

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071216\
 Data File : BF088952.D
 Acq On : 13 Jul 2016 9:01
 Operator : UM/SJ
 Sample : H3889-01RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-1RE

Quant Time: Jul 13 13:12:09 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

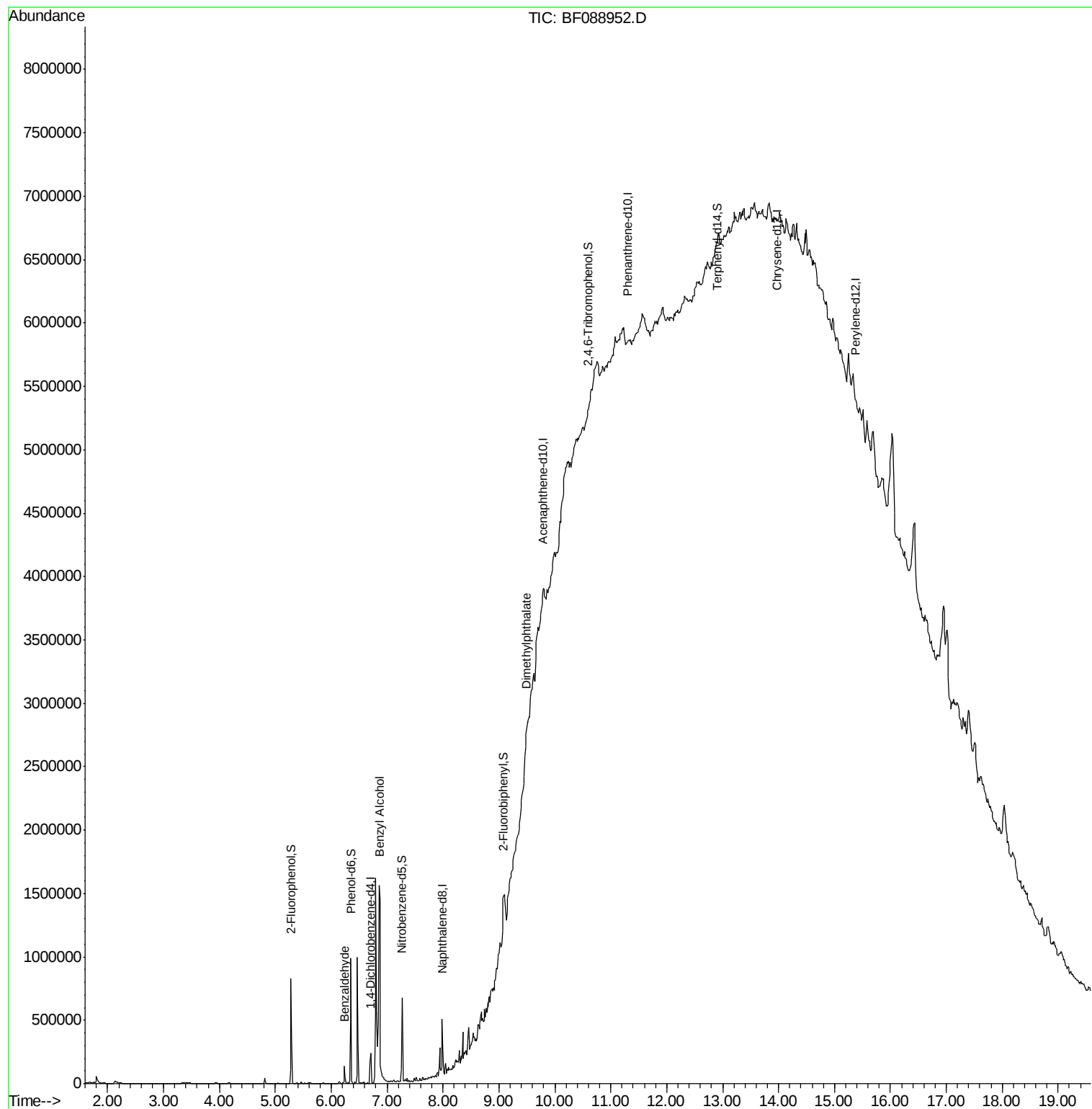
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	46654	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	169927	20.00	ng	-0.01
38) Acenaphthene-d10	9.79	164	62489	20.00	ng	0.05
63) Phenanthrene-d10	11.30	188	63133	20.00	ng	0.08
75) Chrysene-d12	13.97	240	35596	20.00	ng	0.11
86) Perylene-d12	15.37	264	36768	20.00	ng	0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	255304	82.01	ng	-0.01
7) Phenol-d6	6.35	99	381345	94.81	ng	0.00
23) Nitrobenzene-d5	7.27	82	192068	59.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	56983	98.20	ng	0.06
44) 2-Fluorobiphenyl	9.08	172	344639	87.12	ng	0.01
78) Terphenyl-d14	12.90	244	129598	81.09	ng	0.10
Target Compounds						Qvalue
9) Benzaldehyde	6.24	77	28961	10.63	ng	87
15) Benzyl Alcohol	6.87	79	294079	99.34	ng	96
49) Dimethylphthalate	9.48	163	276558	62.12	ng	# 81

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.00 min

Lab File: BF088952.D

Acq: 13 Jul 2016 9:01

Instrument :

BNA_F

ClientSampled :

SS-1RE

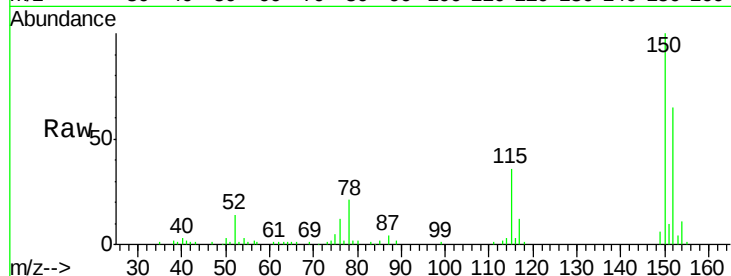
Tot Ion:152 Resp: 46654

Ion Ratio Lower Upper

152 100

150 153.9 123.8 185.6

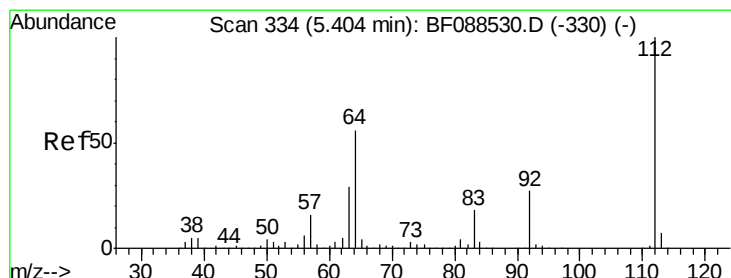
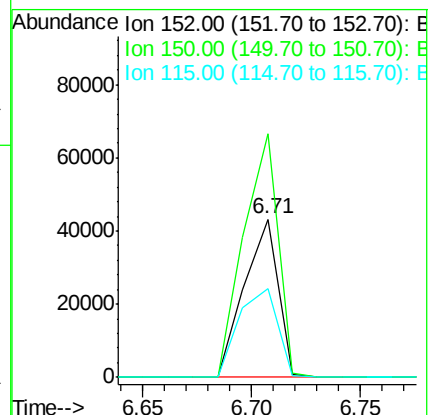
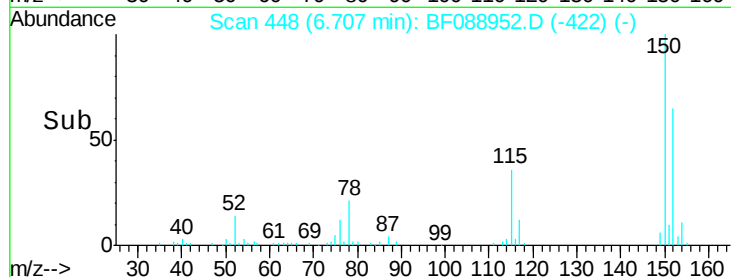
115 56.0 39.6 59.4



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: 82.01 ng

RT: 5.28 min Scan# 323

Delta R.T. -0.01 min

Lab File: BF088952.D

Acq: 13 Jul 2016 9:01

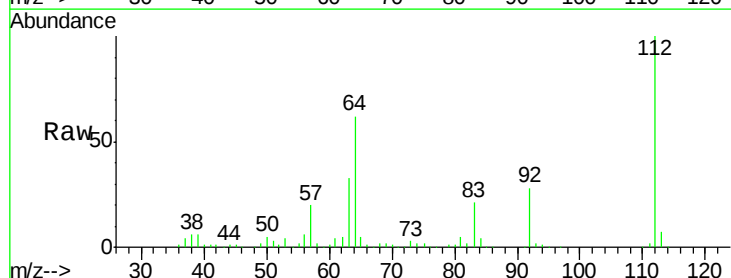
Tgt Ion:112 Resp: 255304

Ion Ratio Lower Upper

112 100

64 61.8 42.2 63.2

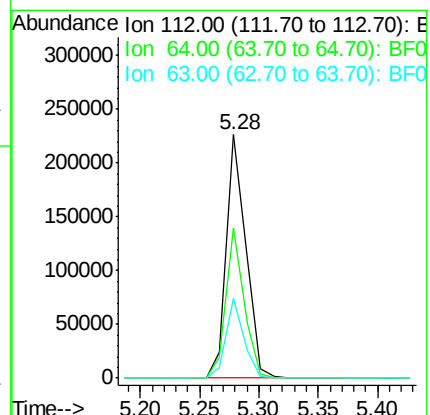
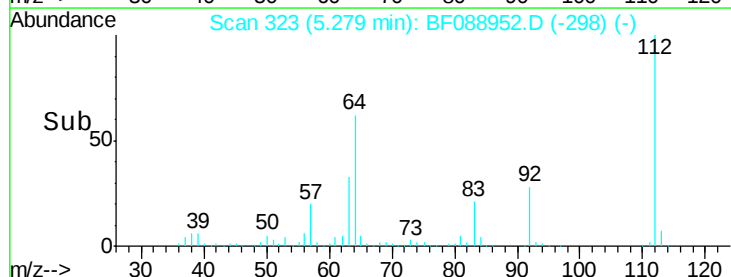
63 33.0 21.8 32.8#



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: 94.81 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF088952.D

Acq: 13 Jul 2016 9:01

Instrument :

BNA_F

ClientSampleId :

SS-1RE

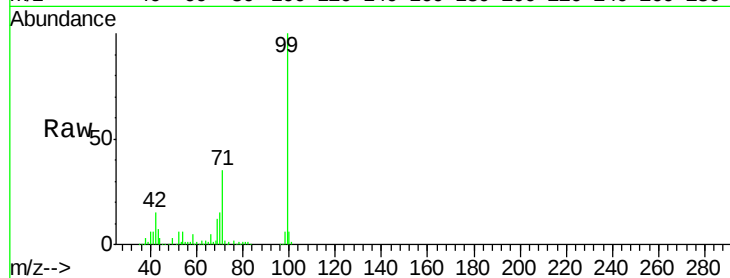
Tot Ion: 99 Resp: 381345

Ion Ratio Lower Upper

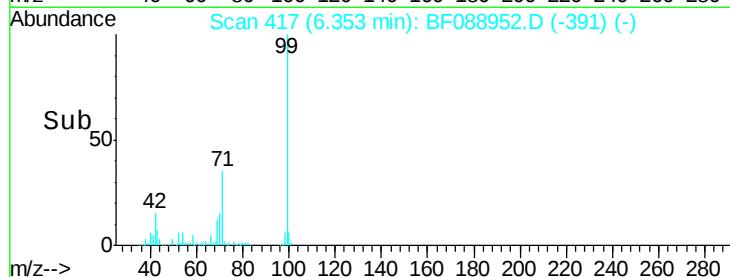
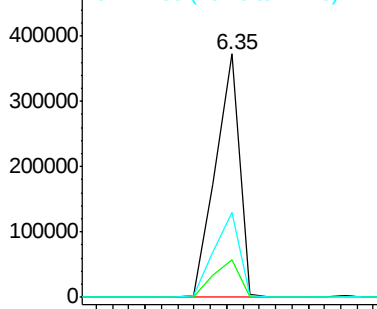
99 100

42 15.4 12.2 18.2

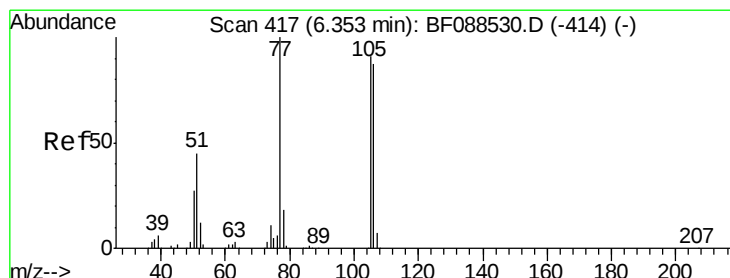
71 35.1 23.4 35.0#



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



Time-->



#9

Benzaldehyde

Concen: 10.63 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF088952.D

Acq: 13 Jul 2016 9:01

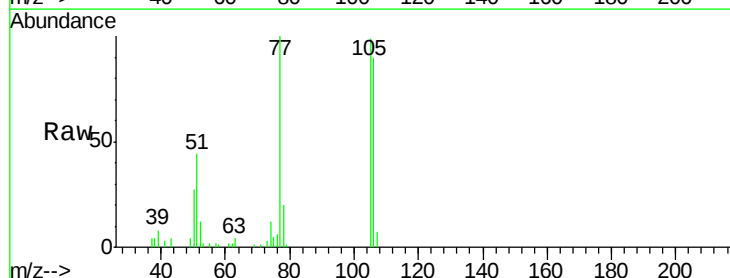
Tgt Ion: 77 Resp: 28961

Ion Ratio Lower Upper

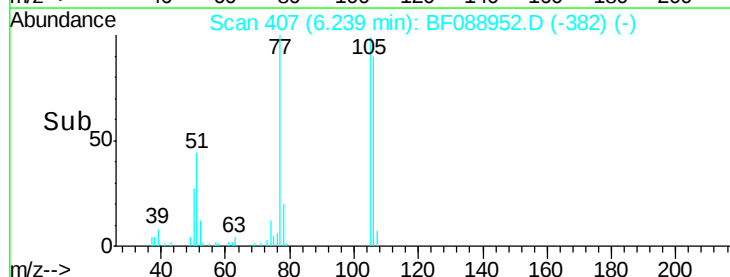
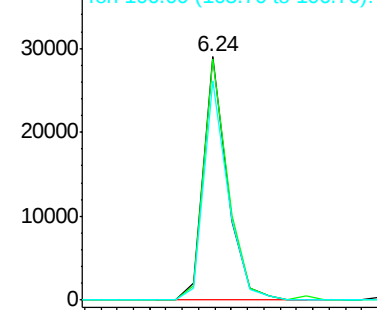
77 100

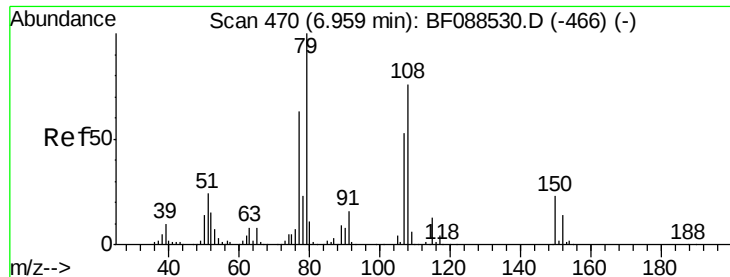
105 98.8 90.6 130.6

106 90.3 85.3 125.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 99.34 ng

RT: 6.87 min Scan# 462

Delta R.T. 0.01 min

Lab File: BF088952.D

Acq: 13 Jul 2016 9:01

Instrument :

BNA_F

ClientSampleId :

SS-1RE

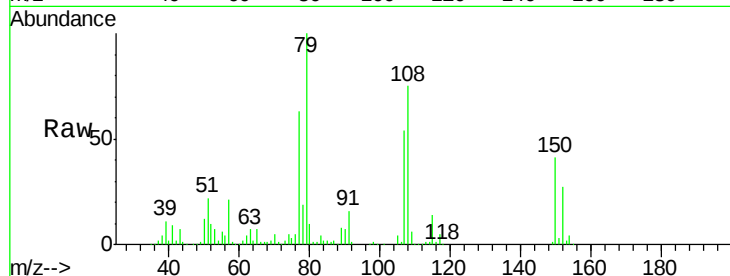
Tot Ion: 79 Resp: 294079

Ion Ratio Lower Upper

79 100

108 75.4 65.0 97.6

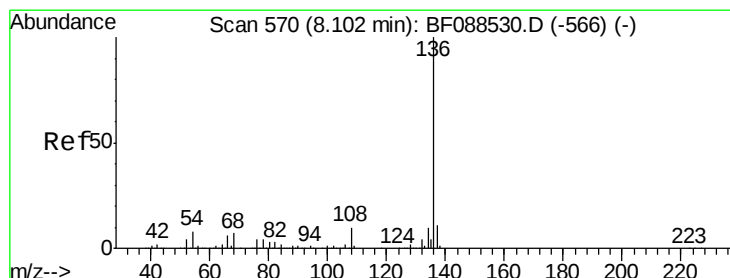
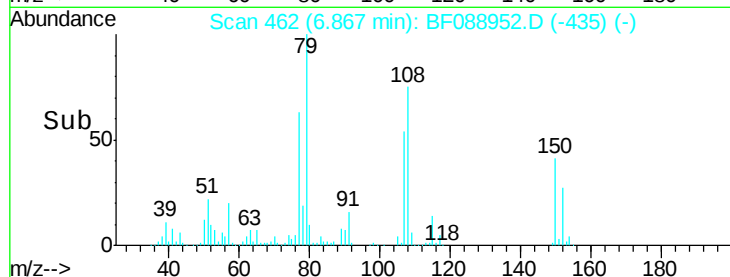
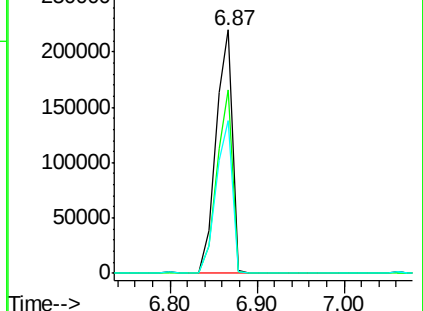
77 62.8 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF088952.D

Acq: 13 Jul 2016 9:01

Tgt Ion: 136 Resp: 169927

Ion Ratio Lower Upper

136 100

137 11.7 9.1 13.7

54 9.3 6.6 10.0

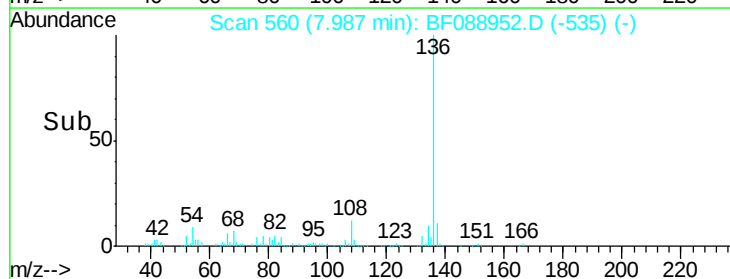
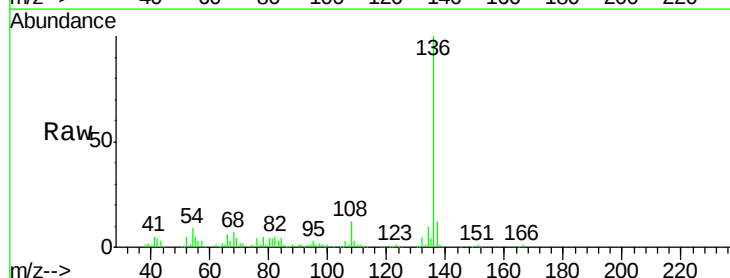
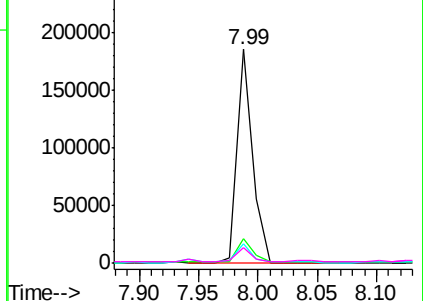
68 7.1 5.1 7.7

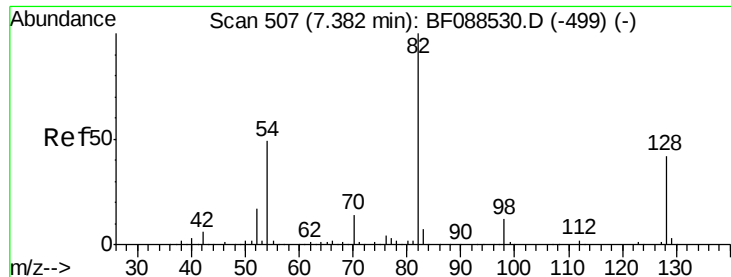
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

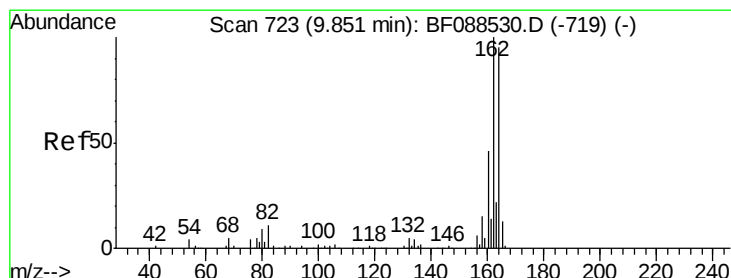
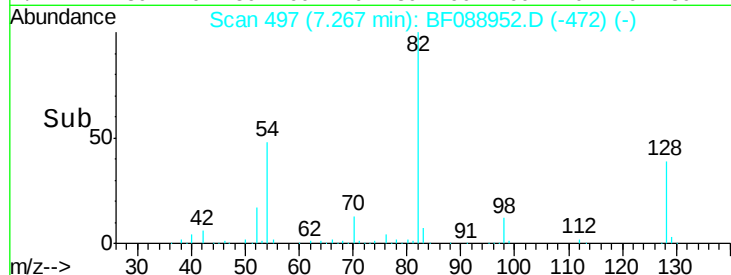
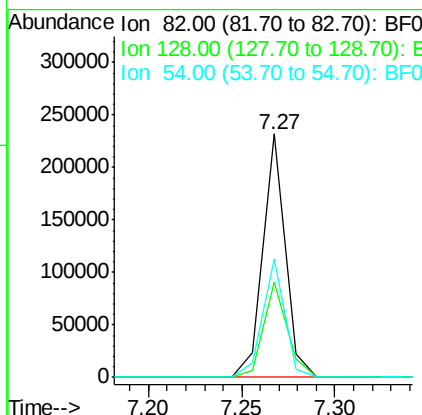
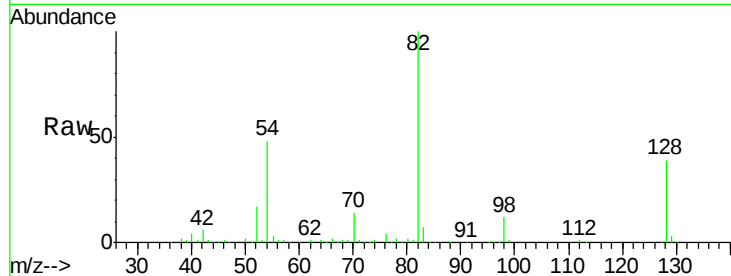




#23
 Nitrobenzene-d5
 Concen: 59.23 ng
 RT: 7.27 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: BF088952.D
 Acq: 13 Jul 2016 9:01

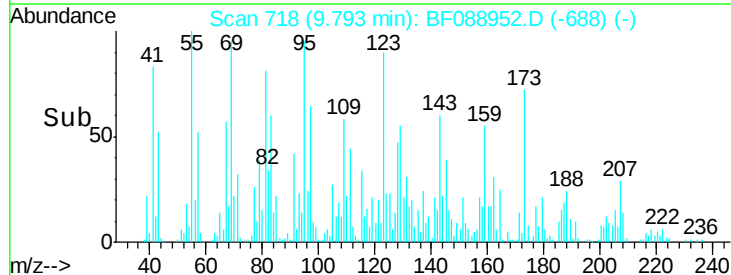
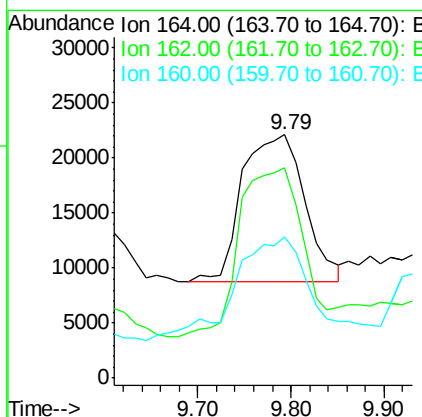
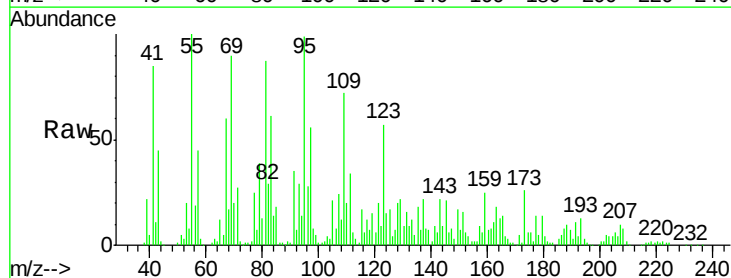
Instrument :
 BNA_F
 ClientSampleId :
 SS-1RE

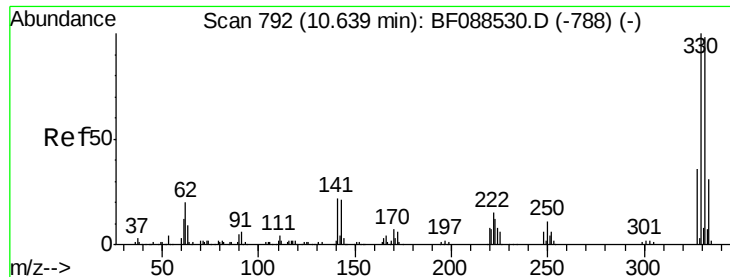
Tot Ion	82	Resp	192068
Ion Ratio	Lower	Upper	
82	100		
128	39.0	35.9	53.9
54	48.3	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 718
 Delta R.T. 0.05 min
 Lab File: BF088952.D
 Acq: 13 Jul 2016 9:01

Tgt Ion	164	Resp	62489
Ion Ratio	Lower	Upper	
164	100		
162	86.6	85.4	128.2
160	57.9	39.5	59.3

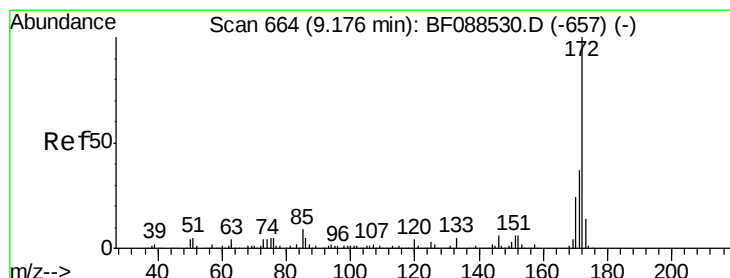
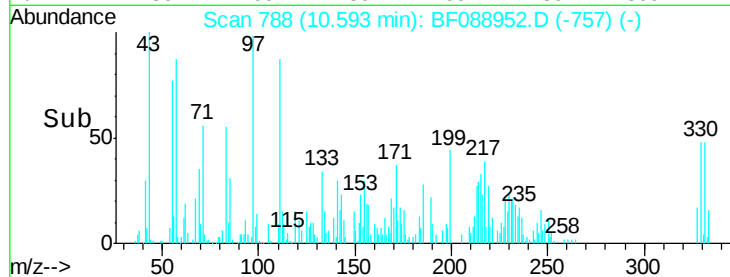
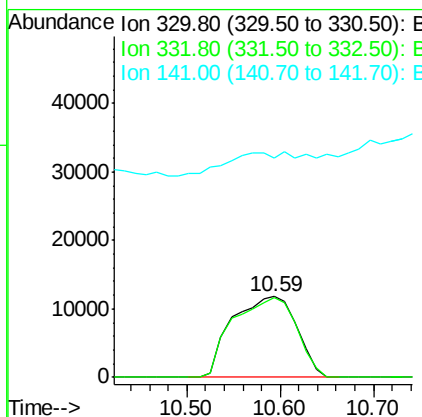
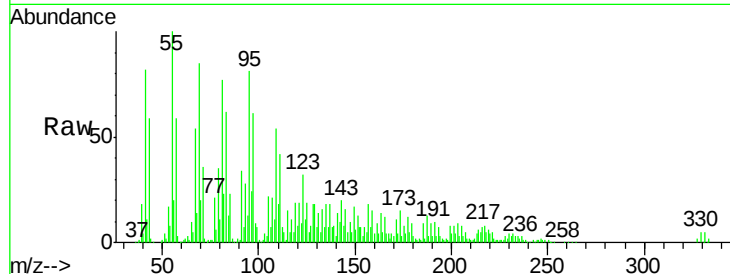




#41
 2,4,6-Tribromophenol
 Concen: 98.20 ng
 RT: 10.59 min Scan# 788
 Delta R.T. 0.06 min
 Lab File: BF088952.D
 Acq: 13 Jul 2016 9:01

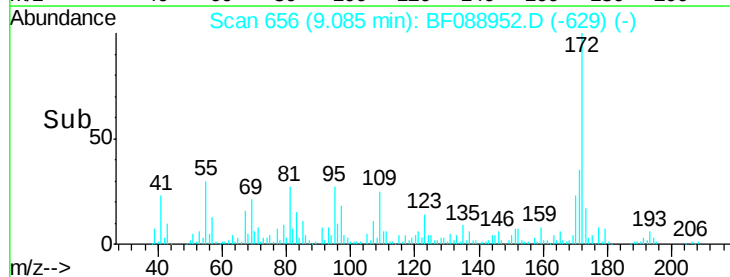
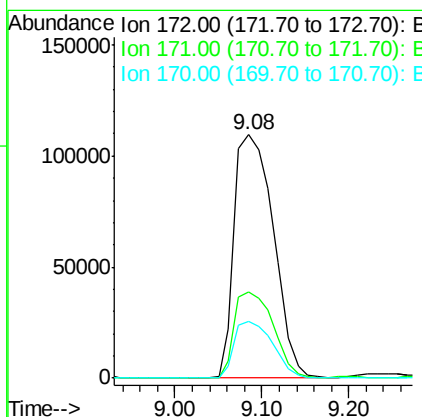
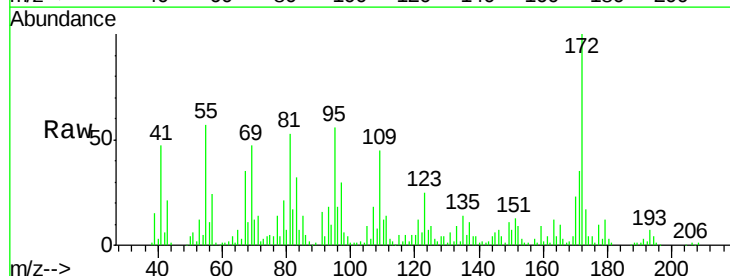
Instrument :
 BNA_F
 ClientSampled :
 SS-1RE

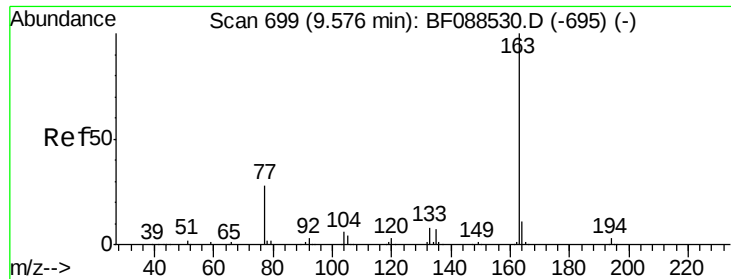
Tot Ion:330 Resp: 56983
 Ion Ratio Lower Upper
 330 100
 332 97.5 0.0 0.0#
 141 17.8 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 87.12 ng
 RT: 9.08 min Scan# 656
 Delta R.T. 0.01 min
 Lab File: BF088952.D
 Acq: 13 Jul 2016 9:01

Tgt Ion:172 Resp: 344639
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 43.0
 170 23.5 19.2 28.8

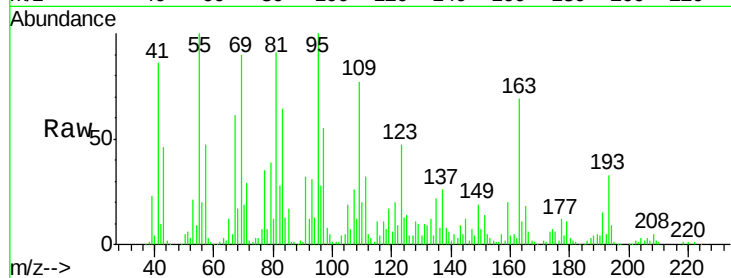




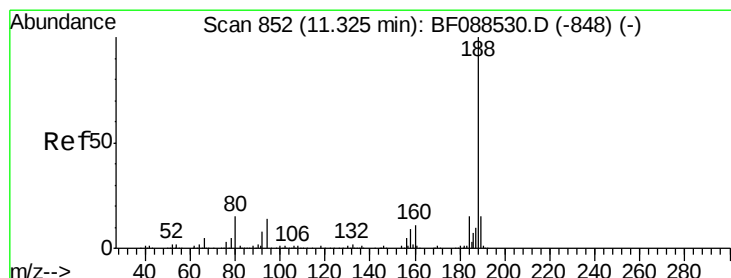
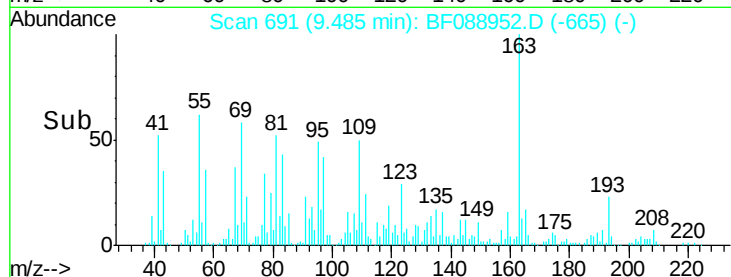
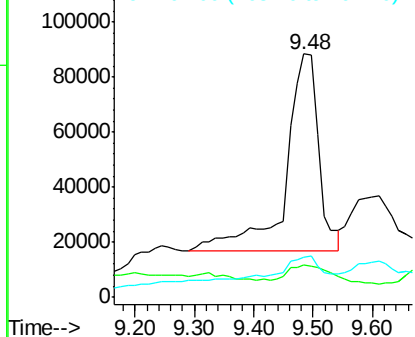
#49
Dimethylphthalate
Concen: 62.12 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF088952.D
Acq: 13 Jul 2016 9:01

Instrument :
BNA_F
ClientSampleId :
SS-1RE

Tot Ion:163 Resp: 276558
Ion Ratio Lower Upper
163 100
194 13.3 2.8 4.2#
164 16.2 8.3 12.5#

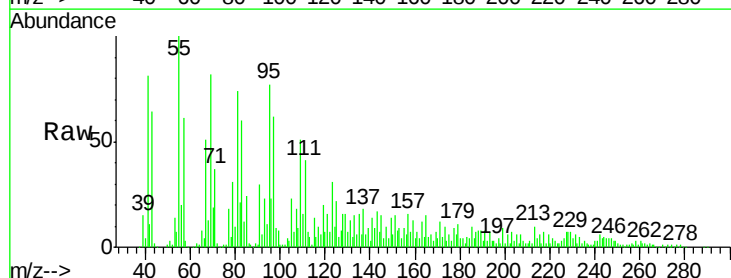


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

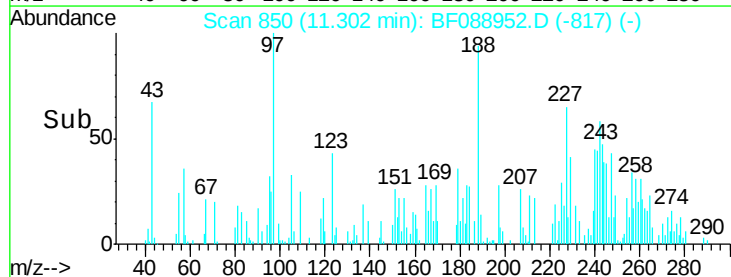
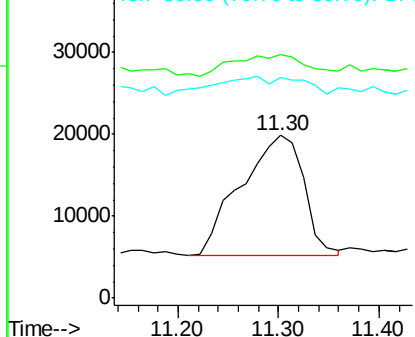


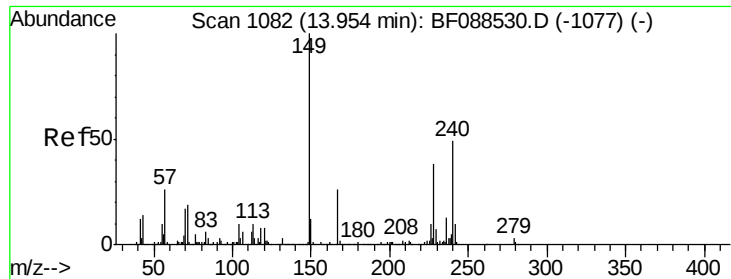
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. 0.08 min
Lab File: BF088952.D
Acq: 13 Jul 2016 9:01

Tgt Ion:188 Resp: 63133
Ion Ratio Lower Upper
188 100
94 149.7 9.0 13.6#
80 135.5 10.0 15.0#



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

Chrvsene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1083

Delta R.T. 0.11 min

Lab File: BF088952.D

Acq: 13 Jul 2016 9:01

Instrument :

BNA_F

ClientSampled :

SS-1RE

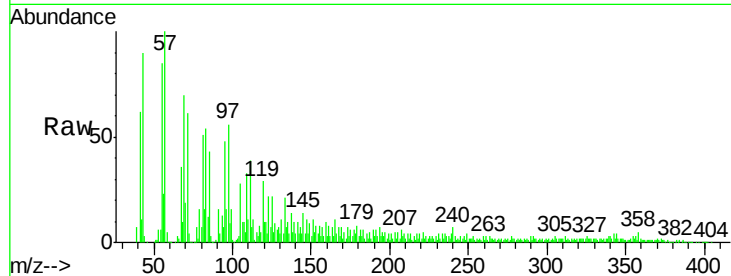
Tot Ion:240 Resp: 35596

Ion Ratio Lower Upper

240 100

120 156.7 6.8 10.2#

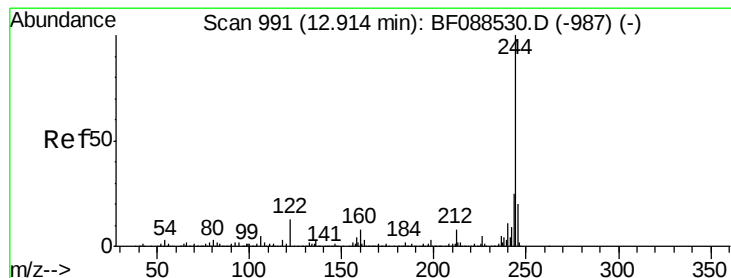
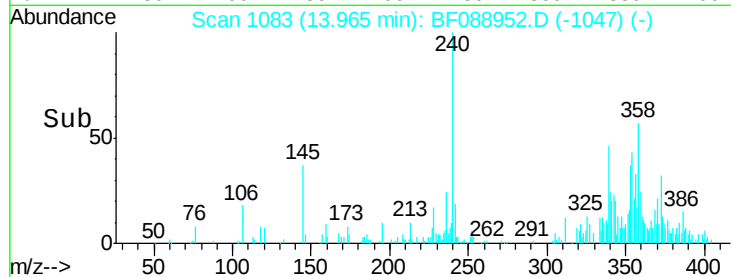
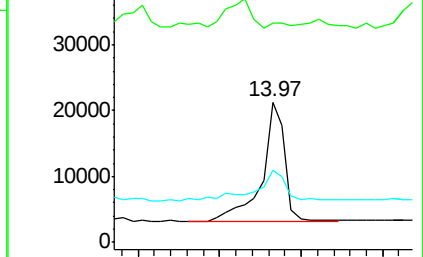
236 51.1 20.2 30.2#



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: 81.09 ng

RT: 12.90 min Scan# 990

Delta R.T. 0.10 min

Lab File: BF088952.D

Acq: 13 Jul 2016 9:01

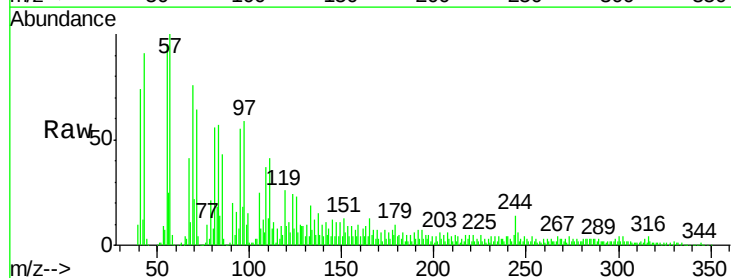
Tgt Ion:244 Resp: 129598

Ion Ratio Lower Upper

244 100

212 17.5 6.0 9.0#

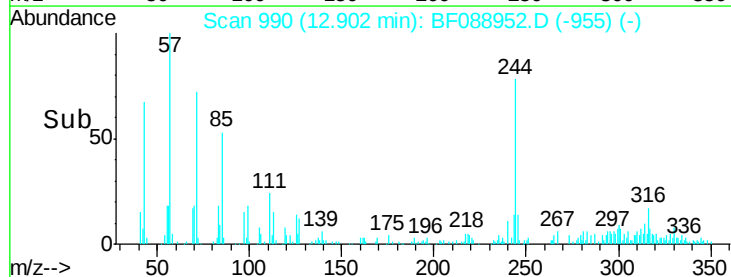
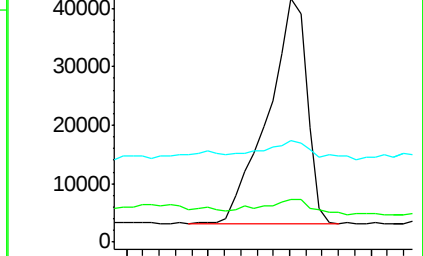
122 41.6 11.2 16.8#

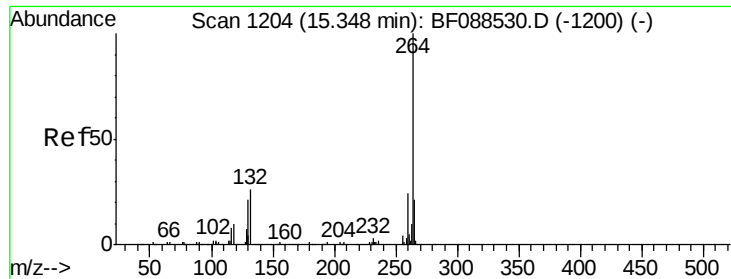


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.37 min Scan# 1206
Delta R.T. 0.16 min
Lab File: BF088952.D
Acq: 13 Jul 2016 9:01

Instrument :
BNA_F
ClientSampleId :
SS-1RE

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	35.4	19.2	28.8	
265	42.0	16.9	25.3	

