

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050116\
 Data File : BF086579.D
 Acq On : 1 May 2016 19:20
 Operator : UM/SJ
 Sample : H2683-15
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

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

Quant Time: May 02 04:29:14 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

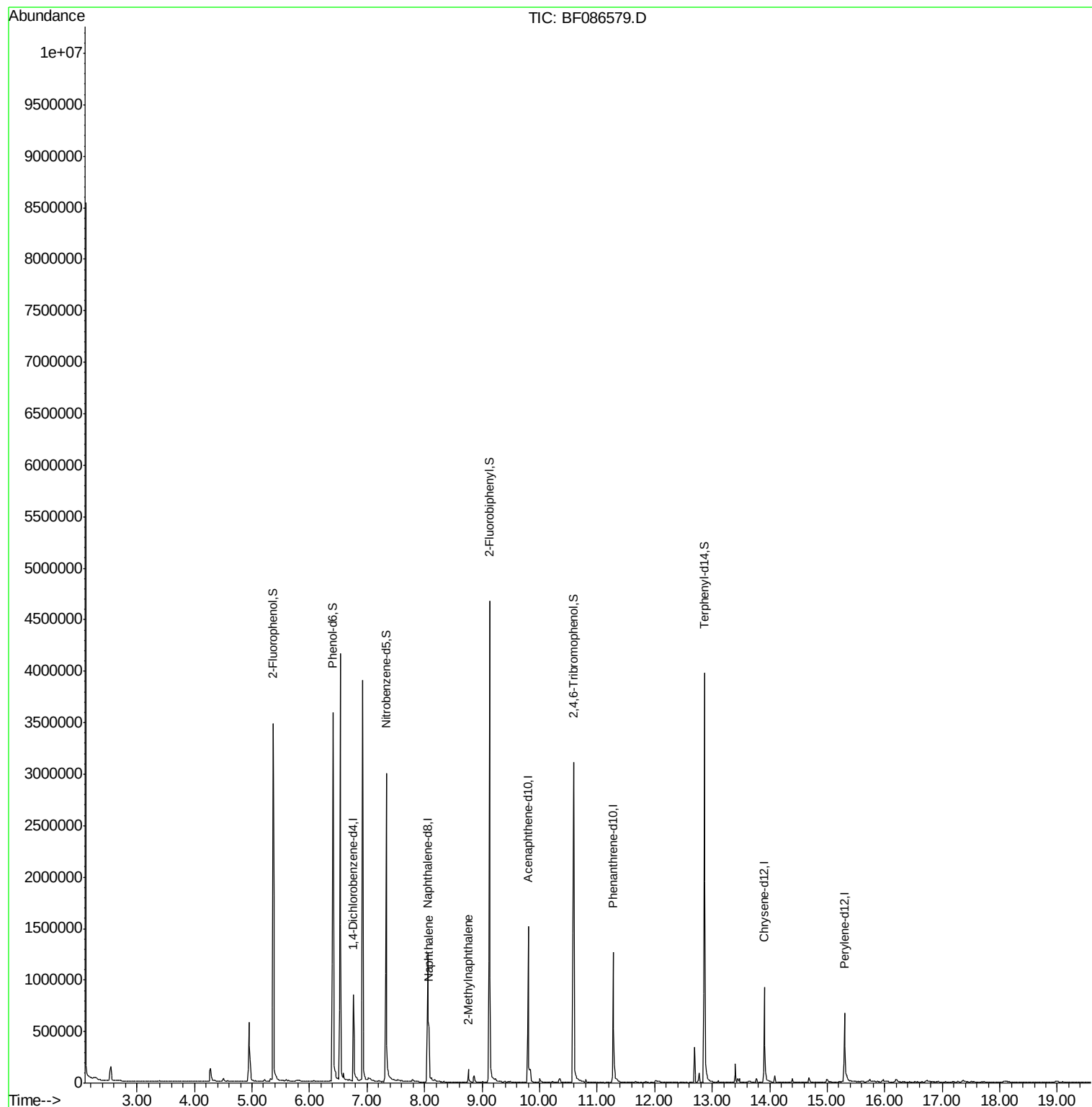
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	149740	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	655660	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	318874	20.00	ng	-0.05
63) Phenanthrene-d10	11.28	188	578167	20.00	ng	-0.05
75) Chrysene-d12	13.91	240	410031	20.00	ng	-0.06
86) Perylene-d12	15.30	264	362861	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1135534	130.80	ng	-0.02
7) Phenol-d6	6.41	99	1348347	111.28	ng	-0.03
23) Nitrobenzene-d5	7.33	82	1078751	88.68	ng	-0.05
41) 2,4,6-Tribromophenol	10.59	330	426046	126.70	ng	-0.05
44) 2-Fluorobiphenyl	9.13	172	1598664	88.52	ng	-0.05
78) Terphenyl-d14	12.87	244	1611432	86.58	ng	-0.05
Target Compounds						Qvalue
31) Naphthalene	8.08	128	384621	11.53	ng	99
37) 2-Methylnaphthalene	8.76	142	42714	2.17	ng	98

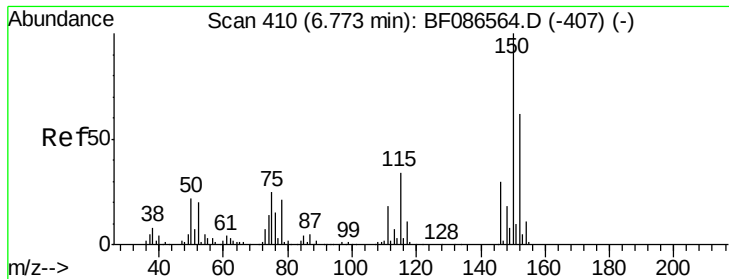
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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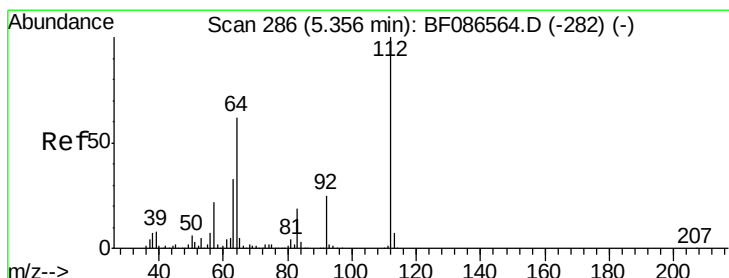
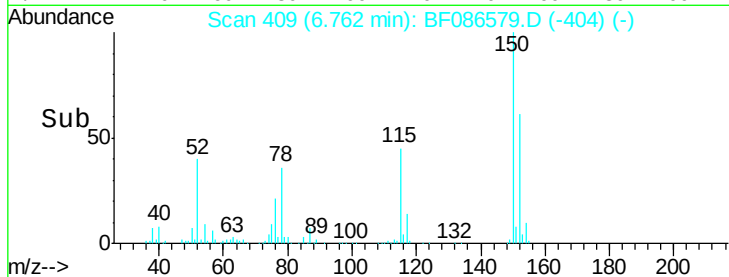
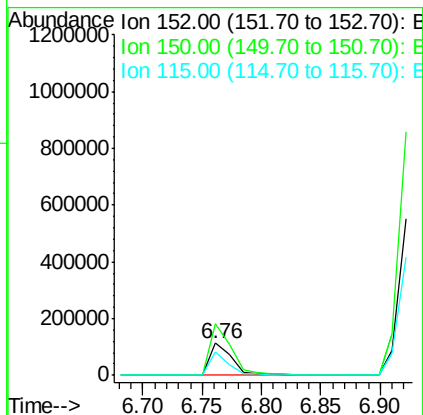
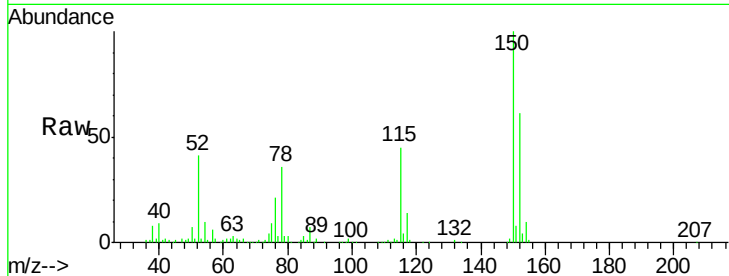


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.05 min
 Lab File: BF086579.D
 Acq: 1 May 2016 19:20

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

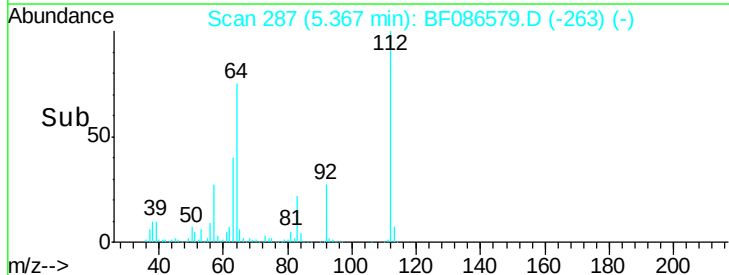
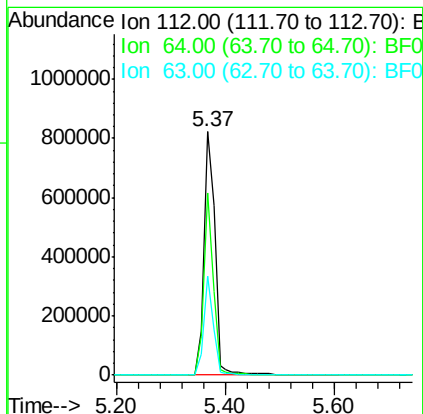
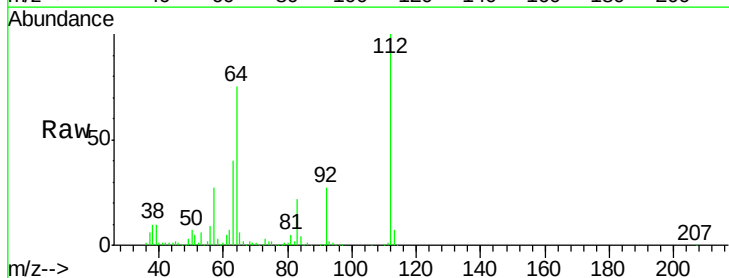
Tgt Ion:152 Resp: 149740
 Ion Ratio Lower Upper
 152 100
 150 162.9 125.8 188.6
 115 72.9 51.5 77.3

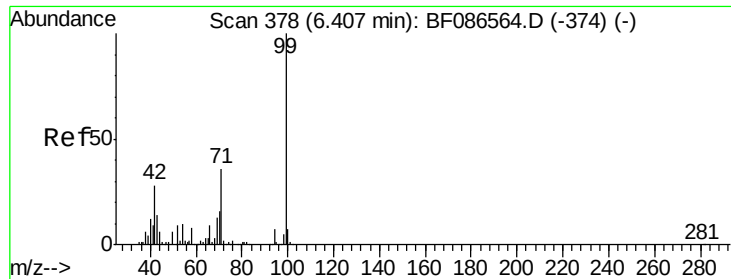


#5

2-Fluorophenol
 Concen: 130.80 ng
 RT: 5.37 min Scan# 287
 Delta R.T. -0.02 min
 Lab File: BF086579.D
 Acq: 1 May 2016 19:20

Tgt Ion:112 Resp: 1135534
 Ion Ratio Lower Upper
 112 100
 64 74.6 52.1 78.1
 63 40.5 25.7 38.5#





#7

Phenol-d6

Concen: 111.28 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086579.D

Acq: 1 May 2016 19:20

Instrument :

BNA_F

ClientSampleId :

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

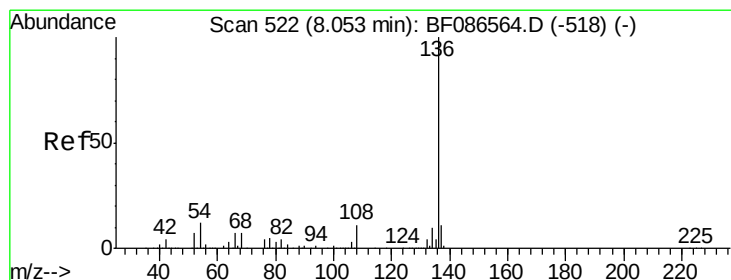
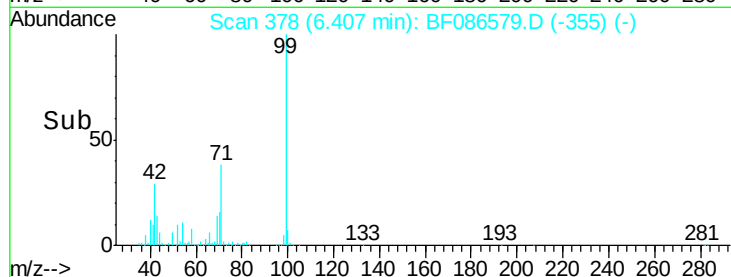
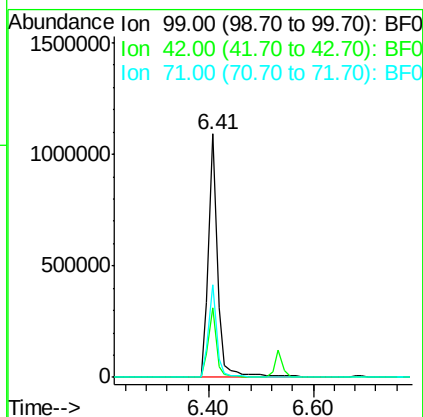
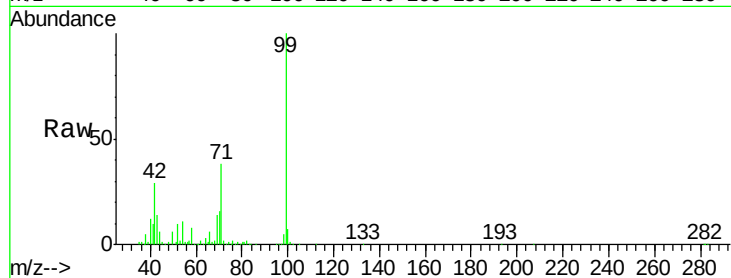
Tgt Ion: 99 Resp: 1348347

Ion Ratio Lower Upper

99 100

42 28.7 13.6 20.4#

71 38.1 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.05 min

Lab File: BF086579.D

Acq: 1 May 2016 19:20

Tgt Ion: 136 Resp: 655660

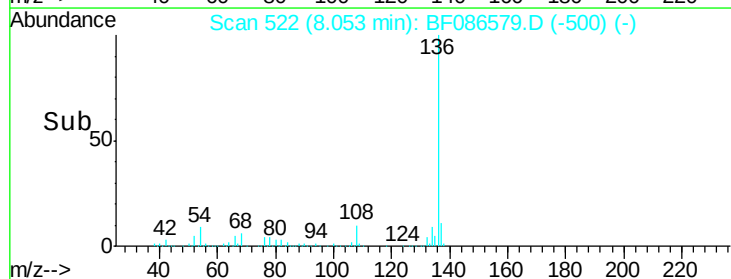
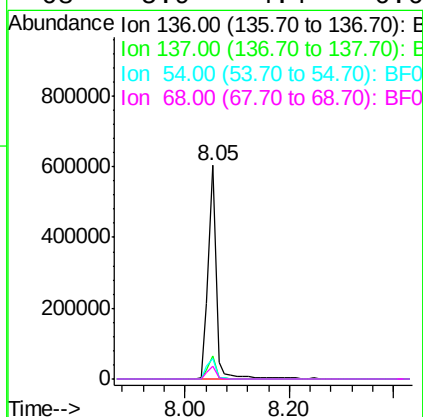
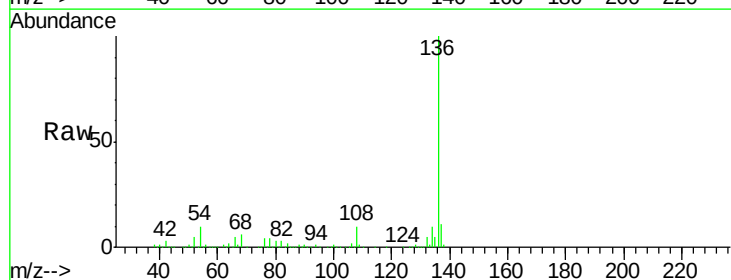
Ion Ratio Lower Upper

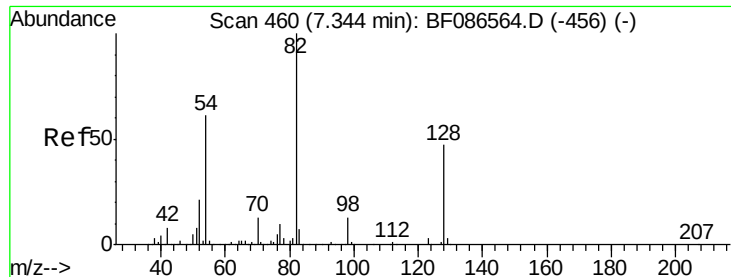
136 100

137 10.5 8.8 13.2

54 9.6 5.0 7.4#

68 5.9 4.4 6.6

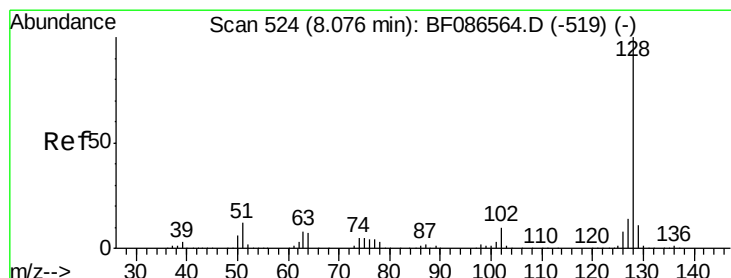
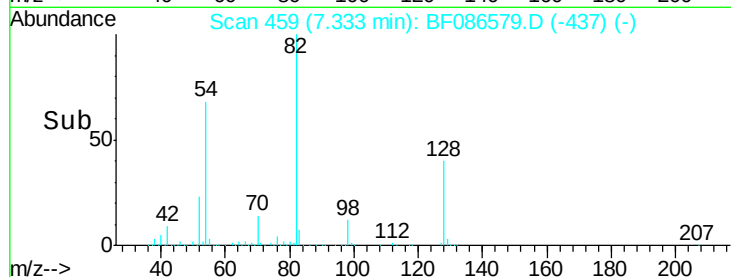
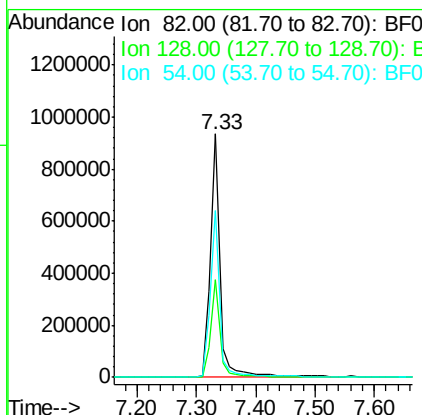
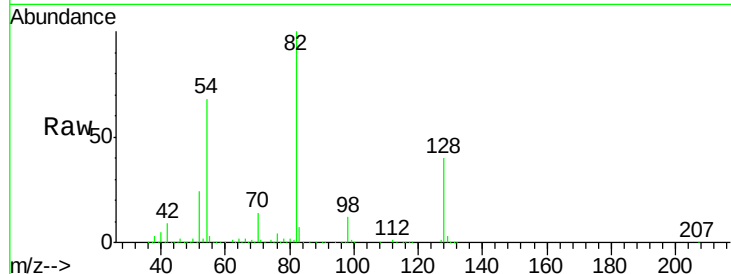




#23
 Nitrobenzene-d5
 Concen: 88.68 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.05 min
 Lab File: BF086579.D
 Acq: 1 May 2016 19:20

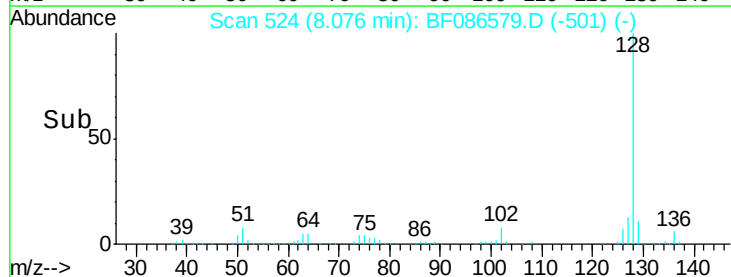
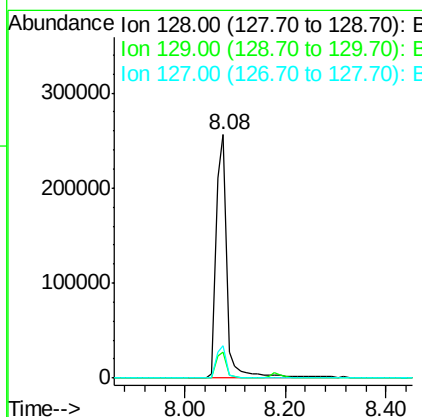
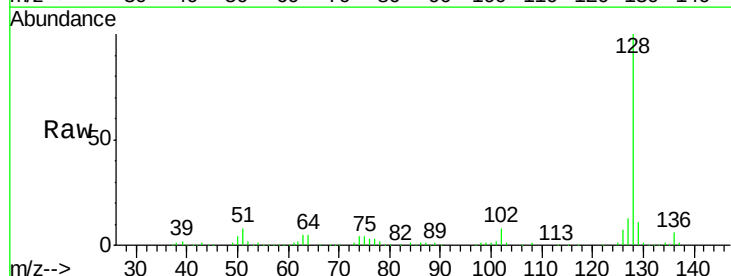
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-4(0-6FTBGS)

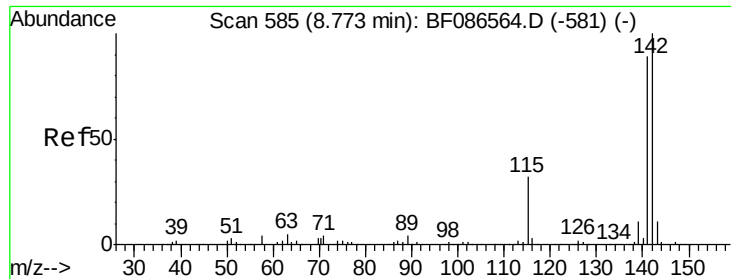
Tgt Ion: 82 Resp: 1078751
 Ion Ratio Lower Upper
 82 100
 128 40.3 40.6 61.0#
 54 68.3 38.1 57.1#



#31
 Naphthalene
 Concen: 11.53 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.03 min
 Lab File: BF086579.D
 Acq: 1 May 2016 19:20

Tgt Ion: 128 Resp: 384621
 Ion Ratio Lower Upper
 128 100
 129 10.6 8.6 13.0
 127 13.1 10.8 16.2

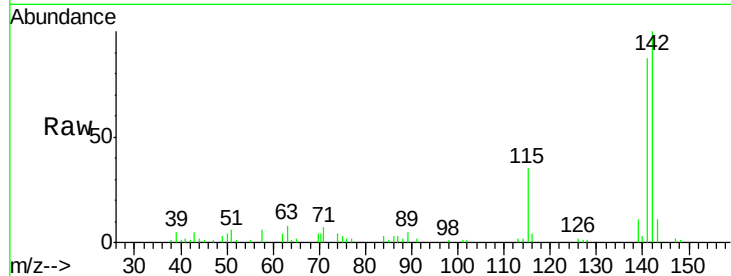




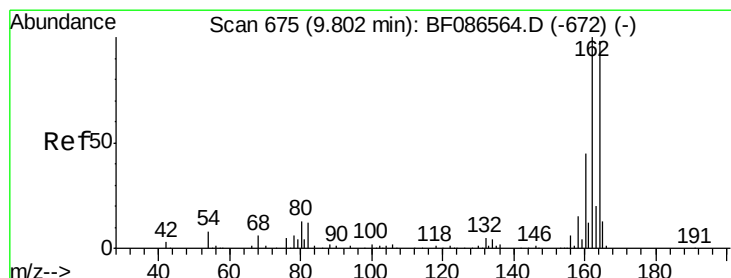
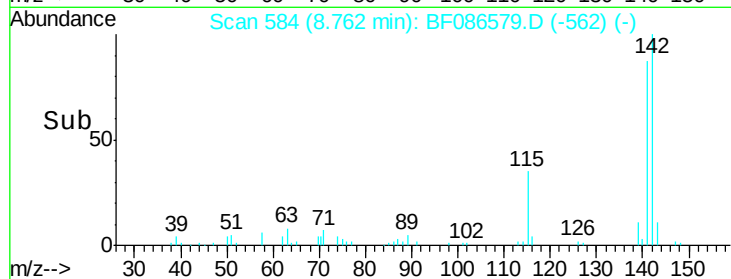
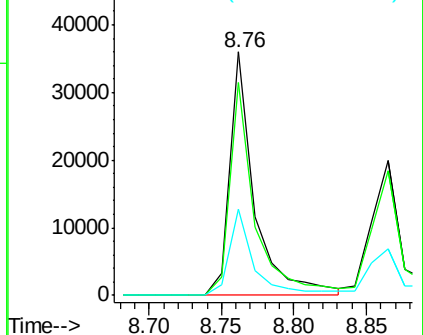
#37
 2-Methylnaphthalene
 Concen: 2.17 ng
 RT: 8.76 min Scan# 584
 Delta R.T. -0.05 min
 Lab File: BF086579.D
 Acq: 1 May 2016 19:20

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

Tgt Ion:142 Resp: 42714
 Ion Ratio Lower Upper
 142 100
 141 87.3 71.0 106.6
 115 35.3 26.6 39.8

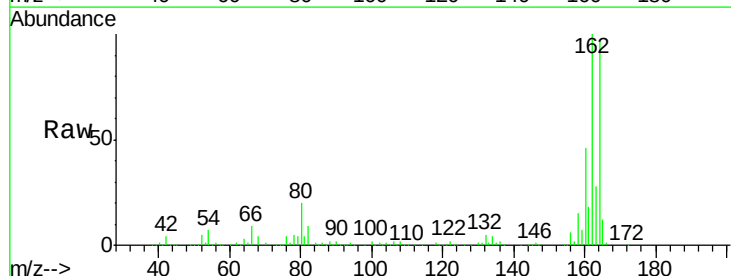


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

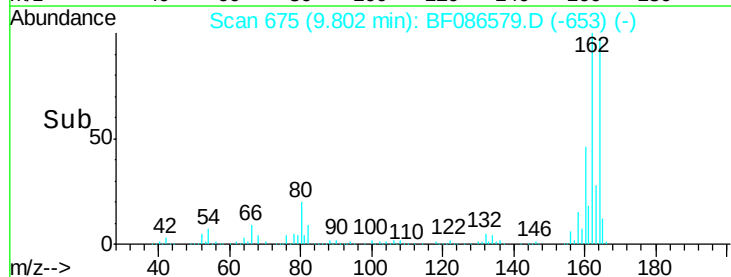
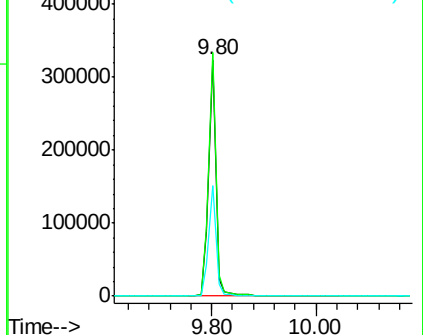


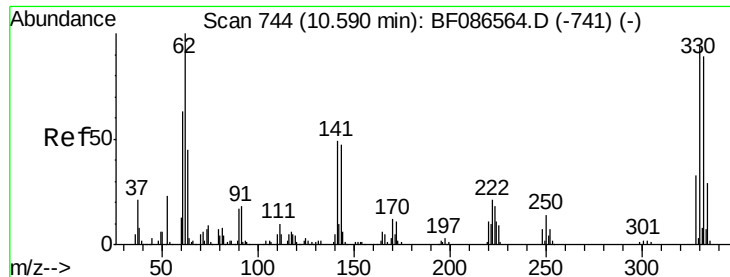
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.05 min
 Lab File: BF086579.D
 Acq: 1 May 2016 19:20

Tgt Ion:164 Resp: 318874
 Ion Ratio Lower Upper
 164 100
 162 102.9 82.8 124.2
 160 47.0 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

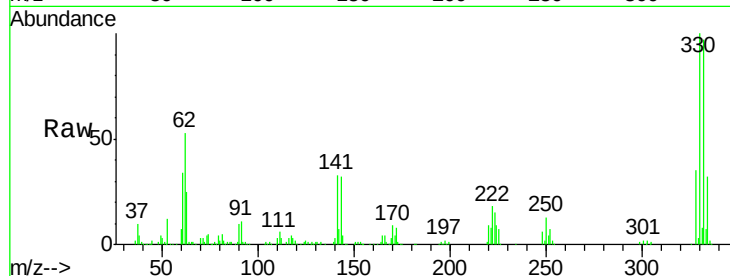




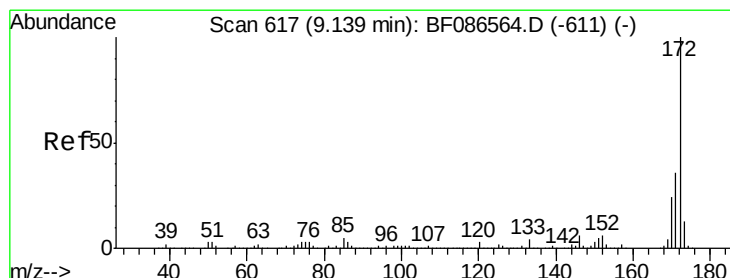
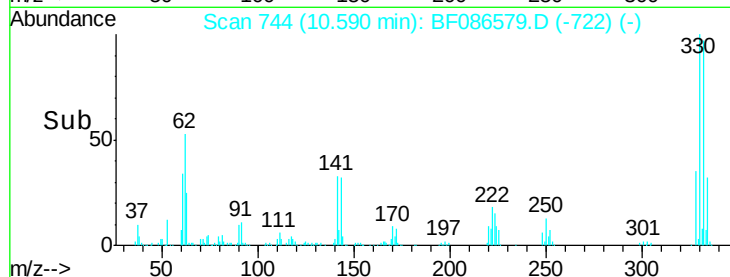
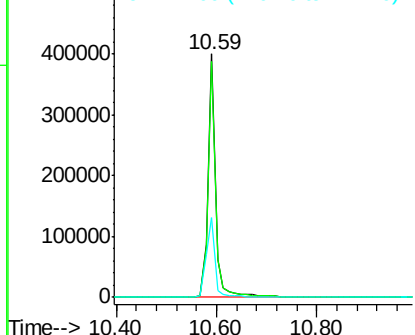
#41
 2,4,6-Tribromophenol
 Concen: 126.70 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.05 min
 Lab File: BF086579.D
 Acq: 1 May 2016 19:20

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

Tgt Ion:330 Resp: 426046
 Ion Ratio Lower Upper
 330 100
 332 96.1 79.0 118.4
 141 38.3 31.2 46.8

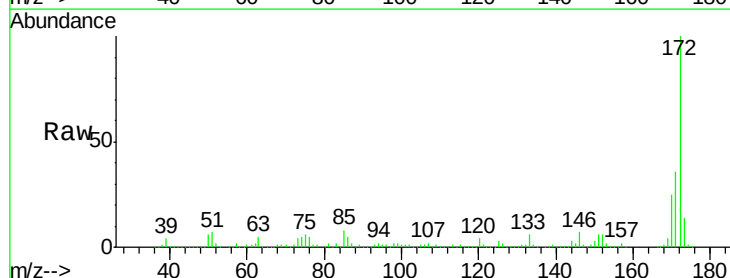


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

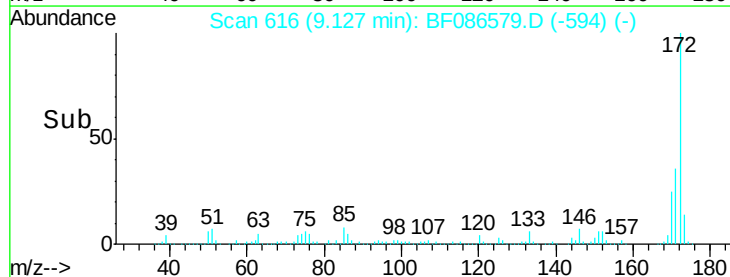
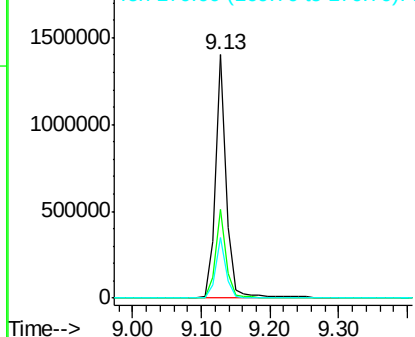


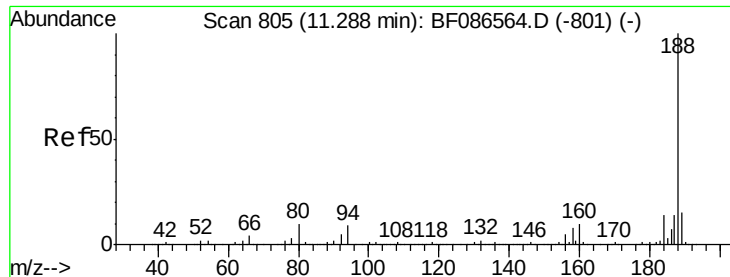
#44
 2-Fluorobiphenyl
 Concen: 88.52 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.05 min
 Lab File: BF086579.D
 Acq: 1 May 2016 19:20

Tgt Ion:172 Resp: 1598664
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.6
 170 24.9 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

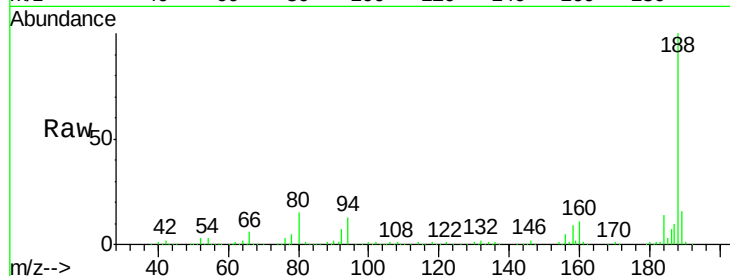




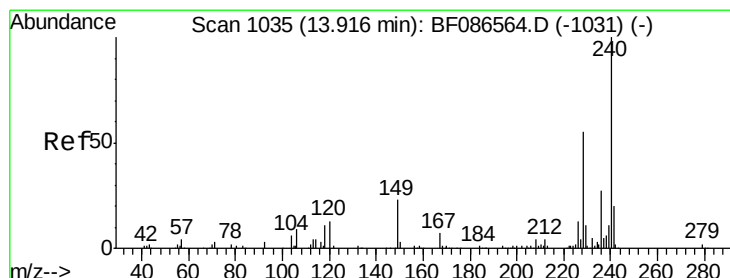
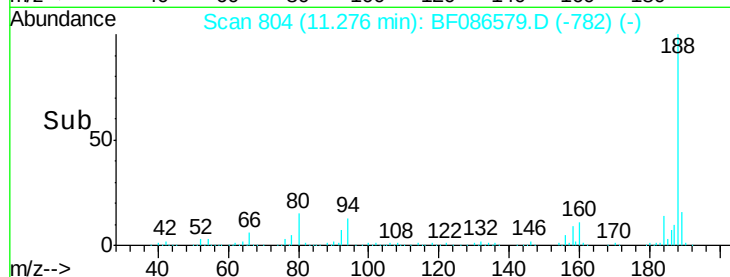
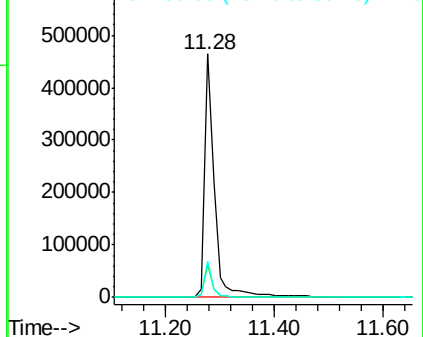
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.05 min
Lab File: BF086579.D
Acq: 1 May 2016 19:20

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

Tgt Ion:188 Resp: 578167
Ion Ratio Lower Upper
188 100
94 13.5 6.8 10.2#
80 14.8 7.1 10.7#

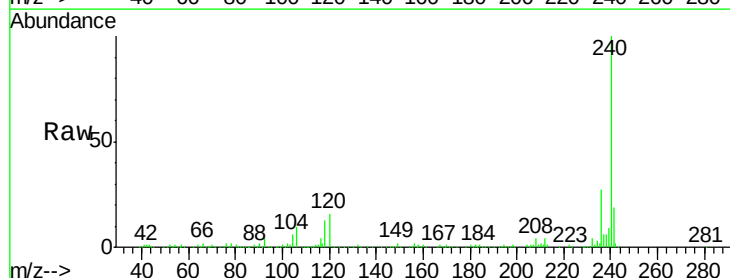


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

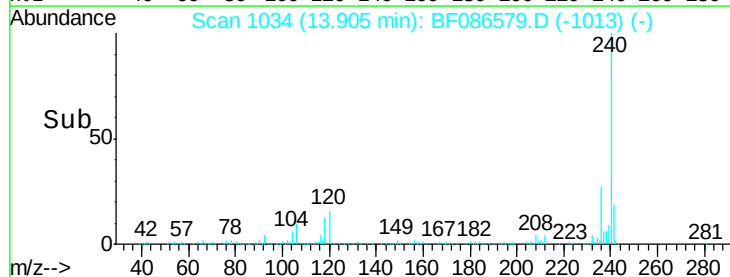
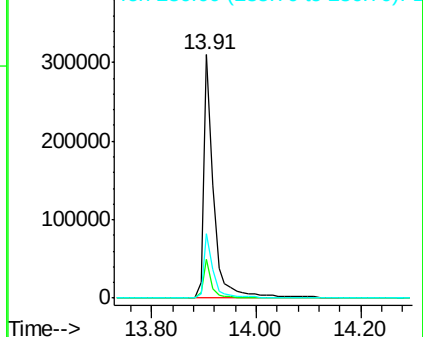


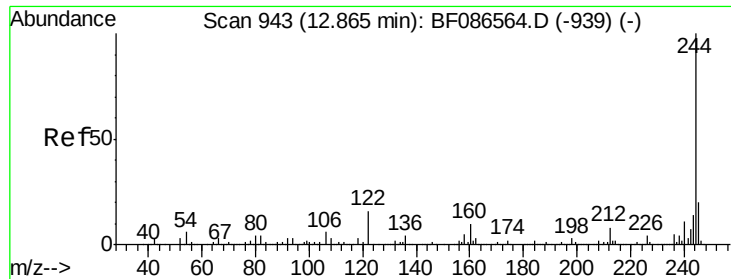
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.06 min
Lab File: BF086579.D
Acq: 1 May 2016 19:20

Tgt Ion:240 Resp: 410031
Ion Ratio Lower Upper
240 100
120 15.8 11.2 16.8
236 26.6 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

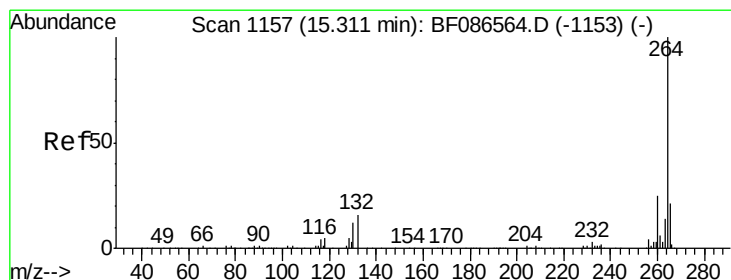
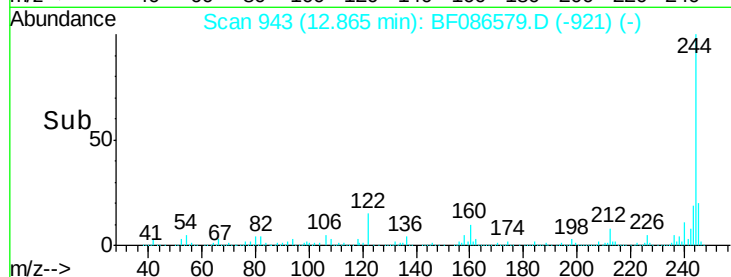
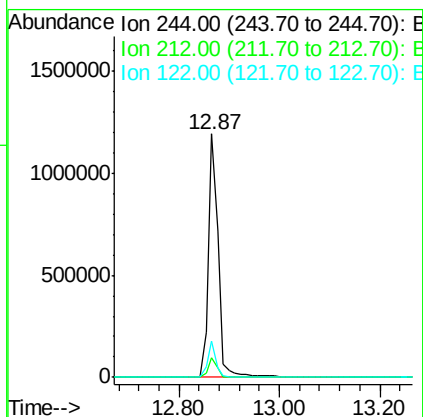
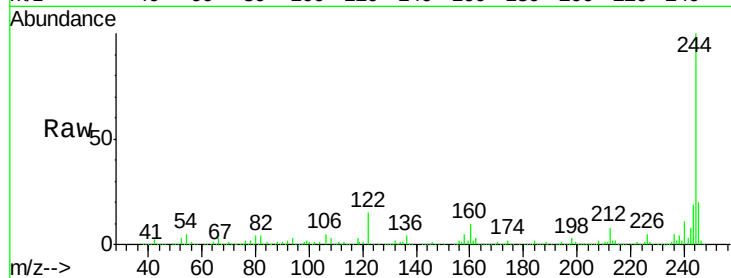




#78
 Terphenyl-d14
 Concen: 86.58 ng
 RT: 12.87 min Scan# 943
 Delta R.T. -0.05 min
 Lab File: BF086579.D
 Acq: 1 May 2016 19:20

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

Tgt Ion:244 Resp: 1611432
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 14.8 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: BF086579.D
 Acq: 1 May 2016 19:20

Tgt Ion:264 Resp: 362861
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 21.6 17.3 25.9

