

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050116\
 Data File : BF086577.D
 Acq On : 1 May 2016 18:24
 Operator : UM/SJ
 Sample : H2683-13
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-3(0-6FTBGS)

Quant Time: May 02 04:24:49 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

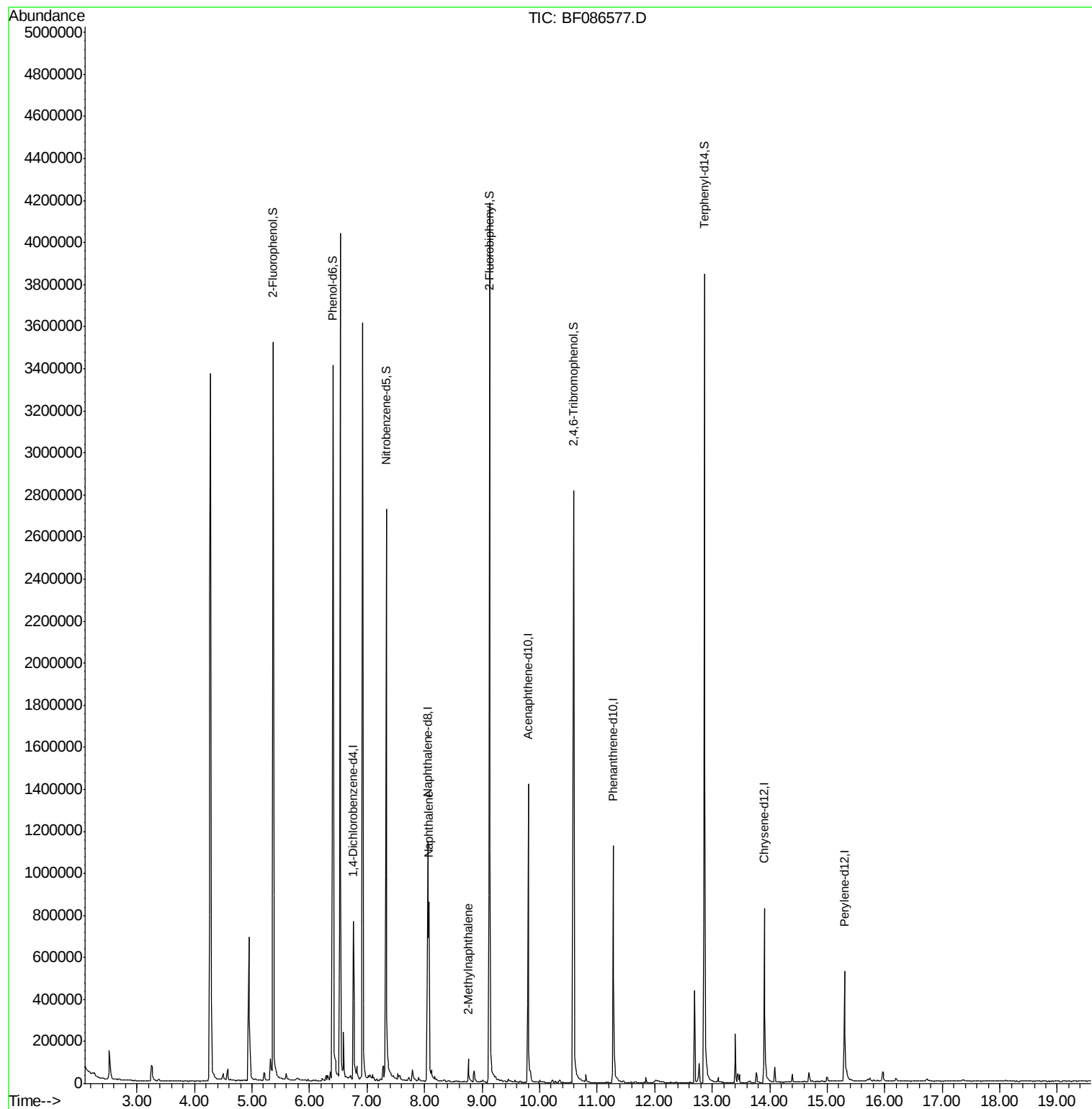
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	133952	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	585305	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	287541	20.00	ng	-0.05
63) Phenanthrene-d10	11.28	188	537717	20.00	ng	-0.05
75) Chrysene-d12	13.91	240	382937	20.00	ng	-0.06
86) Perylene-d12	15.30	264	263641	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	962284	123.91	ng	-0.02
7) Phenol-d6	6.41	99	1183420	109.18	ng	-0.03
23) Nitrobenzene-d5	7.33	82	990025	91.17	ng	-0.05
41) 2,4,6-Tribromophenol	10.59	330	386548	127.48	ng	-0.05
44) 2-Fluorobiphenyl	9.13	172	1460357	90.01	ng	-0.05
78) Terphenyl-d14	12.87	244	1449875	83.41	ng	-0.05
Target Compounds						
31) Naphthalene	8.08	128	537429	18.04	ng	99
37) 2-Methylnaphthalene	8.76	142	38615	2.20	ng	99

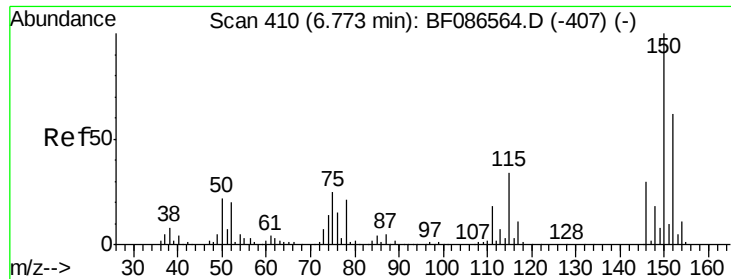
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050116\
Data File : BF086577.D
Acq On : 1 May 2016 18:24
Operator : UM/SJ
Sample : H2683-13
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-3(0-6FTBGS)

Quant Time: May 02 04:24:49 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



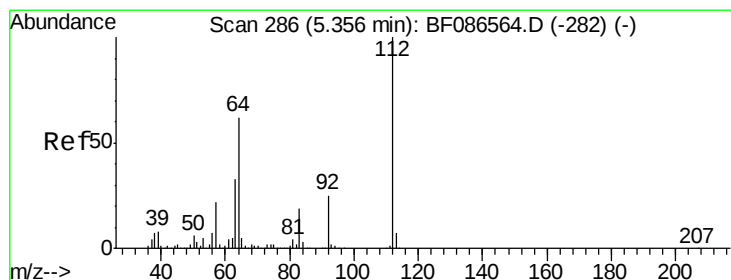
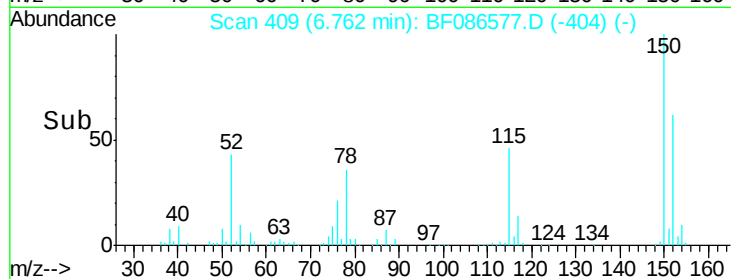
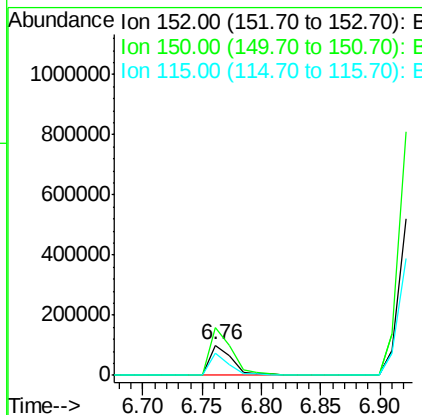
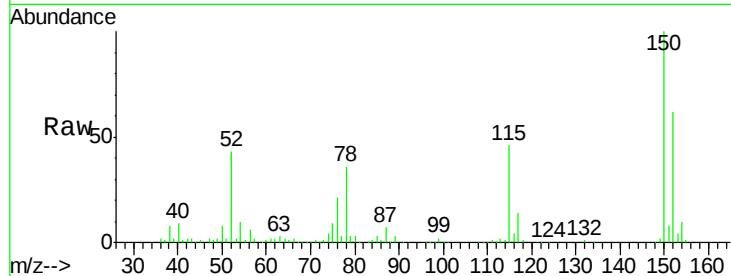


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.05 min
 Lab File: BF086577.D
 Acq: 1 May 2016 18:24

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-3(0-6FTBGS)

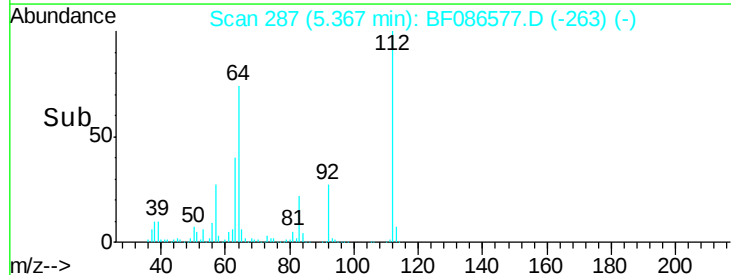
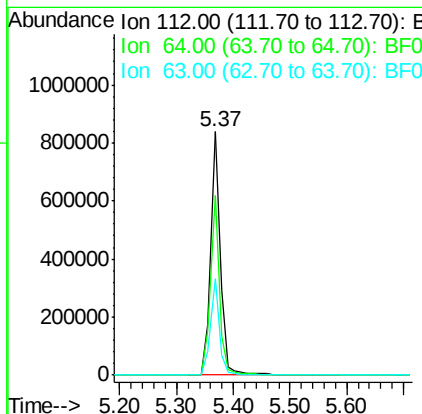
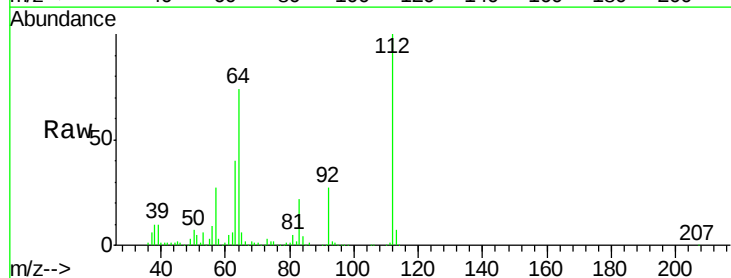
Tgt Ion:152 Resp: 133952
 Ion Ratio Lower Upper
 152 100
 150 160.5 125.8 188.6
 115 74.6 51.5 77.3

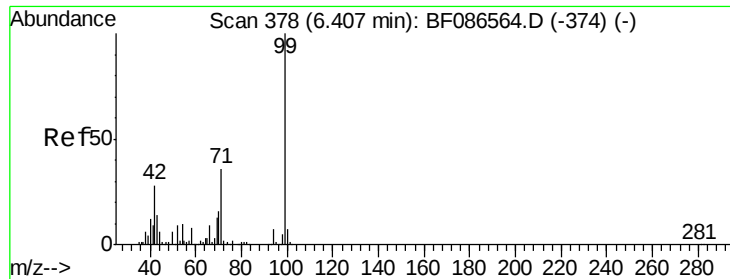


#5

2-Fluorophenol
 Concen: 123.91 ng
 RT: 5.37 min Scan# 287
 Delta R.T. -0.02 min
 Lab File: BF086577.D
 Acq: 1 May 2016 18:24

Tgt Ion:112 Resp: 962284
 Ion Ratio Lower Upper
 112 100
 64 74.0 52.1 78.1
 63 39.8 25.7 38.5#





#7

Phenol-d6

Concen: 109.18 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086577.D

Acq: 1 May 2016 18:24

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-3(0-6FTBGS)

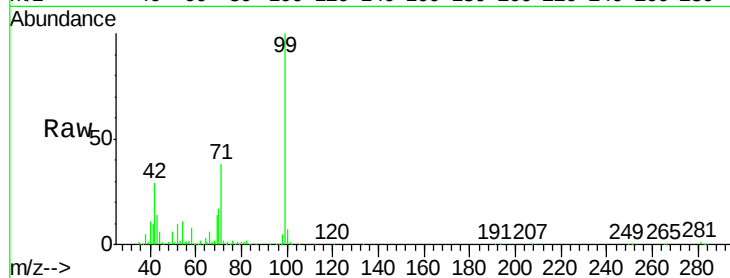
Tgt Ion: 99 Resp: 1183420

Ion Ratio Lower Upper

99 100

42 28.6 13.6 20.4#

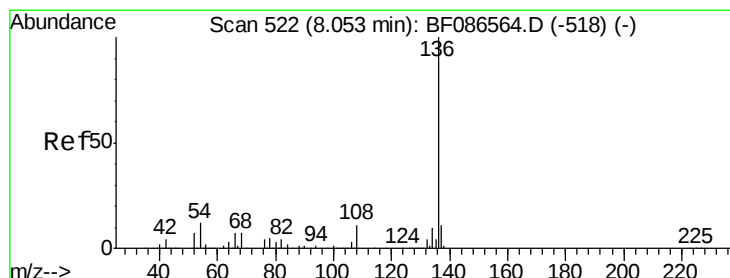
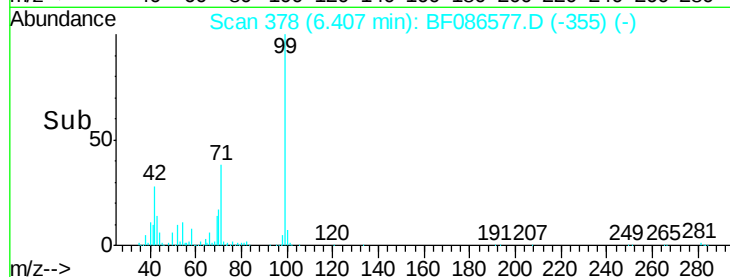
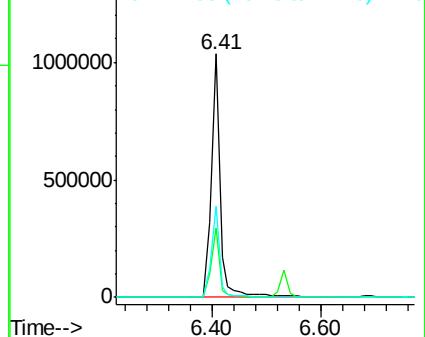
71 37.7 24.6 36.8#



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: BF086577.D

Acq: 1 May 2016 18:24

Tgt Ion: 136 Resp: 585305

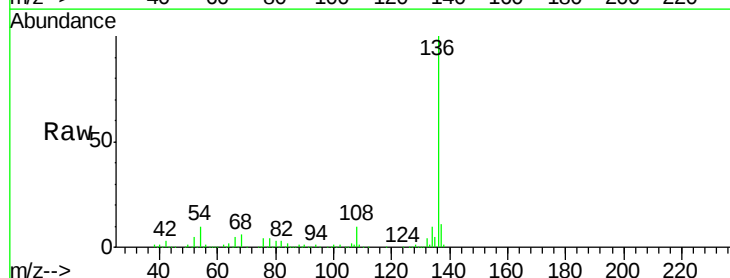
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 9.9 5.0 7.4#

68 6.2 4.4 6.6

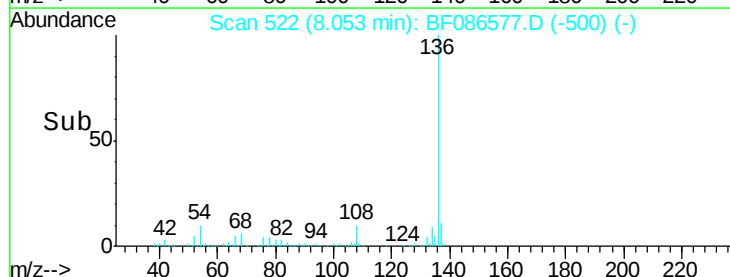
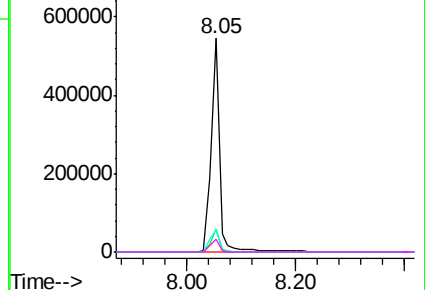


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.17 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.05 min

Lab File: BF086577.D

Acq: 1 May 2016 18:24

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-3(0-6FTBGS)

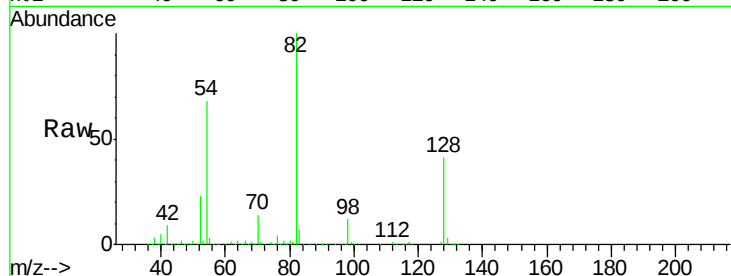
Tgt Ion: 82 Resp: 990025

Ion Ratio Lower Upper

82 100

128 41.2 40.6 61.0

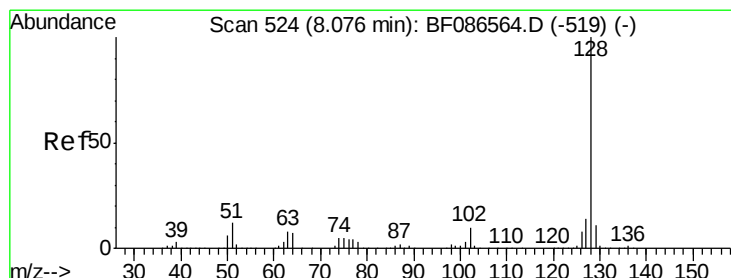
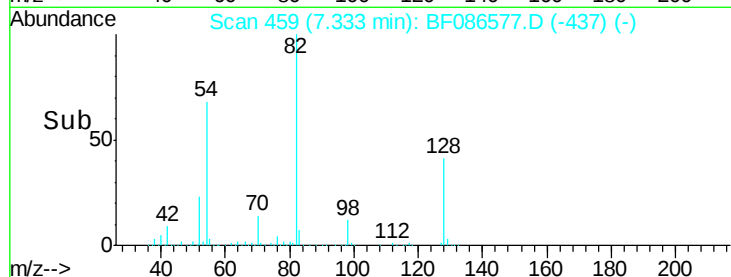
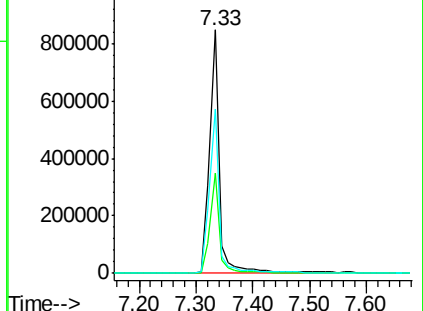
54 67.7 38.1 57.1#



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



#31

Naphthalene

Concen: 18.04 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF086577.D

Acq: 1 May 2016 18:24

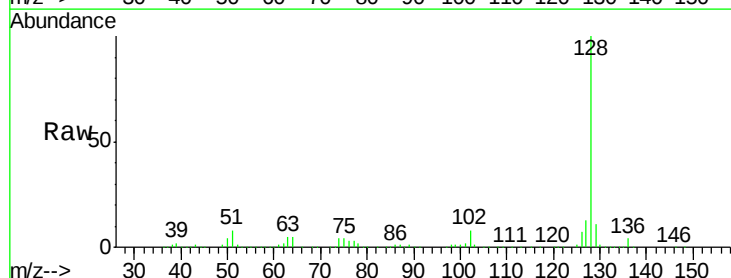
Tgt Ion: 128 Resp: 537429

Ion Ratio Lower Upper

128 100

129 10.6 8.6 13.0

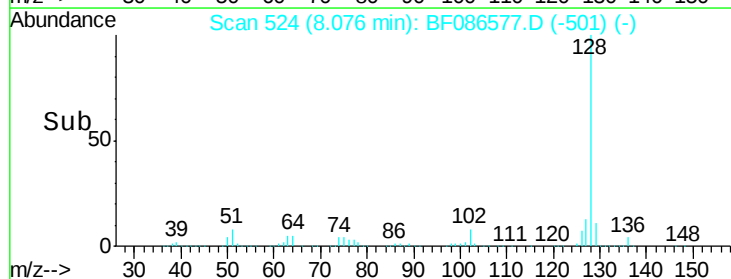
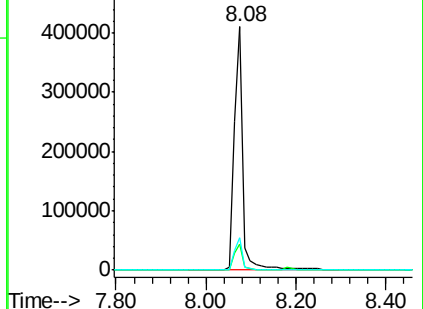
127 13.1 10.8 16.2

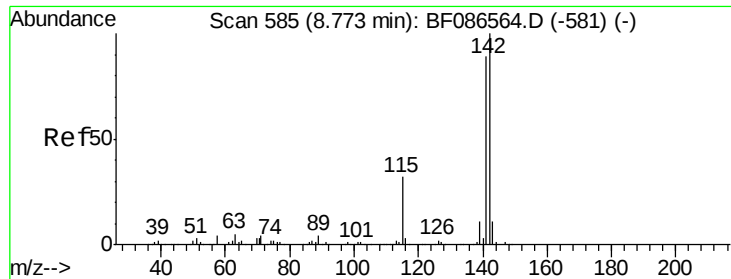


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

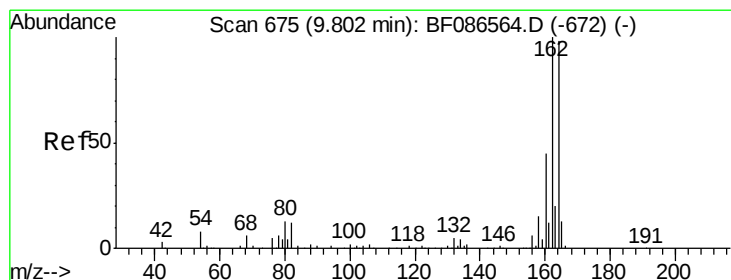
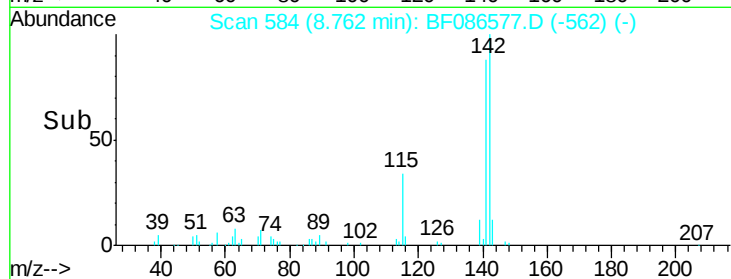
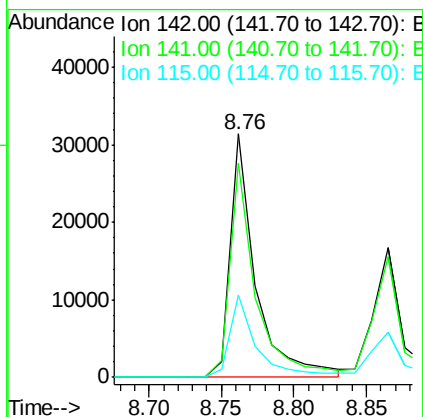
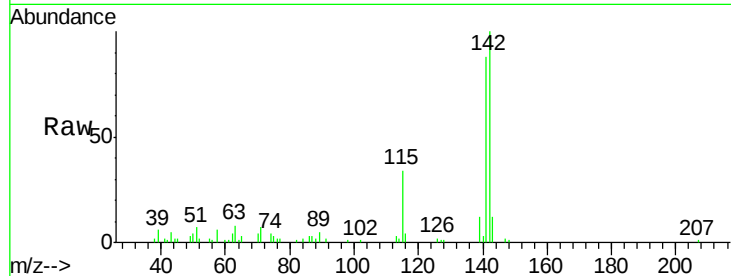




#37
2-Methylnaphthalene
Concen: 2.20 ng
RT: 8.76 min Scan# 584
Delta R.T. -0.05 min
Lab File: BF086577.D
Acq: 1 May 2016 18:24

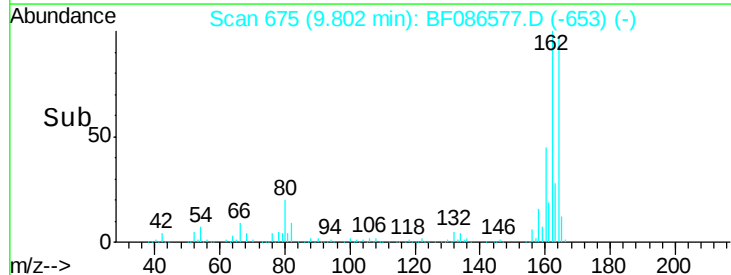
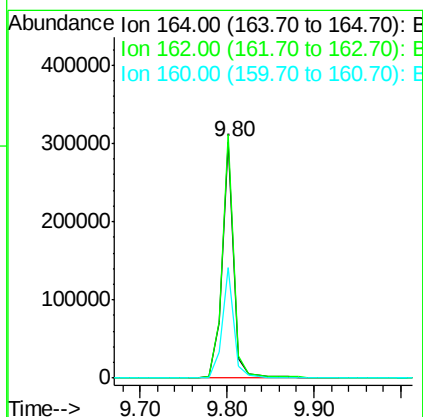
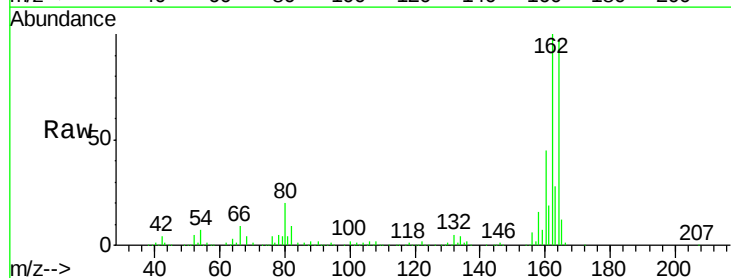
Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-3(0-6FTBGS)

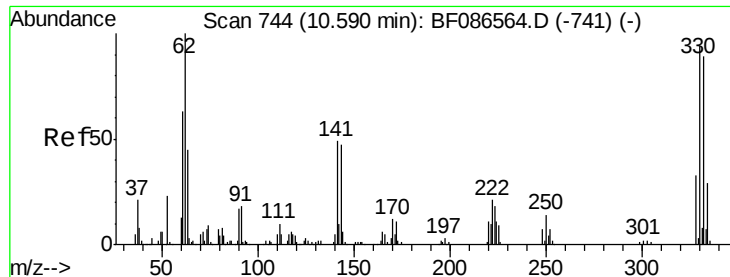
Tgt Ion:142 Resp: 38615
Ion Ratio Lower Upper
142 100
141 88.0 71.0 106.6
115 34.1 26.6 39.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.05 min
Lab File: BF086577.D
Acq: 1 May 2016 18:24

Tgt Ion:164 Resp: 287541
Ion Ratio Lower Upper
164 100
162 102.9 82.8 124.2
160 46.5 36.9 55.3

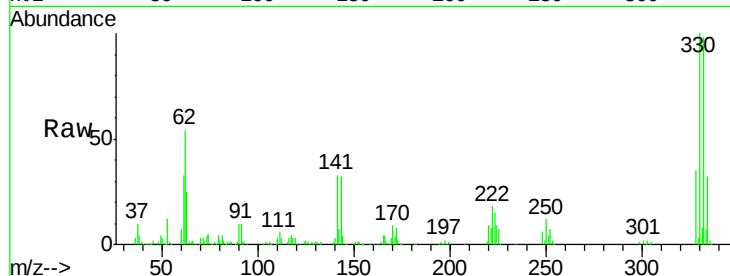




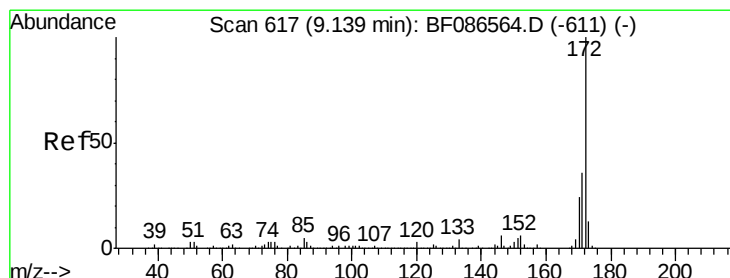
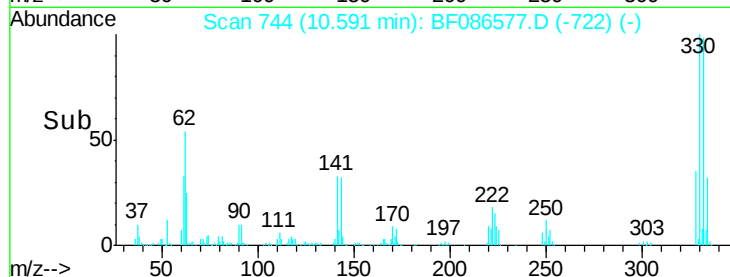
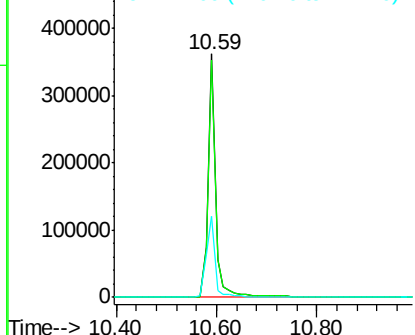
#41
 2,4,6-Tribromophenol
 Concen: 127.48 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.05 min
 Lab File: BF086577.D
 Acq: 1 May 2016 18:24

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-3(0-6FTBGS)

Tgt Ion:330 Resp: 386548
 Ion Ratio Lower Upper
 330 100
 332 96.3 79.0 118.4
 141 39.3 31.2 46.8

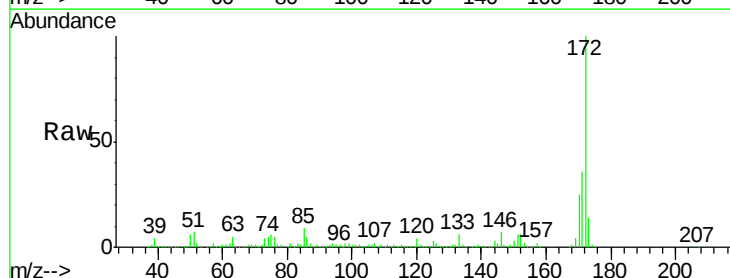


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

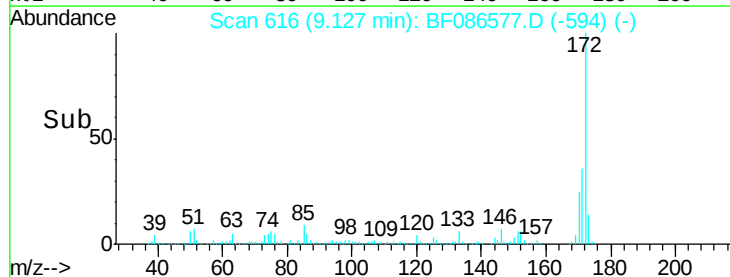
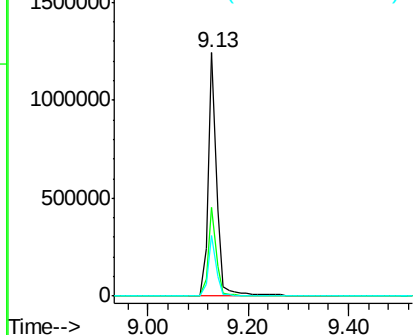


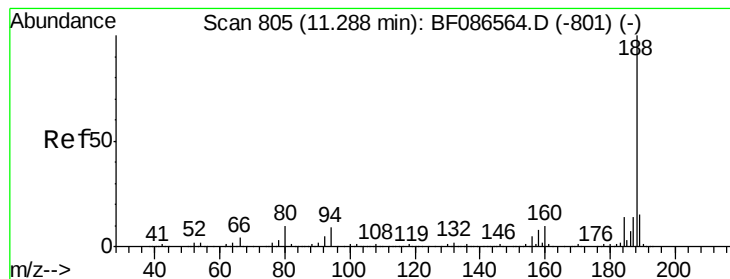
#44
 2-Fluorobiphenyl
 Concen: 90.01 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.05 min
 Lab File: BF086577.D
 Acq: 1 May 2016 18:24

Tgt Ion:172 Resp: 1460357
 Ion Ratio Lower Upper
 172 100
 171 36.5 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: BF086577.D

Acq: 1 May 2016 18:24

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-3(0-6FTBGS)

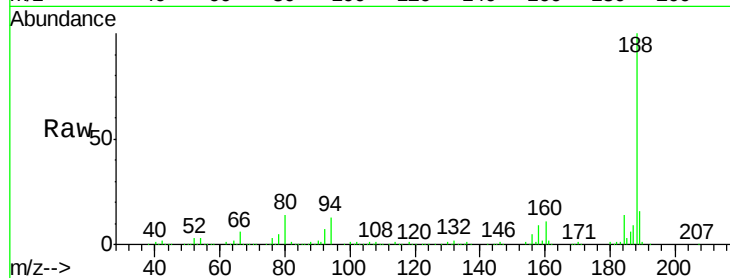
Tgt Ion:188 Resp: 537717

Ion Ratio Lower Upper

188 100

94 13.2 6.8 10.2#

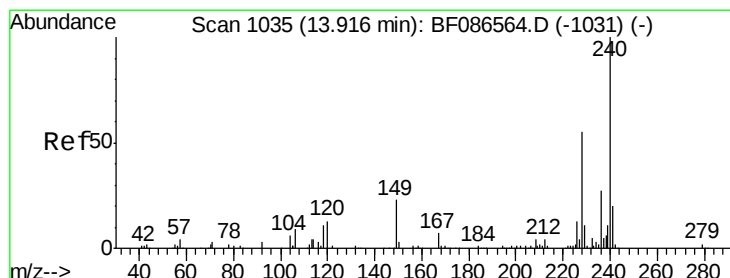
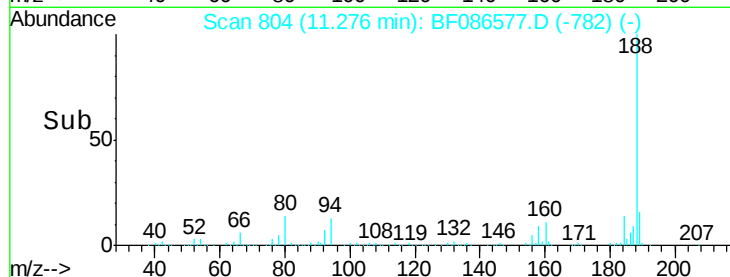
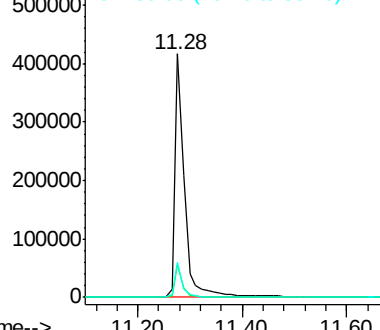
80 14.3 7.1 10.7#



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: BF086577.D

Acq: 1 May 2016 18:24

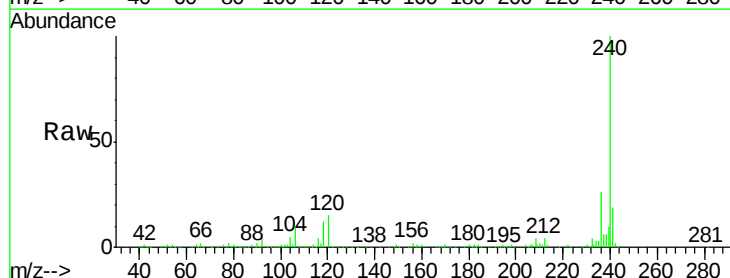
Tgt Ion:240 Resp: 382937

Ion Ratio Lower Upper

240 100

120 14.6 11.2 16.8

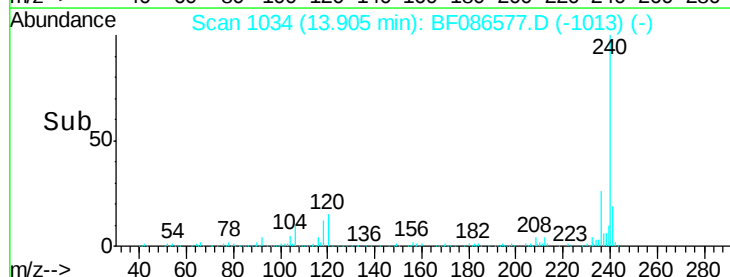
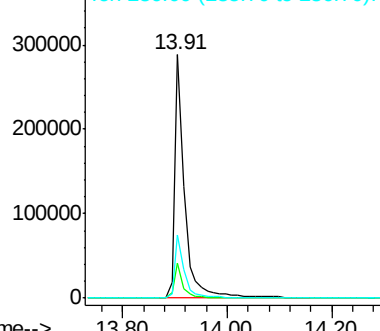
236 25.9 21.2 31.8

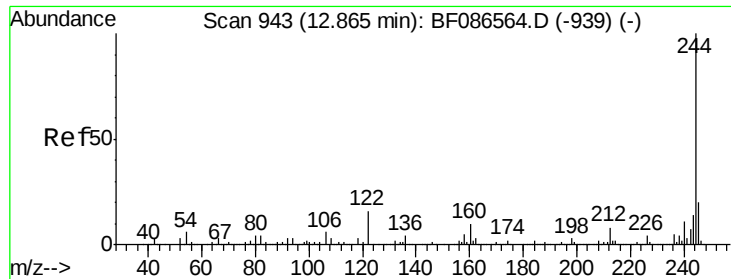


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

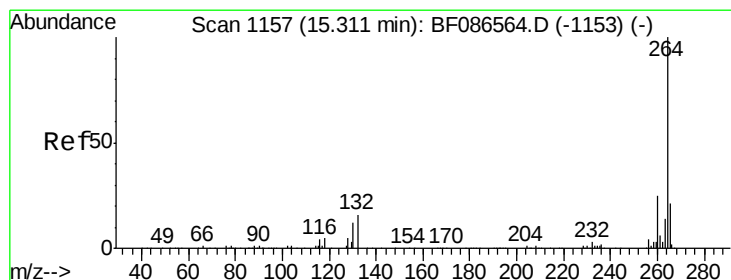
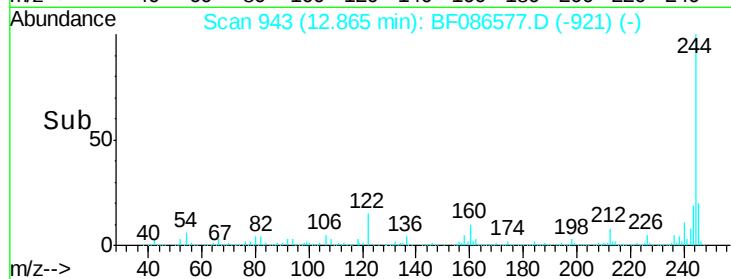
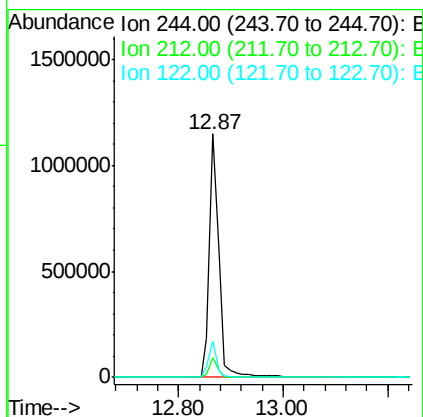
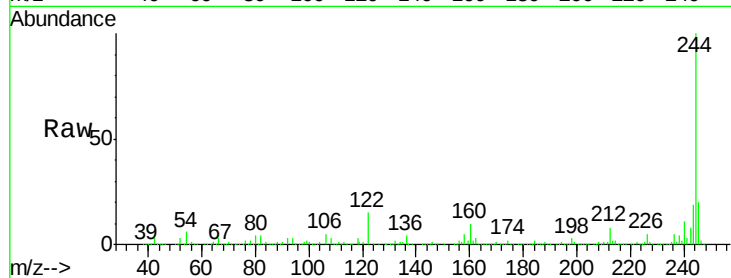




#78
 Terphenyl-d14
 Concen: 83.41 ng
 RT: 12.87 min Scan# 943
 Delta R.T. -0.05 min
 Lab File: BF086577.D
 Acq: 1 May 2016 18:24

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-3(0-6FTBGS)

Tgt Ion:244 Resp: 1449875
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 14.9 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: BF086577.D
 Acq: 1 May 2016 18:24

Tgt Ion:264 Resp: 263641
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.5 29.3
 265 21.0 17.3 25.9

