

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050116\
 Data File : BF086600.D
 Acq On : 2 May 2016 6:04
 Operator : UM/SJ
 Sample : H2686-04
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-11(6-12FTBGS)

Quant Time: May 02 06:45:52 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	132007	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	557630	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	272129	20.00	ng	-0.05
63) Phenanthrene-d10	11.28	188	510816	20.00	ng	-0.05
75) Chrysene-d12	13.90	240	358967	20.00	ng	-0.06
86) Perylene-d12	15.30	264	218408	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1039785	135.86	ng	-0.02
7) Phenol-d6	6.41	99	1230641	115.21	ng	-0.03
23) Nitrobenzene-d5	7.33	82	963607	93.14	ng	-0.05
41) 2,4,6-Tribromophenol	10.59	330	382717	133.36	ng	-0.05
44) 2-Fluorobiphenyl	9.13	172	1445504	95.38	ng	-0.05
78) Terphenyl-d14	12.86	244	1398862	85.85	ng	-0.05

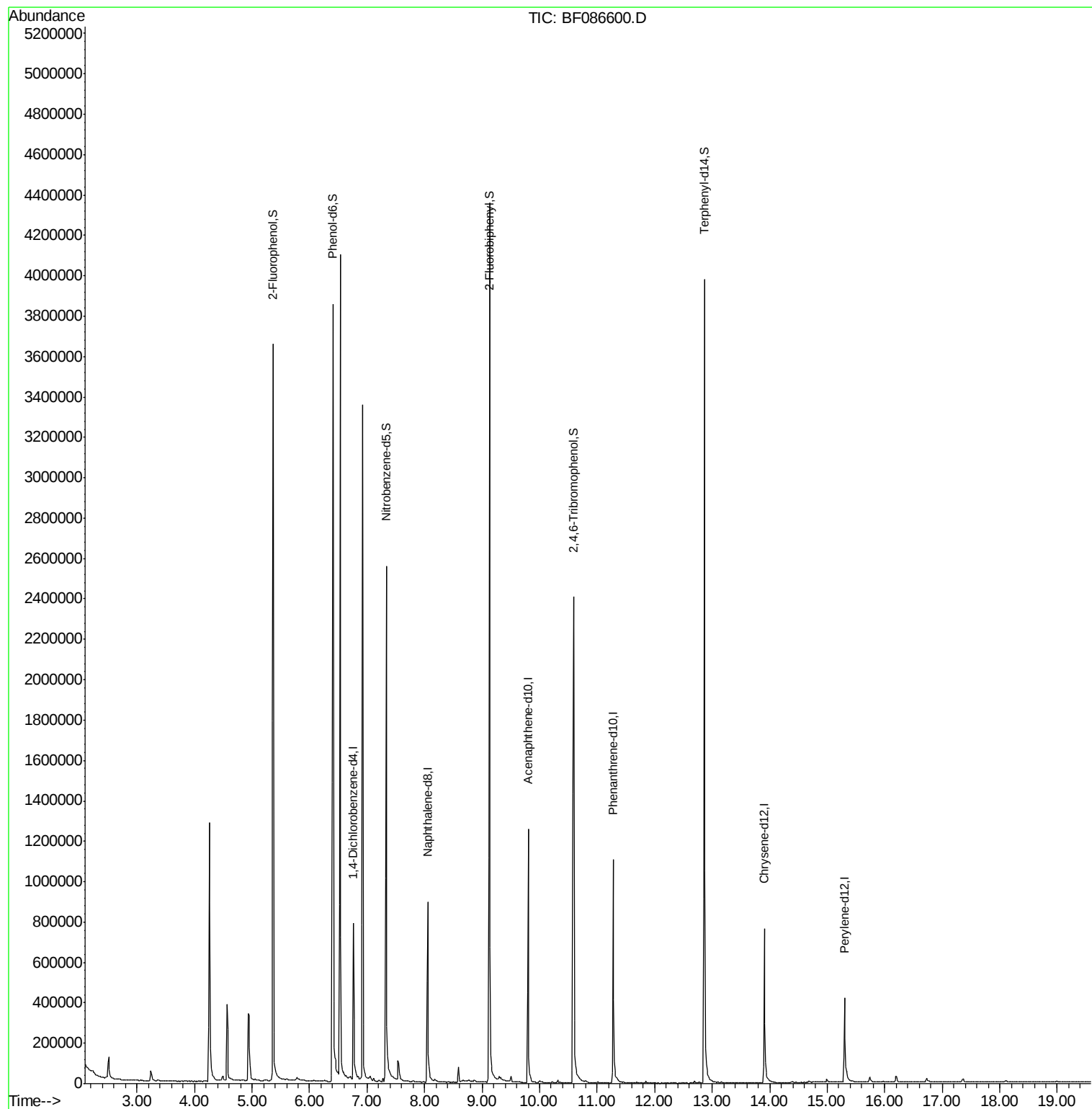
Target Compounds	Qvalue
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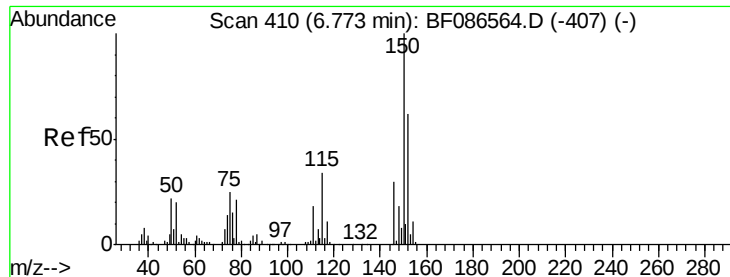
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086600.D

Acq: 2 May 2016 6:04

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-11(6-12FTBGS)

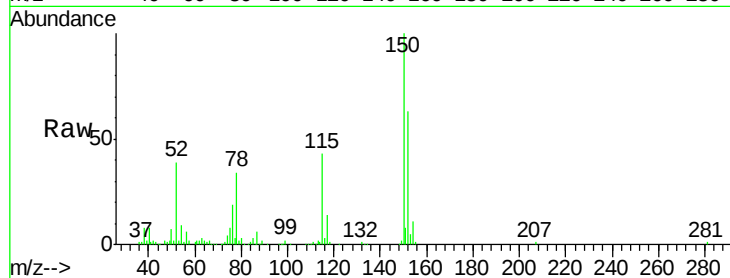
Tgt Ion:152 Resp: 132007

Ion Ratio Lower Upper

152 100

150 159.3 125.8 188.6

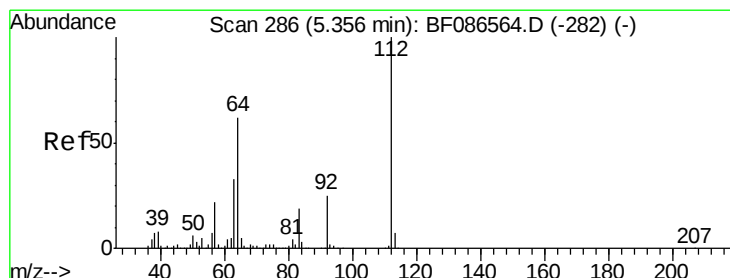
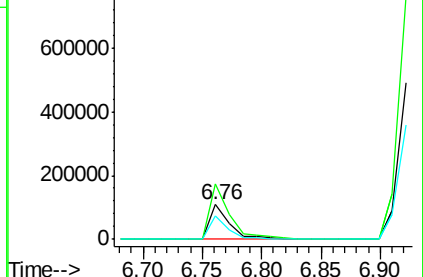
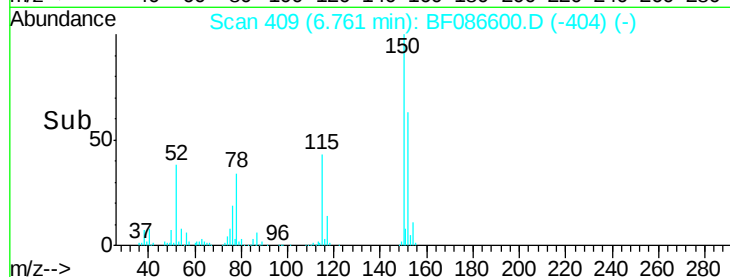
115 69.0 51.5 77.3



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: 135.86 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.02 min

Lab File: BF086600.D

Acq: 2 May 2016 6:04

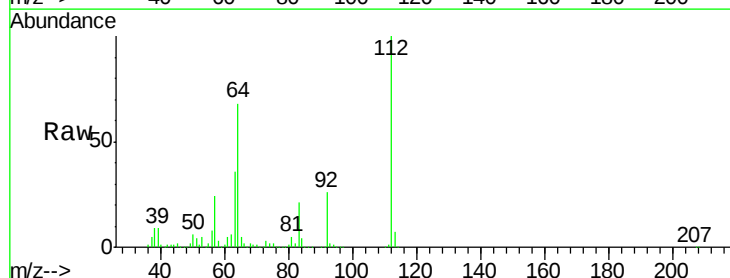
Tgt Ion:112 Resp: 1039785

Ion Ratio Lower Upper

112 100

64 67.7 52.1 78.1

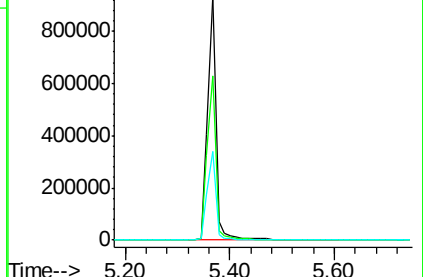
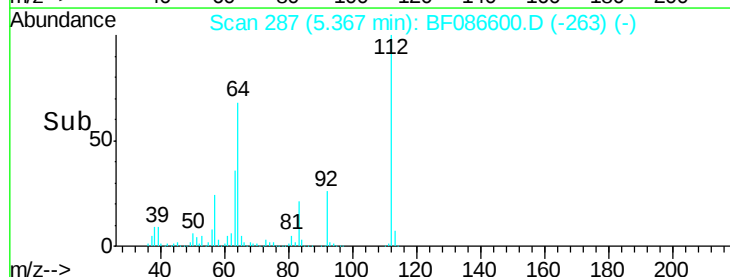
63 36.3 25.7 38.5

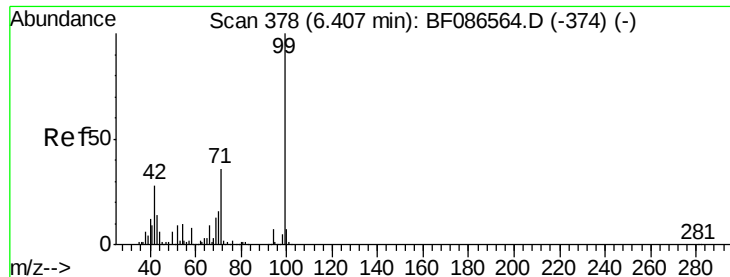


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.21 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086600.D

Acq: 2 May 2016 6:04

Instrument :

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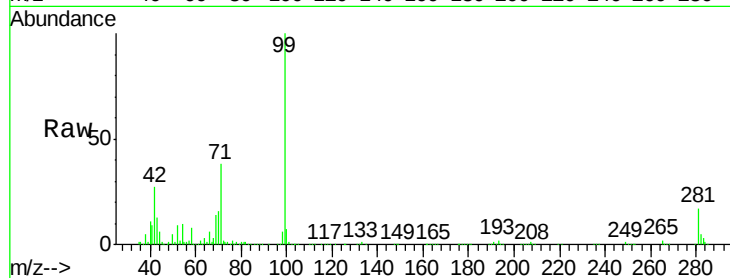
Tgt Ion: 99 Resp: 1230641

Ion Ratio Lower Upper

99 100

42 27.4 13.6 20.4#

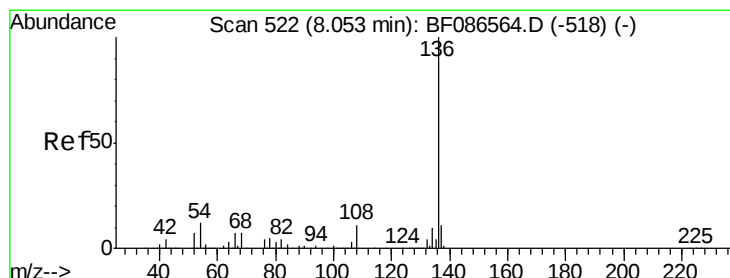
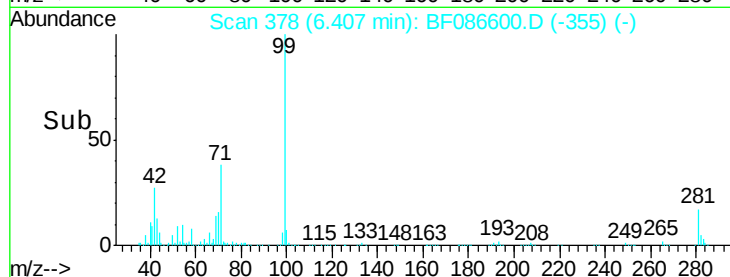
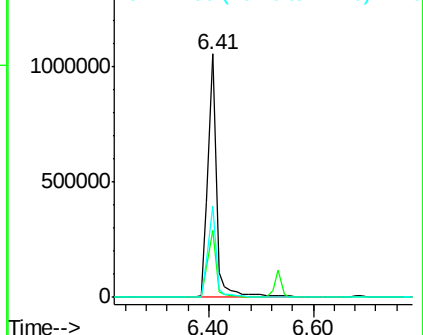
71 37.5 24.6 36.8#



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: BF086600.D

Acq: 2 May 2016 6:04

Tgt Ion: 136 Resp: 557630

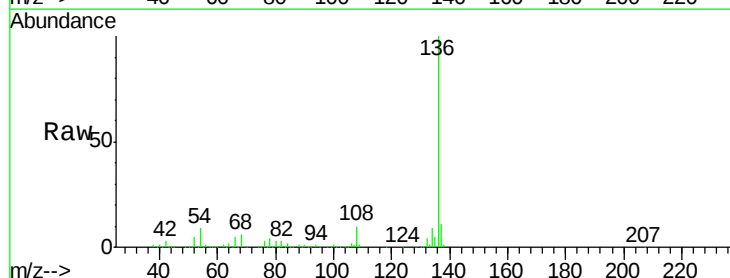
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 8.9 5.0 7.4#

68 5.7 4.4 6.6

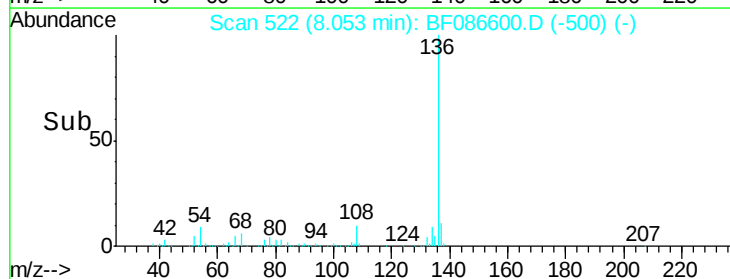
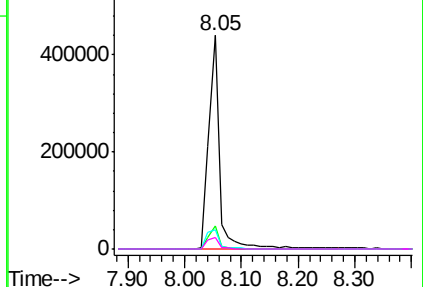


Abundance Ion 136.00 (135.70 to 136.70): E

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

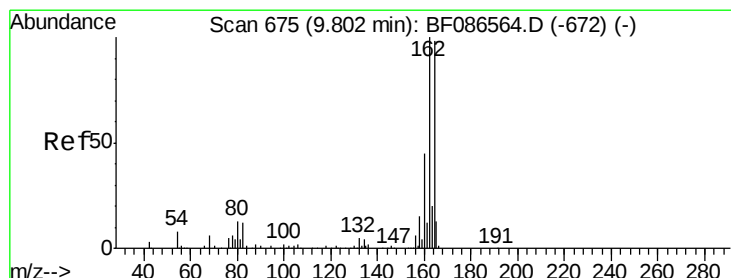
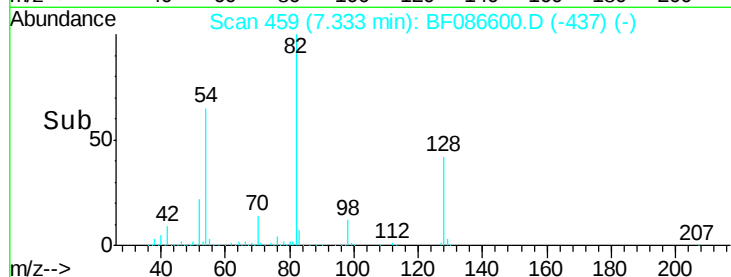
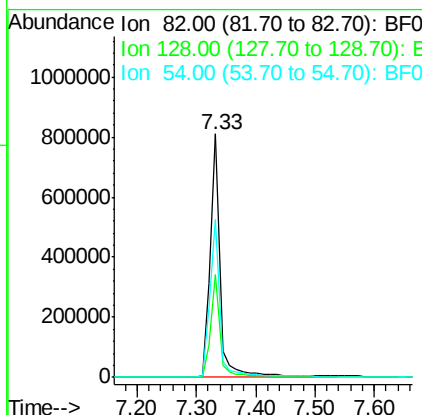
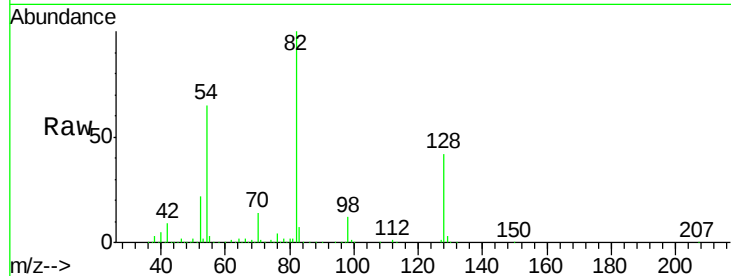




#23
 Nitrobenzene-d5
 Concen: 93.14 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.05 min
 Lab File: BF086600.D
 Acq: 2 May 2016 6:04

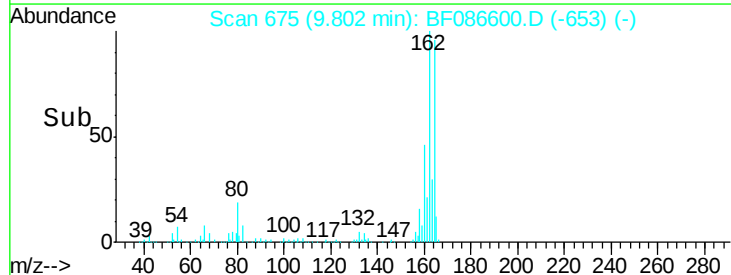
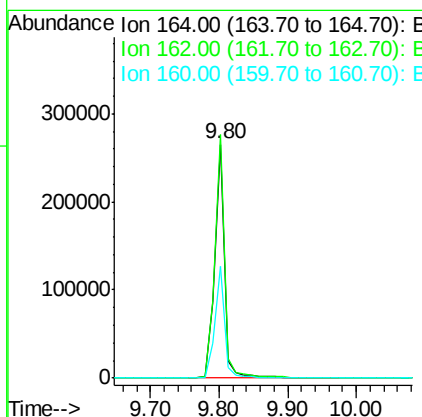
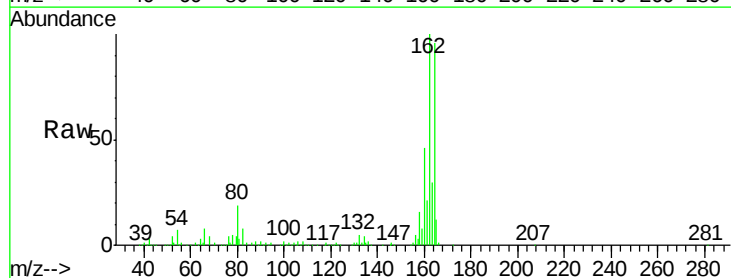
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-11(6-12FTBGS)

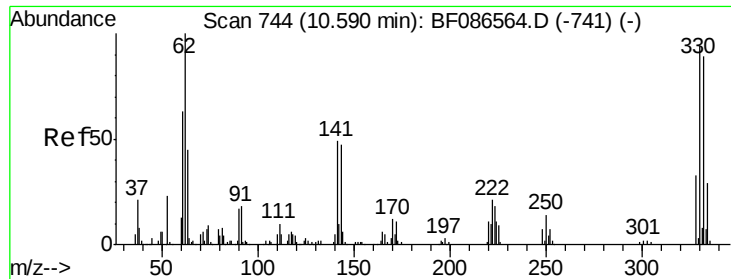
Tgt Ion: 82 Resp: 963607
 Ion Ratio Lower Upper
 82 100
 128 42.0 40.6 61.0
 54 65.0 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.05 min
 Lab File: BF086600.D
 Acq: 2 May 2016 6:04

Tgt Ion: 164 Resp: 272129
 Ion Ratio Lower Upper
 164 100
 162 104.1 82.8 124.2
 160 47.6 36.9 55.3

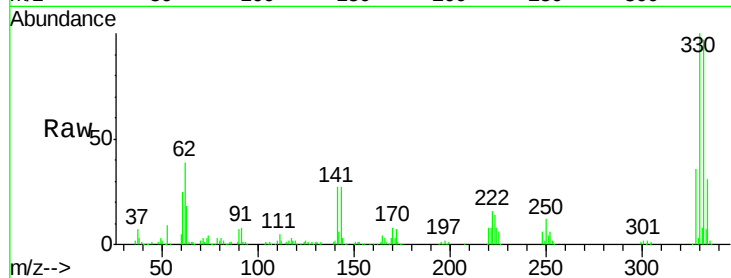




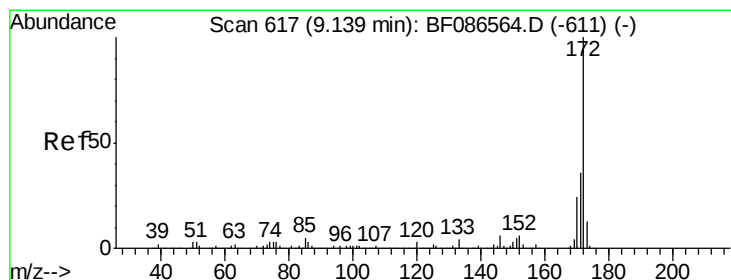
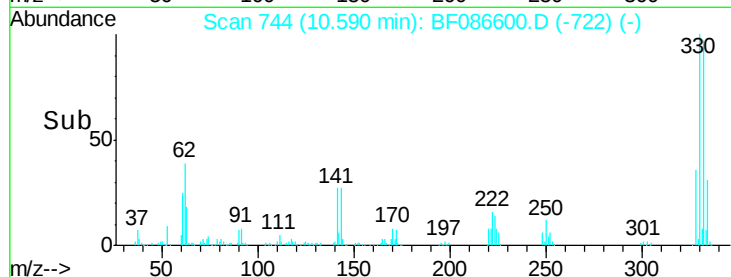
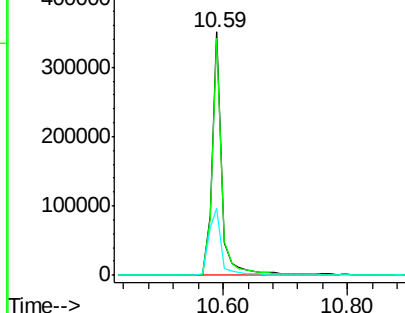
#41
 2,4,6-Tribromophenol
 Concen: 133.36 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.05 min
 Lab File: BF086600.D
 Acq: 2 May 2016 6:04

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-11(6-12FTBGS)

Tgt Ion:330 Resp: 382717
 Ion Ratio Lower Upper
 330 100
 332 98.3 79.0 118.4
 141 36.5 31.2 46.8

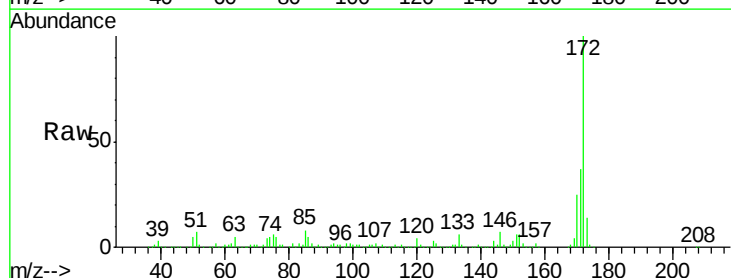


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

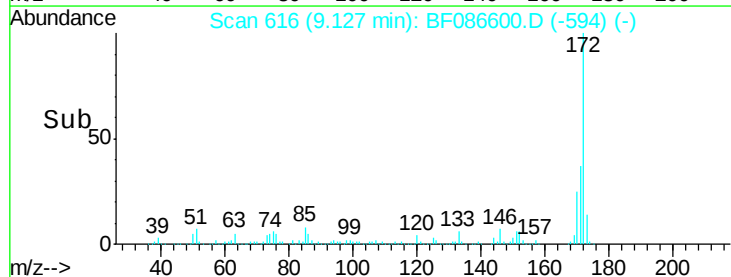
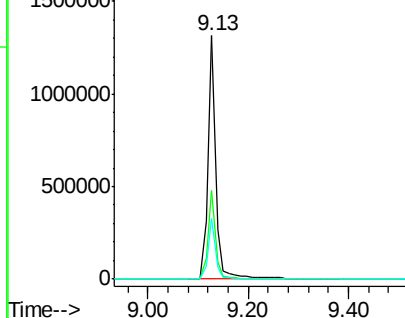


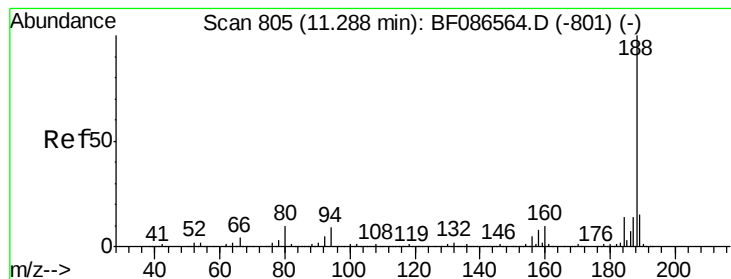
#44
 2-Fluorobiphenyl
 Concen: 95.38 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.05 min
 Lab File: BF086600.D
 Acq: 2 May 2016 6:04

Tgt Ion:172 Resp: 1445504
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.0 43.6
 170 24.8 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: BF086600.D

Acq: 2 May 2016 6:04

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-11(6-12FTBGS)

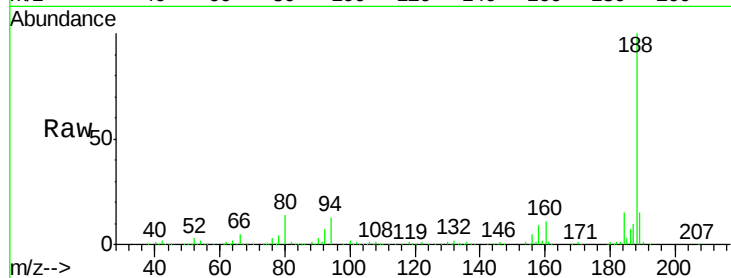
Tgt Ion:188 Resp: 510816

Ion Ratio Lower Upper

188 100

94 12.7 6.8 10.2#

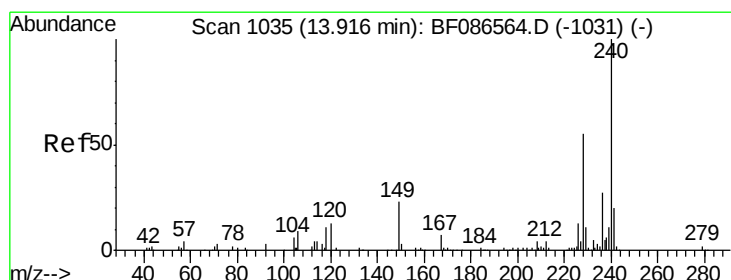
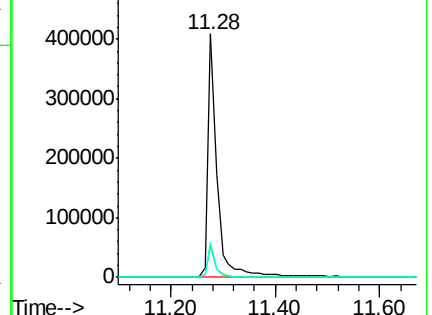
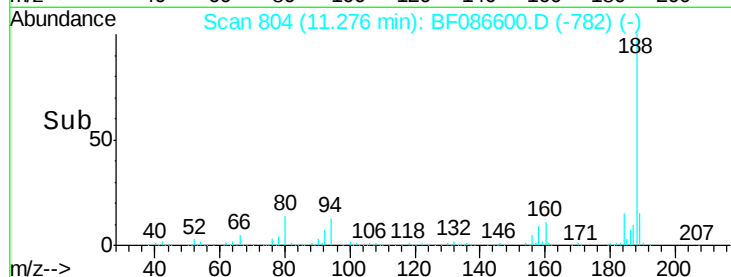
80 14.3 7.1 10.7#



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: 13.90 min Scan# 1034

Delta R.T. -0.06 min

Lab File: BF086600.D

Acq: 2 May 2016 6:04

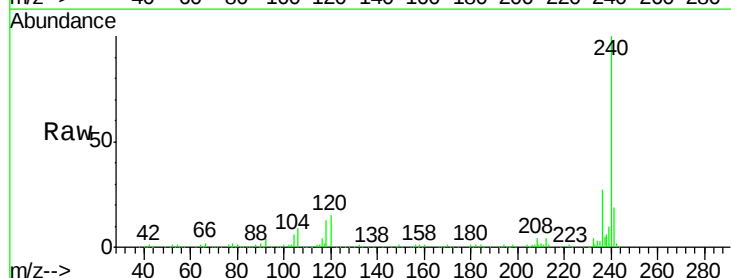
Tgt Ion:240 Resp: 358967

Ion Ratio Lower Upper

240 100

120 14.6 11.2 16.8

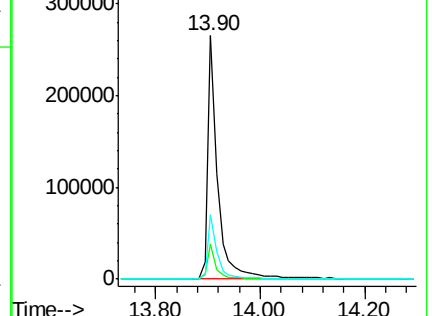
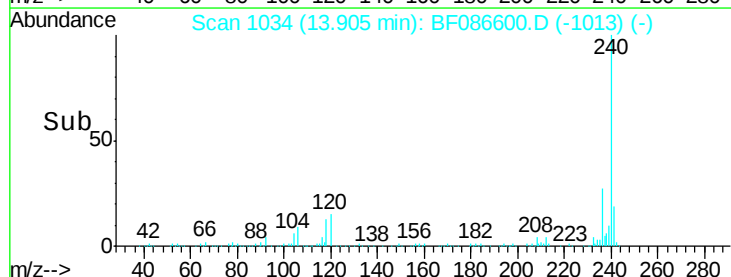
236 26.5 21.2 31.8

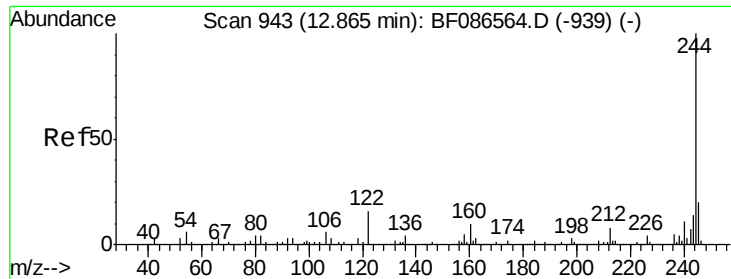


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

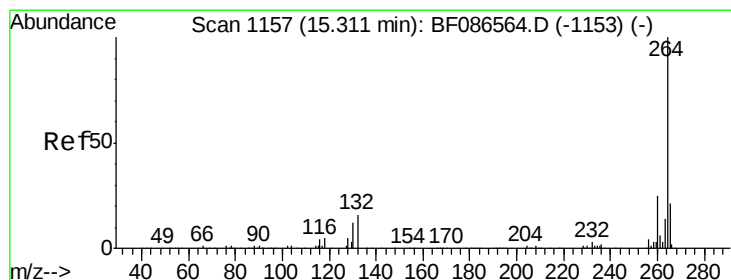
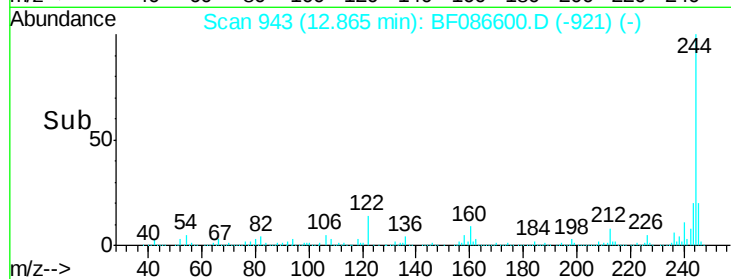
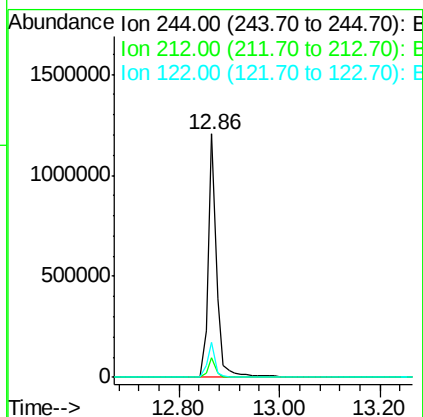
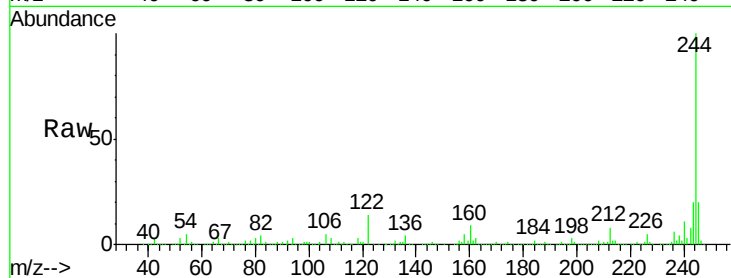




#78
 Terphenyl-d14
 Concen: 85.85 ng
 RT: 12.86 min Scan# 943
 Delta R.T. -0.05 min
 Lab File: BF086600.D
 Acq: 2 May 2016 6:04

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Tgt Ion:244 Resp: 1398862
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.2
 122 14.2 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.06 min
 Lab File: BF086600.D
 Acq: 2 May 2016 6:04

Tgt Ion:264 Resp: 218408
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.5 29.3
 265 21.6 17.3 25.9

