

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050116\
 Data File : BF086580.D
 Acq On : 1 May 2016 19:48
 Operator : UM/SJ
 Sample : H2683-16
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-13(6-17FTBGS)

Quant Time: May 02 04:30:23 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

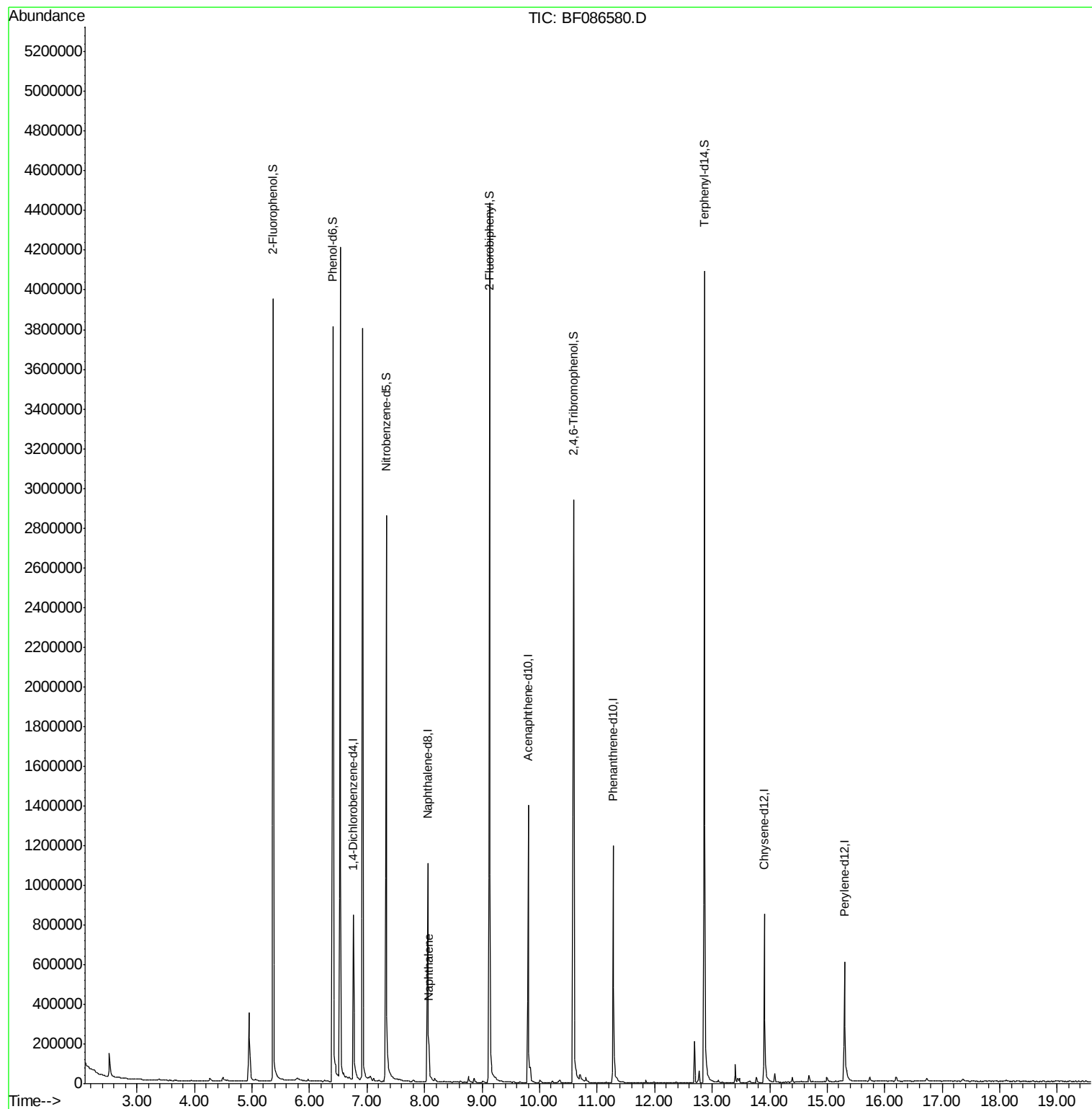
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	142005	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	608861	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	293094	20.00	ng	-0.05
63) Phenanthrene-d10	11.28	188	545489	20.00	ng	-0.05
75) Chrysene-d12	13.91	240	376298	20.00	ng	-0.06
86) Perylene-d12	15.30	264	326895	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1057372	128.43	ng	-0.02
7) Phenol-d6	6.41	99	1343581	116.93	ng	-0.03
23) Nitrobenzene-d5	7.33	82	1046211	92.62	ng	-0.05
41) 2,4,6-Tribromophenol	10.59	330	408790	132.26	ng	-0.05
44) 2-Fluorobiphenyl	9.13	172	1534335	93.59	ng	-0.05
78) Terphenyl-d14	12.87	244	1471184	86.13	ng	-0.05
Target Compounds						
31) Naphthalene	8.08	128	107930	3.48	ng	Qvalue 99

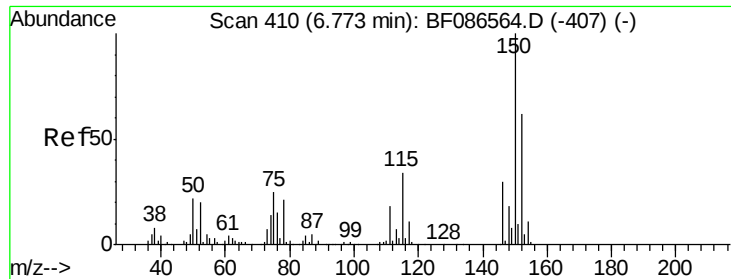
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.05 min

Lab File: BF086580.D

Acq: 1 May 2016 19:48

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BNA_F

ClientSampleId :

26WARD-2A-CS-13(6-17FTBGS)

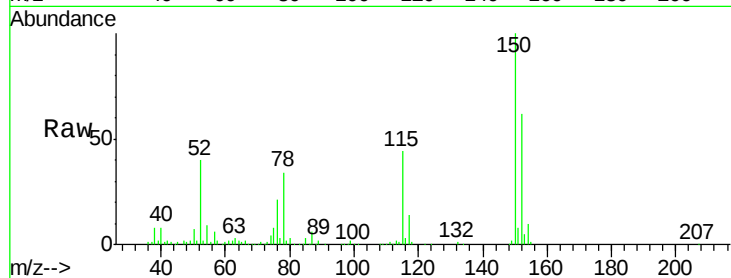
Tgt Ion:152 Resp: 142005

Ion Ratio Lower Upper

152 100

150 160.7 125.8 188.6

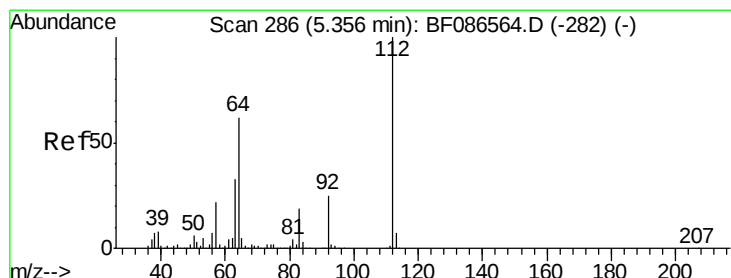
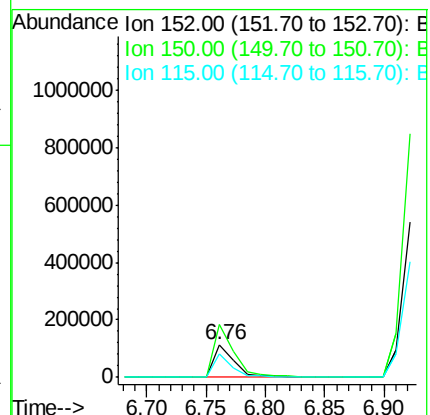
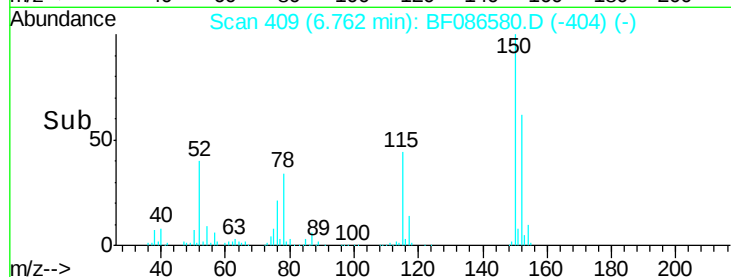
115 70.9 51.5 77.3



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: 128.43 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.02 min

Lab File: BF086580.D

Acq: 1 May 2016 19:48

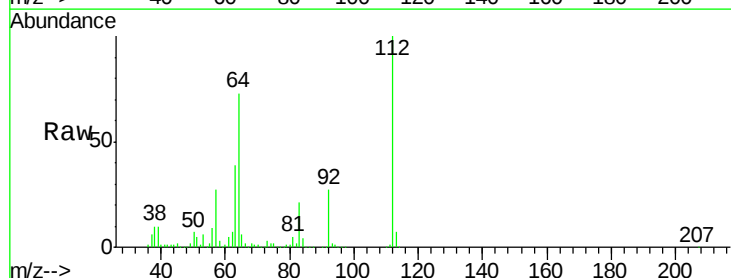
Tgt Ion:112 Resp: 1057372

Ion Ratio Lower Upper

112 100

64 72.5 52.1 78.1

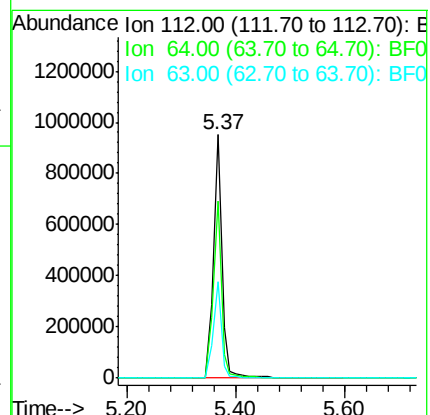
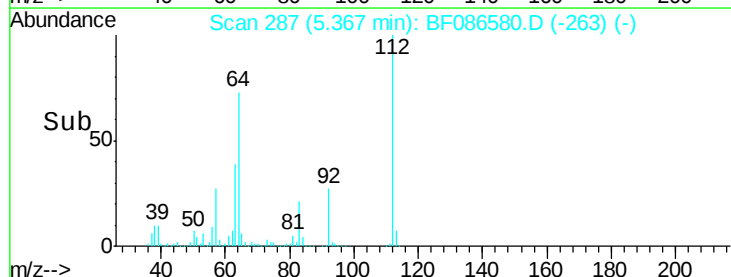
63 39.4 25.7 38.5#



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: 116.93 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086580.D

Acq: 1 May 2016 19:48

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-13(6-17FTBGS)

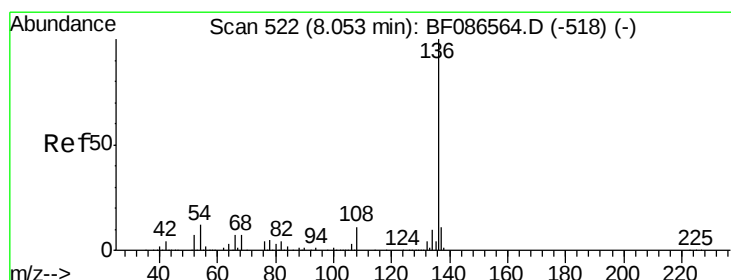
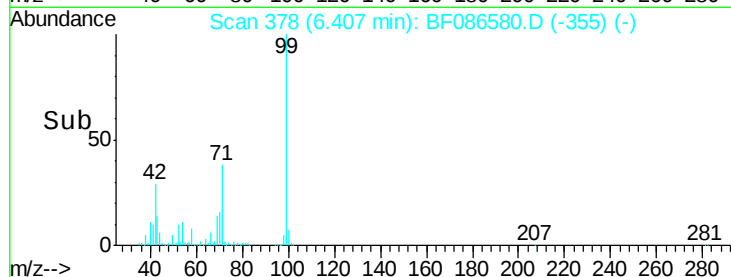
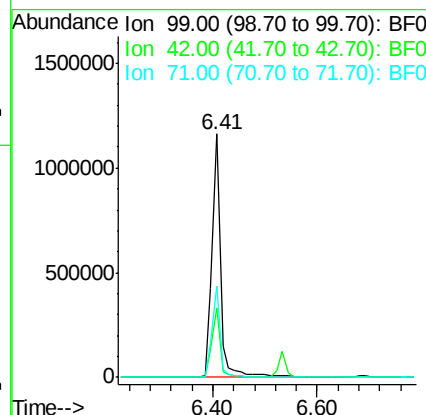
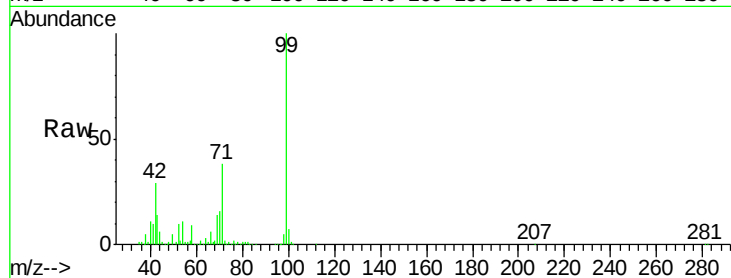
Tgt Ion: 99 Resp: 1343581

Ion Ratio Lower Upper

99 100

42 28.7 13.6 20.4#

71 37.7 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.05 min

Lab File: BF086580.D

Acq: 1 May 2016 19:48

Tgt Ion: 136 Resp: 608861

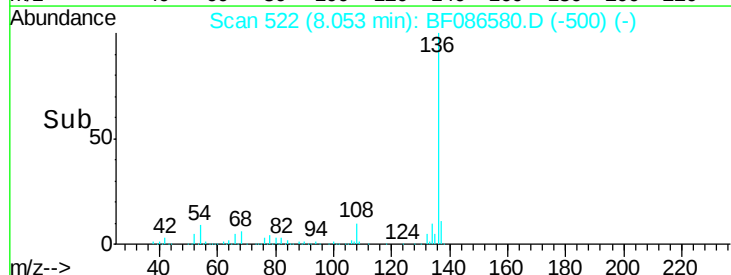
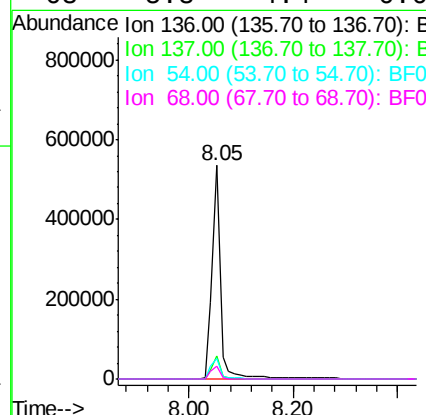
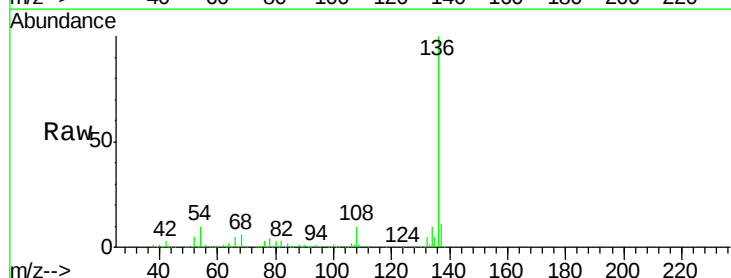
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 9.7 5.0 7.4#

68 5.8 4.4 6.6

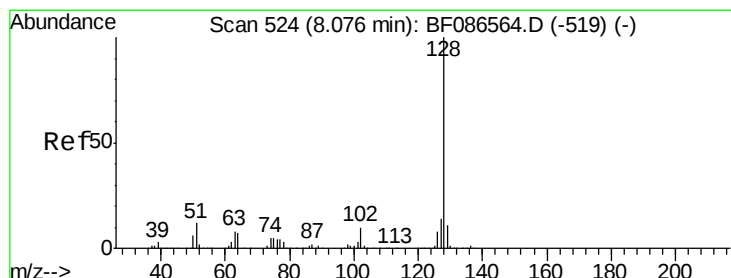
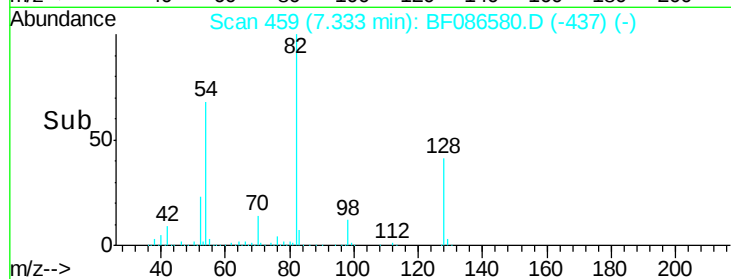
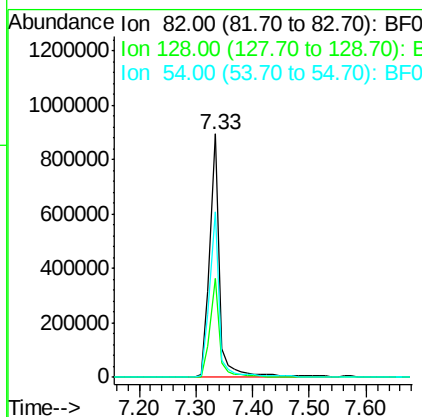
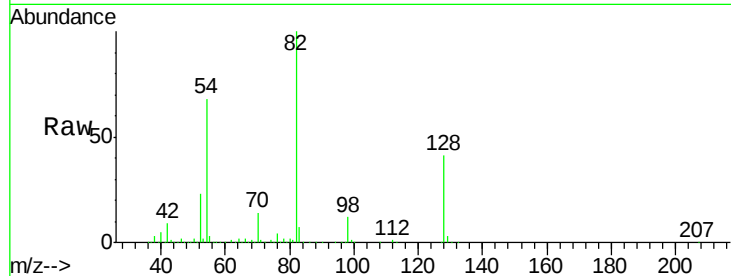




#23
 Nitrobenzene-d5
 Concen: 92.62 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.05 min
 Lab File: BF086580.D
 Acq: 1 May 2016 19:48

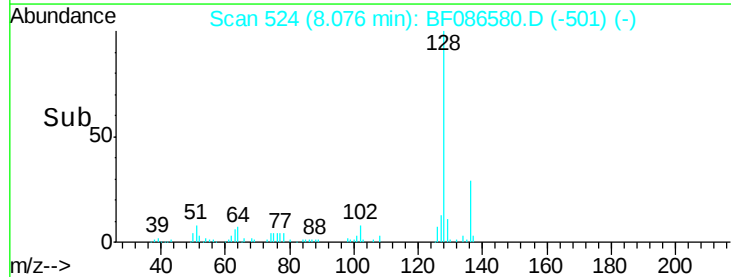
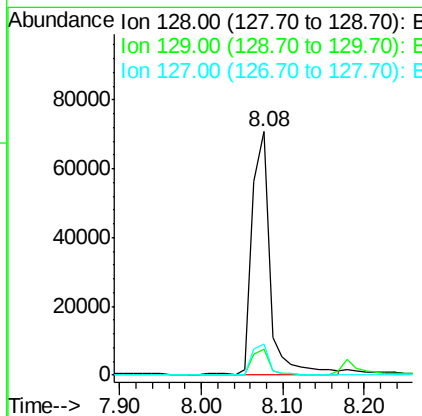
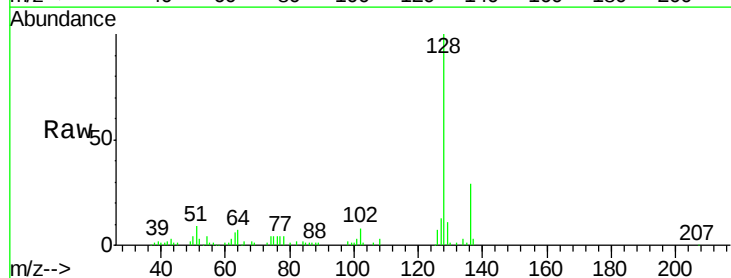
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-13(6-17FTBGS)

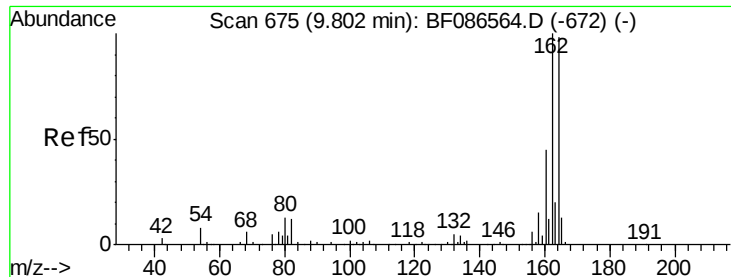
Tgt Ion: 82 Resp: 1046211
 Ion Ratio Lower Upper
 82 100
 128 40.5 40.6 61.0#
 54 67.9 38.1 57.1#



#31
 Naphthalene
 Concen: 3.48 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.03 min
 Lab File: BF086580.D
 Acq: 1 May 2016 19:48

Tgt Ion: 128 Resp: 107930
 Ion Ratio Lower Upper
 128 100
 129 10.8 8.6 13.0
 127 13.0 10.8 16.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.05 min

Lab File: BF086580.D

Acq: 1 May 2016 19:48

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-13(6-17FTBGS)

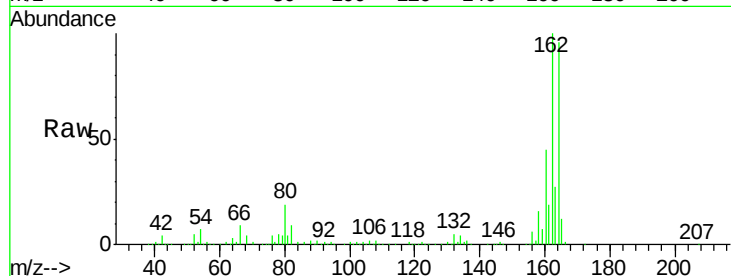
Tgt Ion:164 Resp: 293094

Ion Ratio Lower Upper

164 100

162 104.3 82.8 124.2

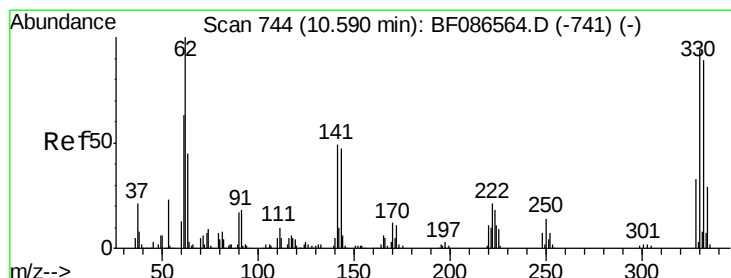
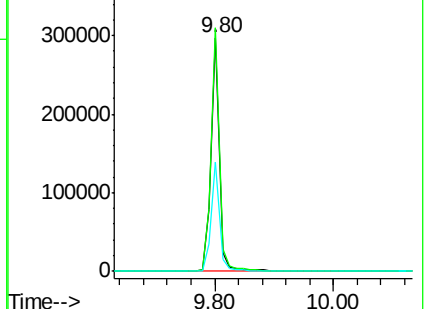
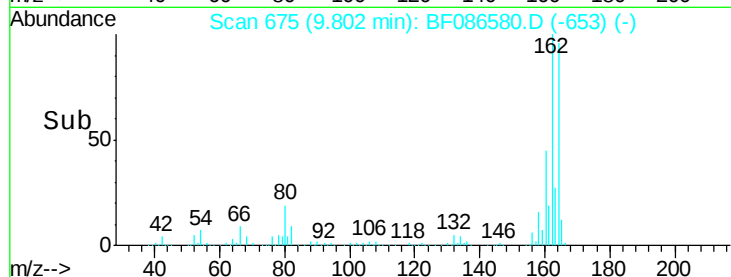
160 46.9 36.9 55.3



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: 132.26 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.05 min

Lab File: BF086580.D

Acq: 1 May 2016 19:48

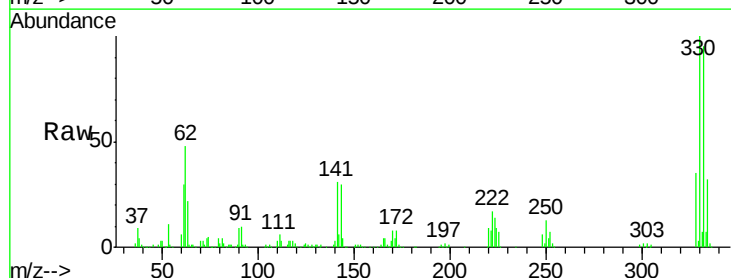
Tgt Ion:330 Resp: 408790

Ion Ratio Lower Upper

330 100

332 94.6 79.0 118.4

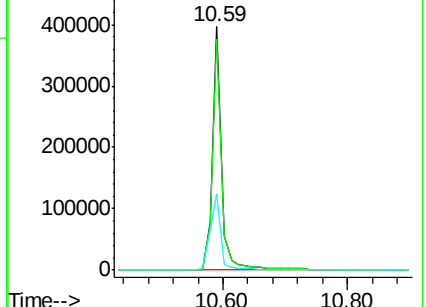
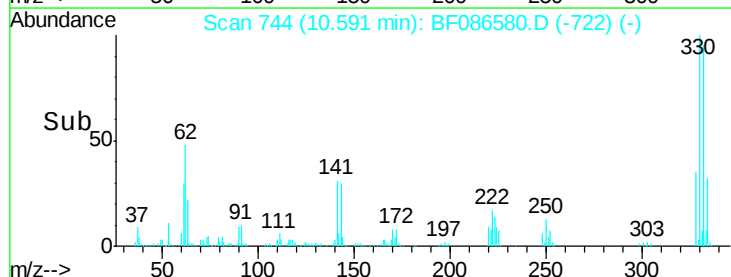
141 37.7 31.2 46.8

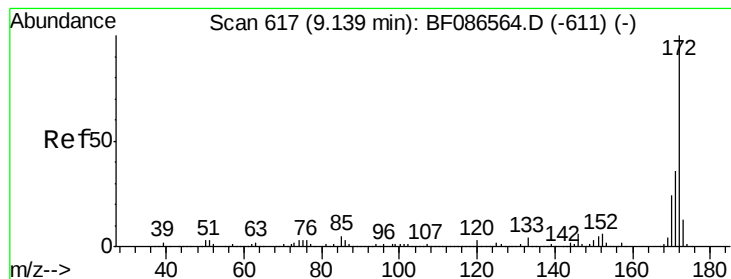


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 93.59 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.05 min

Lab File: BF086580.D

Acq: 1 May 2016 19:48

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-13(6-17FTBGS)

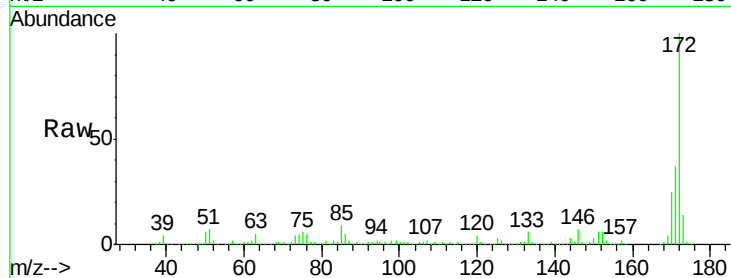
Tgt Ion:172 Resp: 1534335

Ion Ratio Lower Upper

172 100

171 36.6 29.0 43.6

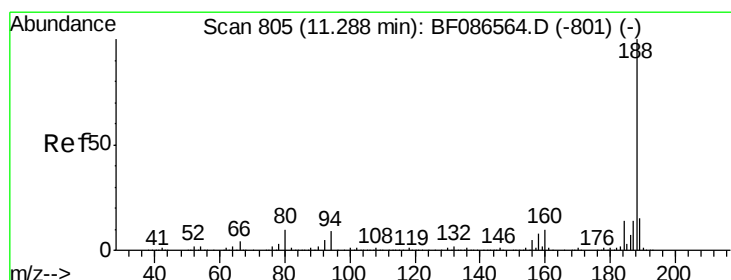
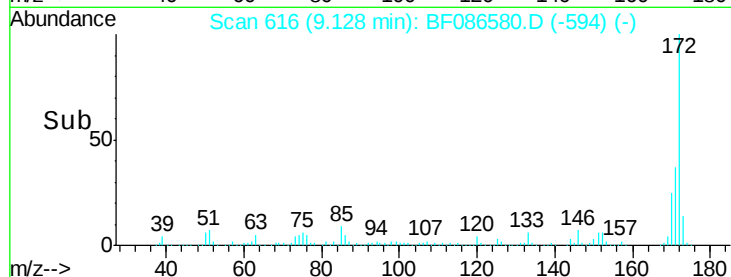
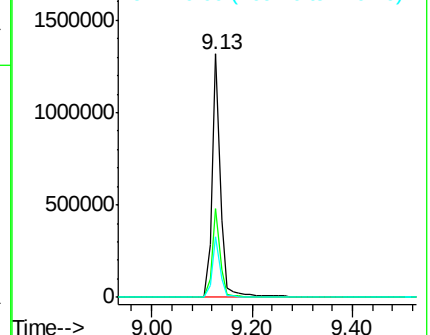
170 24.9 19.8 29.8



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: 11.28 min Scan# 804

Delta R.T. -0.05 min

Lab File: BF086580.D

Acq: 1 May 2016 19:48

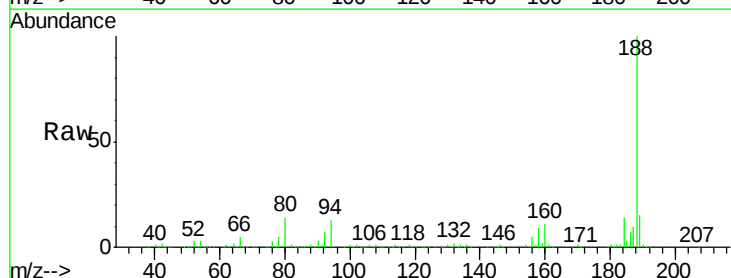
Tgt Ion:188 Resp: 545489

Ion Ratio Lower Upper

188 100

94 13.0 6.8 10.2#

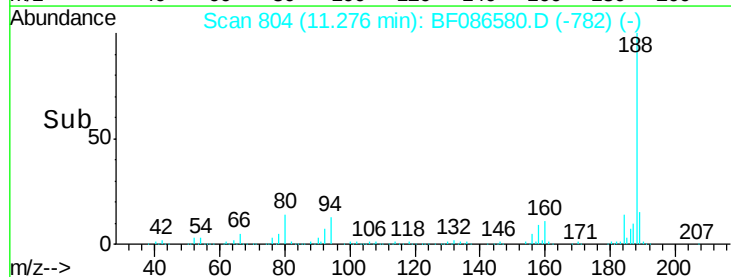
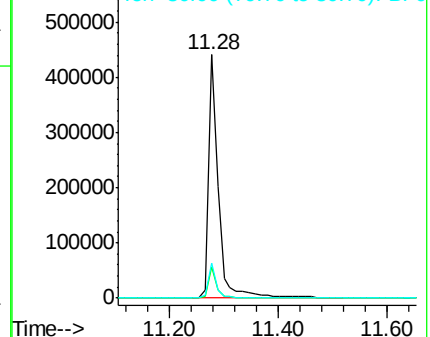
80 14.3 7.1 10.7#

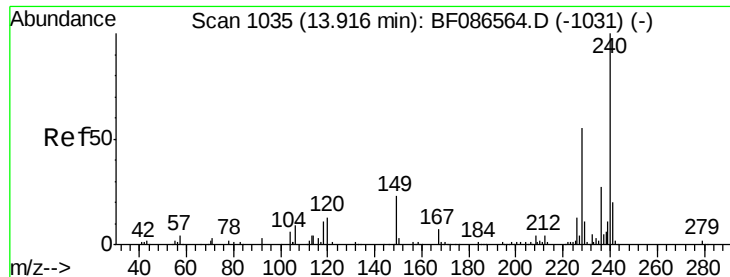


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.91 min Scan# 1034

Delta R.T. -0.06 min

Lab File: BF086580.D

Acq: 1 May 2016 19:48

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-13(6-17FTBGS)

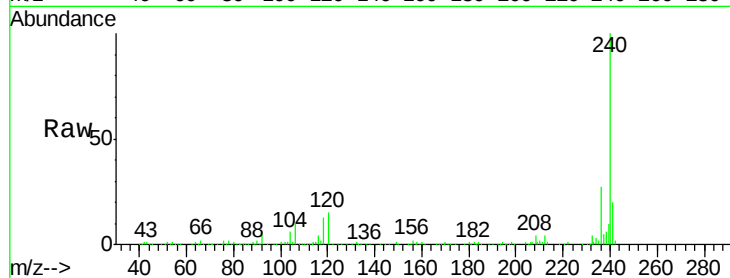
Tgt Ion:240 Resp: 376298

Ion Ratio Lower Upper

240 100

120 14.9 11.2 16.8

236 26.6 21.2 31.8



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

300000

200000

100000

0

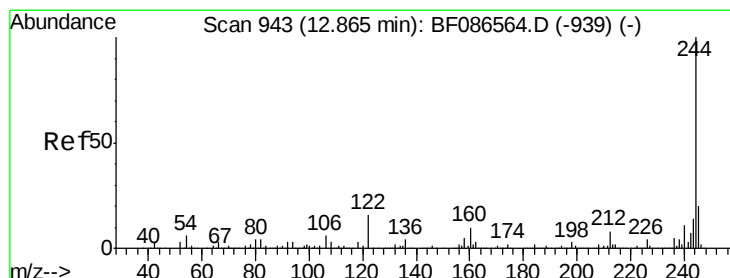
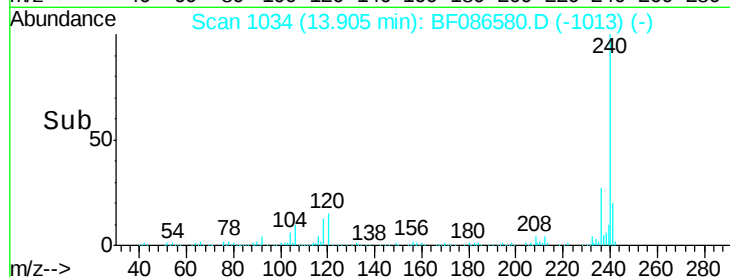
13.80

13.91

14.00

14.20

Time-->



#78

Terphenyl-d14

Concen: 86.13 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.05 min

Lab File: BF086580.D

Acq: 1 May 2016 19:48

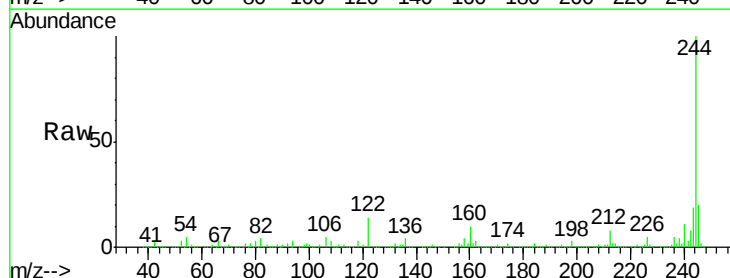
Tgt Ion:244 Resp: 1471184

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

122 14.4 12.0 18.0



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

1500000

1000000

500000

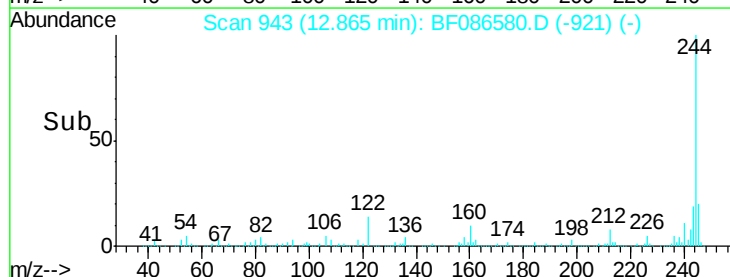
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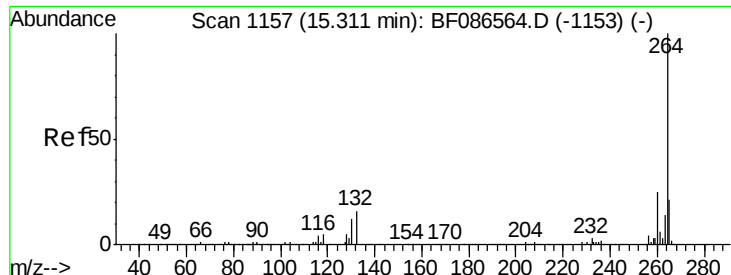
12.80

12.87

13.00

Time-->





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.06 min
Lab File: BF086580.D
Acq: 1 May 2016 19:48

Instrument :
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	22.2	17.3	25.9

