

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062616\
 Data File : BF088447.D
 Acq On : 27 Jun 2016 10:55
 Operator : UM/SJ
 Sample : H3694-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-54-062016

Quant Time: Jun 27 19:27:49 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 19:14:18 2016
 Response via : Initial Calibration

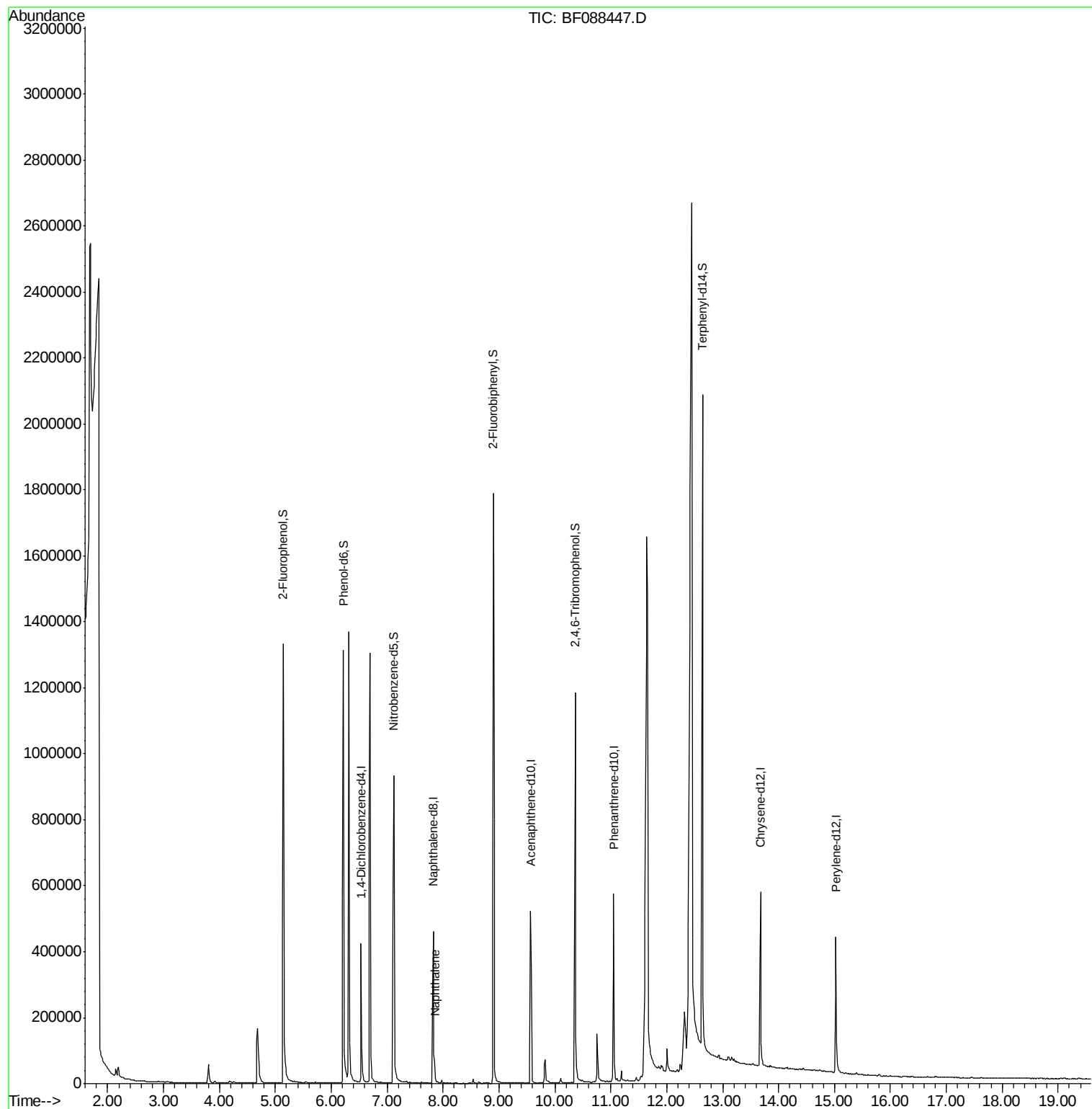
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	77740	20.00	ng	-0.01
21) Naphthalene-d8	7.83	136	310530	20.00	ng	-0.01
38) Acenaphthene-d10	9.56	164	142685	20.00	ng	-0.02
63) Phenanthrene-d10	11.05	188	290306	20.00	ng	-0.01
75) Chrysene-d12	13.68	240	249516	20.00	ng	-0.01
86) Perylene-d12	15.03	264	201755	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	537847	118.28	ng	0.01
7) Phenol-d6	6.22	99	655446	118.93	ng	-0.02
23) Nitrobenzene-d5	7.12	82	457408	86.01	ng	-0.02
41) 2,4,6-Tribromophenol	10.36	330	179005	118.81	ng	-0.01
44) 2-Fluorobiphenyl	8.90	172	796953	87.93	ng	-0.02
78) Terphenyl-d14	12.64	244	763688	69.65	ng	0.00
Target Compounds						
31) Naphthalene	7.85	128	48024	3.13	ng	Qvalue 96

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF088447.D

Acq: 27 Jun 2016 10:55

Instrument :

BNA_F

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HSR-WC-54-062016

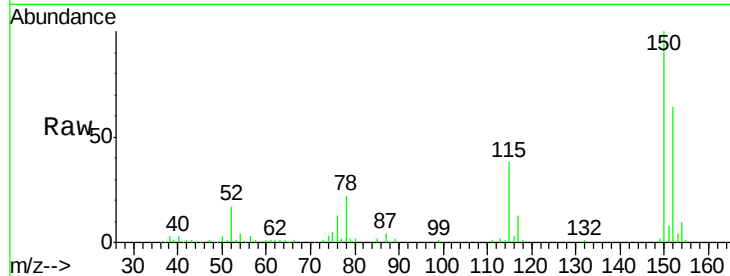
Tgt Ion:152 Resp: 77740

Ion Ratio Lower Upper

152 100

150 157.4 123.8 185.6

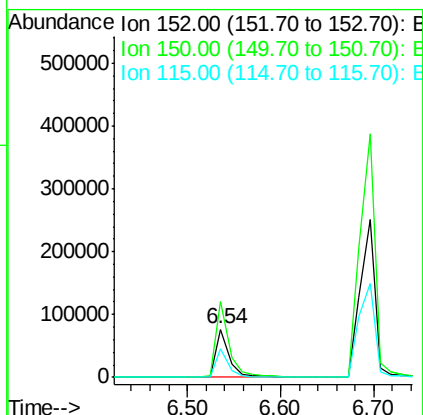
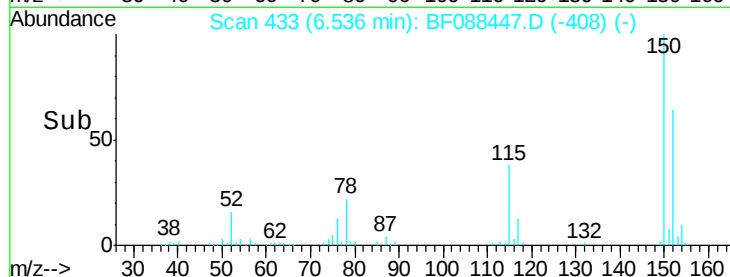
115 59.7 39.6 59.4#



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: 118.28 ng

RT: 5.14 min Scan# 311

Delta R.T. 0.01 min

Lab File: BF088447.D

Acq: 27 Jun 2016 10:55

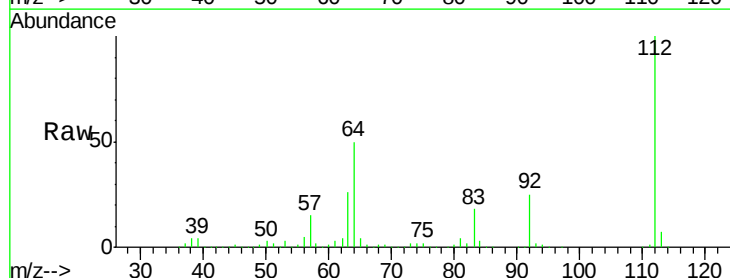
Tgt Ion:112 Resp: 537847

Ion Ratio Lower Upper

112 100

64 50.4 42.2 63.2

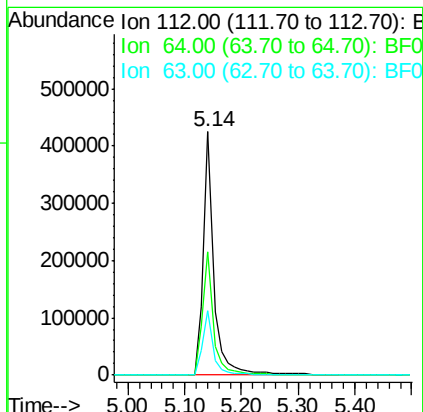
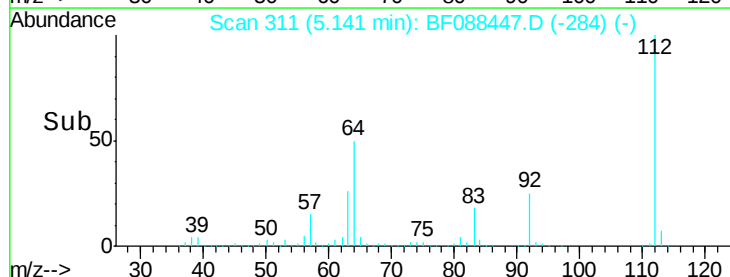
63 26.5 21.8 32.8



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: 118.93 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.02 min

Lab File: BF088447.D

Acq: 27 Jun 2016 10:55

Instrument :

BNA_F

ClientSampleId :

HSR-WC-54-062016

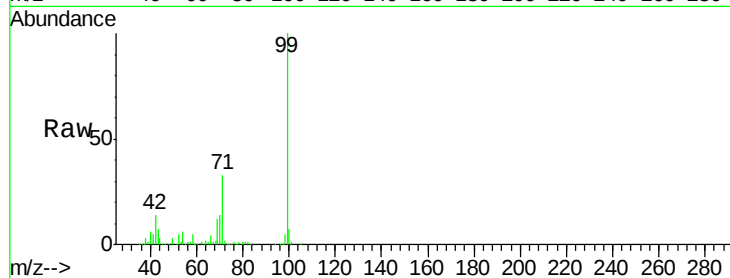
Tgt Ion: 99 Resp: 655446

Ion Ratio Lower Upper

99 100

42 14.2 12.2 18.2

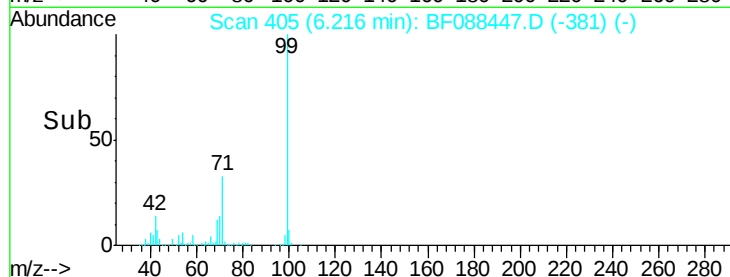
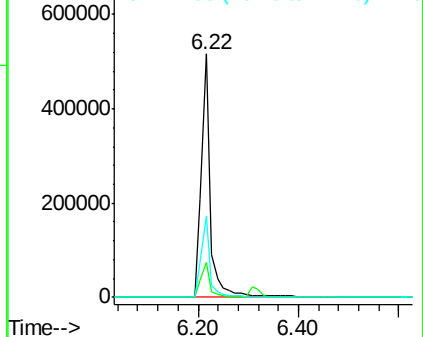
71 33.4 23.4 35.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF088447.D

Acq: 27 Jun 2016 10:55

Tgt Ion: 136 Resp: 310530

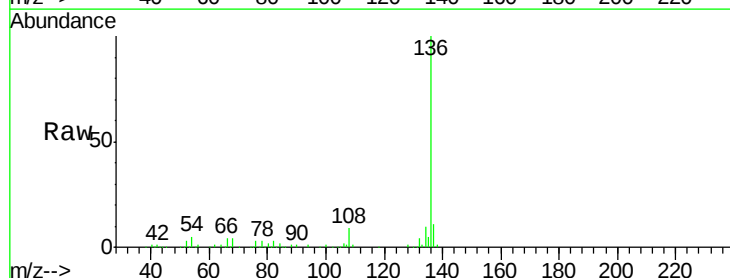
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 5.0 6.6 10.0#

68 4.2 5.1 7.7#

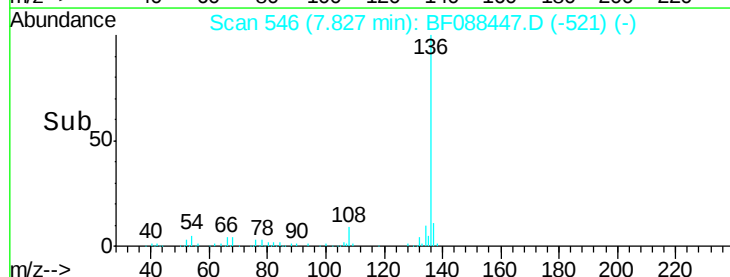
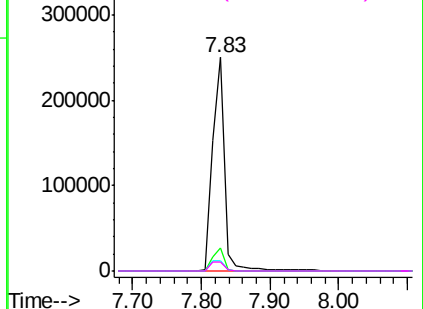


Abundance Ion 136.00 (135.70 to 136.70): E

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

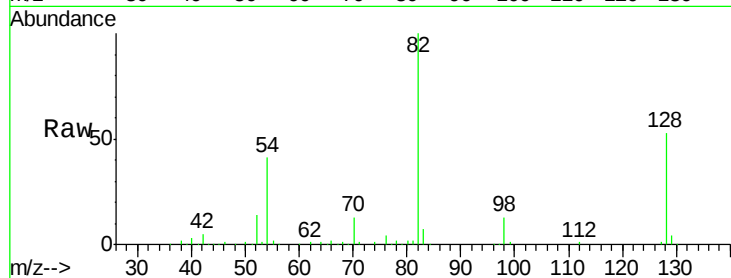




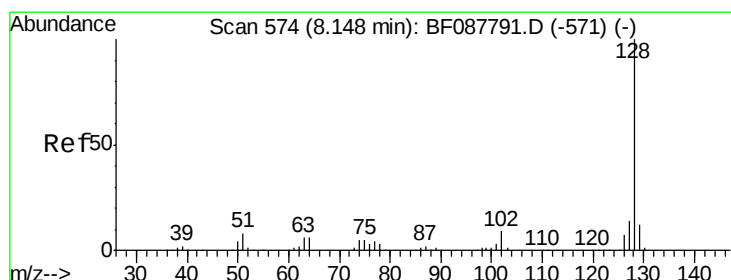
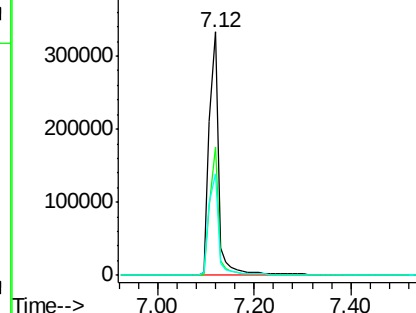
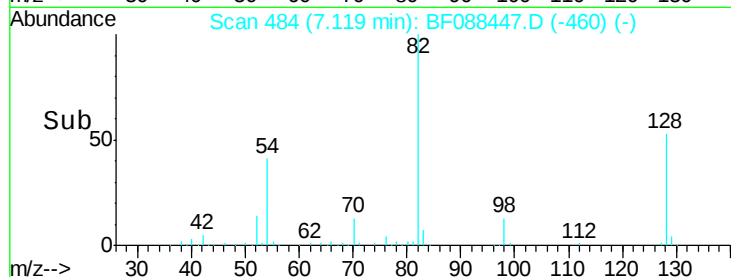
#23
Nitrobenzene-d5
Concen: 86.01 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.02 min
Lab File: BF088447.D
Acq: 27 Jun 2016 10:55

Instrument :
BNA_F
ClientSampleId :
HSR-WC-54-062016

Tgt Ion: 82 Resp: 457408
Ion Ratio Lower Upper
82 100
128 53.0 35.9 53.9
54 41.5 40.9 61.3

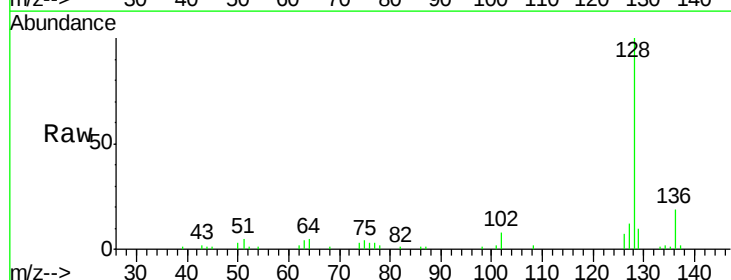


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

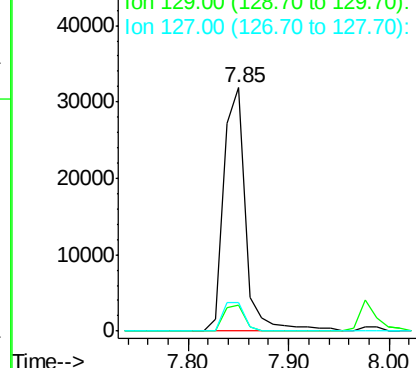
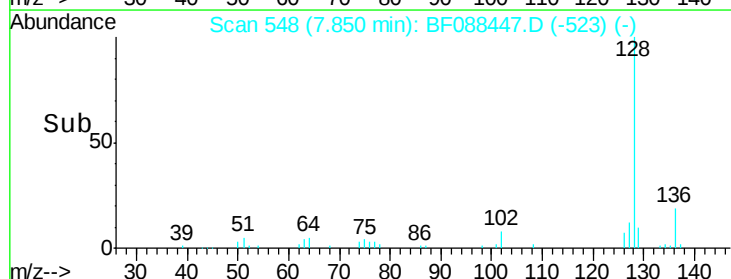


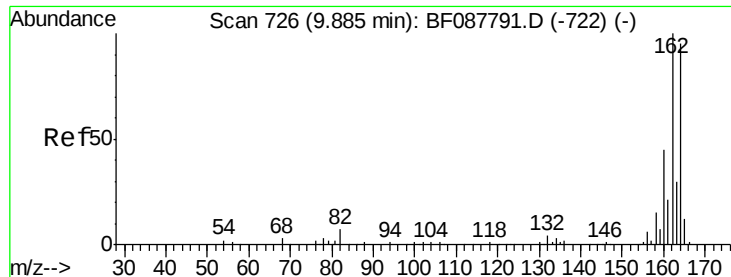
#31
Naphthalene
Concen: 3.13 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF088447.D
Acq: 27 Jun 2016 10:55

Tgt Ion: 128 Resp: 48024
Ion Ratio Lower Upper
128 100
129 10.5 9.4 14.2
127 11.8 10.9 16.3



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.02 min

Lab File: BF088447.D

Acq: 27 Jun 2016 10:55

Instrument :

BNA_F

ClientSampleId :

HSR-WC-54-062016

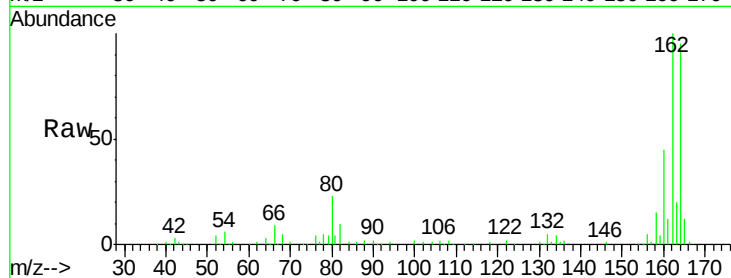
Tgt Ion:164 Resp: 142685

Ion Ratio Lower Upper

164 100

162 105.3 85.4 128.2

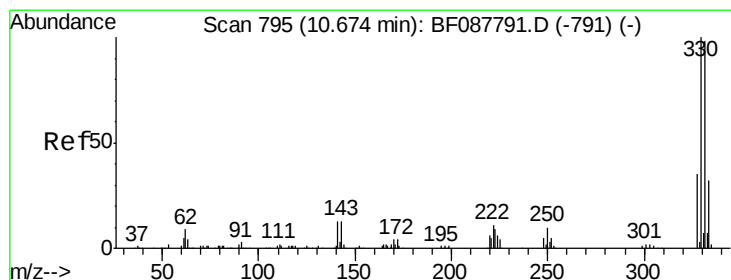
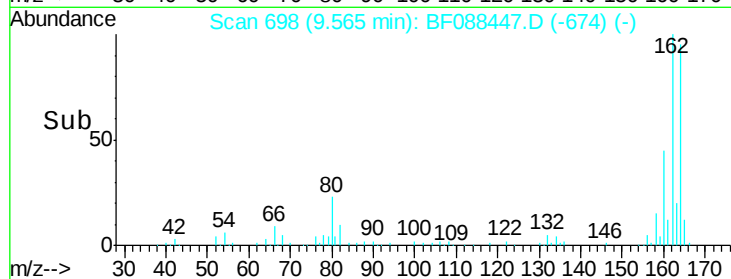
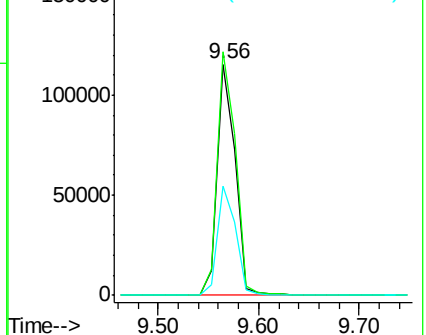
160 47.3 39.5 59.3



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: 118.81 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF088447.D

Acq: 27 Jun 2016 10:55

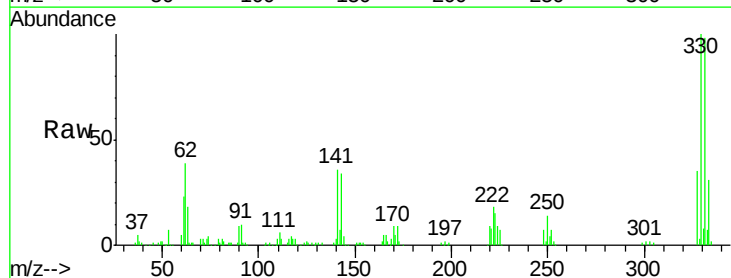
Tgt Ion:330 Resp: 179005

Ion Ratio Lower Upper

330 100

332 96.7 0.0 0.0#

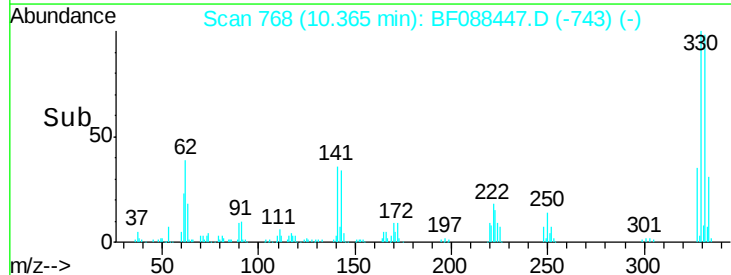
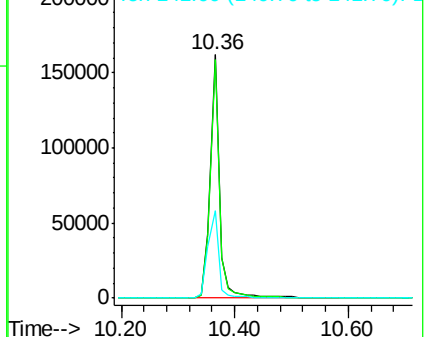
141 41.6 0.0 0.0#



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

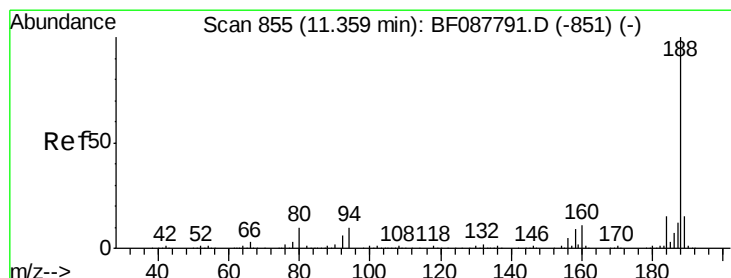
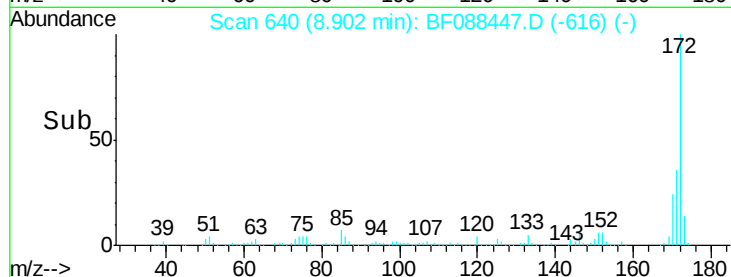
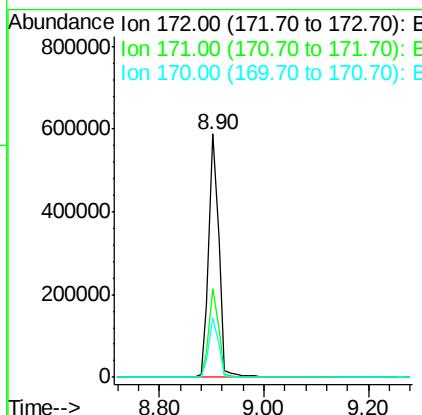
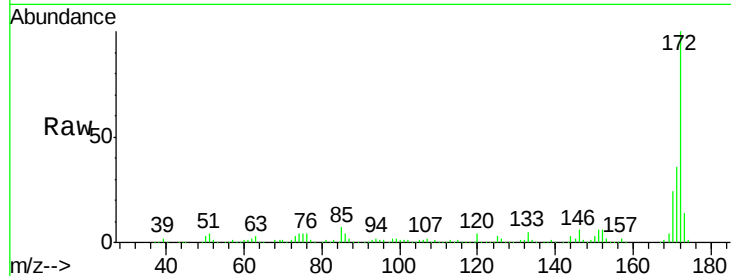




#44
 2-Fluorobiphenyl
 Concen: 87.93 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.02 min
 Lab File: BF088447.D
 Acq: 27 Jun 2016 10:55

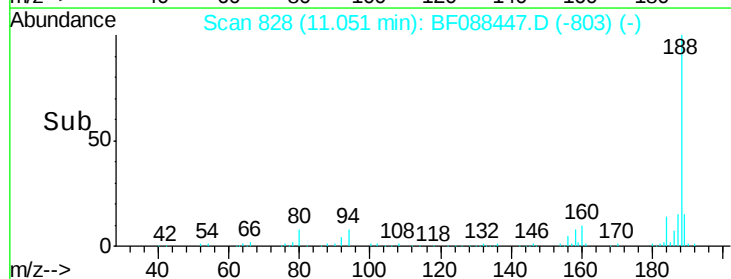
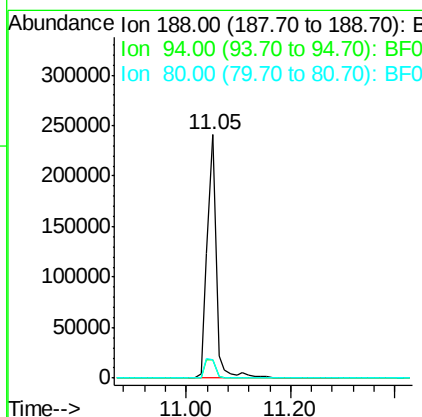
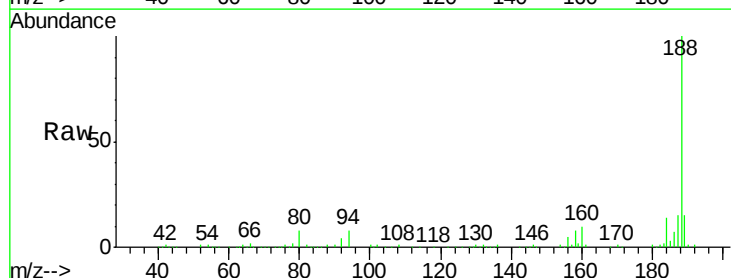
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-54-062016

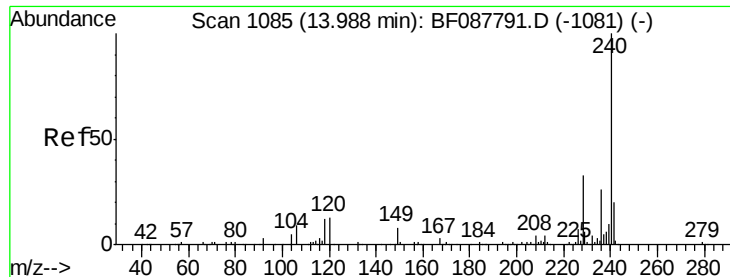
Tgt Ion:172 Resp: 796953
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 24.3 19.2 28.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.05 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF088447.D
 Acq: 27 Jun 2016 10:55

Tgt Ion:188 Resp: 290306
 Ion Ratio Lower Upper
 188 100
 94 7.5 9.0 13.6#
 80 7.7 10.0 15.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.68 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF088447.D

Acq: 27 Jun 2016 10:55

Instrument :

BNA_F

ClientSampleId :

HSR-WC-54-062016

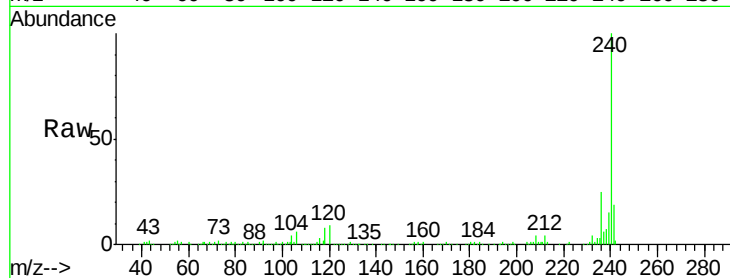
Tgt Ion:240 Resp: 249516

Ion Ratio Lower Upper

240 100

120 9.2 6.8 10.2

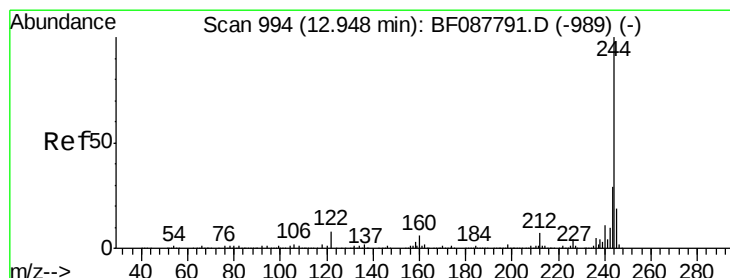
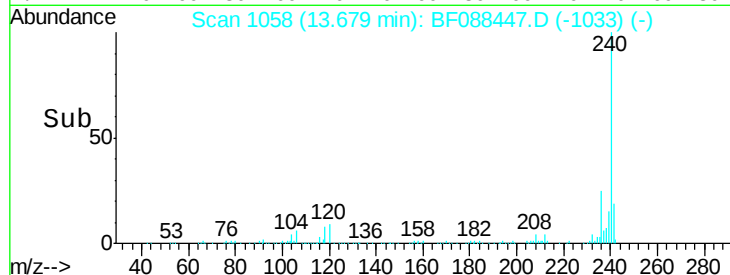
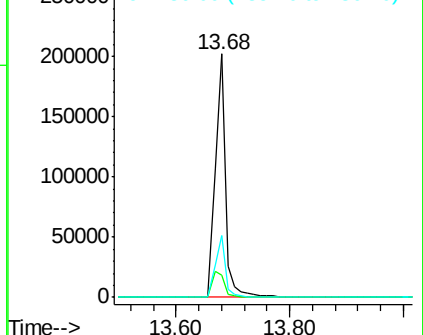
236 25.5 20.2 30.2



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: 69.65 ng

RT: 12.64 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF088447.D

Acq: 27 Jun 2016 10:55

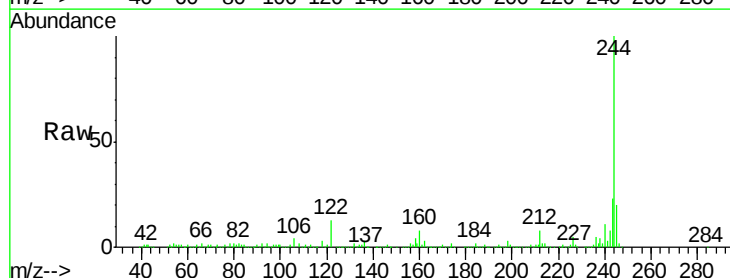
Tgt Ion:244 Resp: 763688

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

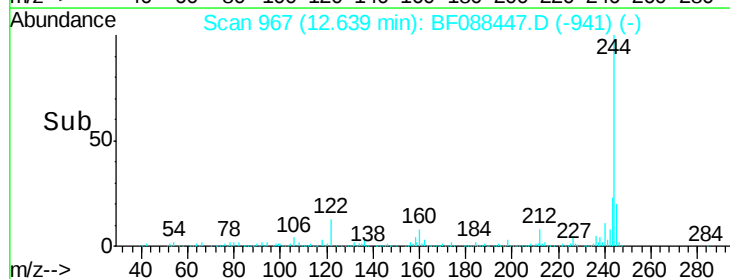
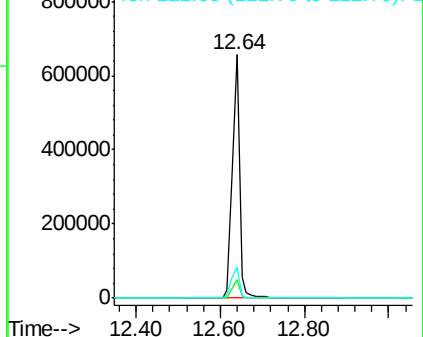
122 12.8 11.2 16.8

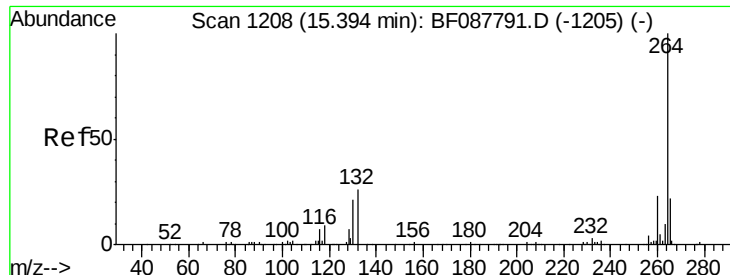


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.03 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF088447.D

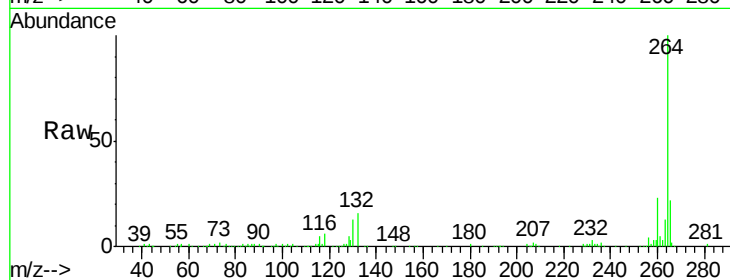
Acq: 27 Jun 2016 10:55

Instrument :

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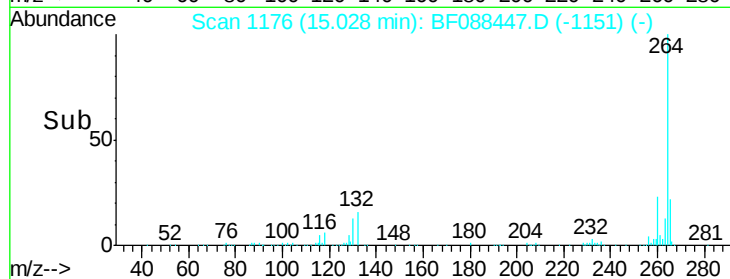
Tgt Ion: 264 Resp: 201755

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.9 16.9 25.3



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

