

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050116\
 Data File : BF086566.D
 Acq On : 1 May 2016 13:15
 Operator : UM/SJ
 Sample : H2683-02
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-8(0-6FTBGS)

Quant Time: May 02 04:04:24 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

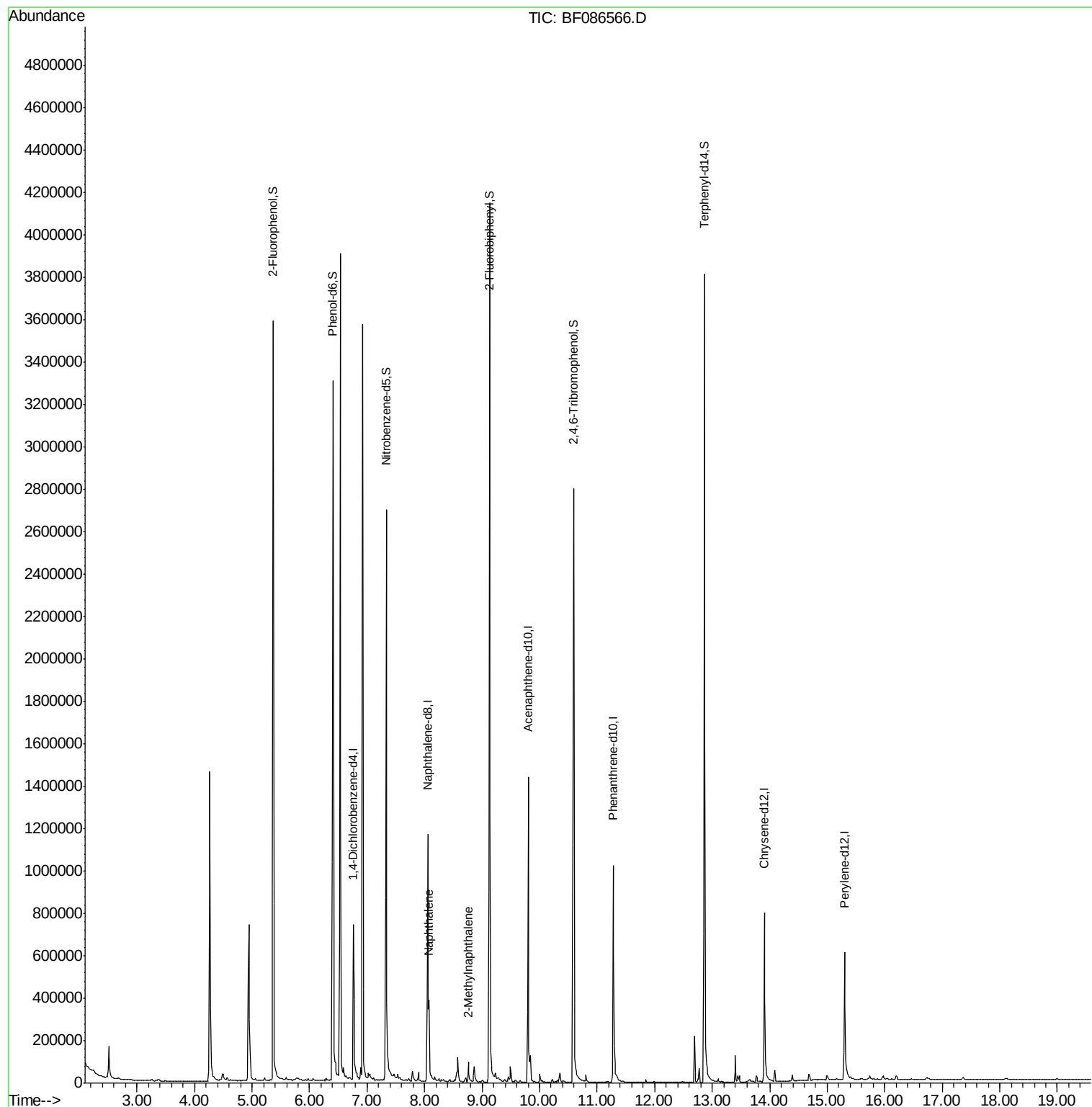
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	134224	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	586110	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	287959	20.00	ng	-0.05
63) Phenanthrene-d10	11.28	188	527639	20.00	ng	-0.05
75) Chrysene-d12	13.91	240	375040	20.00	ng	-0.06
86) Perylene-d12	15.30	264	326070	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	978975	125.81	ng	-0.02
7) Phenol-d6	6.41	99	1214441	111.82	ng	-0.03
23) Nitrobenzene-d5	7.33	82	966104	88.85	ng	-0.05
41) 2,4,6-Tribromophenol	10.59	330	371081	122.20	ng	-0.05
44) 2-Fluorobiphenyl	9.13	172	1504522	93.36	ng	-0.05
78) Terphenyl-d14	12.86	244	1471180	86.42	ng	-0.05
Target Compounds						
31) Naphthalene	8.08	128	218125	7.31	ng	99
37) 2-Methylnaphthalene	8.76	142	35420	2.01	ng	97

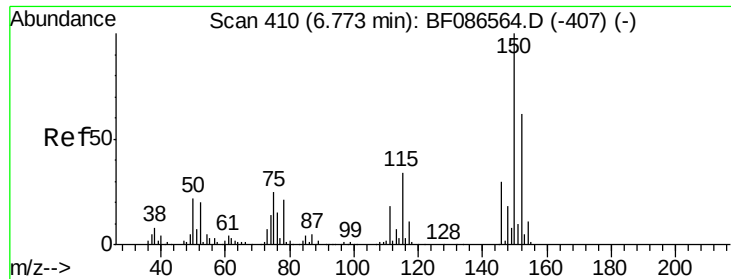
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086566.D

Acq: 1 May 2016 13:15

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-8(0-6FTBGS)

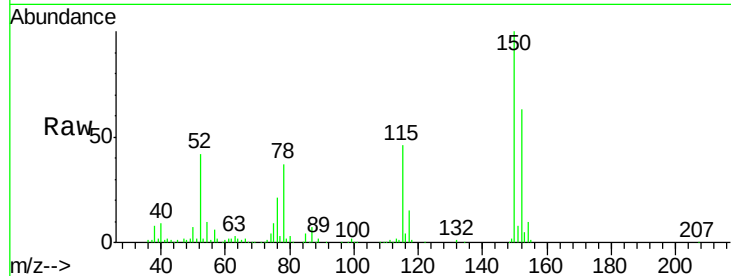
Tgt Ion:152 Resp: 134224

Ion Ratio Lower Upper

152 100

150 157.6 125.8 188.6

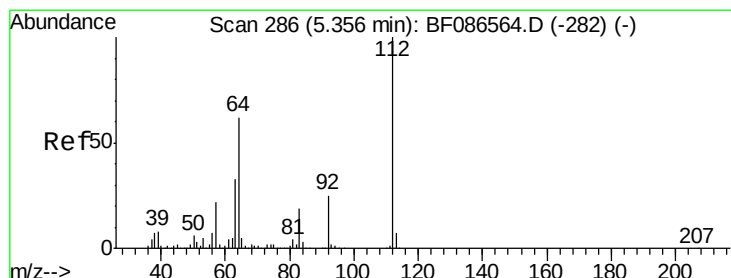
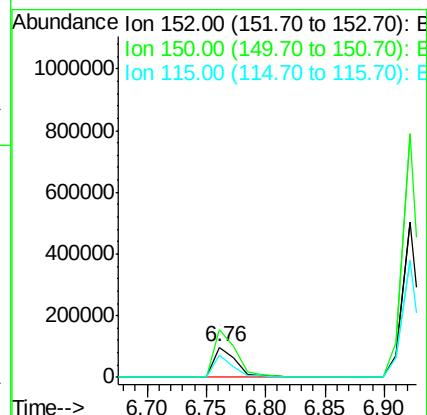
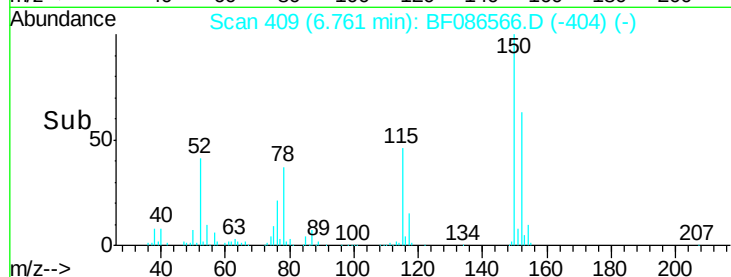
115 72.7 51.5 77.3



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: 125.81 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.02 min

Lab File: BF086566.D

Acq: 1 May 2016 13:15

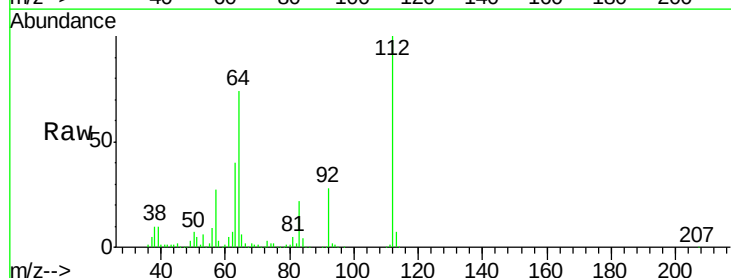
Tgt Ion:112 Resp: 978975

Ion Ratio Lower Upper

112 100

64 74.1 52.1 78.1

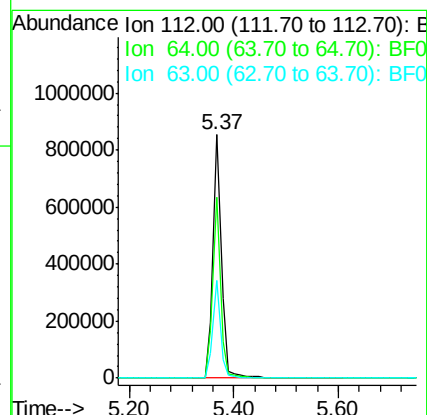
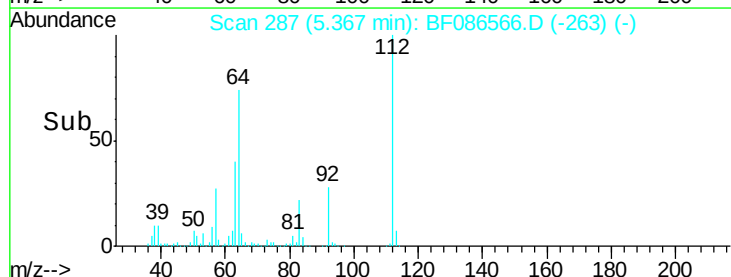
63 40.0 25.7 38.5#

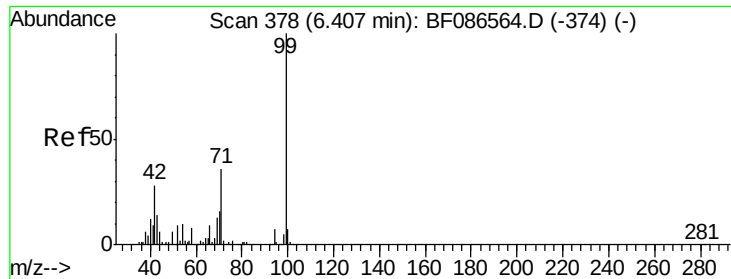


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 111.82 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086566.D

Acq: 1 May 2016 13:15

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-8(0-6FTBGS)

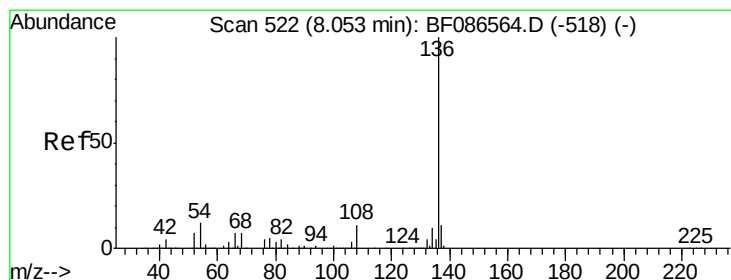
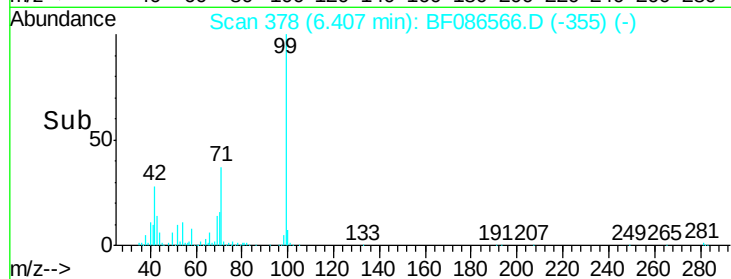
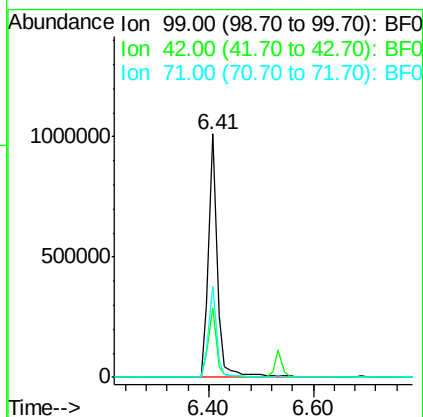
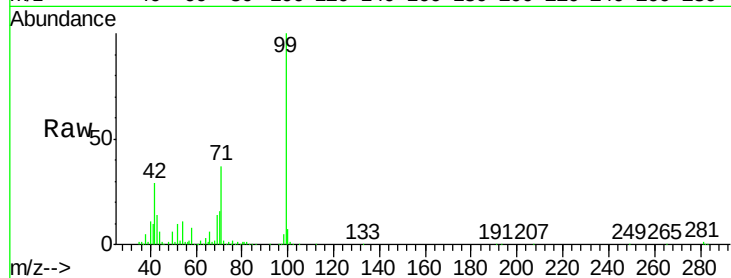
Tgt Ion: 99 Resp: 1214441

Ion Ratio Lower Upper

99 100

42 28.5 13.6 20.4#

71 37.4 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: BF086566.D

Acq: 1 May 2016 13:15

Tgt Ion: 136 Resp: 586110

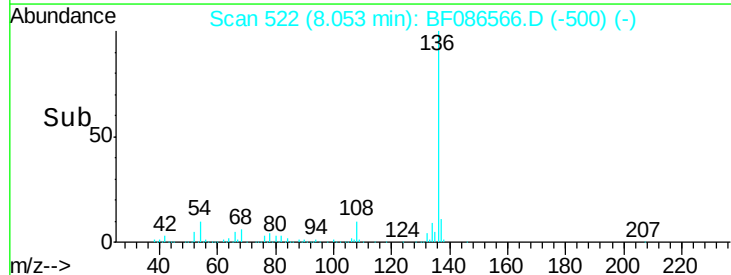
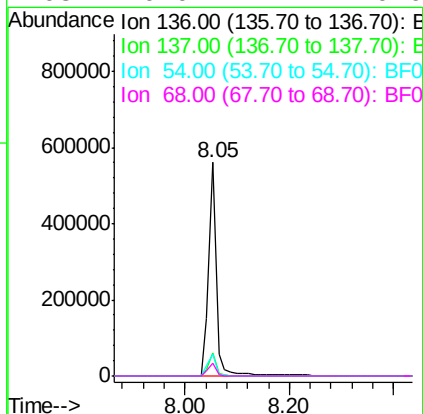
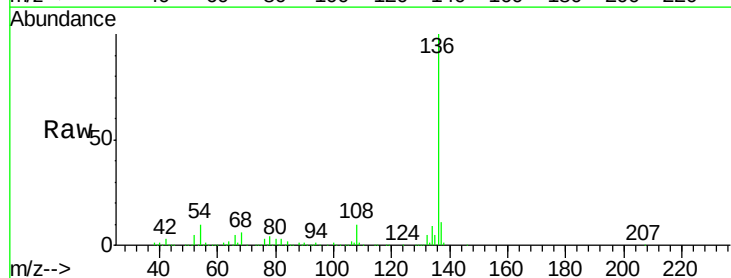
Ion Ratio Lower Upper

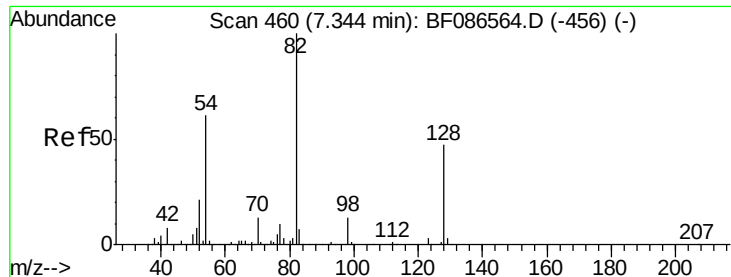
136 100

137 10.8 8.8 13.2

54 10.0 5.0 7.4#

68 6.0 4.4 6.6

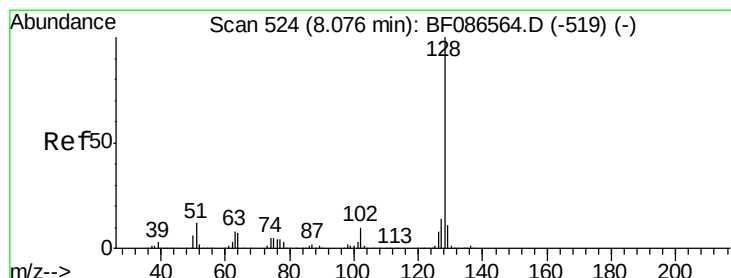
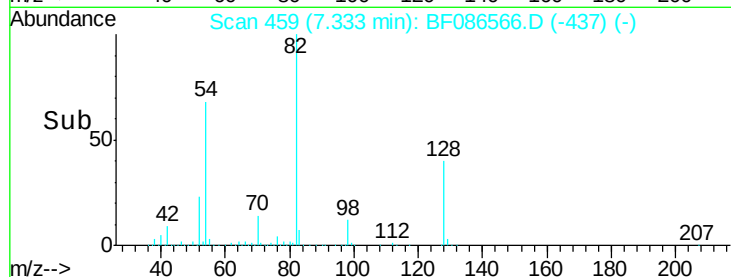
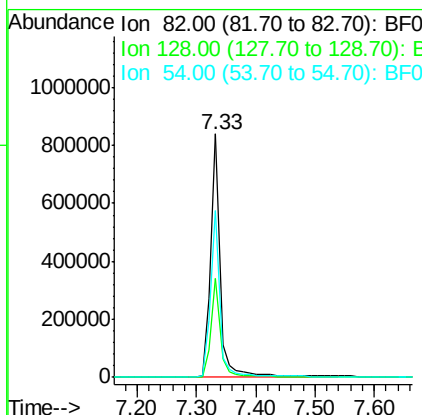
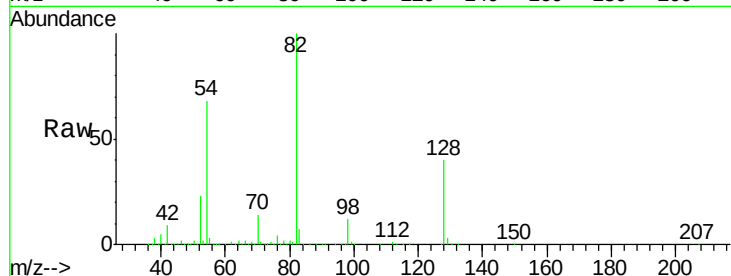




#23
 Nitrobenzene-d5
 Concen: 88.85 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.05 min
 Lab File: BF086566.D
 Acq: 1 May 2016 13:15

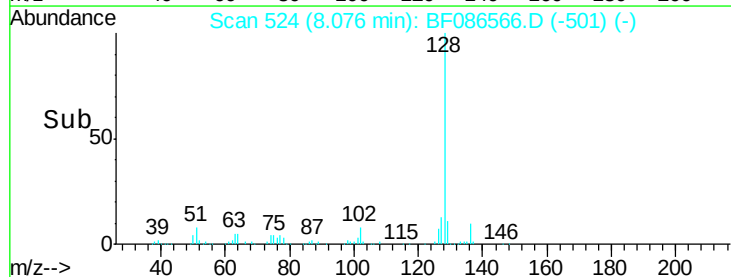
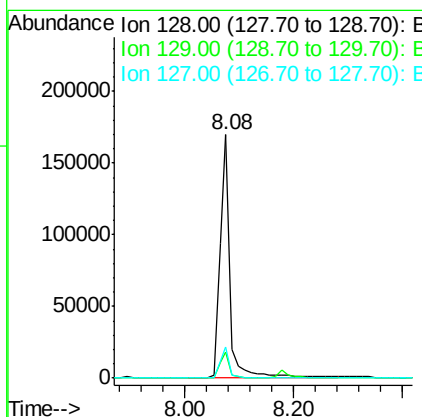
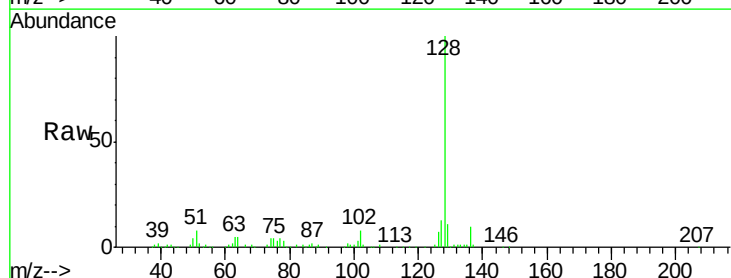
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-8(0-6FTBGS)

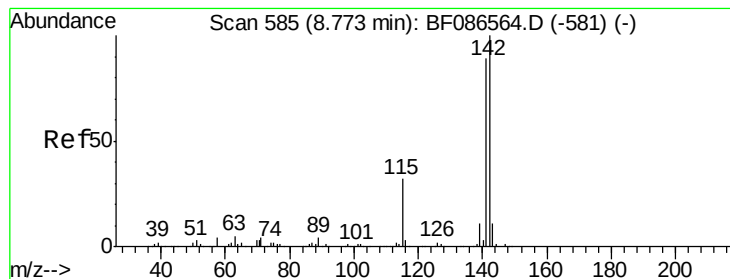
Tgt Ion: 82 Resp: 966104
 Ion Ratio Lower Upper
 82 100
 128 40.4 40.6 61.0#
 54 68.4 38.1 57.1#



#31
 Naphthalene
 Concen: 7.31 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.03 min
 Lab File: BF086566.D
 Acq: 1 May 2016 13:15

Tgt Ion: 128 Resp: 218125
 Ion Ratio Lower Upper
 128 100
 129 10.8 8.6 13.0
 127 12.7 10.8 16.2





#37

2-Methylnaphthalene

Concen: 2.01 ng

RT: 8.76 min Scan# 584

Delta R.T. -0.05 min

Lab File: BF086566.D

Acq: 1 May 2016 13:15

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-8(0-6FTBGS)

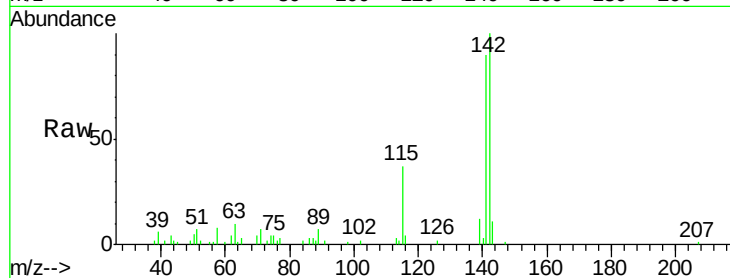
Tgt Ion:142 Resp: 35420

Ion Ratio Lower Upper

142 100

141 90.3 71.0 106.6

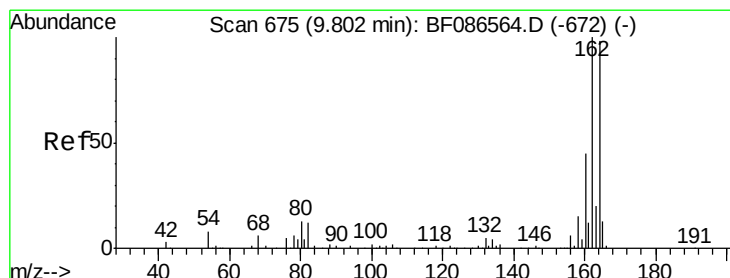
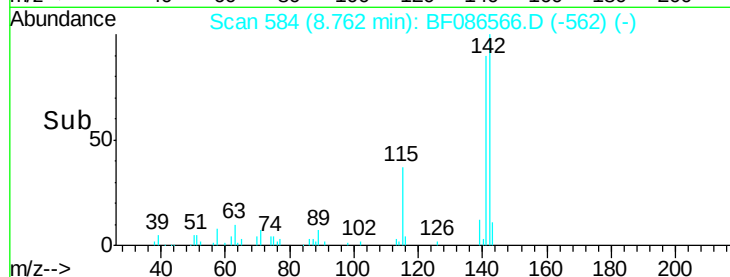
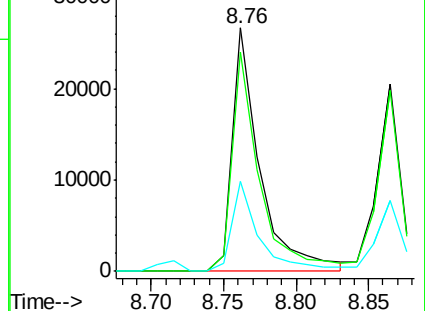
115 37.1 26.6 39.8



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: BF086566.D

Acq: 1 May 2016 13:15

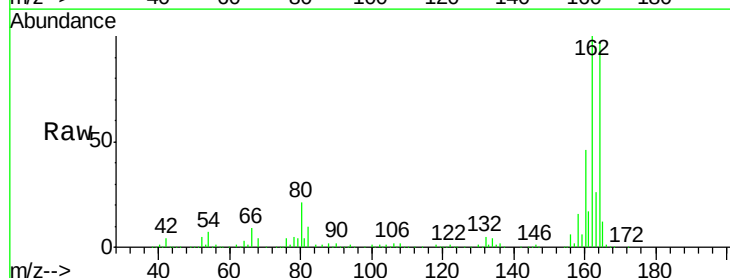
Tgt Ion:164 Resp: 287959

Ion Ratio Lower Upper

164 100

162 102.6 82.8 124.2

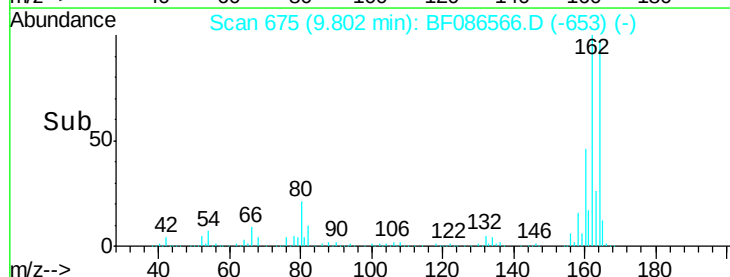
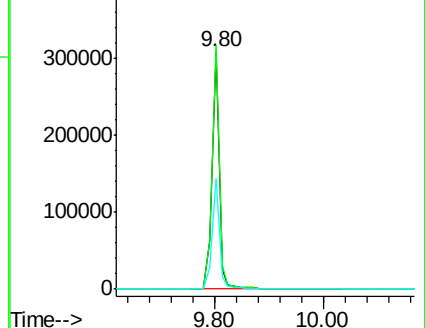
160 46.8 36.9 55.3

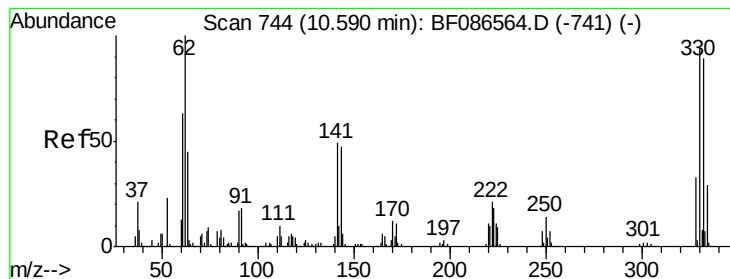


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 122.20 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.05 min

Lab File: BF086566.D

Acq: 1 May 2016 13:15

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-8(0-6FTBGS)

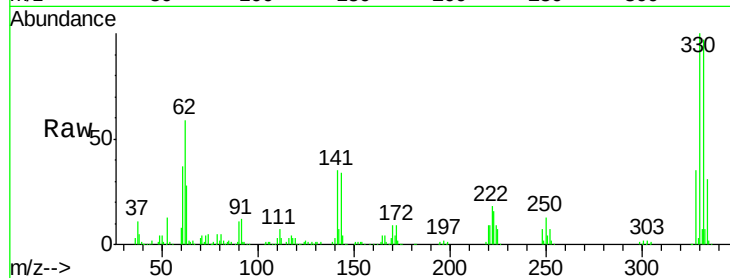
Tgt Ion:330 Resp: 371081

Ion Ratio Lower Upper

330 100

332 96.9 79.0 118.4

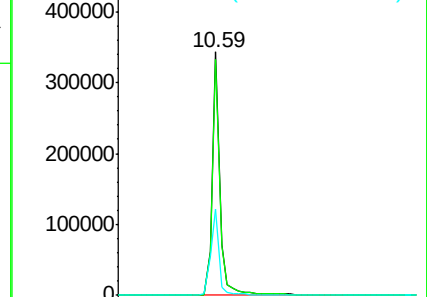
141 38.5 31.2 46.8



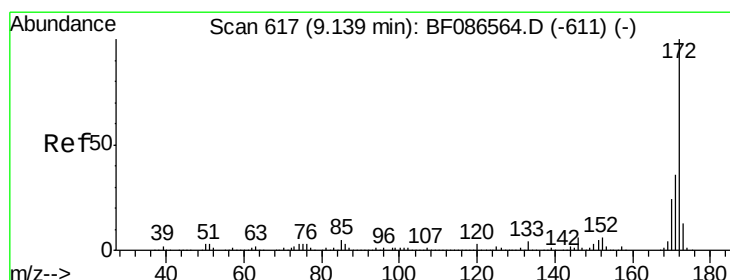
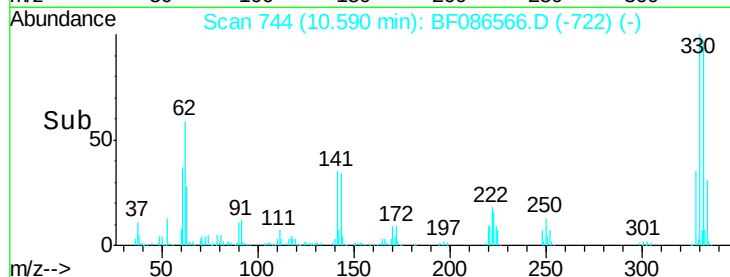
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time--> 10.40 10.60 10.80



#44

2-Fluorobiphenyl

Concen: 93.36 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.05 min

Lab File: BF086566.D

Acq: 1 May 2016 13:15

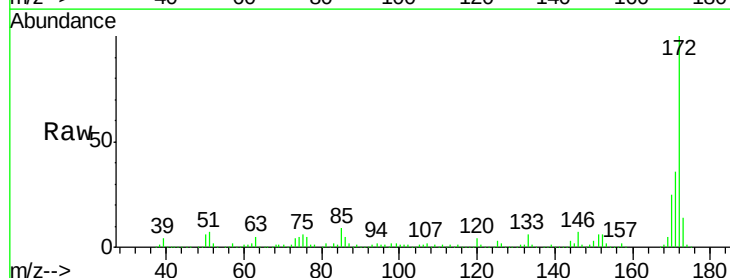
Tgt Ion:172 Resp: 1504522

Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.6

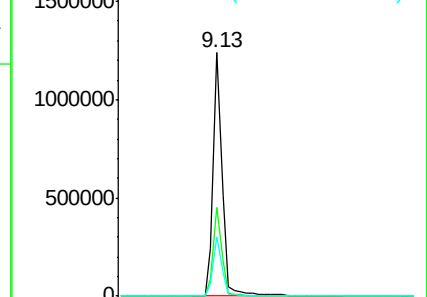
170 24.6 19.8 29.8



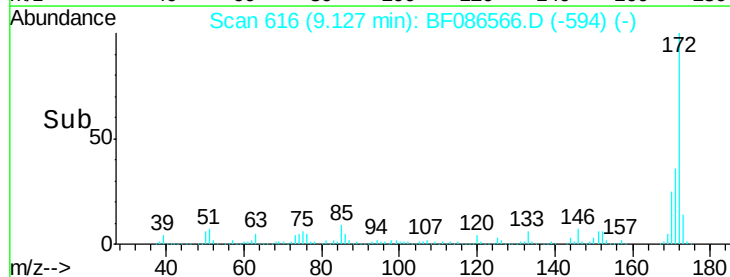
Abundance Ion 172.00 (171.70 to 172.70): E

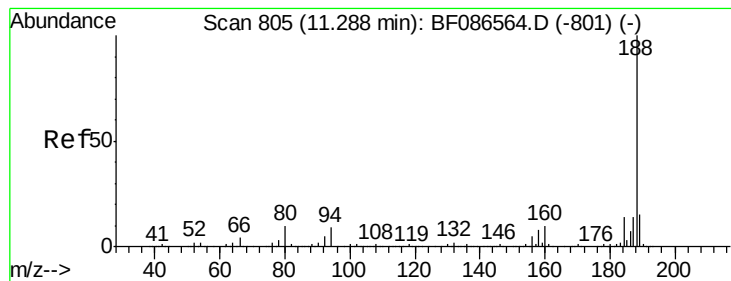
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time--> 9.00 9.20 9.40





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.28 min Scan# 804

Delta R.T. -0.05 min

Lab File: BF086566.D

Acq: 1 May 2016 13:15

Instrument :

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ClientSampleId :

26WARD-2A-CS-8(0-6FTBGS)

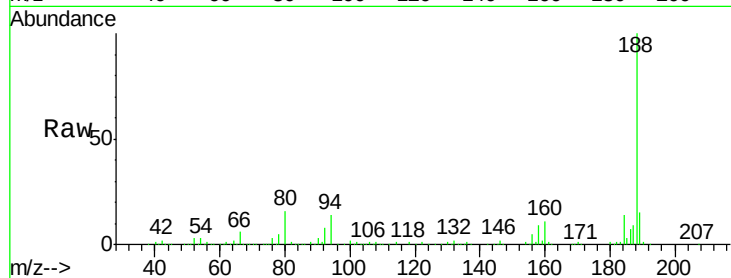
Tgt Ion:188 Resp: 527639

Ion Ratio Lower Upper

188 100

94 14.2 6.8 10.2#

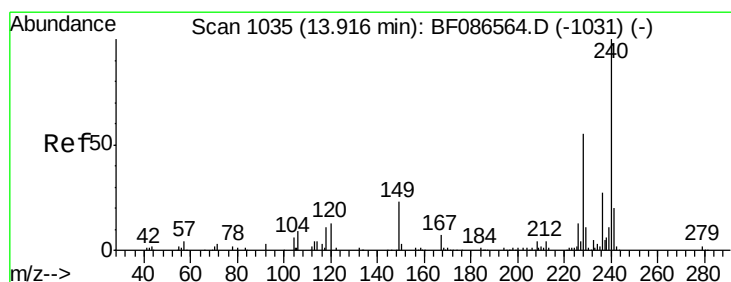
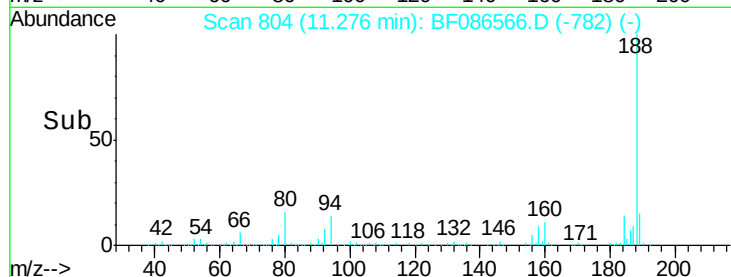
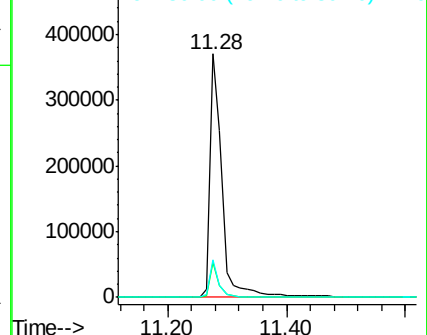
80 15.6 7.1 10.7#



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: BF086566.D

Acq: 1 May 2016 13:15

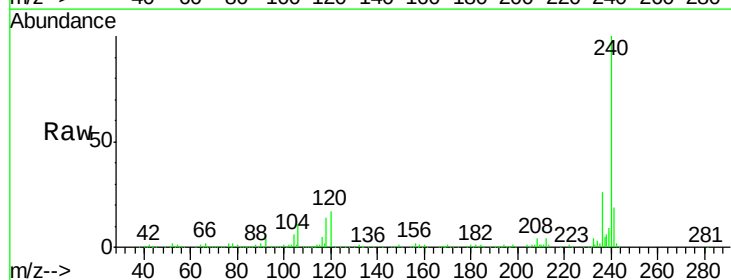
Tgt Ion:240 Resp: 375040

Ion Ratio Lower Upper

240 100

120 16.7 11.2 16.8

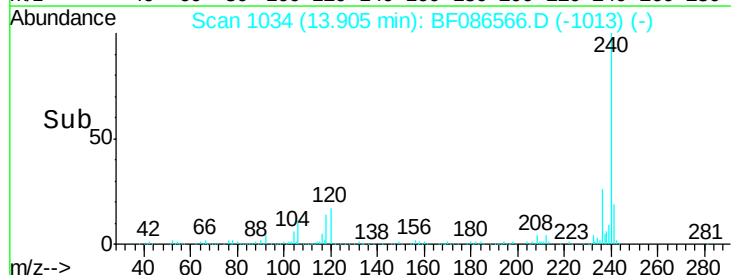
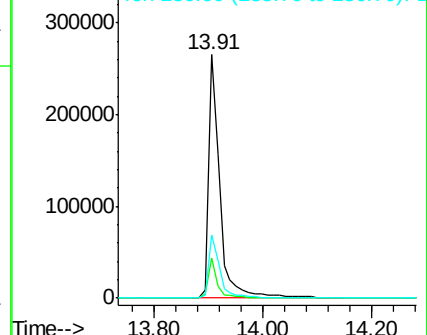
236 26.2 21.2 31.8

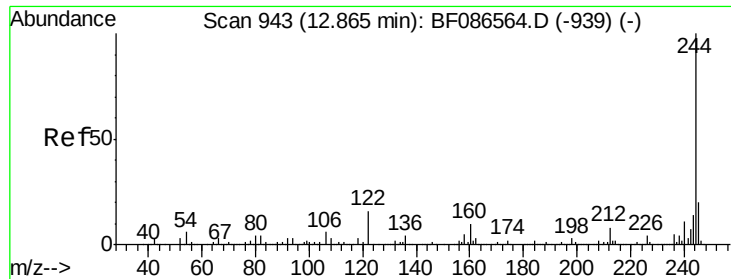


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

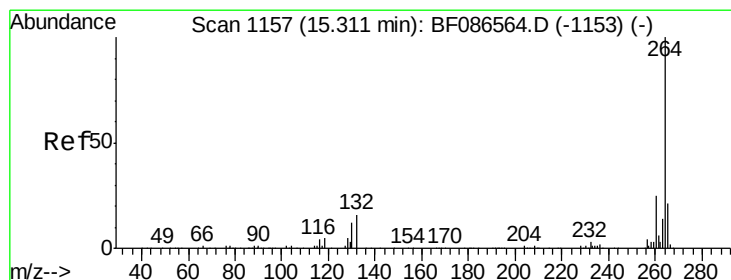
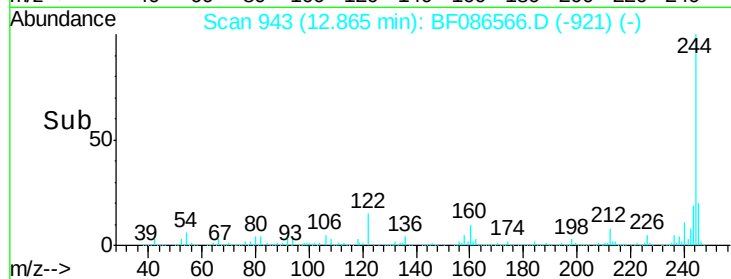
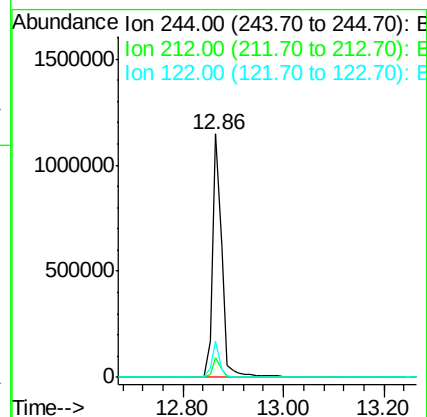
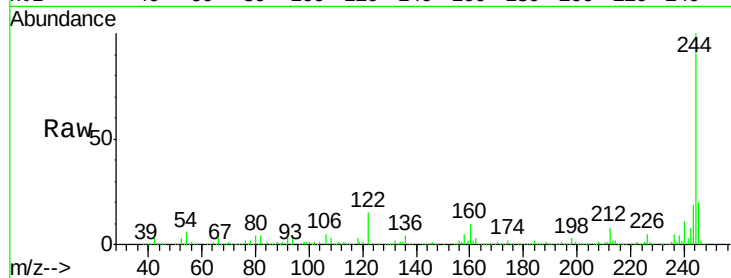




#78
 Terphenyl-d14
 Concen: 86.42 ng
 RT: 12.86 min Scan# 943
 Delta R.T. -0.05 min
 Lab File: BF086566.D
 Acq: 1 May 2016 13:15

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-8(0-6FTBGS)

Tgt Ion:244 Resp: 1471180
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.2
 122 14.7 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: BF086566.D
 Acq: 1 May 2016 13:15

Tgt Ion:264 Resp: 326070
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 21.7 17.3 25.9

