

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050116\
 Data File : BF086569.D
 Acq On : 1 May 2016 14:39
 Operator : UM/SJ
 Sample : H2683-05
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-14(6-12FTBGS)

Quant Time: May 02 04:12:03 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

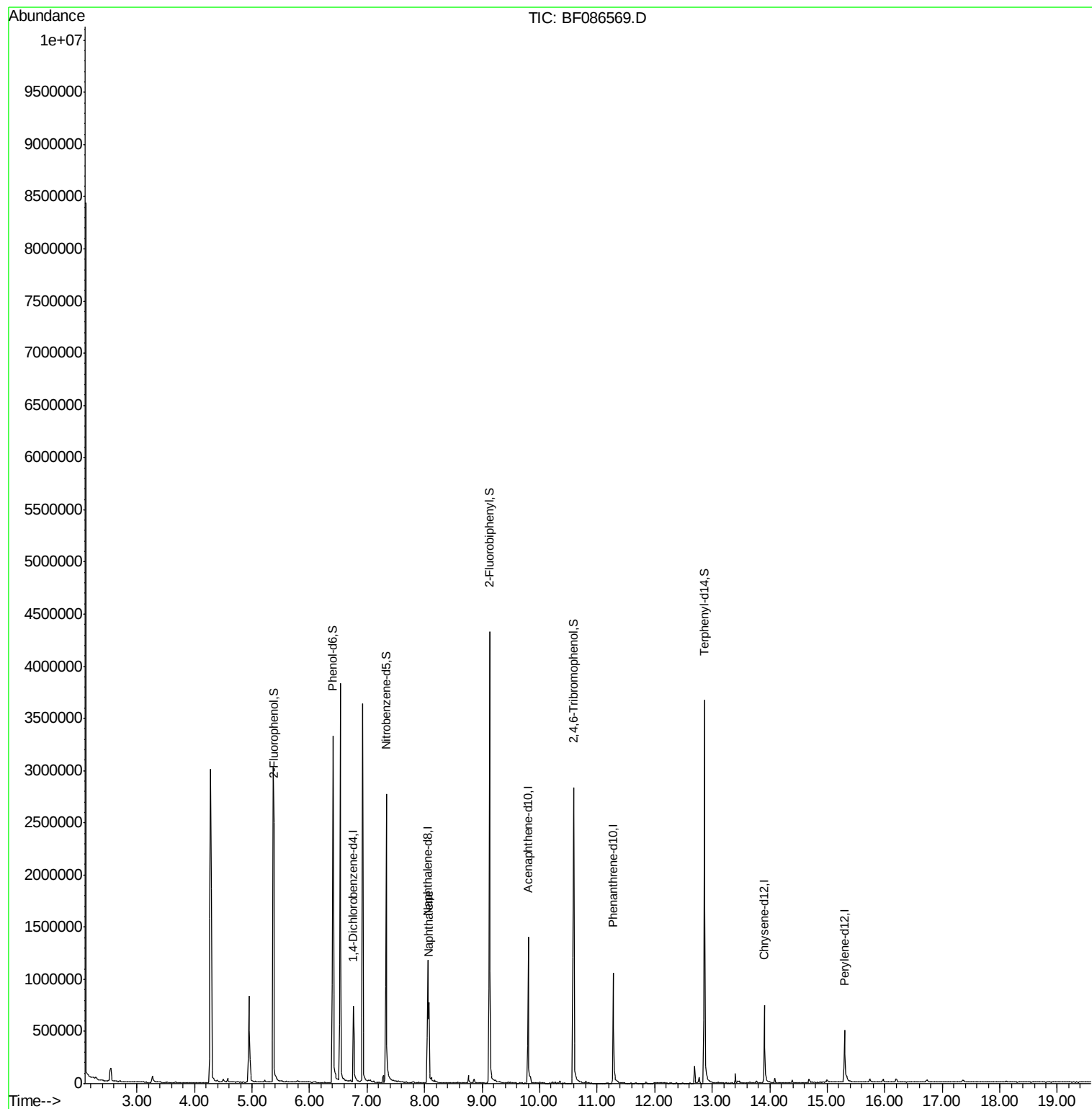
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	133167	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	600373	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	284509	20.00	ng	-0.05
63) Phenanthrene-d10	11.28	188	520384	20.00	ng	-0.05
75) Chrysene-d12	13.91	240	345626	20.00	ng	-0.06
86) Perylene-d12	15.30	264	264258	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1127484	146.04	ng	-0.01
7) Phenol-d6	6.41	99	1248864	115.90	ng	-0.03
23) Nitrobenzene-d5	7.33	82	1004077	90.15	ng	-0.05
41) 2,4,6-Tribromophenol	10.59	330	376762	125.57	ng	-0.05
44) 2-Fluorobiphenyl	9.13	172	1493990	93.97	ng	-0.05
78) Terphenyl-d14	12.86	244	1423744	90.75	ng	-0.05
Target Compounds						
31) Naphthalene	8.08	128	485102	15.88	ng	Qvalue 99

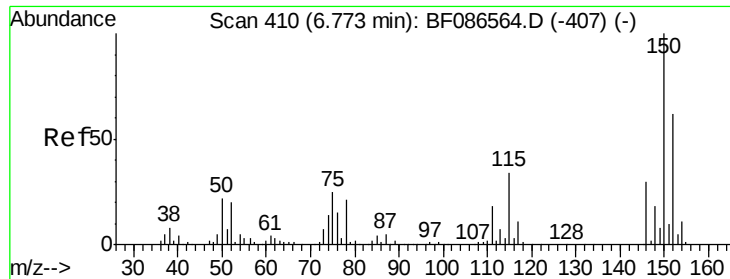
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050116\
Data File : BF086569.D
Acq On : 1 May 2016 14:39
Operator : UM/SJ
Sample : H2683-05
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-14(6-12FTBGS)

Quant Time: May 02 04:12:03 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.05 min

Lab File: BF086569.D

Acq: 1 May 2016 14:39

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-14(6-12FTBGS)

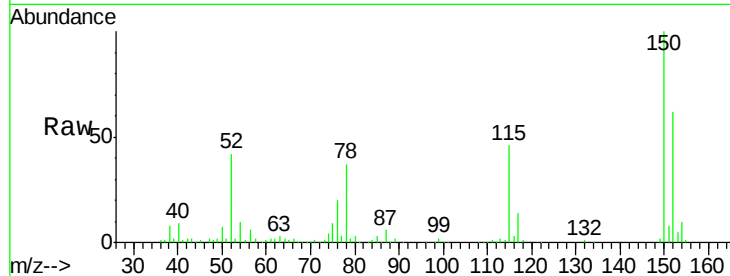
Tgt Ion:152 Resp: 133167

Ion Ratio Lower Upper

152 100

150 162.3 125.8 188.6

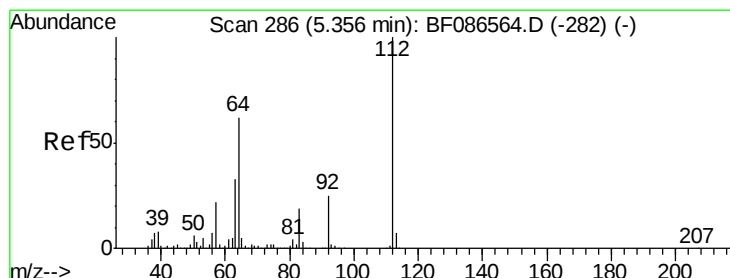
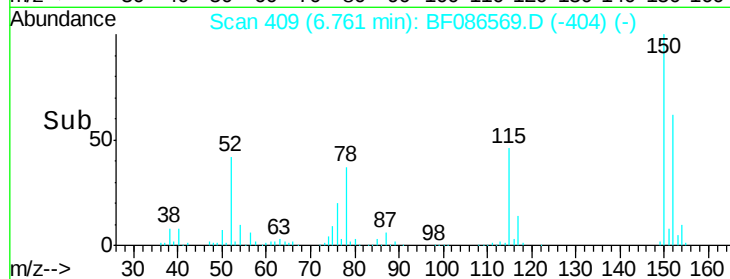
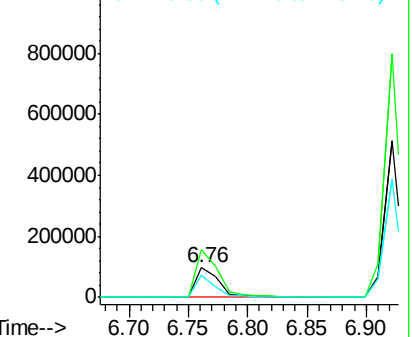
115 73.8 51.5 77.3



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: 146.04 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.01 min

Lab File: BF086569.D

Acq: 1 May 2016 14:39

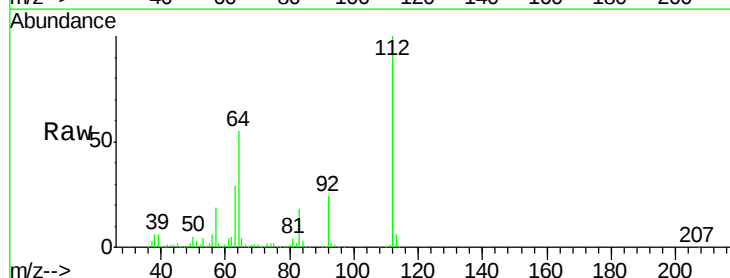
Tgt Ion:112 Resp: 1127484

Ion Ratio Lower Upper

112 100

64 54.8 52.1 78.1

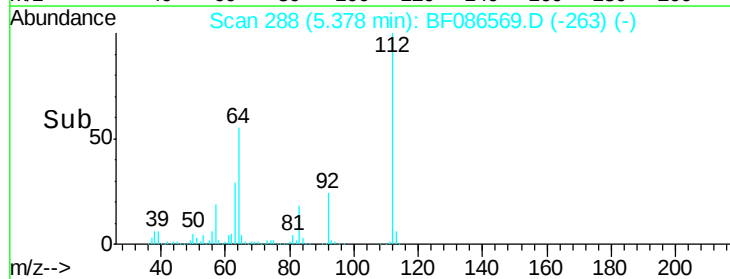
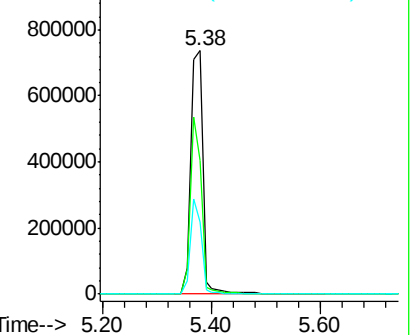
63 29.4 25.7 38.5

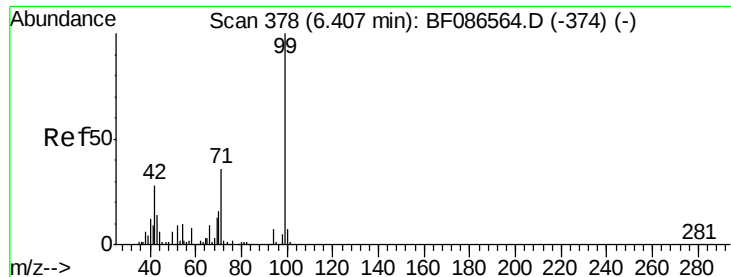


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.90 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086569.D

Acq: 1 May 2016 14:39

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-14(6-12FTBGS)

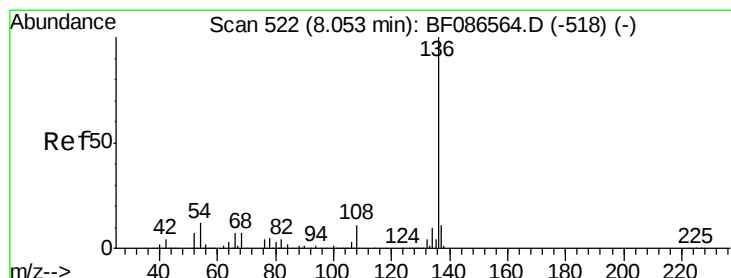
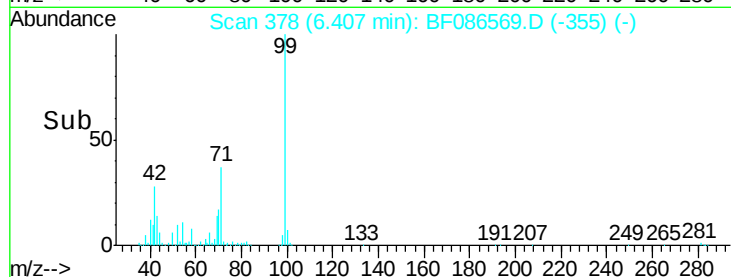
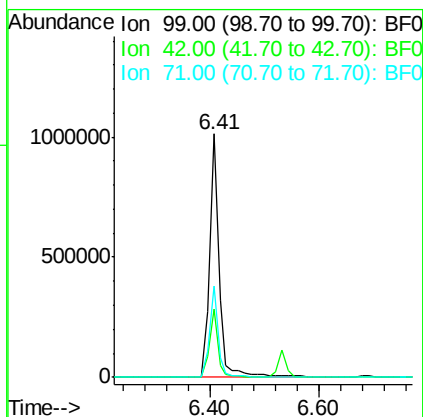
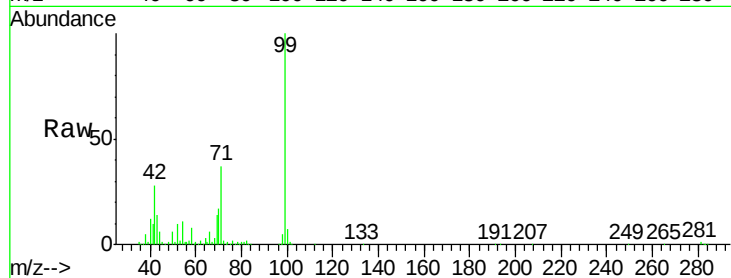
Tgt Ion: 99 Resp: 1248864

Ion Ratio Lower Upper

99 100

42 28.3 13.6 20.4#

71 37.4 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: BF086569.D

Acq: 1 May 2016 14:39

Tgt Ion: 136 Resp: 600373

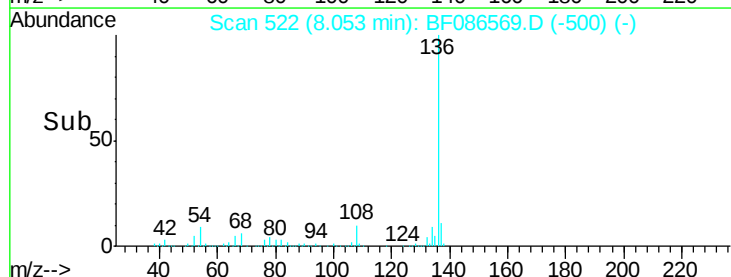
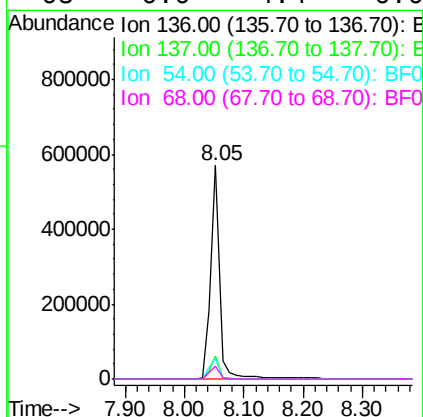
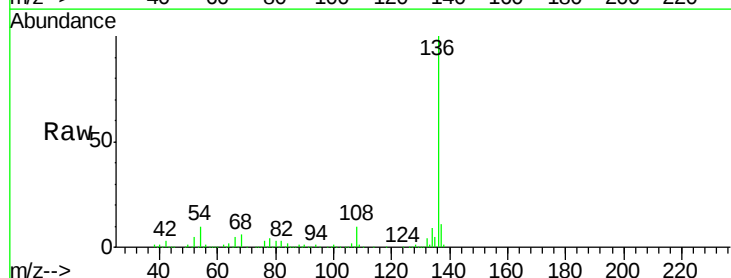
Ion Ratio Lower Upper

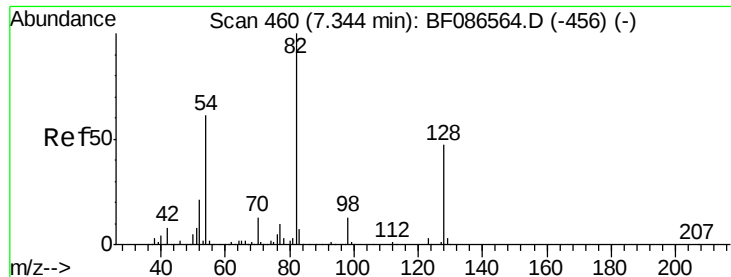
136 100

137 10.7 8.8 13.2

54 9.6 5.0 7.4#

68 6.0 4.4 6.6

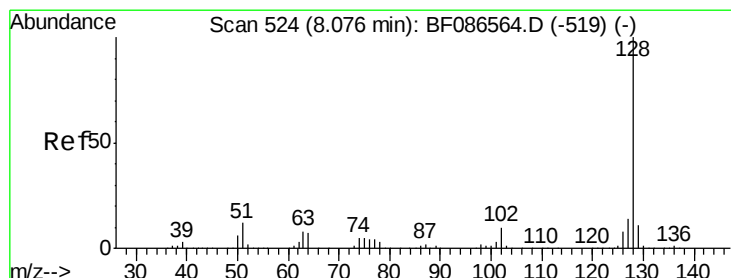
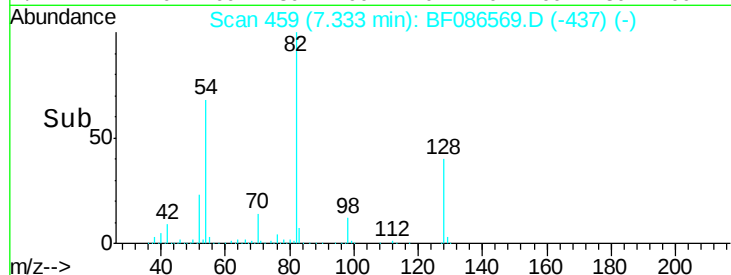
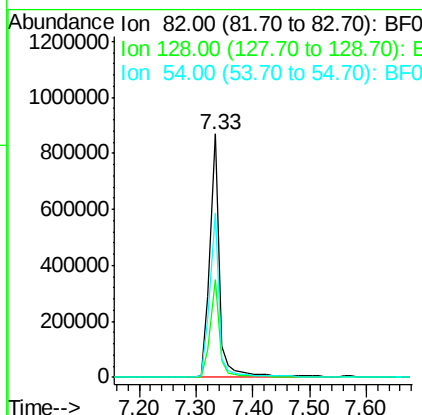
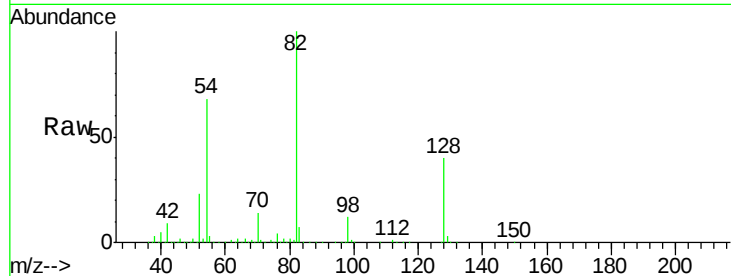




#23
Nitrobenzene-d5
Concen: 90.15 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.05 min
Lab File: BF086569.D
Acq: 1 May 2016 14:39

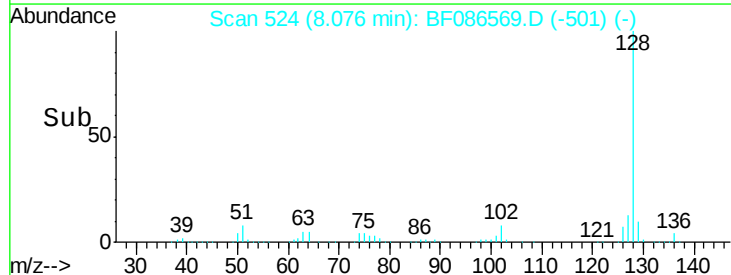
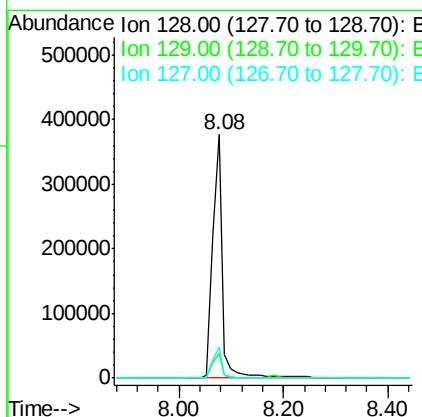
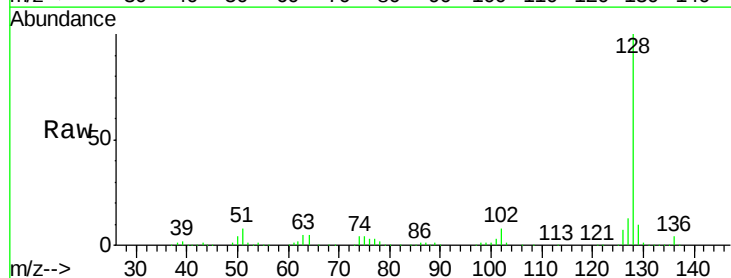
Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-14(6-12FTBGS)

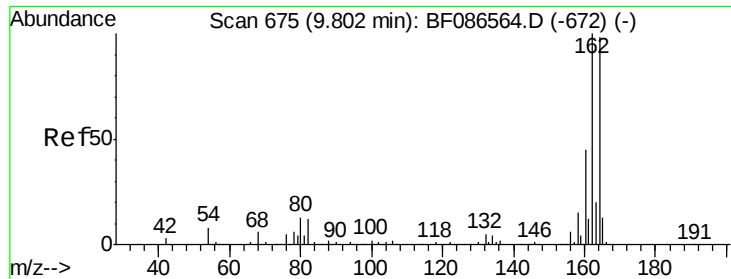
Tgt Ion: 82 Resp: 1004077
Ion Ratio Lower Upper
82 100
128 40.2 40.6 61.0#
54 67.7 38.1 57.1#



#31
Naphthalene
Concen: 15.88 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.03 min
Lab File: BF086569.D
Acq: 1 May 2016 14:39

Tgt Ion: 128 Resp: 485102
Ion Ratio Lower Upper
128 100
129 10.4 8.6 13.0
127 12.8 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: BF086569.D

Acq: 1 May 2016 14:39

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-14(6-12FTBGS)

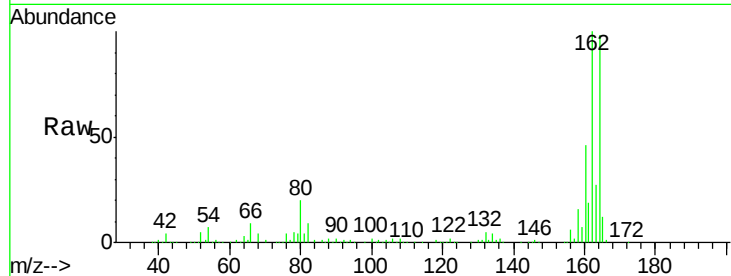
Tgt Ion:164 Resp: 284509

Ion Ratio Lower Upper

164 100

162 102.5 82.8 124.2

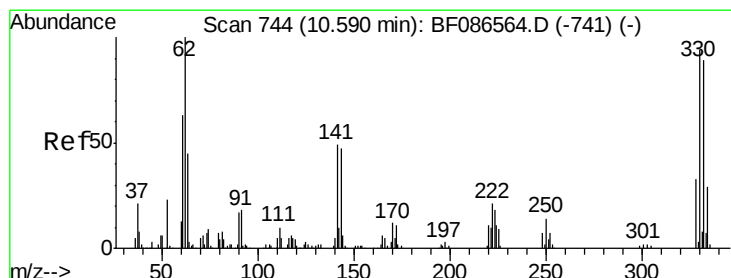
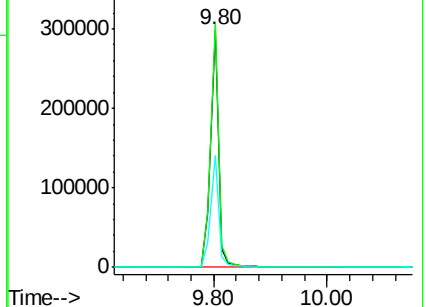
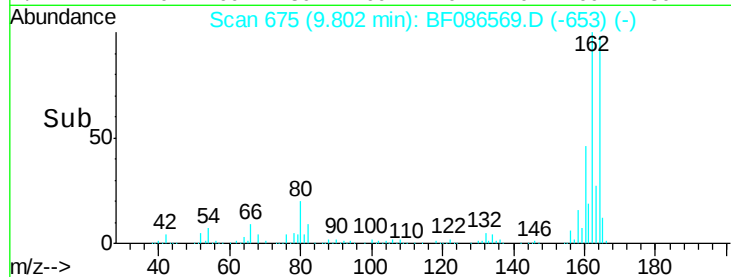
160 46.8 36.9 55.3



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: 125.57 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.05 min

Lab File: BF086569.D

Acq: 1 May 2016 14:39

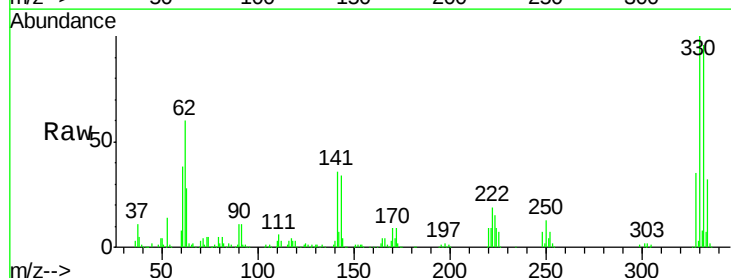
Tgt Ion:330 Resp: 376762

Ion Ratio Lower Upper

330 100

332 96.3 79.0 118.4

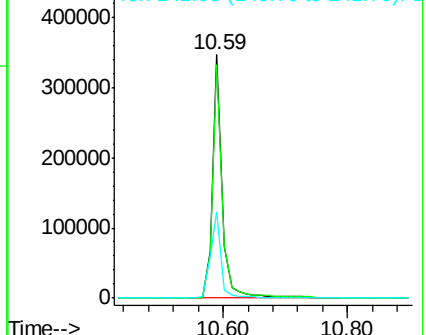
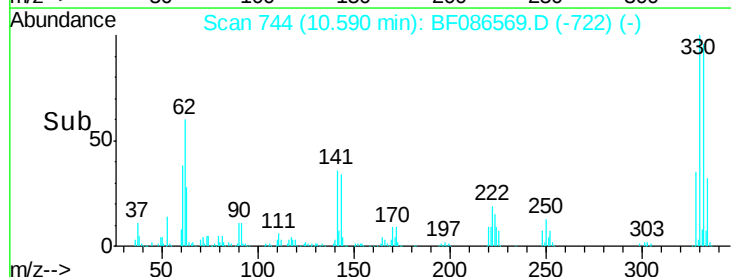
141 39.2 31.2 46.8

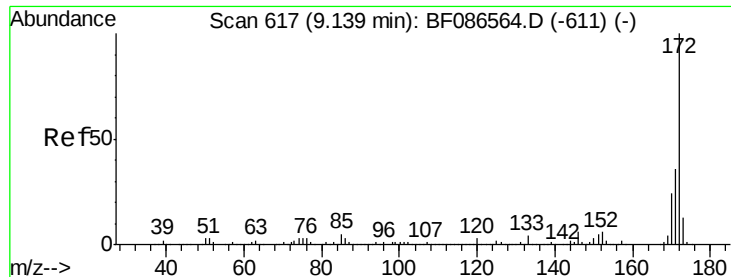


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

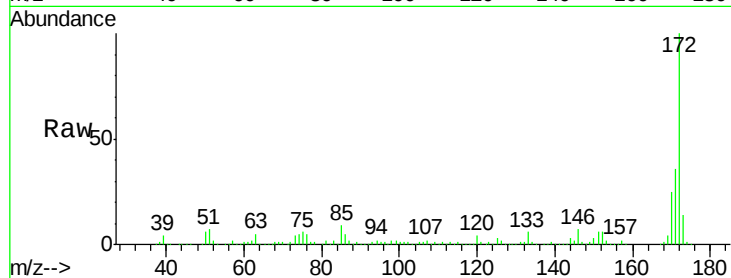




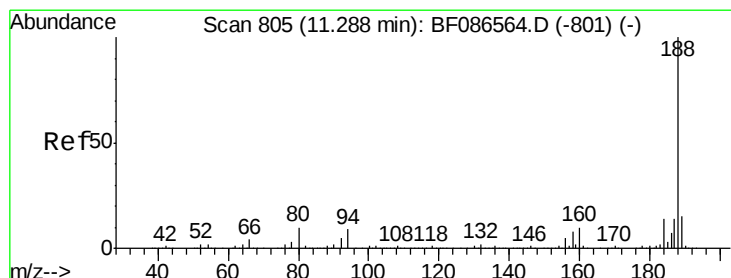
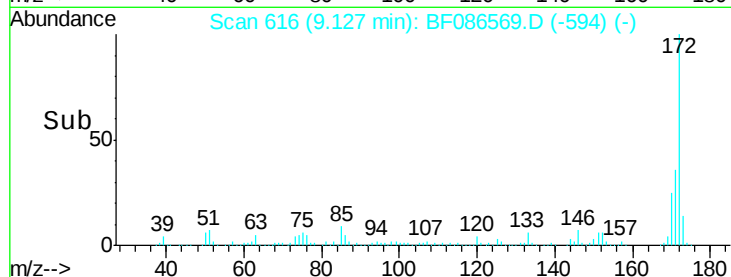
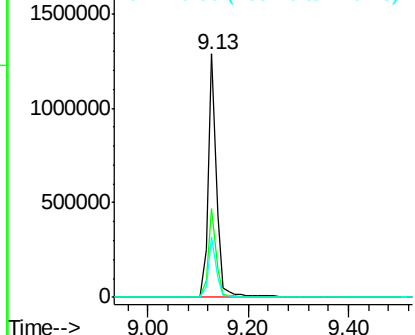
#44
 2-Fluorobiphenyl
 Concen: 93.97 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.05 min
 Lab File: BF086569.D
 Acq: 1 May 2016 14:39

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-14(6-12FTBGS)

Tgt Ion:172 Resp: 1493990
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.6
 170 24.9 19.8 29.8

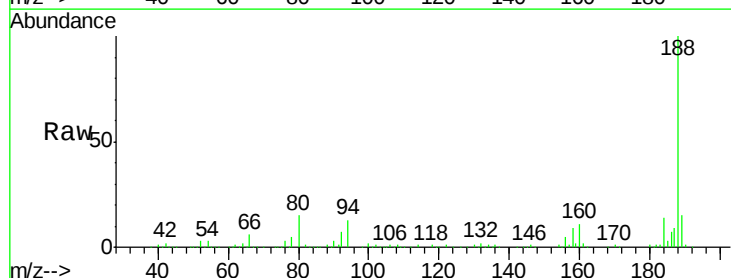


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

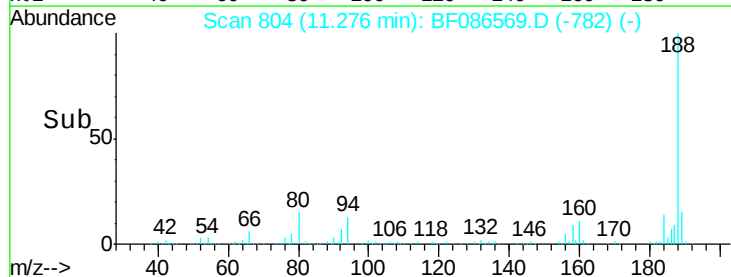
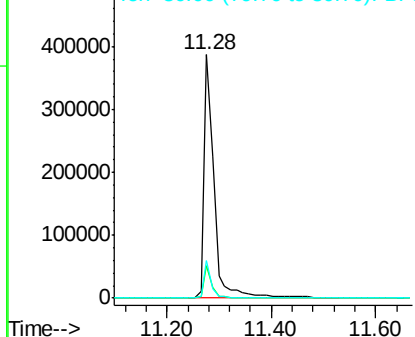


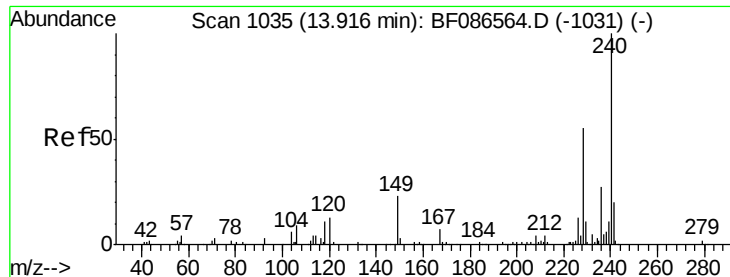
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.05 min
 Lab File: BF086569.D
 Acq: 1 May 2016 14:39

Tgt Ion:188 Resp: 520384
 Ion Ratio Lower Upper
 188 100
 94 13.5 6.8 10.2#
 80 15.4 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: BF086569.D

Acq: 1 May 2016 14:39

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-14(6-12FTBGS)

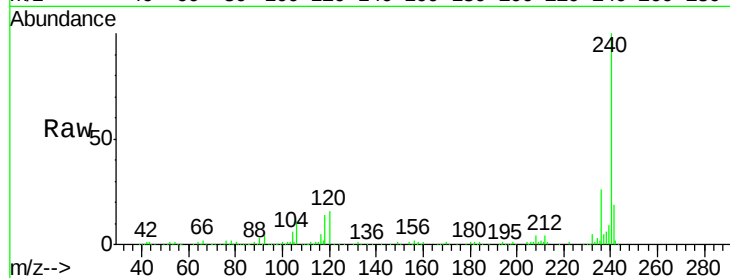
Tgt Ion:240 Resp: 345626

Ion Ratio Lower Upper

240 100

120 16.0 11.2 16.8

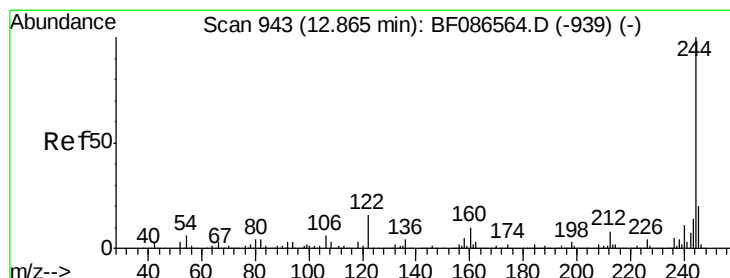
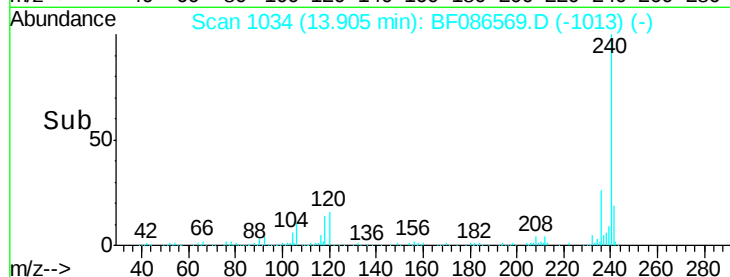
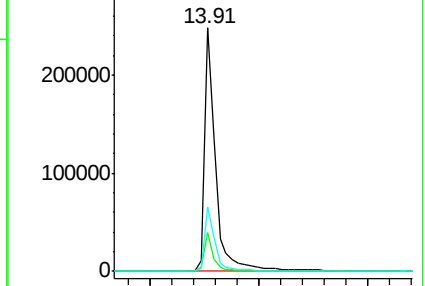
236 26.4 21.2 31.8



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: 90.75 ng

RT: 12.86 min Scan# 943

Delta R.T. -0.05 min

Lab File: BF086569.D

Acq: 1 May 2016 14:39

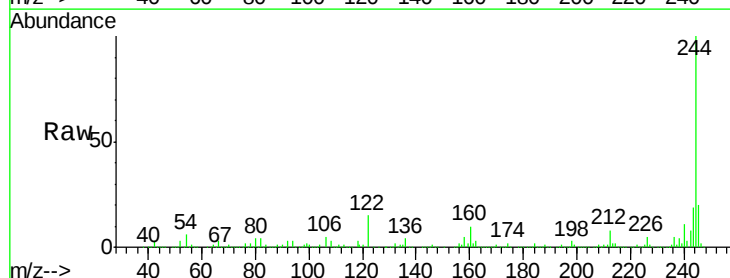
Tgt Ion:244 Resp: 1423744

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

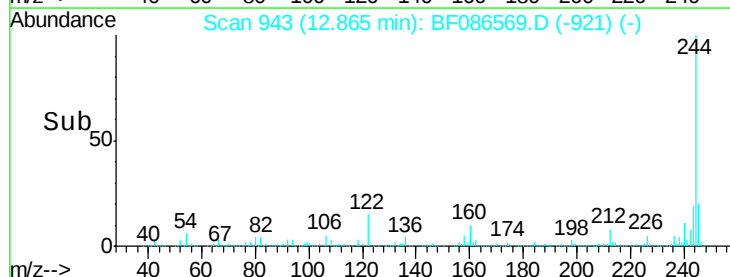
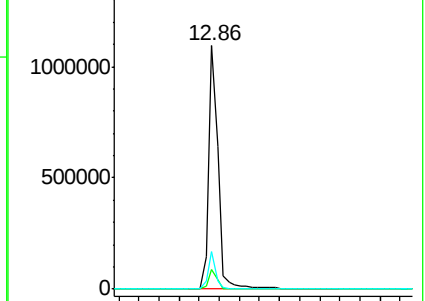
122 15.3 12.0 18.0

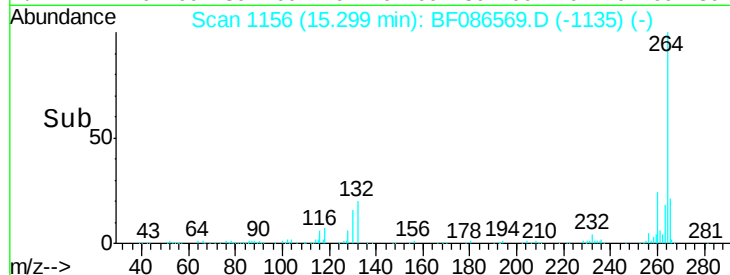
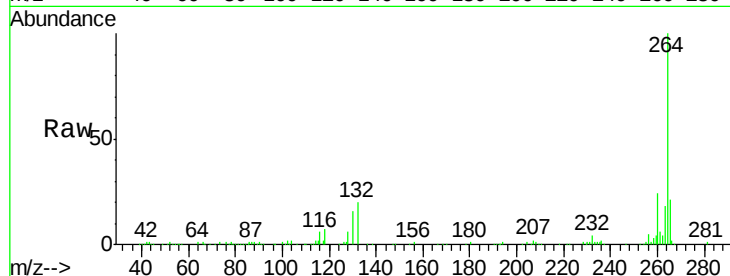
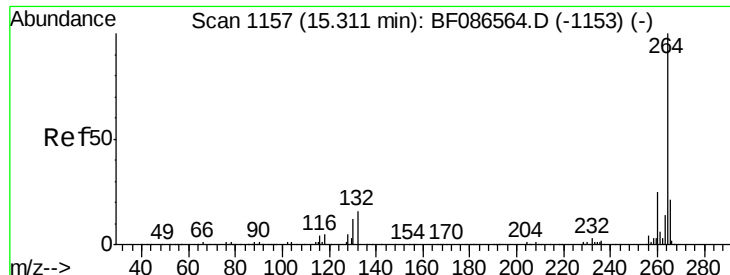


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF086569.D
Acq: 1 May 2016 14:39

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-14(6-12FTBGS)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.4	17.3	25.9

