

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050116\
 Data File : BF086597.D
 Acq On : 2 May 2016 4:41
 Operator : UM/SJ
 Sample : H2686-01
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS1(0-6FTBGS)

Quant Time: May 02 05:33:37 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 02 04:16:52 2016
 Response via : Initial Calibration

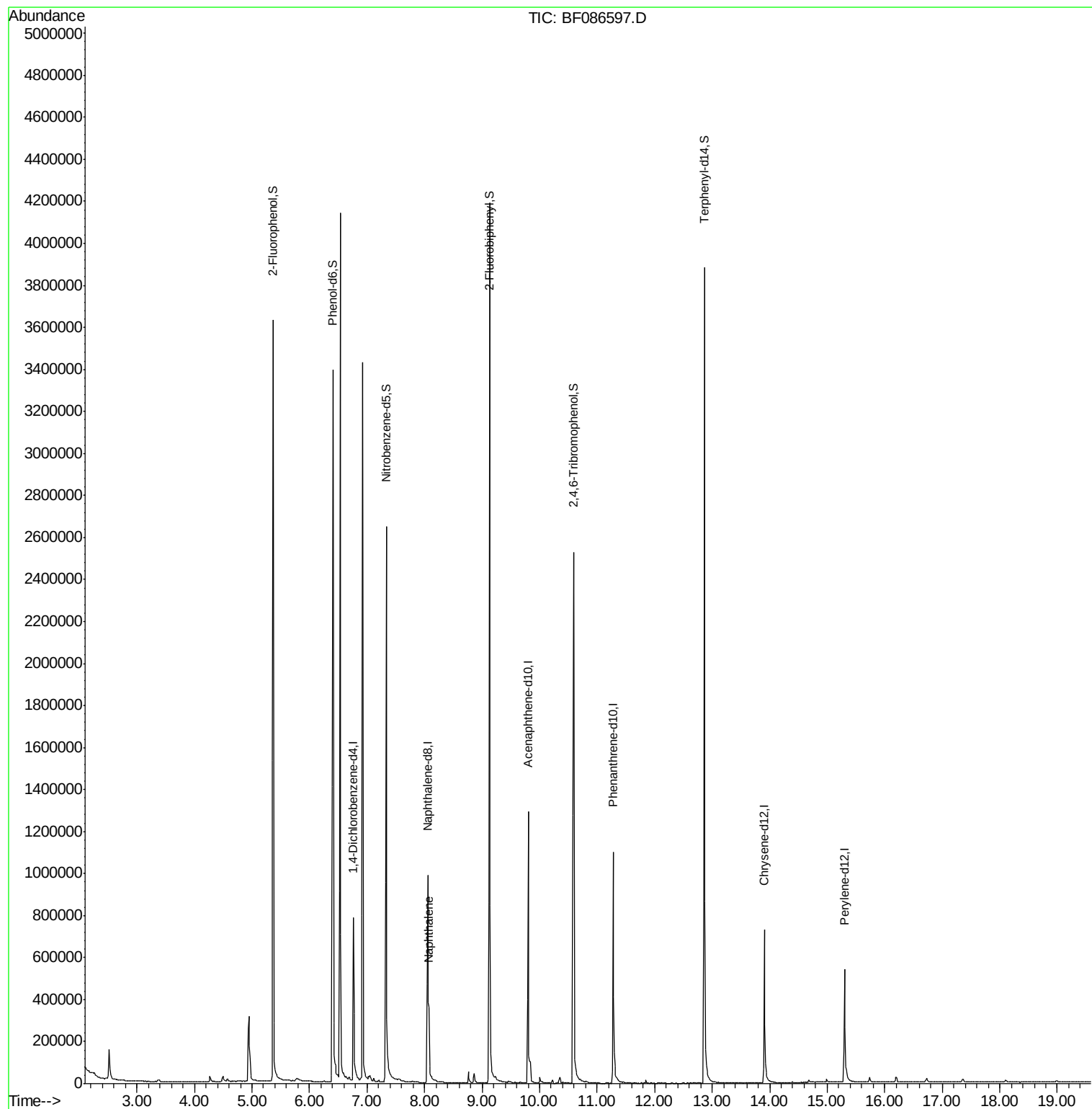
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	131764	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	562275	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	276288	20.00	ng	0.00
63) Phenanthrene-d10	11.28	188	506741	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	342831	20.00	ng	-0.01
86) Perylene-d12	15.30	264	296688	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	986397	129.13	ng	0.01
7) Phenol-d6	6.41	99	1229848	115.35	ng	0.00
23) Nitrobenzene-d5	7.33	82	977187	93.68	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	365153	125.33	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1407249	90.34	ng	-0.01
78) Terphenyl-d14	12.86	244	1305514	83.90	ng	0.00
Target Compounds						
31) Naphthalene	8.08	128	246350	8.61	ng	Qvalue 99

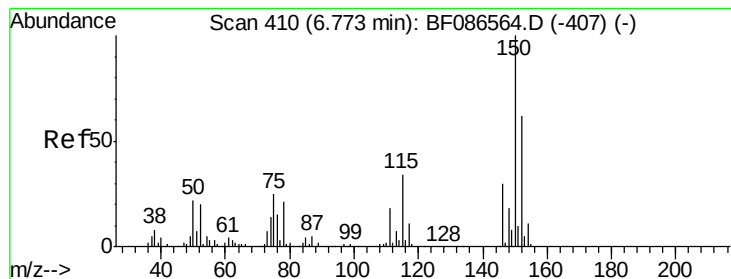
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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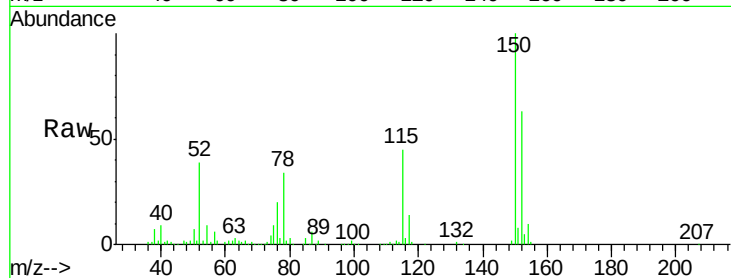




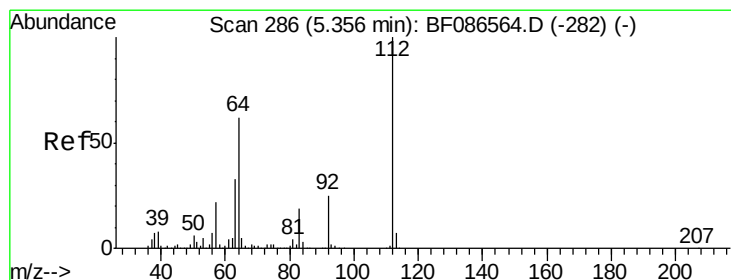
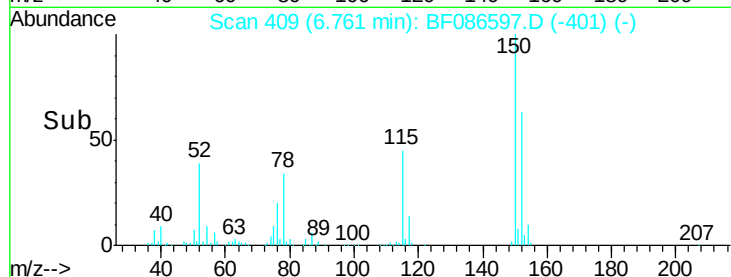
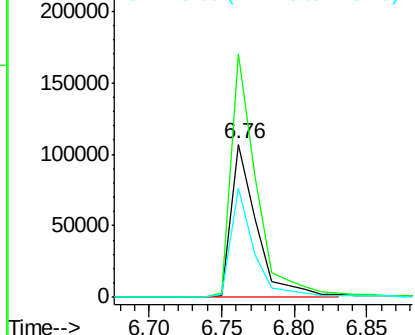
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: BF086597.D
 Acq: 2 May 2016 4:41

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS1(0-6FTBGS)

Tgt Ion:152 Resp: 131764
 Ion Ratio Lower Upper
 152 100
 150 158.9 125.8 188.6
 115 71.2 51.5 77.3

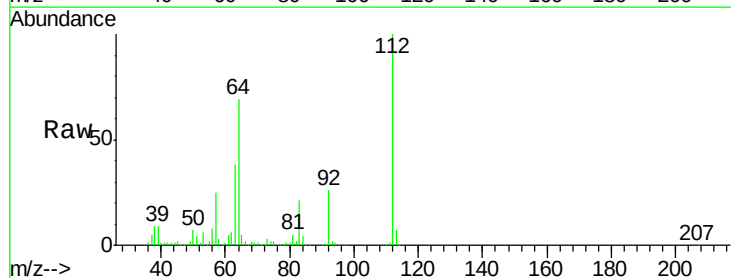


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

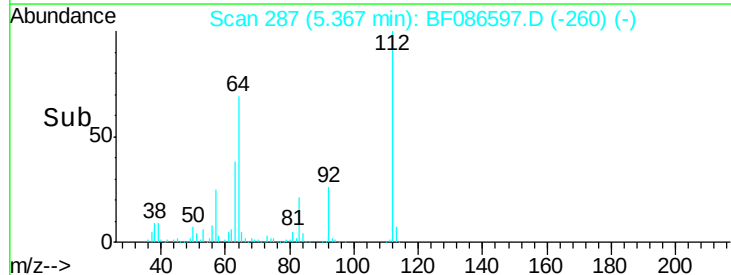
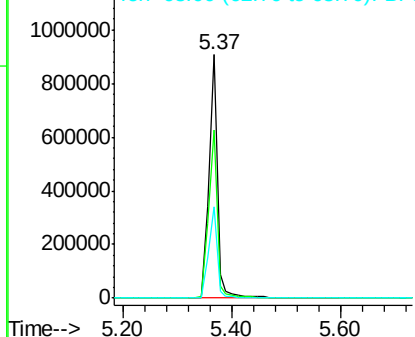


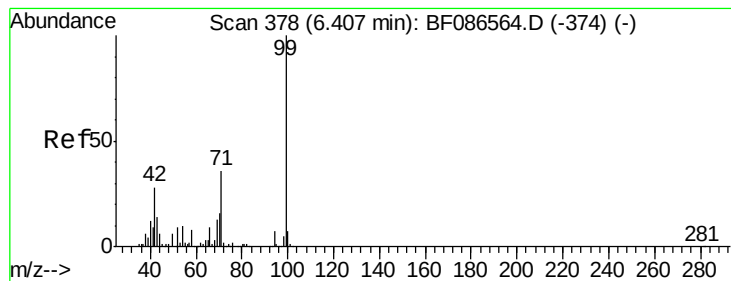
#5
 2-Fluorophenol
 Concen: 129.13 ng
 RT: 5.37 min Scan# 287
 Delta R.T. 0.01 min
 Lab File: BF086597.D
 Acq: 2 May 2016 4:41

Tgt Ion:112 Resp: 986397
 Ion Ratio Lower Upper
 112 100
 64 69.2 52.1 78.1
 63 37.7 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: 115.35 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF086597.D

Acq: 2 May 2016 4:41

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS1(0-6FTBGS)

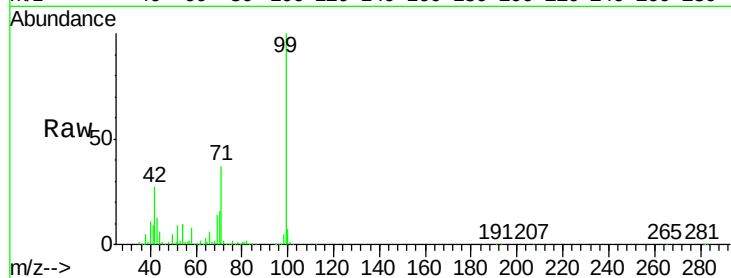
Tgt Ion: 99 Resp: 1229848

Ion Ratio Lower Upper

99 100

42 26.7 13.6 20.4#

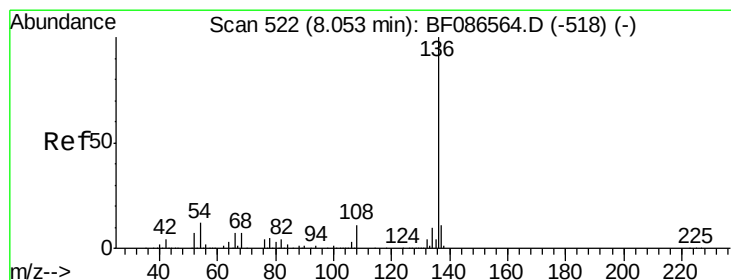
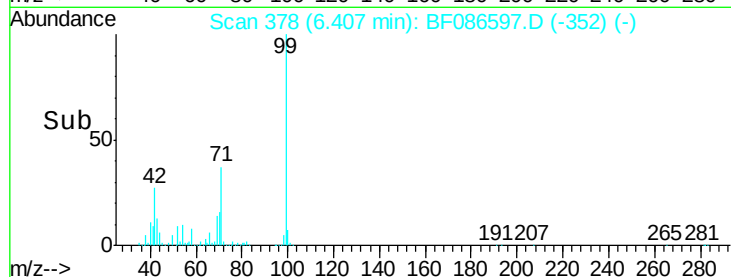
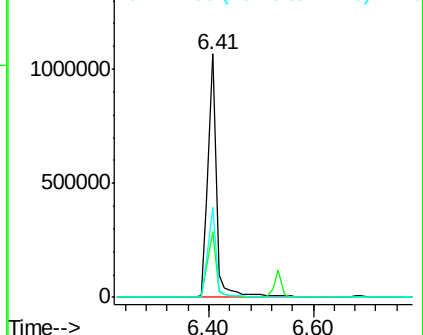
71 36.8 24.6 36.8#



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. 0.00 min

Lab File: BF086597.D

Acq: 2 May 2016 4:41

Tgt Ion: 136 Resp: 562275

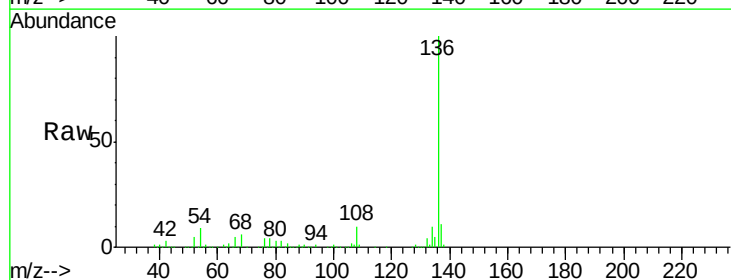
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 9.1 5.0 7.4#

68 5.5 4.4 6.6

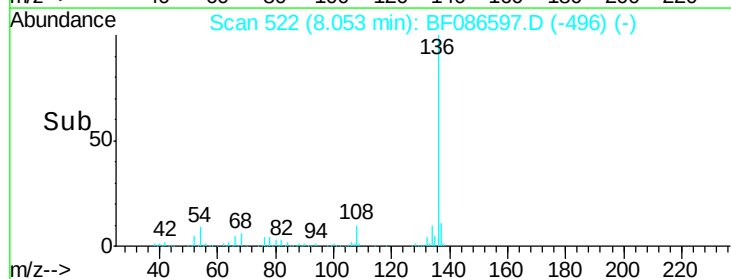
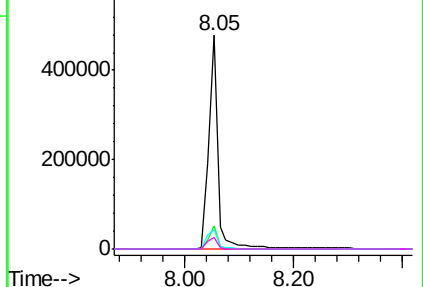


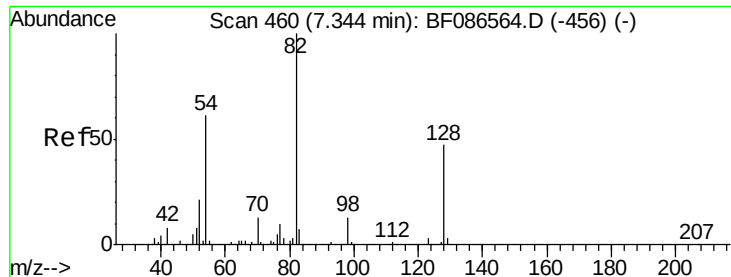
Abundance Ion 136.00 (135.70 to 136.70): E

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

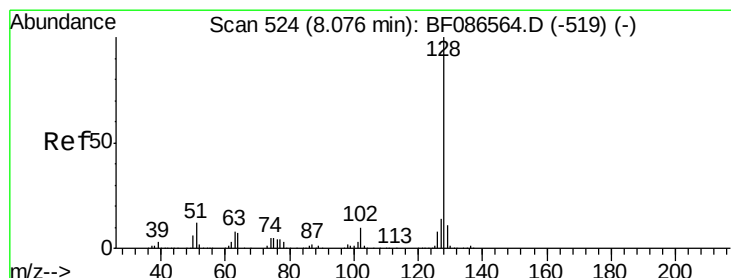
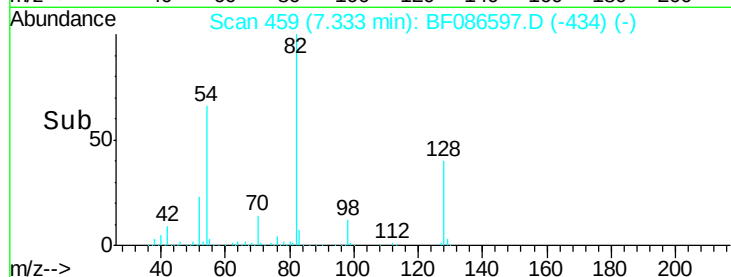
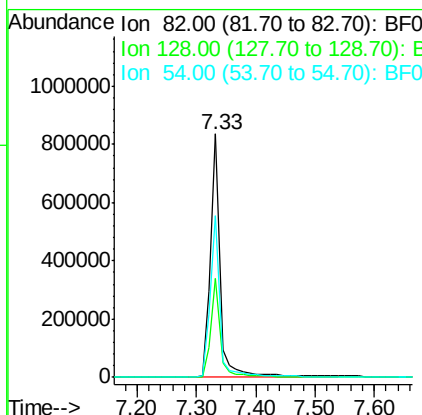
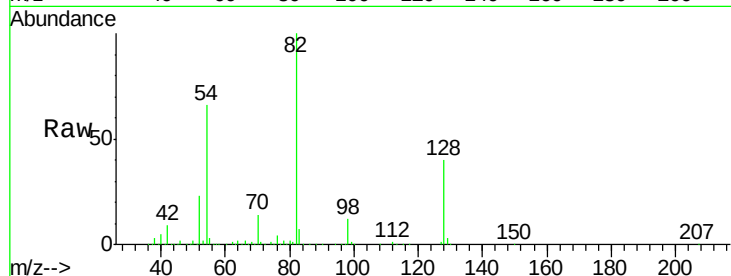




#23
 Nitrobenzene-d5
 Concen: 93.68 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086597.D
 Acq: 2 May 2016 4:41

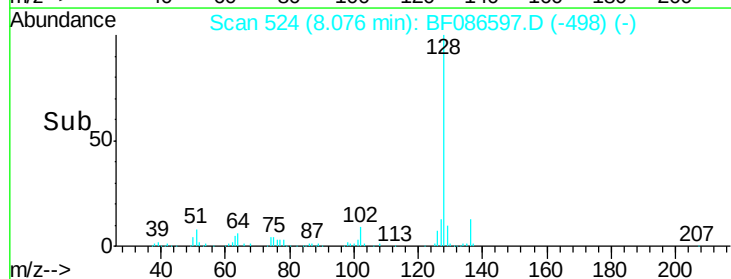
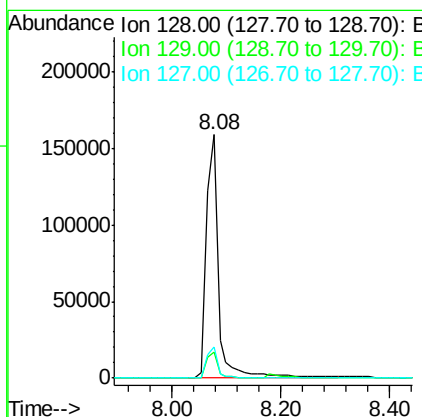
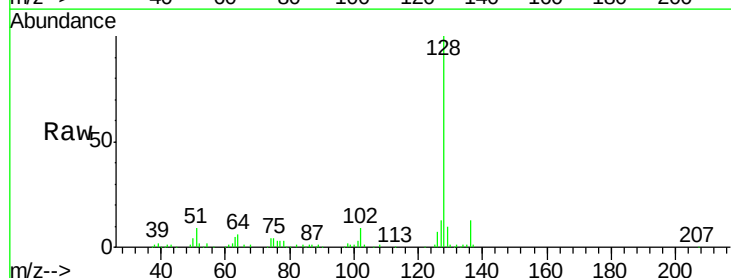
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS1(0-6FTBGS)

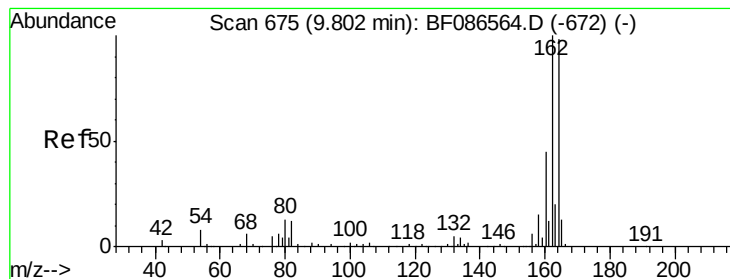
Tgt Ion: 82 Resp: 977187
 Ion Ratio Lower Upper
 82 100
 128 40.5 40.6 61.0#
 54 66.4 38.1 57.1#



#31
 Naphthalene
 Concen: 8.61 ng
 RT: 8.08 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: BF086597.D
 Acq: 2 May 2016 4:41

Tgt Ion: 128 Resp: 246350
 Ion Ratio Lower Upper
 128 100
 129 10.4 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. 0.00 min

Lab File: BF086597.D

Acq: 2 May 2016 4:41

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS1(0-6FTBGS)

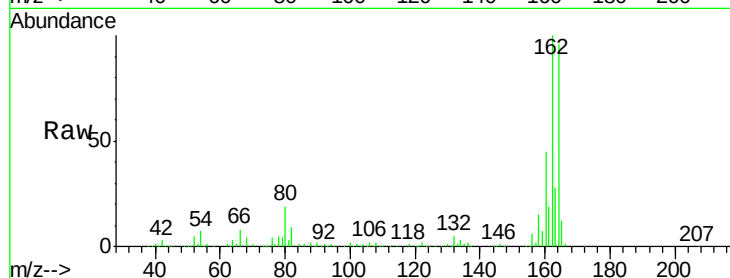
Tgt Ion:164 Resp: 276288

Ion Ratio Lower Upper

164 100

162 104.1 82.8 124.2

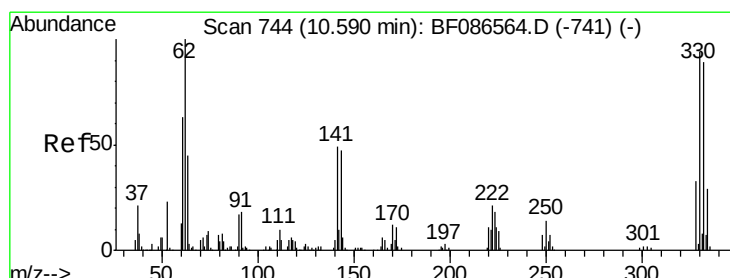
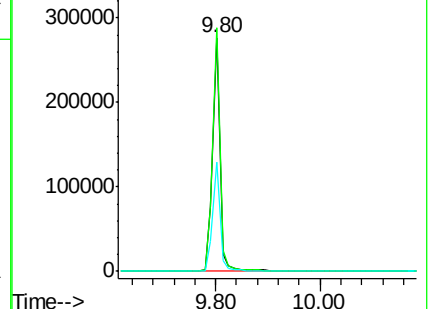
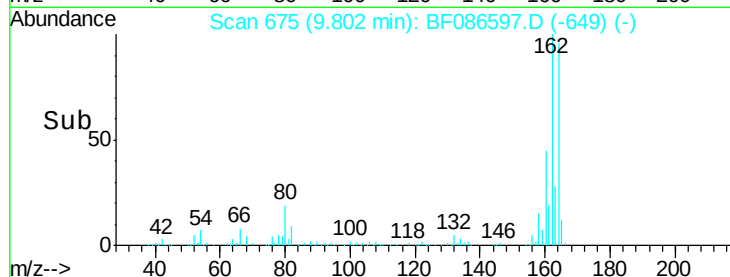
160 46.6 36.9 55.3



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: 125.33 ng

RT: 10.59 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF086597.D

Acq: 2 May 2016 4:41

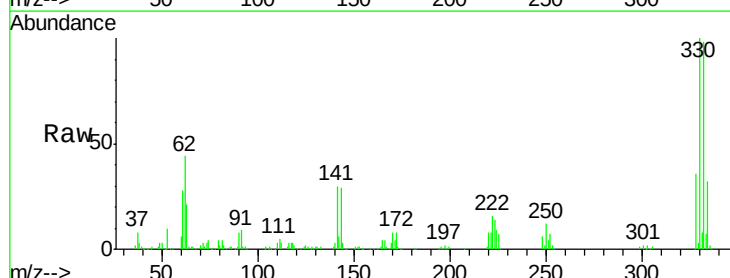
Tgt Ion:330 Resp: 365153

Ion Ratio Lower Upper

330 100

332 98.7 79.0 118.4

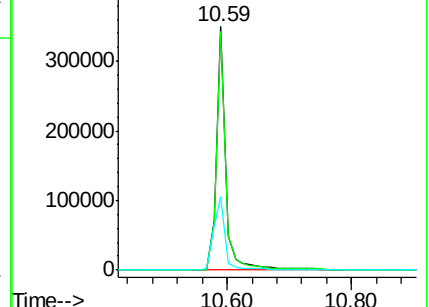
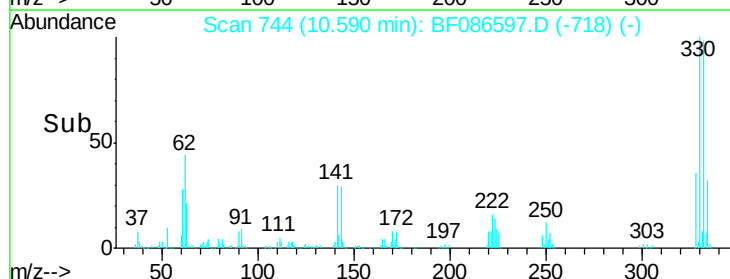
141 37.9 31.2 46.8

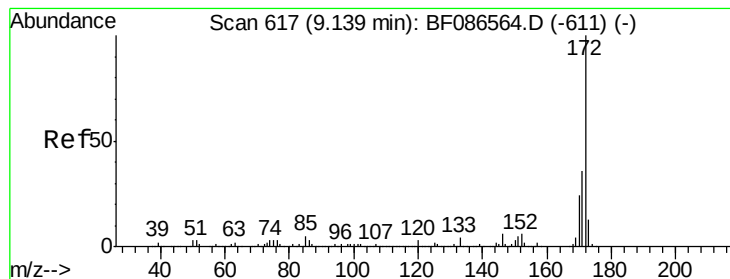


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

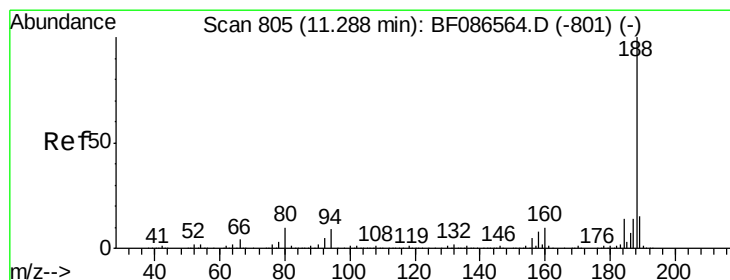
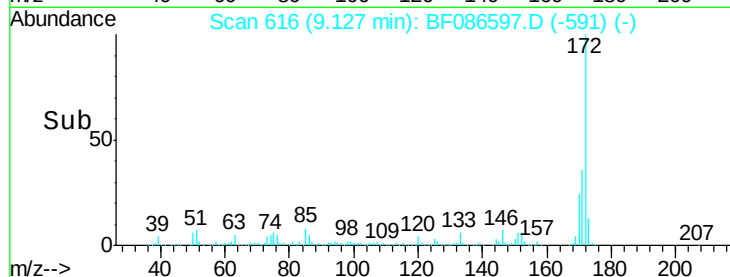
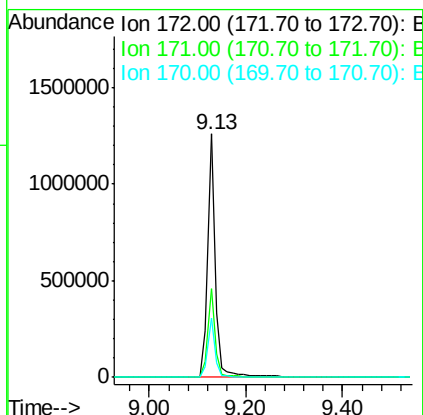
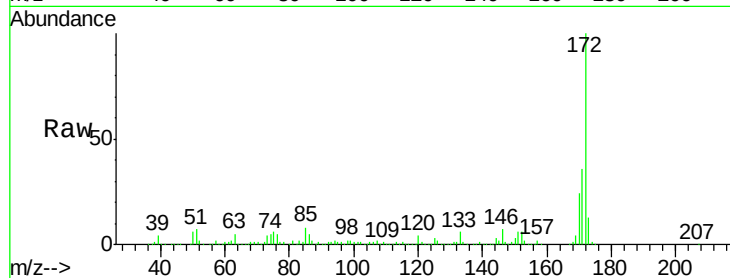




#44
2-Fluorobiphenyl
Concen: 90.34 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF086597.D
Acq: 2 May 2016 4:41

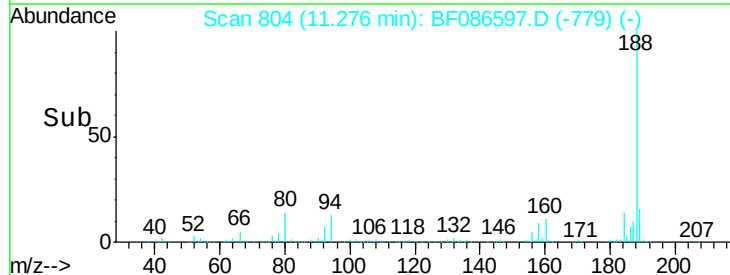
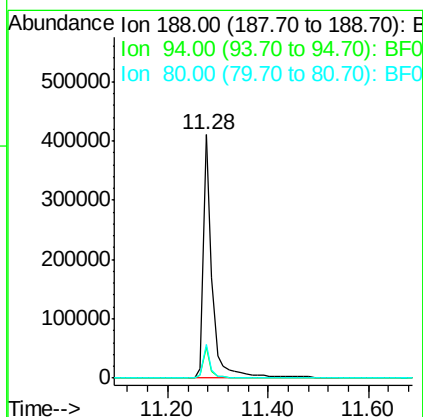
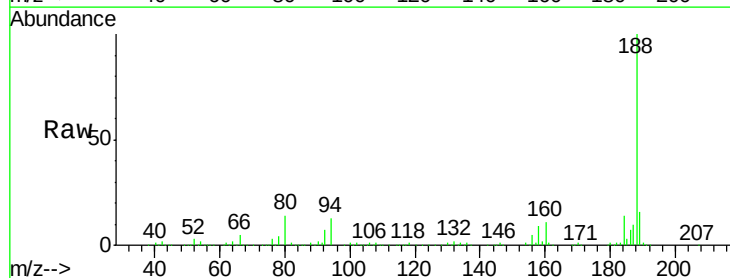
Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS1(0-6FTBGS)

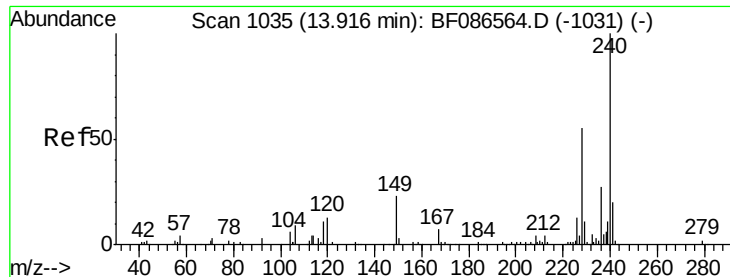
Tgt Ion:172 Resp: 1407249
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.6
170 24.3 19.8 29.8



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF086597.D
Acq: 2 May 2016 4:41

Tgt Ion:188 Resp: 506741
Ion Ratio Lower Upper
188 100
94 12.9 6.8 10.2#
80 13.9 7.1 10.7#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF086597.D

Acq: 2 May 2016 4:41

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS1(0-6FTBGS)

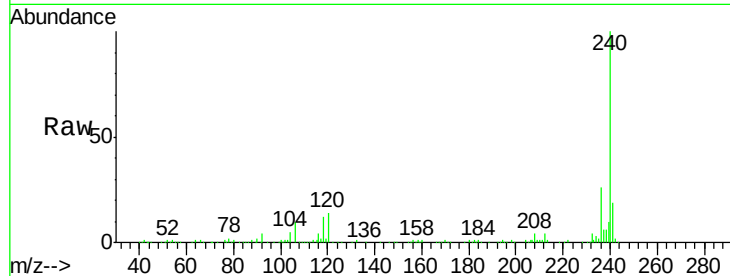
Tgt Ion:240 Resp: 342831

Ion Ratio Lower Upper

240 100

120 14.1 11.2 16.8

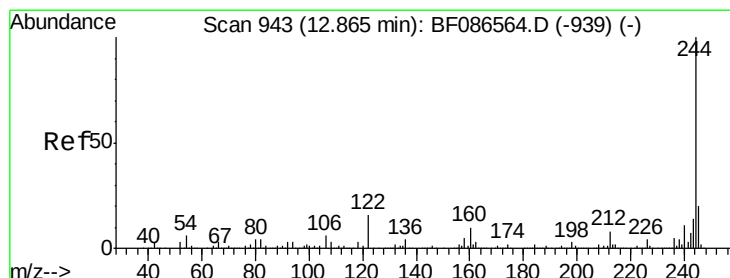
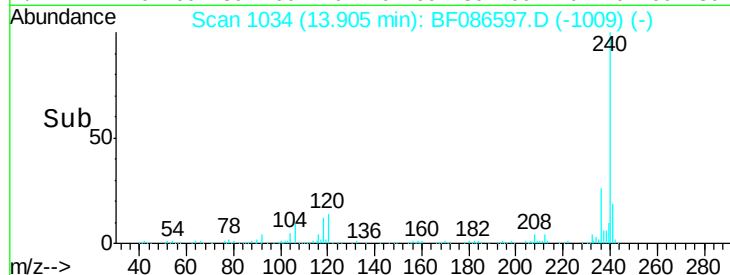
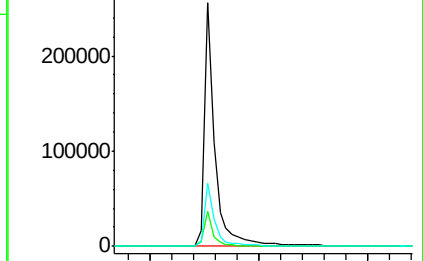
236 26.0 21.2 31.8



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: 83.90 ng

RT: 12.86 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF086597.D

Acq: 2 May 2016 4:41

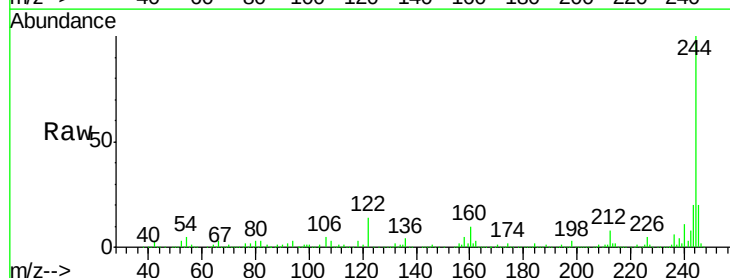
Tgt Ion:244 Resp: 1305514

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

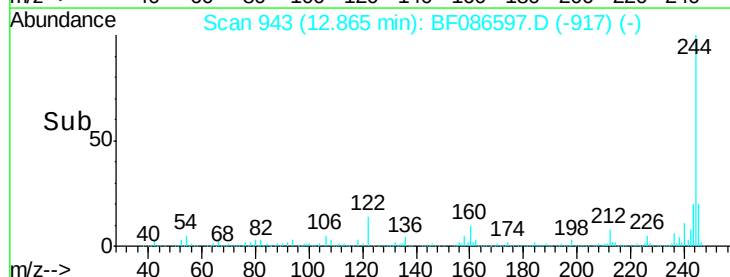
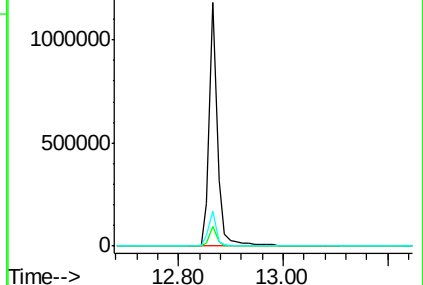
122 14.3 12.0 18.0

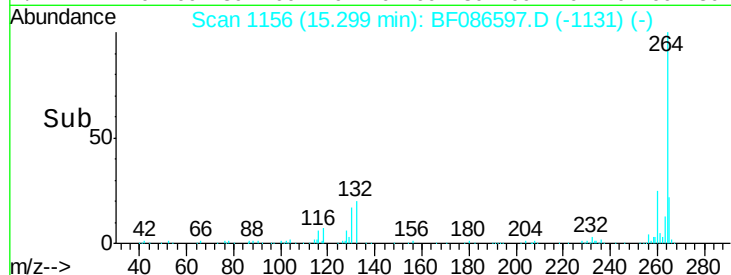
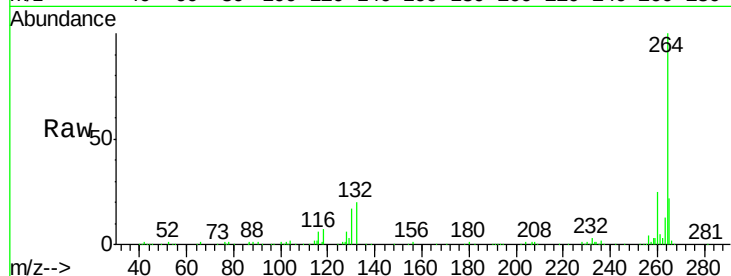
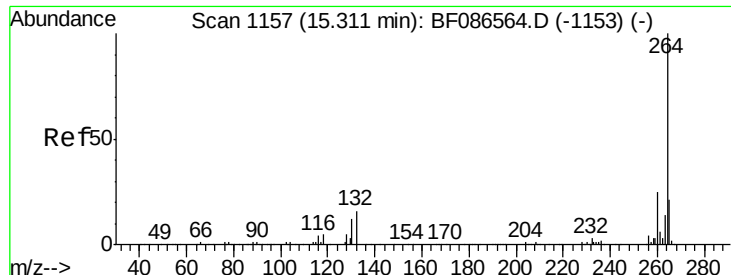


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.01 min
Lab File: BF086597.D
Acq: 2 May 2016 4:41

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS1(0-6FTBGS)

Tgt Ion:	264	Resp:	296688
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.5	29.3
265	22.2	17.3	25.9

