

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
 Data File : BF082834.D
 Acq On : 9 Nov 2015 17:28
 Operator : UM/IZ
 Sample : PB86498BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86498BL

Quant Time: Nov 10 03:18:11 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	253678	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	902733	20.00	ng	-0.03
38) Acenaphthene-d10	9.87	164	493751	20.00	ng	-0.02
63) Phenanthrene-d10	11.34	188	874028	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	800873	20.00	ng	-0.03
86) Perylene-d12	15.43	264	750966	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1626834	99.78	ng	0.00
7) Phenol-d6	6.46	99	2428797	112.06	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1441582	69.49	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	595475	105.18	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	2492869	72.36	ng	-0.02
78) Terphenyl-d14	12.94	244	2622639	77.67	ng	-0.02

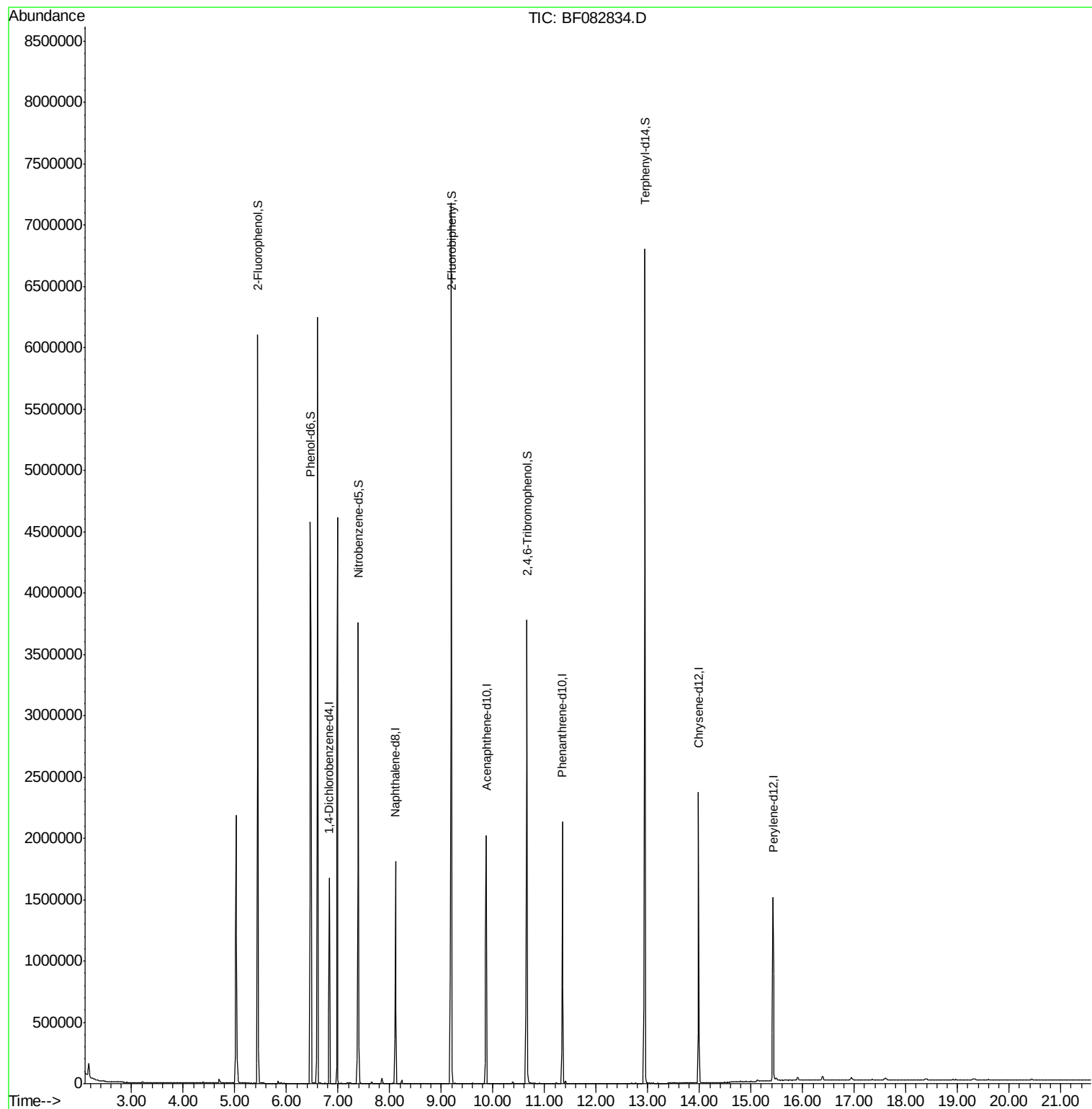
Target Compounds Qvalue

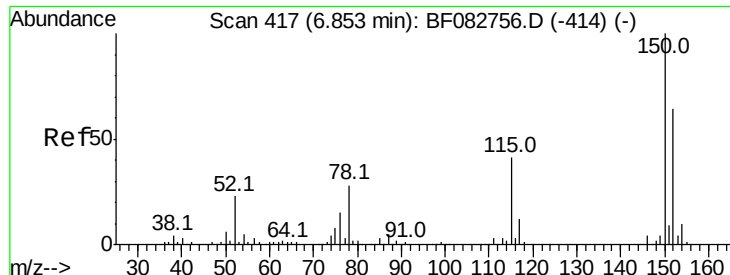
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 07 02:32:49 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF082834.D

Acq: 9 Nov 2015 17:28

Instrument :

BNA_F

ClientSampleId :

PB86498BL

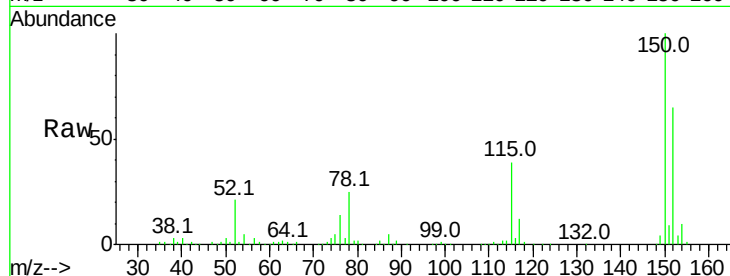
Tot Ion:152 Resp: 253678

Ion Ratio Lower Upper

152 100

150 154.4 127.0 190.4

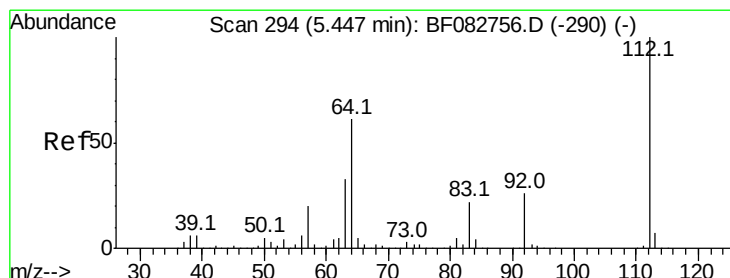
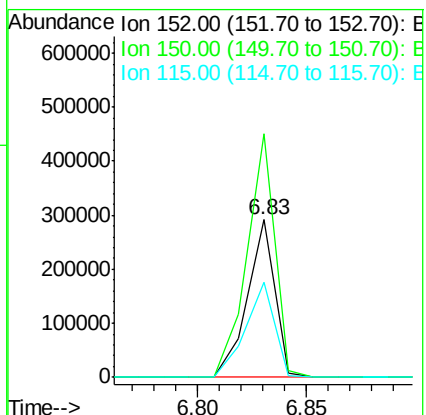
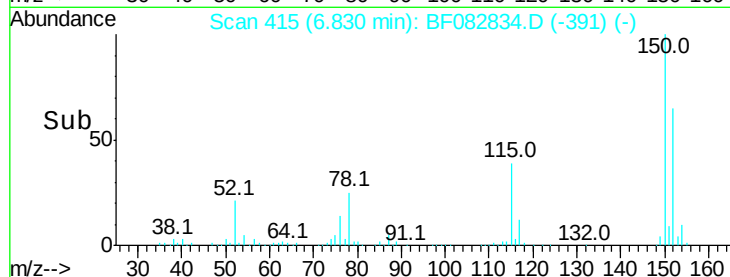
115 60.5 47.0 70.6



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: 99.78 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF082834.D

Acq: 9 Nov 2015 17:28

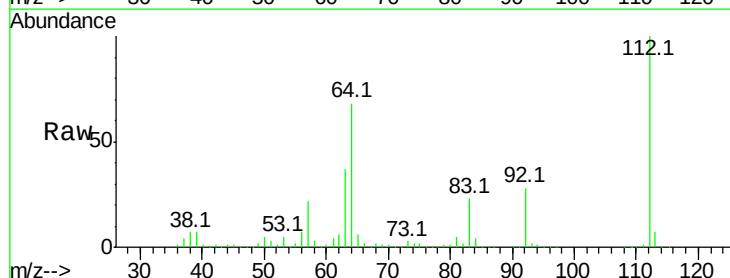
Tgt Ion:112 Resp: 1626834

Ion Ratio Lower Upper

112 100

64 68.5 48.9 73.3

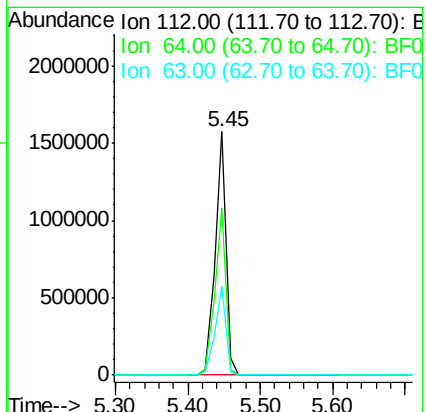
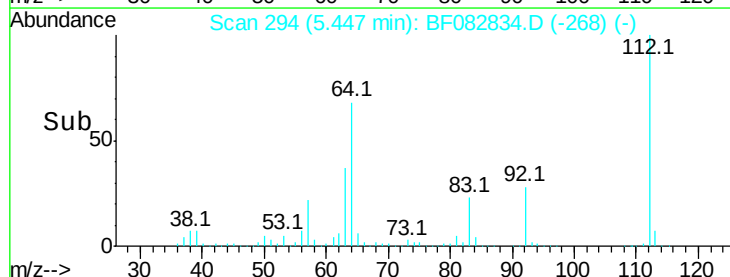
63 36.6 28.1 42.1

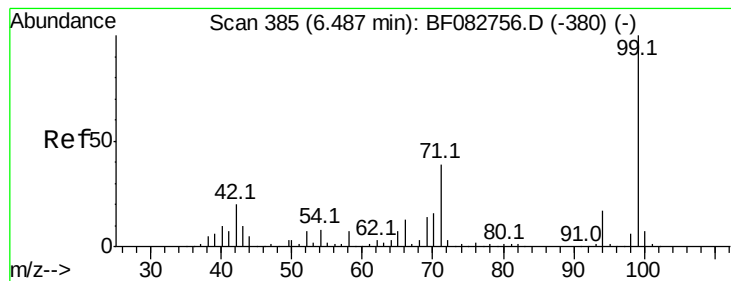


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.06 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF082834.D

Acq: 9 Nov 2015 17:28

Instrument :

BNA_F

ClientSampleId :

PB86498BL

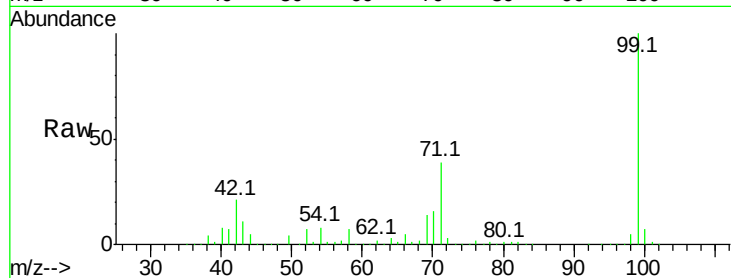
Tot Ion: 99 Resp: 2428797

Ion	Ratio	Lower	Upper
99	100		
42	20.9	19.2	28.8
71	39.0	35.0	52.4

99 100

42 20.9 19.2 28.8

71 39.0 35.0 52.4

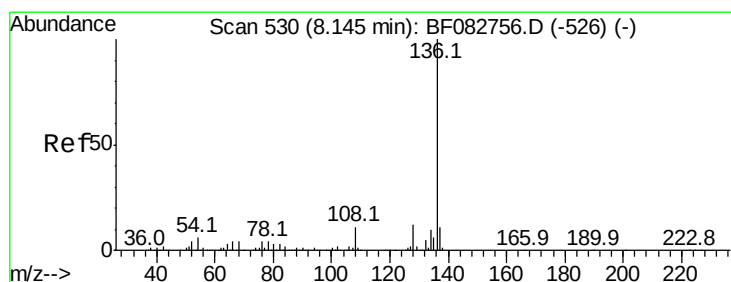
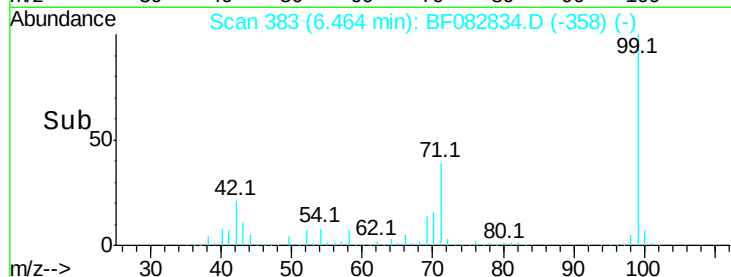
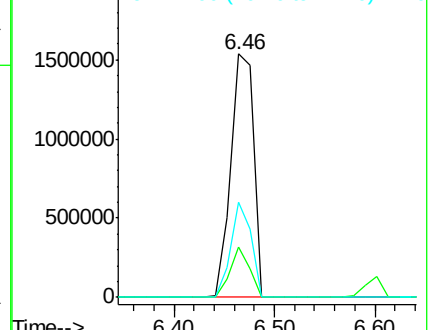


Abundance

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: 8.11 min Scan# 527

Delta R.T. -0.03 min

Lab File: BF082834.D

Acq: 9 Nov 2015 17:28

Tgt Ion: 136 Resp: 902733

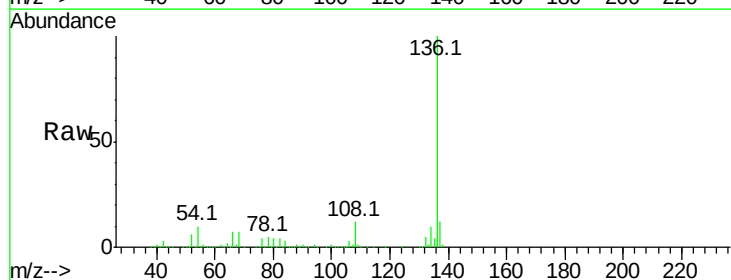
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	10.3	9.1	13.7
68	7.2	4.8	7.2#

136 100

137 11.5 9.1 13.7

54 10.3 9.1 13.7

68 7.2 4.8 7.2#



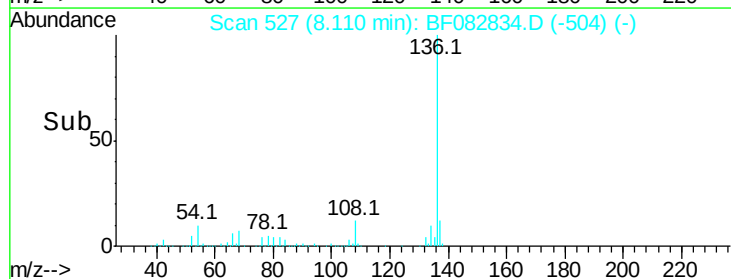
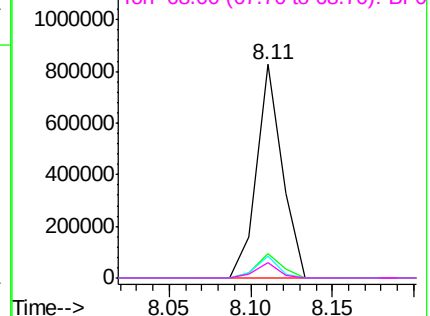
Abundance

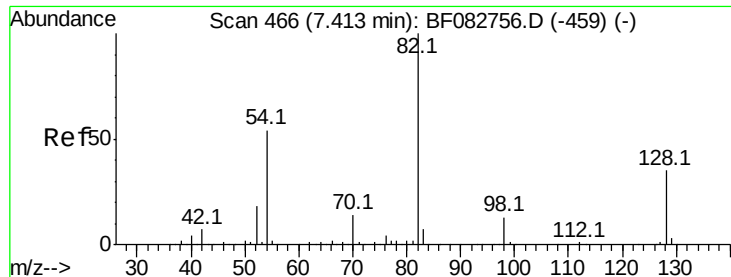
Ion 136.00 (135.70 to 136.70): E

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



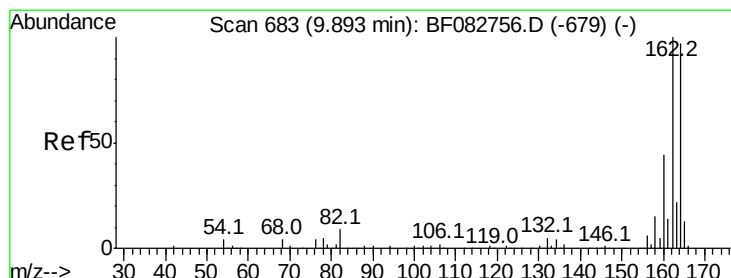
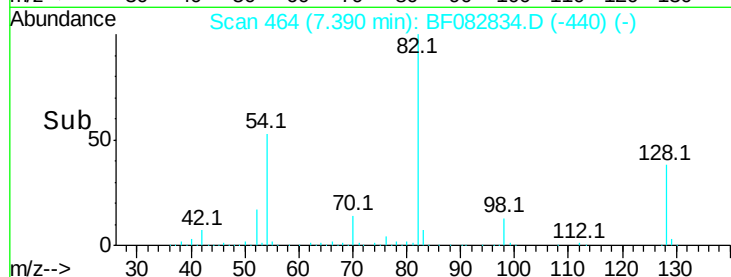
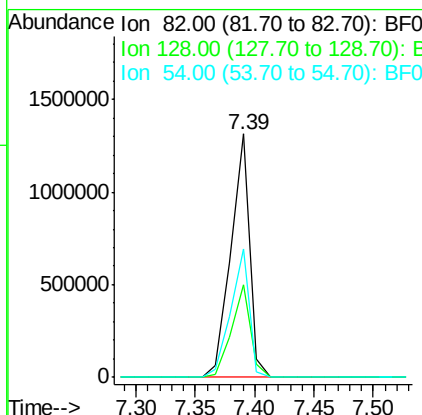
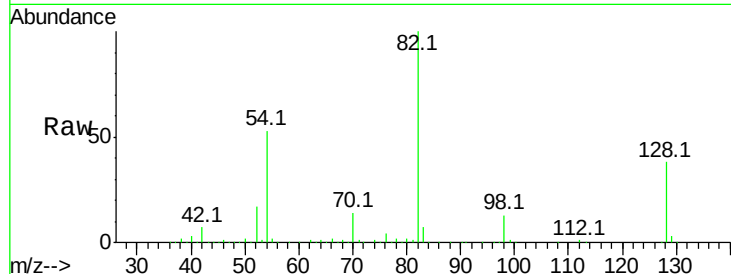


#23
 Nitrobenzene-d5
 Concen: 69.49 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.02 min
 Lab File: BF082834.D
 Acq: 9 Nov 2015 17:28

Instrument :
 BNA_F
 ClientSampleId :
 PB86498BL

Tot Ion: 82 Resp: 1441582

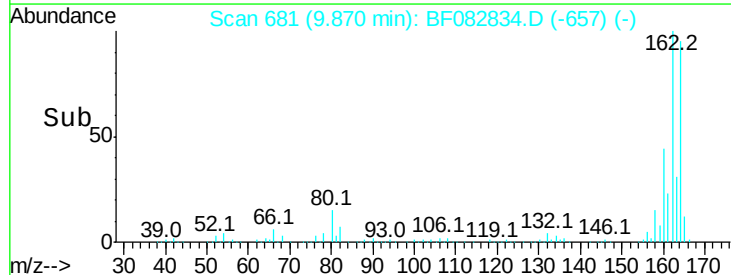
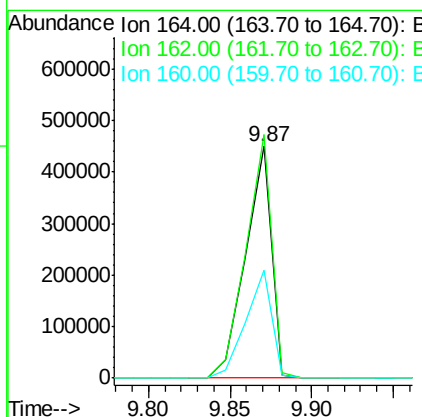
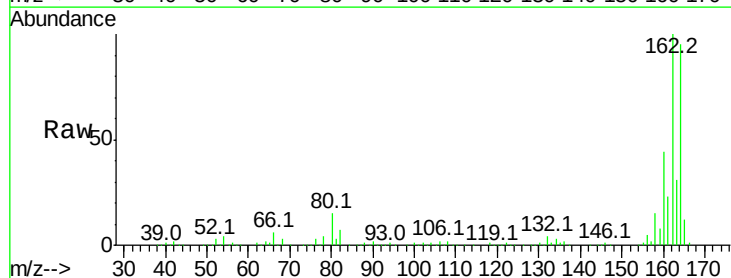
Ion	Ratio	Lower	Upper
82	100		
128	37.8	26.8	40.2
54	52.8	45.7	68.5

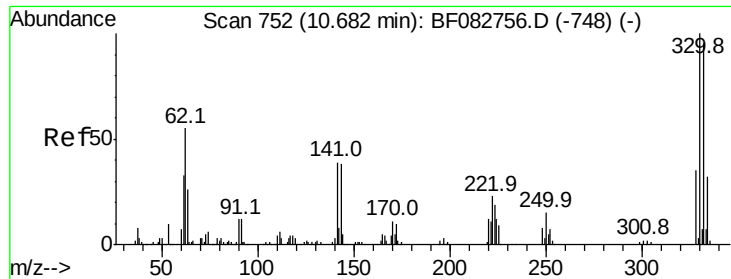


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.02 min
 Lab File: BF082834.D
 Acq: 9 Nov 2015 17:28

Tgt Ion: 164 Resp: 493751

Ion	Ratio	Lower	Upper
164	100		
162	105.2	84.9	127.3
160	46.5	37.5	56.3

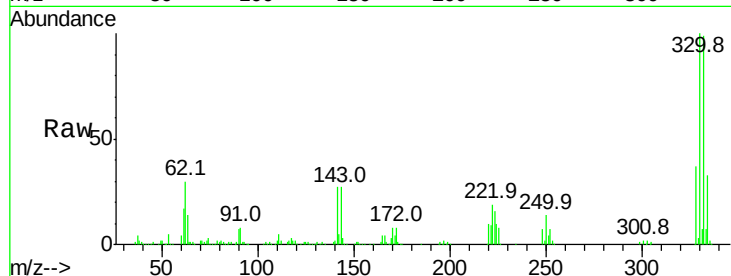




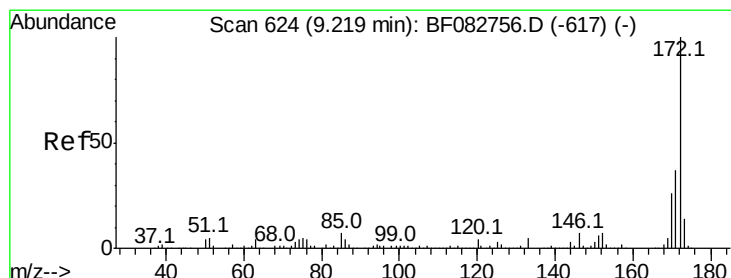
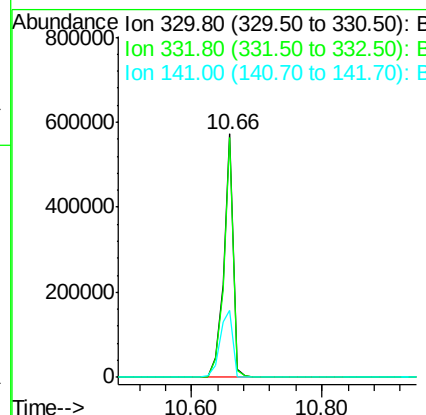
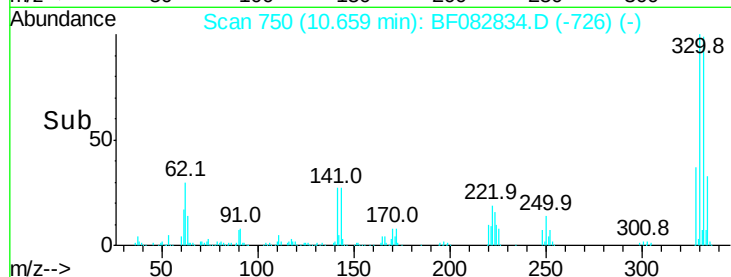
#41
 2,4,6-Tribromophenol
 Concen: 105.18 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF082834.D
 Acq: 9 Nov 2015 17:28

Instrument :
 BNA_F
 ClientSampleId :
 PB86498BL

Tot Ion:330 Resp: 595475
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 114.8
 141 37.4 41.2 61.8#

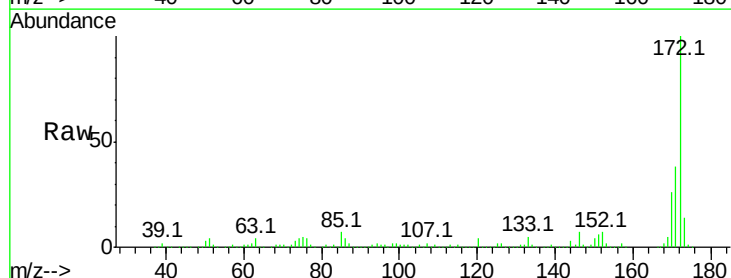


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

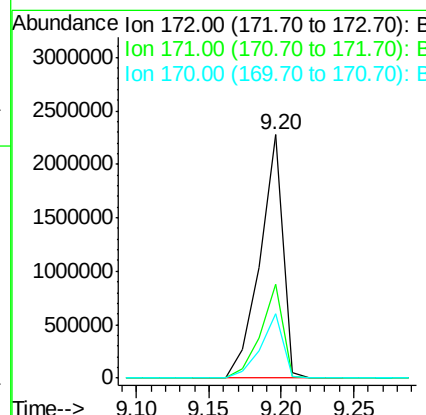
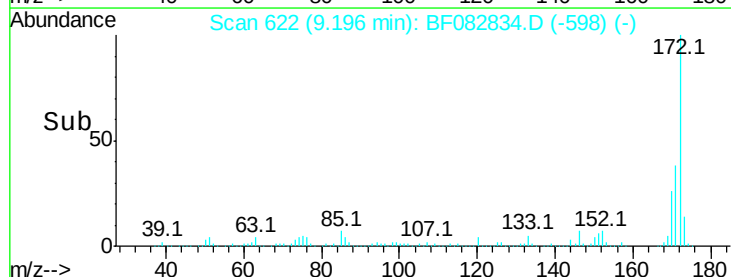


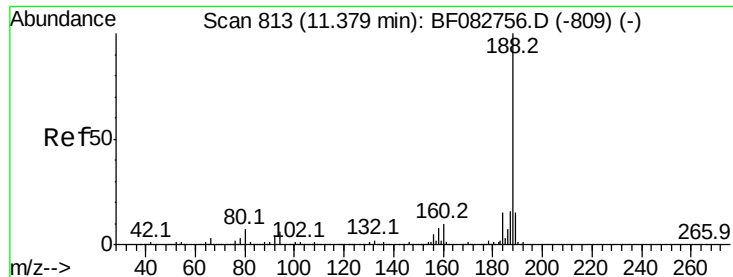
#44
 2-Fluorobiphenyl
 Concen: 72.36 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF082834.D
 Acq: 9 Nov 2015 17:28

Tgt Ion:172 Resp: 2492869
 Ion Ratio Lower Upper
 172 100
 171 38.4 30.8 46.2
 170 26.4 21.2 31.8



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. -0.03 min

Lab File: BF082834.D

Acq: 9 Nov 2015 17:28

Instrument :

BNA_F

ClientSampled :

PB86498BL

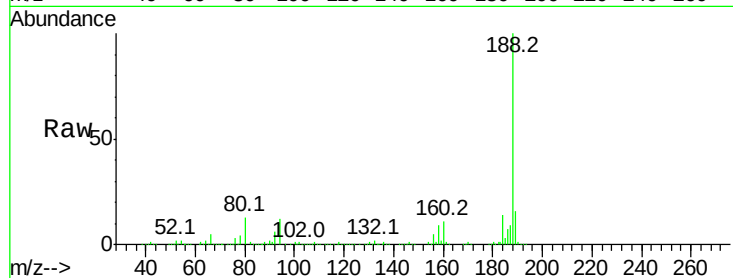
Tot Ion:188 Resp: 874028

Ion Ratio Lower Upper

188 100

94 11.6 6.1 9.1#

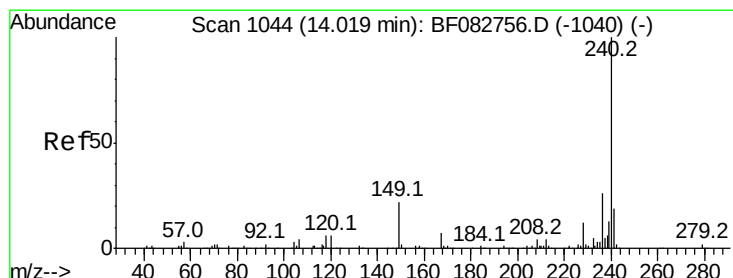
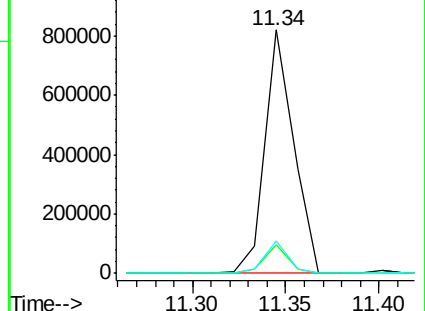
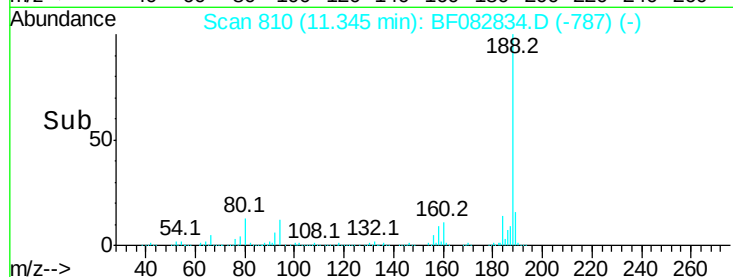
80 13.1 7.0 10.6#



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. -0.03 min

Lab File: BF082834.D

Acq: 9 Nov 2015 17:28

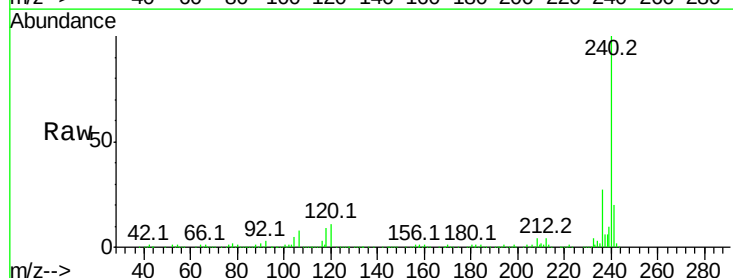
Tgt Ion:240 Resp: 800873

Ion Ratio Lower Upper

240 100

120 10.9 10.9 16.3

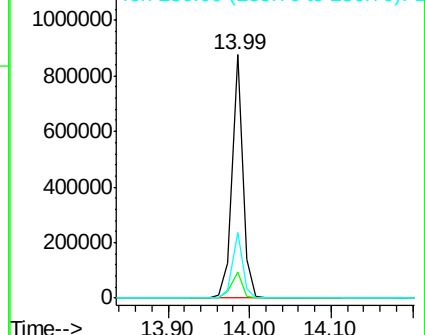
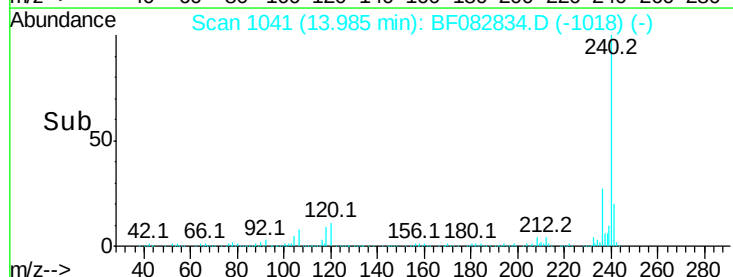
236 26.8 21.6 32.4

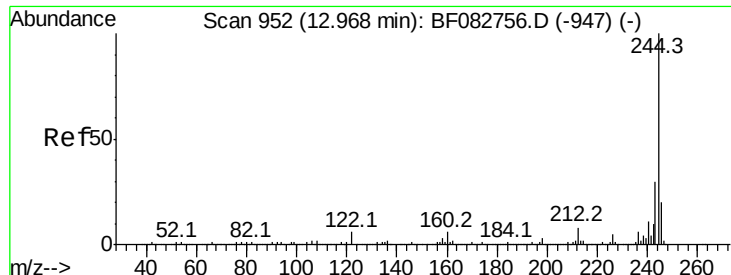


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 77.67 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF082834.D

Acq: 9 Nov 2015 17:28

Instrument :

BNA_F

ClientSampleId :

PB86498BL

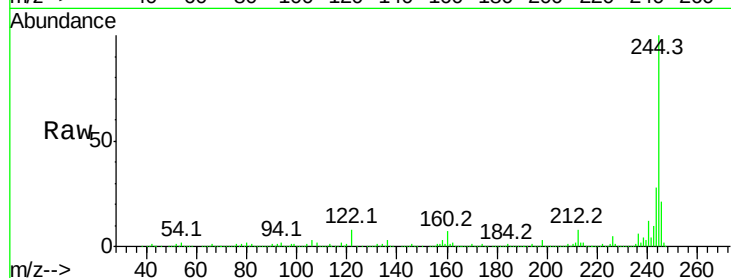
Tot Ion:244 Resp: 2622639

Ion Ratio Lower Upper

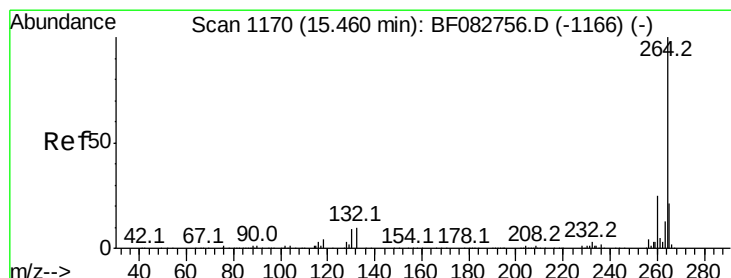
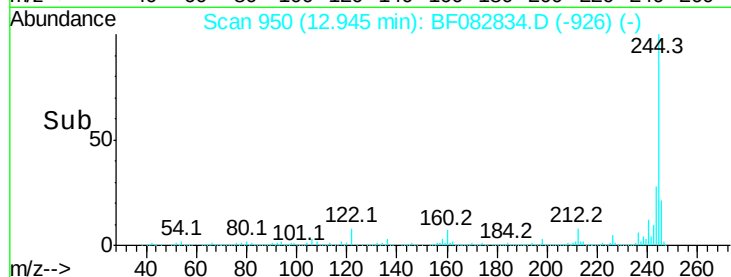
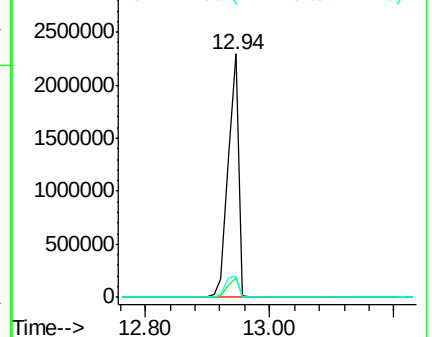
244 100

212 7.9 7.6 11.4

122 8.4 11.3 16.9#



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: 15.43 min Scan# 1167

Delta R.T. -0.03 min

Lab File: BF082834.D

Acq: 9 Nov 2015 17:28

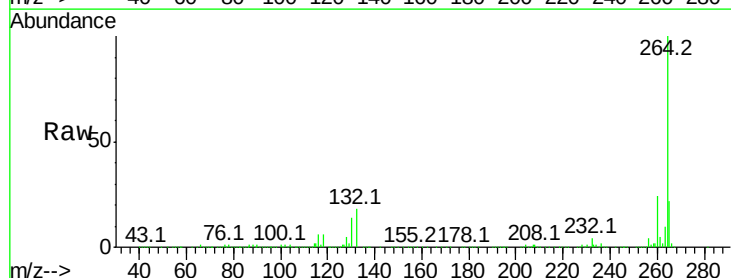
Tgt Ion:264 Resp: 750966

Ion Ratio Lower Upper

264 100

260 24.4 19.8 29.6

265 21.5 17.4 26.0



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

