

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071216\
 Data File : BF088926.D
 Acq On : 12 Jul 2016 16:23
 Operator : UM/SJ
 Sample : H3889-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-1

Quant Time: Jul 13 02:32:44 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

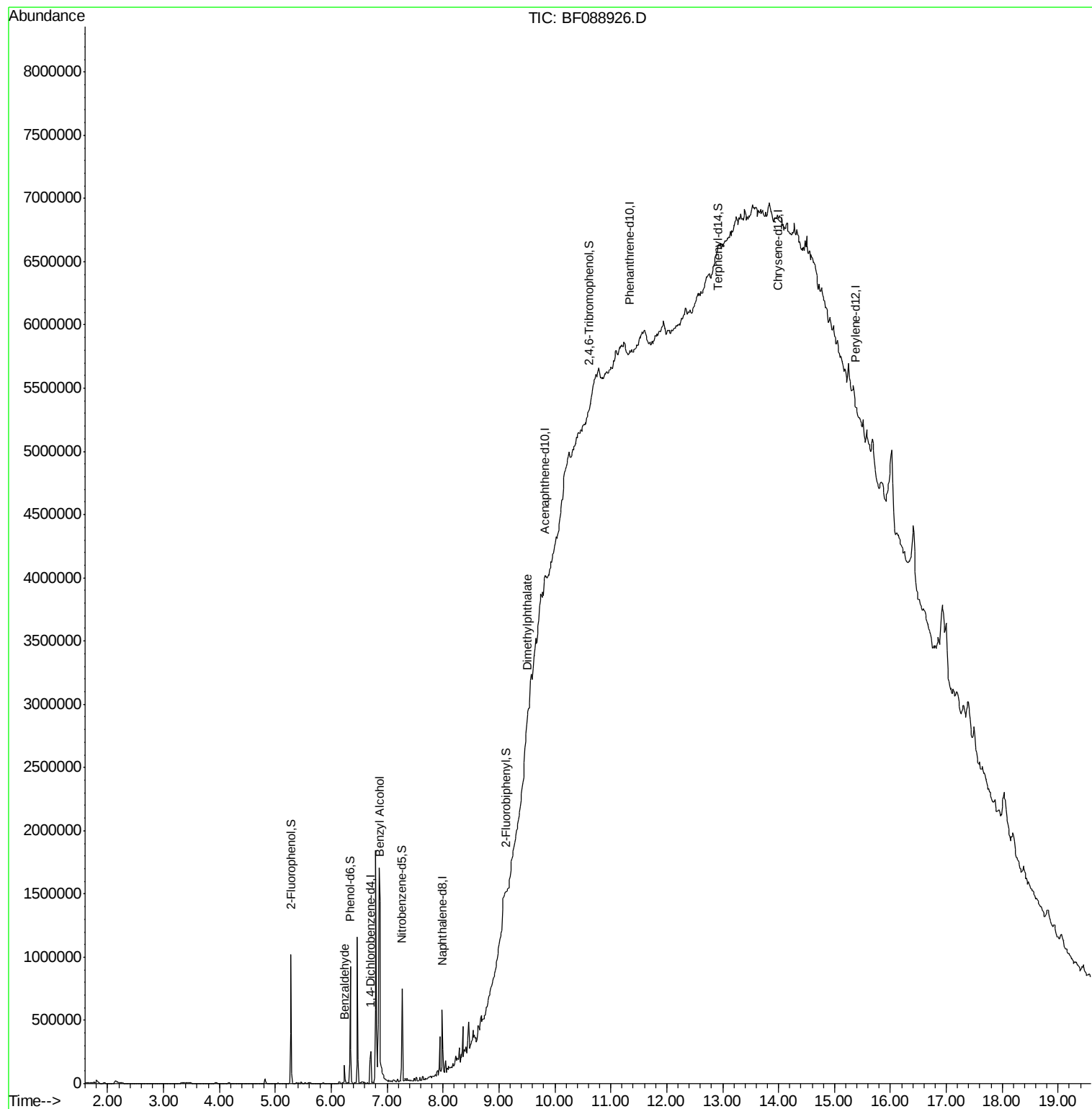
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	50265	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	187370	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	62979	20.00	ng	0.07
63) Phenanthrene-d10	11.34	188	62985	20.00	ng	0.11
75) Chrysene-d12	13.99	240	36579	20.00	ng	0.14
86) Perylene-d12	15.37	264	42667	20.00	ng	0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	294044	87.67	ng	-0.01
7) Phenol-d6	6.34	99	335065	77.32	ng	-0.01
23) Nitrobenzene-d5	7.27	82	214328	59.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	59223	101.27	ng	0.08
44) 2-Fluorobiphenyl	9.12	172	373662	93.72	ng	0.05
78) Terphenyl-d14	12.92	244	128419	78.20	ng	0.13
Target Compounds						
9) Benzaldehyde	6.24	77	29469	10.04	ng	Qvalue 84
15) Benzyl Alcohol	6.87	79	317177	99.44	ng	96
49) Dimethylphthalate	9.51	163	212860	47.44	ng	# 76

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

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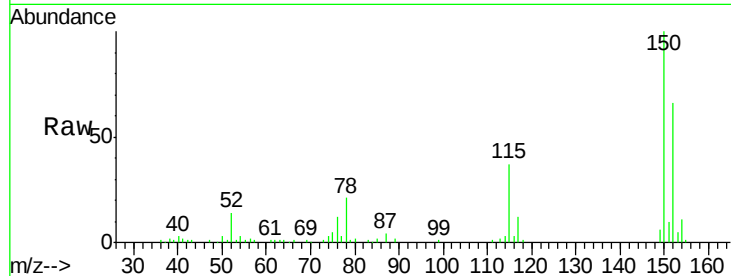


#1

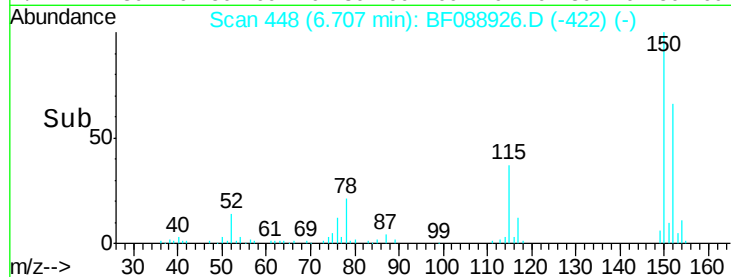
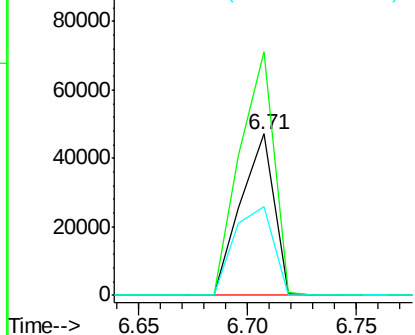
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF088926.D
Acq: 12 Jul 2016 16:23

Instrument :
BNA_F
ClientSampleId :
SS-1

Tot Ion:152 Resp: 50265
Ion Ratio Lower Upper
152 100
150 150.9 123.8 185.6
115 55.1 39.6 59.4



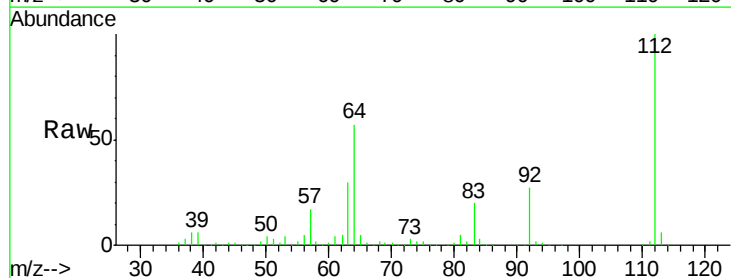
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



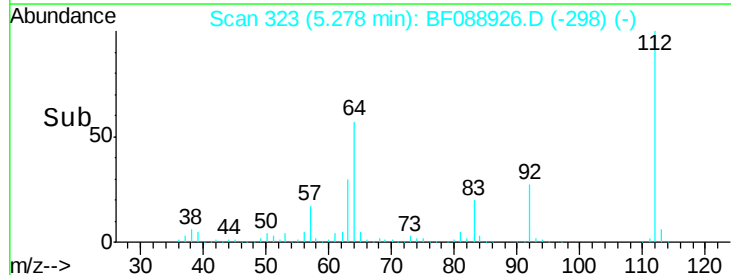
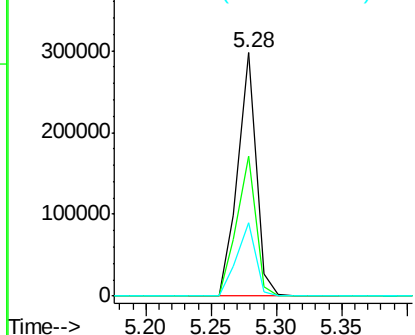
#5

2-Fluorophenol
Concen: 87.67 ng
RT: 5.28 min Scan# 323
Delta R.T. -0.01 min
Lab File: BF088926.D
Acq: 12 Jul 2016 16:23

Tgt Ion:112 Resp: 294044
Ion Ratio Lower Upper
112 100
64 57.3 42.2 63.2
63 29.9 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: 77.32 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

Instrument :

BNA_F

ClientSampleId :

SS-1

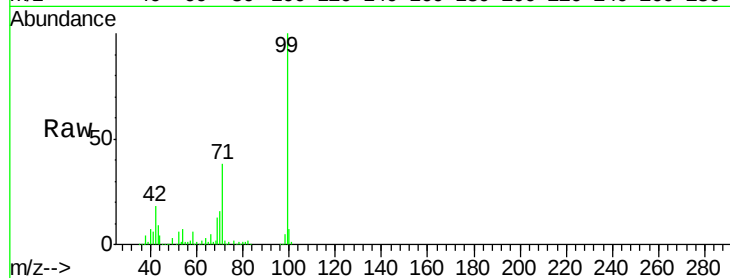
Tot Ion: 99 Resp: 335065

Ion Ratio Lower Upper

99 100

42 18.5 12.2 18.2#

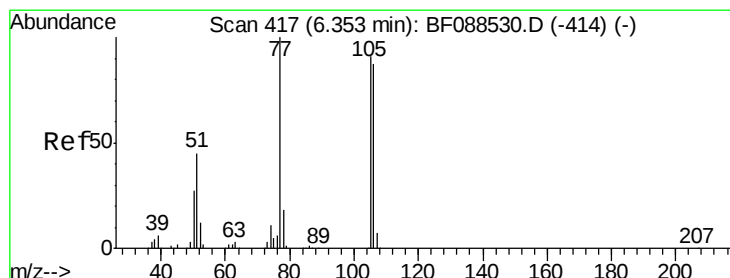
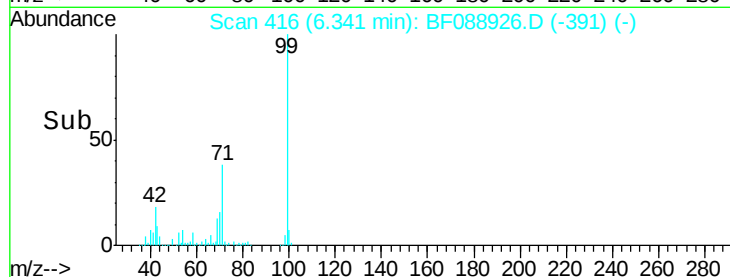
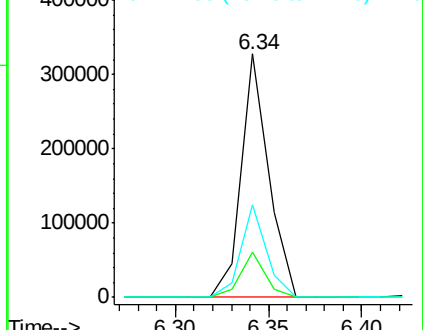
71 38.1 23.4 35.0#



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



#9

Benzaldehyde

Concen: 10.04 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

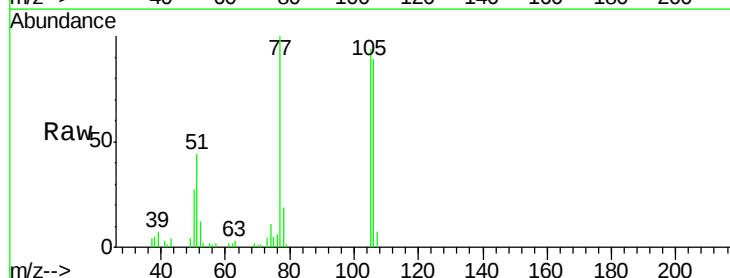
Tgt Ion: 77 Resp: 29469

Ion Ratio Lower Upper

77 100

105 94.1 90.6 130.6

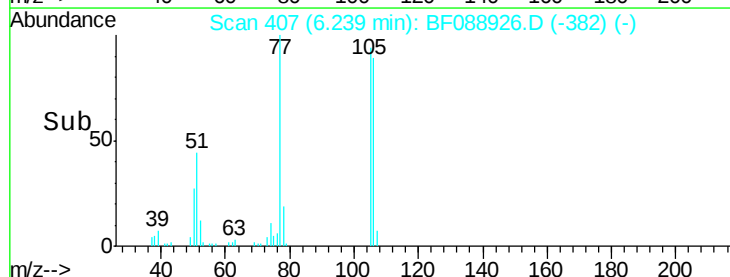
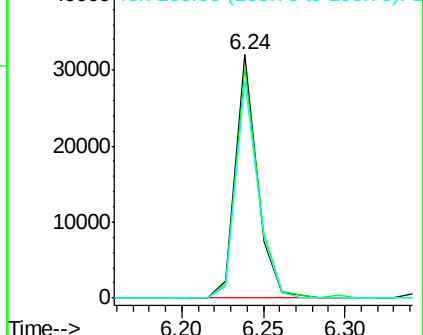
106 89.0 85.3 125.3

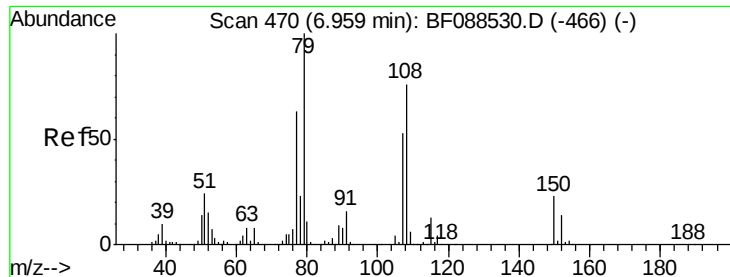


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 99.44 ng

RT: 6.87 min Scan# 462

Delta R.T. 0.01 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

Instrument :

BNA_F

ClientSampleId :

SS-1

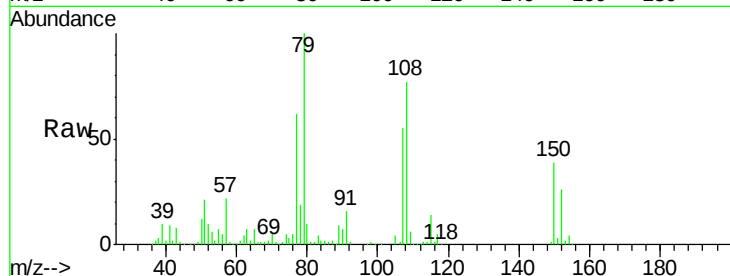
Tot Ion: 79 Resp: 317177

Ion Ratio Lower Upper

79 100

108 76.8 65.0 97.6

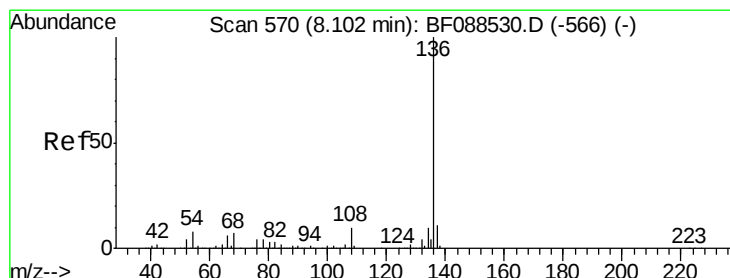
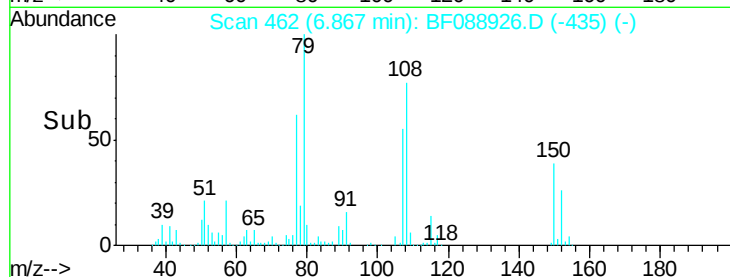
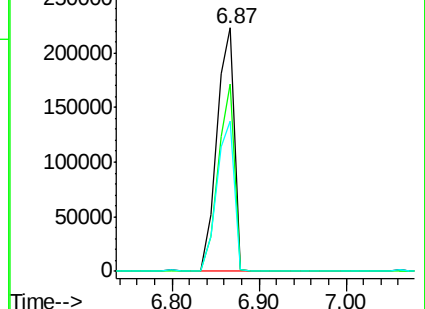
77 61.6 50.3 75.5



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: BF088926.D

Acq: 12 Jul 2016 16:23

Tgt Ion: 136 Resp: 187370

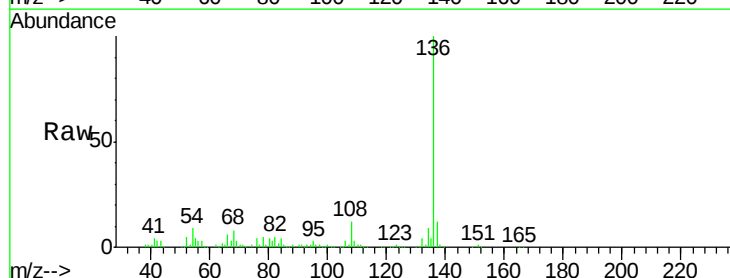
Ion Ratio Lower Upper

136 100

137 11.8 9.1 13.7

54 9.4 6.6 10.0

68 7.6 5.1 7.7

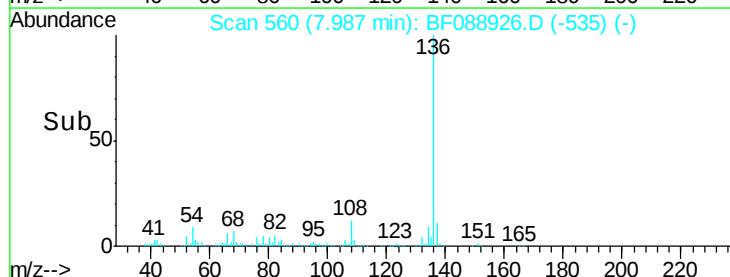
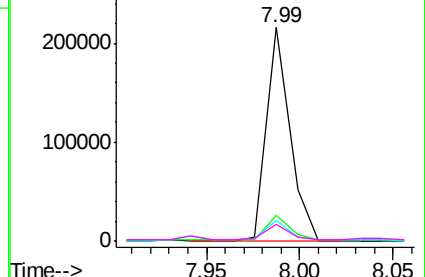


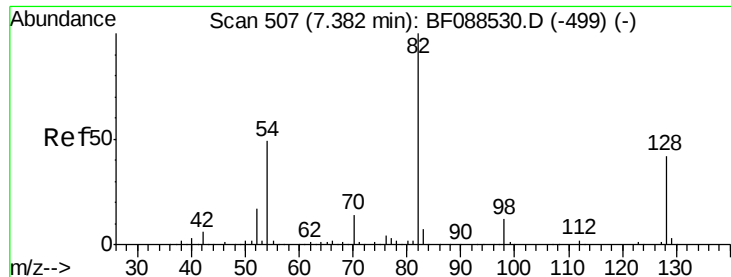
Abundance Ion 136.00 (135.70 to 136.70): BF0

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

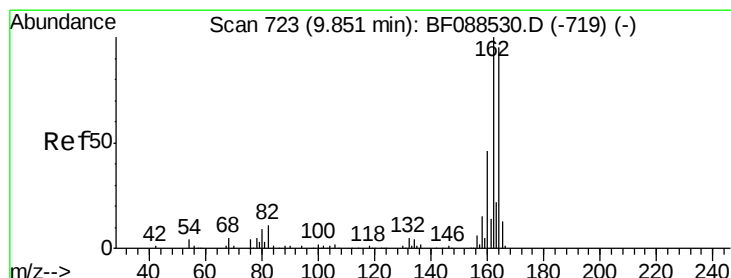
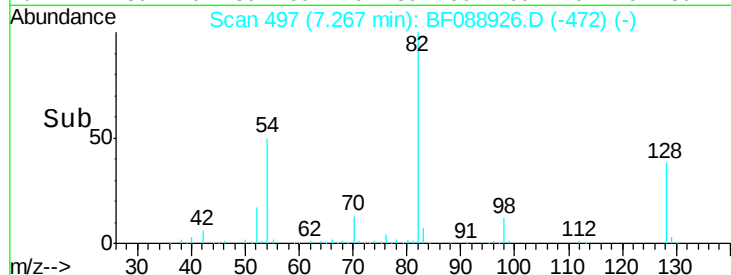
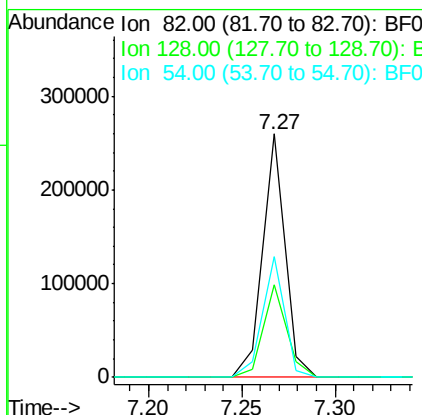
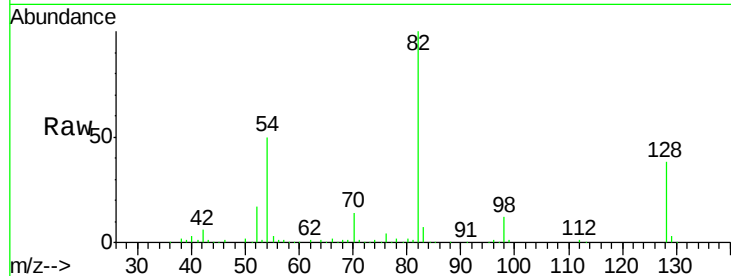




#23
 Nitrobenzene-d5
 Concen: 59.94 ng
 RT: 7.27 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: BF088926.D
 Acq: 12 Jul 2016 16:23

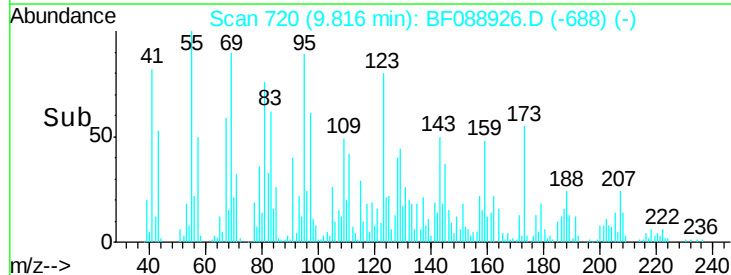
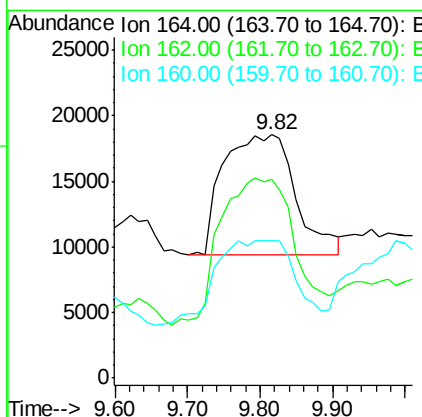
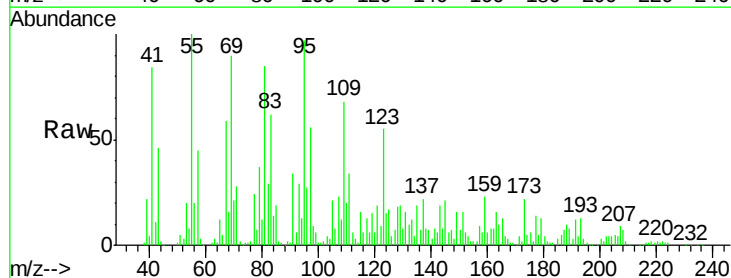
Instrument :
 BNA_F
 ClientSampled :
 SS-1

Tot Ion	82	Resp	214328
Ion Ratio	Lower	Upper	
82	100		
128	38.2	35.9	53.9
54	49.7	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 720
 Delta R.T. 0.07 min
 Lab File: BF088926.D
 Acq: 12 Jul 2016 16:23

Tgt Ion	164	Resp	62979
Ion Ratio	Lower	Upper	
164	100		
162	81.4	85.4	128.2#
160	56.2	39.5	59.3

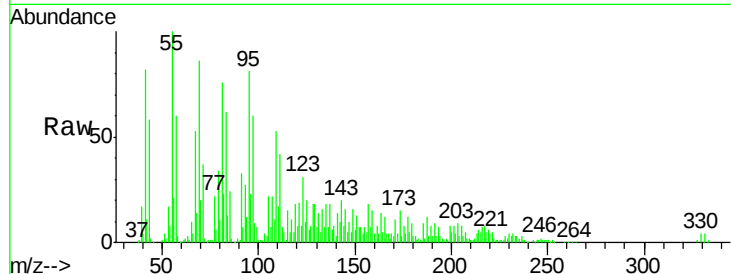




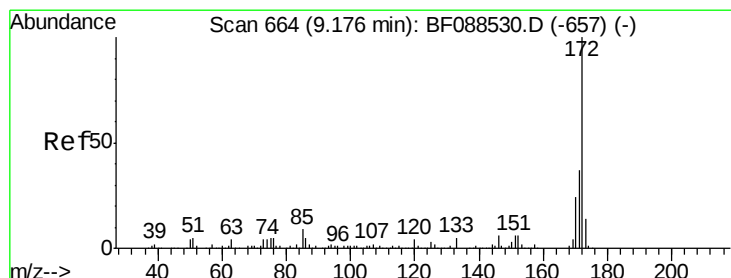
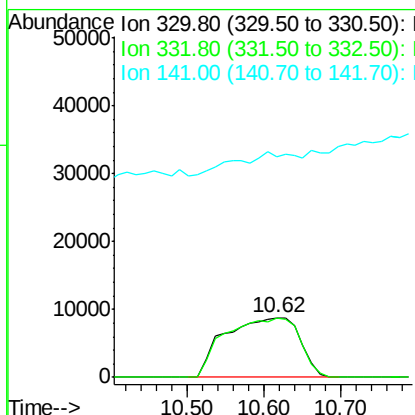
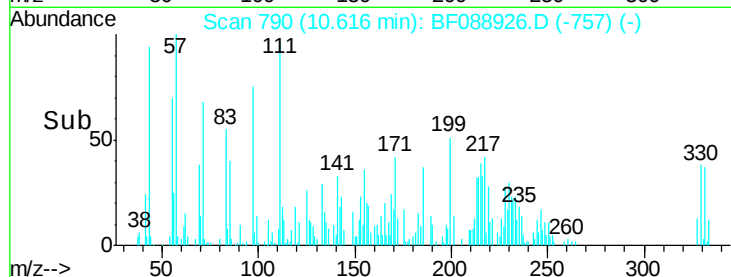
#41
 2,4,6-Tribromophenol
 Concen: 101.27 ng
 RT: 10.62 min Scan# 790
 Delta R.T. 0.08 min
 Lab File: BF088926.D
 Acq: 12 Jul 2016 16:23

Instrument :
 BNA_F
 ClientSampled :
 SS-1

Tot Ion:330 Resp: 59223
 Ion Ratio Lower Upper
 330 100
 332 99.0 0.0 0.0#
 141 7.0 0.0 0.0#

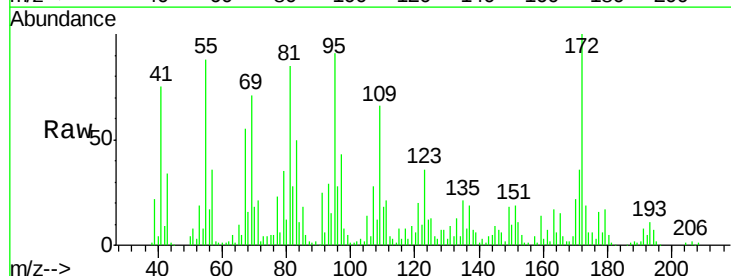


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

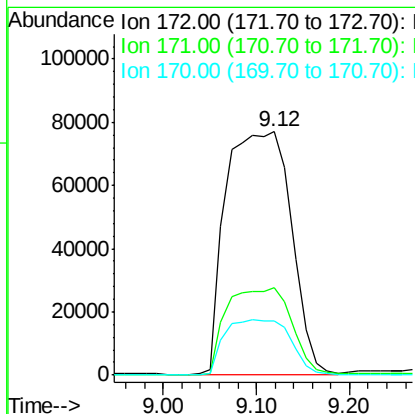
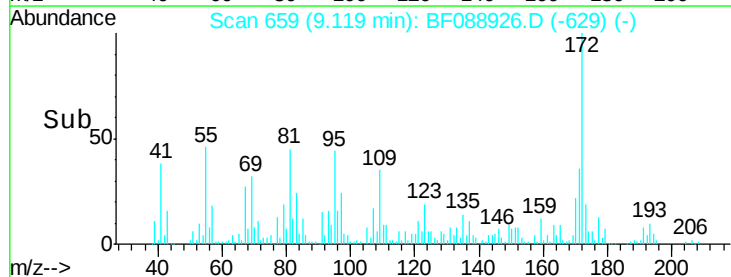


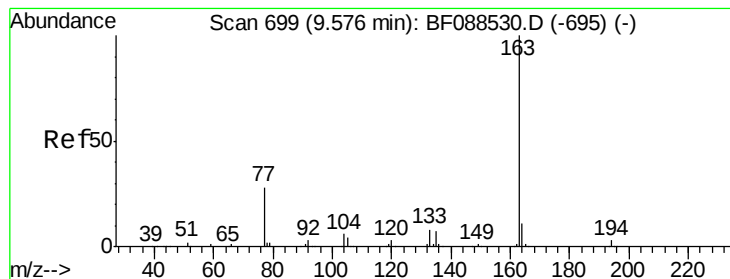
#44
 2-Fluorobiphenyl
 Concen: 93.72 ng
 RT: 9.12 min Scan# 659
 Delta R.T. 0.05 min
 Lab File: BF088926.D
 Acq: 12 Jul 2016 16:23

Tgt Ion:172 Resp: 373662
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 22.5 19.2 28.8



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





#49

Dimethylphthalate

Concen: 47.44 ng

RT: 9.51 min Scan# 693

Delta R.T. 0.02 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

Instrument :

BNA_F

ClientSampleId :

SS-1

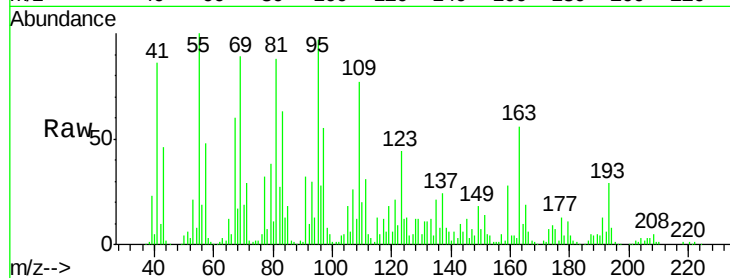
Tot Ion:163 Resp: 212860

Ion Ratio Lower Upper

163 100

194 14.9 2.8 4.2#

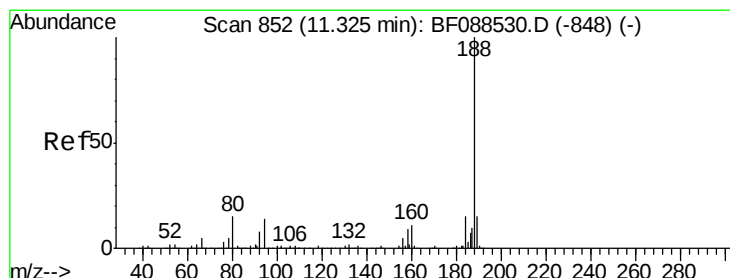
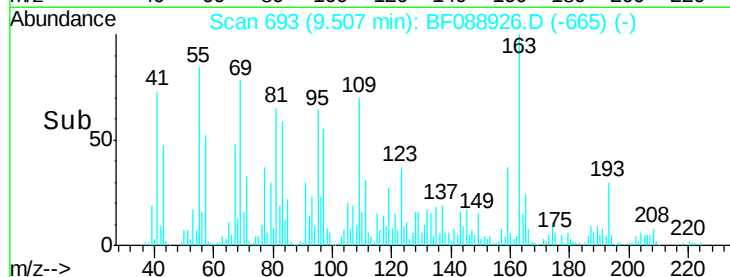
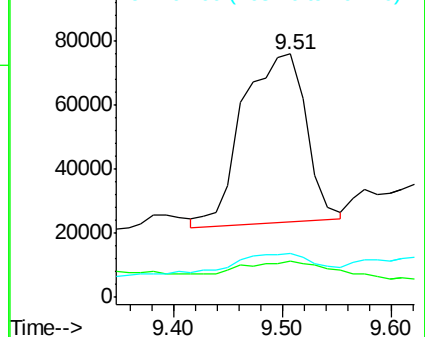
164 17.8 8.3 12.5#



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: 11.34 min Scan# 853

Delta R.T. 0.11 min

Lab File: BF088926.D

Acq: 12 Jul 2016 16:23

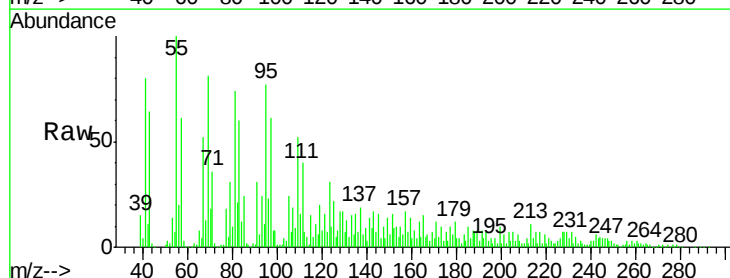
Tgt Ion:188 Resp: 62985

Ion Ratio Lower Upper

188 100

94 168.7 9.0 13.6#

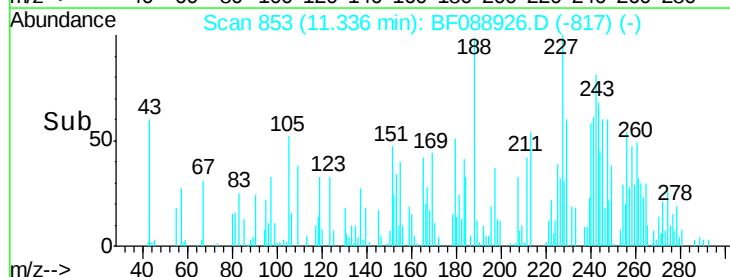
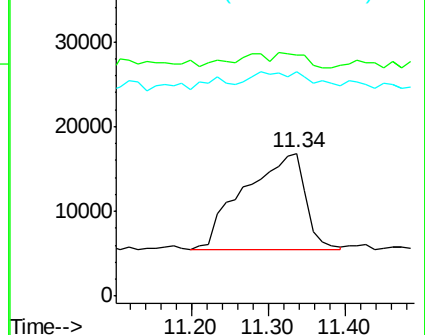
80 157.0 10.0 15.0#

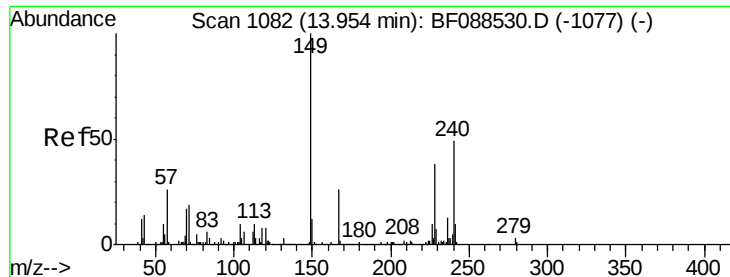


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

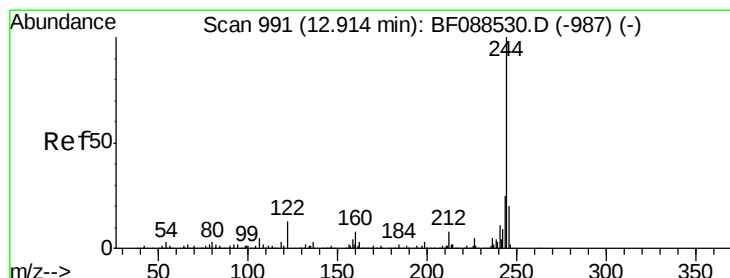
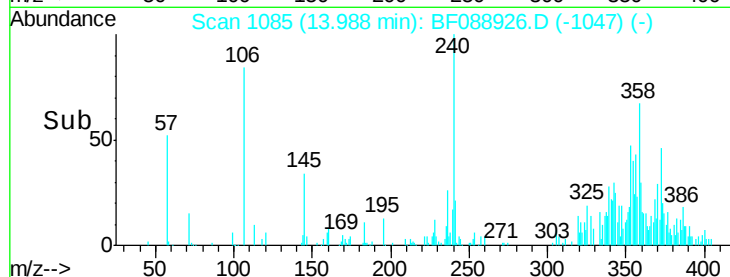
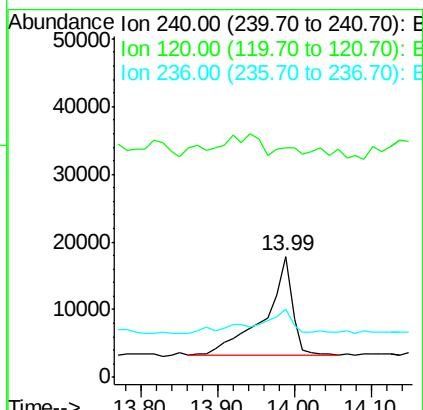
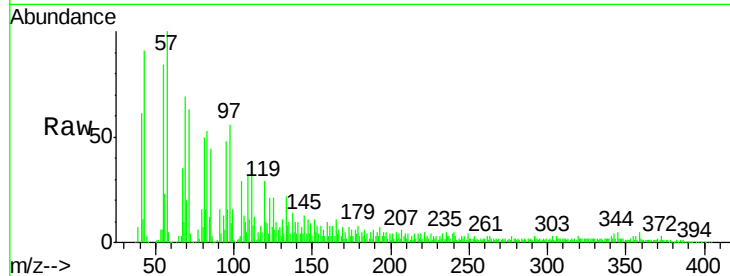




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1085
Delta R.T. 0.14 min
Lab File: BF088926.D
Acq: 12 Jul 2016 16:23

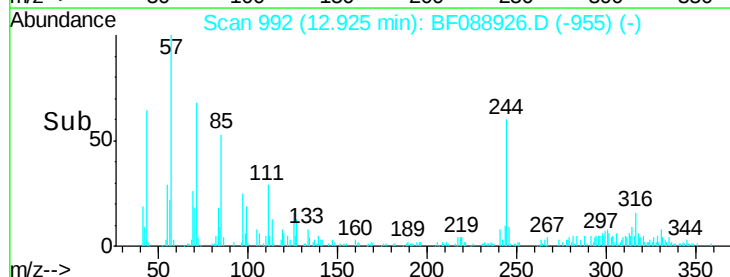
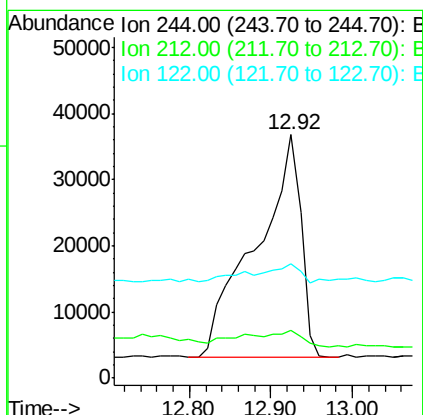
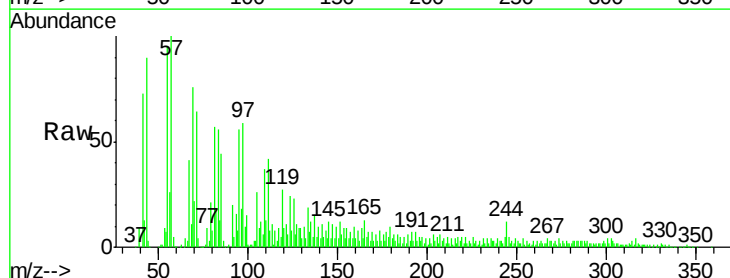
Instrument :
BNA_F
ClientSampleId :
SS-1

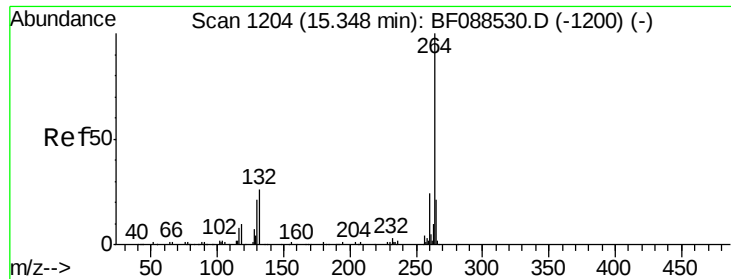
Tot Ion:240 Resp: 36579
Ion Ratio Lower Upper
240 100
120 189.6 6.8 10.2#
236 56.6 20.2 30.2#



#78
Terphenyl-d14
Concen: 78.20 ng
RT: 12.92 min Scan# 992
Delta R.T. 0.13 min
Lab File: BF088926.D
Acq: 12 Jul 2016 16:23

Tgt Ion:244 Resp: 128419
Ion Ratio Lower Upper
244 100
212 19.6 6.0 9.0#
122 46.8 11.2 16.8#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1206
 Delta R.T. 0.16 min
 Lab File: BF088926.D
 Acq: 12 Jul 2016 16:23

Instrument :
 BNA_F
 ClientSampleId :
 SS-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	38.8	19.2	28.8
265	47.2	16.9	25.3

