

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\
 Data File : BF086663.D
 Acq On : 4 May 2016 1:23
 Operator : UM/SJ
 Sample : H2716-16RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-5(12-25FTBGS)RE

Quant Time: May 04 05:40:08 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	6.75	152	177650	20.00	ng	-0.06
21) Naphthalene-d8	8.04	136	688662	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	285974	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	426144	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	355731	20.00	ng	-0.07
86) Perylene-d12	15.29	264	247760	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	386482	37.53	ng	-0.04
7) Phenol-d6	6.38	99	520211	36.19	ng	-0.06
23) Nitrobenzene-d5	7.31	82	237630	18.60	ng	-0.07
41) 2,4,6-Tribromophenol	10.58	330	70289	23.31	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	518405	24.28	ng	-0.06
78) Terphenyl-d14	12.85	244	830372	51.43	ng	-0.06

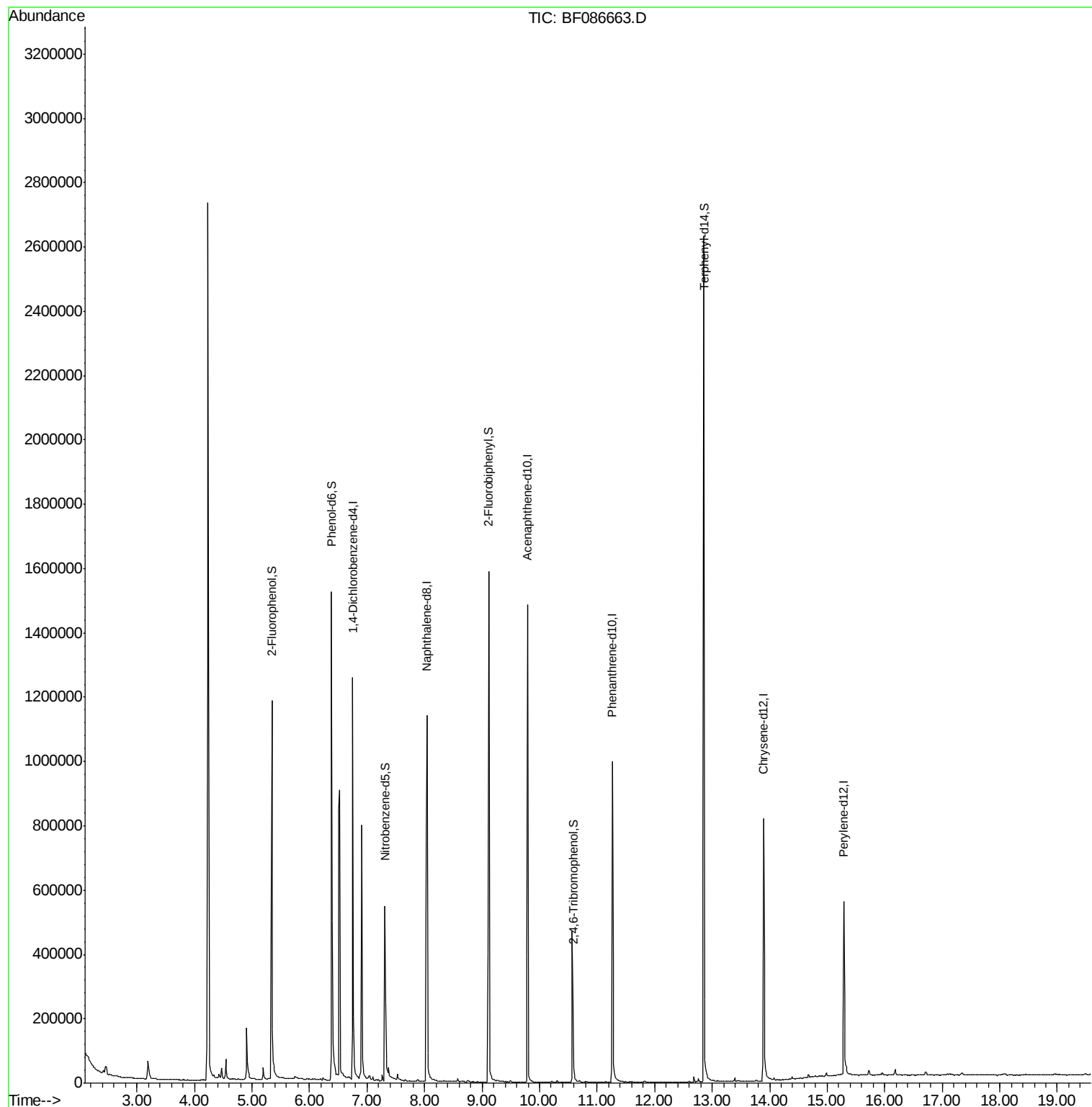
Target Compounds Qvalue

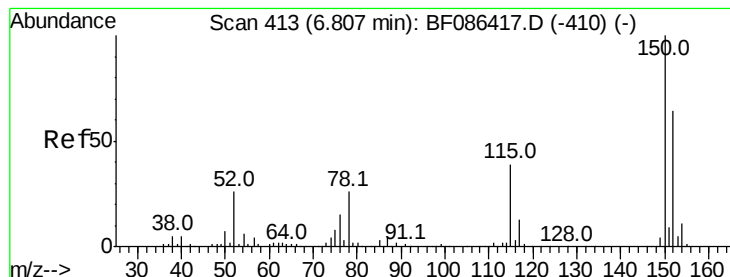
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.06 min

Lab File: BF086663.D

Acq: 4 May 2016 1:23

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-5(12-25FTBGS)RE

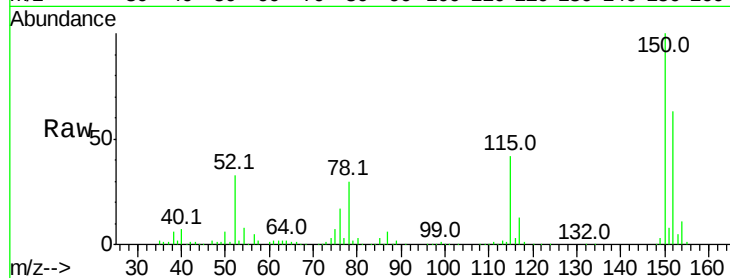
Tot Ion:152 Resp: 177650

Ion Ratio Lower Upper

152 100

150 158.9 125.8 188.6

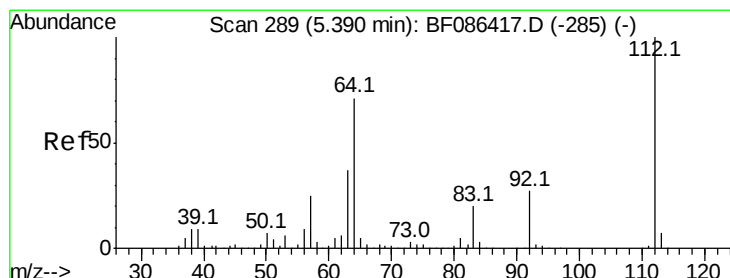
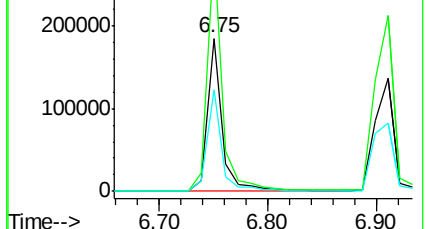
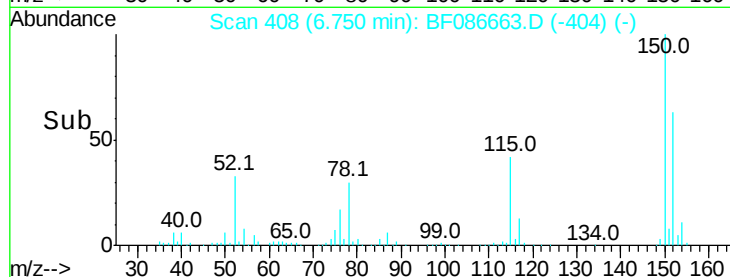
115 66.2 51.5 77.3



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: 37.53 ng

RT: 5.34 min Scan# 285

Delta R.T. -0.04 min

Lab File: BF086663.D

Acq: 4 May 2016 1:23

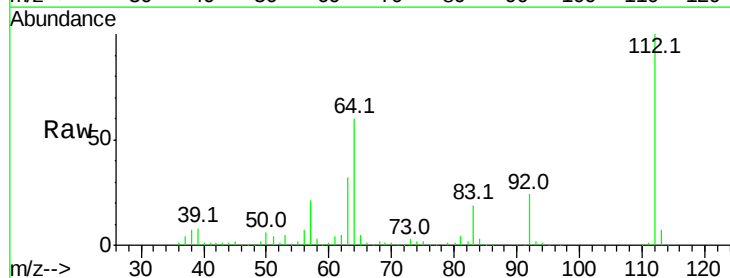
Tgt Ion:112 Resp: 386482

Ion Ratio Lower Upper

112 100

64 60.4 52.1 78.1

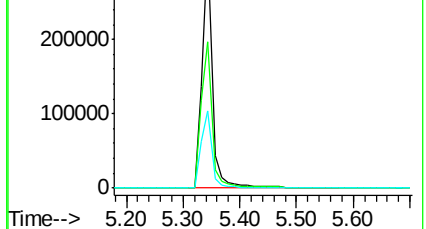
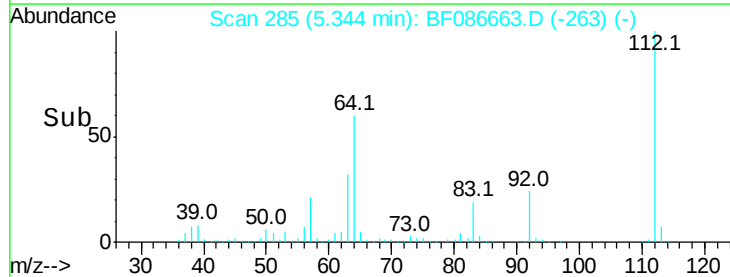
63 31.5 25.7 38.5

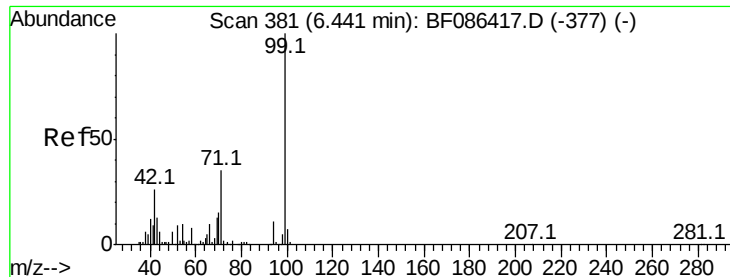


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.19 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.06 min

Lab File: BF086663.D

Acq: 4 May 2016 1:23

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-5(12-25FTBGS)RE

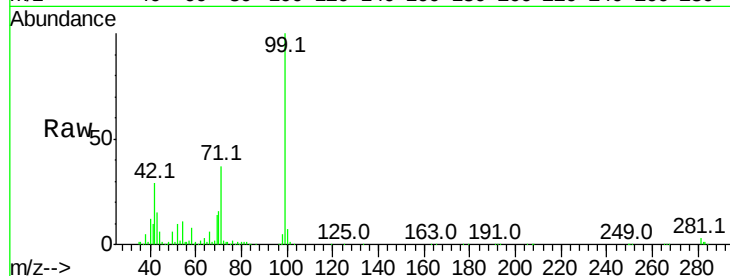
Tot Ion: 99 Resp: 520211

Ion Ratio Lower Upper

99 100

42 29.5 13.6 20.4#

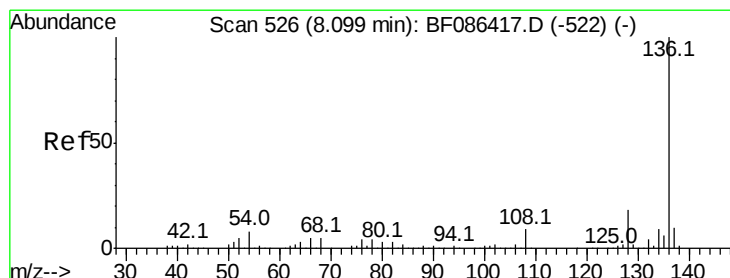
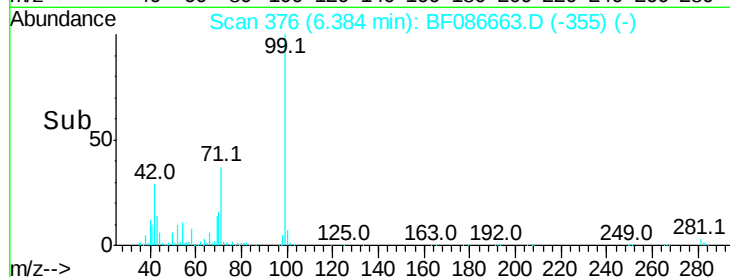
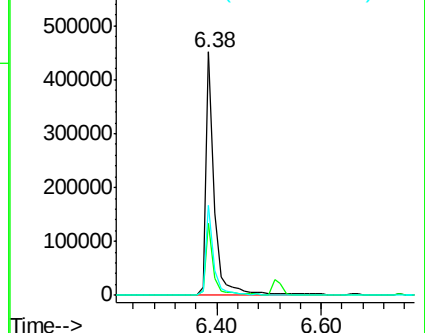
71 36.8 24.6 36.8



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: 8.04 min Scan# 521

Delta R.T. -0.06 min

Lab File: BF086663.D

Acq: 4 May 2016 1:23

Tgt Ion: 136 Resp: 688662

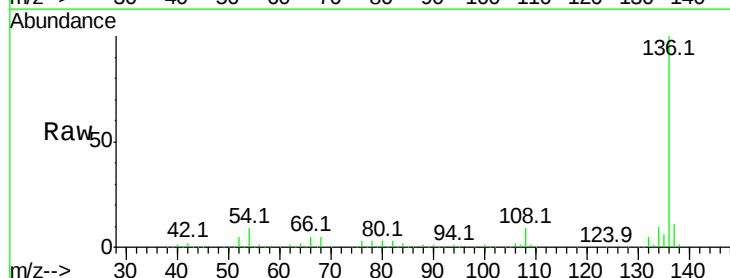
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.6 5.0 7.4#

68 5.0 4.4 6.6

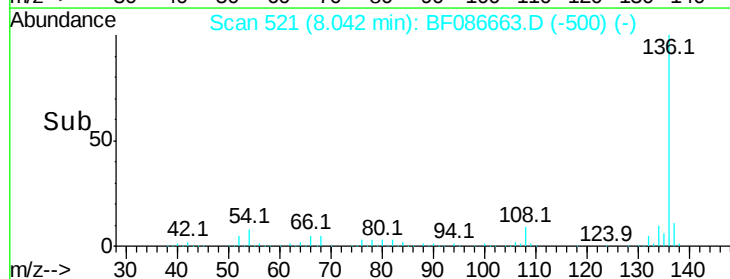
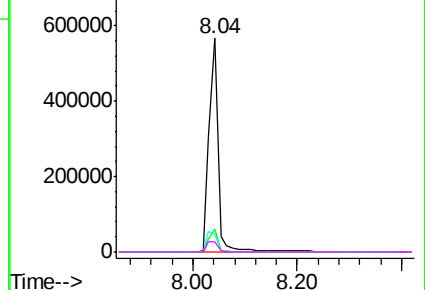


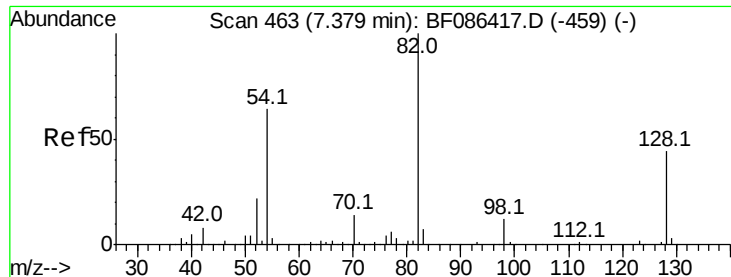
Abundance Ion 136.00 (135.70 to 136.70): E

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

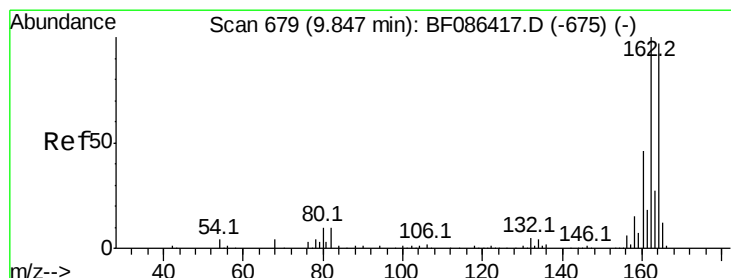
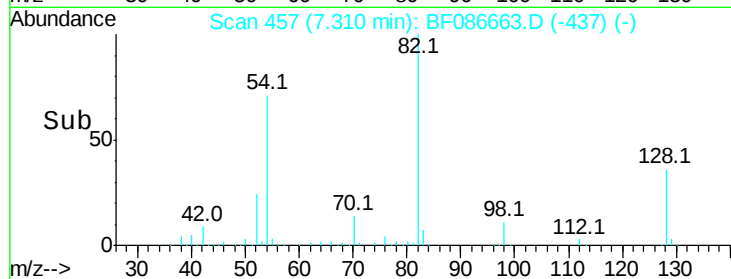
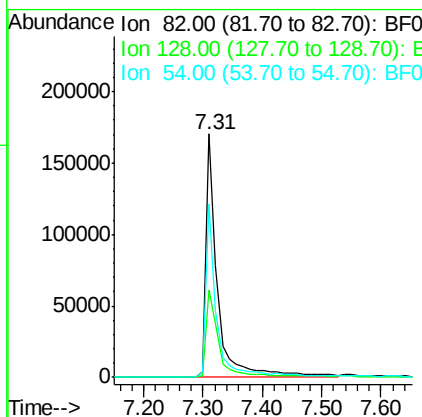
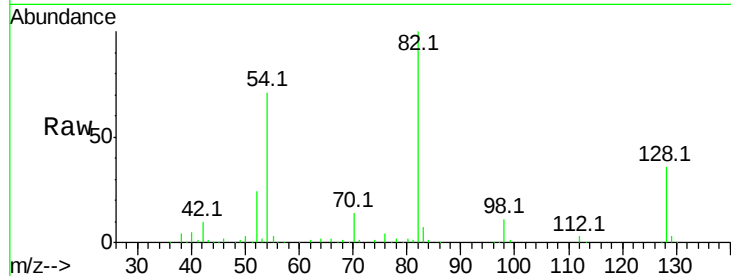




#23
 Nitrobenzene-d5
 Concen: 18.60 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.07 min
 Lab File: BF086663.D
 Acq: 4 May 2016 1:23

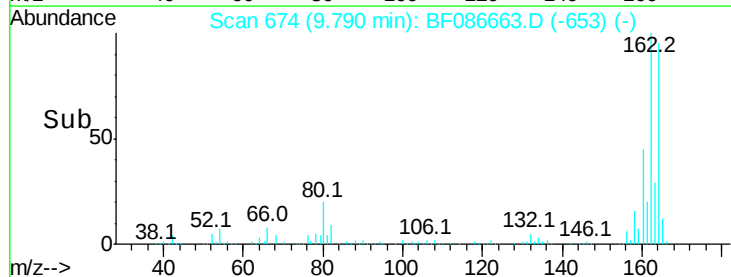
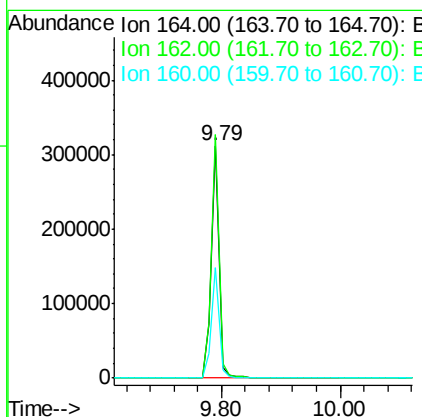
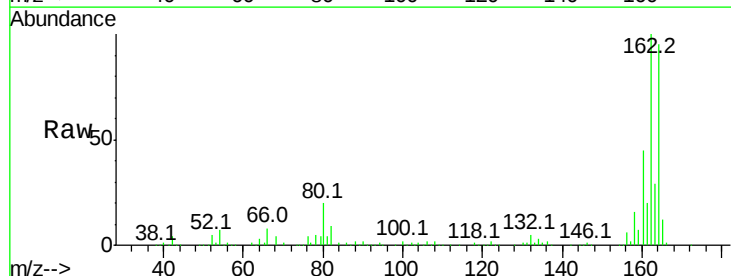
Instrument :
 BNA_F
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 26WARD-3-CS-5(12-25FTBGS)RE

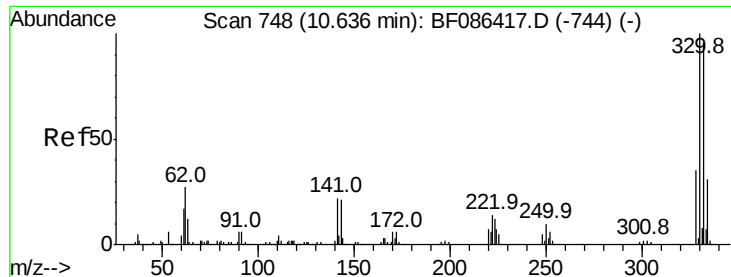
Tot Ion: 82 Resp: 237630
 Ion Ratio Lower Upper
 82 100
 128 35.8 40.6 61.0#
 54 71.0 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.06 min
 Lab File: BF086663.D
 Acq: 4 May 2016 1:23

Tgt Ion: 164 Resp: 285974
 Ion Ratio Lower Upper
 164 100
 162 104.8 82.8 124.2
 160 47.5 36.9 55.3

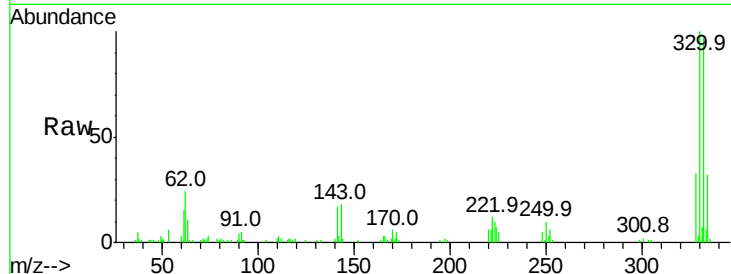




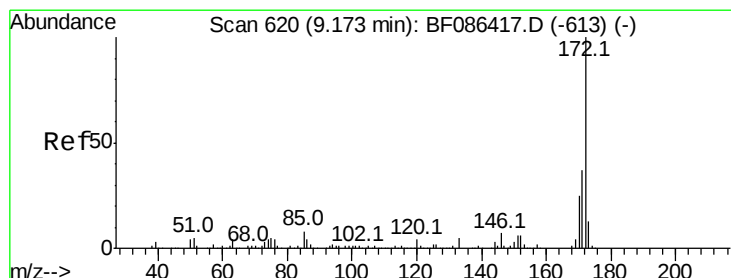
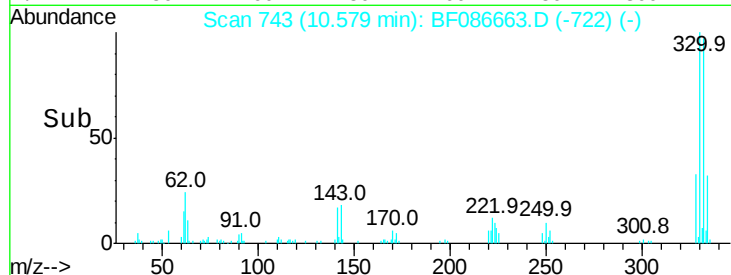
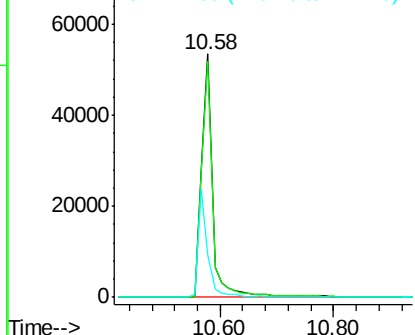
#41
 2,4,6-Tribromophenol
 Concen: 23.31 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.06 min
 Lab File: BF086663.D
 Acq: 4 May 2016 1:23

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-5(12-25FTBGS)RE

Tot Ion:330 Resp: 70289
 Ion Ratio Lower Upper
 330 100
 332 95.7 79.0 118.4
 141 37.1 31.2 46.8

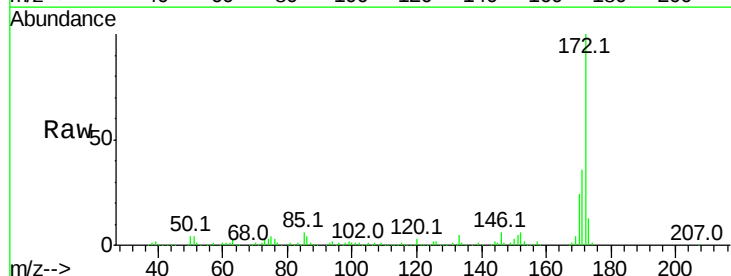


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

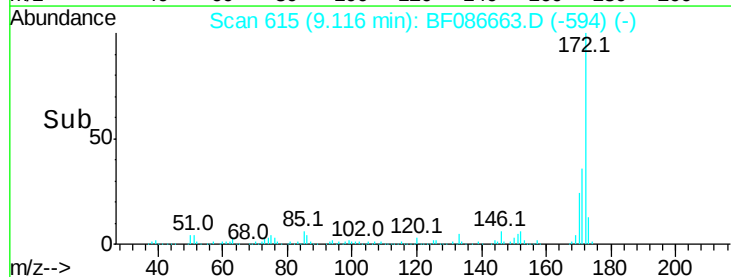
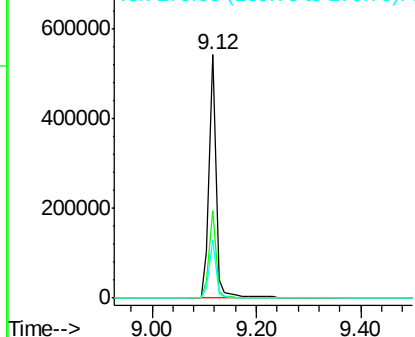


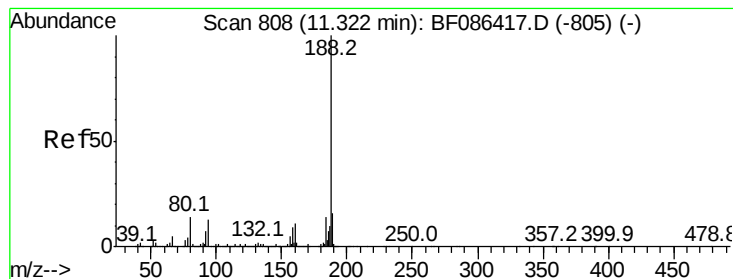
#44
 2-Fluorobiphenyl
 Concen: 24.28 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF086663.D
 Acq: 4 May 2016 1:23

Tgt Ion:172 Resp: 518405
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.6
 170 23.9 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: 11.26 min Scan# 803

Delta R.T. -0.06 min

Lab File: BF086663.D

Acq: 4 May 2016 1:23

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-5(12-25FTBGS)RE

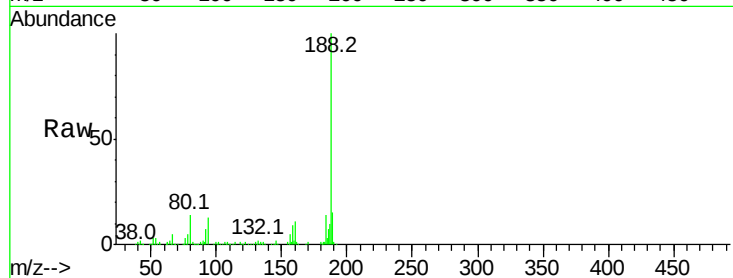
Tot Ion:188 Resp: 426144

Ion Ratio Lower Upper

188 100

94 13.1 6.8 10.2#

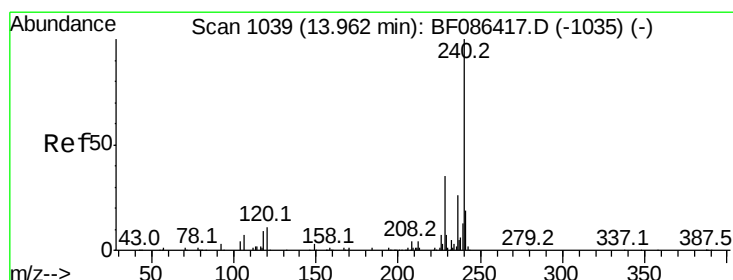
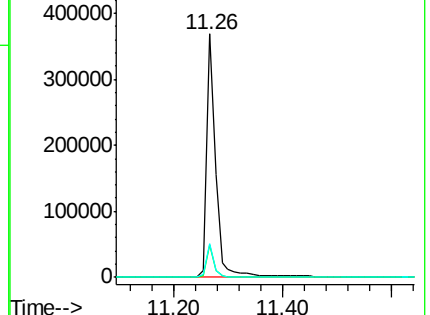
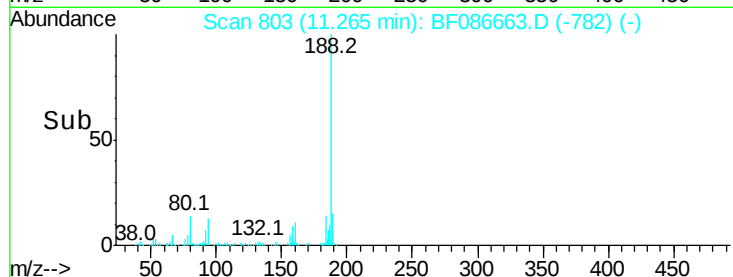
80 14.0 7.1 10.7#



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: 13.89 min Scan# 1033

Delta R.T. -0.07 min

Lab File: BF086663.D

Acq: 4 May 2016 1:23

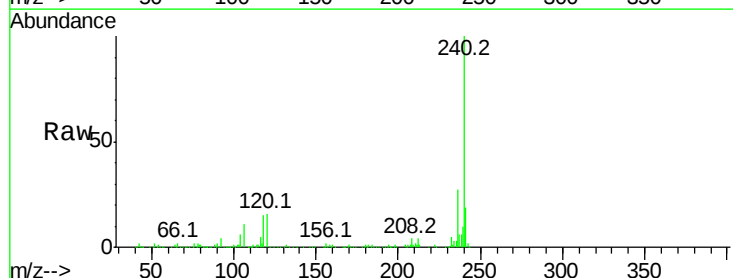
Tgt Ion:240 Resp: 355731

Ion Ratio Lower Upper

240 100

120 16.4 11.2 16.8

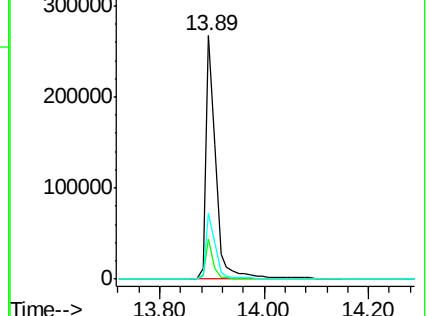
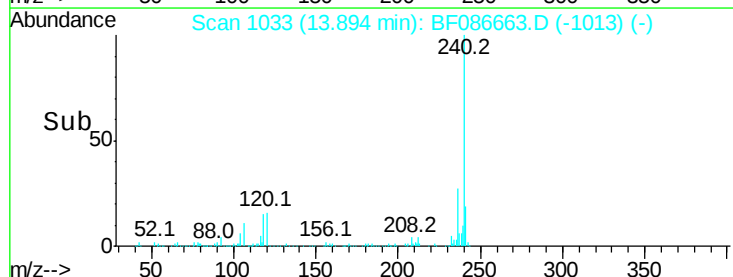
236 27.0 21.2 31.8

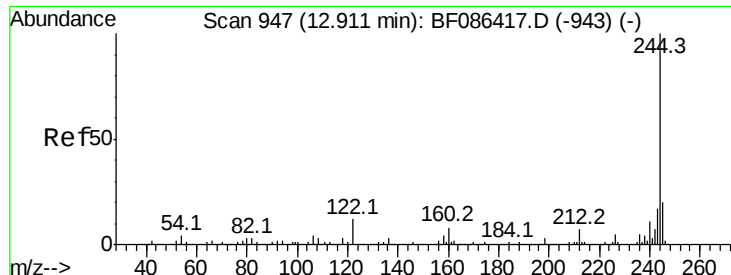


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

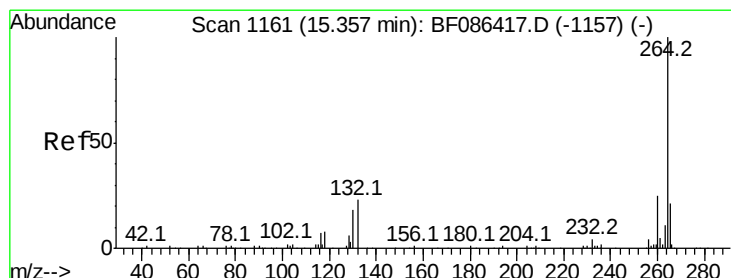
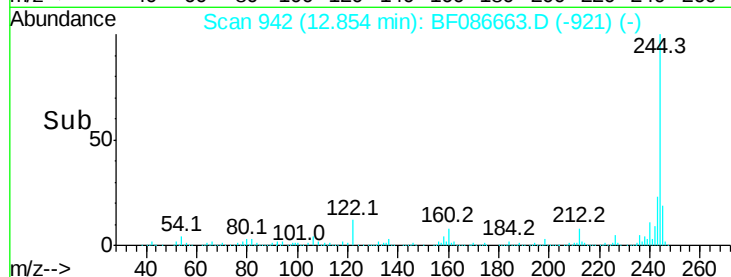
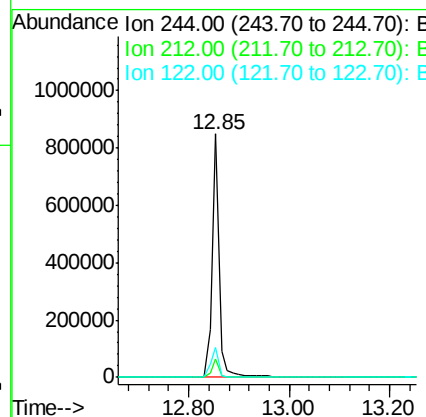
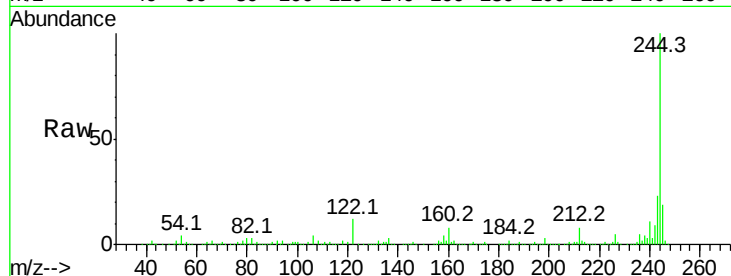




#78
 Terphenyl-d14
 Concen: 51.43 ng
 RT: 12.85 min Scan# 942
 Delta R.T. -0.06 min
 Lab File: BF086663.D
 Acq: 4 May 2016 1:23

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Tot Ion:244 Resp: 830372
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 12.2 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.07 min
 Lab File: BF086663.D
 Acq: 4 May 2016 1:23

Tgt Ion:264 Resp: 247760
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.5 29.3
 265 21.8 17.3 25.9

