

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050116\
 Data File : BF086576.D
 Acq On : 1 May 2016 17:56
 Operator : UM/SJ
 Sample : H2683-12
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-15(6-12FTBGS)

Quant Time: May 02 04:23:30 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

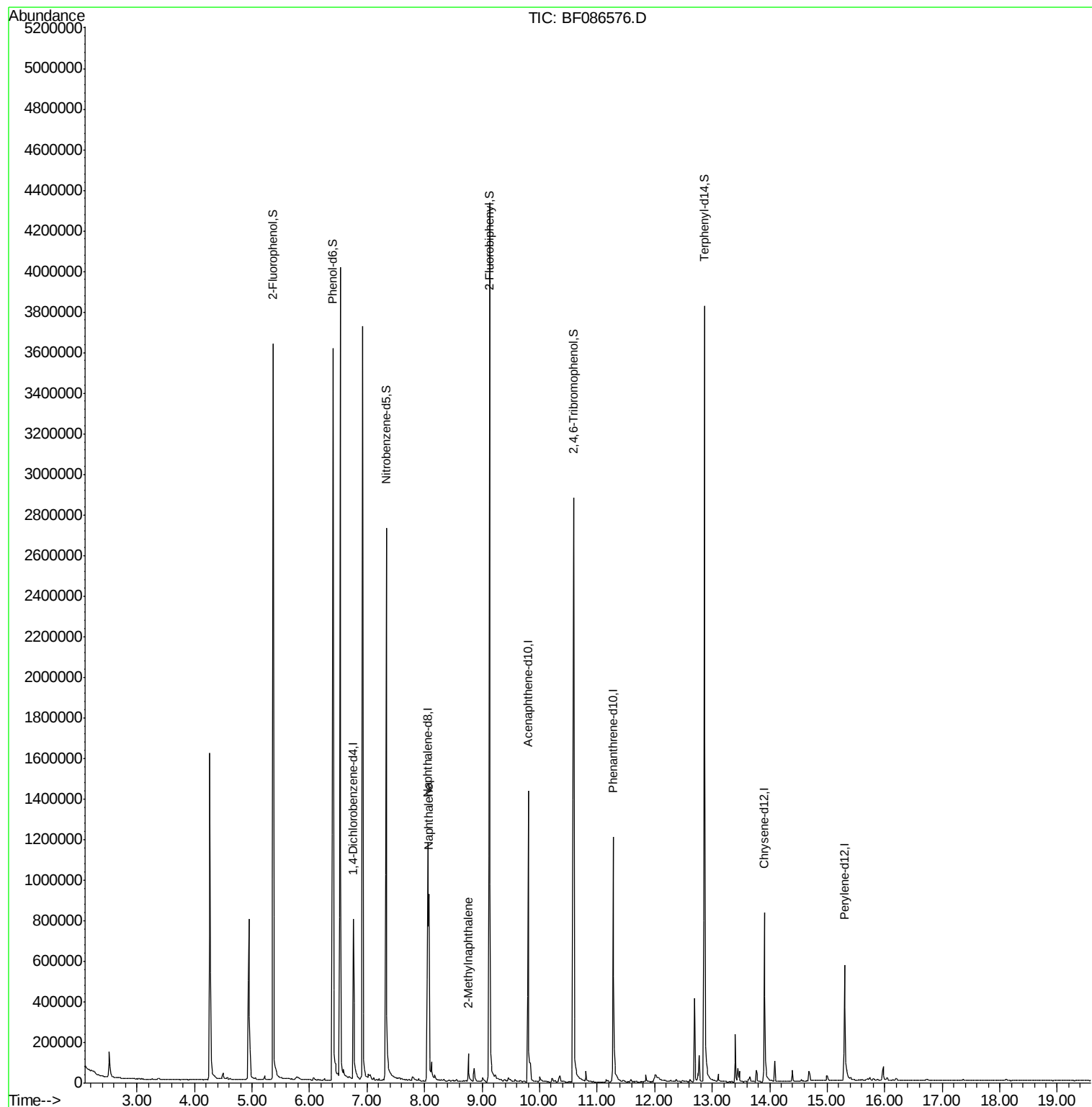
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	141237	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	615212	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	298568	20.00	ng	-0.05
63) Phenanthrene-d10	11.28	188	561602	20.00	ng	-0.05
75) Chrysene-d12	13.91	240	392920	20.00	ng	-0.06
86) Perylene-d12	15.30	264	332065	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	997316	121.80	ng	-0.02
7) Phenol-d6	6.41	99	1258511	110.12	ng	-0.03
23) Nitrobenzene-d5	7.33	82	1007324	88.26	ng	-0.05
41) 2,4,6-Tribromophenol	10.59	330	396484	125.92	ng	-0.05
44) 2-Fluorobiphenyl	9.13	172	1507418	89.32	ng	-0.05
78) Terphenyl-d14	12.87	244	1509082	84.61	ng	-0.05
Target Compounds						
31) Naphthalene	8.08	128	584247	18.66	ng	99
37) 2-Methylnaphthalene	8.76	142	47538	2.57	ng	97

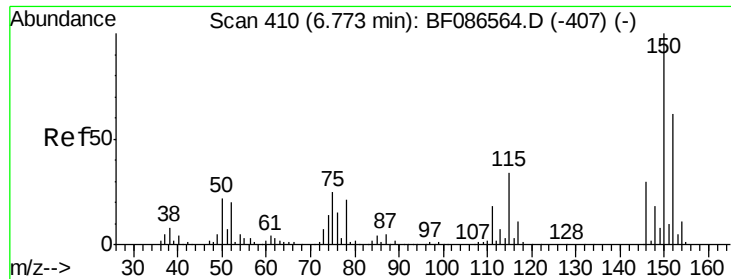
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 27 14:20:52 2016
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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: BF086576.D

Acq: 1 May 2016 17:56

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-15(6-12FTBGS)

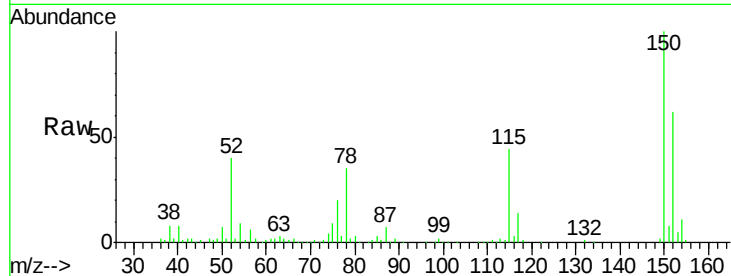
Tgt Ion:152 Resp: 141237

Ion Ratio Lower Upper

152 100

150 160.7 125.8 188.6

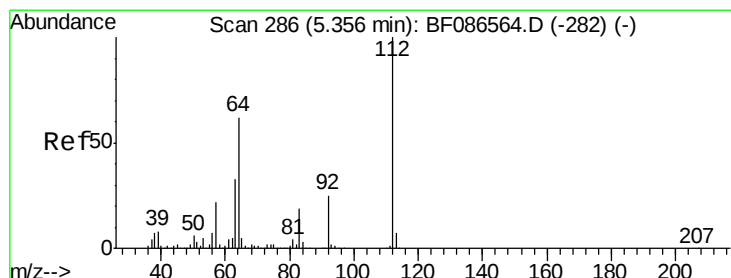
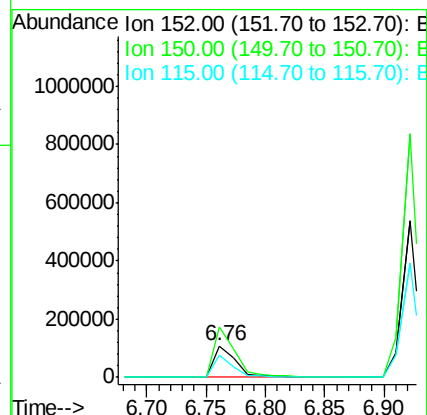
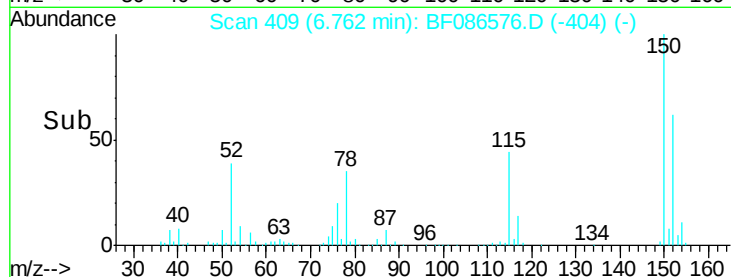
115 71.0 51.5 77.3



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: 121.80 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.02 min

Lab File: BF086576.D

Acq: 1 May 2016 17:56

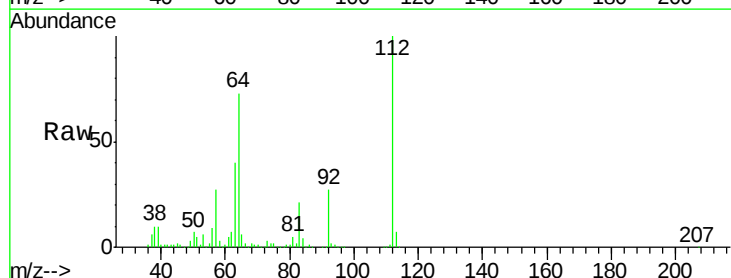
Tgt Ion:112 Resp: 997316

Ion Ratio Lower Upper

112 100

64 73.5 52.1 78.1

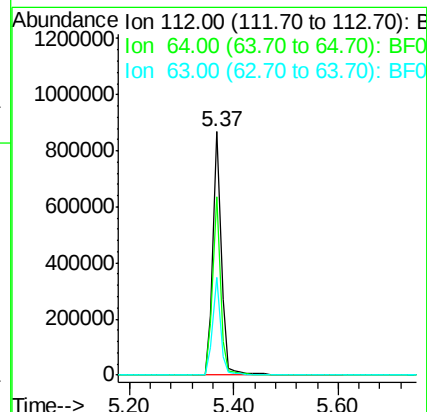
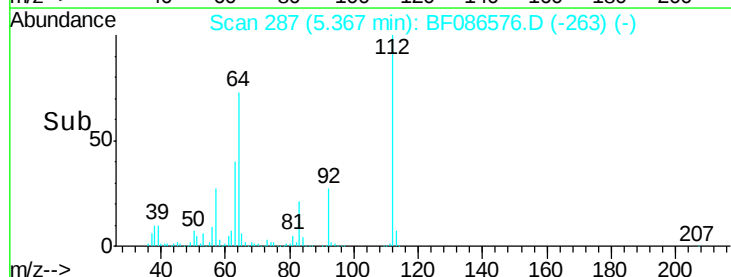
63 40.2 25.7 38.5#

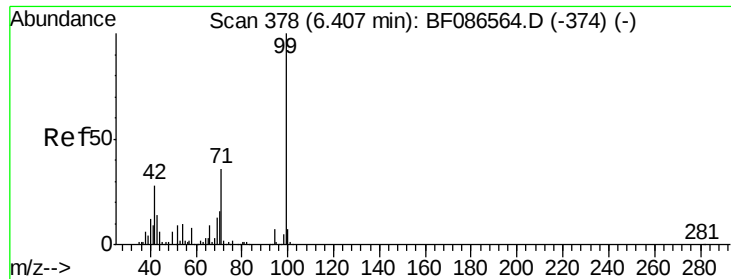


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.12 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086576.D

Acq: 1 May 2016 17:56

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-15(6-12FTBGS)

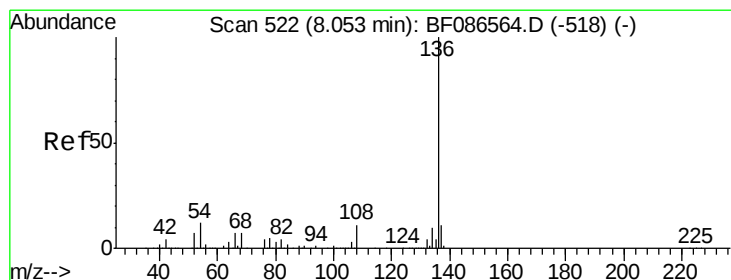
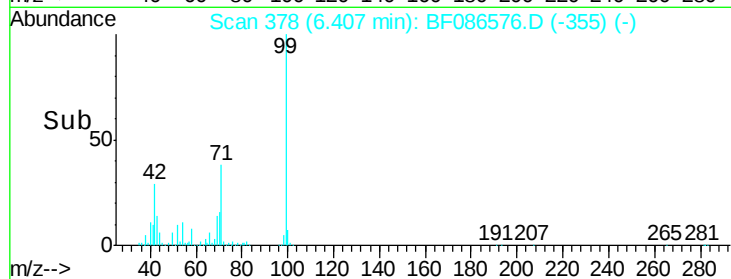
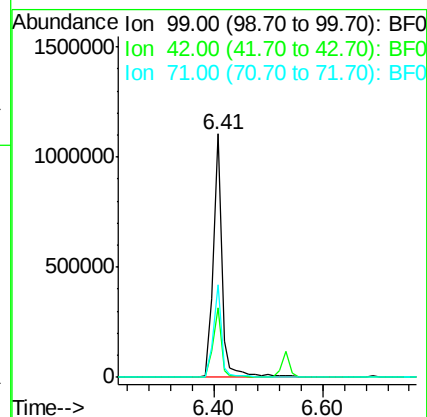
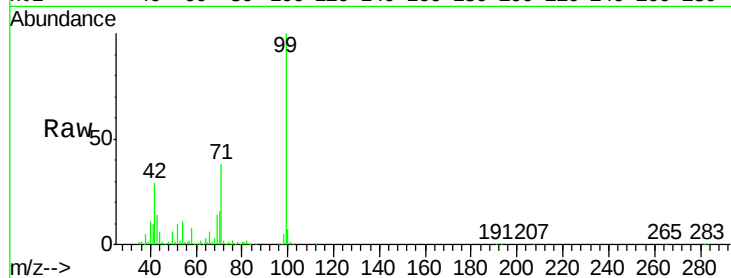
Tgt Ion: 99 Resp: 1258511

Ion Ratio Lower Upper

99 100

42 28.6 13.6 20.4#

71 37.9 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: BF086576.D

Acq: 1 May 2016 17:56

Tgt Ion: 136 Resp: 615212

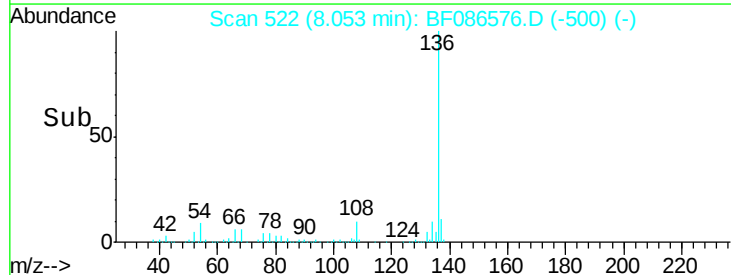
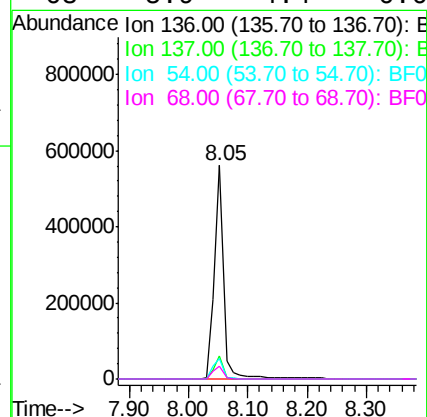
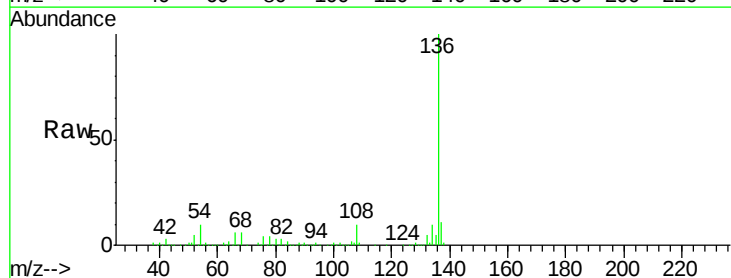
Ion Ratio Lower Upper

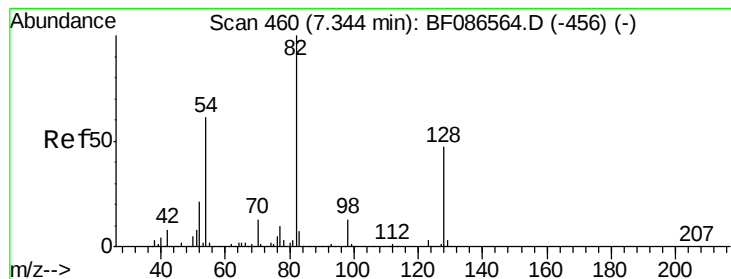
136 100

137 11.0 8.8 13.2

54 9.5 5.0 7.4#

68 5.9 4.4 6.6





#23

Nitrobenzene-d5

Concen: 88.26 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.05 min

Lab File: BF086576.D

Acq: 1 May 2016 17:56

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-15(6-12FTBGS)

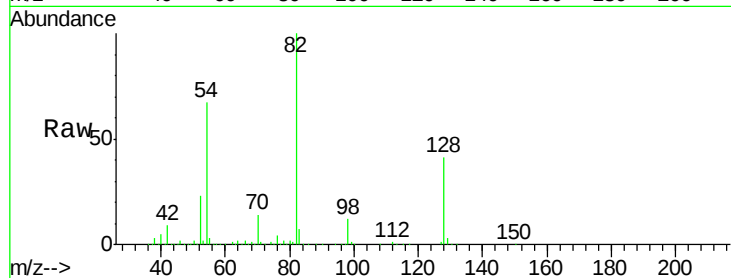
Tgt Ion: 82 Resp: 1007324

Ion Ratio Lower Upper

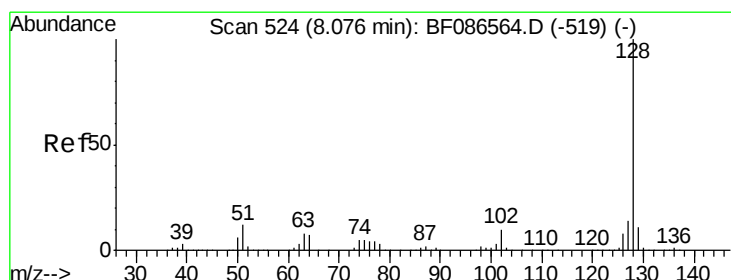
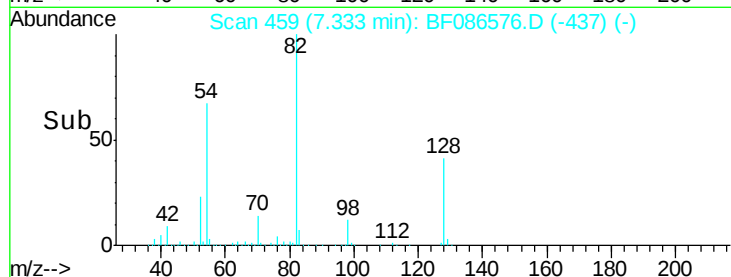
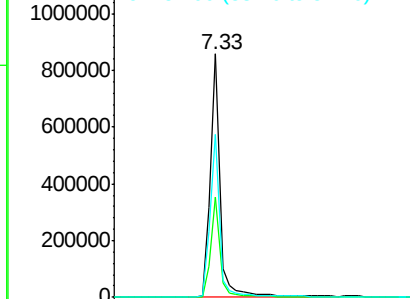
82 100

128 41.1 40.6 61.0

54 66.8 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: 18.66 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF086576.D

Acq: 1 May 2016 17:56

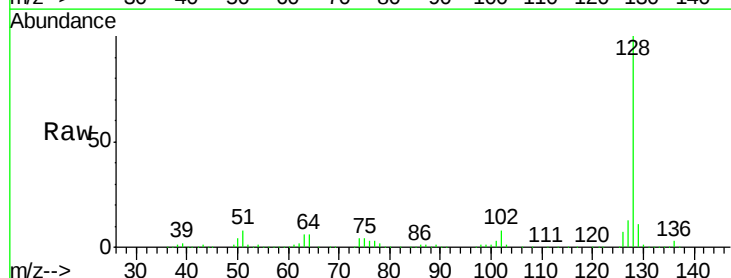
Tgt Ion: 128 Resp: 584247

Ion Ratio Lower Upper

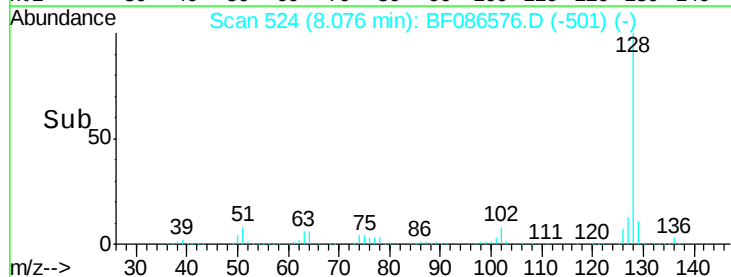
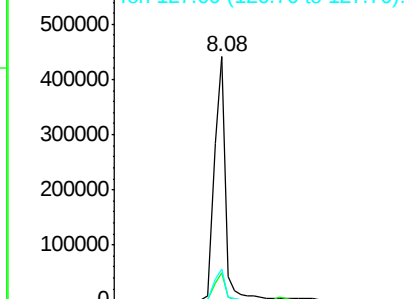
128 100

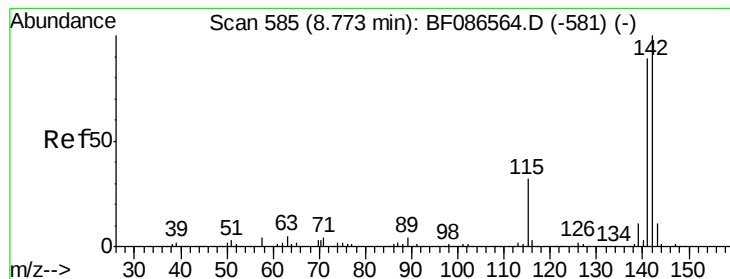
129 11.0 8.6 13.0

127 13.0 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: 2.57 ng

RT: 8.76 min Scan# 584

Delta R.T. -0.05 min

Lab File: BF086576.D

Acq: 1 May 2016 17:56

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-15(6-12FTBGS)

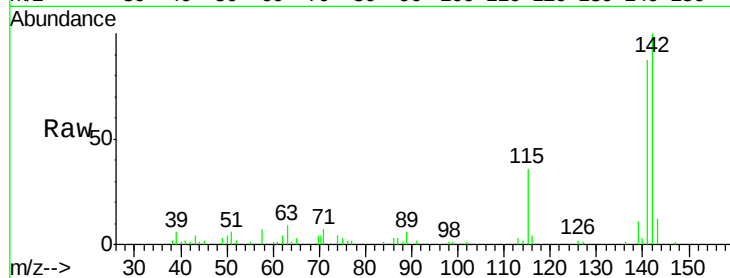
Tgt Ion:142 Resp: 47538

Ion Ratio Lower Upper

142 100

141 86.6 71.0 106.6

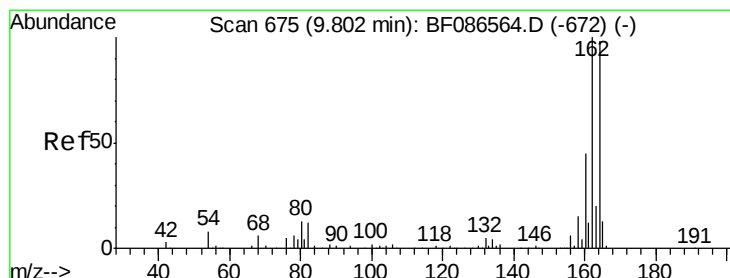
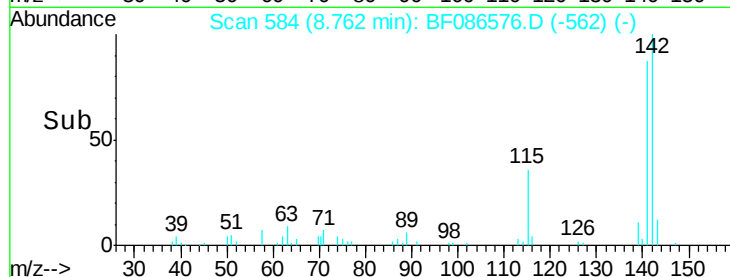
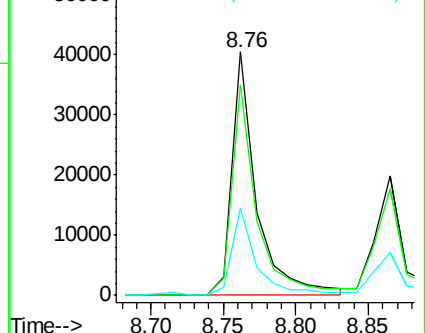
115 35.8 26.6 39.8



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: BF086576.D

Acq: 1 May 2016 17:56

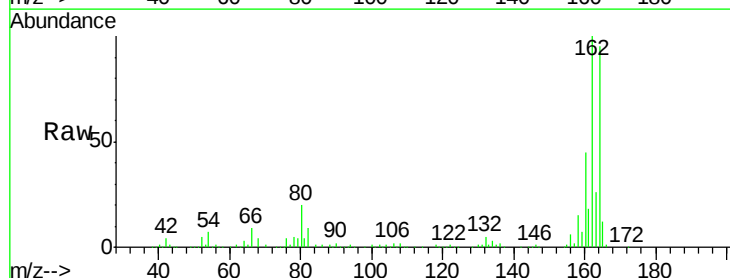
Tgt Ion:164 Resp: 298568

Ion Ratio Lower Upper

164 100

162 105.6 82.8 124.2

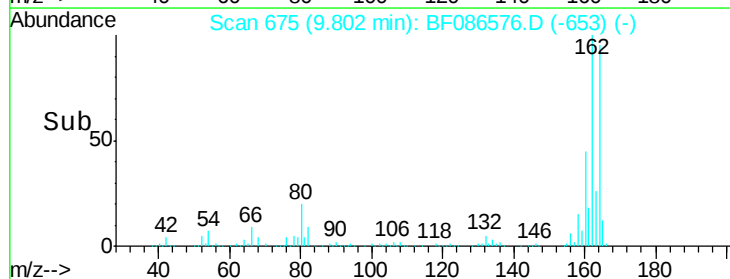
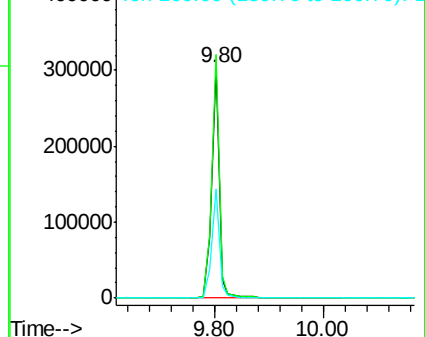
160 47.5 36.9 55.3

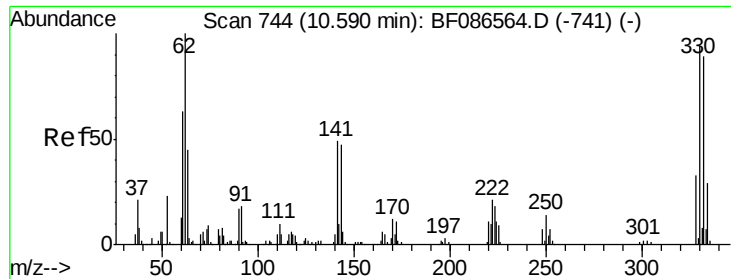


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

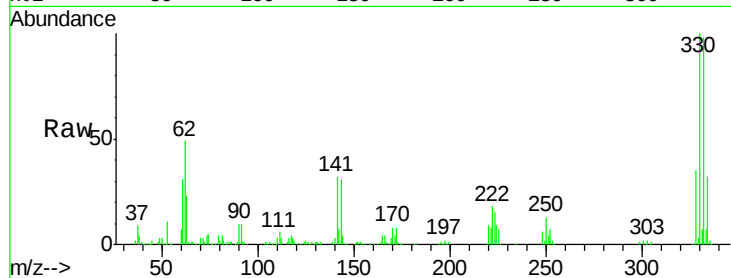




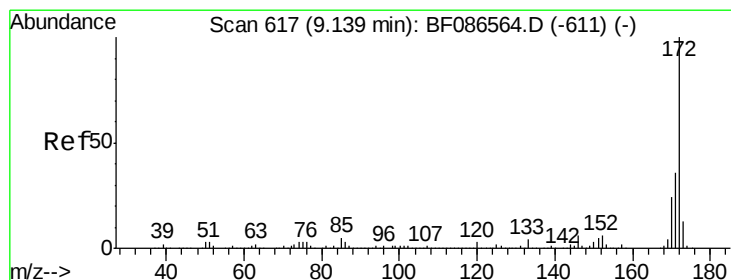
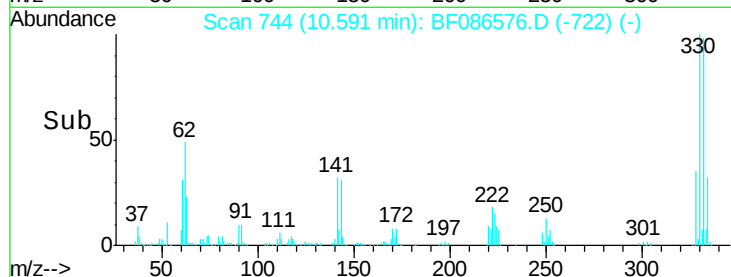
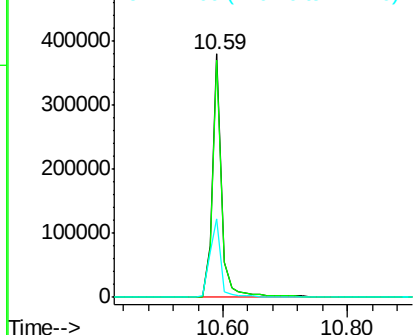
#41
 2,4,6-Tribromophenol
 Concen: 125.92 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.05 min
 Lab File: BF086576.D
 Acq: 1 May 2016 17:56

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-15(6-12FTBGS)

Tgt Ion:330 Resp: 396484
 Ion Ratio Lower Upper
 330 100
 332 97.4 79.0 118.4
 141 39.4 31.2 46.8

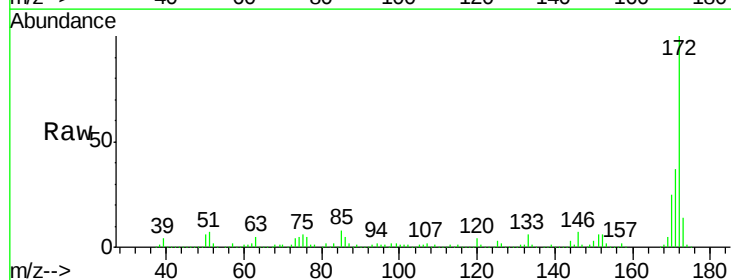


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

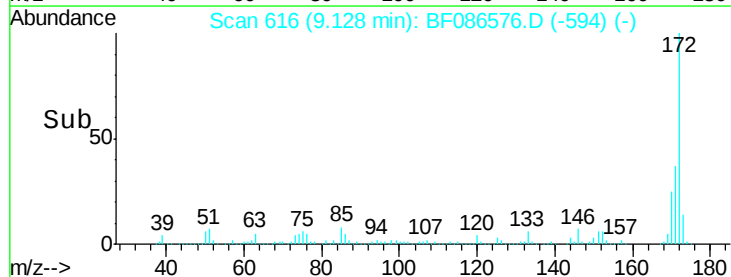
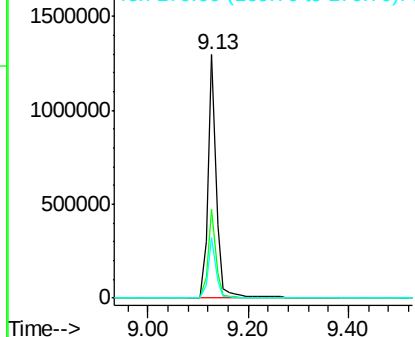


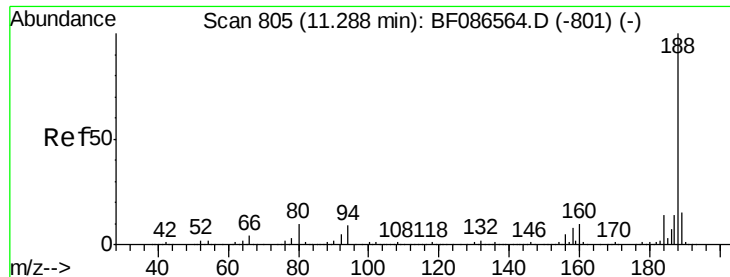
#44
 2-Fluorobiphenyl
 Concen: 89.32 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.05 min
 Lab File: BF086576.D
 Acq: 1 May 2016 17:56

Tgt Ion:172 Resp: 1507418
 Ion Ratio Lower Upper
 172 100
 171 36.5 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

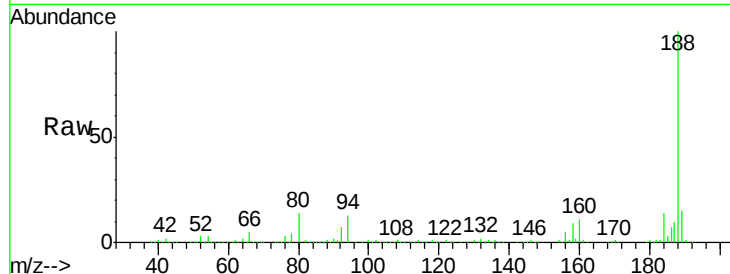




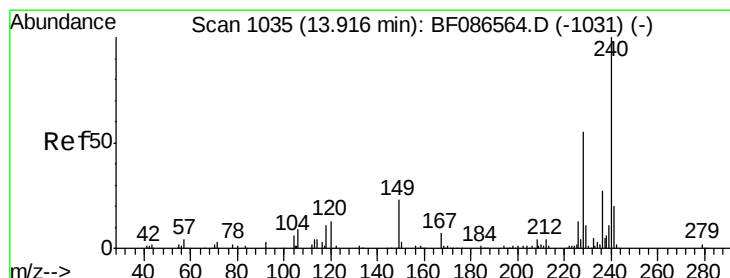
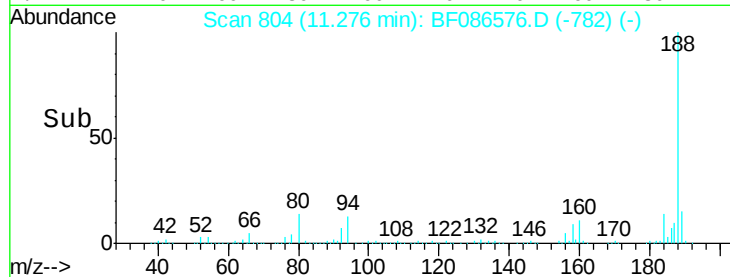
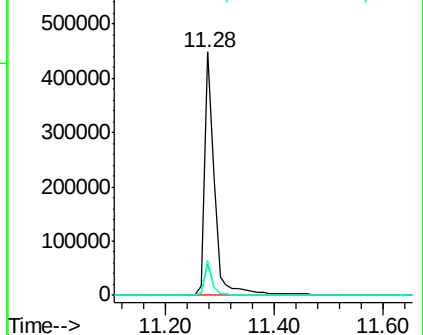
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.05 min
Lab File: BF086576.D
Acq: 1 May 2016 17:56

Instrument :
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ClientSampleId :
26WARD-2A-CS-15(6-12FTBGS)

Tgt Ion:188 Resp: 561602
Ion Ratio Lower Upper
188 100
94 13.0 6.8 10.2#
80 14.2 7.1 10.7#

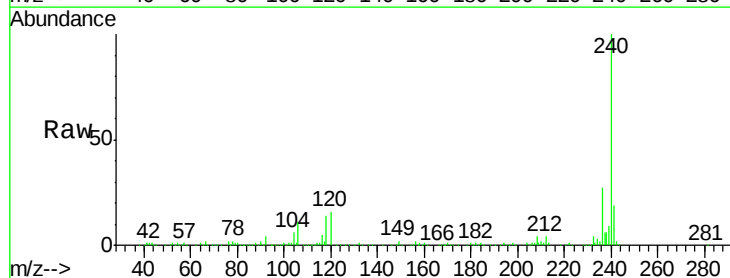


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

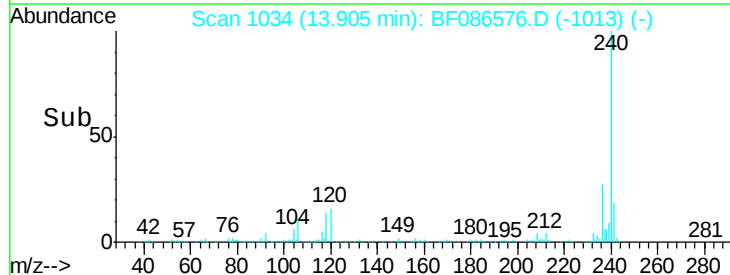
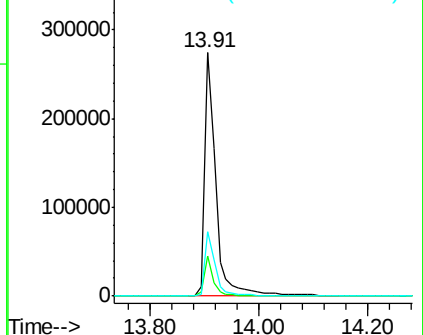


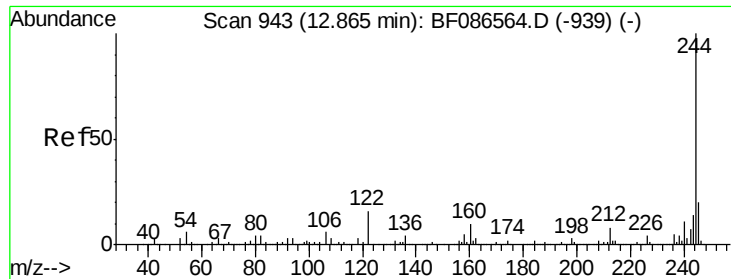
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.06 min
Lab File: BF086576.D
Acq: 1 May 2016 17:56

Tgt Ion:240 Resp: 392920
Ion Ratio Lower Upper
240 100
120 16.3 11.2 16.8
236 26.5 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

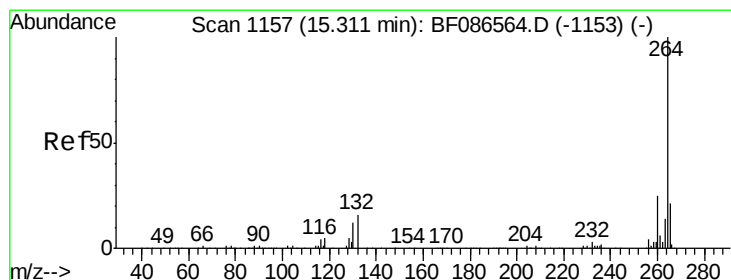
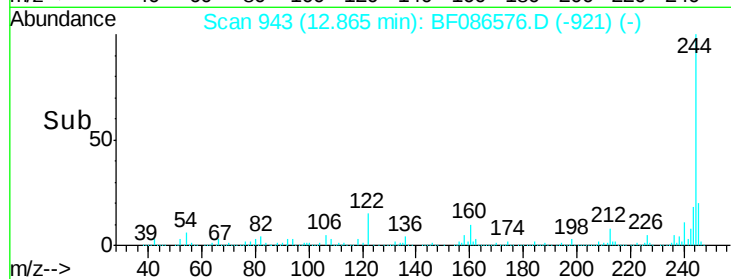
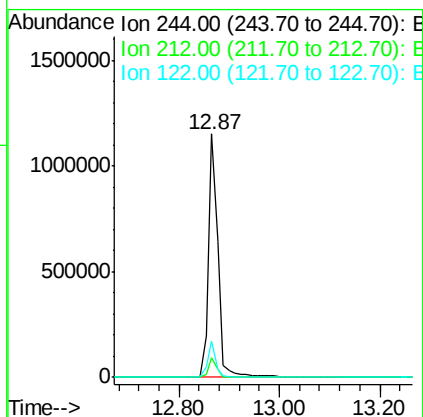
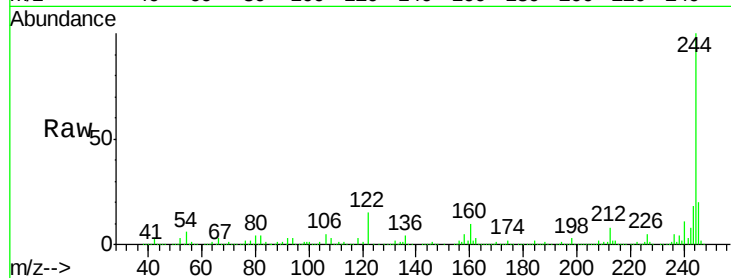




#78
 Terphenyl-d14
 Concen: 84.61 ng
 RT: 12.87 min Scan# 943
 Delta R.T. -0.05 min
 Lab File: BF086576.D
 Acq: 1 May 2016 17:56

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-15(6-12FTBGS)

Tgt Ion:244 Resp: 1509082
 Ion Ratio Lower Upper
 244 100
 212 7.9 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: BF086576.D
 Acq: 1 May 2016 17:56

Tgt Ion:264 Resp: 332065
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 21.5 17.3 25.9

