

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050116\
 Data File : BF086599.D
 Acq On : 2 May 2016 5:36
 Operator : UM/SJ
 Sample : H2686-03
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

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

Quant Time: May 02 06:44:31 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	131491	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	557706	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	268312	20.00	ng	-0.05
63) Phenanthrene-d10	11.28	188	501838	20.00	ng	-0.05
75) Chrysene-d12	13.91	240	345706	20.00	ng	-0.06
86) Perylene-d12	15.30	264	264402	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1042130	136.70	ng	-0.02
7) Phenol-d6	6.41	99	1240393	116.58	ng	-0.03
23) Nitrobenzene-d5	7.33	82	987050	95.40	ng	-0.05
41) 2,4,6-Tribromophenol	10.59	330	388884	137.44	ng	-0.05
44) 2-Fluorobiphenyl	9.13	172	1418748	94.81	ng	-0.05
78) Terphenyl-d14	12.86	244	1373130	87.51	ng	-0.05

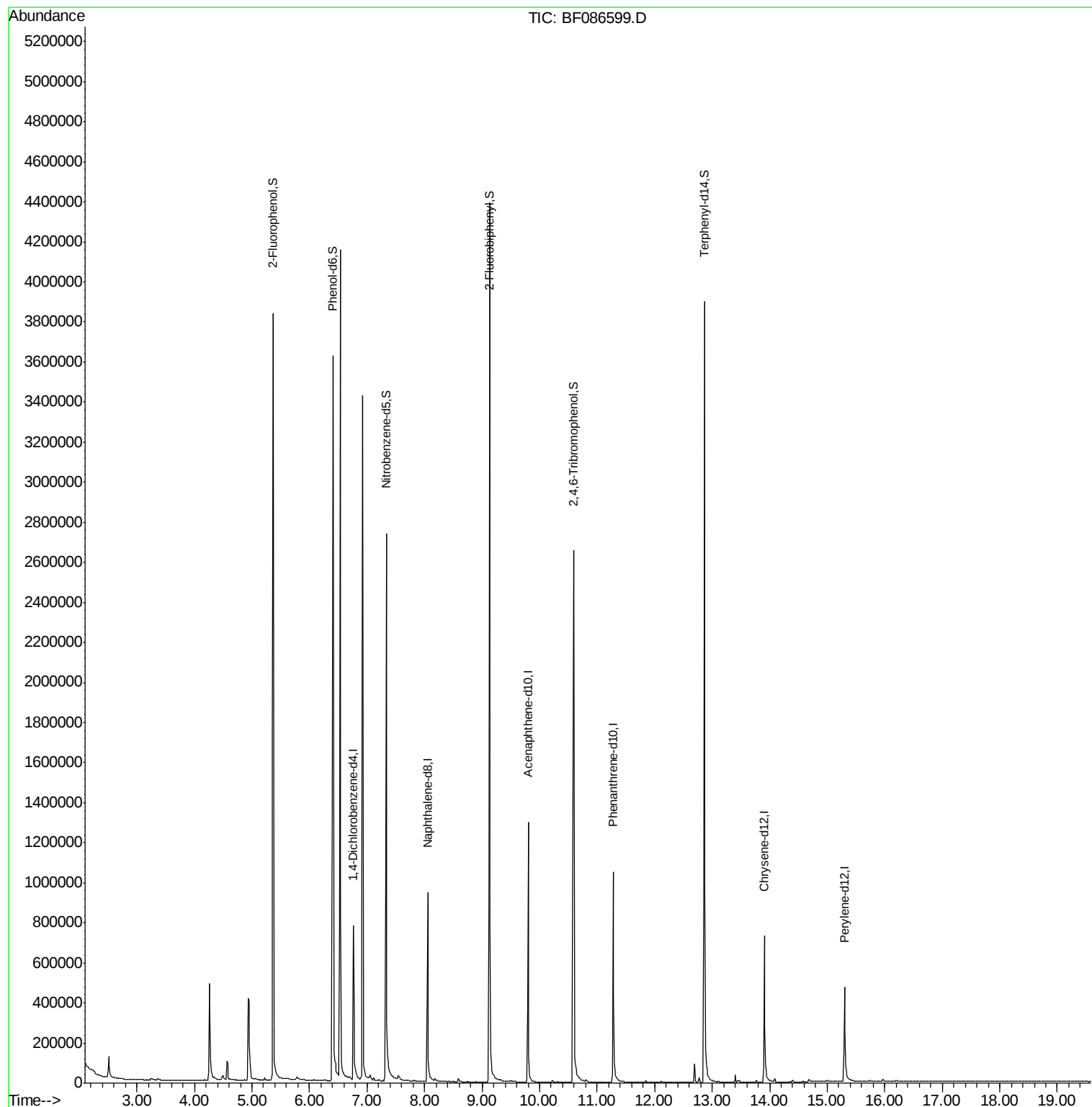
Target Compounds	Qvalue
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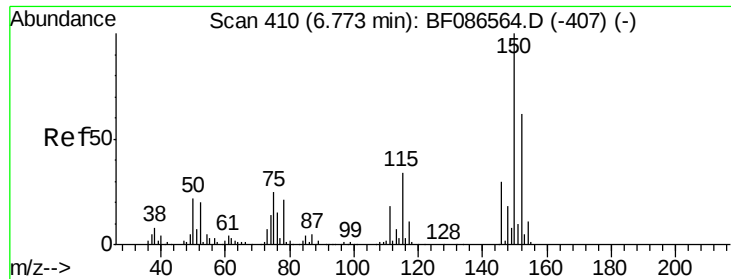
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086599.D

Acq: 2 May 2016 5:36

Instrument :

BNA_F

ClientSampleId :

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

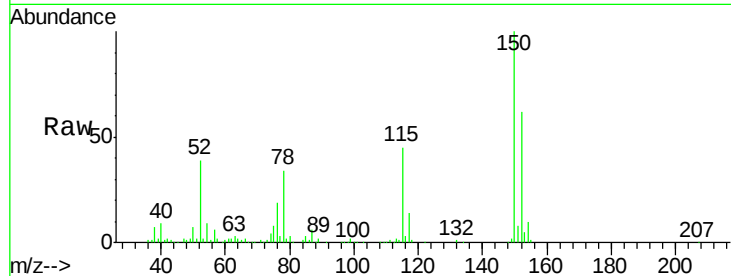
Tgt Ion:152 Resp: 131491

Ion Ratio Lower Upper

152 100

150 162.0 125.8 188.6

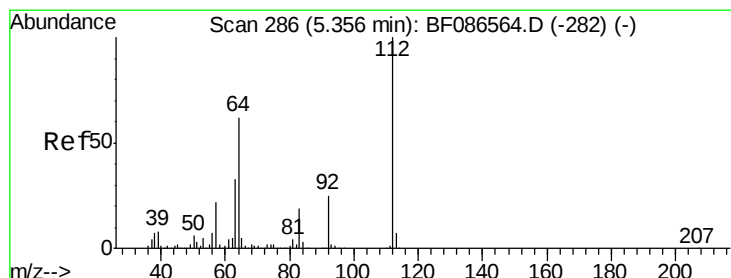
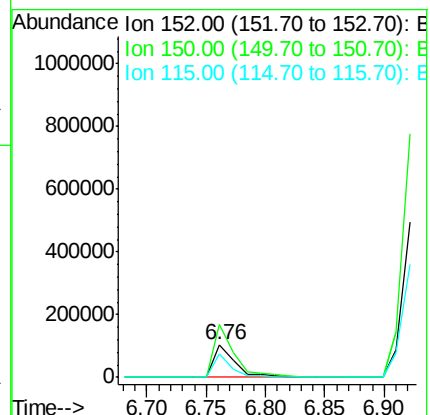
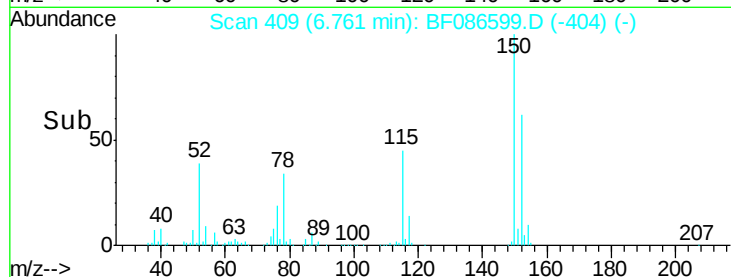
115 72.9 51.5 77.3



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: 136.70 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.02 min

Lab File: BF086599.D

Acq: 2 May 2016 5:36

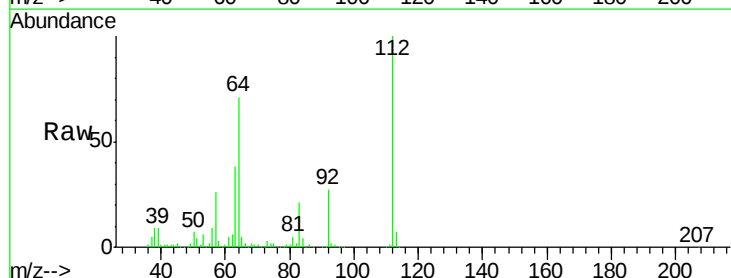
Tgt Ion:112 Resp: 1042130

Ion Ratio Lower Upper

112 100

64 70.5 52.1 78.1

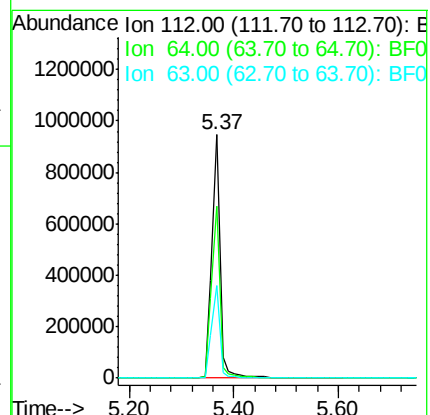
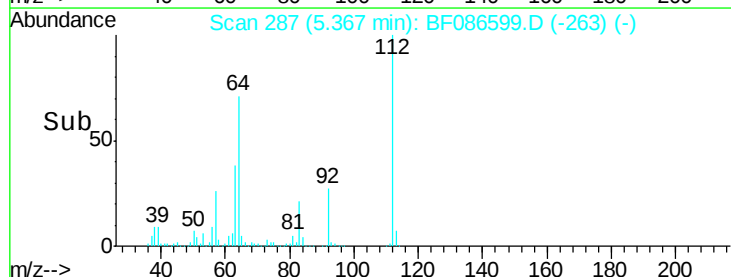
63 37.9 25.7 38.5

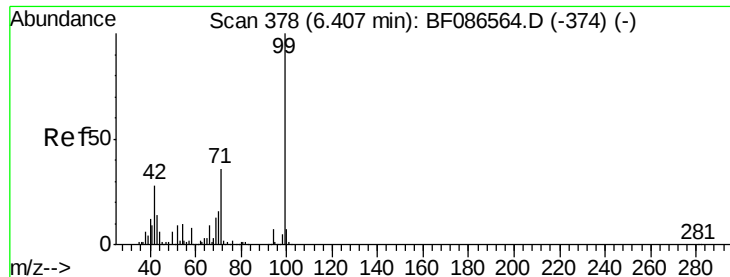


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.58 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086599.D

Acq: 2 May 2016 5:36

Instrument :

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ClientSampleId :

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

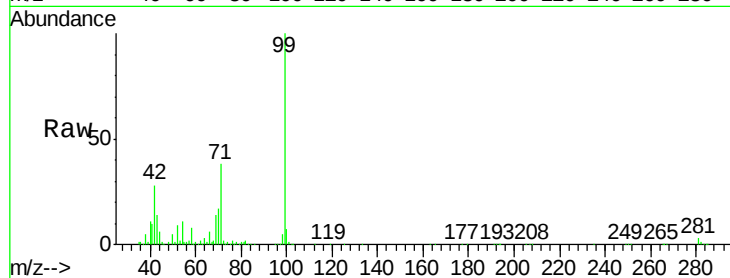
Tgt Ion: 99 Resp: 1240393

Ion Ratio Lower Upper

99 100

42 28.5 13.6 20.4#

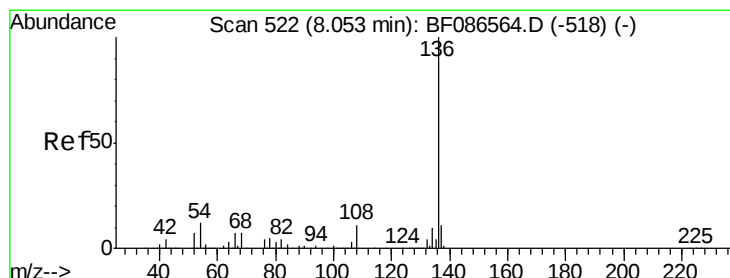
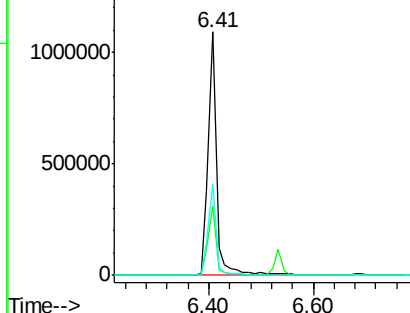
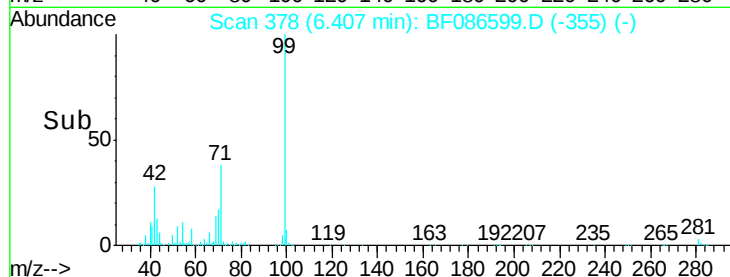
71 37.8 24.6 36.8#



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. -0.05 min

Lab File: BF086599.D

Acq: 2 May 2016 5:36

Tgt Ion: 136 Resp: 557706

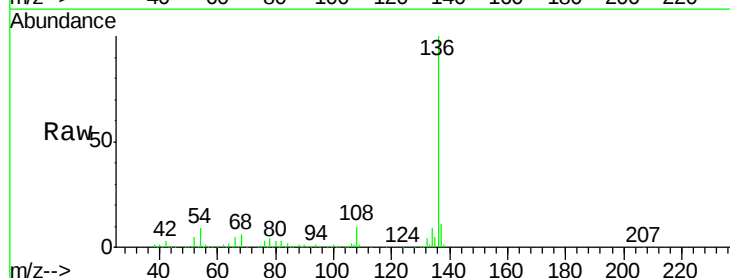
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 9.4 5.0 7.4#

68 5.6 4.4 6.6

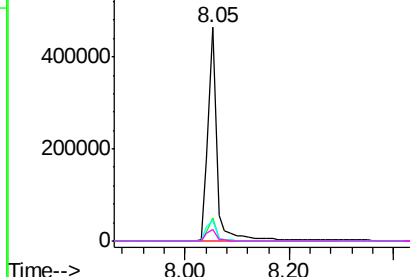
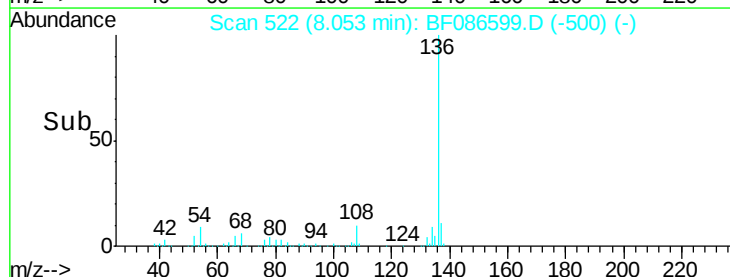


Abundance Ion 136.00 (135.70 to 136.70): E

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

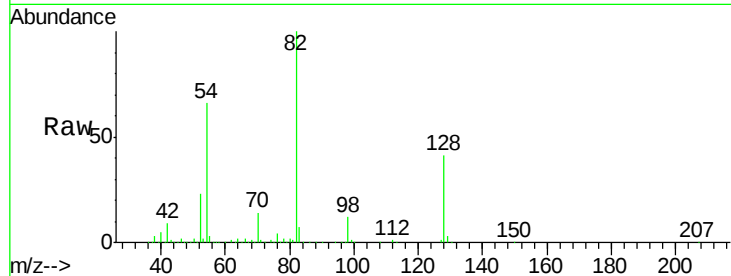




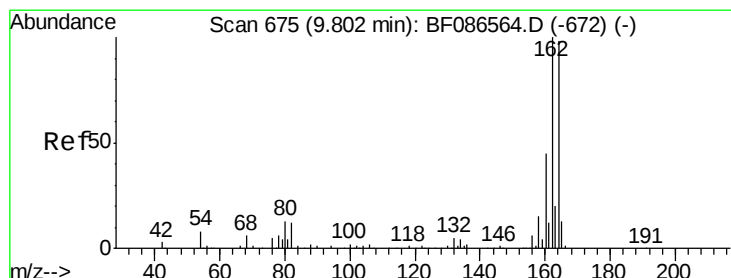
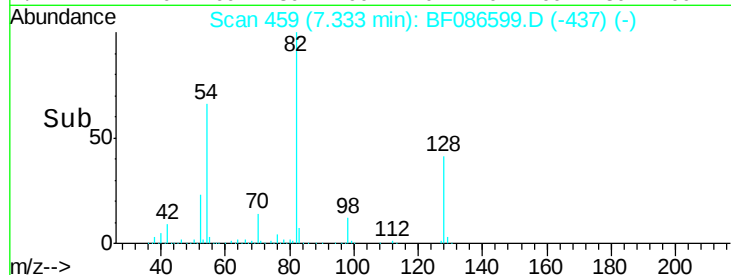
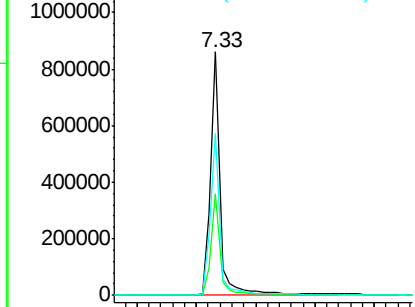
#23
 Nitrobenzene-d5
 Concen: 95.40 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.05 min
 Lab File: BF086599.D
 Acq: 2 May 2016 5:36

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

Tgt Ion: 82 Resp: 987050
 Ion Ratio Lower Upper
 82 100
 128 41.5 40.6 61.0
 54 66.4 38.1 57.1#

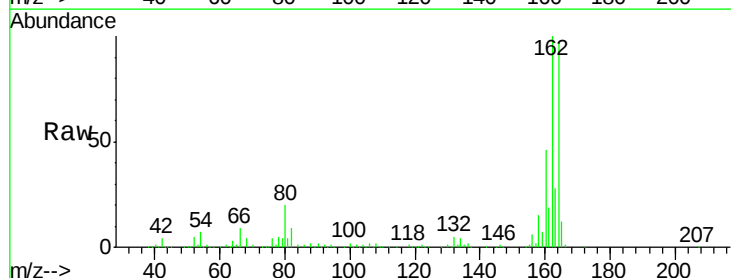


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

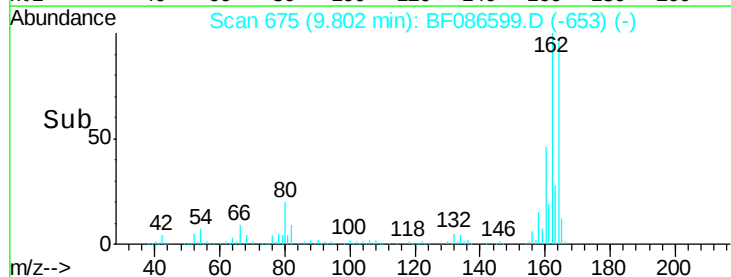
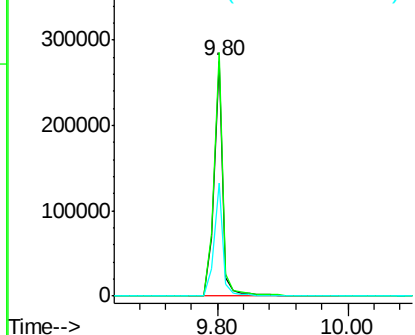


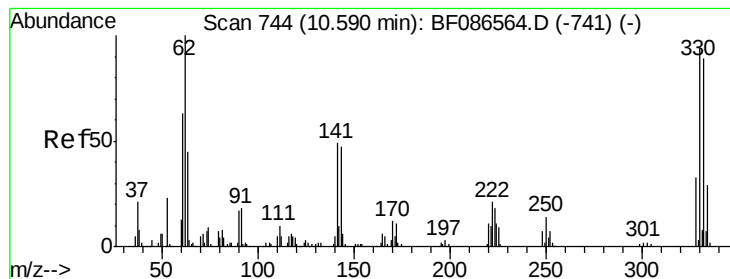
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.05 min
 Lab File: BF086599.D
 Acq: 2 May 2016 5:36

Tgt Ion: 164 Resp: 268312
 Ion Ratio Lower Upper
 164 100
 162 103.6 82.8 124.2
 160 47.9 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: 137.44 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.05 min

Lab File: BF086599.D

Acq: 2 May 2016 5:36

Instrument :

BNA_F

ClientSampleId :

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

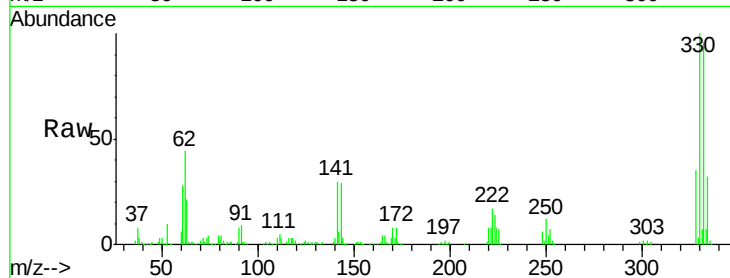
Tgt Ion:330 Resp: 388884

Ion Ratio Lower Upper

330 100

332 95.0 79.0 118.4

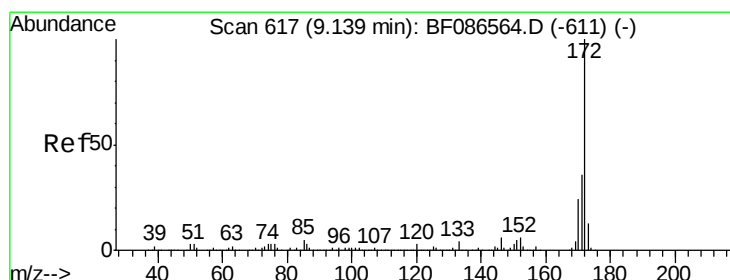
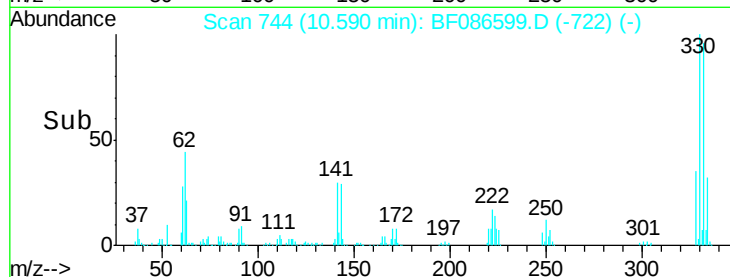
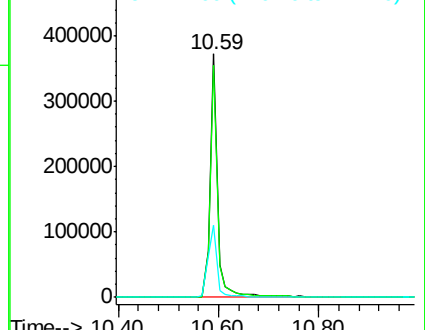
141 37.0 31.2 46.8



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: 94.81 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.05 min

Lab File: BF086599.D

Acq: 2 May 2016 5:36

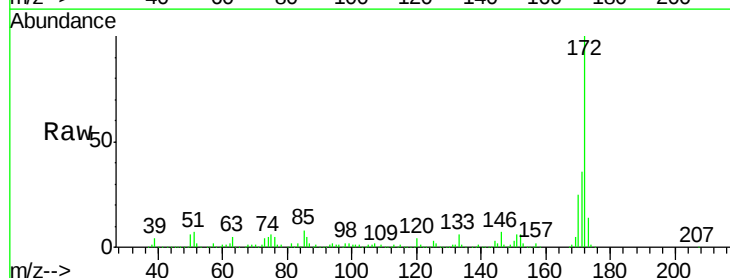
Tgt Ion:172 Resp: 1418748

Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.6

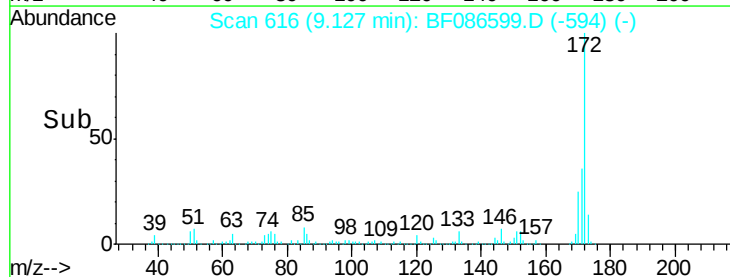
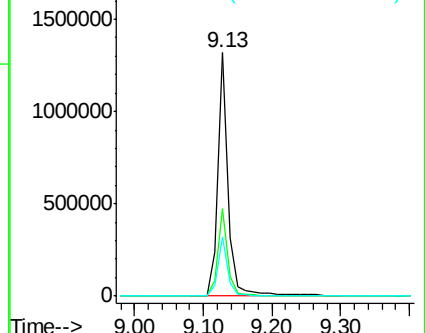
170 24.6 19.8 29.8

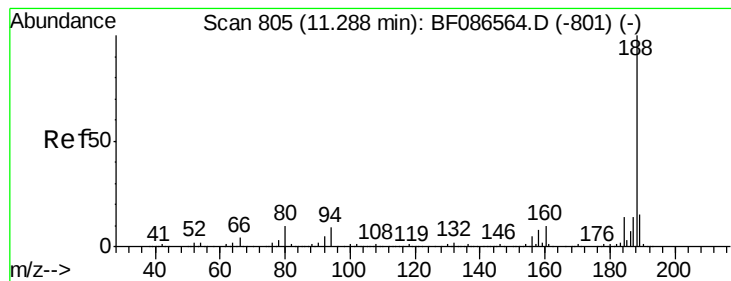


Abundance Ion 172.00 (171.70 to 172.70): E

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: BF086599.D

Acq: 2 May 2016 5:36

Instrument :

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ClientSampleId :

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

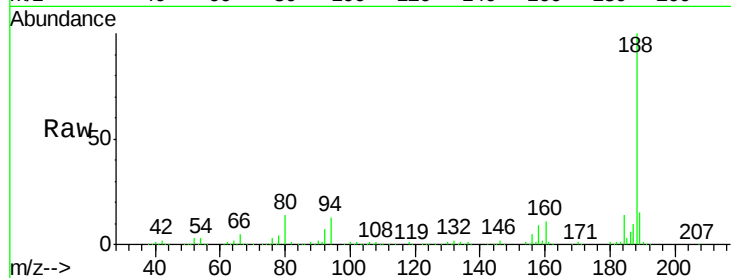
Tgt Ion:188 Resp: 501838

Ion Ratio Lower Upper

188 100

94 12.9 6.8 10.2#

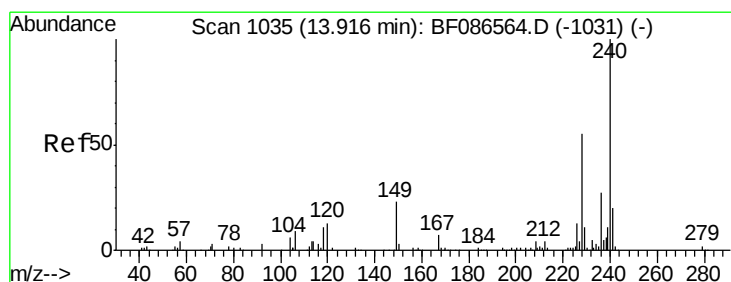
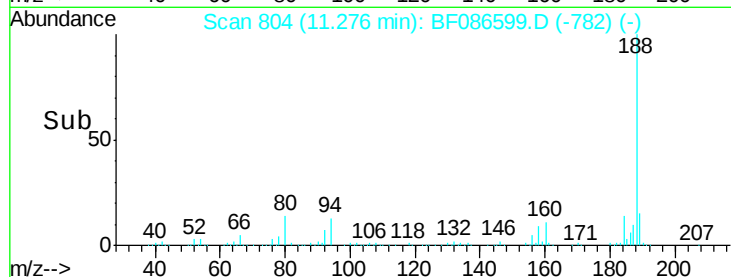
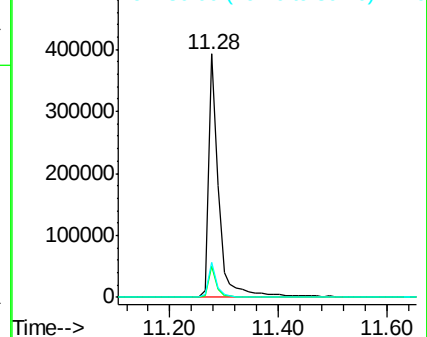
80 14.3 7.1 10.7#



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: 13.91 min Scan# 1034

Delta R.T. -0.06 min

Lab File: BF086599.D

Acq: 2 May 2016 5:36

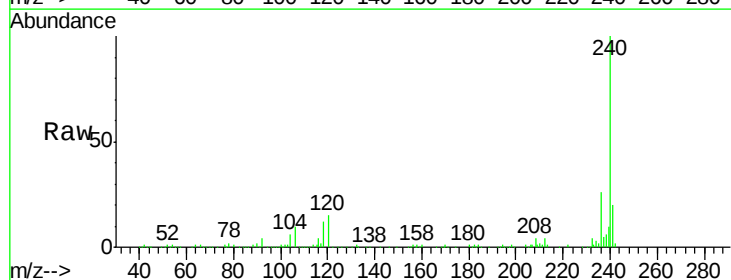
Tgt Ion:240 Resp: 345706

Ion Ratio Lower Upper

240 100

120 14.5 11.2 16.8

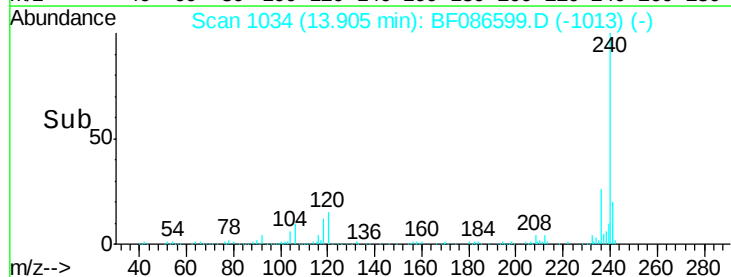
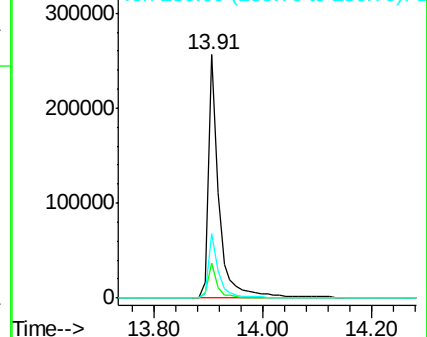
236 26.4 21.2 31.8

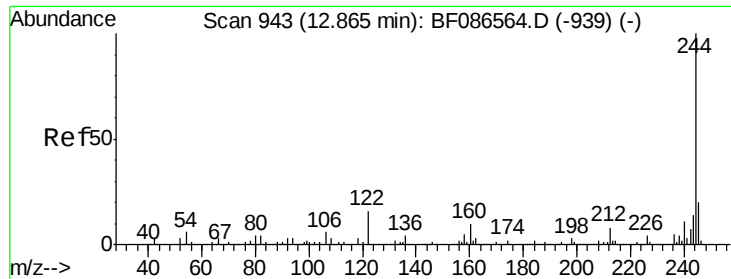


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

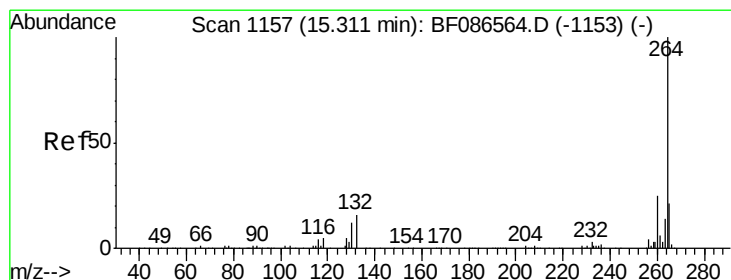
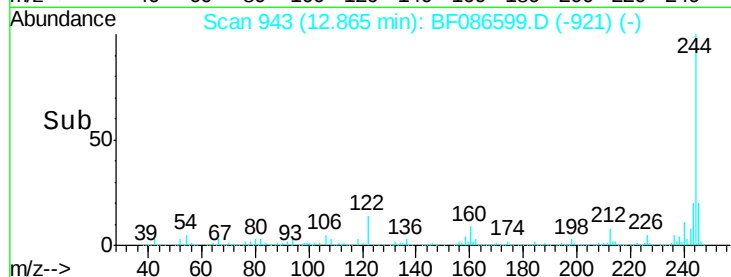
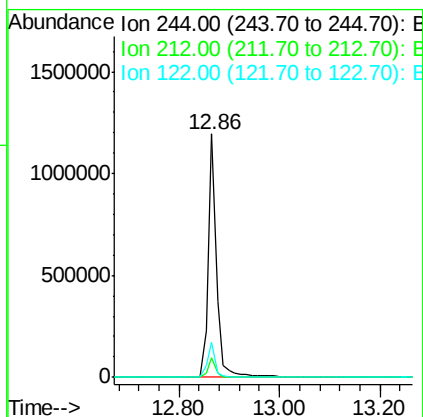
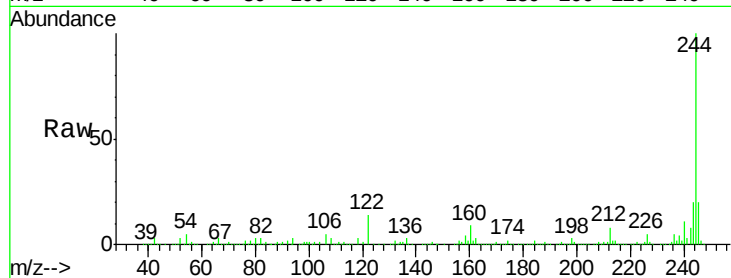




#78
 Terphenyl-d14
 Concen: 87.51 ng
 RT: 12.86 min Scan# 943
 Delta R.T. -0.05 min
 Lab File: BF086599.D
 Acq: 2 May 2016 5:36

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Tgt Ion:244 Resp: 1373130
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 14.1 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: BF086599.D
 Acq: 2 May 2016 5:36

Tgt Ion:264 Resp: 264402
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 21.6 17.3 25.9

