

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050116\
 Data File : BF086605.D
 Acq On : 2 May 2016 8:24
 Operator : UM/SJ
 Sample : H2686-09
 Misc :
 ALS Vial : 88 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-8(10-20FTBGS)

Quant Time: May 02 15:59:18 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

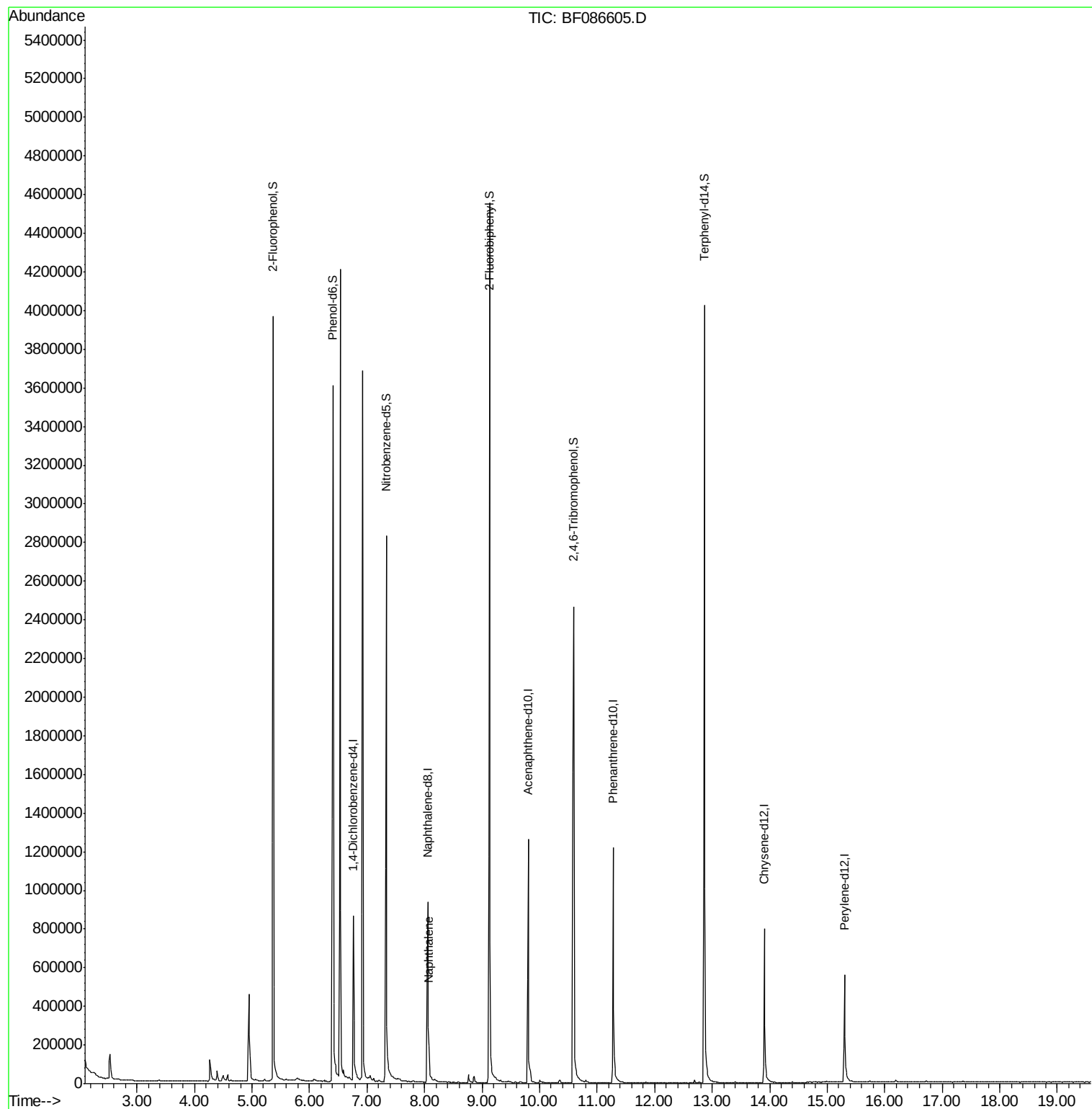
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	140356	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	590381	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	288265	20.00	ng	-0.05
63) Phenanthrene-d10	11.28	188	538690	20.00	ng	-0.05
75) Chrysene-d12	13.91	240	371677	20.00	ng	-0.06
86) Perylene-d12	15.30	264	305557	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1027517	126.27	ng	-0.02
7) Phenol-d6	6.41	99	1289613	113.55	ng	-0.03
23) Nitrobenzene-d5	7.33	82	1046188	95.52	ng	-0.05
41) 2,4,6-Tribromophenol	10.59	330	406061	133.57	ng	-0.05
44) 2-Fluorobiphenyl	9.13	172	1529241	95.22	ng	-0.05
78) Terphenyl-d14	12.87	244	1442069	85.48	ng	-0.05
Target Compounds						
31) Naphthalene	8.06	128	140866	4.69	ng	Qvalue 99

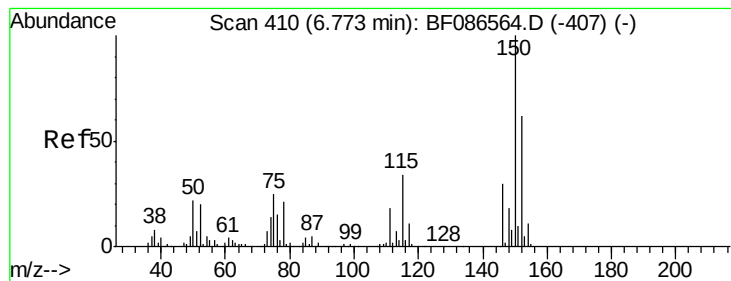
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086605.D

Acq: 2 May 2016 8:24

Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-8(10-20FTBGS)

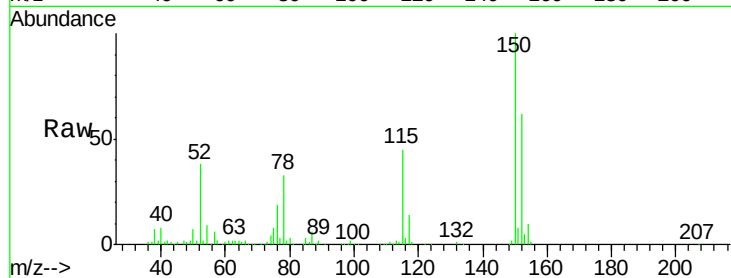
Tgt Ion:152 Resp: 140356

Ion Ratio Lower Upper

152 100

150 160.2 125.8 188.6

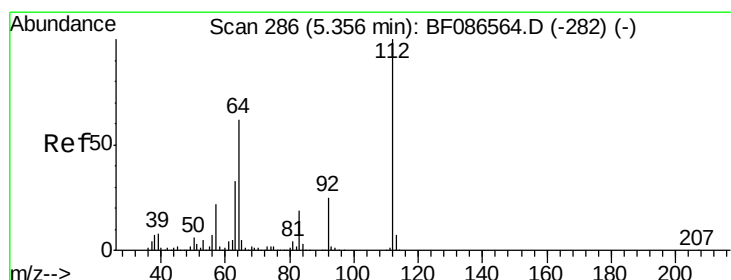
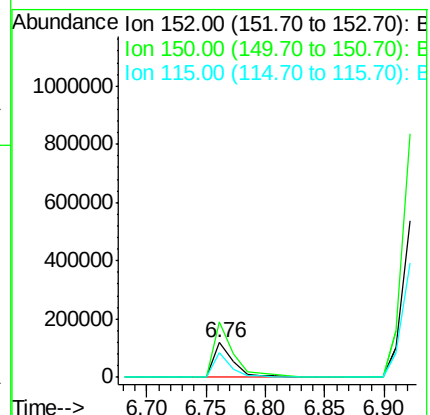
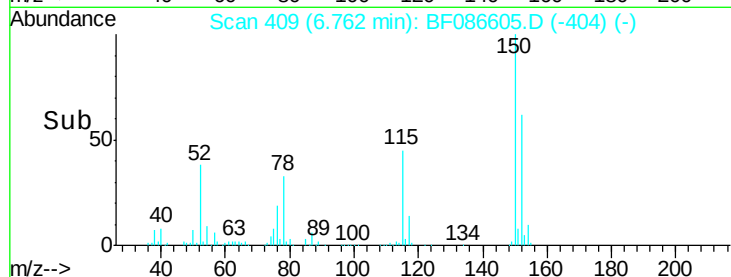
115 71.4 51.5 77.3



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: 126.27 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.02 min

Lab File: BF086605.D

Acq: 2 May 2016 8:24

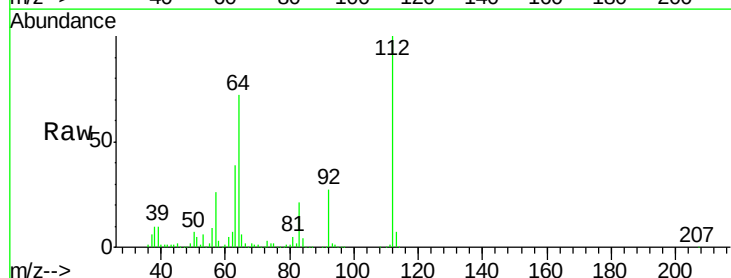
Tgt Ion:112 Resp: 1027517

Ion Ratio Lower Upper

112 100

64 72.4 52.1 78.1

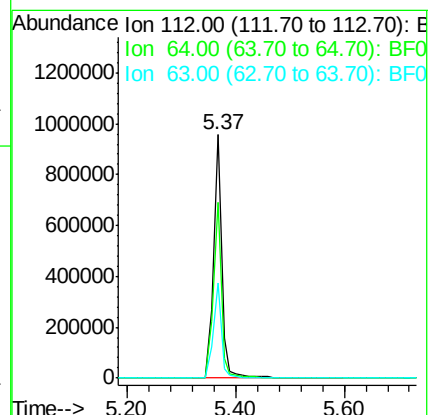
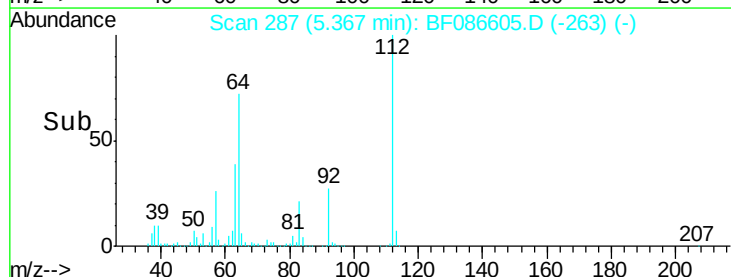
63 39.3 25.7 38.5#

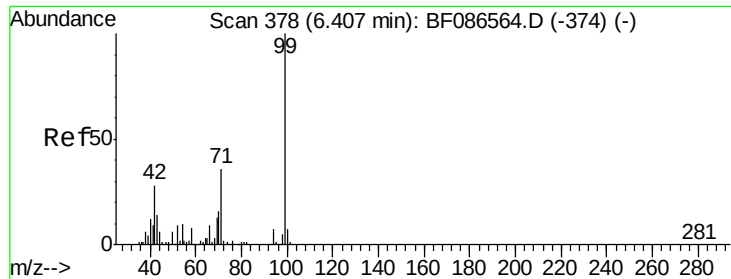


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.55 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086605.D

Acq: 2 May 2016 8:24

Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-8(10-20FTBGS)

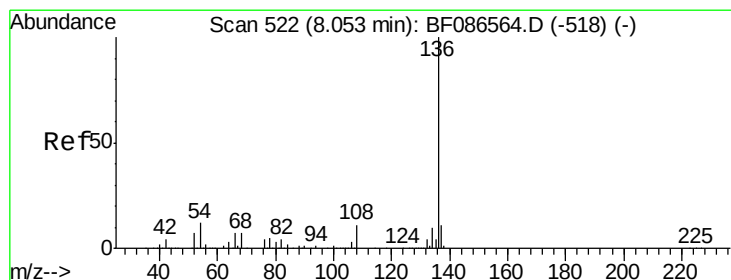
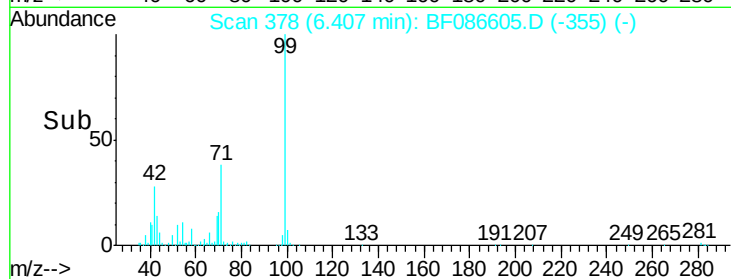
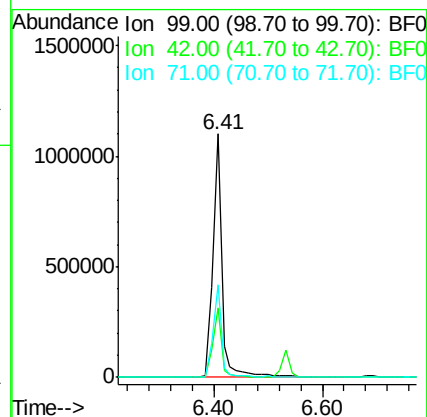
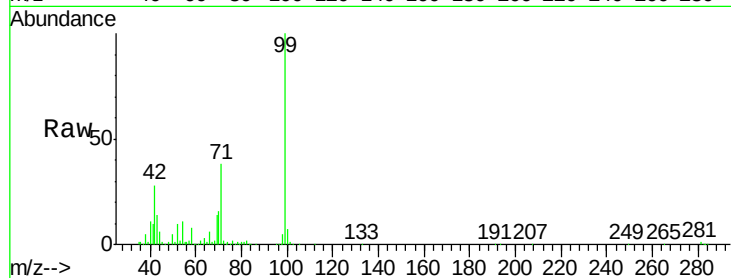
Tgt Ion: 99 Resp: 1289613

Ion Ratio Lower Upper

99 100

42 28.3 13.6 20.4#

71 38.0 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: BF086605.D

Acq: 2 May 2016 8:24

Tgt Ion: 136 Resp: 590381

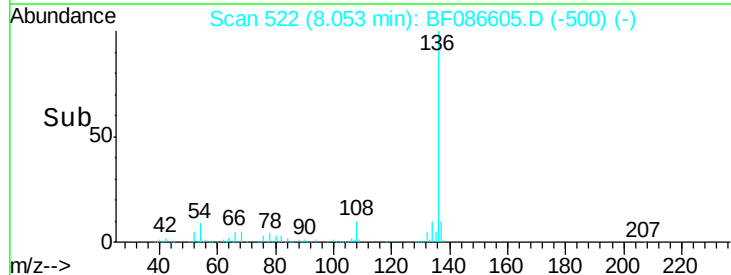
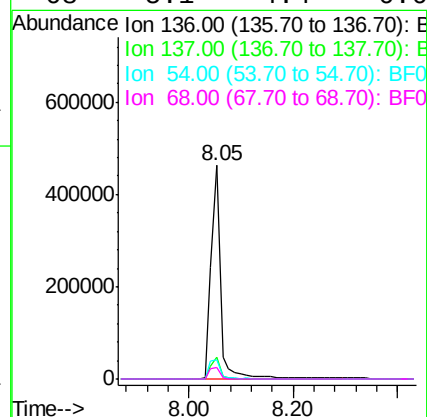
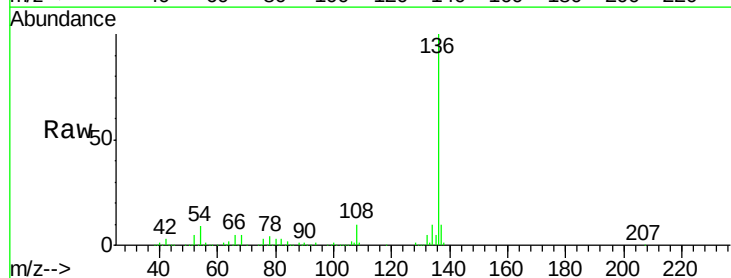
Ion Ratio Lower Upper

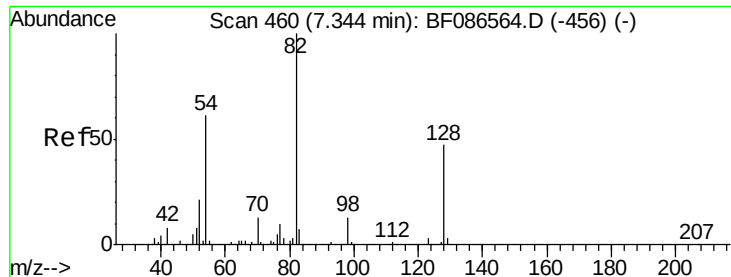
136 100

137 10.5 8.8 13.2

54 8.8 5.0 7.4#

68 5.1 4.4 6.6





#23

Nitrobenzene-d5

Concen: 95.52 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.05 min

Lab File: BF086605.D

Acq: 2 May 2016 8:24

Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-8(10-20FTBGS)

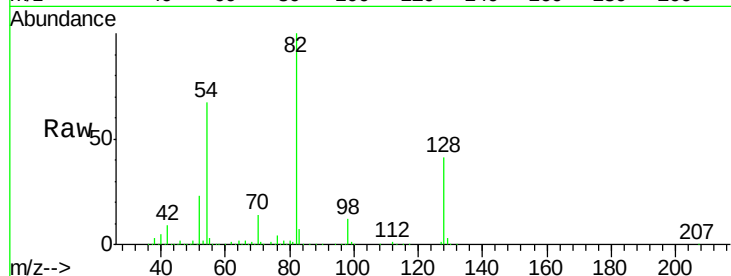
Tgt Ion: 82 Resp: 1046188

Ion Ratio Lower Upper

82 100

128 41.3 40.6 61.0

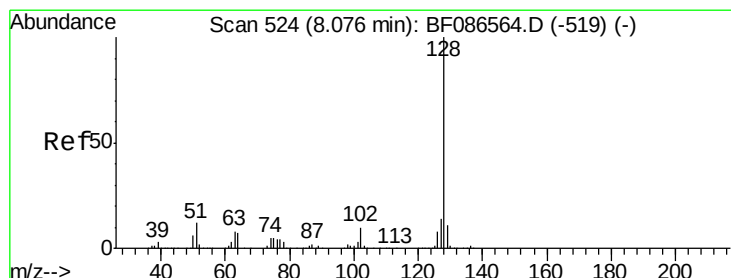
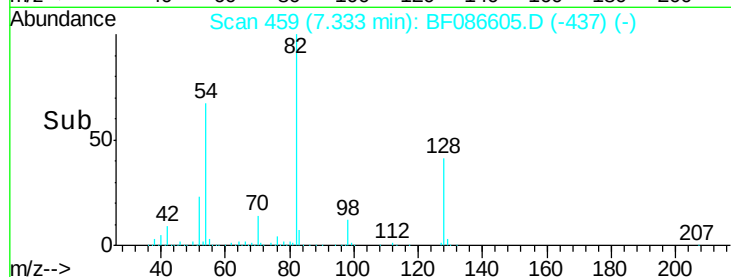
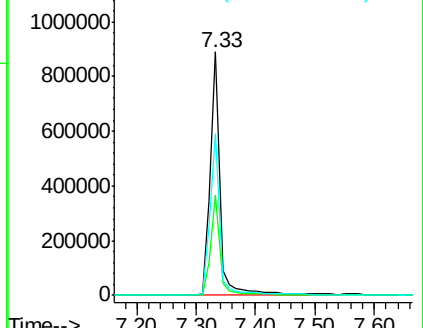
54 66.6 38.1 57.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#31

Naphthalene

Concen: 4.69 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.05 min

Lab File: BF086605.D

Acq: 2 May 2016 8:24

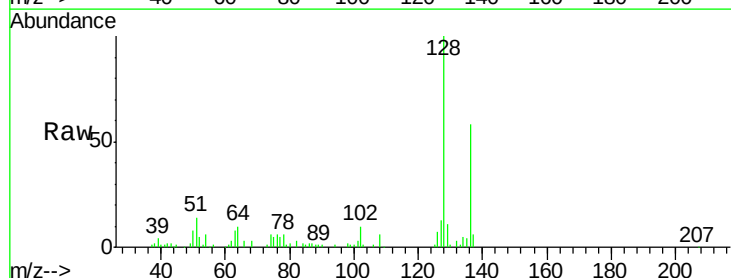
Tgt Ion: 128 Resp: 140866

Ion Ratio Lower Upper

128 100

129 10.9 8.6 13.0

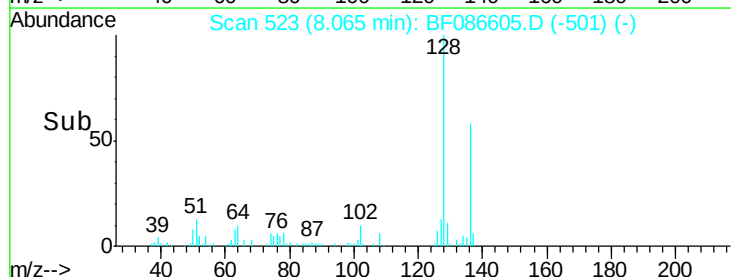
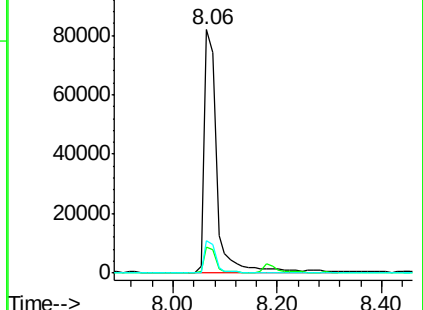
127 13.1 10.8 16.2

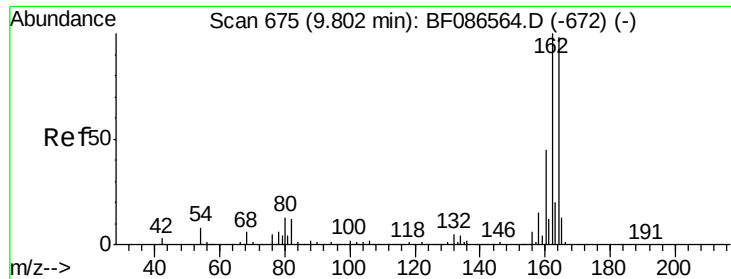


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

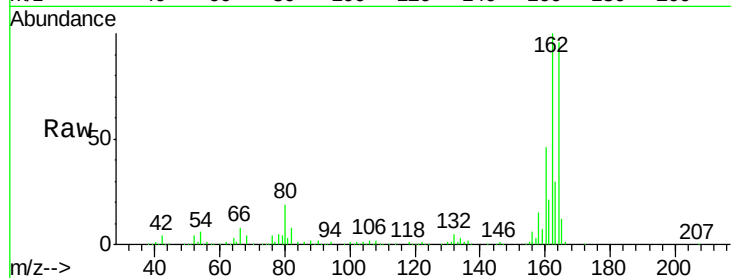




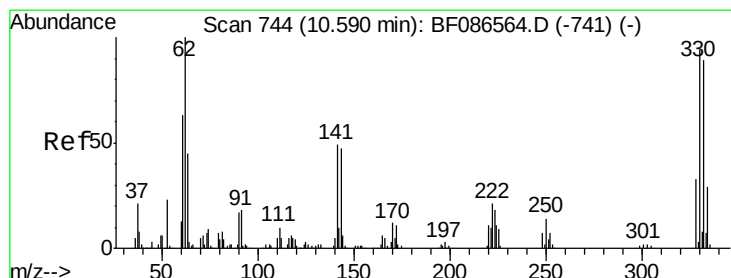
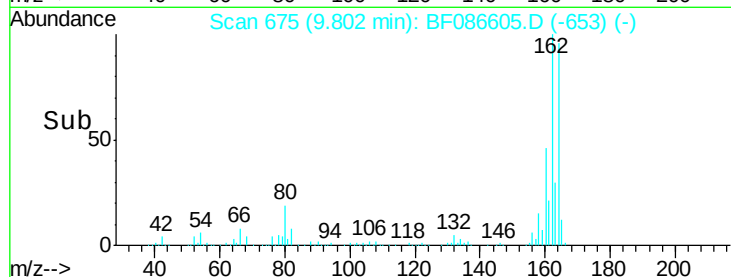
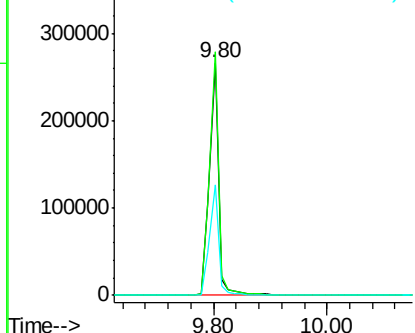
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.05 min
Lab File: BF086605.D
Acq: 2 May 2016 8:24

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-8(10-20FTBGS)

Tgt Ion:164 Resp: 288265
Ion Ratio Lower Upper
164 100
162 104.6 82.8 124.2
160 47.7 36.9 55.3

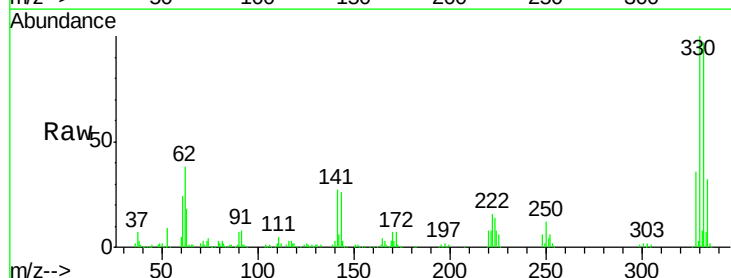


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

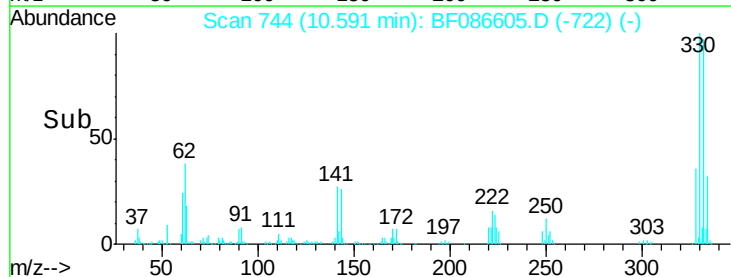
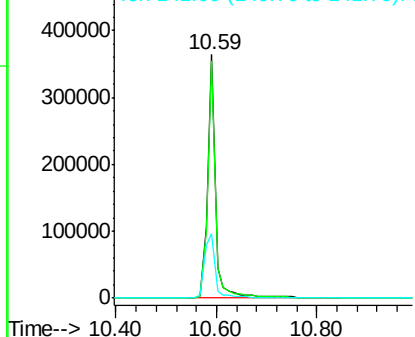


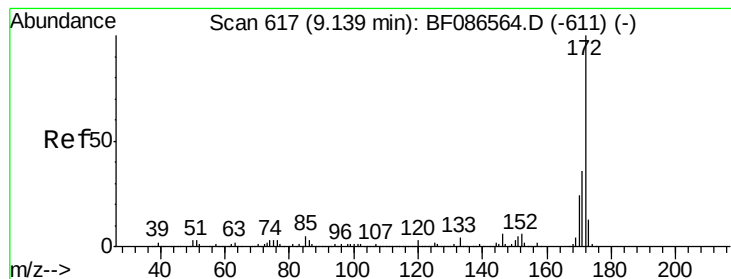
#41
2,4,6-Tribromophenol
Concen: 133.57 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.05 min
Lab File: BF086605.D
Acq: 2 May 2016 8:24

Tgt Ion:330 Resp: 406061
Ion Ratio Lower Upper
330 100
332 96.4 79.0 118.4
141 36.1 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

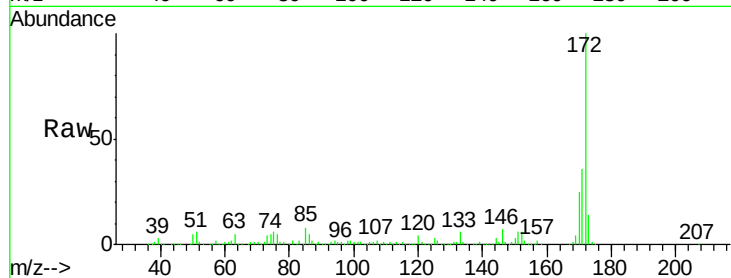




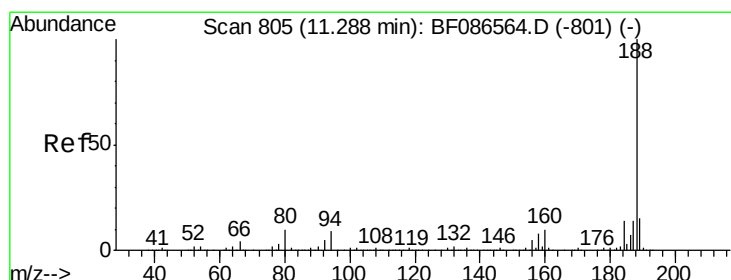
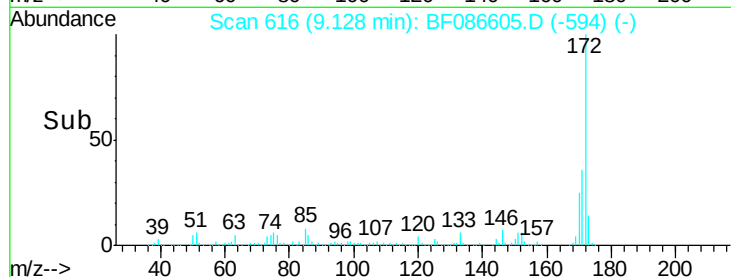
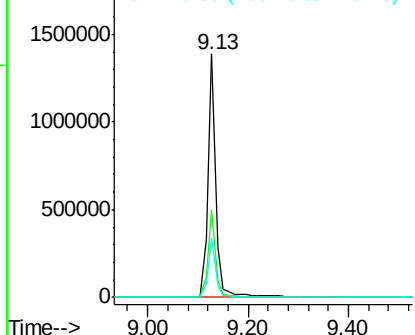
#44
 2-Fluorobiphenyl
 Concen: 95.22 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.05 min
 Lab File: BF086605.D
 Acq: 2 May 2016 8:24

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-8(10-20FTBGS)

Tgt Ion:172 Resp: 1529241
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.6
 170 24.6 19.8 29.8

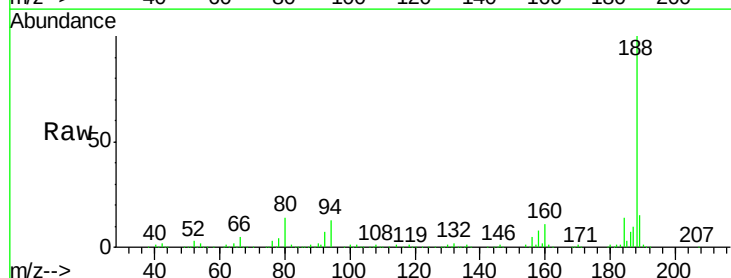


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

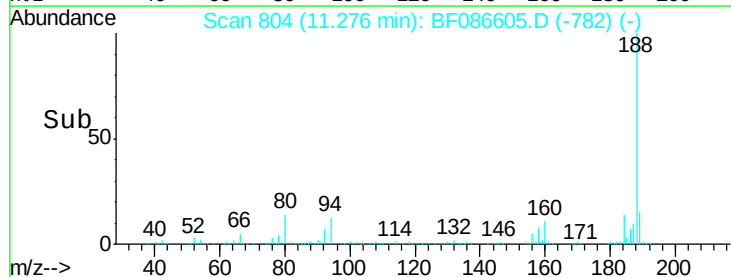
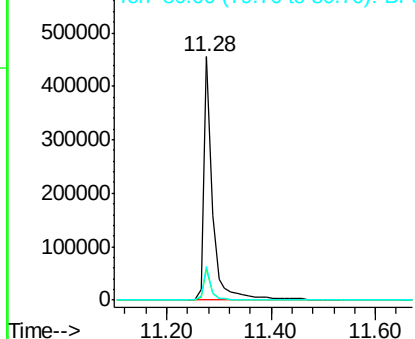


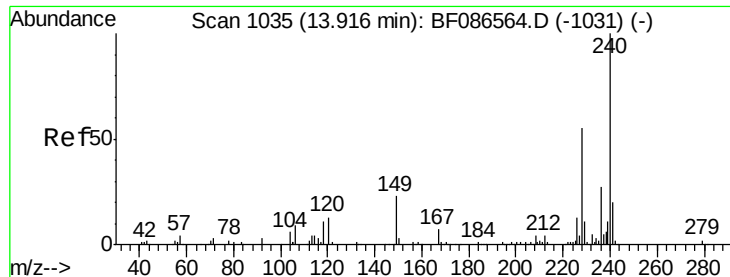
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.05 min
 Lab File: BF086605.D
 Acq: 2 May 2016 8:24

Tgt Ion:188 Resp: 538690
 Ion Ratio Lower Upper
 188 100
 94 12.8 6.8 10.2#
 80 13.9 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: BF086605.D

Acq: 2 May 2016 8:24

Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-8(10-20FTBGS)

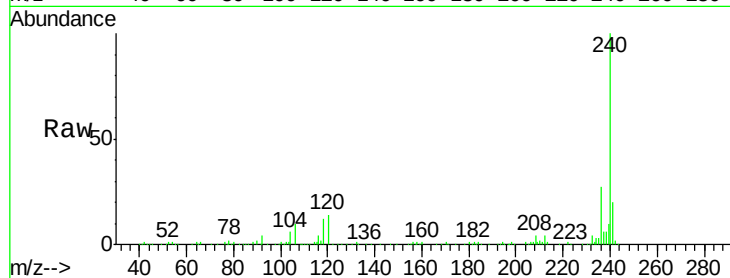
Tgt Ion:240 Resp: 371677

Ion Ratio Lower Upper

240 100

120 14.1 11.2 16.8

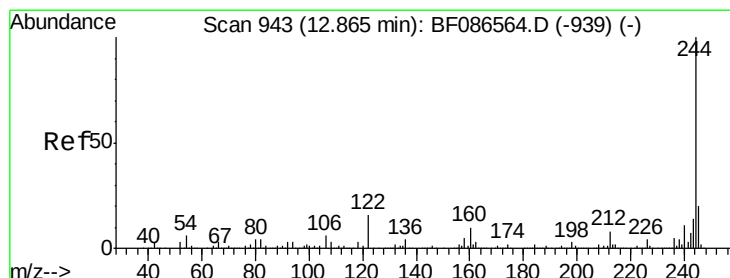
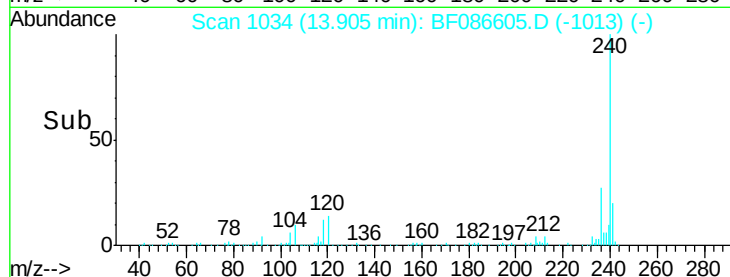
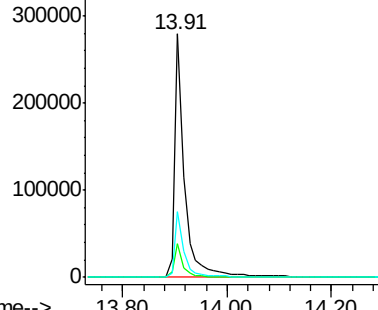
236 26.9 21.2 31.8



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: 85.48 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.05 min

Lab File: BF086605.D

Acq: 2 May 2016 8:24

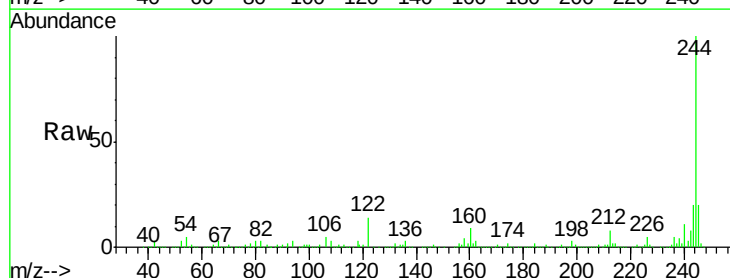
Tgt Ion:244 Resp: 1442069

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

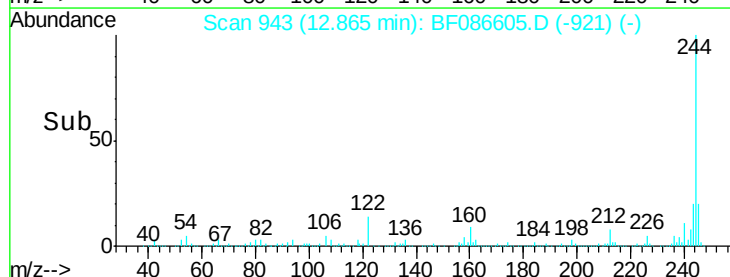
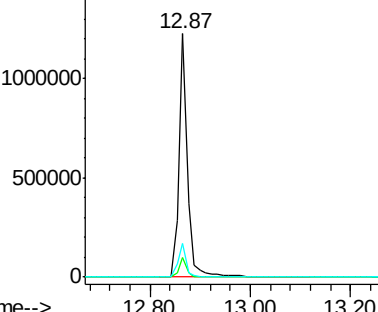
122 14.0 12.0 18.0

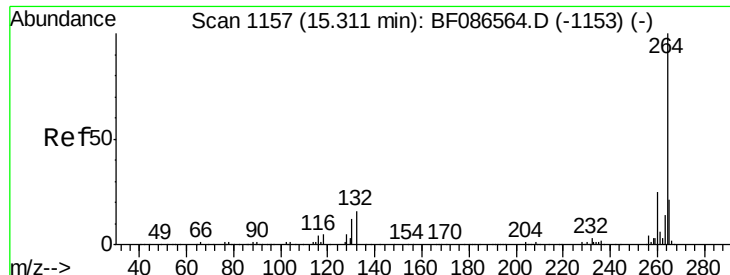


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

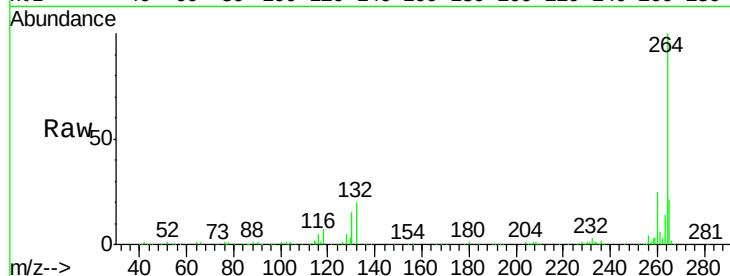




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.06 min
Lab File: BF086605.D
Acq: 2 May 2016 8:24

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-8(10-20FTBGS)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.2	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

