

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050116\
 Data File : BF086601.D
 Acq On : 2 May 2016 6:32
 Operator : UM/SJ
 Sample : H2686-05
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-2(0-10FTBGS)

Quant Time: May 02 07:12:31 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

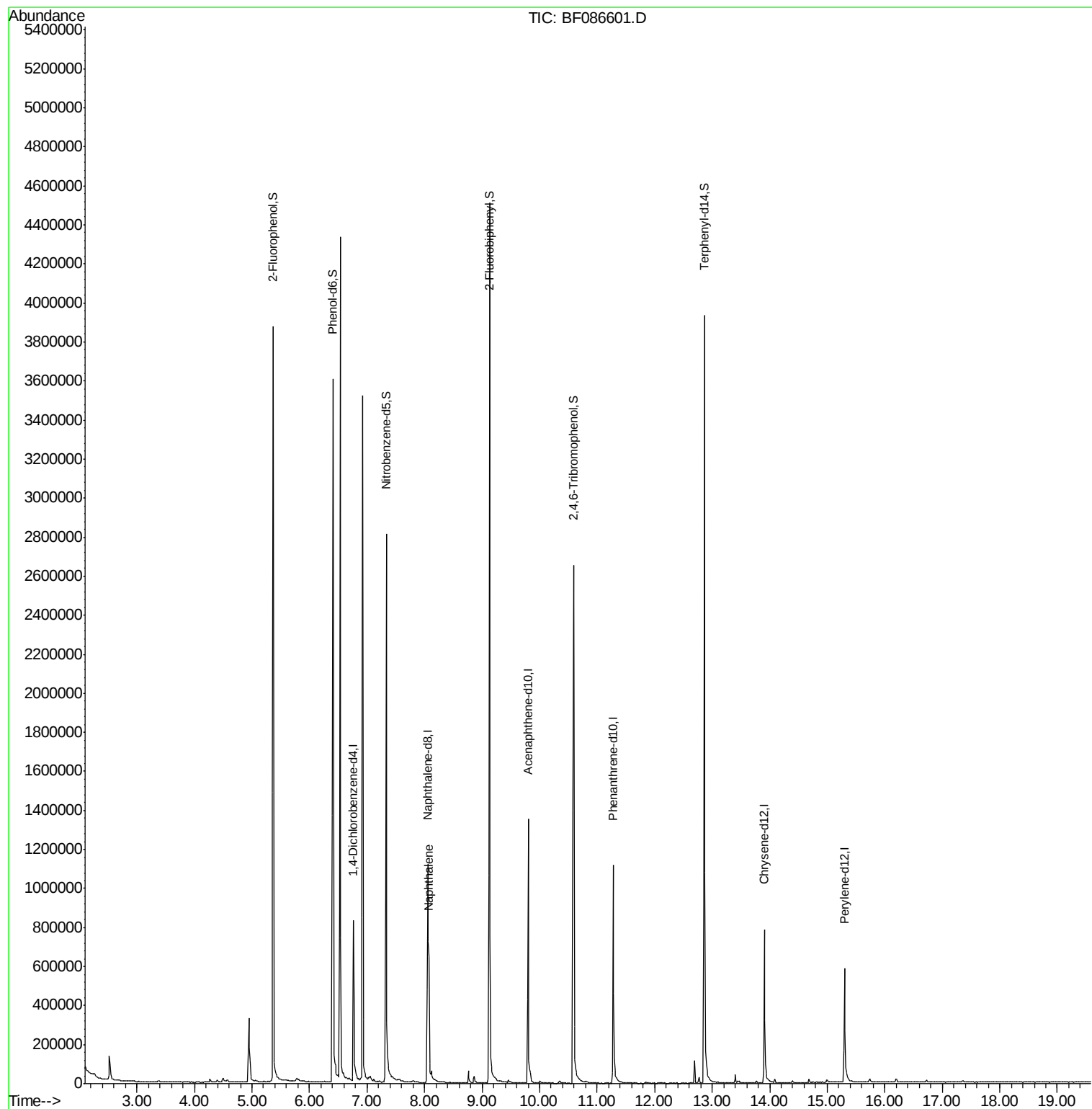
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	139426	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	595425	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	285814	20.00	ng	-0.05
63) Phenanthrene-d10	11.28	188	531365	20.00	ng	-0.05
75) Chrysene-d12	13.91	240	371024	20.00	ng	-0.06
86) Perylene-d12	15.30	264	316239	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1036716	128.25	ng	-0.02
7) Phenol-d6	6.41	99	1283638	113.78	ng	-0.03
23) Nitrobenzene-d5	7.33	82	1013481	91.75	ng	-0.05
41) 2,4,6-Tribromophenol	10.59	330	395073	131.07	ng	-0.05
44) 2-Fluorobiphenyl	9.13	172	1490026	93.09	ng	-0.05
78) Terphenyl-d14	12.87	244	1394010	82.78	ng	-0.05
Target Compounds						
31) Naphthalene	8.08	128	488521	16.12	ng	Qvalue 99

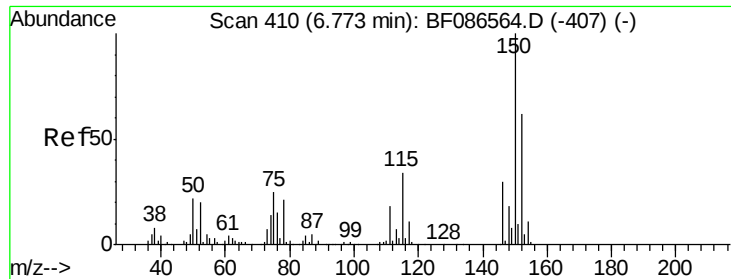
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086601.D

Acq: 2 May 2016 6:32

Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-2(0-10FTBGS)

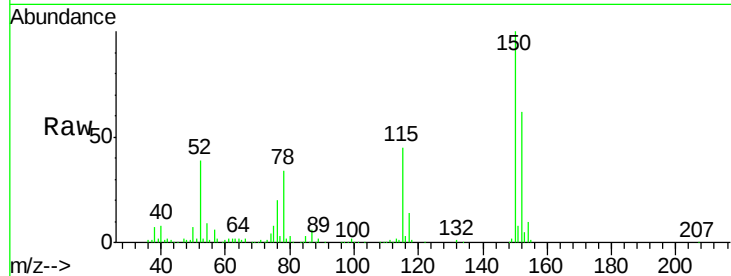
Tgt Ion:152 Resp: 139426

Ion Ratio Lower Upper

152 100

150 161.0 125.8 188.6

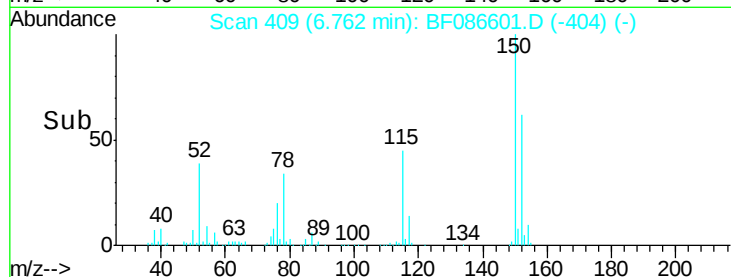
115 71.8 51.5 77.3



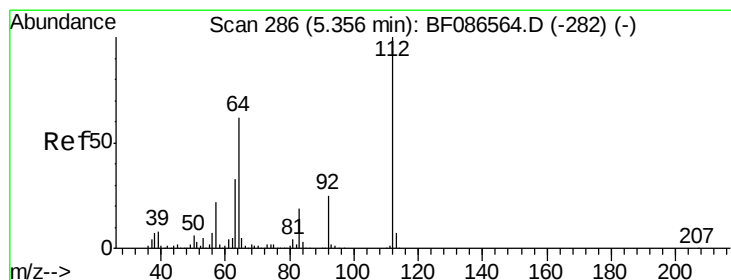
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time--> 6.70 6.75 6.80 6.85 6.90



#5

2-Fluorophenol

Concen: 128.25 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.02 min

Lab File: BF086601.D

Acq: 2 May 2016 6:32

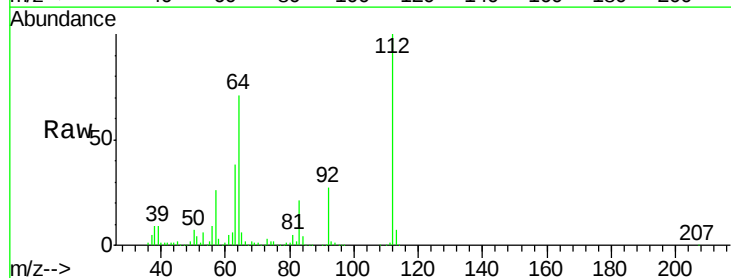
Tgt Ion:112 Resp: 1036716

Ion Ratio Lower Upper

112 100

64 71.0 52.1 78.1

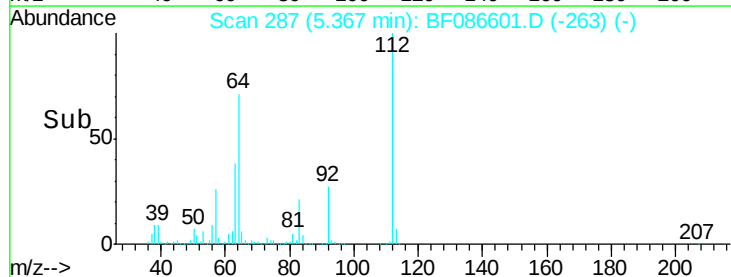
63 38.0 25.7 38.5



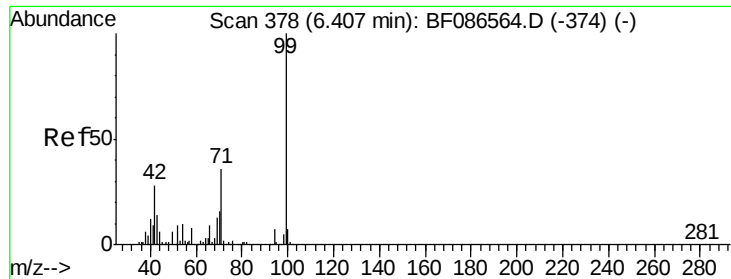
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time--> 5.20 5.40 5.60



#7

Phenol-d6

Concen: 113.78 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086601.D

Acq: 2 May 2016 6:32

Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-2(0-10FTBGS)

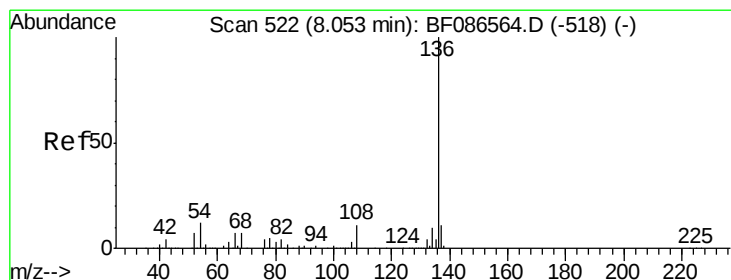
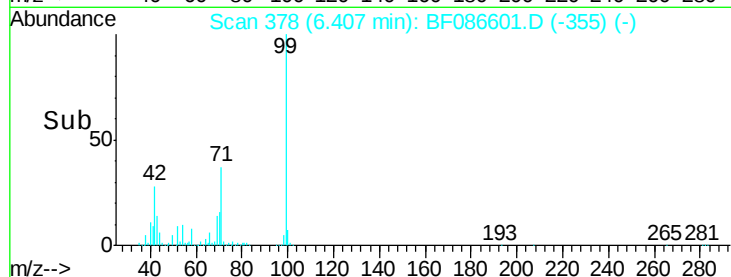
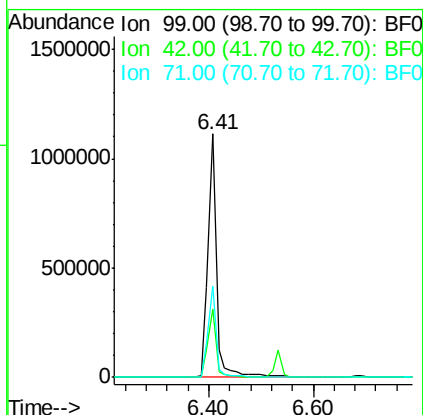
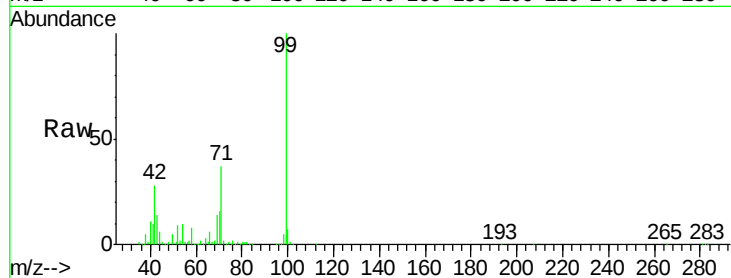
Tgt Ion: 99 Resp: 1283638

Ion Ratio Lower Upper

99 100

42 27.8 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: BF086601.D

Acq: 2 May 2016 6:32

Tgt Ion: 136 Resp: 595425

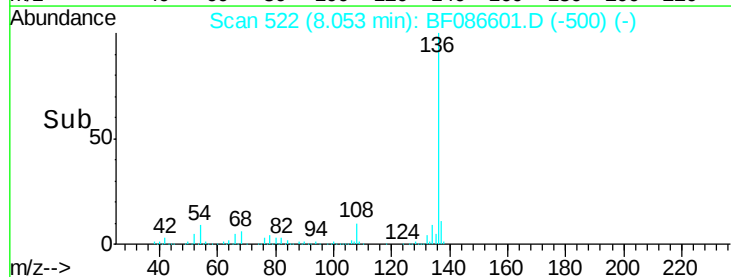
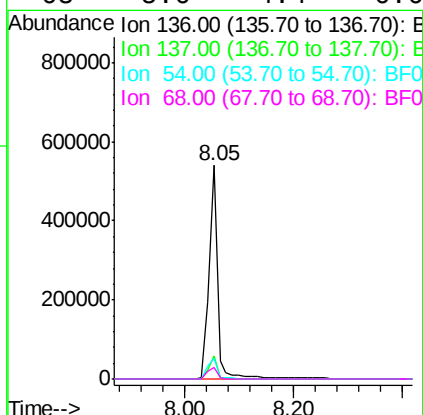
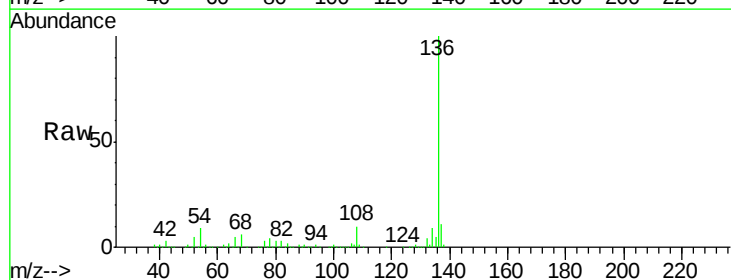
Ion Ratio Lower Upper

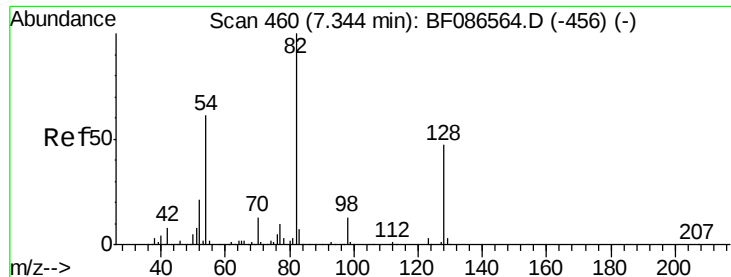
136 100

137 10.8 8.8 13.2

54 9.3 5.0 7.4#

68 5.6 4.4 6.6

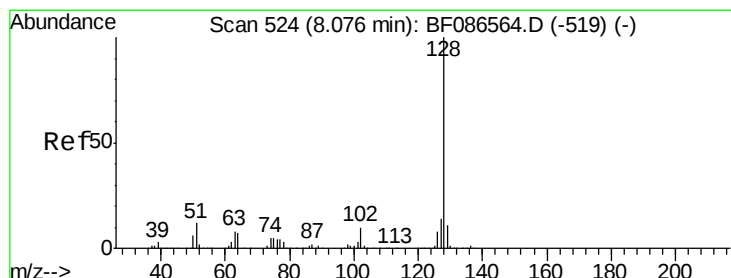
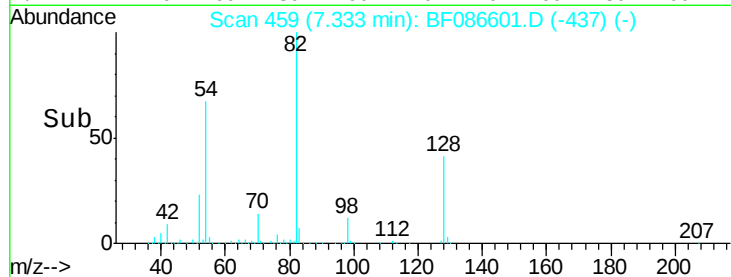
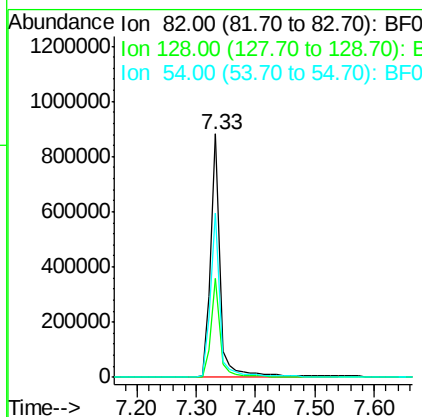
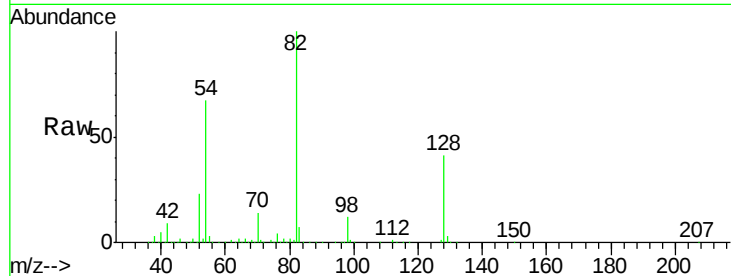




#23
 Nitrobenzene-d5
 Concen: 91.75 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.05 min
 Lab File: BF086601.D
 Acq: 2 May 2016 6:32

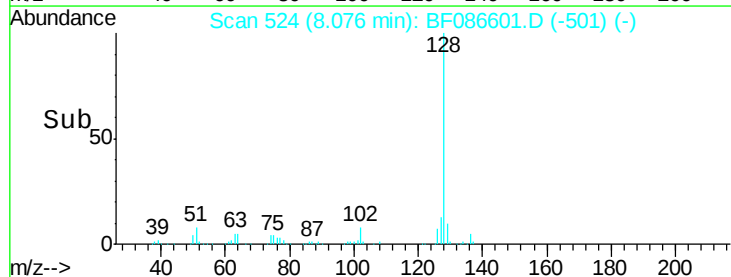
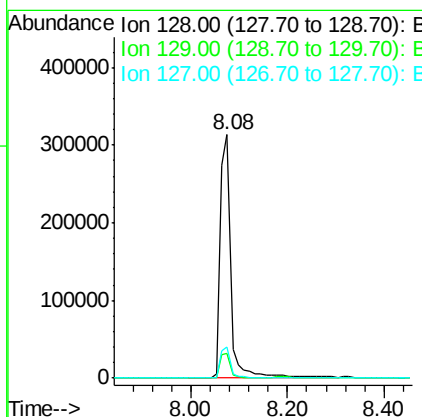
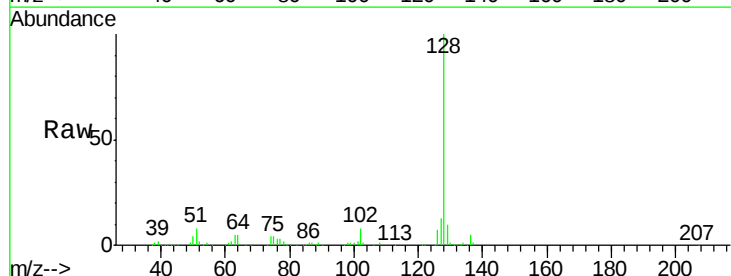
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-2(0-10FTBGS)

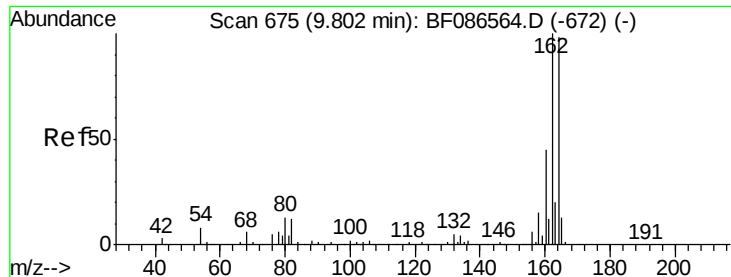
Tgt Ion: 82 Resp: 1013481
 Ion Ratio Lower Upper
 82 100
 128 40.8 40.6 61.0
 54 67.3 38.1 57.1#



#31
 Naphthalene
 Concen: 16.12 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.03 min
 Lab File: BF086601.D
 Acq: 2 May 2016 6:32

Tgt Ion: 128 Resp: 488521
 Ion Ratio Lower Upper
 128 100
 129 10.4 8.6 13.0
 127 12.9 10.8 16.2

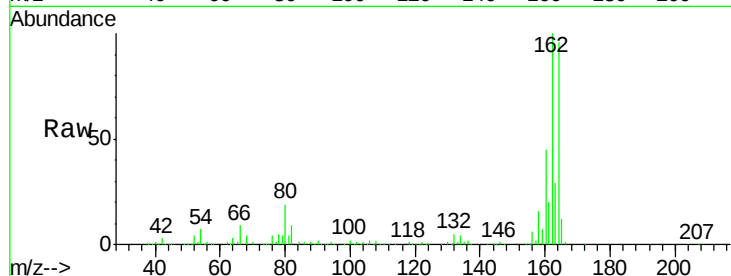




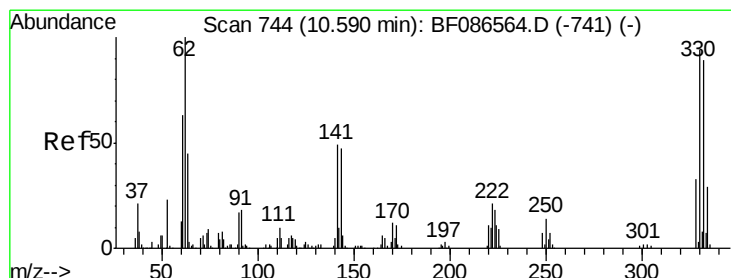
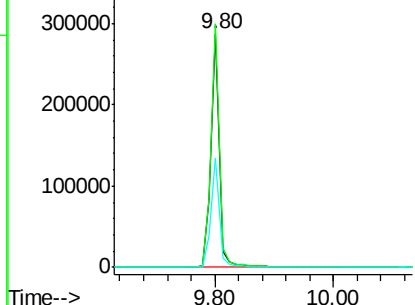
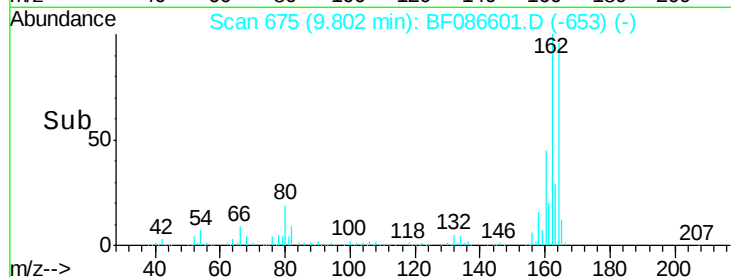
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.05 min
 Lab File: BF086601.D
 Acq: 2 May 2016 6:32

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-2(0-10FTBGS)

Tgt Ion:164 Resp: 285814
 Ion Ratio Lower Upper
 164 100
 162 104.1 82.8 124.2
 160 46.7 36.9 55.3

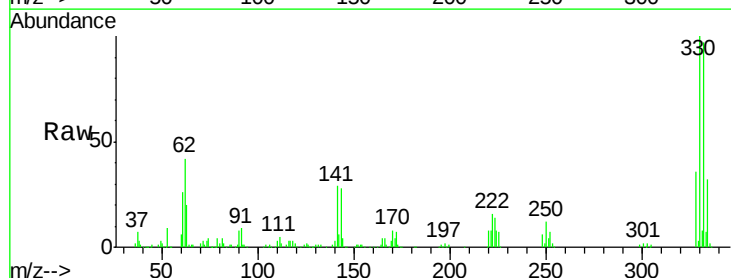


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

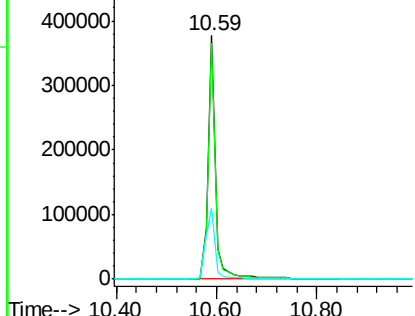
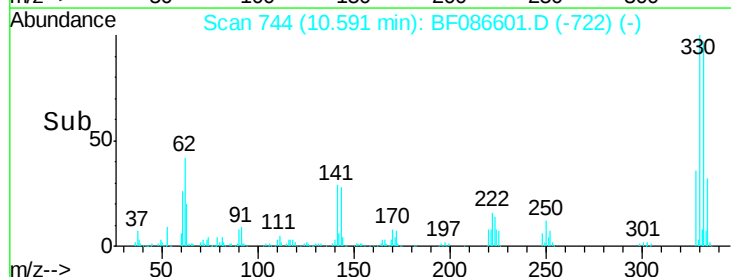


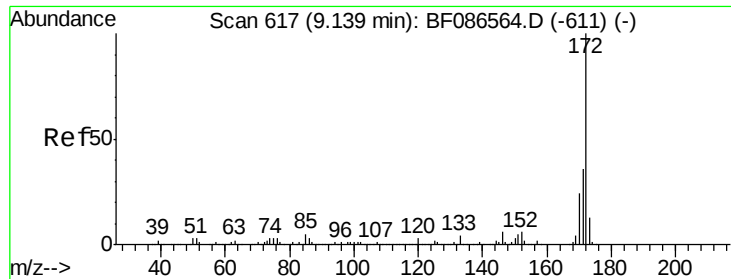
#41
 2,4,6-Tribromophenol
 Concen: 131.07 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.05 min
 Lab File: BF086601.D
 Acq: 2 May 2016 6:32

Tgt Ion:330 Resp: 395073
 Ion Ratio Lower Upper
 330 100
 332 96.6 79.0 118.4
 141 37.0 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: 93.09 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.05 min

Lab File: BF086601.D

Acq: 2 May 2016 6:32

Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-2(0-10FTBGS)

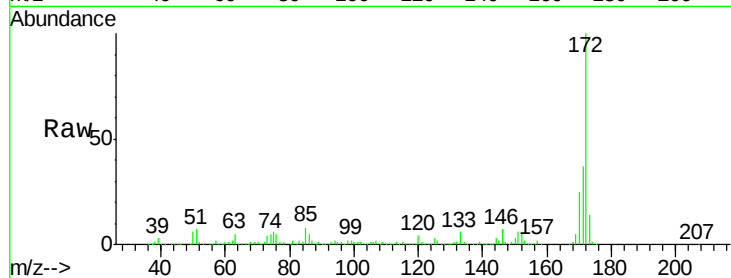
Tgt Ion:172 Resp: 1490026

Ion Ratio Lower Upper

172 100

171 36.6 29.0 43.6

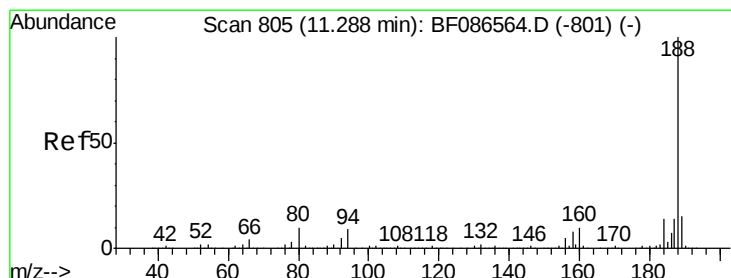
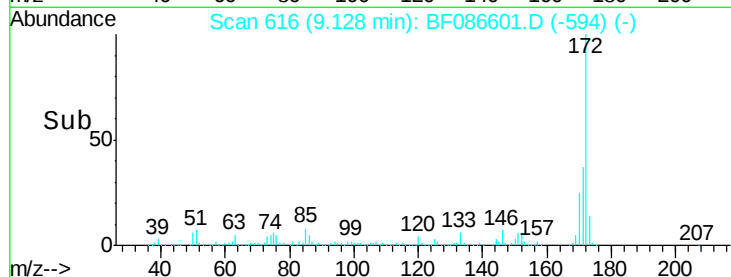
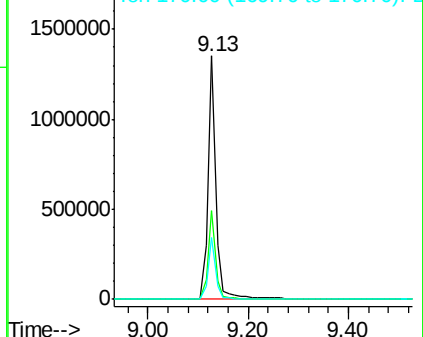
170 25.2 19.8 29.8



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: BF086601.D

Acq: 2 May 2016 6:32

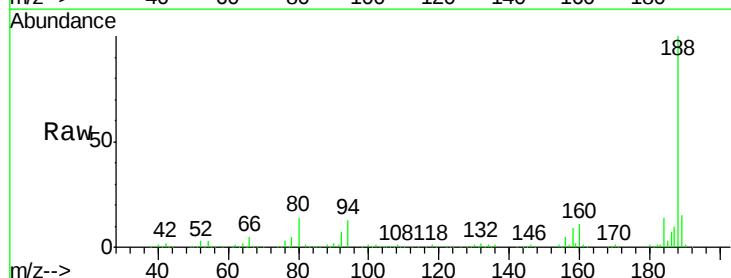
Tgt Ion:188 Resp: 531365

Ion Ratio Lower Upper

188 100

94 12.9 6.8 10.2#

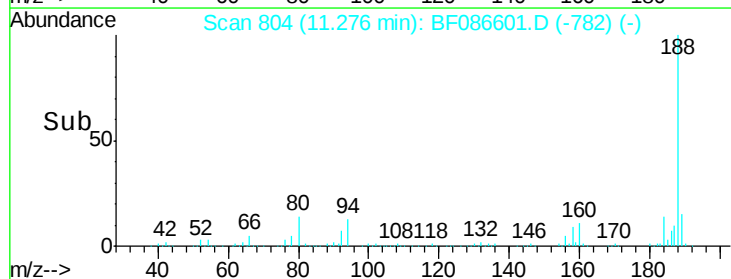
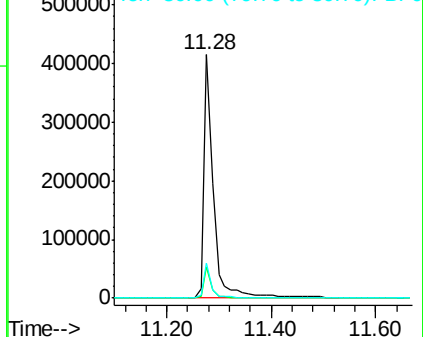
80 14.2 7.1 10.7#

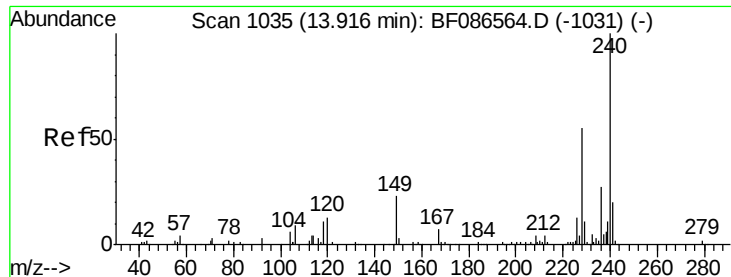


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF086601.D

Acq: 2 May 2016 6:32

Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-2(0-10FTBGS)

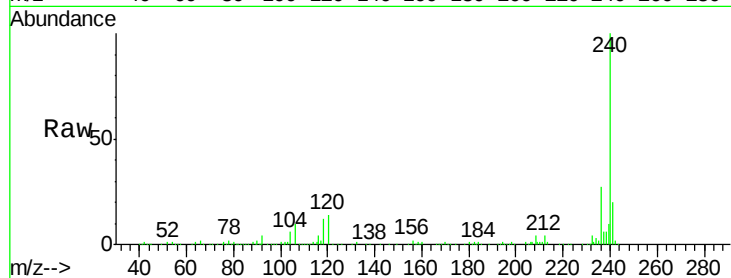
Tgt Ion:240 Resp: 371024

Ion Ratio Lower Upper

240 100

120 14.2 11.2 16.8

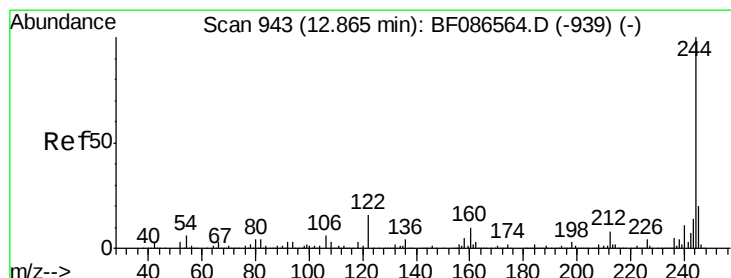
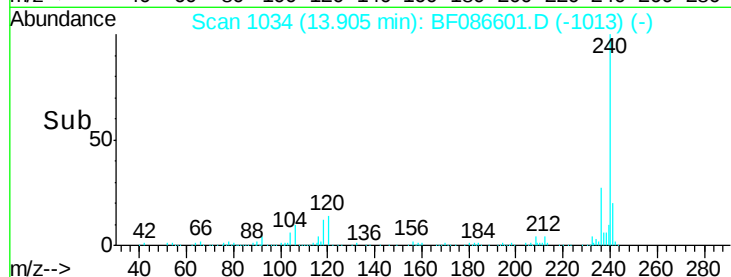
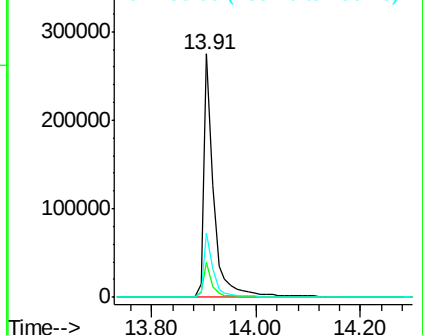
236 26.7 21.2 31.8



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: 82.78 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.05 min

Lab File: BF086601.D

Acq: 2 May 2016 6:32

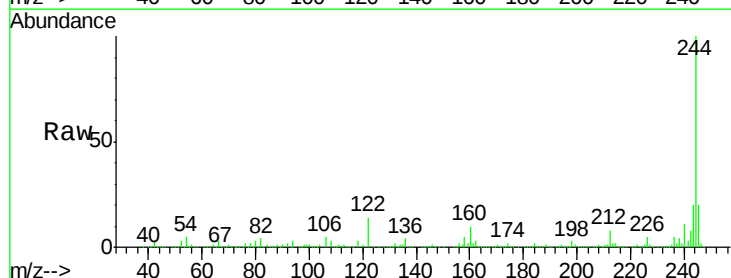
Tgt Ion:244 Resp: 1394010

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

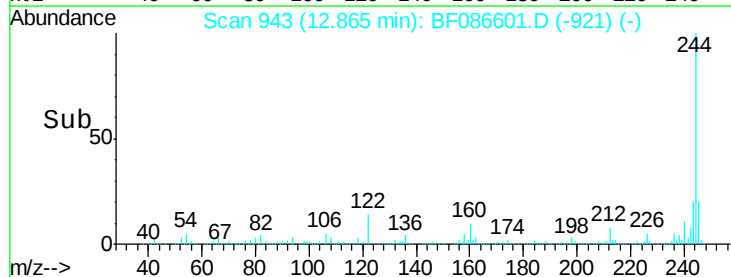
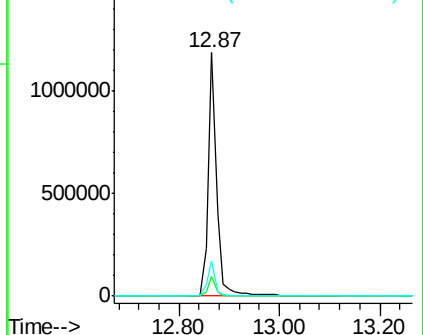
122 14.5 12.0 18.0

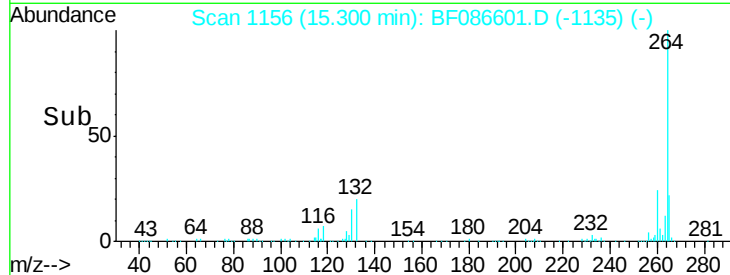
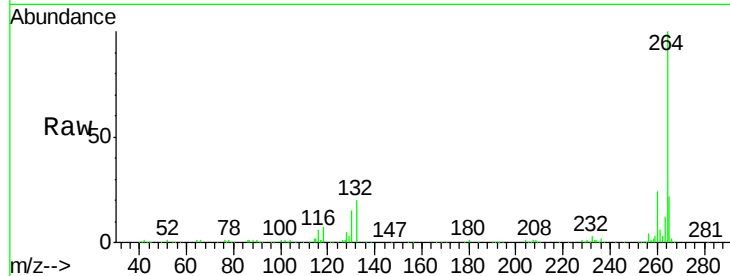
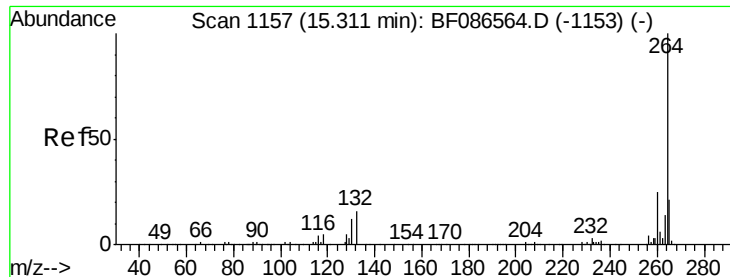


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF086601.D
Acq: 2 May 2016 6:32

Instrument :
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26WARD-2B-CS-2(0-10FTBGS)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.5	17.3	25.9

