

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087044.D
 Acq On : 15 May 2016 2:58
 Operator : UM/SJ
 Sample : H2966-01
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-18

Quant Time: May 16 06:03:13 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 16 05:03:47 2016
 Response via : Initial Calibration

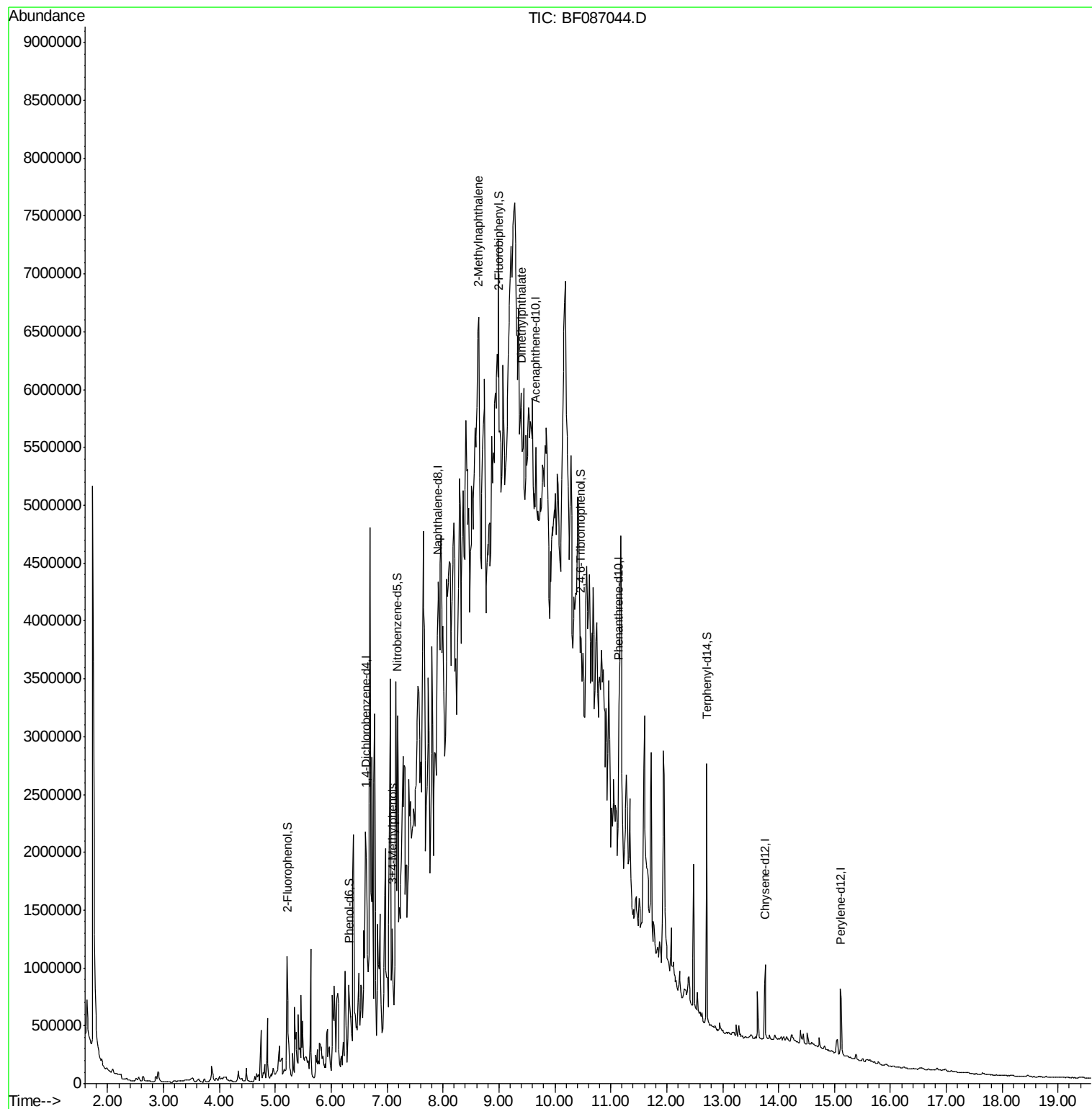
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	135810	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	506258	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	250680	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	396552	20.00	ng	0.01
75) Chrysene-d12	13.76	240	289416	20.00	ng	0.00
86) Perylene-d12	15.11	264	299958	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	376962	47.01	ng	0.01
7) Phenol-d6	6.32	99	355295	33.15	ng	0.03
23) Nitrobenzene-d5	7.19	82	673422	66.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	263324	99.22	ng	0.02
44) 2-Fluorobiphenyl	8.99	172	986568	66.14	ng	0.01
78) Terphenyl-d14	12.72	244	832312	61.02	ng	0.01
Target Compounds						Qvalue
20) 3+4-Methylphenols	7.10	107	256877	25.54	ng	# 57
37) 2-Methylnaphthalene	8.63	142	340981	23.00	ng	# 93
49) Dimethylphthalate	9.40	163	181520	9.49	ng	# 82

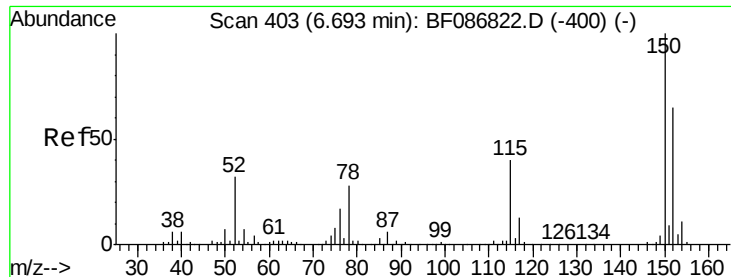
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
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QLast Update : Mon May 16 05:03:47 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF087044.D

Acq: 15 May 2016 2:58

Instrument :

BNA_F

ClientSampleId :

MW-18

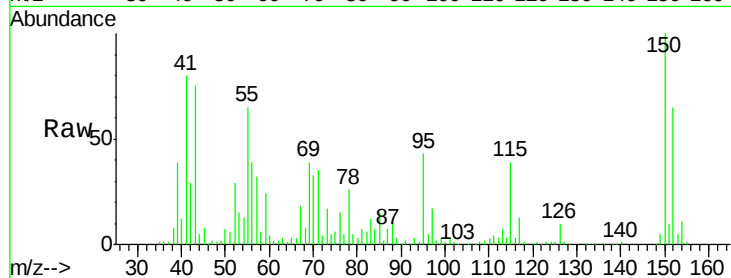
Tgt Ion:152 Resp: 135810

Ion Ratio Lower Upper

152 100

150 152.8 125.8 188.6

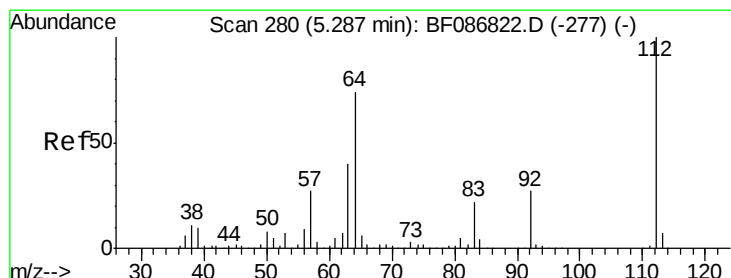
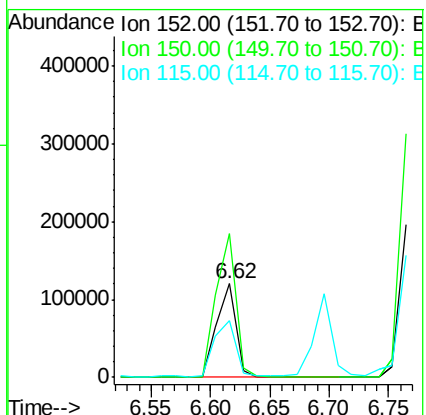
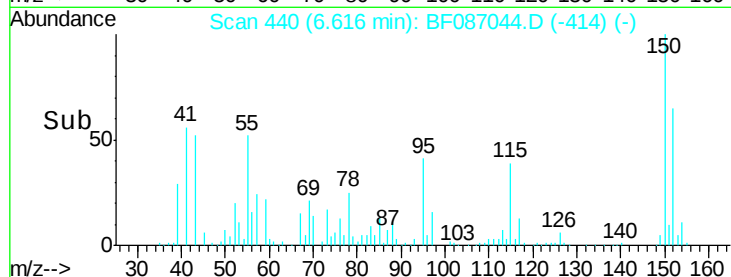
115 60.2 51.5 77.3



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: 47.01 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF087044.D

Acq: 15 May 2016 2:58

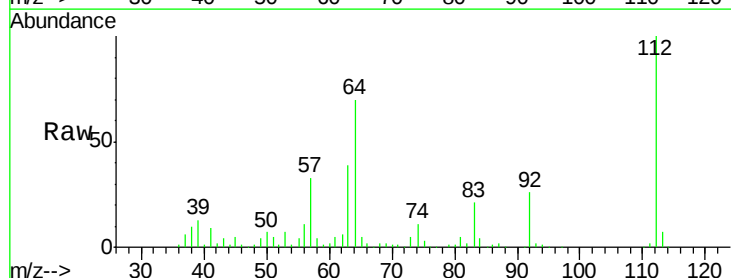
Tgt Ion:112 Resp: 376962

Ion Ratio Lower Upper

112 100

64 70.2 52.1 78.1

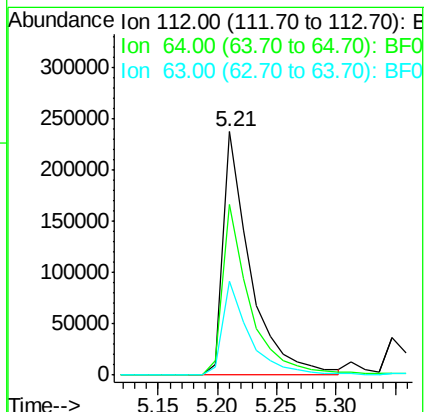
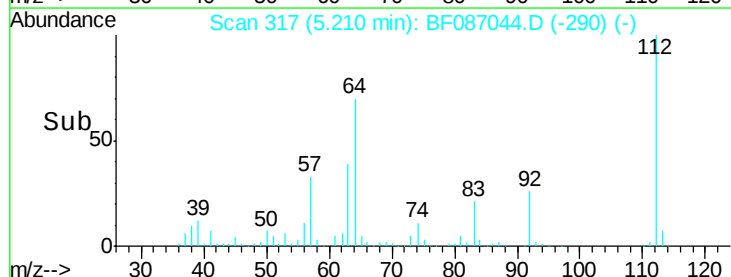
63 38.6 25.7 38.5#

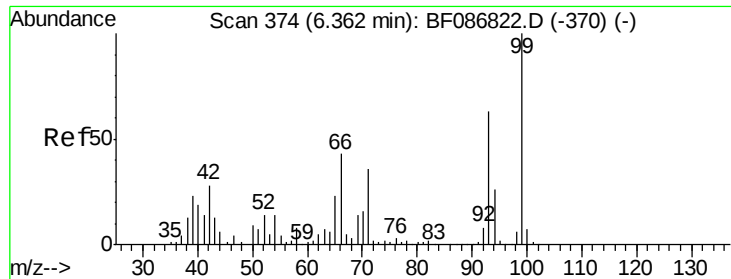


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.15 ng

RT: 6.32 min Scan# 414

Delta R.T. 0.03 min

Lab File: BF087044.D

Acq: 15 May 2016 2:58

Instrument :

BNA_F

ClientSampleId :

MW-18

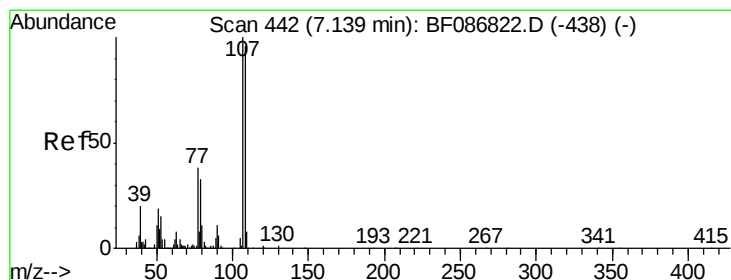
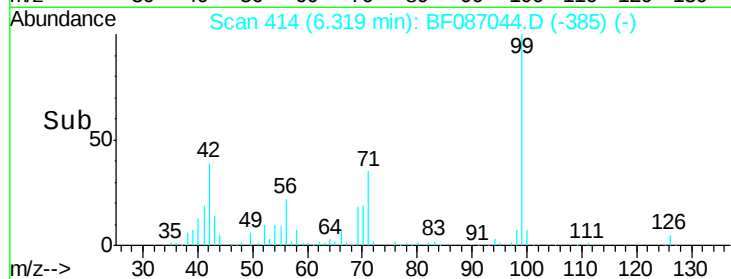
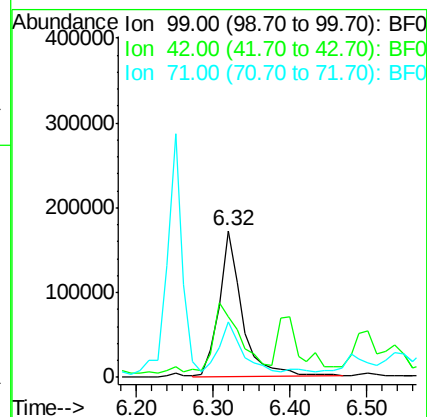
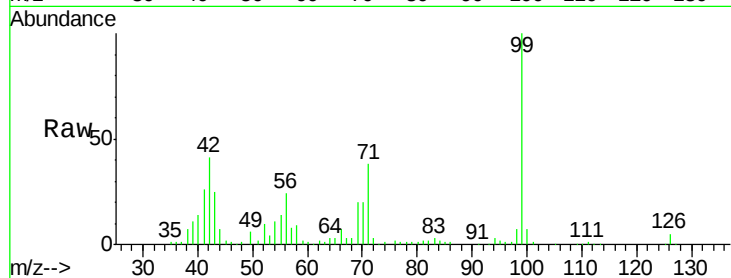
Tgt Ion: 99 Resp: 355295

Ion Ratio Lower Upper

99 100

42 40.8 13.6 20.4#

71 38.0 24.6 36.8#



#20

3+4-Methylphenols

Concen: 25.54 ng

RT: 7.10 min Scan# 482

Delta R.T. 0.03 min

Lab File: BF087044.D

Acq: 15 May 2016 2:58

Tgt Ion: 107 Resp: 256877

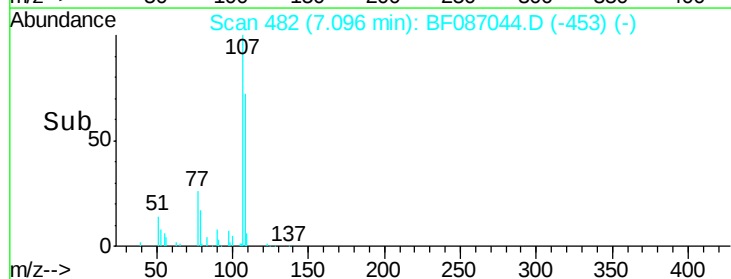
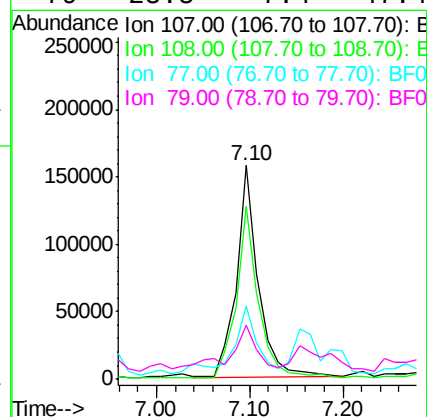
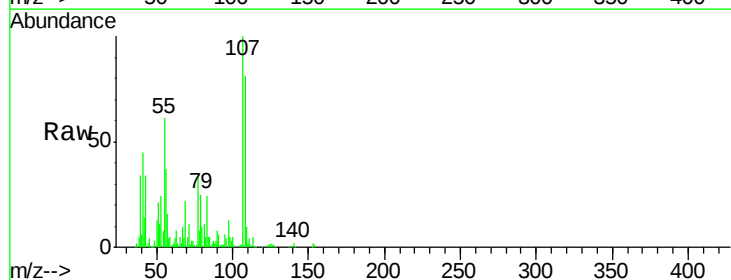
Ion Ratio Lower Upper

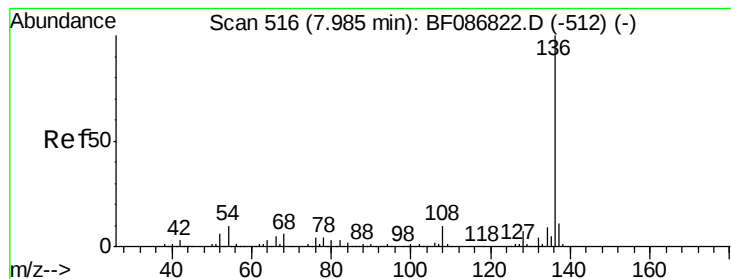
107 100

108 81.0 68.5 108.5

77 34.0 101.6 141.6#

79 25.5 7.4 47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF087044.D

Acq: 15 May 2016 2:58

Instrument :

BNA_F

ClientSampleId :

MW-18

Tgt Ion: 136 Resp: 506258

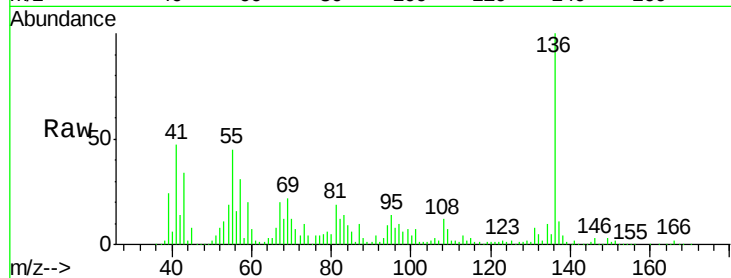
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 18.7 5.0 7.4#

68 12.4 4.4 6.6#



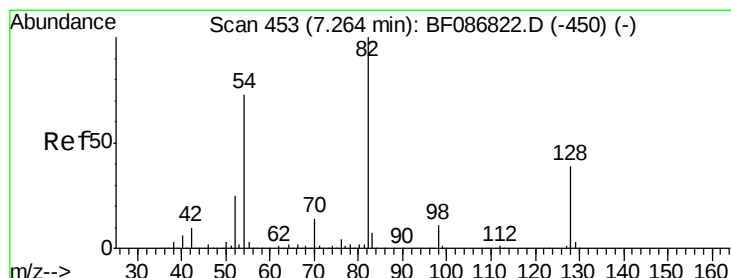
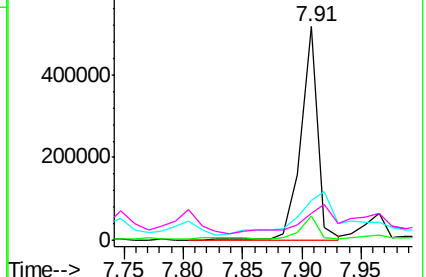
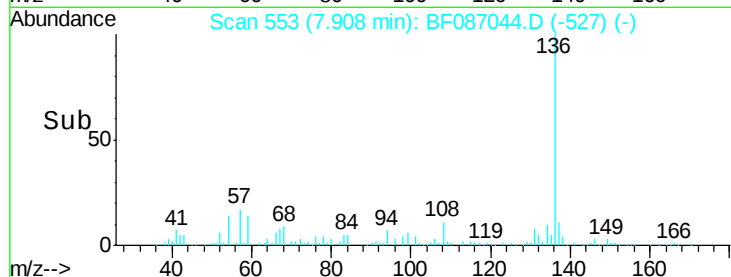
Abundance Ion 136.00 (135.70 to 136.70): E

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

Time-->



#23

Nitrobenzene-d5

Concen: 66.79 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF087044.D

Acq: 15 May 2016 2:58

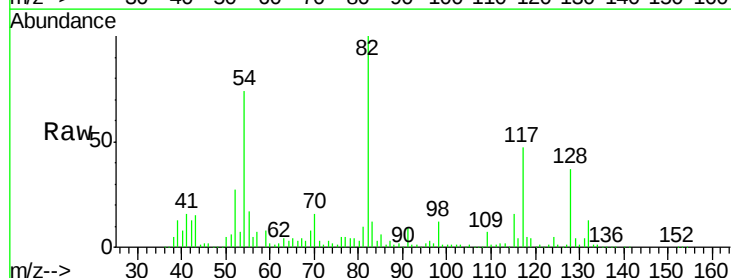
Tgt Ion: 82 Resp: 673422

Ion Ratio Lower Upper

82 100

128 37.5 40.6 61.0#

54 73.8 38.1 57.1#

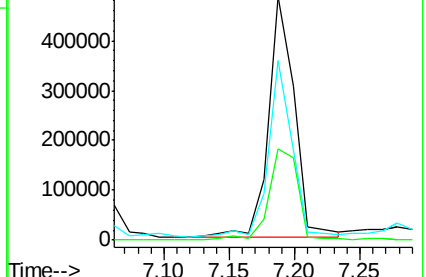
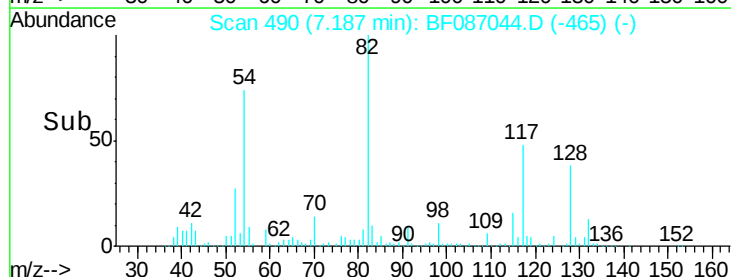


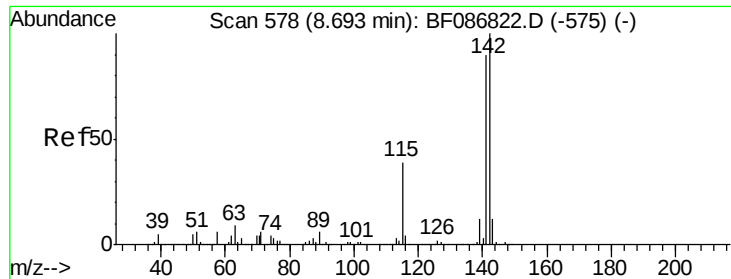
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->

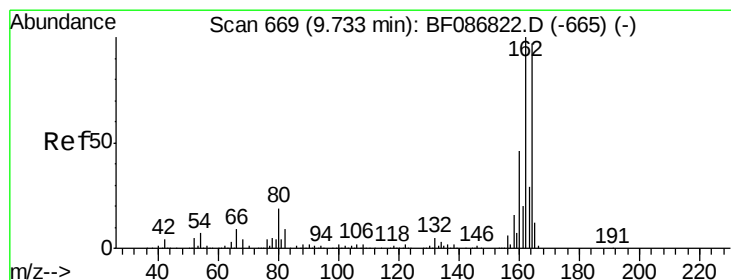
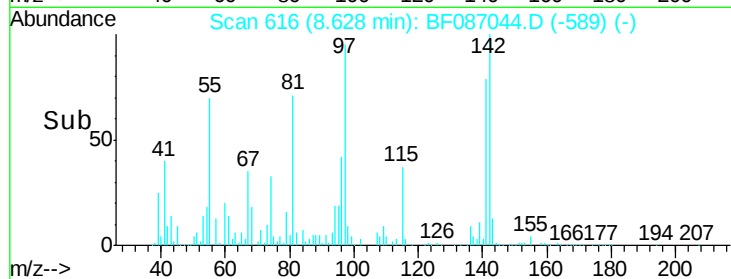
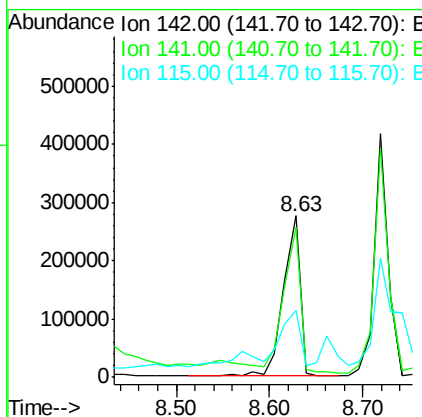
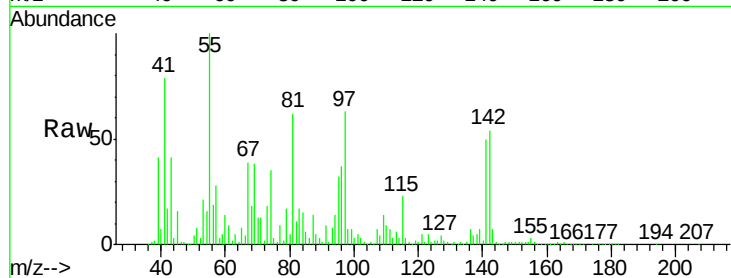




#37
 2-Methylnaphthalene
 Concen: 23.00 ng
 RT: 8.63 min Scan# 616
 Delta R.T. 0.01 min
 Lab File: BF087044.D
 Acq: 15 May 2016 2:58

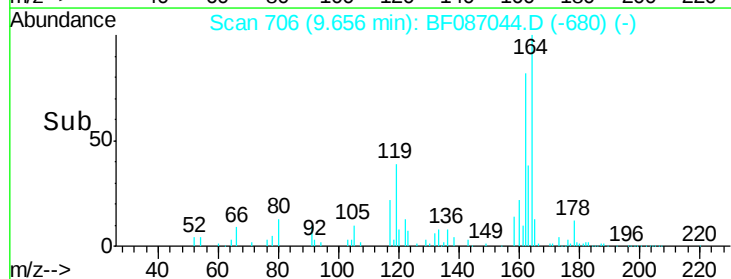
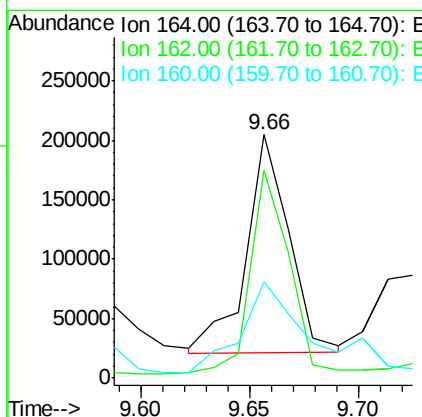
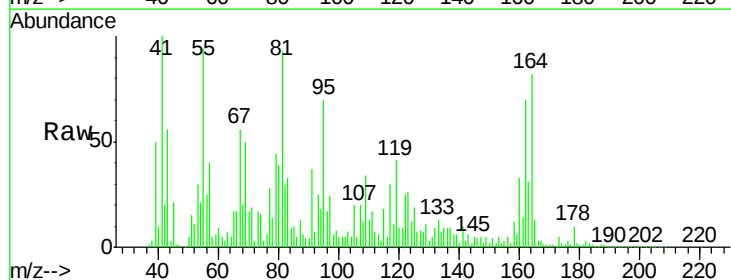
Instrument :
 BNA_F
 ClientSampleId :
 MW-18

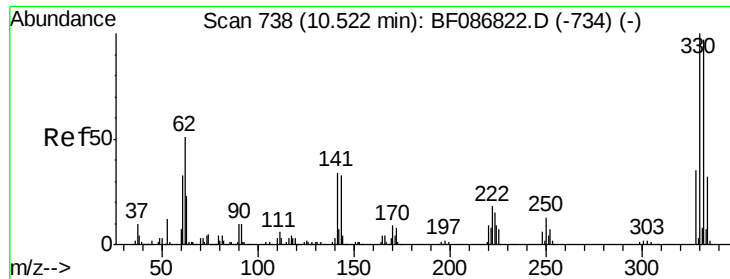
Tgt Ion:142 Resp: 340981
 Ion Ratio Lower Upper
 142 100
 141 92.8 71.0 106.6
 115 41.7 26.6 39.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF087044.D
 Acq: 15 May 2016 2:58

Tgt Ion:164 Resp: 250680
 Ion Ratio Lower Upper
 164 100
 162 85.3 82.8 124.2
 160 39.8 36.9 55.3

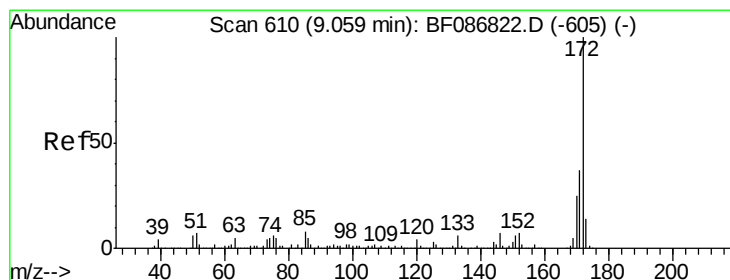
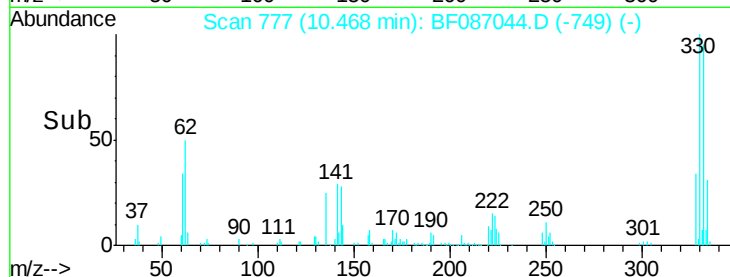
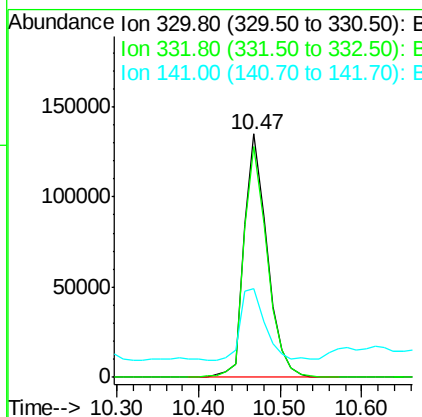
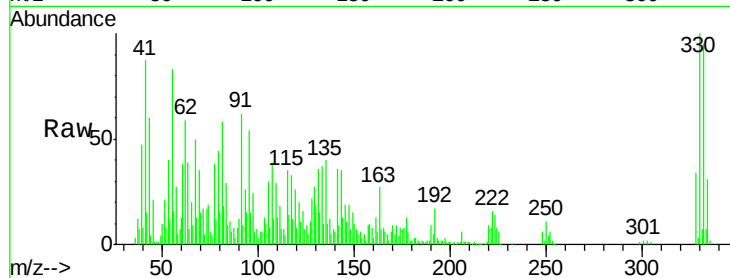




#41
 2,4,6-Tribromophenol
 Concen: 99.22 ng
 RT: 10.47 min Scan# 777
 Delta R.T. 0.02 min
 Lab File: BF087044.D
 Acq: 15 May 2016 2:58

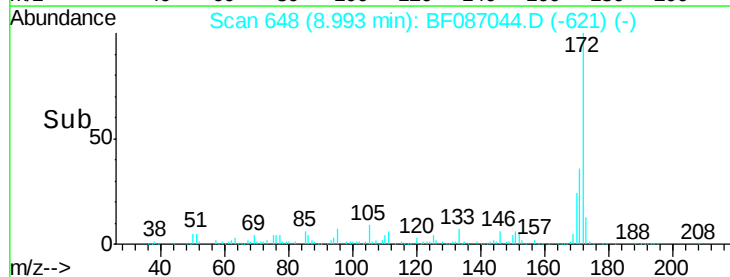
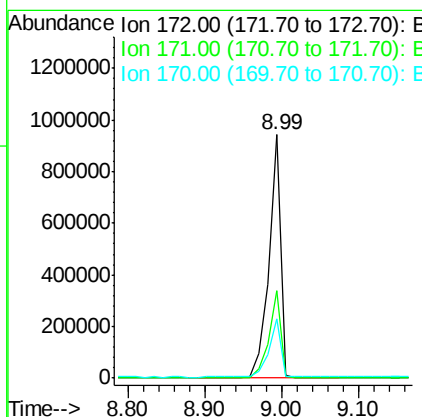
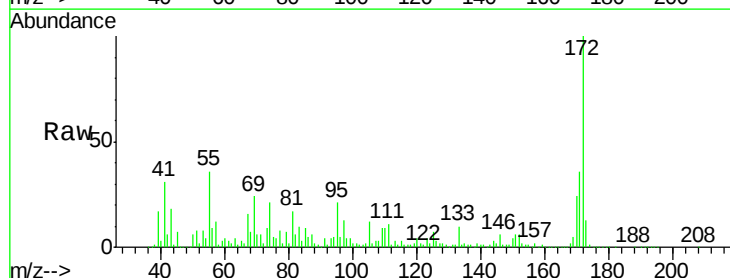
Instrument :
 BNA_F
 ClientSampleId :
 MW-18

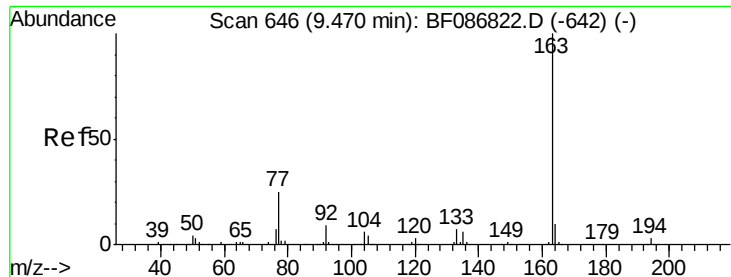
Tgt Ion: 330 Resp: 263324
 Ion Ratio Lower Upper
 330 100
 332 96.4 79.0 118.4
 141 31.0 31.2 46.8#



#44
 2-Fluorobiphenyl
 Concen: 66.14 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.01 min
 Lab File: BF087044.D
 Acq: 15 May 2016 2:58

Tgt Ion: 172 Resp: 986568
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 24.3 19.8 29.8





#49

Dimethylphthalate

Concen: 9.49 ng

RT: 9.40 min Scan# 684

Delta R.T. 0.01 min

Lab File: BF087044.D

Acq: 15 May 2016 2:58

Instrument :

BNA_F

ClientSampleId :

MW-18

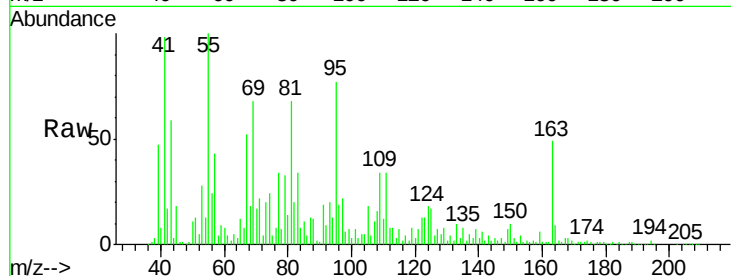
Tgt Ion:163 Resp: 181520

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

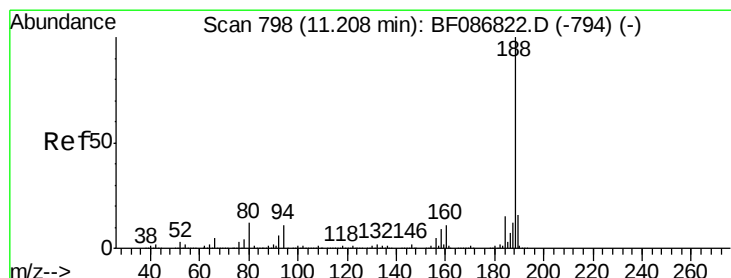
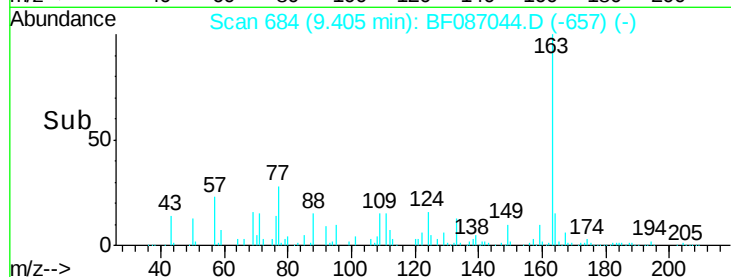
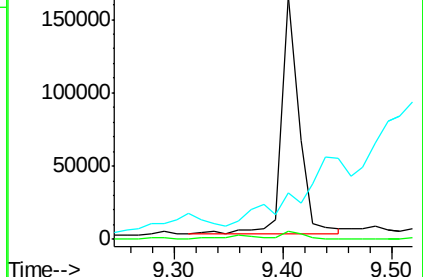
164 19.3 8.2 12.4#



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: 11.14 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF087044.D

Acq: 15 May 2016 2:58

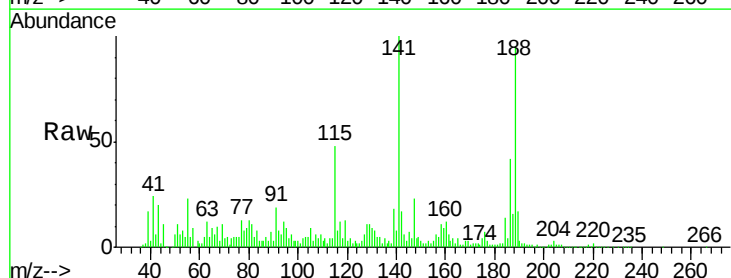
Tgt Ion:188 Resp: 396552

Ion Ratio Lower Upper

188 100

94 12.3 6.8 10.2#

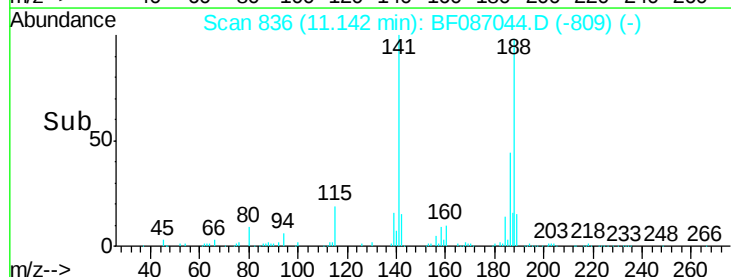
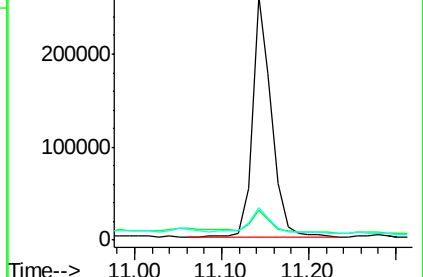
80 13.6 7.1 10.7#

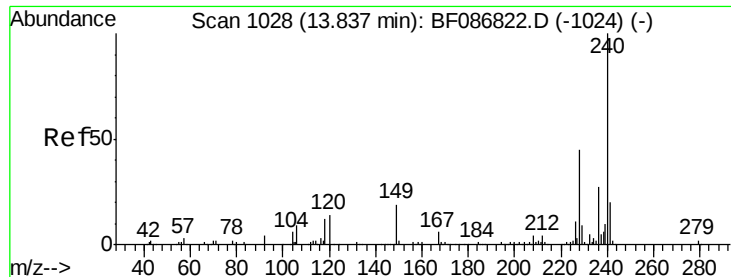


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF087044.D

Acq: 15 May 2016 2:58

Instrument :

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ClientSampleId :

MW-18

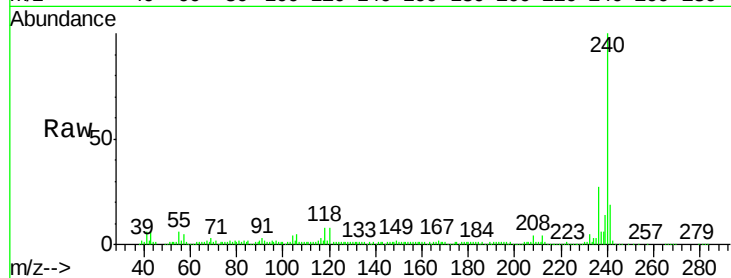
Tgt Ion:240 Resp: 289416

Ion Ratio Lower Upper

240 100

120 8.1 11.2 16.8#

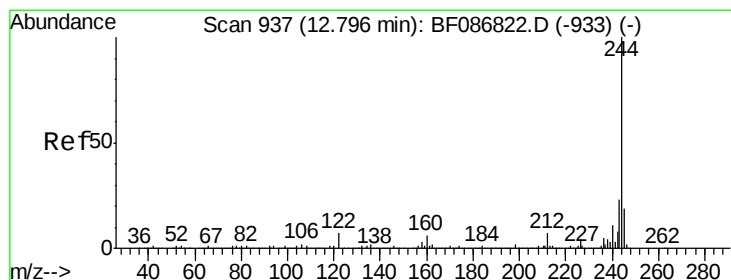
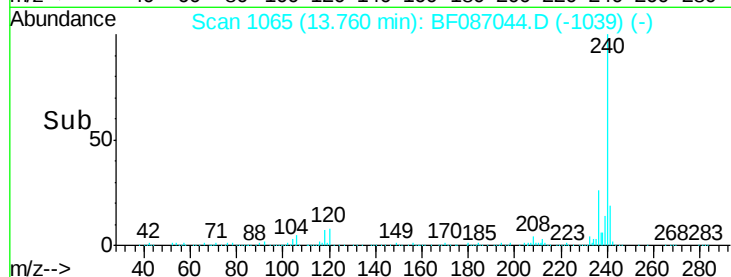
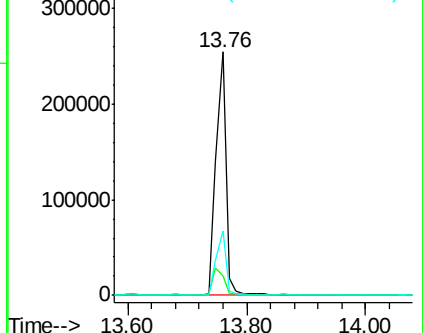
236 26.6 21.2 31.8



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: 61.02 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF087044.D

Acq: 15 May 2016 2:58

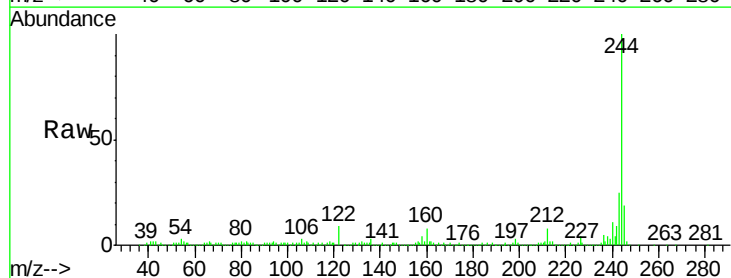
Tgt Ion:244 Resp: 832312

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

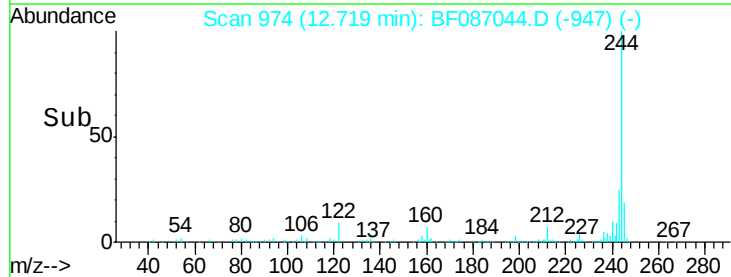
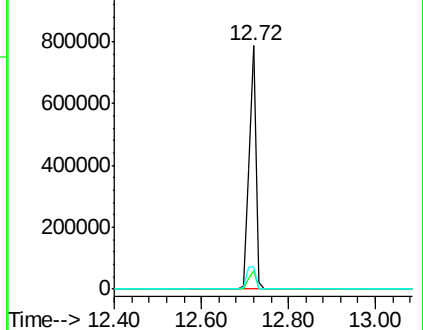
122 9.1 12.0 18.0#

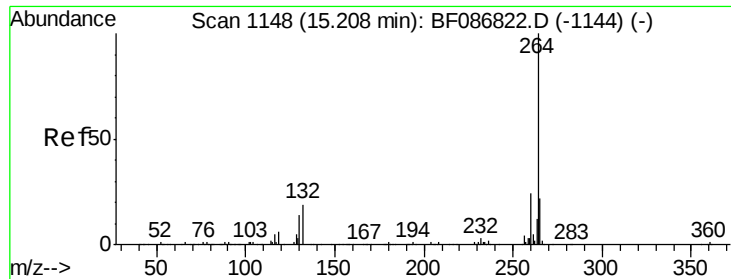


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF087044.D
Acq: 15 May 2016 2:58

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	22.2	17.3	25.9

