

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050116\
 Data File : BF086565.D
 Acq On : 1 May 2016 12:47
 Operator : UM/SJ
 Sample : H2683-01
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-1A-CS-1(0-25FTBGS)

Quant Time: May 02 04:00:28 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

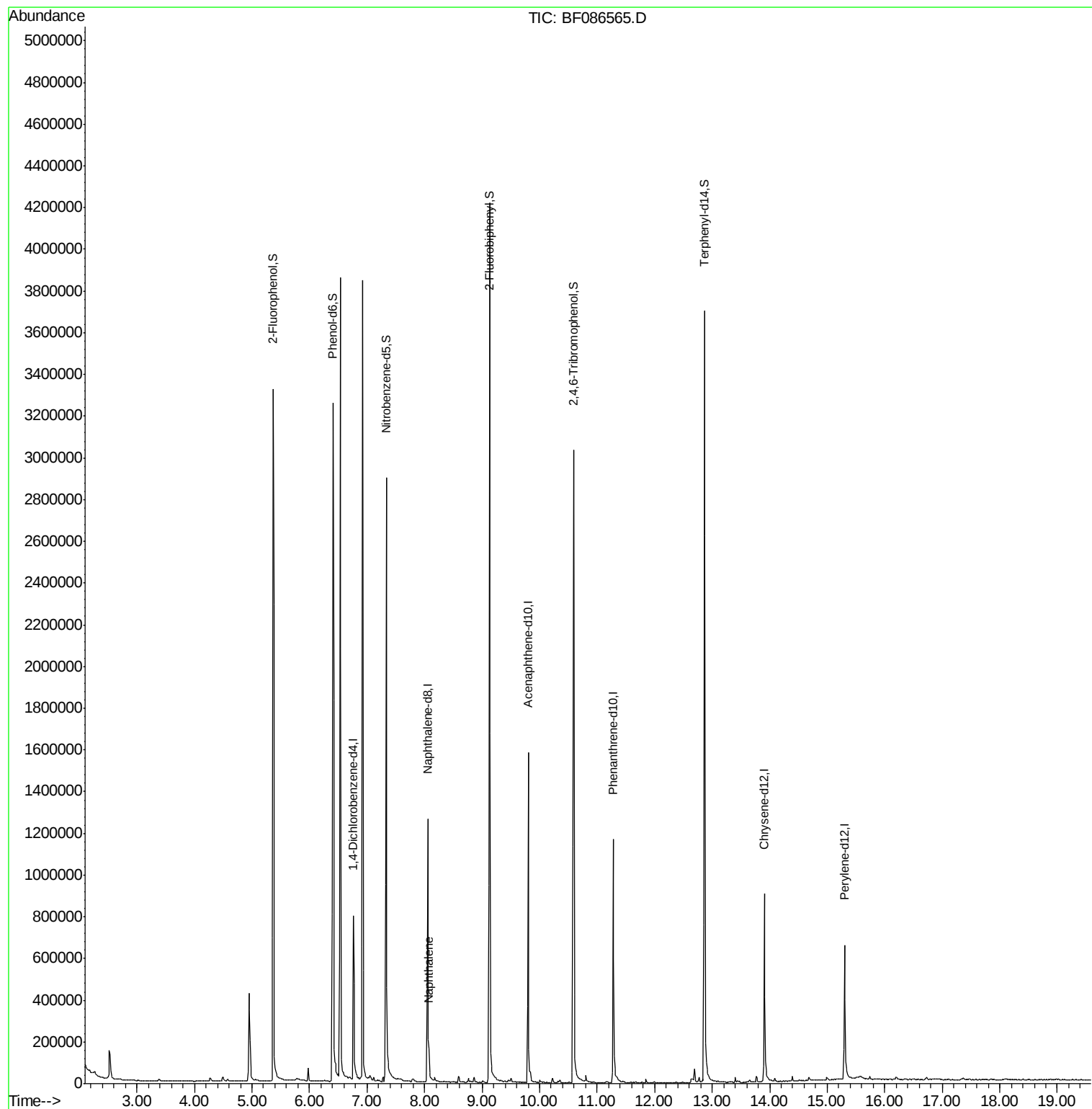
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	148877	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	643329	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	316319	20.00	ng	-0.05
63) Phenanthrene-d10	11.28	188	567767	20.00	ng	-0.05
75) Chrysene-d12	13.91	240	402425	20.00	ng	-0.06
86) Perylene-d12	15.30	264	357266	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1198371	138.84	ng	-0.02
7) Phenol-d6	6.41	99	1473605	122.33	ng	-0.03
23) Nitrobenzene-d5	7.33	82	1059776	88.79	ng	-0.05
41) 2,4,6-Tribromophenol	10.59	330	390880	117.18	ng	-0.05
44) 2-Fluorobiphenyl	9.13	172	1637687	92.26	ng	-0.05
78) Terphenyl-d14	12.86	244	1692010	92.63	ng	-0.05
Target Compounds						
31) Naphthalene	8.08	128	82820	2.53	ng	Qvalue 99

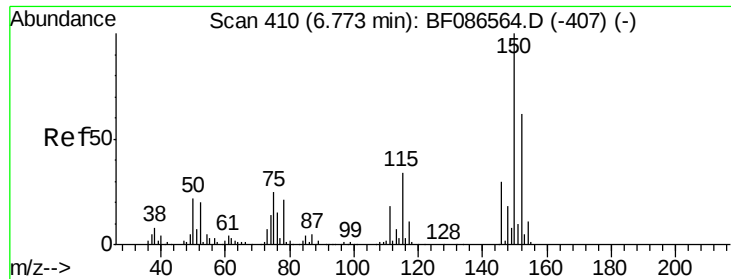
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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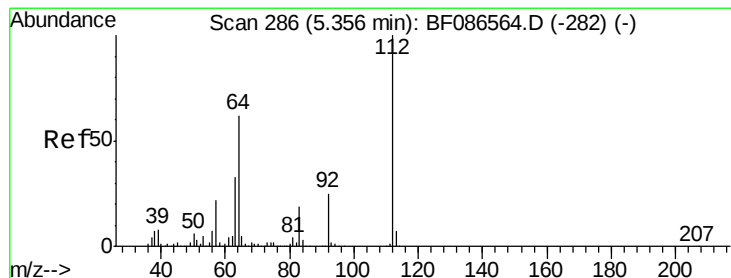
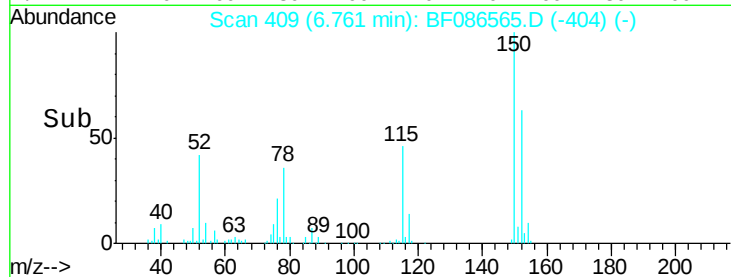
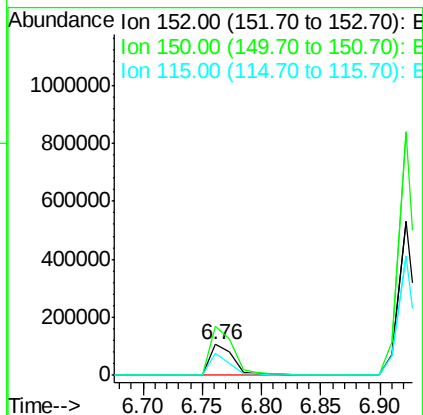
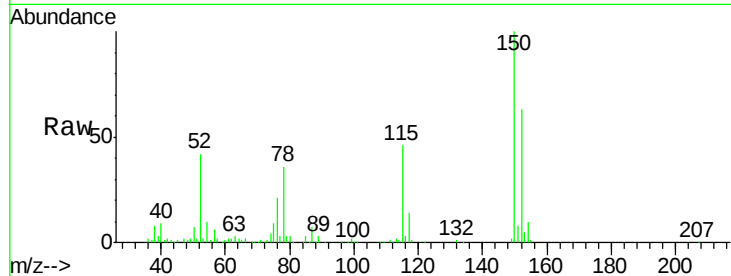


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.05 min
Lab File: BF086565.D
Acq: 1 May 2016 12:47

Instrument :
BNA_F
ClientSampleId :
26WARD-1A-CS-1(0-25FTBGS)

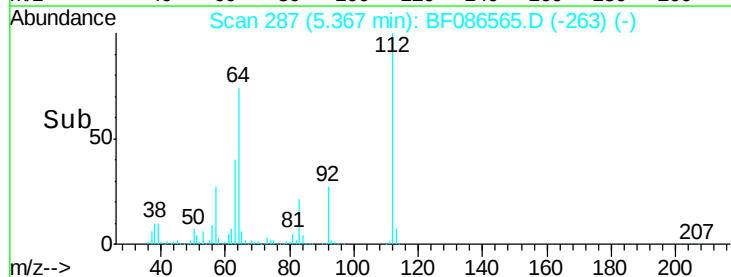
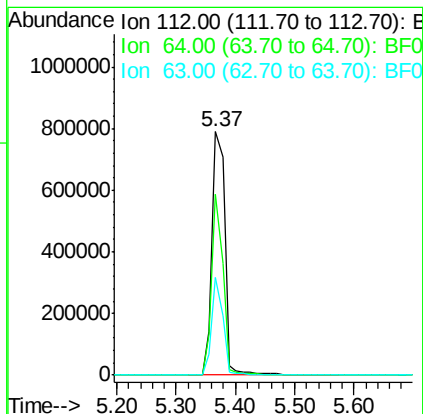
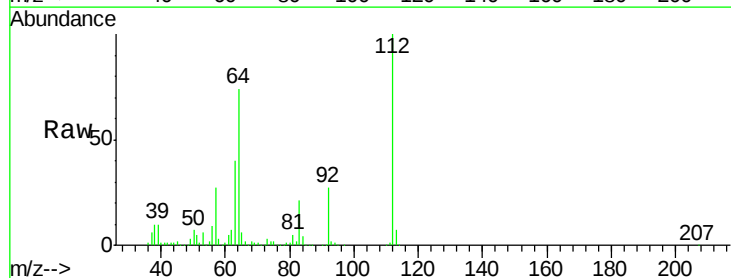
Tgt Ion:152 Resp: 148877
Ion Ratio Lower Upper
152 100
150 159.5 125.8 188.6
115 73.1 51.5 77.3

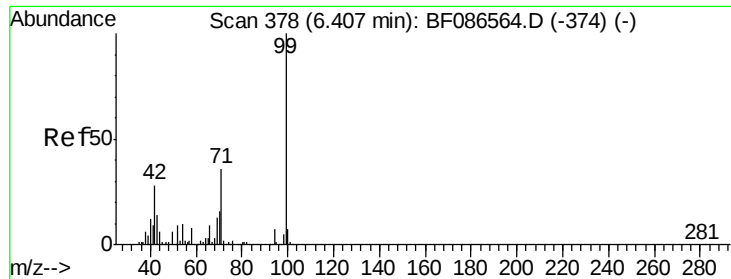


#5

2-Fluorophenol
Concen: 138.84 ng
RT: 5.37 min Scan# 287
Delta R.T. -0.02 min
Lab File: BF086565.D
Acq: 1 May 2016 12:47

Tgt Ion:112 Resp: 1198371
Ion Ratio Lower Upper
112 100
64 74.4 52.1 78.1
63 40.3 25.7 38.5#





#7

Phenol-d6

Concen: 122.33 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086565.D

Acq: 1 May 2016 12:47

Instrument :

BNA_F

ClientSampleId :

26WARD-1A-CS-1(0-25FTBGS)

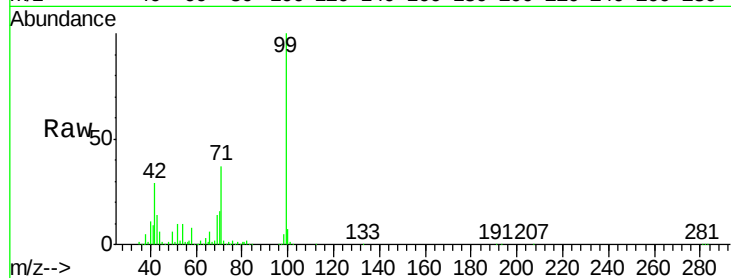
Tgt Ion: 99 Resp: 1473605

Ion Ratio Lower Upper

99 100

42 28.5 13.6 20.4#

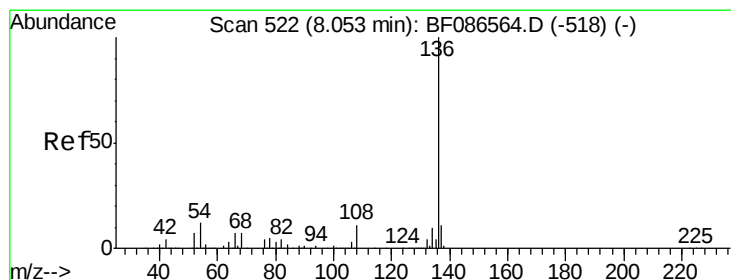
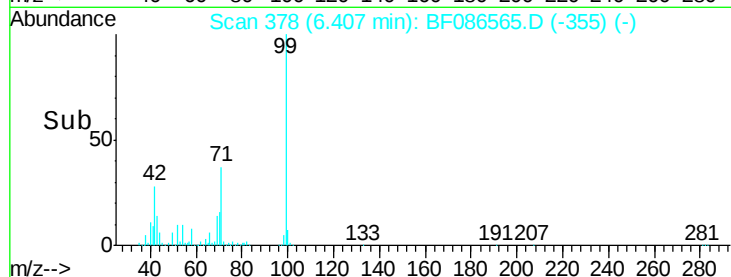
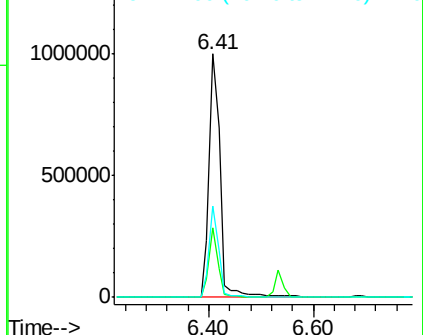
71 37.4 24.6 36.8#



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: 8.05 min Scan# 522

Delta R.T. -0.05 min

Lab File: BF086565.D

Acq: 1 May 2016 12:47

Tgt Ion: 136 Resp: 643329

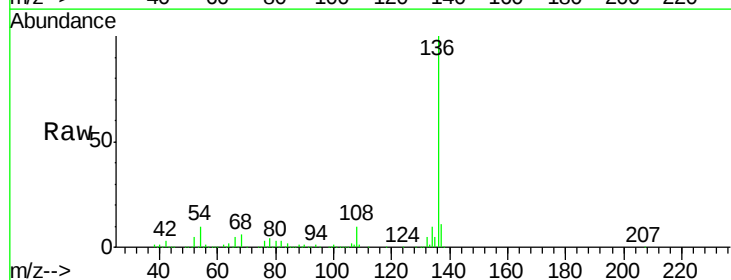
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 9.7 5.0 7.4#

68 6.0 4.4 6.6

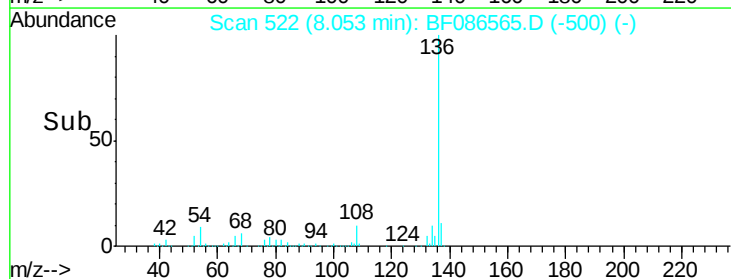
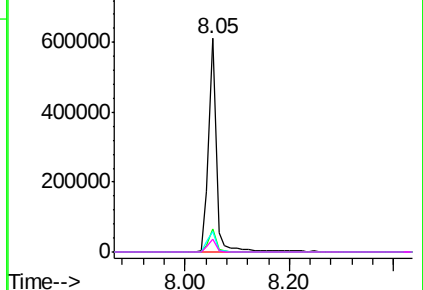


Abundance Ion 136.00 (135.70 to 136.70): E

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

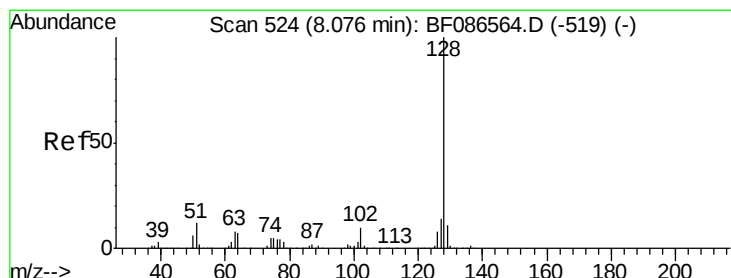
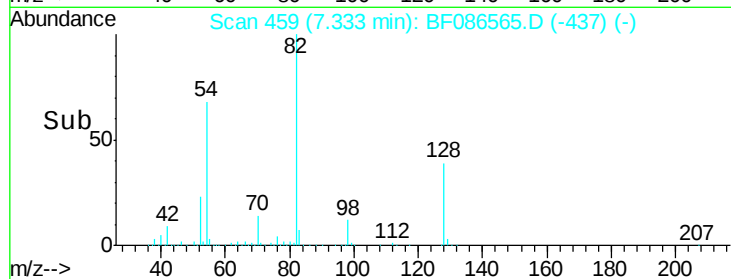
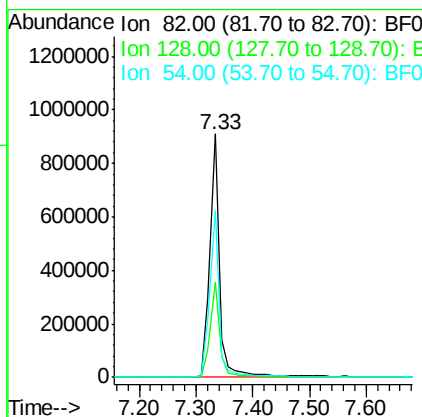
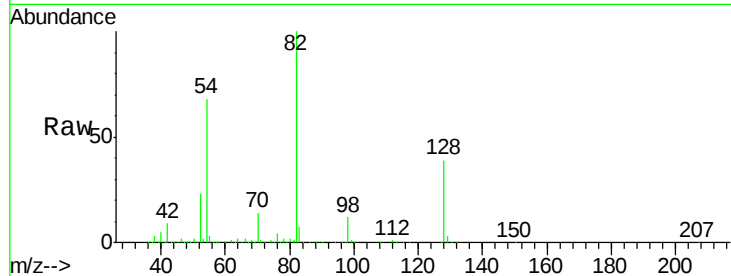




#23
 Nitrobenzene-d5
 Concen: 88.79 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.05 min
 Lab File: BF086565.D
 Acq: 1 May 2016 12:47

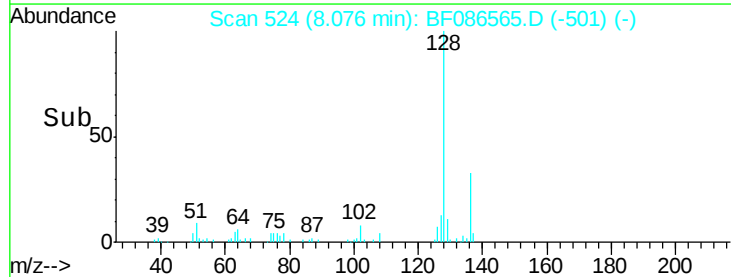
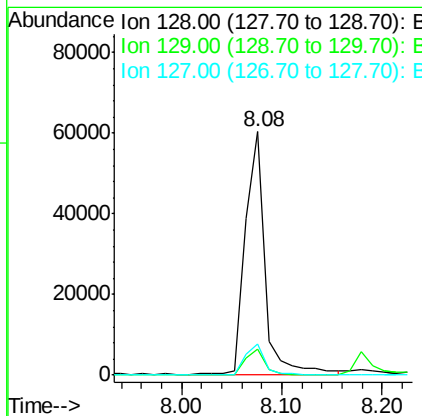
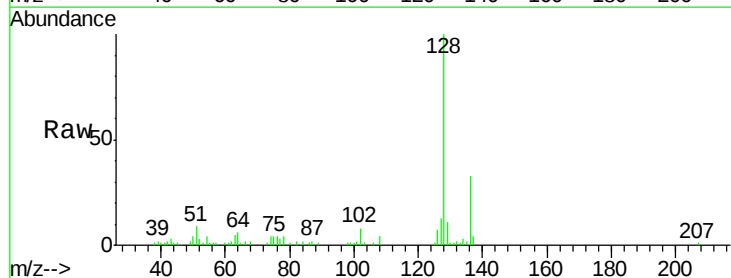
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-1A-CS-1(0-25FTBGS)

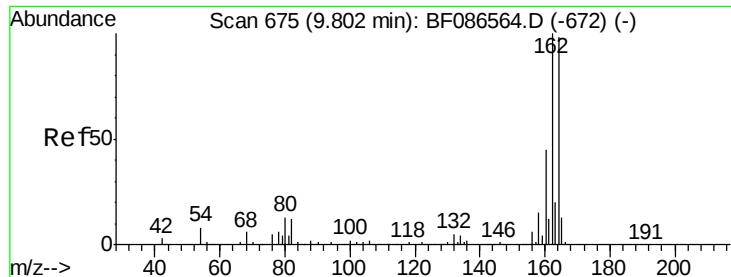
Tgt Ion: 82 Resp: 1059776
 Ion Ratio Lower Upper
 82 100
 128 39.3 40.6 61.0#
 54 68.5 38.1 57.1#



#31
 Naphthalene
 Concen: 2.53 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.03 min
 Lab File: BF086565.D
 Acq: 1 May 2016 12:47

Tgt Ion: 128 Resp: 82820
 Ion Ratio Lower Upper
 128 100
 129 10.8 8.6 13.0
 127 12.7 10.8 16.2

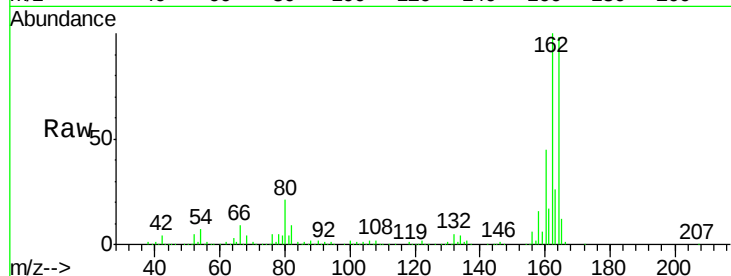




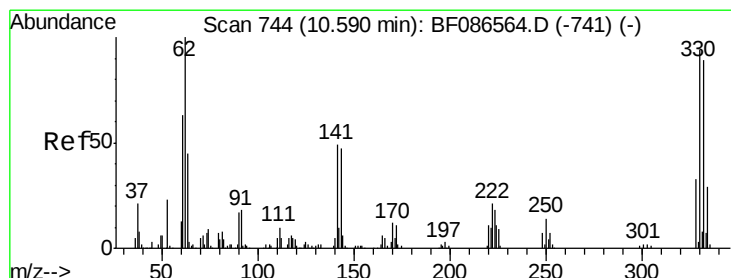
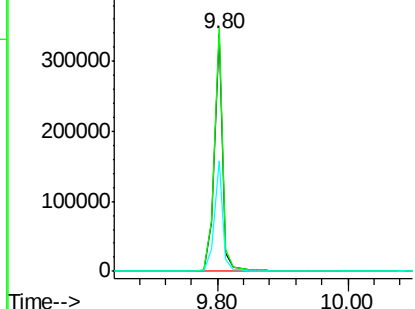
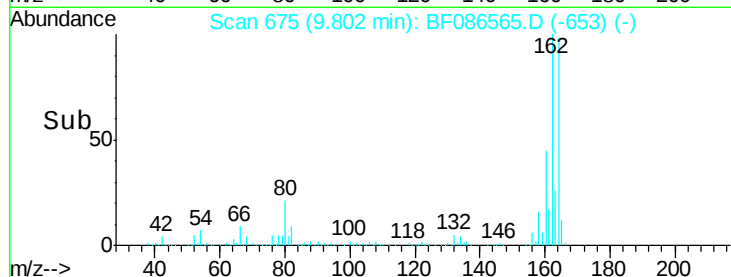
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.05 min
Lab File: BF086565.D
Acq: 1 May 2016 12:47

Instrument :
BNA_F
ClientSampleId :
26WARD-1A-CS-1(0-25FTBGS)

Tgt Ion:164 Resp: 316319
Ion Ratio Lower Upper
164 100
162 102.5 82.8 124.2
160 46.3 36.9 55.3

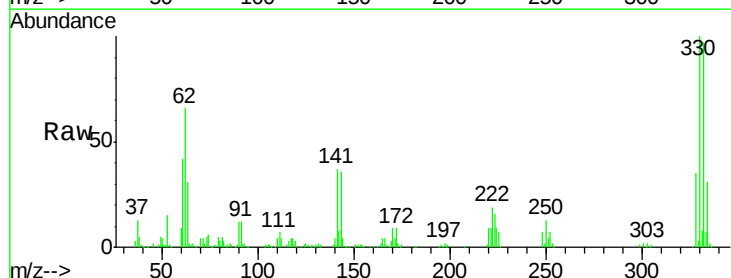


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

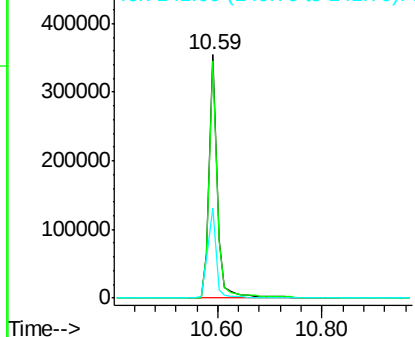
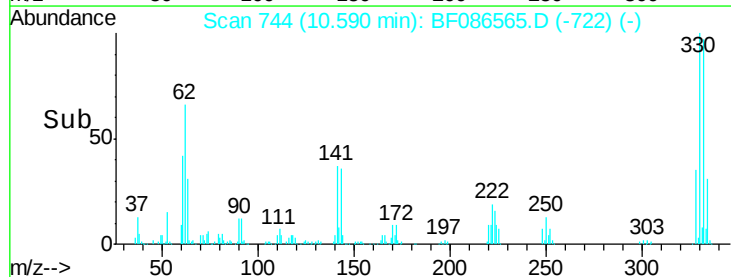


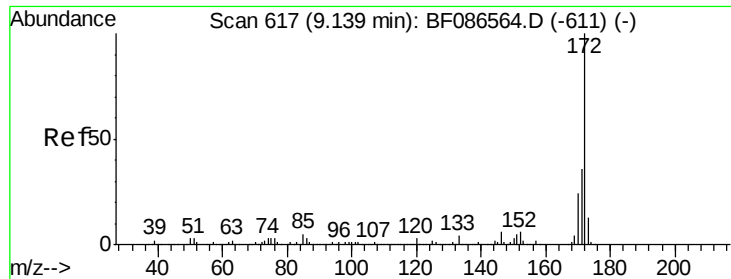
#41
2,4,6-Tribromophenol
Concen: 117.18 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.05 min
Lab File: BF086565.D
Acq: 1 May 2016 12:47

Tgt Ion:330 Resp: 390880
Ion Ratio Lower Upper
330 100
332 97.3 79.0 118.4
141 38.8 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: 92.26 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.05 min

Lab File: BF086565.D

Acq: 1 May 2016 12:47

Instrument :

BNA_F

ClientSampleId :

26WARD-1A-CS-1(0-25FTBGS)

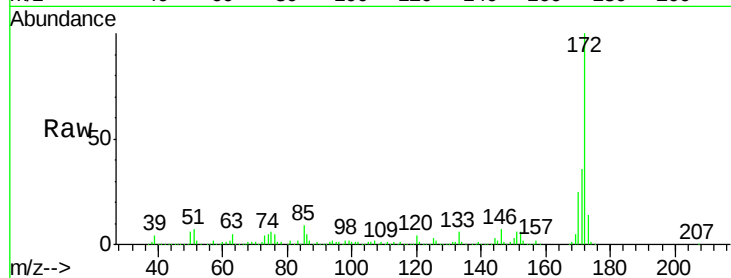
Tgt Ion:172 Resp: 1637687

Ion Ratio Lower Upper

172 100

171 36.5 29.0 43.6

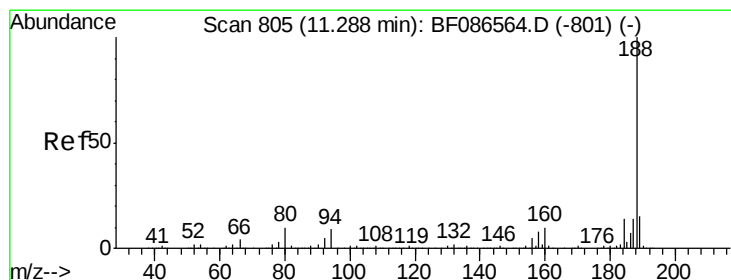
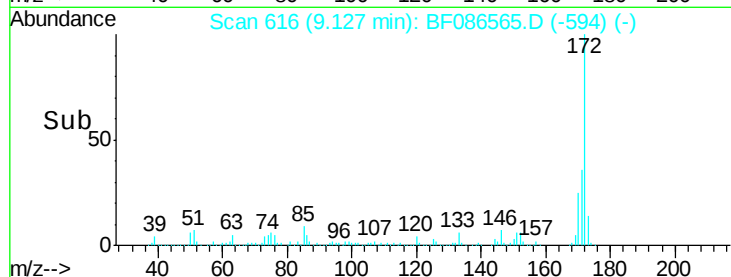
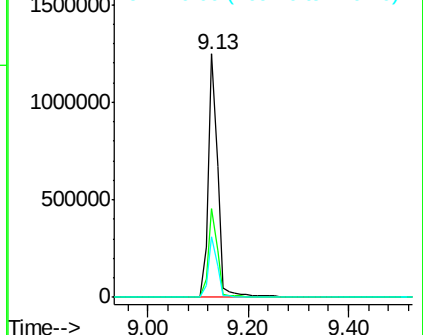
170 24.7 19.8 29.8



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: BF086565.D

Acq: 1 May 2016 12:47

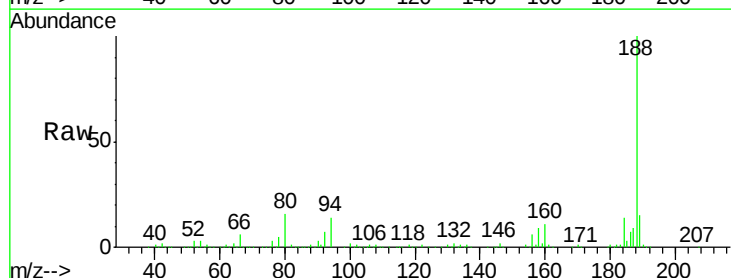
Tgt Ion:188 Resp: 567767

Ion Ratio Lower Upper

188 100

94 13.9 6.8 10.2#

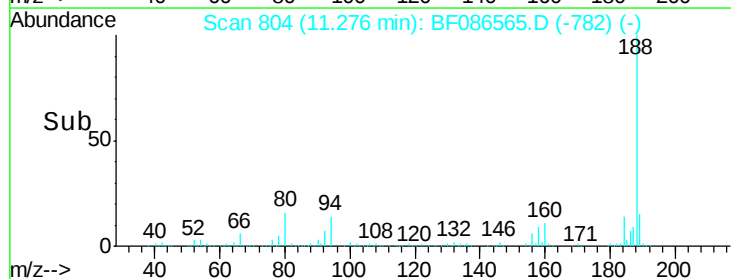
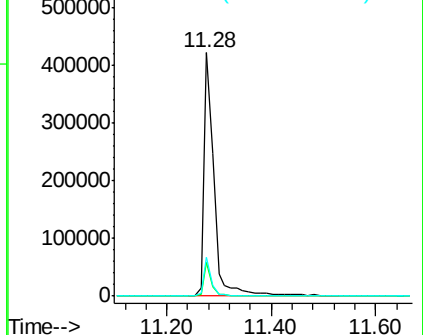
80 15.7 7.1 10.7#

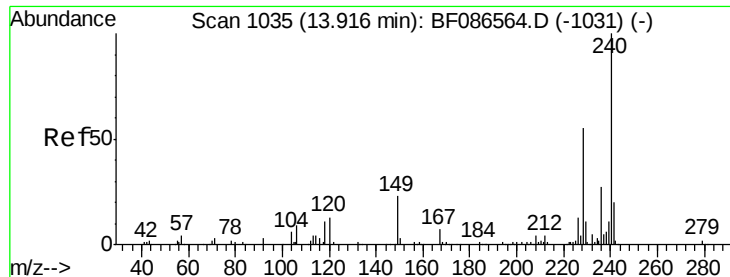


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF086565.D

Acq: 1 May 2016 12:47

Instrument :

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ClientSampleId :

26WARD-1A-CS-1(0-25FTBGS)

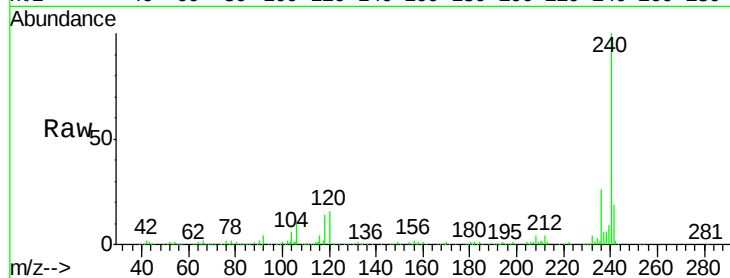
Tgt Ion:240 Resp: 402425

Ion Ratio Lower Upper

240 100

120 15.9 11.2 16.8

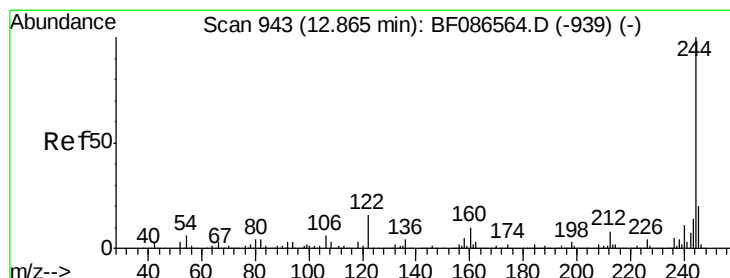
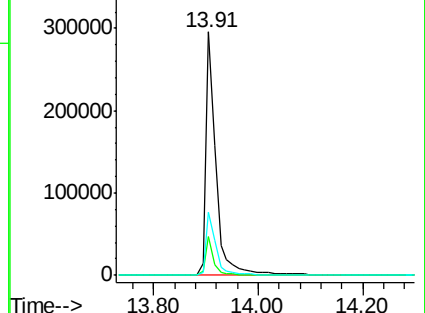
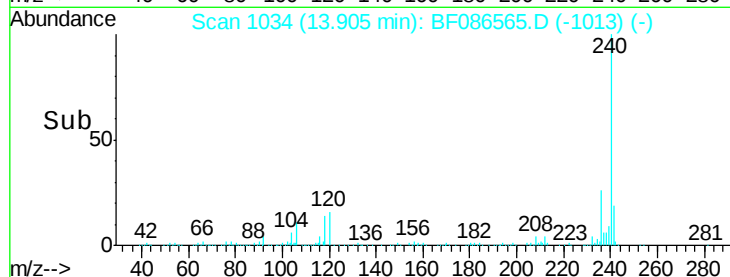
236 26.1 21.2 31.8



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



#78

Terphenyl-d14

Concen: 92.63 ng

RT: 12.86 min Scan# 943

Delta R.T. -0.05 min

Lab File: BF086565.D

Acq: 1 May 2016 12:47

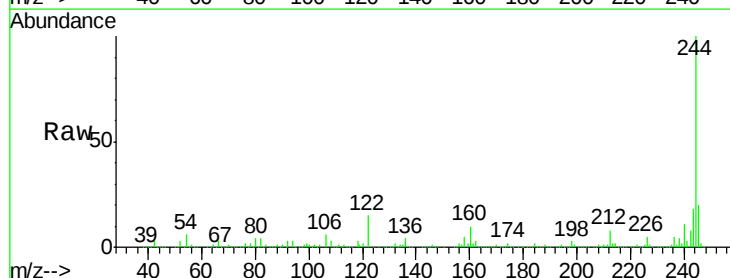
Tgt Ion:244 Resp: 1692010

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

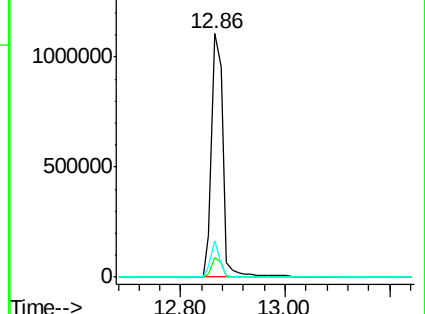
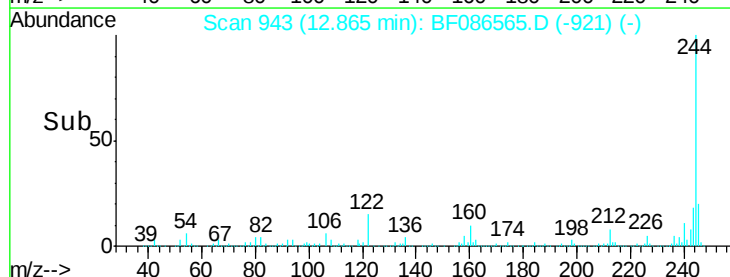
122 15.1 12.0 18.0

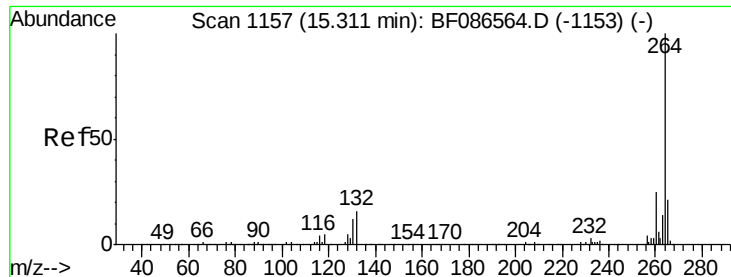


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

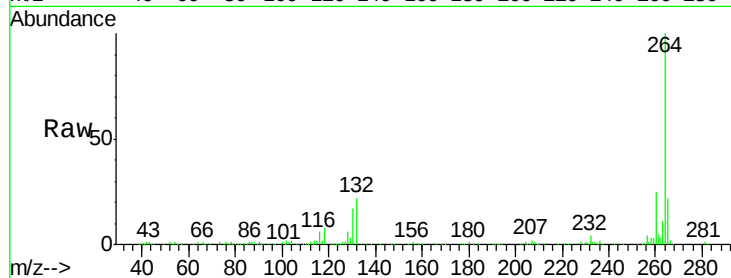




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.06 min
Lab File: BF086565.D
Acq: 1 May 2016 12:47

Instrument :
BNA_F
ClientSampleId :
26WARD-1A-CS-1(0-25FTBGS)

Tgt Ion: 264 Resp: 357266
Ion Ratio Lower Upper
264 100
260 24.7 19.5 29.3
265 21.6 17.3 25.9



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

