

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050116\
 Data File : BF086567.D
 Acq On : 1 May 2016 13:43
 Operator : UM/SJ
 Sample : H2683-03
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-17(6-12FTBGS)

Quant Time: May 02 04:07:45 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

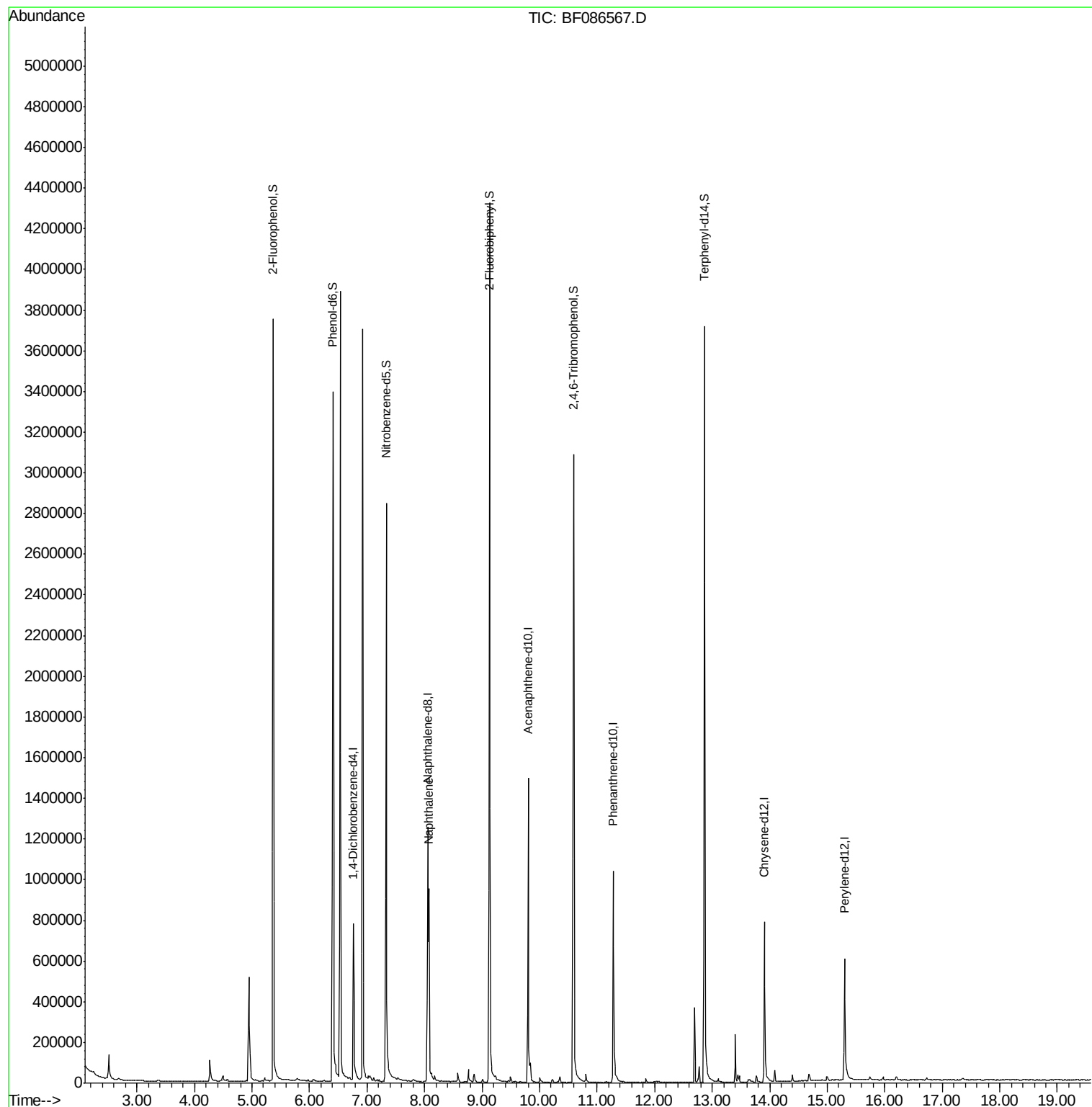
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	138284	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	609071	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	296750	20.00	ng	-0.05
63) Phenanthrene-d10	11.28	188	553659	20.00	ng	-0.05
75) Chrysene-d12	13.91	240	395100	20.00	ng	-0.06
86) Perylene-d12	15.30	264	349031	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1059071	132.10	ng	-0.02
7) Phenol-d6	6.41	99	1346782	120.36	ng	-0.03
23) Nitrobenzene-d5	7.33	82	1024458	90.66	ng	-0.05
41) 2,4,6-Tribromophenol	10.59	330	392655	125.47	ng	-0.05
44) 2-Fluorobiphenyl	9.13	172	1546870	93.08	ng	-0.05
78) Terphenyl-d14	12.86	244	1628825	90.82	ng	-0.05
Target Compounds						
31) Naphthalene	8.08	128	570876	18.42	ng	Qvalue 99

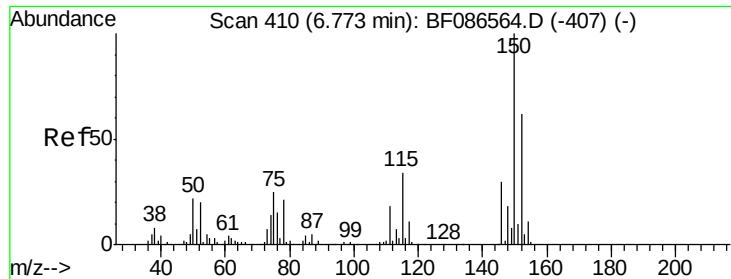
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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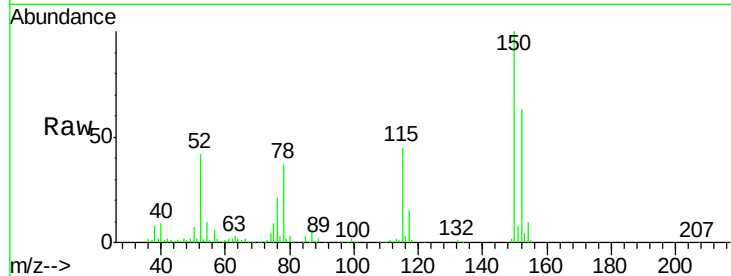


#1

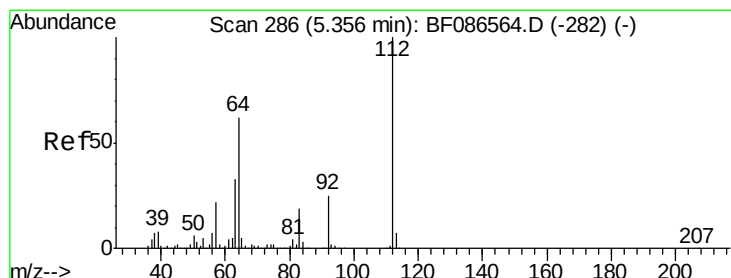
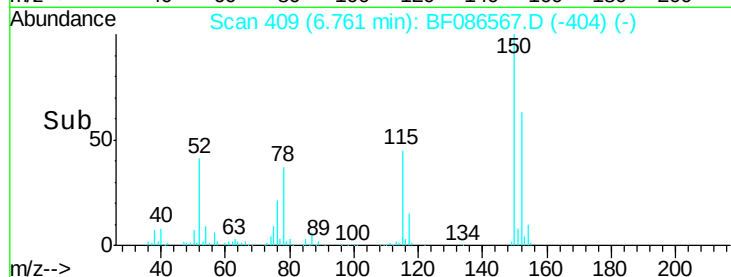
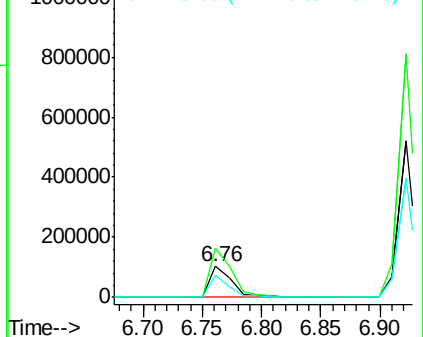
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.05 min
Lab File: BF086567.D
Acq: 1 May 2016 13:43

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-17(6-12FTBGS)

Tgt Ion:152 Resp: 138284
Ion Ratio Lower Upper
152 100
150 159.7 125.8 188.6
115 71.8 51.5 77.3



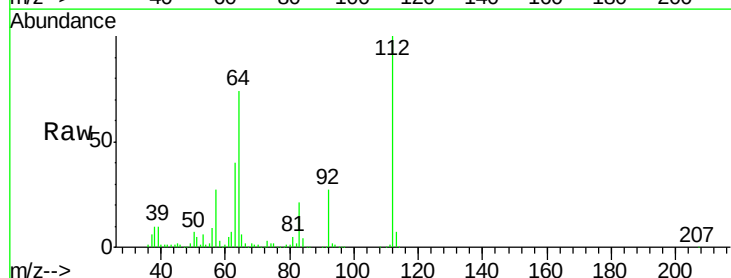
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



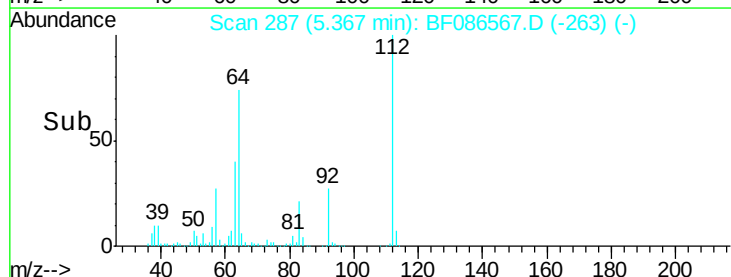
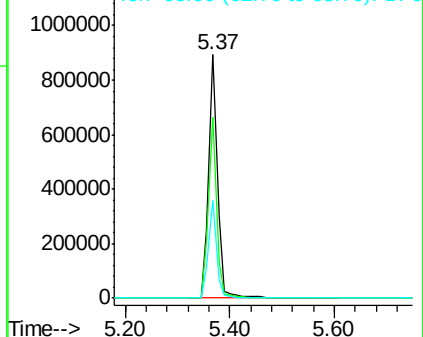
#5

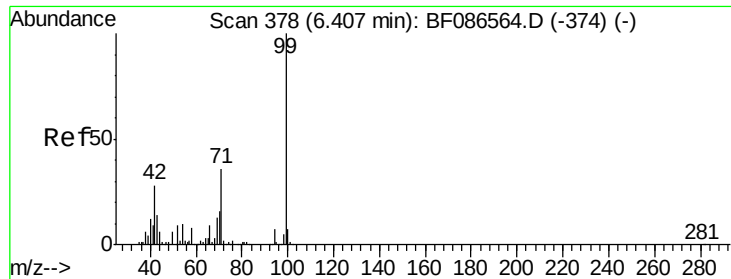
2-Fluorophenol
Concen: 132.10 ng
RT: 5.37 min Scan# 287
Delta R.T. -0.02 min
Lab File: BF086567.D
Acq: 1 May 2016 13:43

Tgt Ion:112 Resp: 1059071
Ion Ratio Lower Upper
112 100
64 74.1 52.1 78.1
63 39.9 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: 120.36 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086567.D

Acq: 1 May 2016 13:43

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-17(6-12FTBGS)

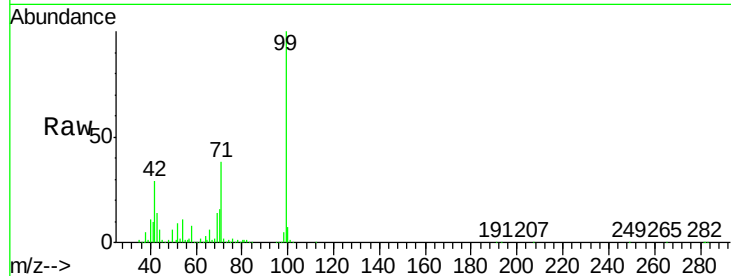
Tgt Ion: 99 Resp: 1346782

Ion Ratio Lower Upper

99 100

42 29.1 13.6 20.4#

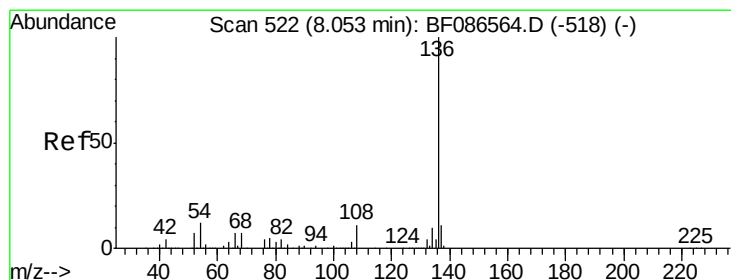
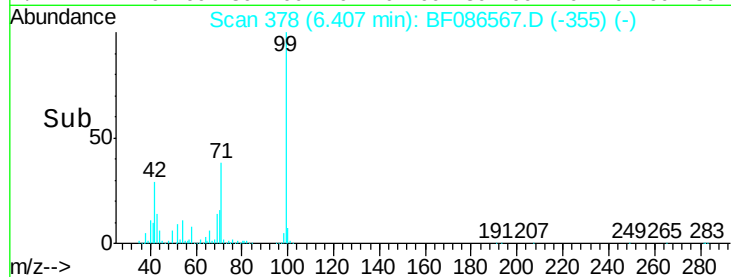
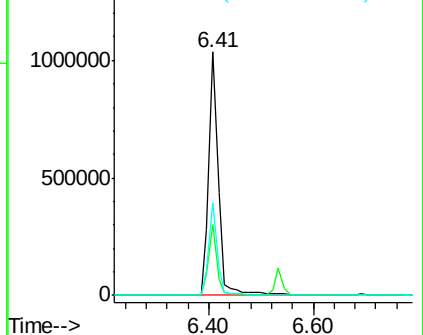
71 37.8 24.6 36.8#



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: BF086567.D

Acq: 1 May 2016 13:43

Tgt Ion: 136 Resp: 609071

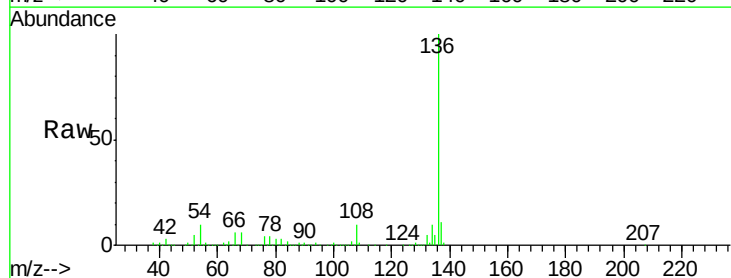
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 10.1 5.0 7.4#

68 5.9 4.4 6.6

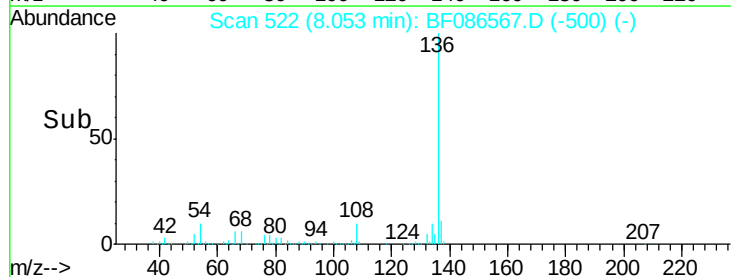
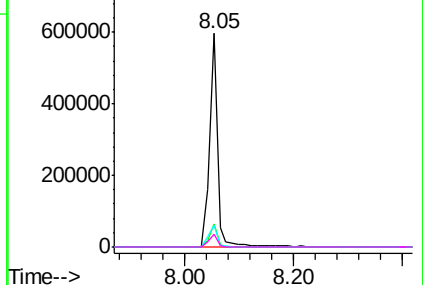


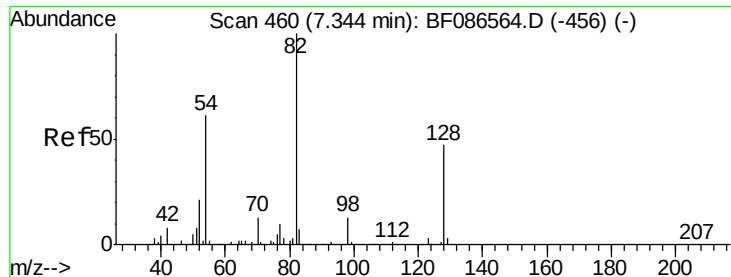
Abundance Ion 136.00 (135.70 to 136.70): E

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

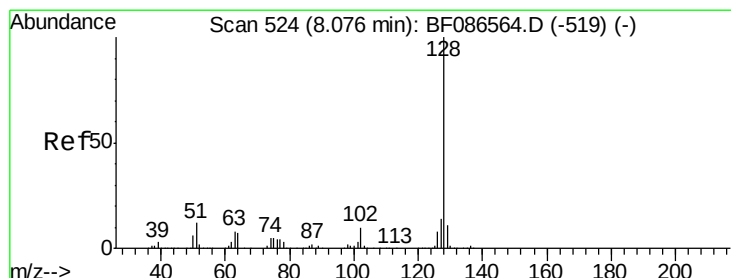
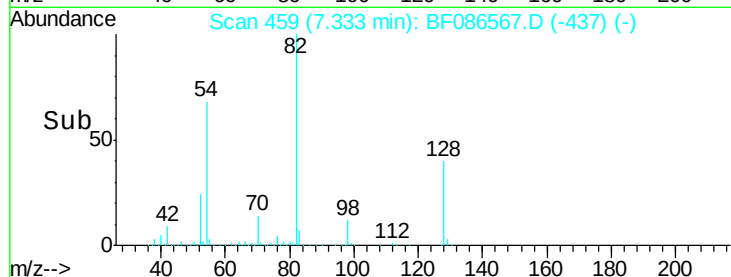
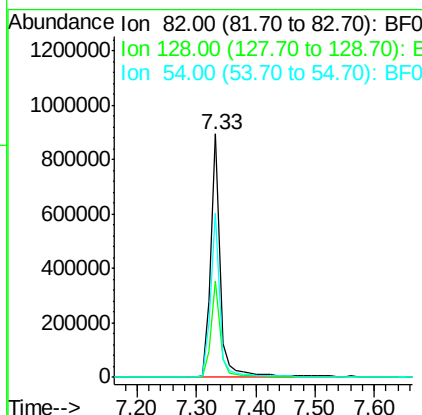
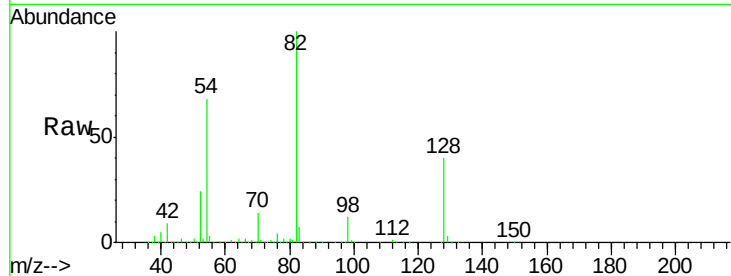




#23
 Nitrobenzene-d5
 Concen: 90.66 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.05 min
 Lab File: BF086567.D
 Acq: 1 May 2016 13:43

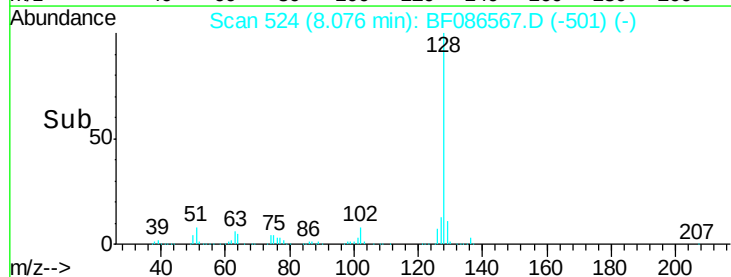
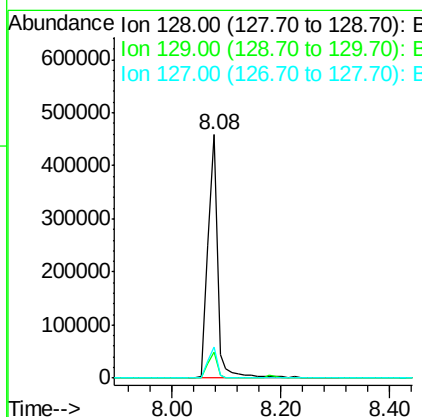
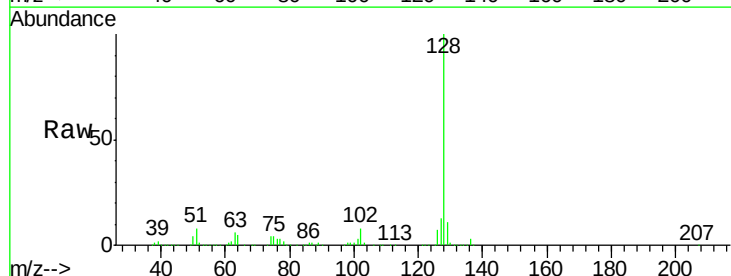
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-17(6-12FTBGS)

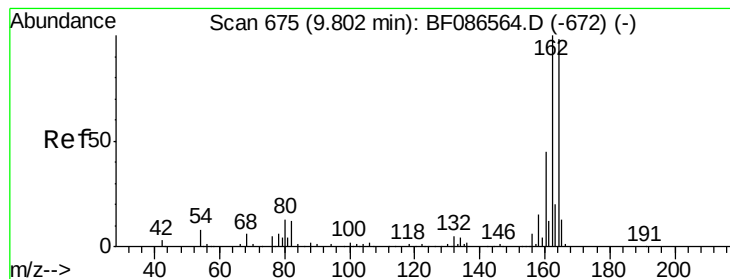
Tgt Ion: 82 Resp: 1024458
 Ion Ratio Lower Upper
 82 100
 128 39.5 40.6 61.0#
 54 67.7 38.1 57.1#



#31
 Naphthalene
 Concen: 18.42 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.03 min
 Lab File: BF086567.D
 Acq: 1 May 2016 13:43

Tgt Ion: 128 Resp: 570876
 Ion Ratio Lower Upper
 128 100
 129 10.7 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: BF086567.D

Acq: 1 May 2016 13:43

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-17(6-12FTBGS)

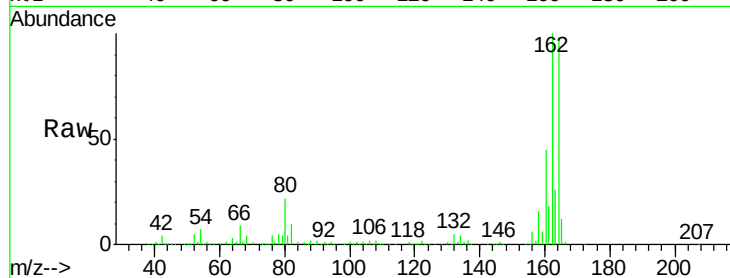
Tgt Ion:164 Resp: 296750

Ion Ratio Lower Upper

164 100

162 102.1 82.8 124.2

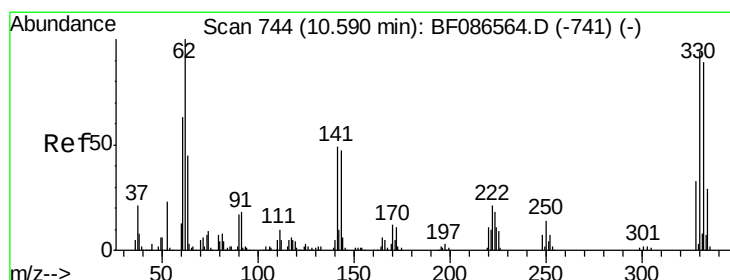
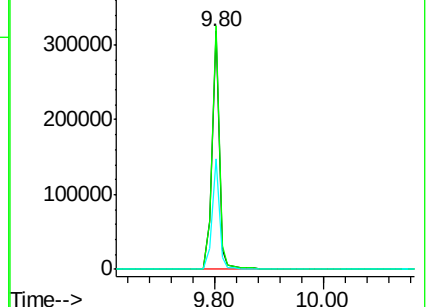
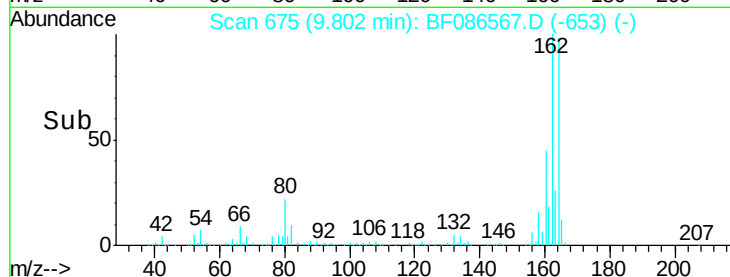
160 46.3 36.9 55.3



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: 125.47 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.05 min

Lab File: BF086567.D

Acq: 1 May 2016 13:43

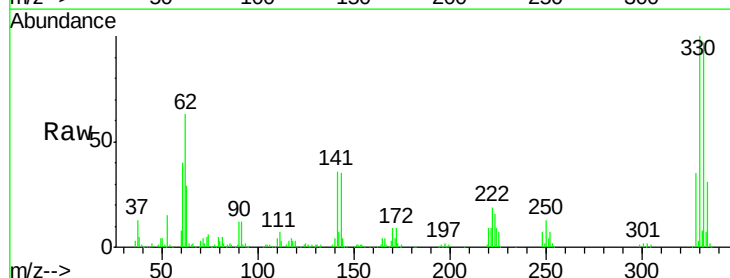
Tgt Ion:330 Resp: 392655

Ion Ratio Lower Upper

330 100

332 97.9 79.0 118.4

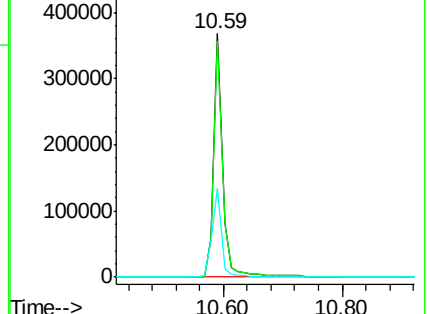
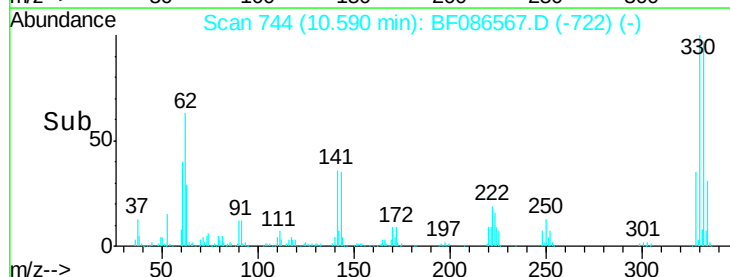
141 38.8 31.2 46.8

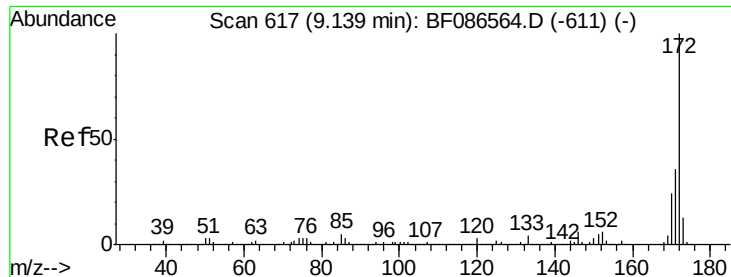


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

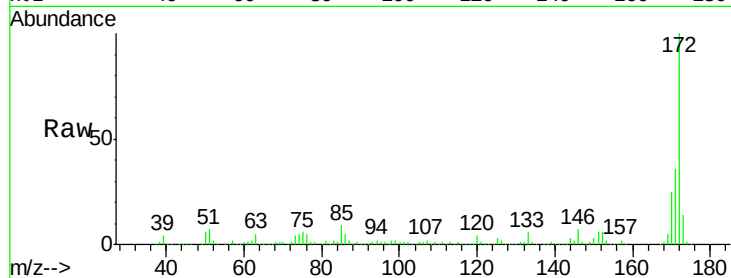




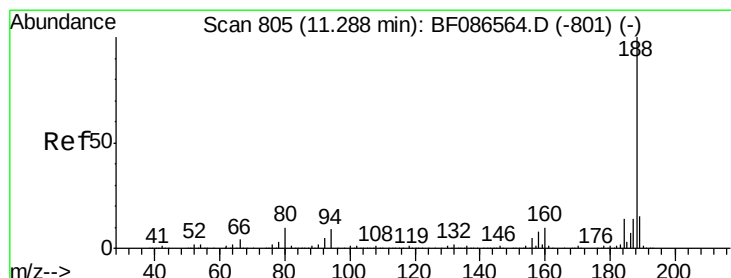
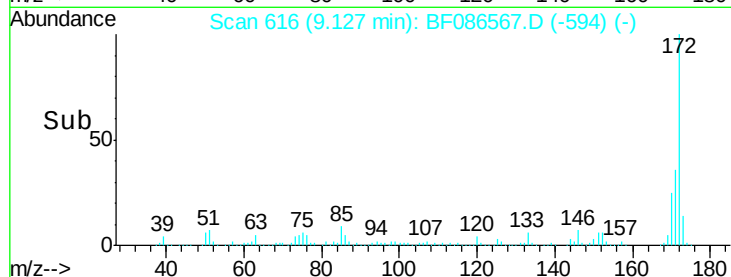
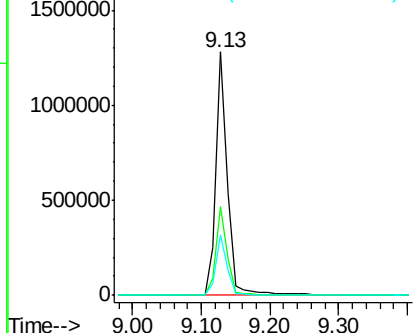
#44
 2-Fluorobiphenyl
 Concen: 93.08 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.05 min
 Lab File: BF086567.D
 Acq: 1 May 2016 13:43

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-17(6-12FTBGS)

Tgt Ion:172 Resp: 1546870
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.6
 170 24.7 19.8 29.8

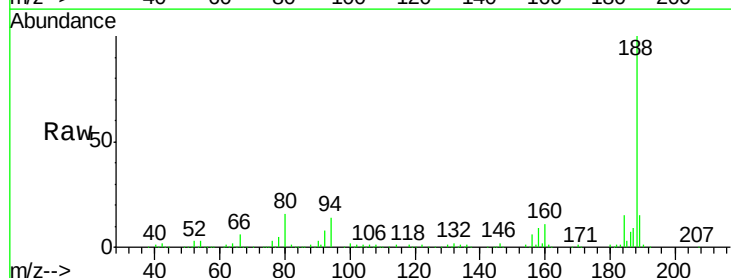


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

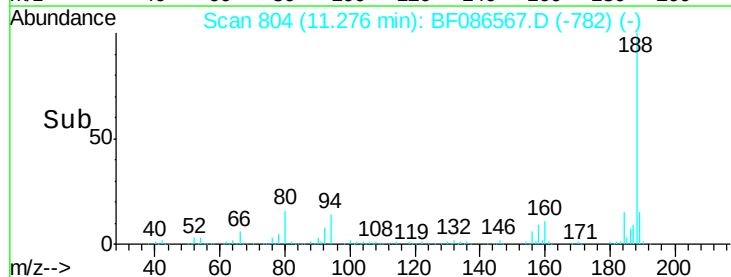
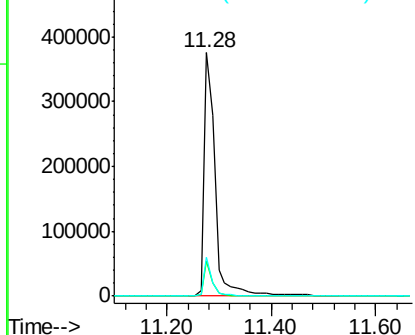


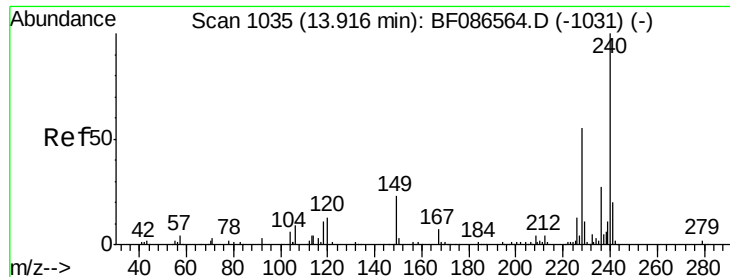
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.05 min
 Lab File: BF086567.D
 Acq: 1 May 2016 13:43

Tgt Ion:188 Resp: 553659
 Ion Ratio Lower Upper
 188 100
 94 14.2 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: BF086567.D

Acq: 1 May 2016 13:43

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-17(6-12FTBGS)

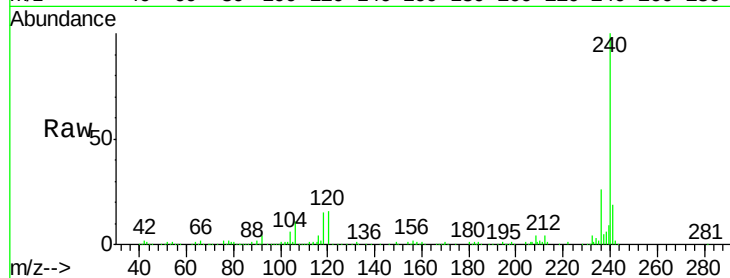
Tgt Ion:240 Resp: 395100

Ion Ratio Lower Upper

240 100

120 16.5 11.2 16.8

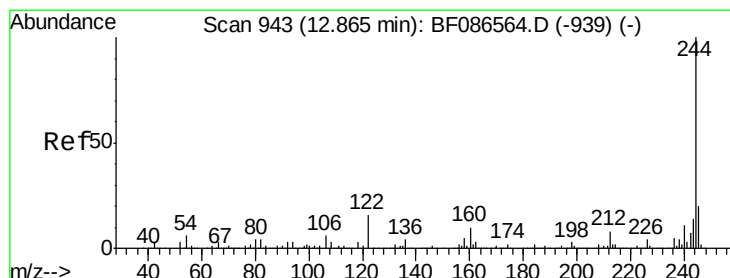
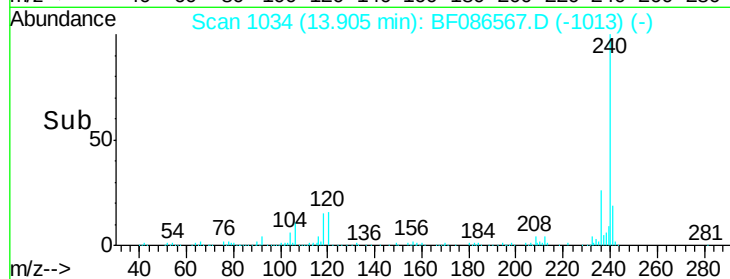
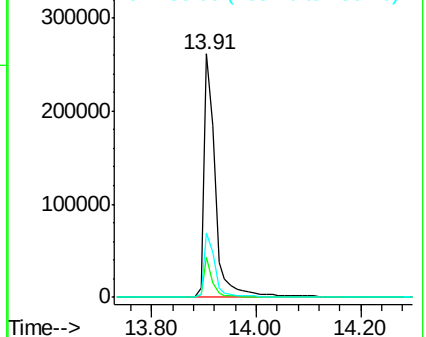
236 26.4 21.2 31.8



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: 90.82 ng

RT: 12.86 min Scan# 943

Delta R.T. -0.05 min

Lab File: BF086567.D

Acq: 1 May 2016 13:43

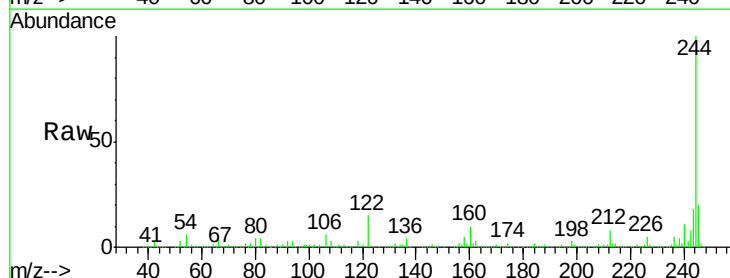
Tgt Ion:244 Resp: 1628825

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

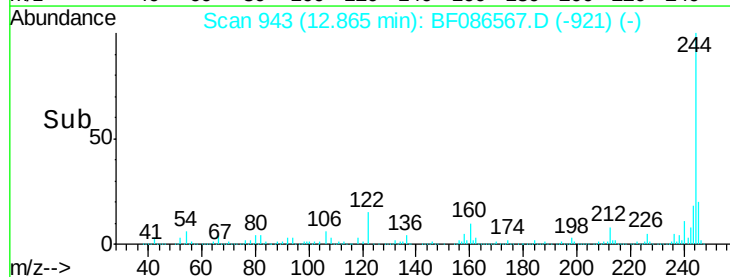
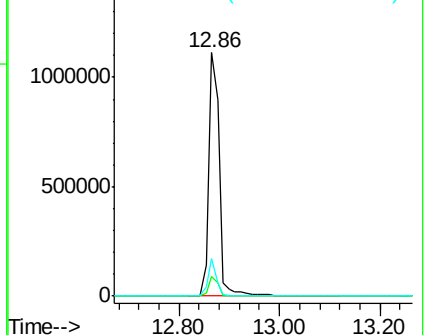
122 15.2 12.0 18.0

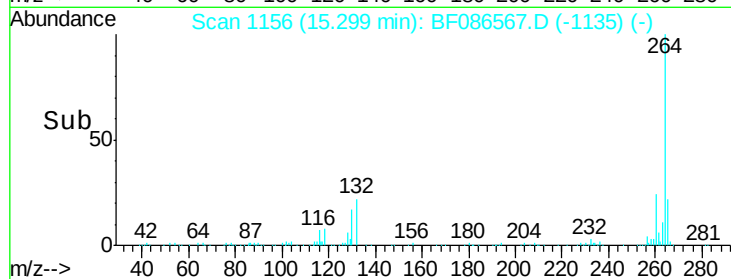
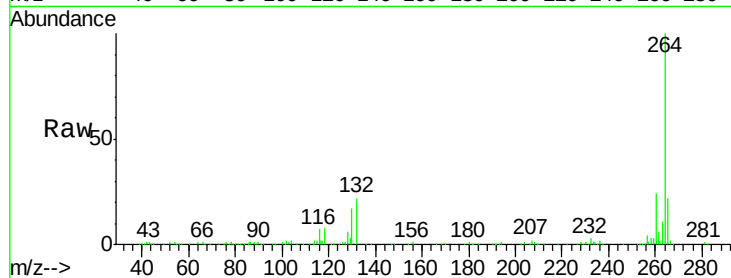
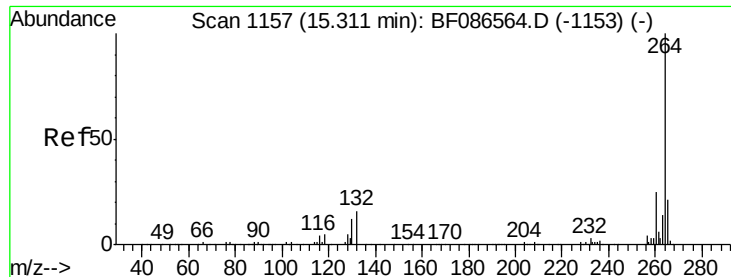


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF086567.D

Acq: 1 May 2016 13:43

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-17(6-12FTBGS)

Tgt Ion: 264 Resp: 349031

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 22.1 17.3 25.9

