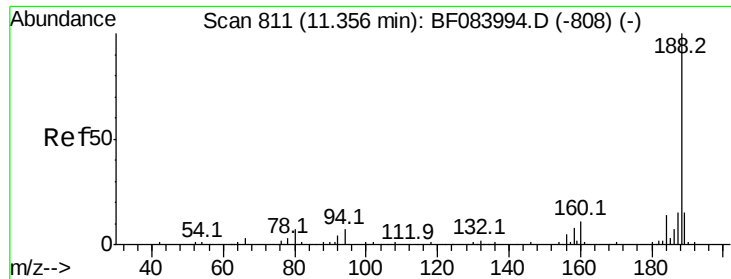
#44
 2-Fluorobiphenyl
 Concen: 83.62 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF084048.D
 Acq: 23 Dec 2015 22:07

Tgt Ion:172 Resp: 560559
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.9 43.3
 170 24.0 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

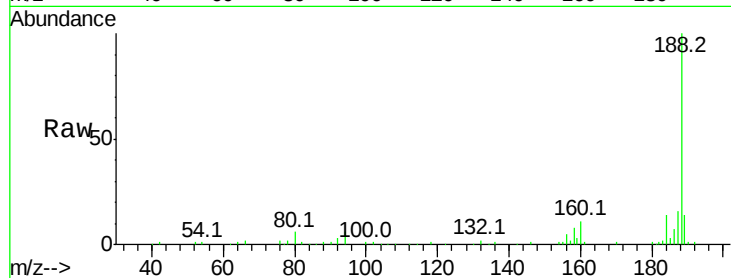




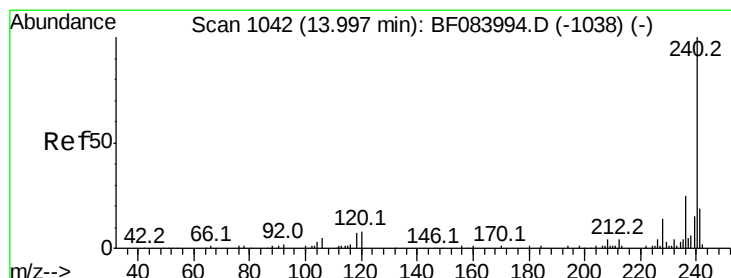
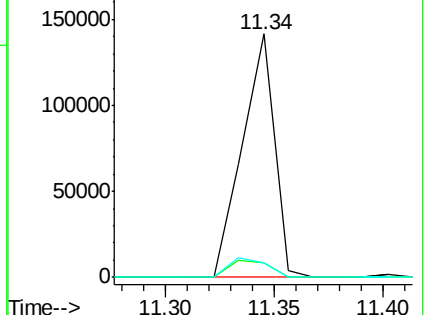
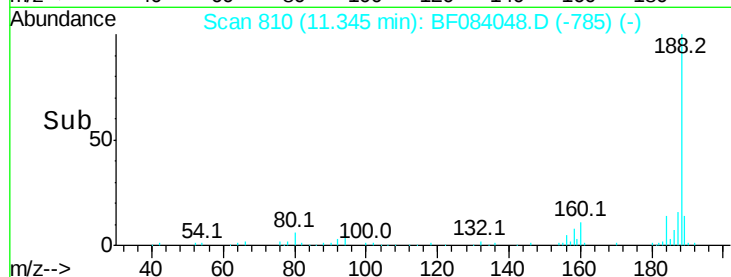
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF084048.D
Acq: 23 Dec 2015 22:07

Instrument :
BNA_F
ClientSampleId :
PB87486TB

Tot Ion:188 Resp: 145514
Ion Ratio Lower Upper
188 100
94 6.2 9.0 13.4#
80 6.0 9.6 14.4#

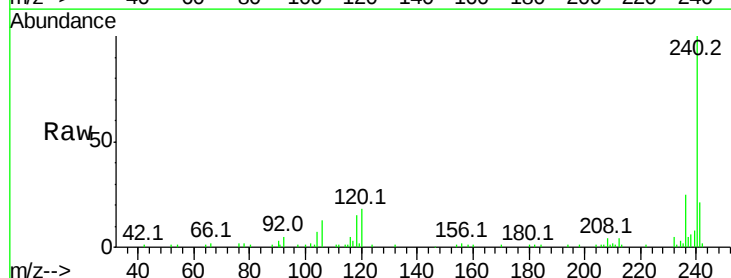


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

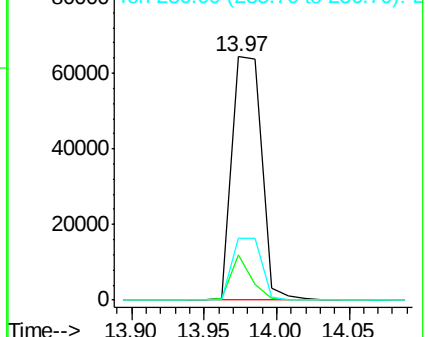
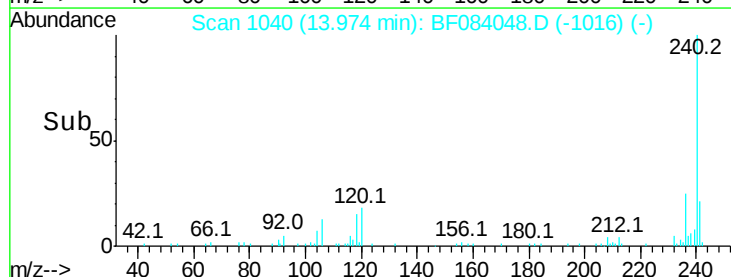


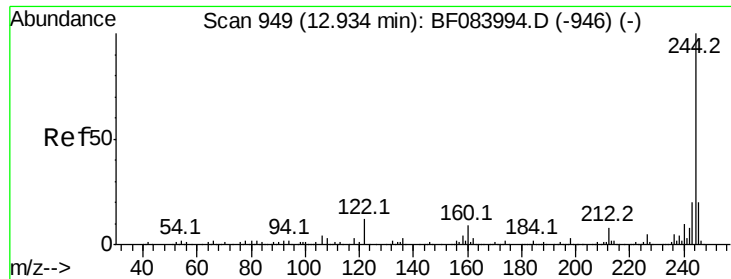
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BF084048.D
Acq: 23 Dec 2015 22:07

Tgt Ion:240 Resp: 91235
Ion Ratio Lower Upper
240 100
120 18.5 9.5 14.3#
236 25.4 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

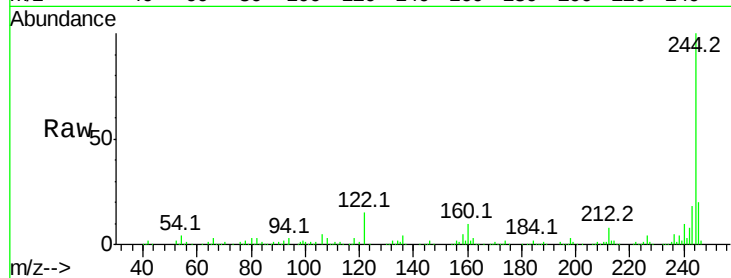




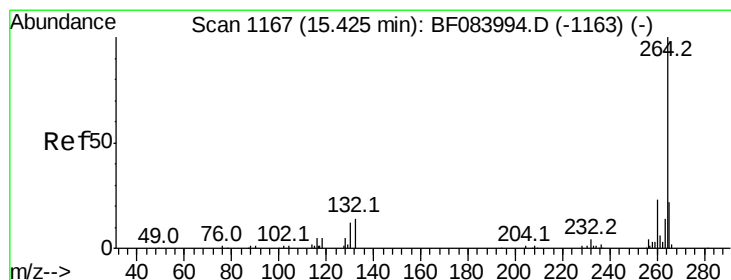
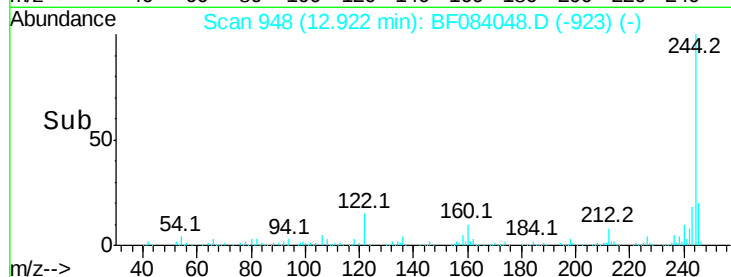
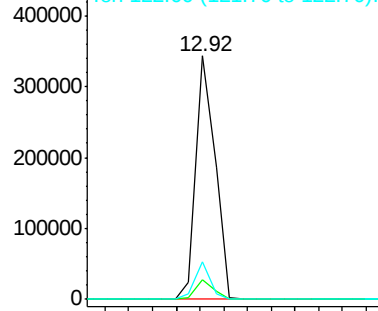
#78
 Terphenyl-d14
 Concen: 99.96 ng
 RT: 12.92 min Scan# 948
 Delta R.T. -0.01 min
 Lab File: BF084048.D
 Acq: 23 Dec 2015 22:07

Instrument :
 BNA_F
 ClientSampleId :
 PB87486TB

Tot Ion:244 Resp: 382405
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.7 8.5
 122 15.3 7.4 11.0#

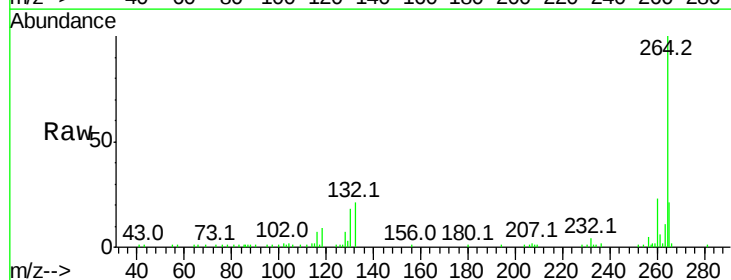


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.02 min
 Lab File: BF084048.D
 Acq: 23 Dec 2015 22:07

Tgt Ion:264 Resp: 87135
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.2
 265 21.4 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

