

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
 Data File : BF084060.D
 Acq On : 24 Dec 2015 3:48
 Operator : UM/SJ
 Sample : G4936-02
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Quant Time: Dec 24 04:46:48 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

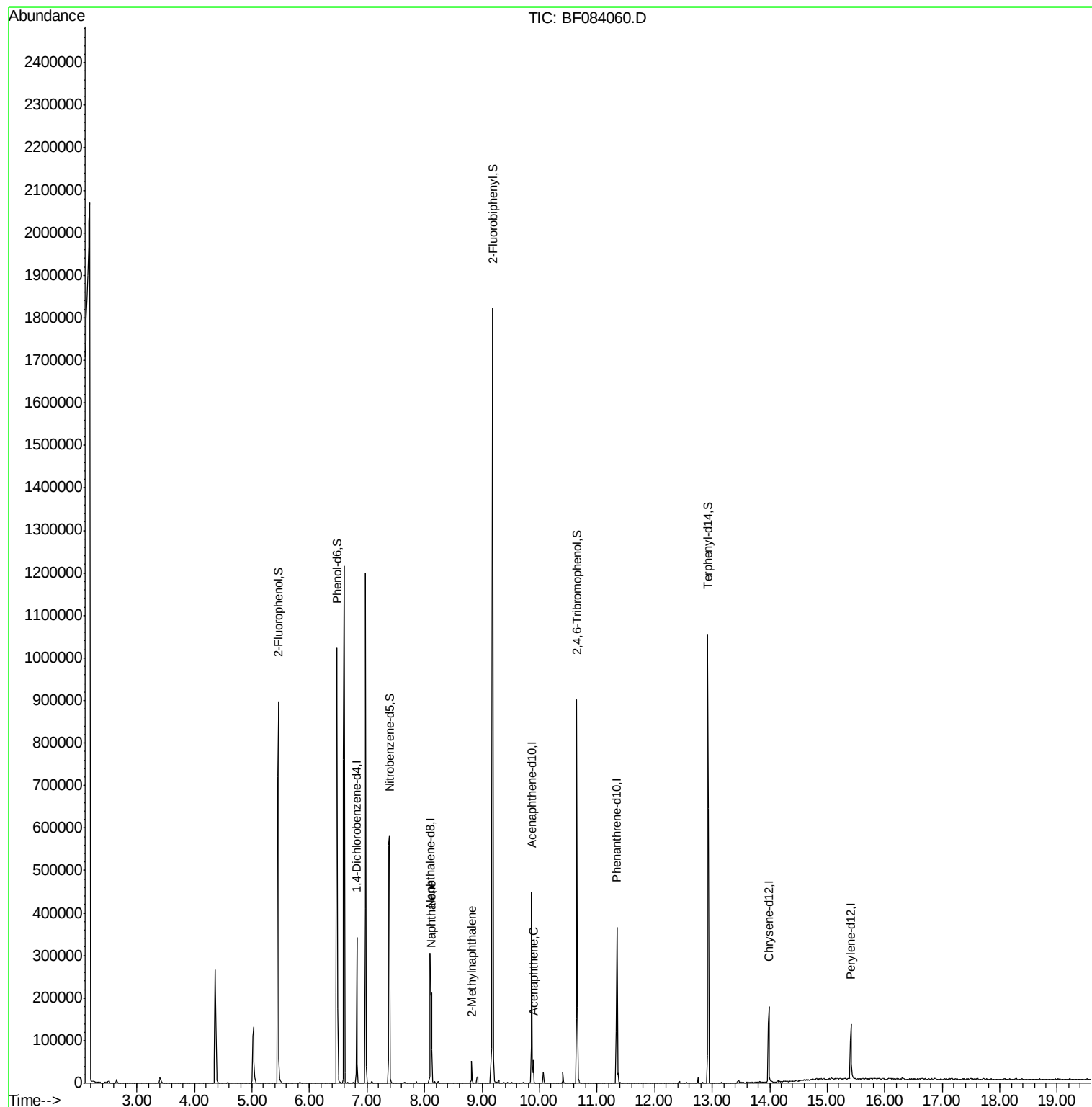
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	50164	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	181646	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	88742	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	141664	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	86000	20.00	ng	-0.01
86) Perylene-d12	15.41	264	69153	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	356839	121.29	ng	0.02
7) Phenol-d6	6.48	99	360450	104.20	ng	0.00
23) Nitrobenzene-d5	7.39	82	289150	97.79	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	102350	119.91	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	608031	92.21	ng	-0.01
78) Terphenyl-d14	12.92	244	402588	111.64	ng	-0.01
Target Compounds						
31) Naphthalene	8.12	128	110357	11.89	ng	99
37) 2-Methylnaphthalene	8.82	142	14599	2.43	ng	96
51) Acenaphthene	9.89	154	14951	2.81	ng	98

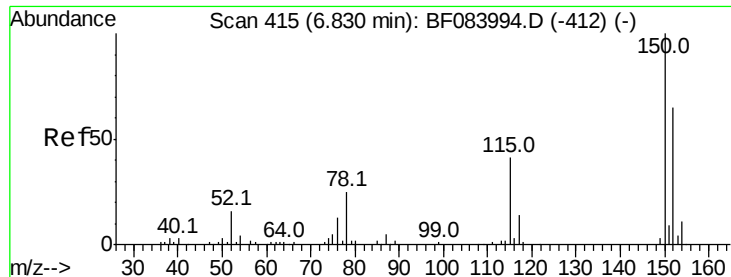
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 22 18:54:09 2015
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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: BF084060.D

Acq: 24 Dec 2015 3:48

Instrument :

BNA_F

ClientSampleId :

WC-2

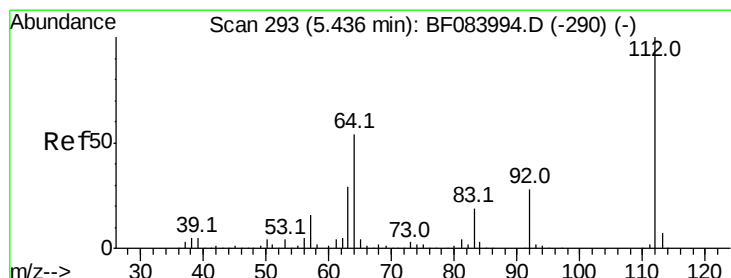
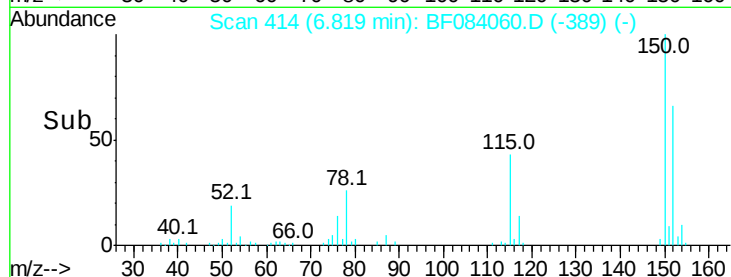
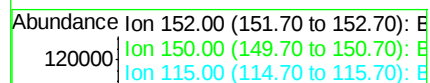
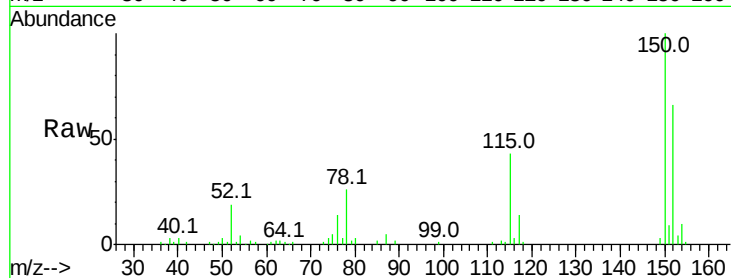
Tot Ion:152 Resp: 50164

Ion Ratio Lower Upper

152 100

150 151.7 123.0 184.4

115 64.8 51.4 77.2



#5

2-Fluorophenol

Concen: 121.29 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.02 min

Lab File: BF084060.D

Acq: 24 Dec 2015 3:48

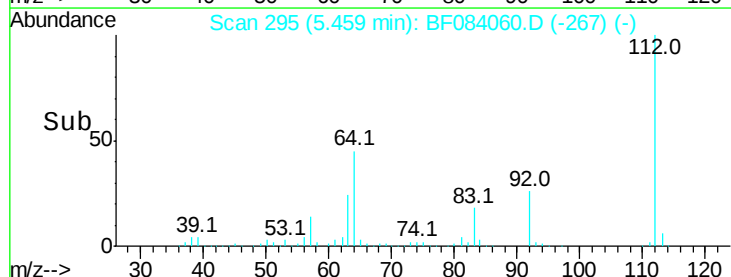
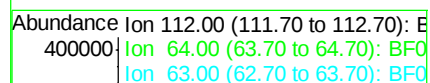
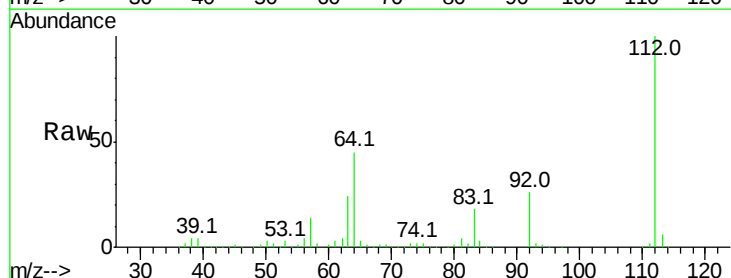
Tgt Ion:112 Resp: 356839

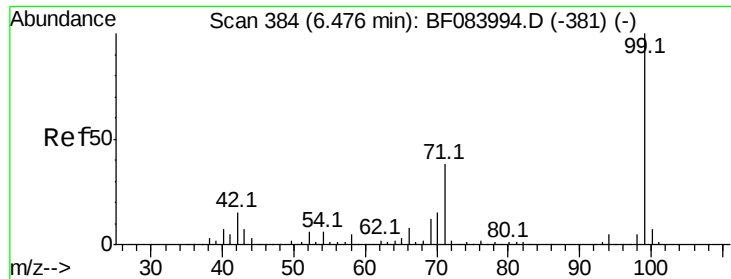
Ion Ratio Lower Upper

112 100

64 44.8 36.6 55.0

63 24.5 19.4 29.0





#7

Phenol-d6

Concen: 104.20 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084060.D

Acq: 24 Dec 2015 3:48

Instrument :

BNA_F

ClientSampled :

WC-2

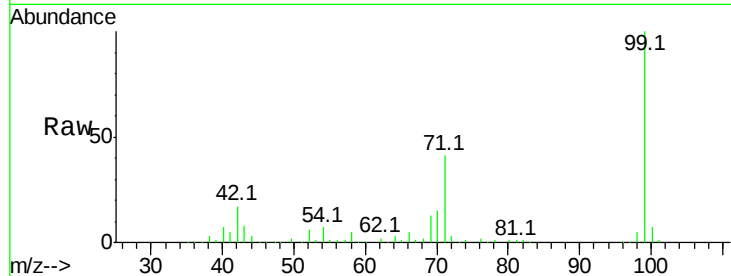
Tot Ion: 99 Resp: 360450

Ion Ratio Lower Upper

99 100

42 16.7 12.8 19.2

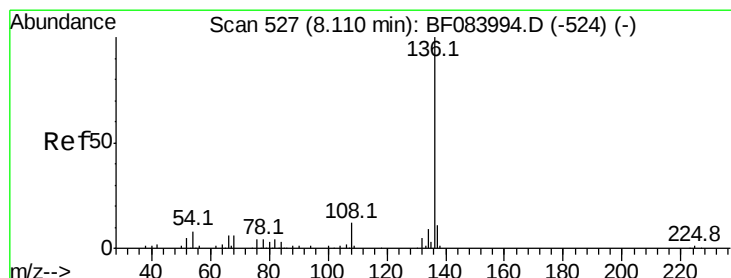
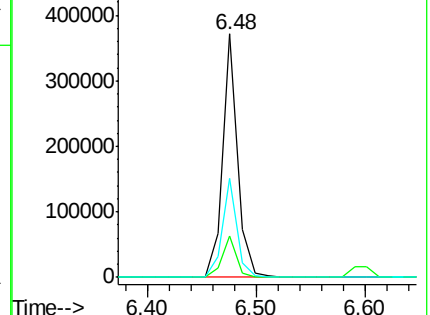
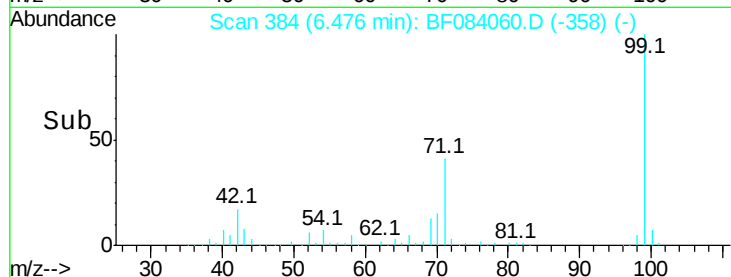
71 40.6 30.9 46.3



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: BF084060.D

Acq: 24 Dec 2015 3:48

Tgt Ion: 136 Resp: 181646

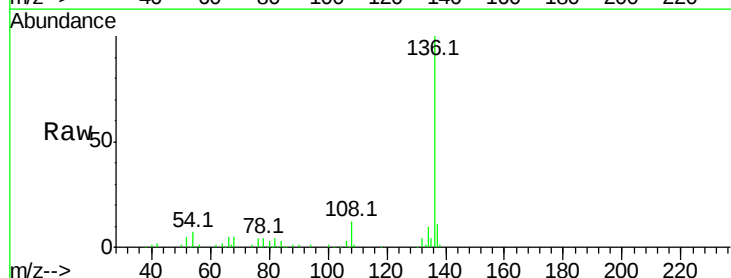
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 7.0 5.8 8.8

68 5.3 4.2 6.2

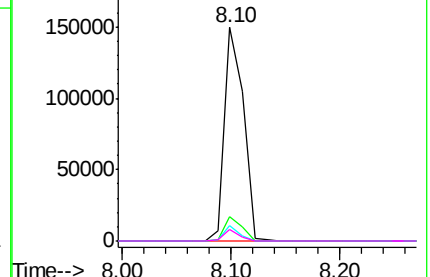
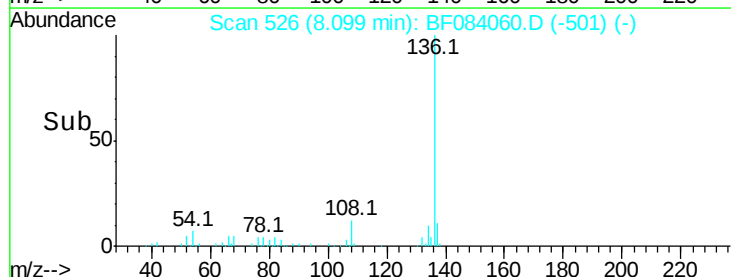


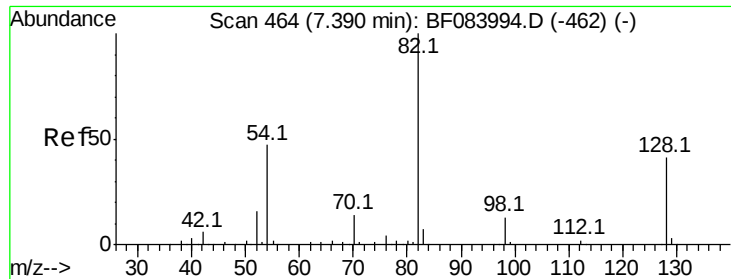
Abundance Ion 136.00 (135.70 to 136.70): E

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

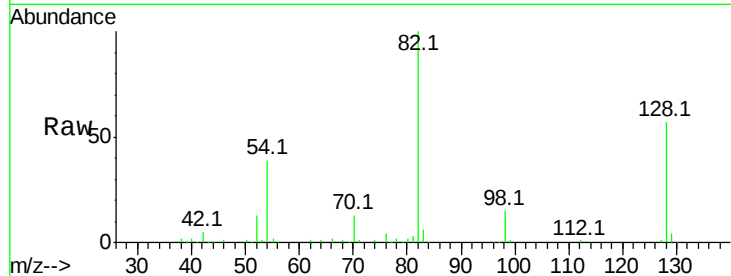




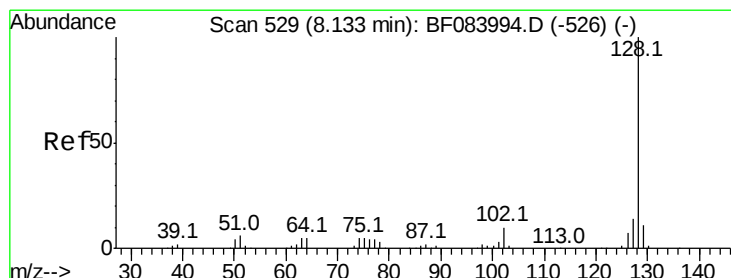
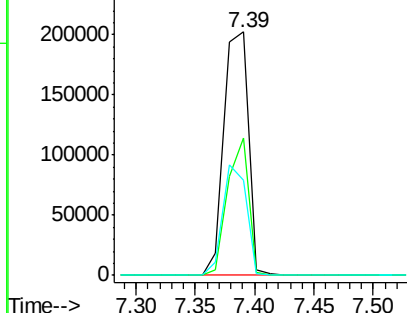
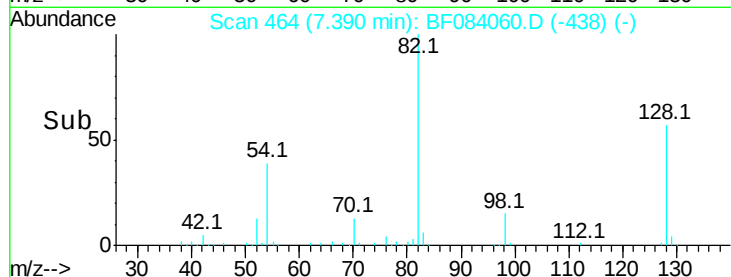
#23
Nitrobenzene-d5
Concen: 97.79 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF084060.D
Acq: 24 Dec 2015 3:48

Instrument :
BNA_F
ClientSampleId :
WC-2

Tot Ion: 82 Resp: 289150
Ion Ratio Lower Upper
82 100
128 56.6 34.6 51.8#
54 39.2 38.4 57.6

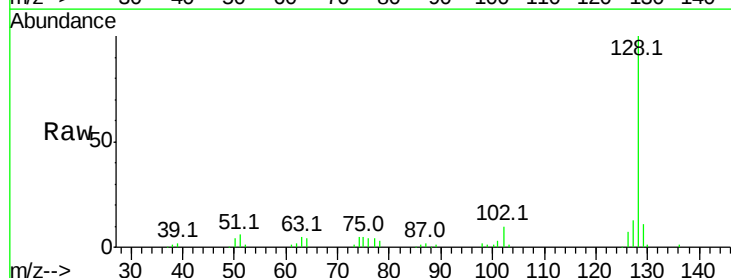


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

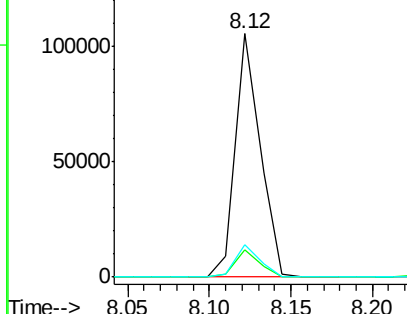
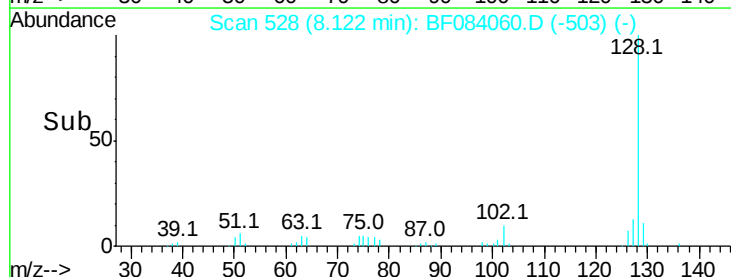


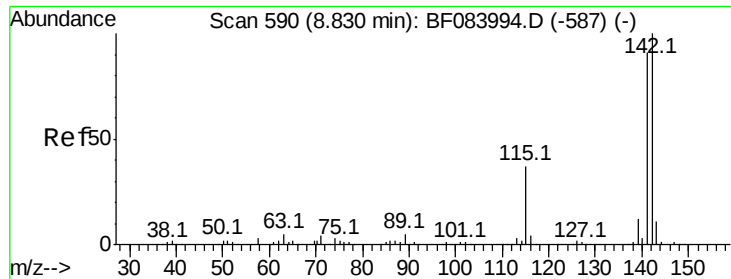
#31
Naphthalene
Concen: 11.89 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF084060.D
Acq: 24 Dec 2015 3:48

Tgt Ion: 128 Resp: 110357
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.2 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

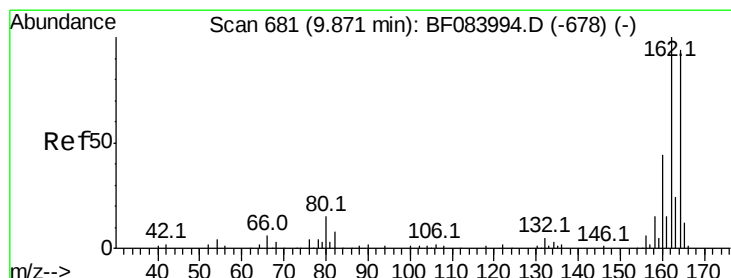
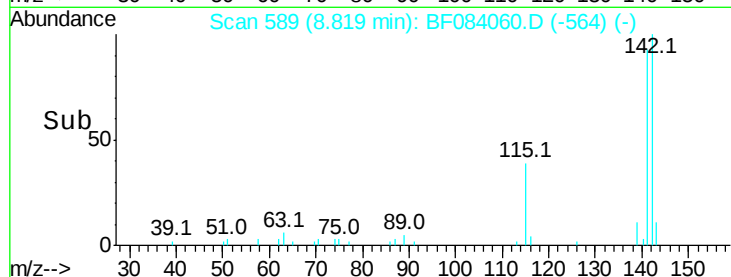
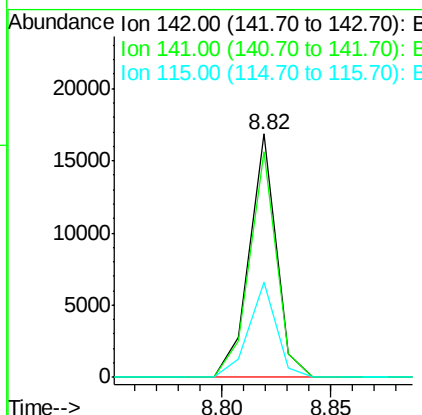
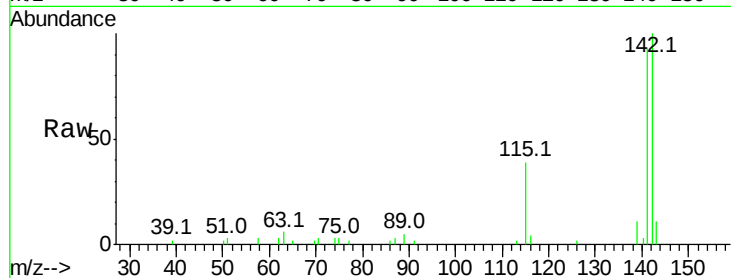




#37
 2-Methylnaphthalene
 Concen: 2.43 ng
 RT: 8.82 min Scan# 589
 Delta R.T. -0.01 min
 Lab File: BF084060.D
 Acq: 24 Dec 2015 3:48

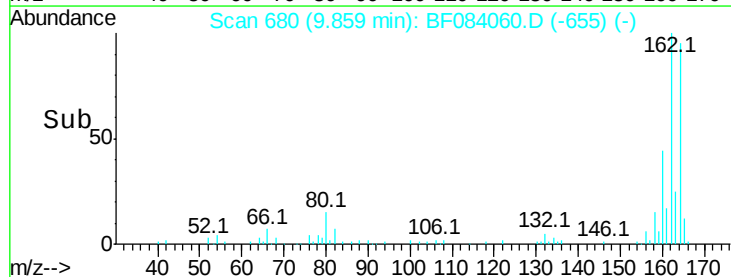
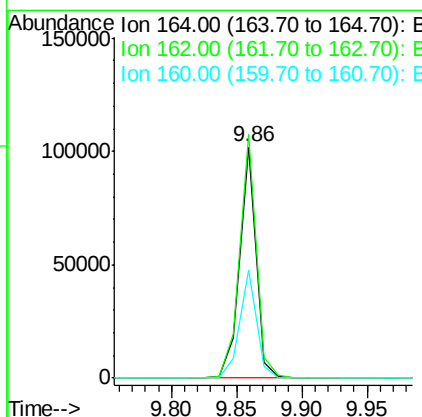
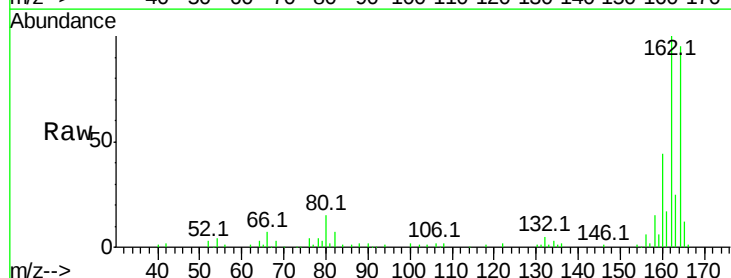
Instrument :
 BNA_F
 ClientSampleID :
 WC-2

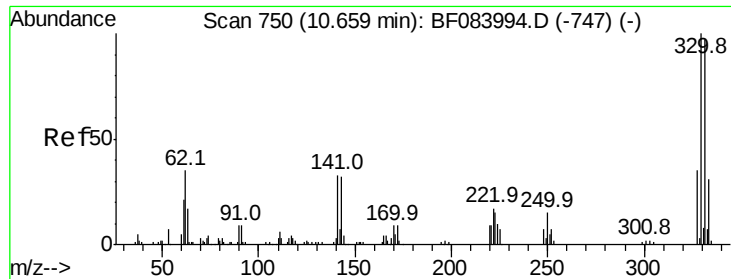
Tot Ion:142 Resp: 14599
 Ion Ratio Lower Upper
 142 100
 141 92.6 72.4 108.6
 115 39.2 27.9 41.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.01 min
 Lab File: BF084060.D
 Acq: 24 Dec 2015 3:48

Tgt Ion:164 Resp: 88742
 Ion Ratio Lower Upper
 164 100
 162 105.4 85.1 127.7
 160 46.6 37.5 56.3

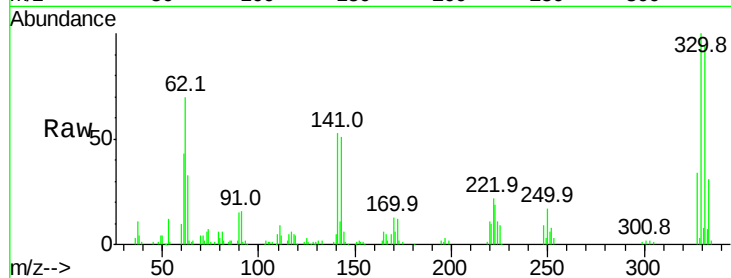




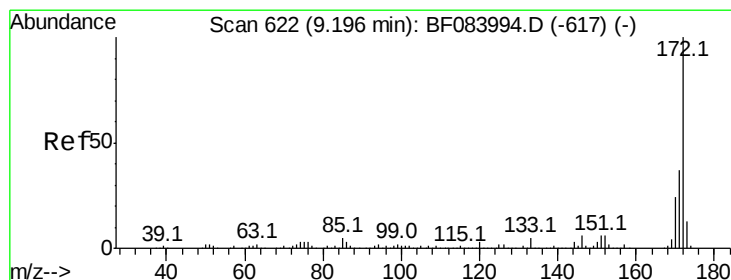
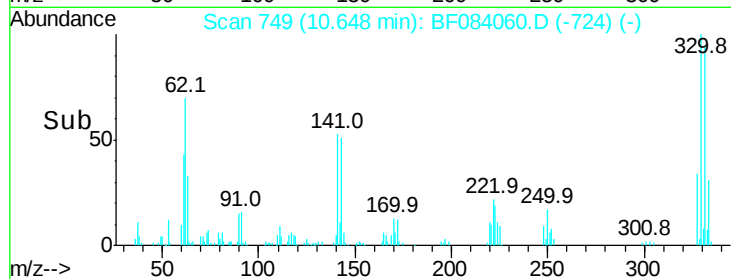
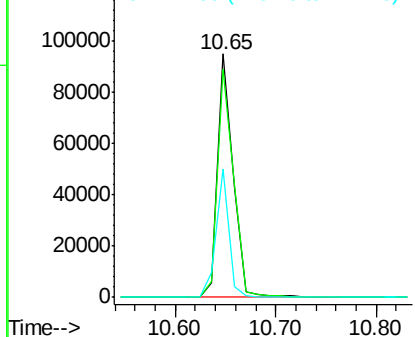
#41
 2,4,6-Tribromophenol
 Concen: 119.91 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF084060.D
 Acq: 24 Dec 2015 3:48

Instrument :
 BNA_F
 ClientSampleID :
 WC-2

Tot Ion:330 Resp: 102350
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 114.8
 141 43.5 27.8 41.6#

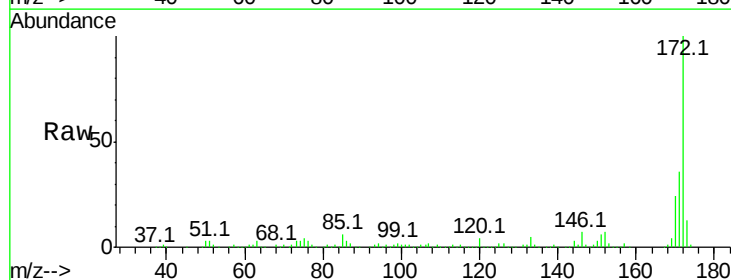


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

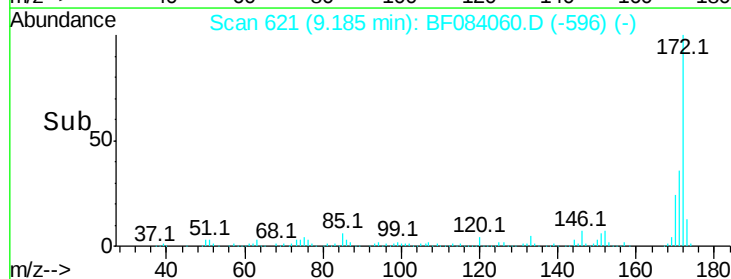
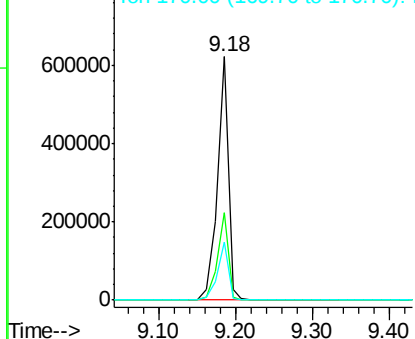


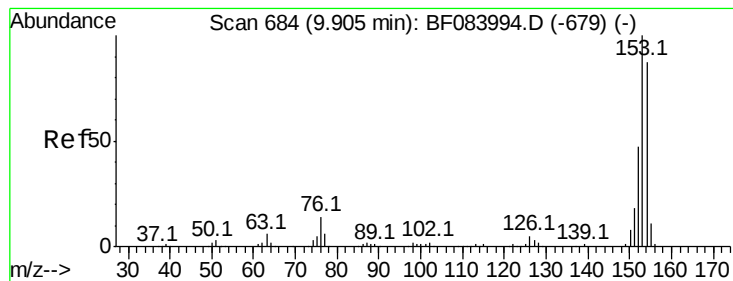
#44
 2-Fluorobiphenyl
 Concen: 92.21 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF084060.D
 Acq: 24 Dec 2015 3:48

Tgt Ion:172 Resp: 608031
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.9 43.3
 170 24.1 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





#51

Acenaphthene

Concen: 2.81 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF084060.D

Acq: 24 Dec 2015 3:48

Instrument :

BNA_F

ClientSampleId :

WC-2

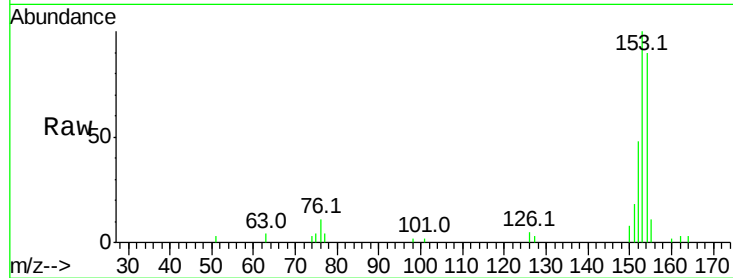
Tot Ion:154 Resp: 14951

Ion Ratio Lower Upper

154 100

153 110.9 91.5 137.3

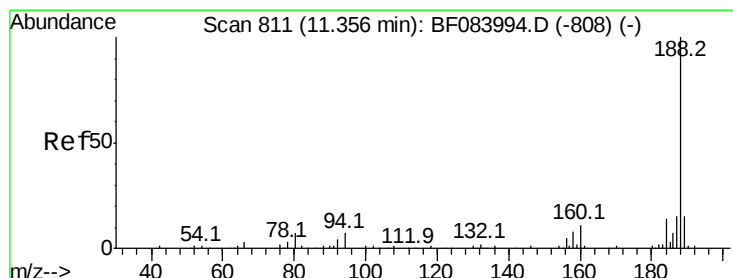
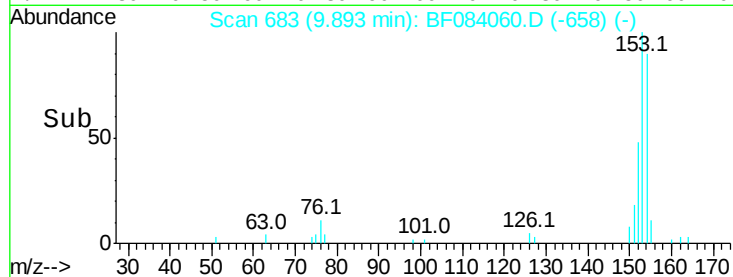
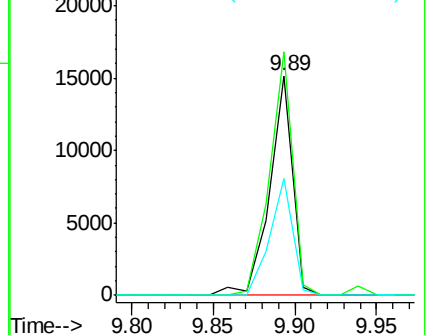
152 53.3 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF084060.D

Acq: 24 Dec 2015 3:48

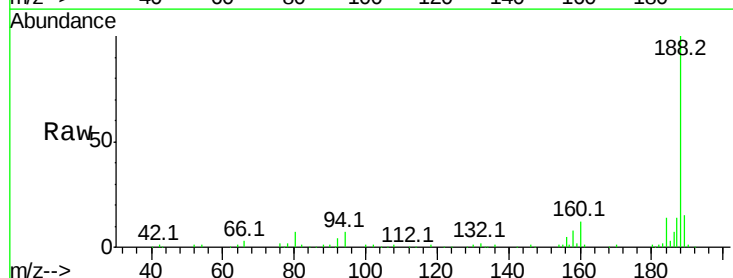
Tgt Ion:188 Resp: 141664

Ion Ratio Lower Upper

188 100

94 6.6 9.0 13.4#

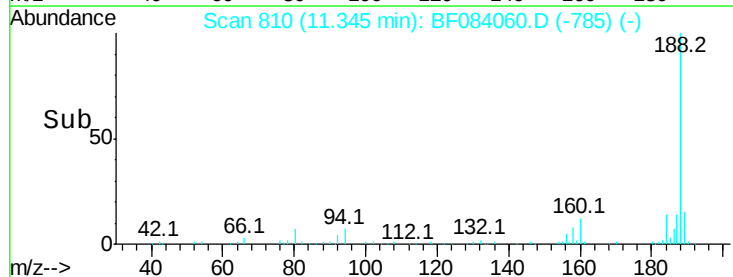
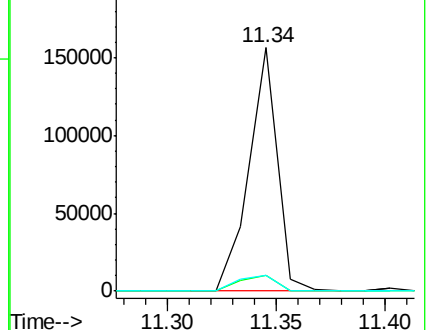
80 6.7 9.6 14.4#

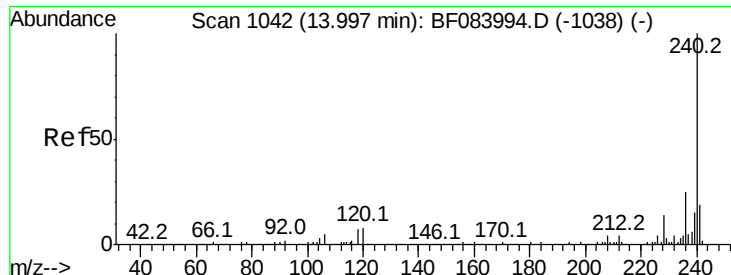


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF084060.D

Acq: 24 Dec 2015 3:48

Instrument :

BNA_F

ClientSampleId :

WC-2

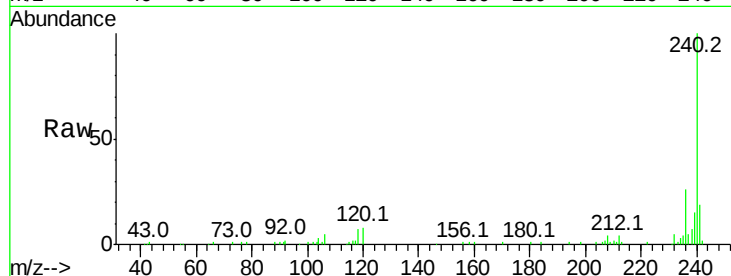
Tot Ion:240 Resp: 86000

Ion Ratio Lower Upper

240 100

120 7.7 9.5 14.3#

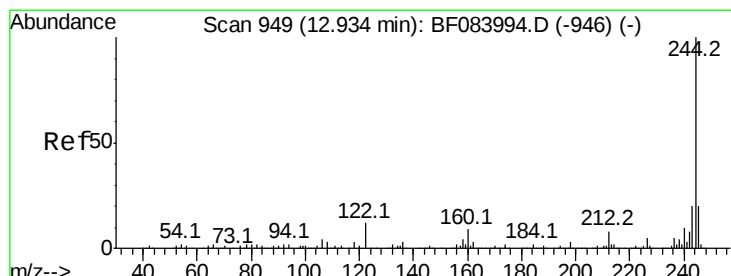
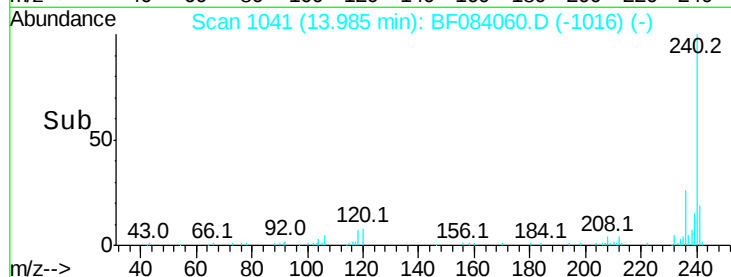
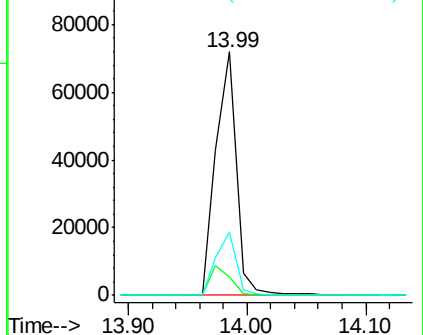
236 25.7 20.6 31.0



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: 111.64 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF084060.D

Acq: 24 Dec 2015 3:48

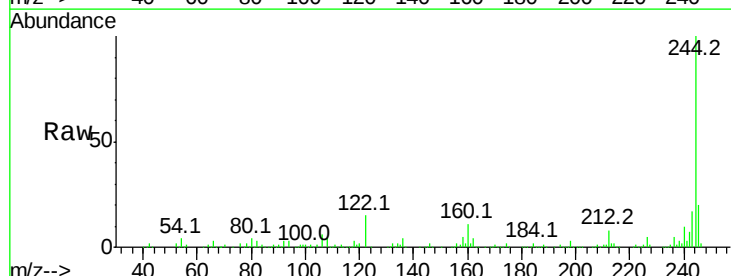
Tgt Ion:244 Resp: 402588

Ion Ratio Lower Upper

244 100

212 8.2 5.7 8.5

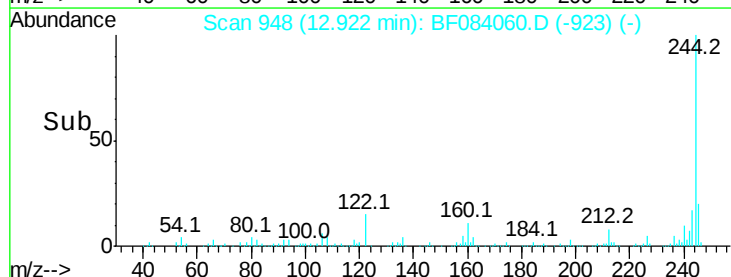
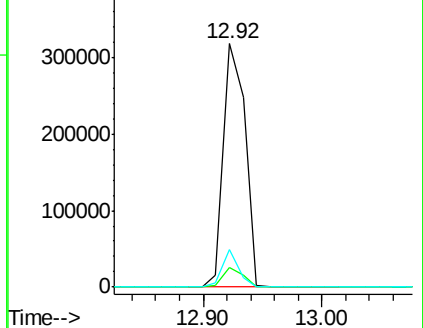
122 15.3 7.4 11.0#

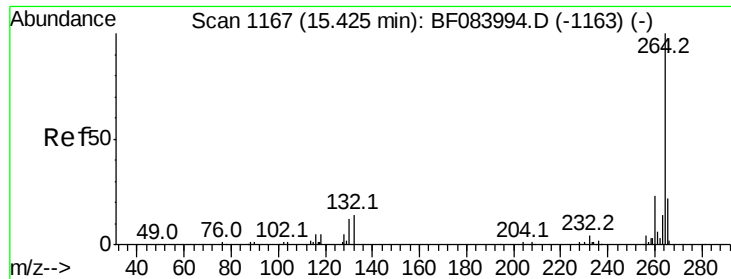


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

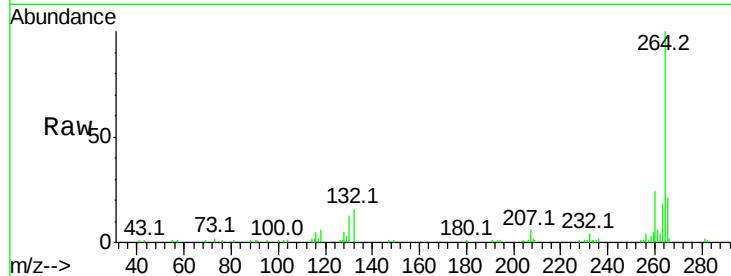




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF084060.D
 Acq: 24 Dec 2015 3:48

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Tot Ion: 264 Resp: 69153
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 20.9 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

