

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\
 Data File : BF086641.D
 Acq On : 3 May 2016 13:27
 Operator : UM/SJ
 Sample : H2654-17RE
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-4(0-6FTBGS)RE

Quant Time: May 03 13:58:58 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

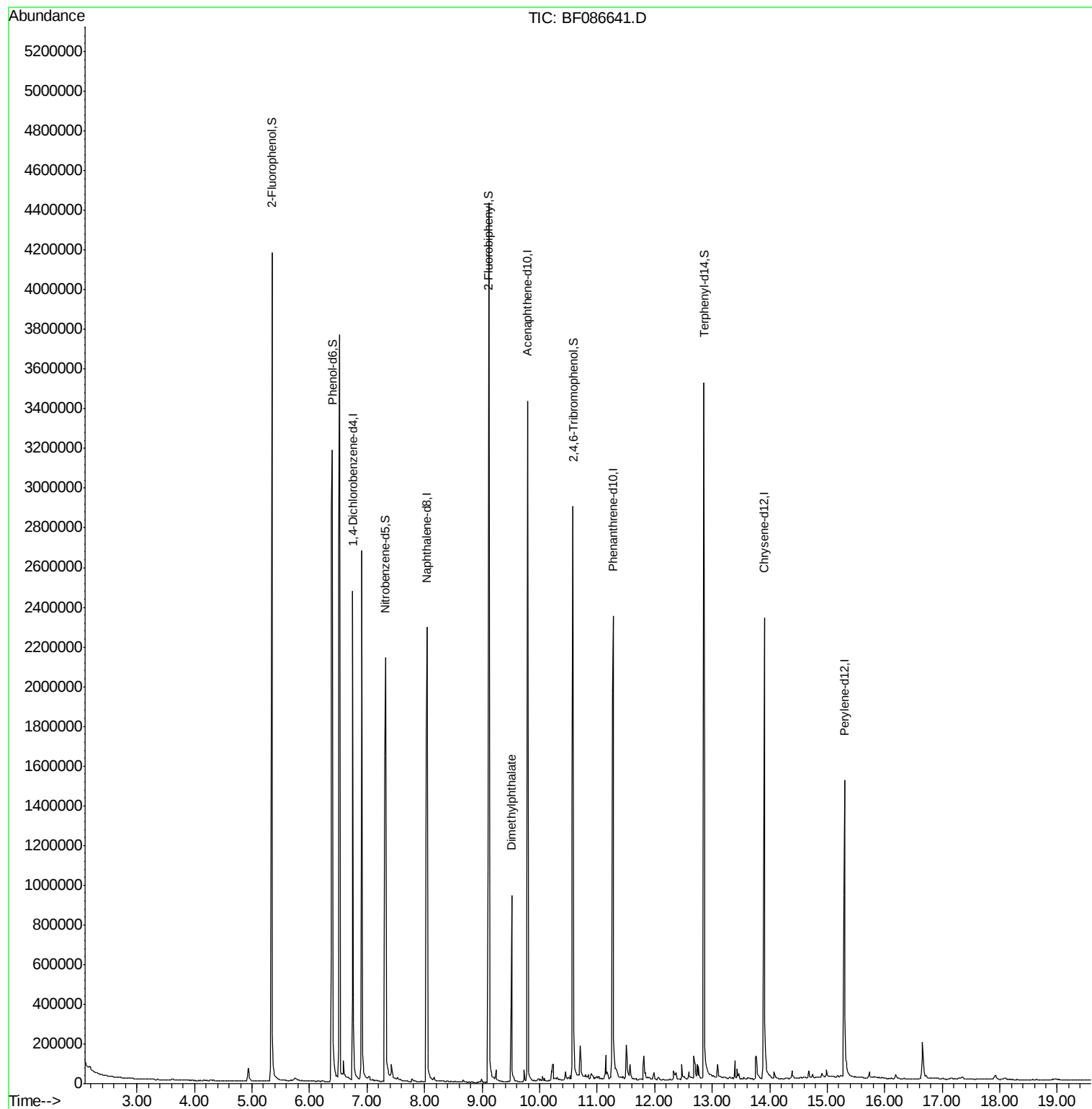
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	341743	20.00	ng	-0.06
21) Naphthalene-d8	8.04	136	1423250	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	674281	20.00	ng	-0.06
63) Phenanthrene-d10	11.28	188	1289494	20.00	ng	-0.05
75) Chrysene-d12	13.91	240	983715	20.00	ng	-0.06
86) Perylene-d12	15.30	264	761456	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1121527	56.61	ng	-0.04
7) Phenol-d6	6.40	99	1623258	58.70	ng	-0.05
23) Nitrobenzene-d5	7.32	82	994597	37.67	ng	-0.06
41) 2,4,6-Tribromophenol	10.58	330	376185	52.90	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	1426307	29.78	ng	-0.06
78) Terphenyl-d14	12.85	244	1277596	28.61	ng	-0.06
Target Compounds						
49) Dimethylphthalate	9.52	163	429063	8.45	ng	Qvalue 99

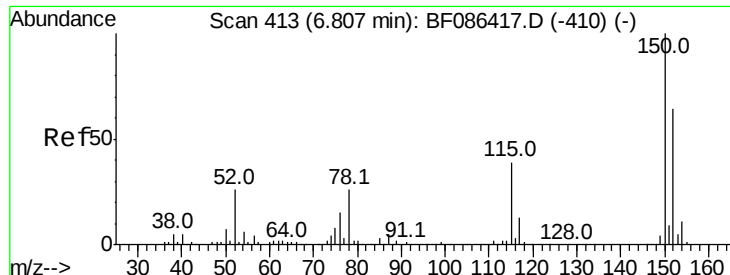
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.06 min

Lab File: BF086641.D

Acq: 3 May 2016 13:27

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-4(0-6FTBGS)RE

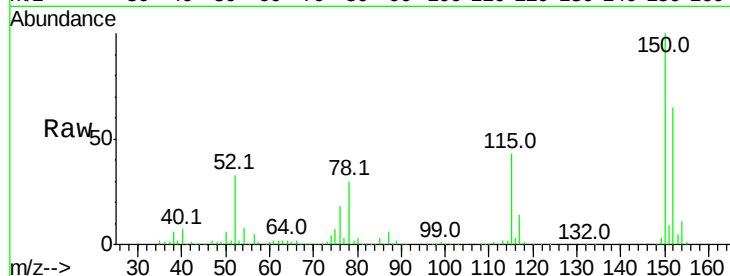
Tot Ion:152 Resp: 341743

Ion Ratio Lower Upper

152 100

150 153.0 125.8 188.6

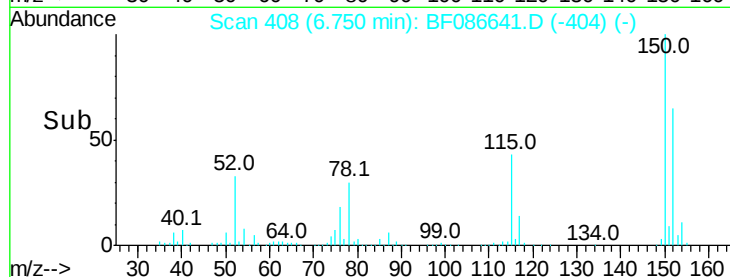
115 66.3 51.5 77.3



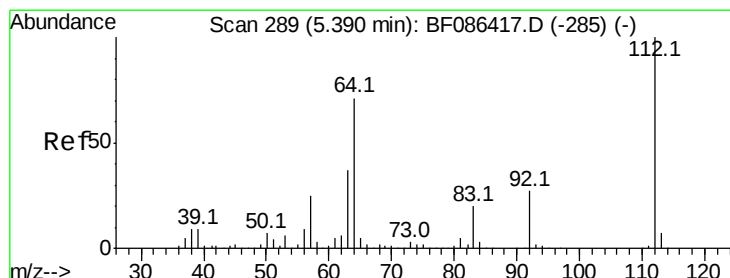
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 56.61 ng

RT: 5.34 min Scan# 285

Delta R.T. -0.04 min

Lab File: BF086641.D

Acq: 3 May 2016 13:27

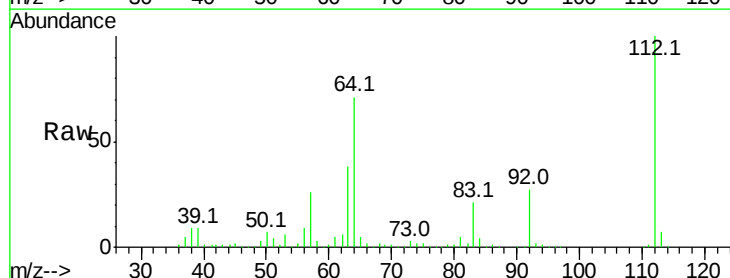
Tgt Ion:112 Resp: 1121527

Ion Ratio Lower Upper

112 100

64 70.7 52.1 78.1

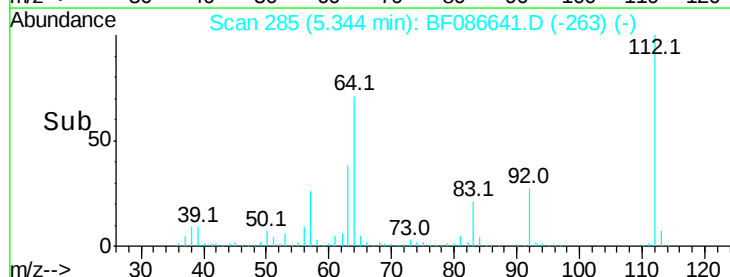
63 38.2 25.7 38.5



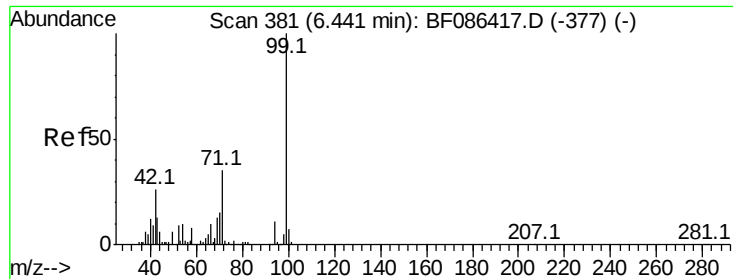
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#7

Phenol-d6

Concen: 58.70 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF086641.D

Acq: 3 May 2016 13:27

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-4(0-6FTBGS)RE

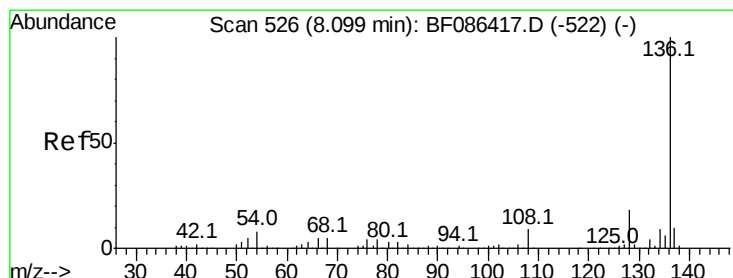
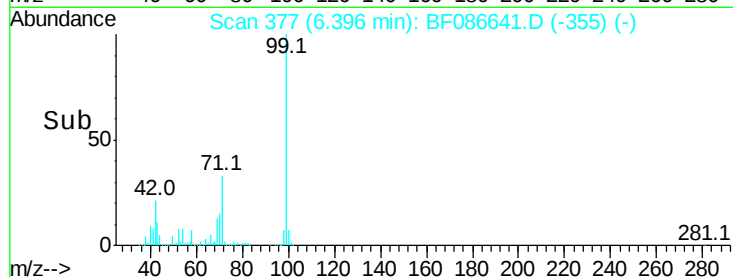
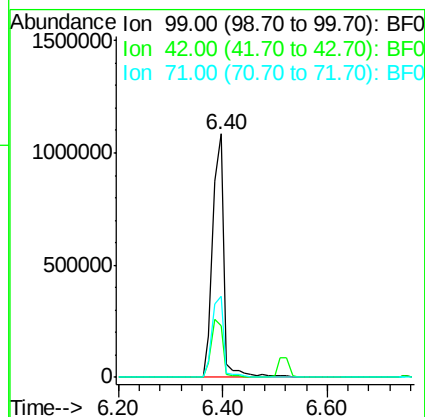
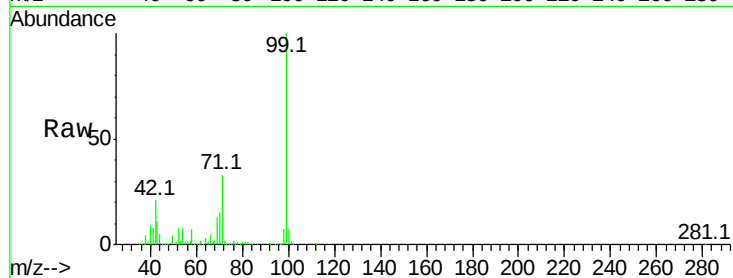
Tot Ion: 99 Resp: 1623258

Ion Ratio Lower Upper

99 100

42 21.4 13.6 20.4#

71 33.1 24.6 36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.06 min

Lab File: BF086641.D

Acq: 3 May 2016 13:27

Tgt Ion: 136 Resp: 1423250

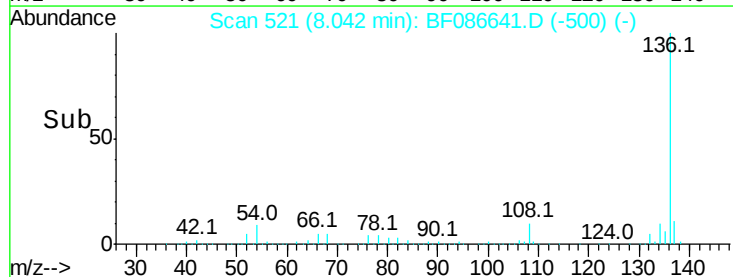
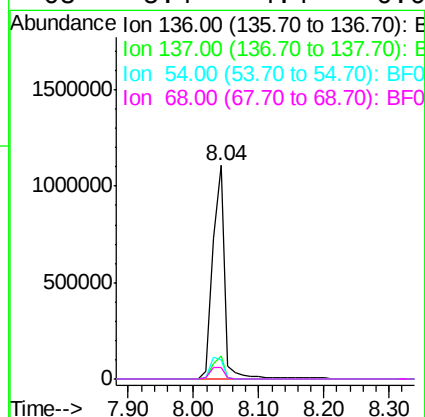
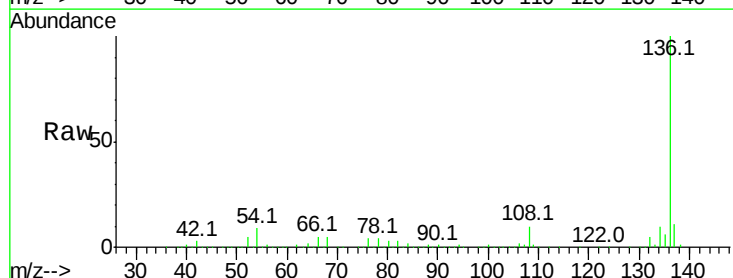
Ion Ratio Lower Upper

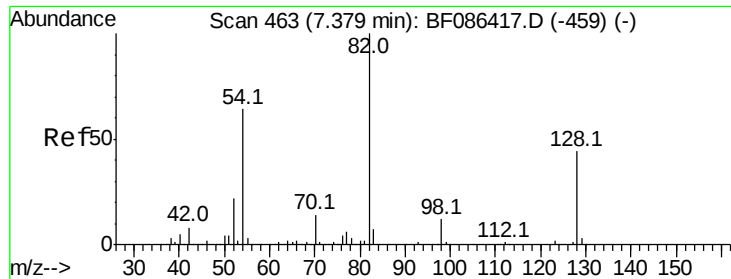
136 100

137 11.0 8.8 13.2

54 9.2 5.0 7.4#

68 5.4 4.4 6.6

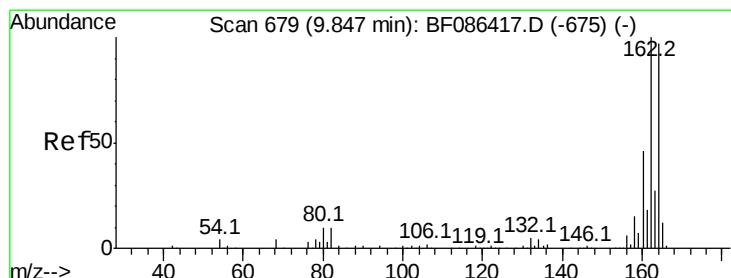
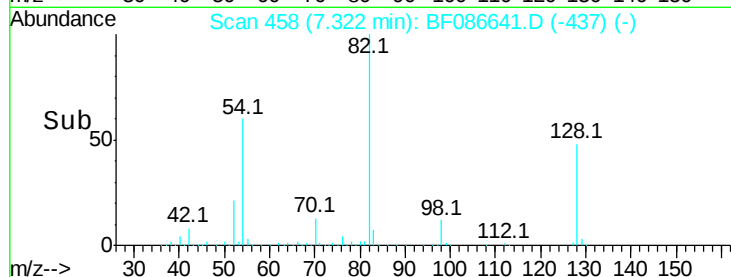
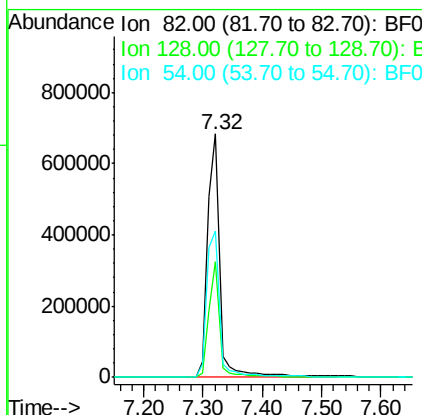
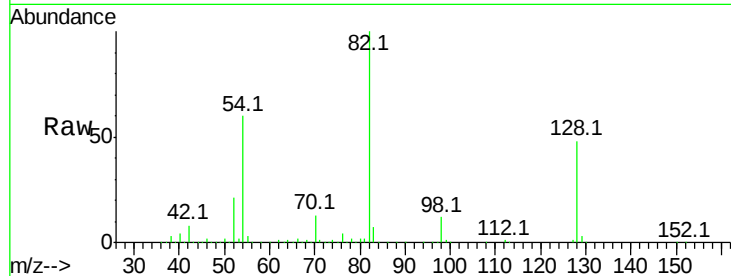




#23
 Nitrobenzene-d5
 Concen: 37.67 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.06 min
 Lab File: BF086641.D
 Acq: 3 May 2016 13:27

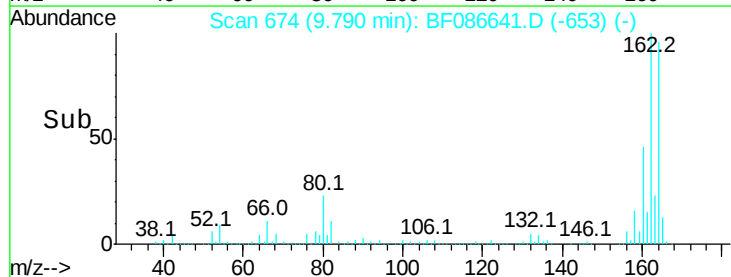
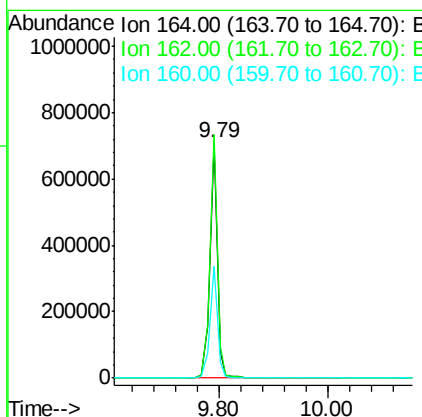
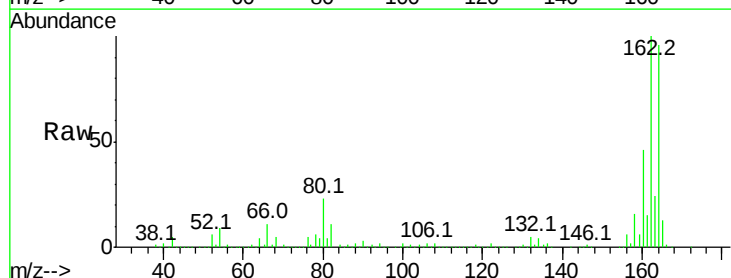
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-4(0-6FTBGS)RE

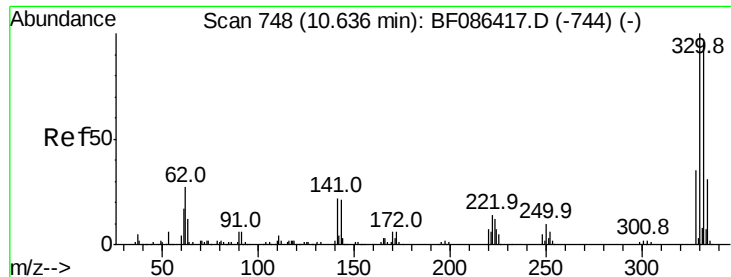
Tot Ion: 82 Resp: 994597
 Ion Ratio Lower Upper
 82 100
 128 47.6 40.6 61.0
 54 59.9 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.06 min
 Lab File: BF086641.D
 Acq: 3 May 2016 13:27

Tgt Ion:164 Resp: 674281
 Ion Ratio Lower Upper
 164 100
 162 103.6 82.8 124.2
 160 47.3 36.9 55.3

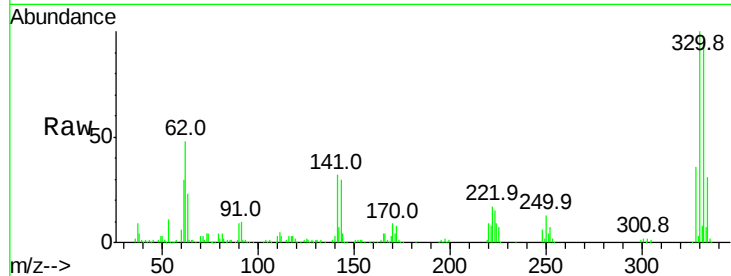




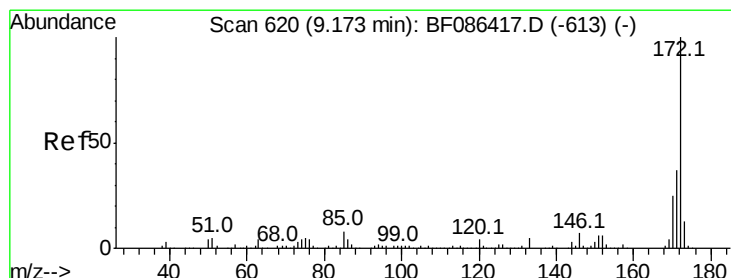
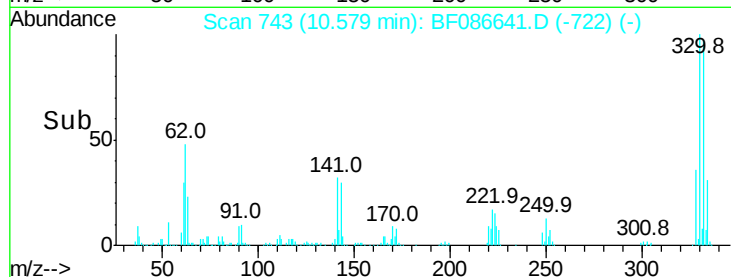
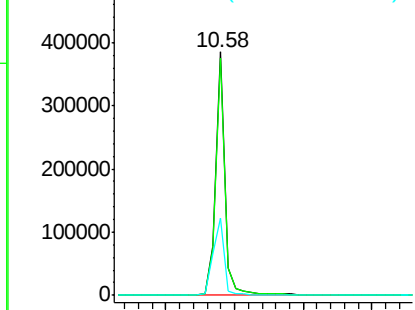
#41
 2,4,6-Tribromophenol
 Concen: 52.90 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.06 min
 Lab File: BF086641.D
 Acq: 3 May 2016 13:27

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-4(0-6FTBGS)RE

Tot Ion:330 Resp: 376185
 Ion Ratio Lower Upper
 330 100
 332 97.6 79.0 118.4
 141 38.1 31.2 46.8

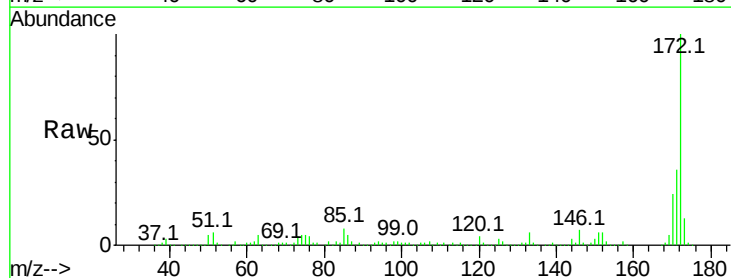


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

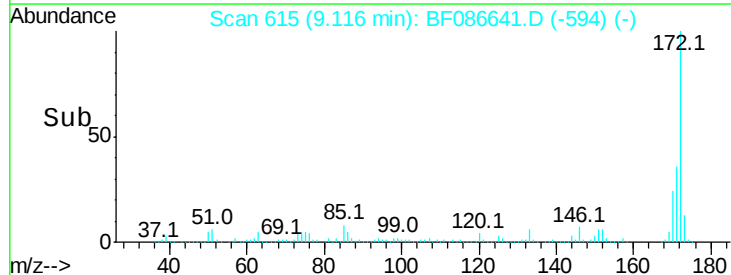
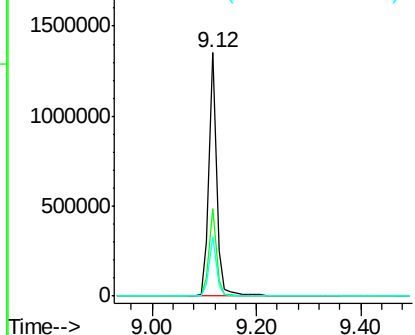


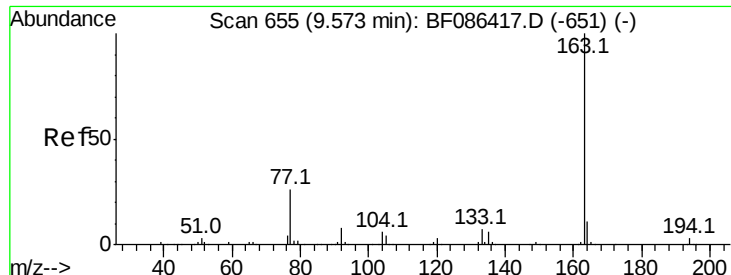
#44
 2-Fluorobiphenyl
 Concen: 29.78 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF086641.D
 Acq: 3 May 2016 13:27

Tgt Ion:172 Resp: 1426307
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 24.3 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

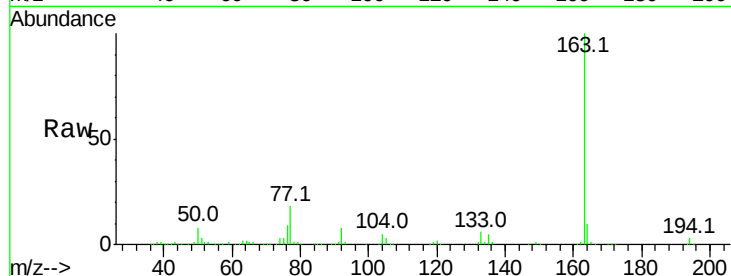




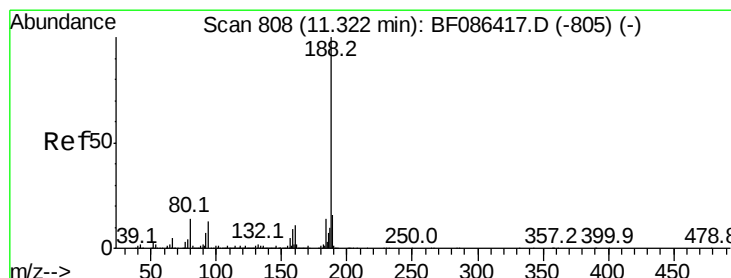
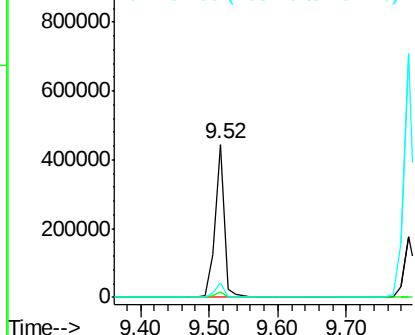
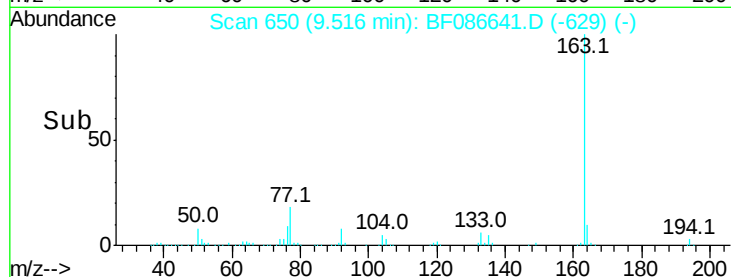
#49
Dimethylphthalate
Concen: 8.45 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.06 min
Lab File: BF086641.D
Acq: 3 May 2016 13:27

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-4(0-6FTBGS)RE

Tot Ion:163 Resp: 429063
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.7 8.2 12.4

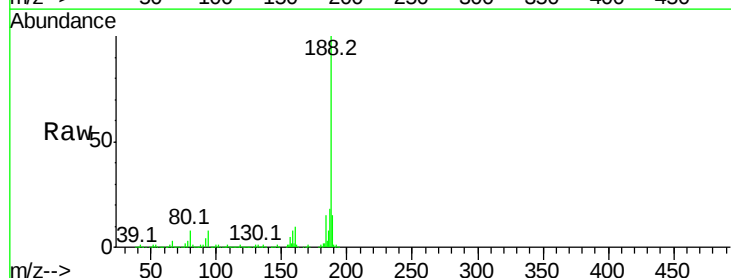


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

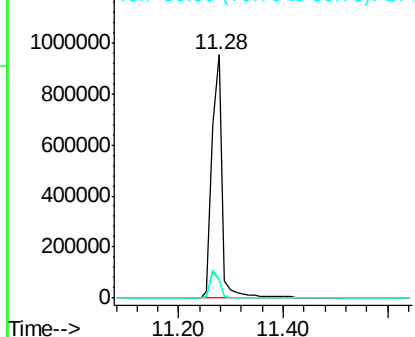
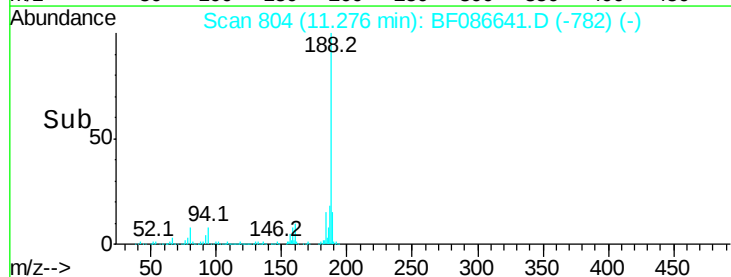


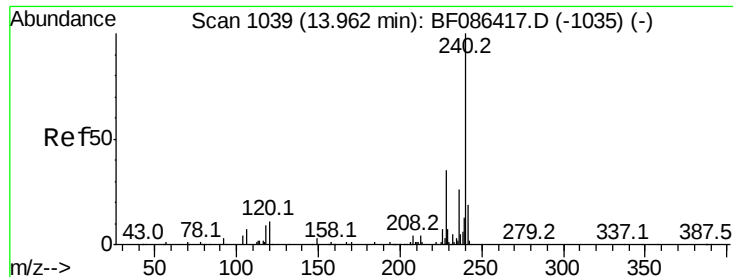
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.05 min
Lab File: BF086641.D
Acq: 3 May 2016 13:27

Tgt Ion:188 Resp: 1289494
Ion Ratio Lower Upper
188 100
94 7.5 6.8 10.2
80 7.6 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: BF086641.D

Acq: 3 May 2016 13:27

Instrument :

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ClientSampleId :

26WARD-2A-CS-4(0-6FTBGS)RE

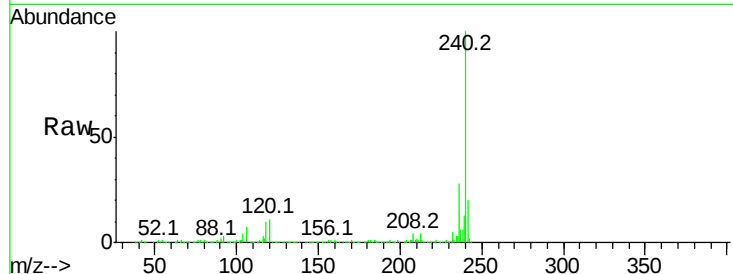
Tot Ion:240 Resp: 983715

Ion Ratio Lower Upper

240 100

120 10.7 11.2 16.8#

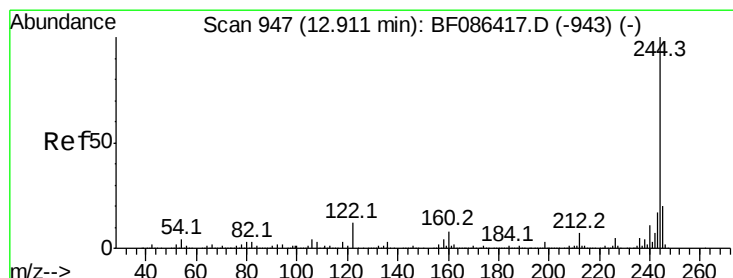
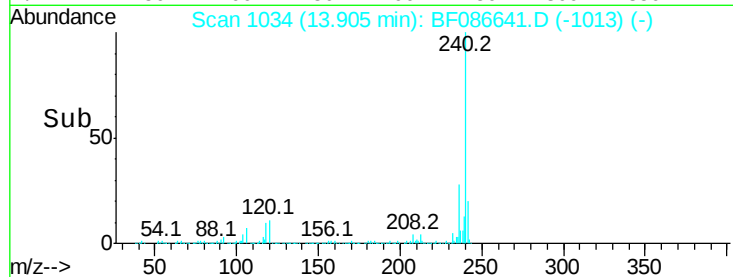
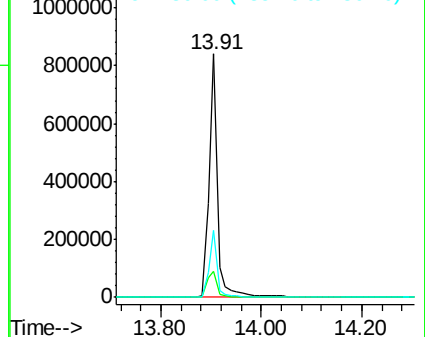
236 27.5 21.2 31.8



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: 28.61 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.06 min

Lab File: BF086641.D

Acq: 3 May 2016 13:27

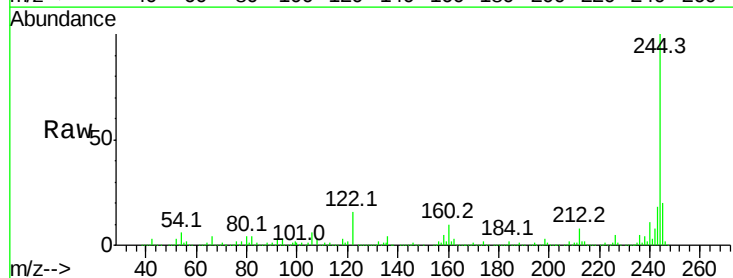
Tgt Ion:244 Resp: 1277596

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

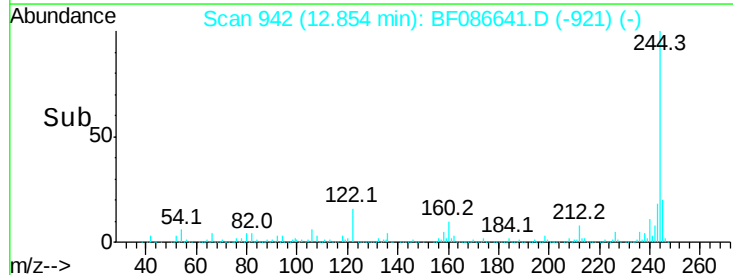
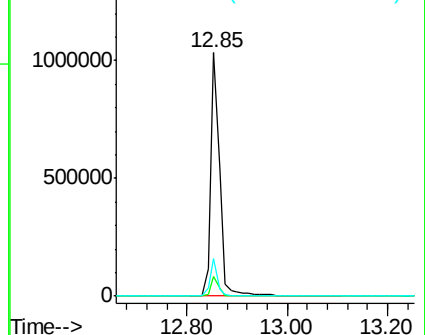
122 15.5 12.0 18.0

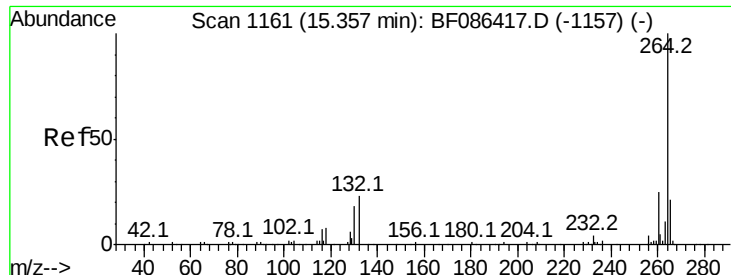


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

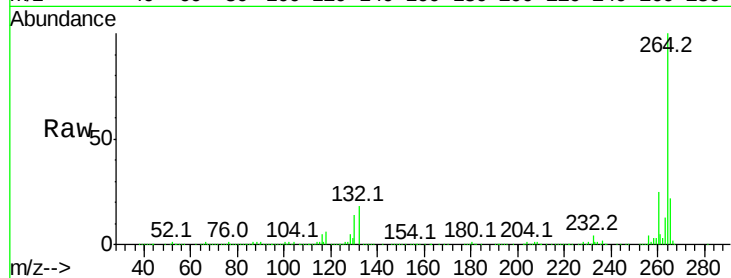




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.06 min
 Lab File: BF086641.D
 Acq: 3 May 2016 13:27

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-4(0-6FTBGS)RE

Tot Ion:264 Resp: 761456
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.5 29.3
 265 21.5 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

