

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070616\
 Data File : BF088736.D
 Acq On : 6 Jul 2016 14:06
 Operator : UM/SJ
 Sample : H3824-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-56-062716

Quant Time: Jul 06 16:49:50 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 06 16:39:34 2016
 Response via : Initial Calibration

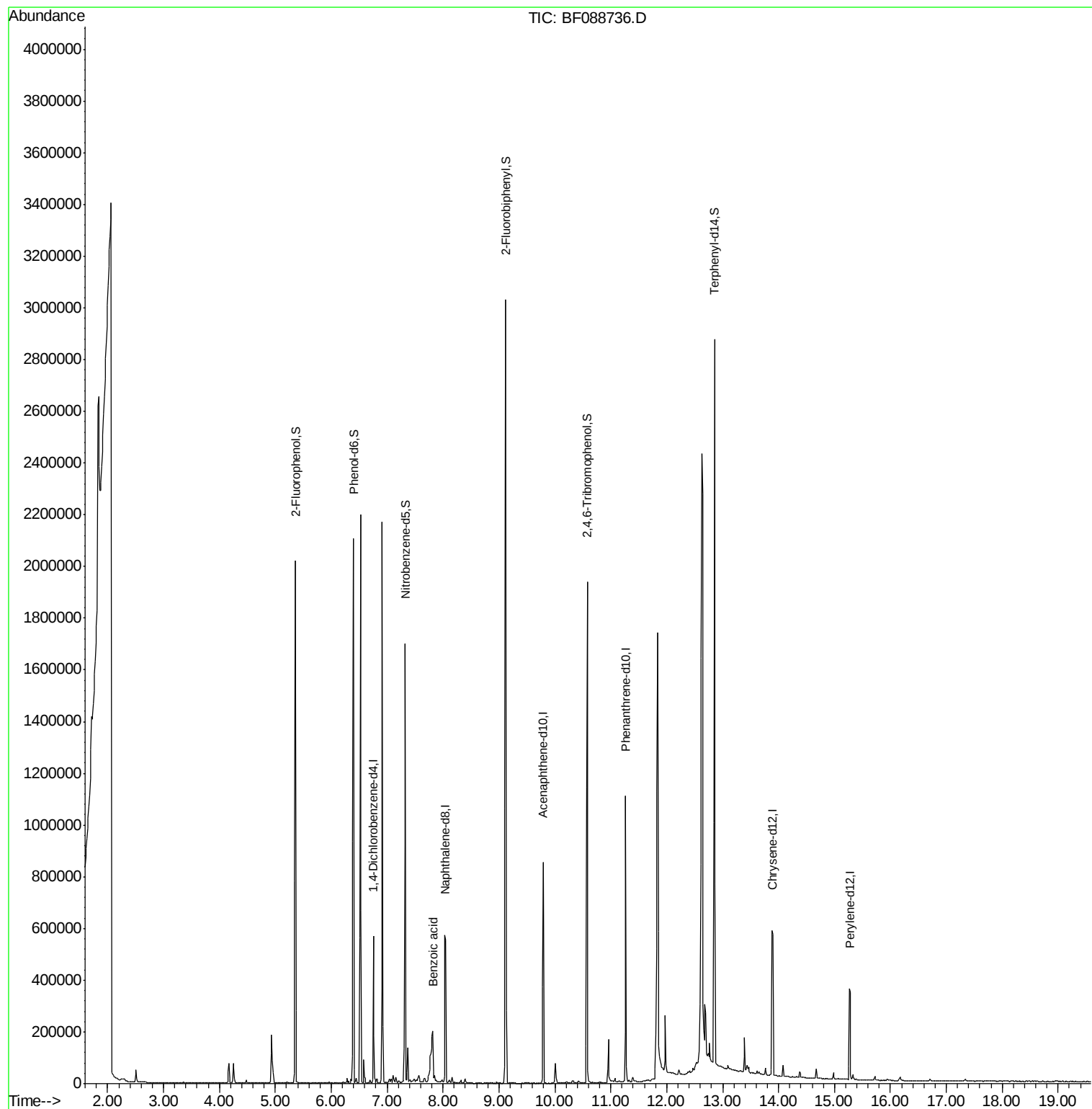
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	83041	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	350661	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	182446	20.00	ng	0.00
63) Phenanthrene-d10	11.27	188	357478	20.00	ng	0.00
75) Chrysene-d12	13.90	240	275260	20.00	ng	0.00
86) Perylene-d12	15.28	264	195199	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	612297	110.51	ng	0.01
7) Phenol-d6	6.40	99	794922	111.03	ng	0.00
23) Nitrobenzene-d5	7.32	82	665227	99.41	ng	0.00
41) 2,4,6-Tribromophenol	10.58	330	272586	160.89	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	980265	84.87	ng	0.00
78) Terphenyl-d14	12.86	244	977549	79.10	ng	0.00
Target Compounds						
32) Benzoic acid	7.82	122	99451	23.77	ng	Qvalue 93

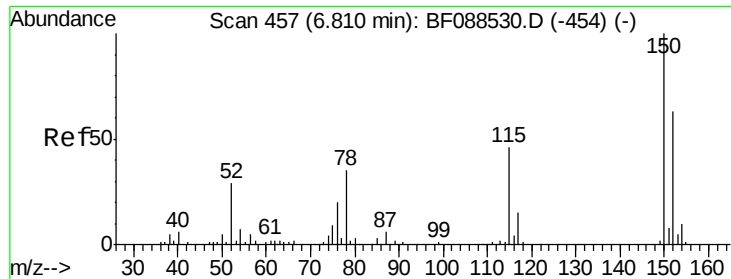
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF088736.D

Acq: 6 Jul 2016 14:06

Instrument :

BNA_F

ClientSampleId :

HSR-WC-56-062716

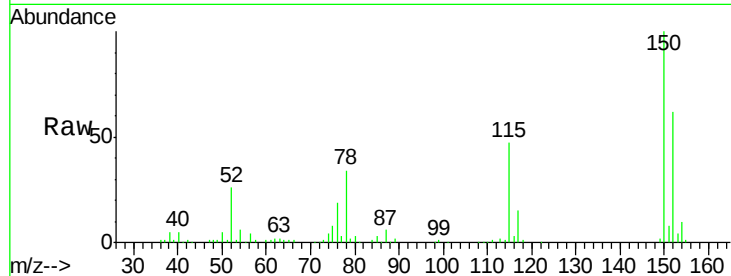
Tgt Ion:152 Resp: 83041

Ion Ratio Lower Upper

152 100

150 162.0 123.8 185.6

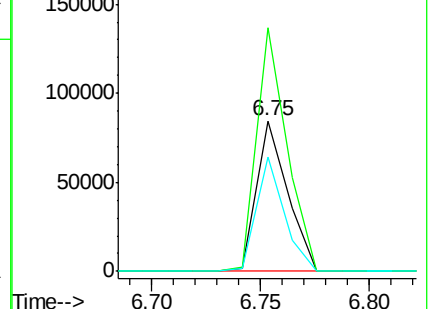
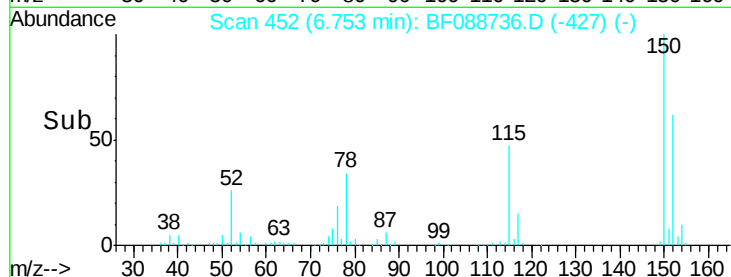
115 76.4 39.6 59.4#



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: 110.51 ng

RT: 5.36 min Scan# 330

Delta R.T. 0.01 min

Lab File: BF088736.D

Acq: 6 Jul 2016 14:06

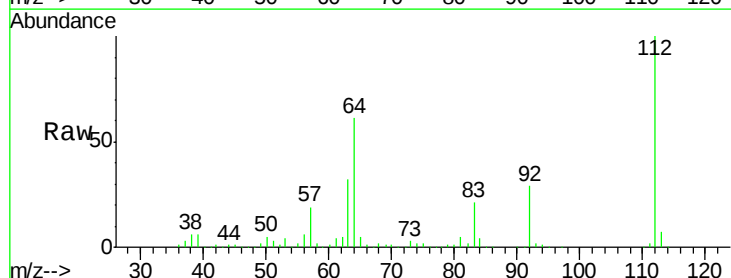
Tgt Ion:112 Resp: 612297

Ion Ratio Lower Upper

112 100

64 60.8 42.2 63.2

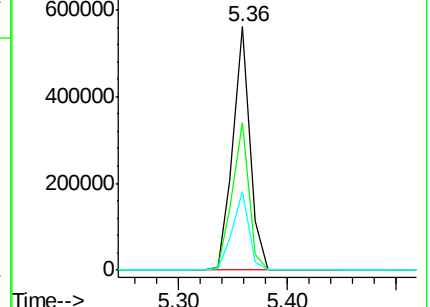
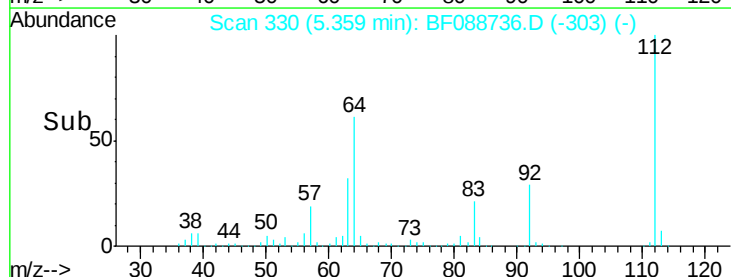
63 32.3 21.8 32.8



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: 111.03 ng

RT: 6.40 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF088736.D

Acq: 6 Jul 2016 14:06

Instrument :

BNA_F

ClientSampleId :

HSR-WC-56-062716

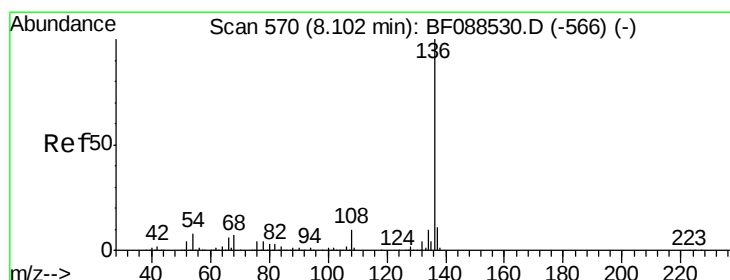
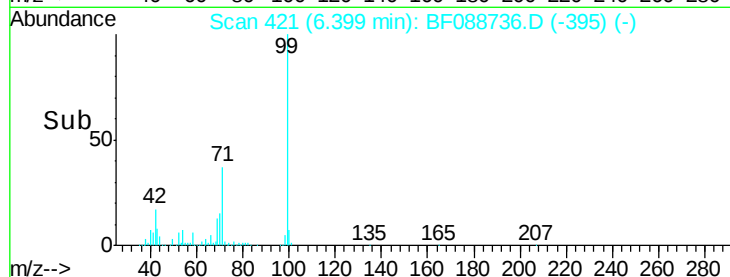
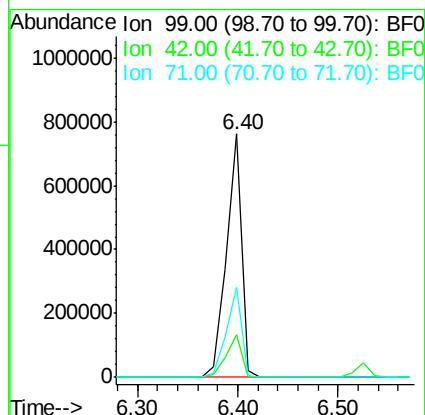
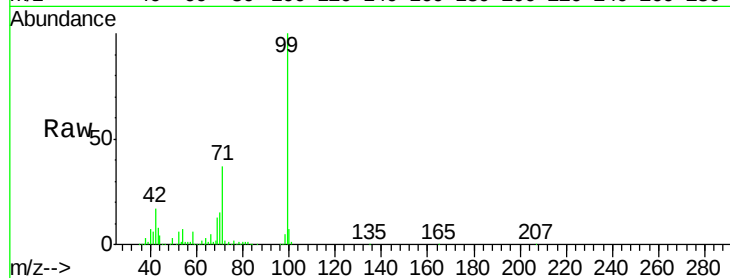
Tgt Ion: 99 Resp: 794922

Ion Ratio Lower Upper

99 100

42 17.4 12.2 18.2

71 37.2 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF088736.D

Acq: 6 Jul 2016 14:06

Tgt Ion: 136 Resp: 350661

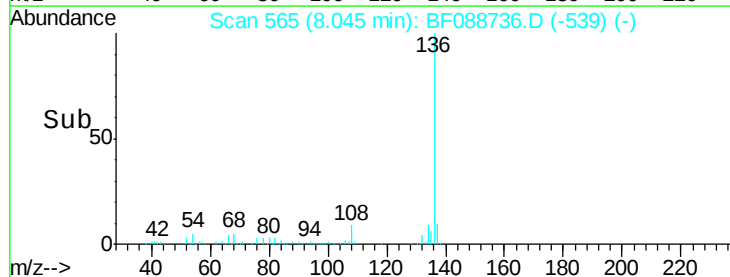
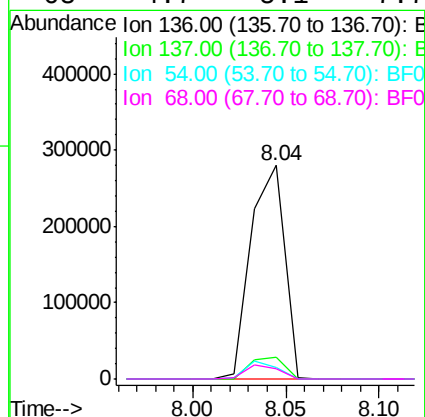
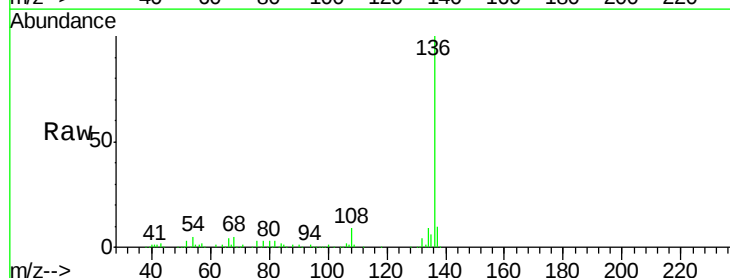
Ion Ratio Lower Upper

136 100

137 10.5 9.1 13.7

54 5.1 6.6 10.0#

68 4.7 5.1 7.7#

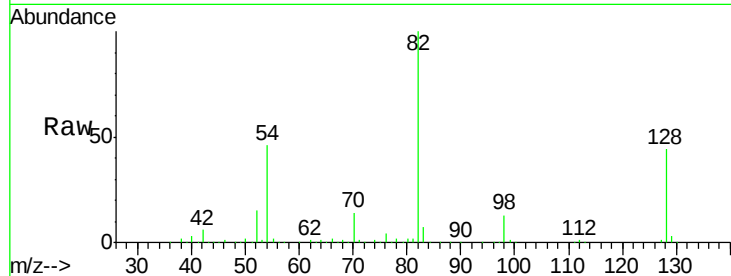




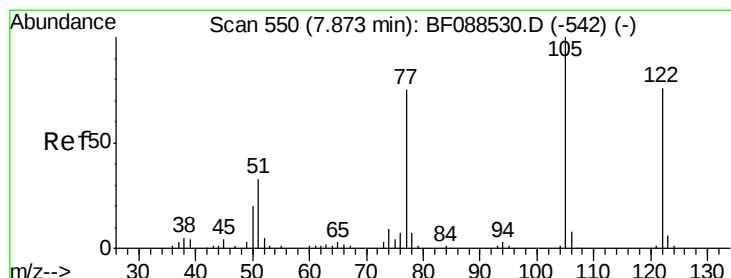
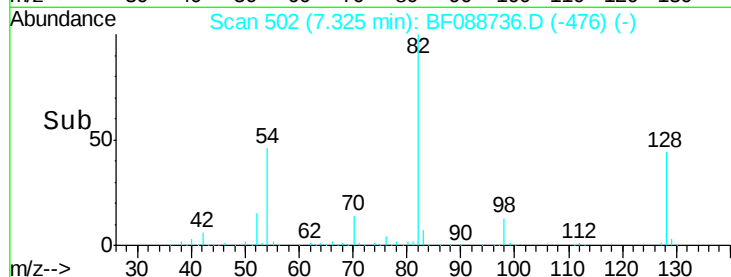
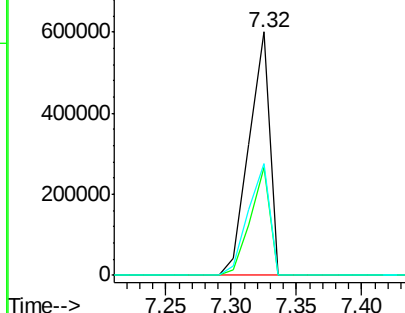
#23
Nitrobenzene-d5
Concen: 99.41 ng
RT: 7.32 min Scan# 502
Delta R.T. 0.00 min
Lab File: BF088736.D
Acq: 6 Jul 2016 14:06

Instrument :
BNA_F
ClientSampleId :
HSR-WC-56-062716

Tgt Ion: 82 Resp: 665227
Ion Ratio Lower Upper
82 100
128 44.4 35.9 53.9
54 45.7 40.9 61.3

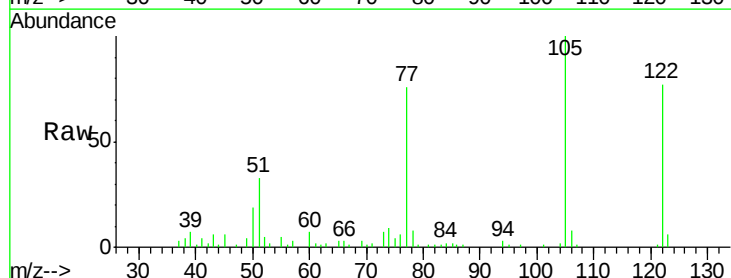


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

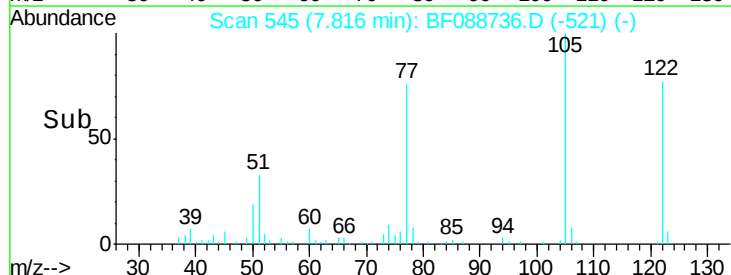
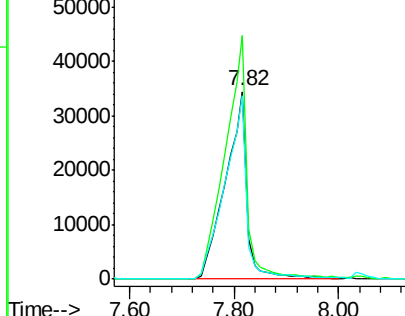


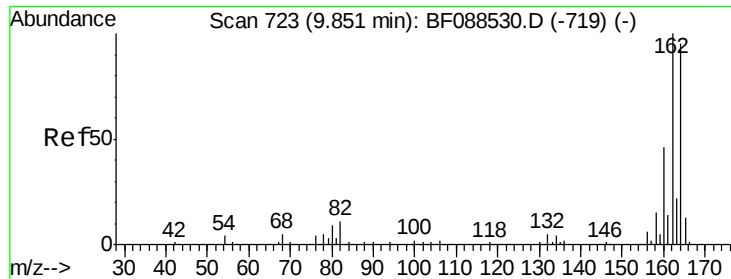
#32
Benzoic acid
Concen: 23.77 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.02 min
Lab File: BF088736.D
Acq: 6 Jul 2016 14:06

Tgt Ion: 122 Resp: 99451
Ion Ratio Lower Upper
122 100
105 129.6 101.6 141.6
77 98.0 70.6 110.6



Abundance Ion 122.00 (121.70 to 122.70): B
Ion 105.00 (104.70 to 105.70): B
Ion 77.00 (76.70 to 77.70): BF0

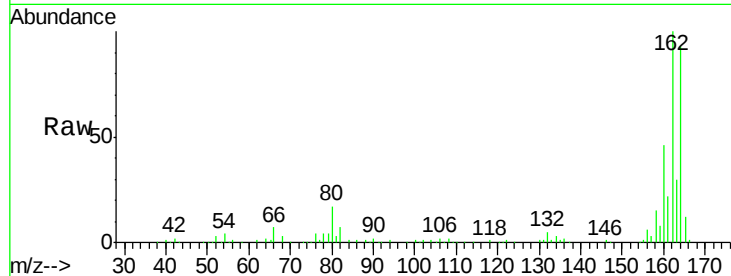




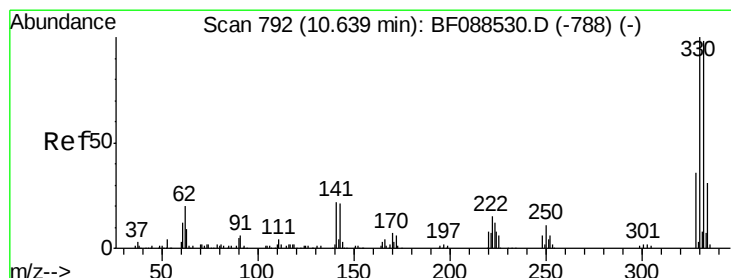
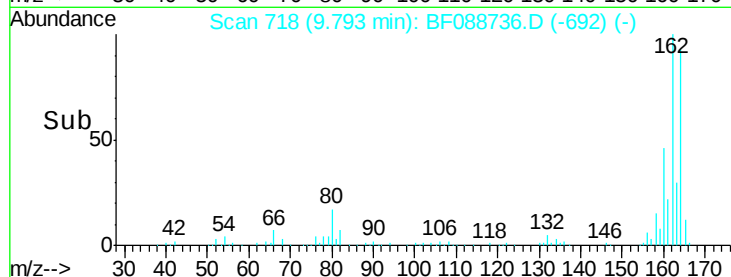
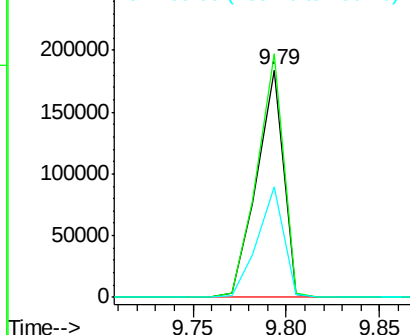
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: BF088736.D
 Acq: 6 Jul 2016 14:06

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-56-062716

Tgt Ion:164 Resp: 182446
 Ion Ratio Lower Upper
 164 100
 162 107.0 85.4 128.2
 160 48.7 39.5 59.3

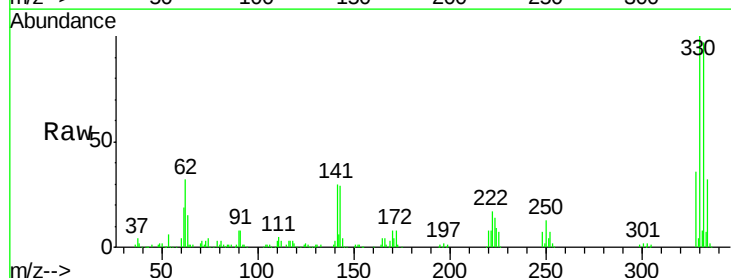


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

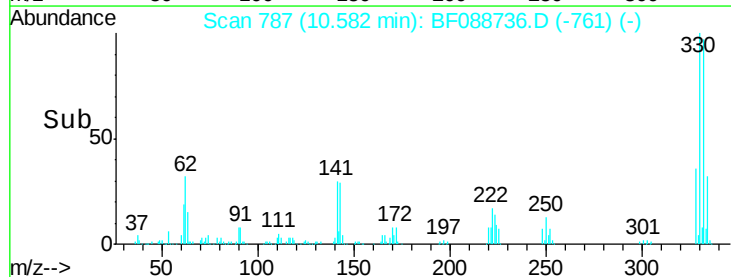
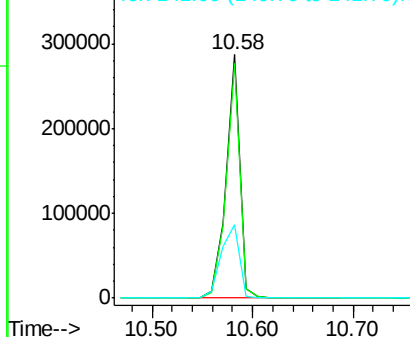


#41
 2,4,6-Tribromophenol
 Concen: 160.89 ng
 RT: 10.58 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF088736.D
 Acq: 6 Jul 2016 14:06

Tgt Ion:330 Resp: 272586
 Ion Ratio Lower Upper
 330 100
 332 96.6 0.0 0.0#
 141 39.8 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

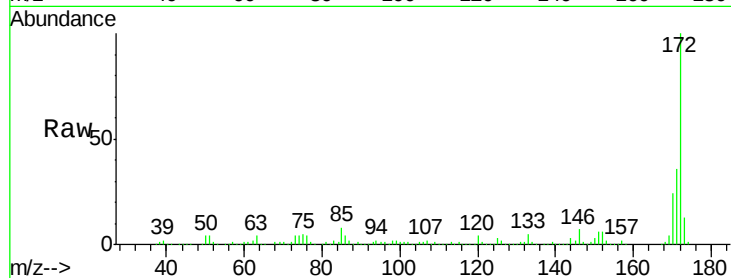




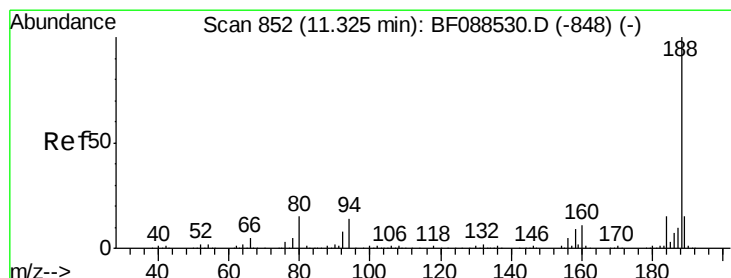
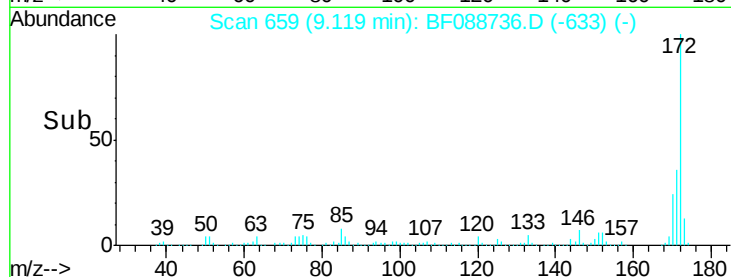
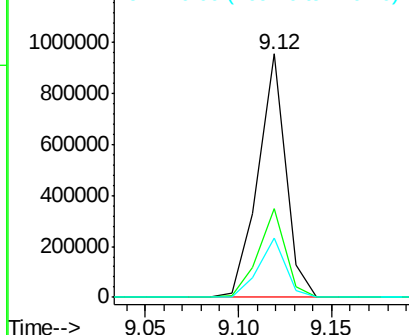
#44
 2-Fluorobiphenyl
 Concen: 84.87 ng
 RT: 9.12 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF088736.D
 Acq: 6 Jul 2016 14:06

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-56-062716

Tgt Ion:172 Resp: 980265
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.6 43.0
 170 24.5 19.2 28.8

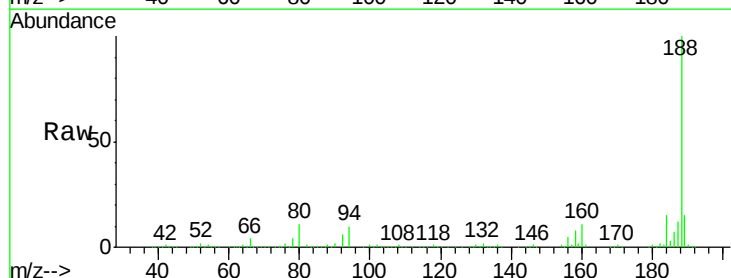


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

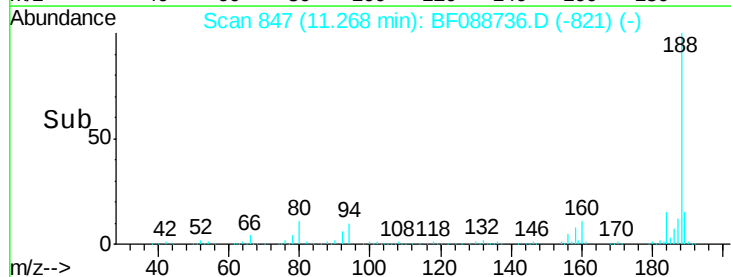
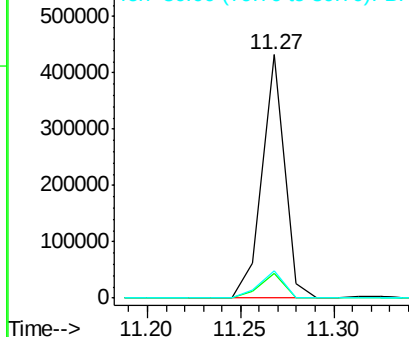


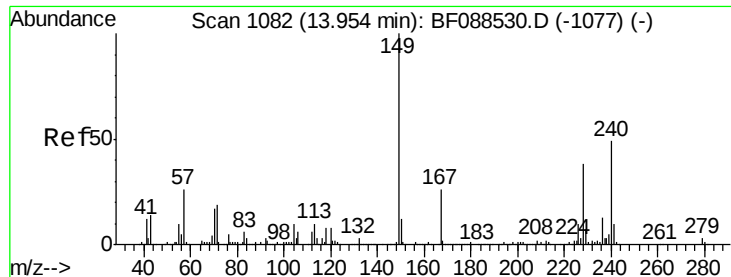
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.27 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF088736.D
 Acq: 6 Jul 2016 14:06

Tgt Ion:188 Resp: 357478
 Ion Ratio Lower Upper
 188 100
 94 10.3 9.0 13.6
 80 11.4 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: 13.90 min Scan# 1077

Delta R.T. 0.00 min

Lab File: BF088736.D

Acq: 6 Jul 2016 14:06

Instrument :

BNA_F

ClientSampleId :

HSR-WC-56-062716

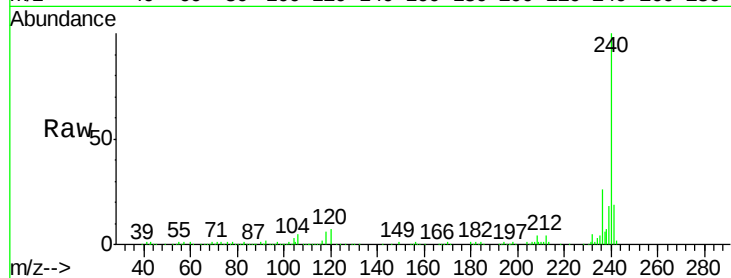
Tgt Ion:240 Resp: 275260

Ion Ratio Lower Upper

240 100

120 7.1 6.8 10.2

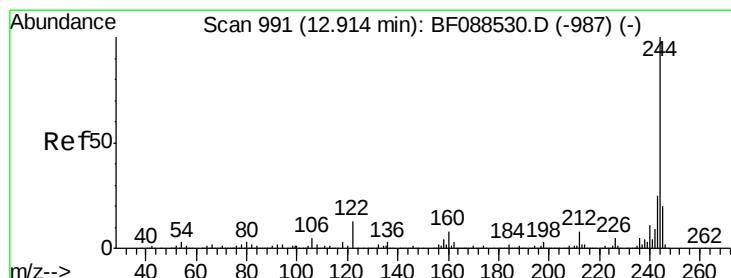
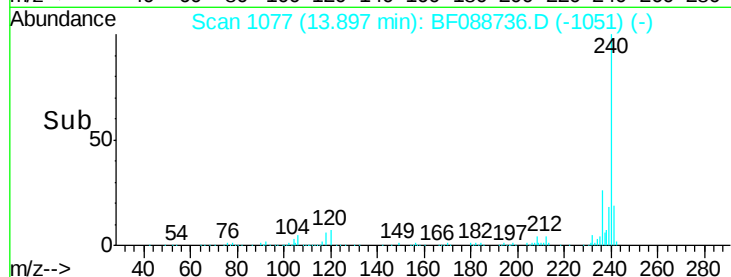
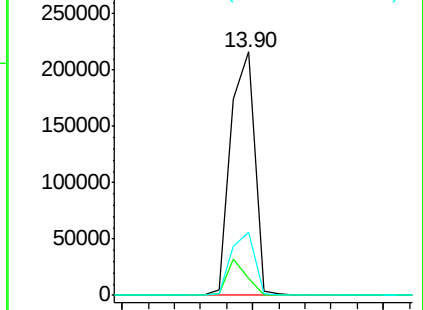
236 25.8 20.2 30.2



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: 79.10 ng

RT: 12.86 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF088736.D

Acq: 6 Jul 2016 14:06

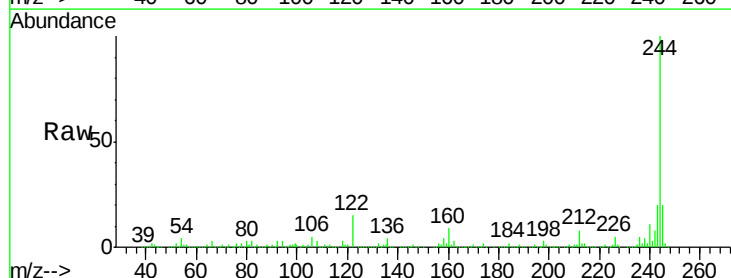
Tgt Ion:244 Resp: 977549

Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

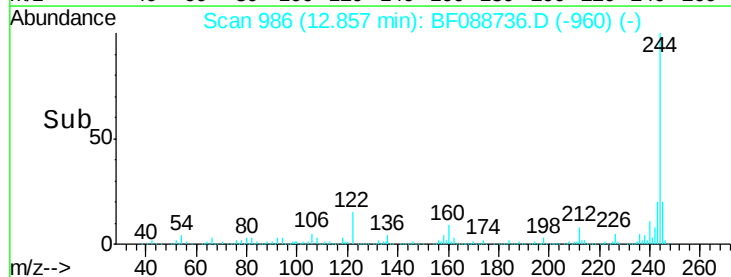
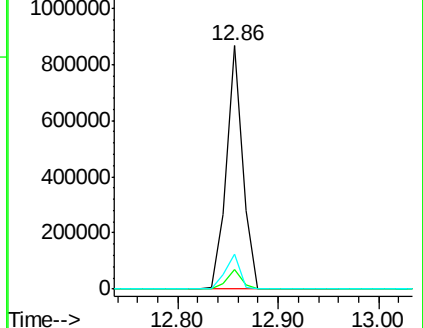
122 14.6 11.2 16.8

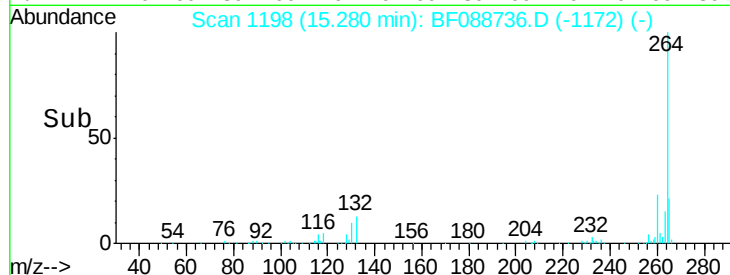
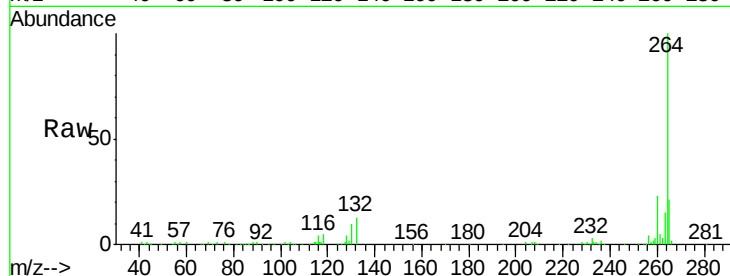
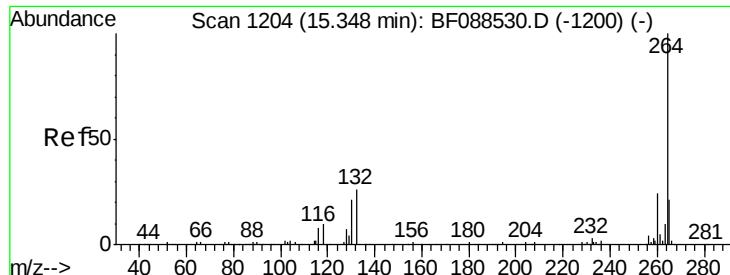


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BF088736.D
Acq: 6 Jul 2016 14:06

Instrument :
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ClientSampleId :
HSR-WC-56-062716

Tgt Ion:	264	Resp:	195199
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.9	16.9	25.3

