

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087045.D
 Acq On : 15 May 2016 3:27
 Operator : UM/SJ
 Sample : H2966-03
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-19

Quant Time: May 16 06:07:16 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

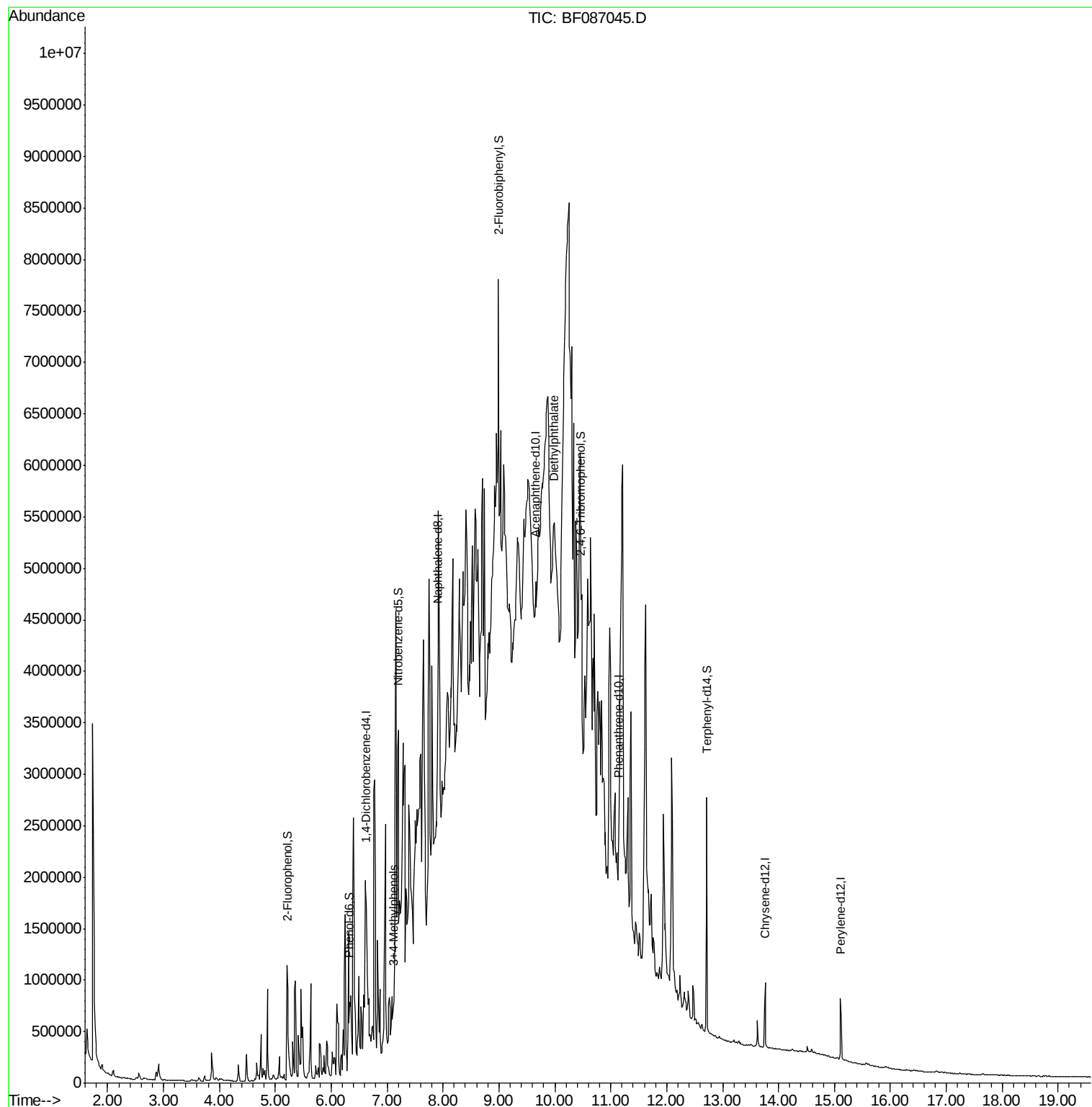
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	132934	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	488439	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	160137	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	363850	20.00	ng	0.01
75) Chrysene-d12	13.76	240	278699	20.00	ng	0.00
86) Perylene-d12	15.11	264	295889	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	492168	62.70	ng	0.01
7) Phenol-d6	6.33	99	416435	39.70	ng	0.05
23) Nitrobenzene-d5	7.20	82	984369	101.20	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	308715	182.10	ng	0.02
44) 2-Fluorobiphenyl	8.99	172	1203373	126.30	ng	0.01
78) Terphenyl-d14	12.72	244	843591	64.22	ng	0.01
Target Compounds						
20) 3+4-Methylphenols	7.11	107	136796	13.90	ng	# 58
59) Diethylphthalate	9.98	149	1410054	118.44	ng	# 76

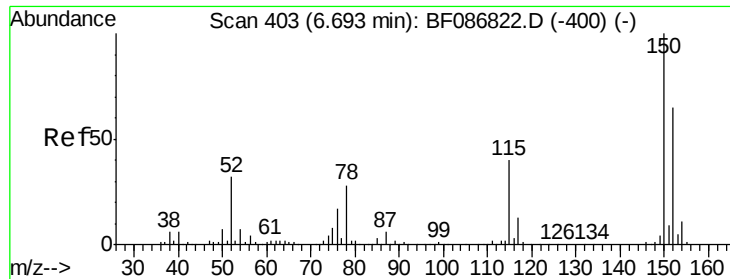
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF087045.D

Acq: 15 May 2016 3:27

Instrument :

BNA_F

ClientSampleId :

MW-19

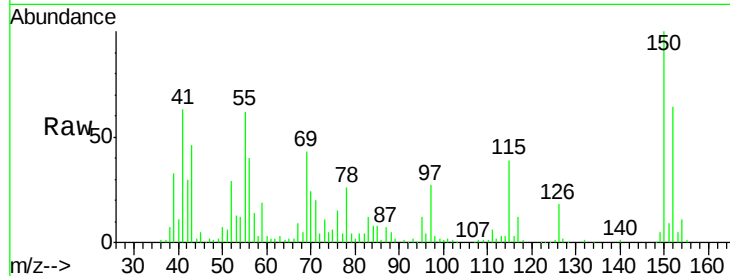
Tgt Ion:152 Resp: 132934

Ion Ratio Lower Upper

152 100

150 156.9 125.8 188.6

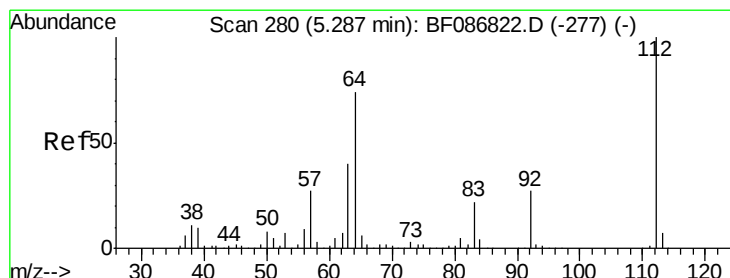
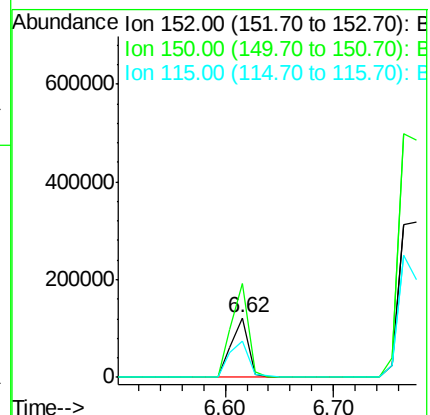
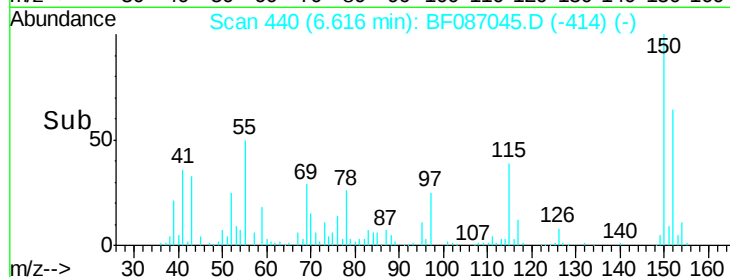
115 61.0 51.5 77.3



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: 62.70 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF087045.D

Acq: 15 May 2016 3:27

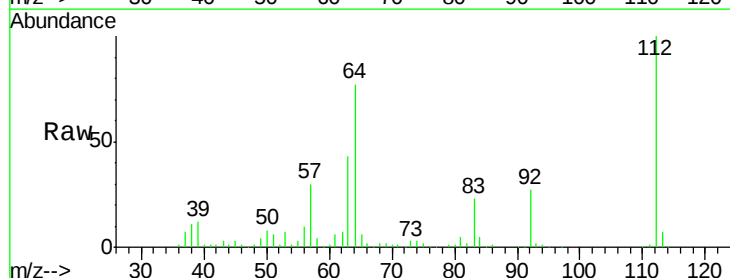
Tgt Ion:112 Resp: 492168

Ion Ratio Lower Upper

112 100

64 76.9 52.1 78.1

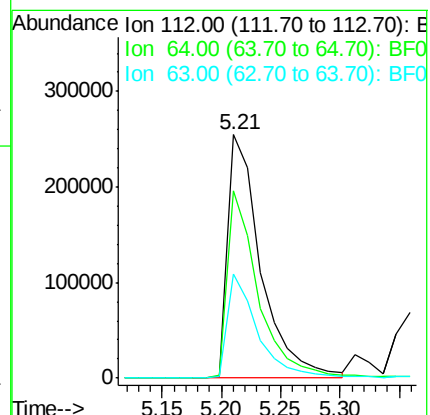
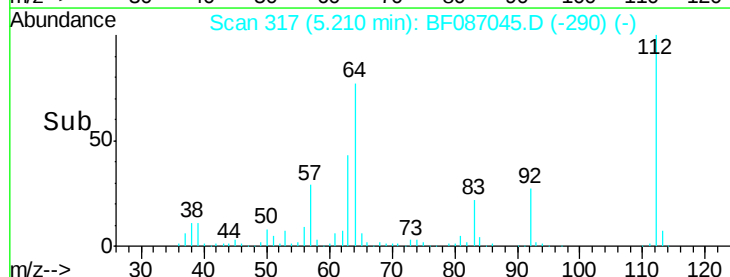
63 42.9 25.7 38.5#

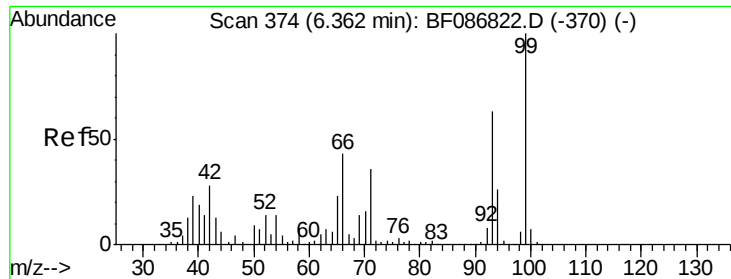


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.70 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.05 min

Lab File: BF087045.D

Acq: 15 May 2016 3:27

Instrument :

BNA_F

ClientSampleId :

MW-19

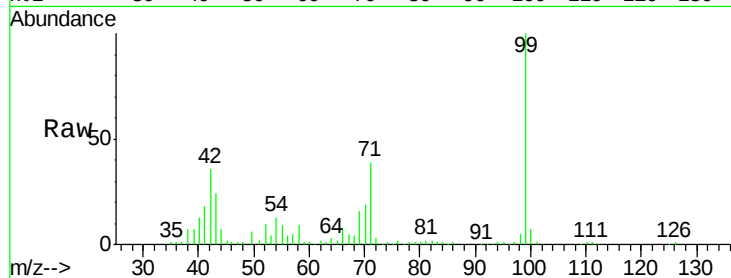
Tgt Ion: 99 Resp: 416435

Ion Ratio Lower Upper

99 100

42 36.2 13.6 20.4#

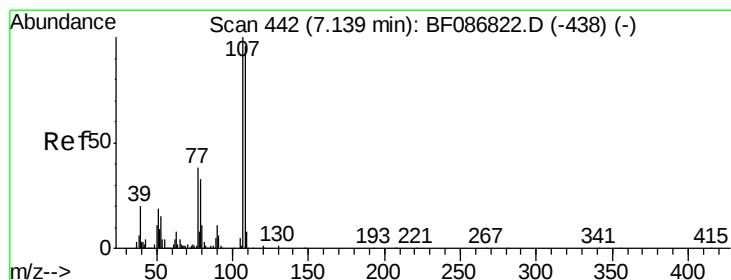
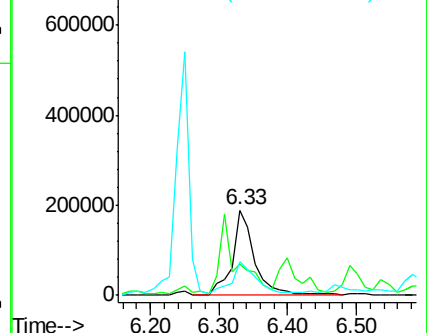
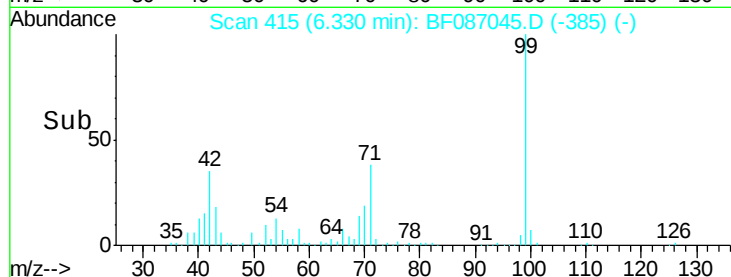
71 39.2 24.6 36.8#



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



#20

3+4-Methylphenols

Concen: 13.90 ng

RT: 7.11 min Scan# 483

Delta R.T. 0.05 min

Lab File: BF087045.D

Acq: 15 May 2016 3:27

Tgt Ion: 107 Resp: 136796

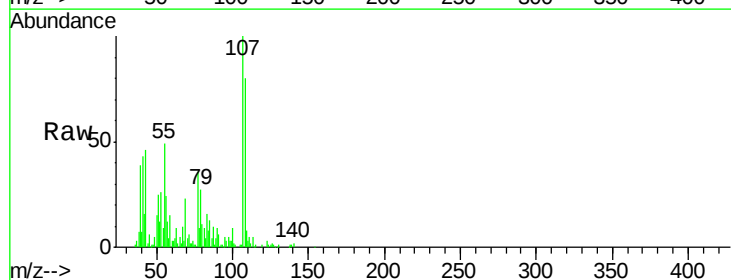
Ion Ratio Lower Upper

107 100

108 80.3 68.5 108.5

77 36.4 101.6 141.6#

79 27.5 7.4 47.4

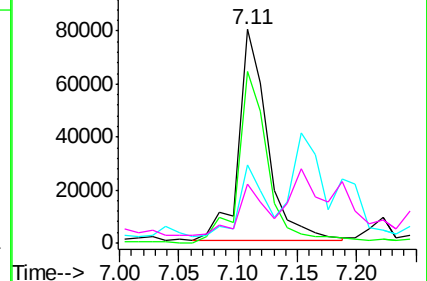
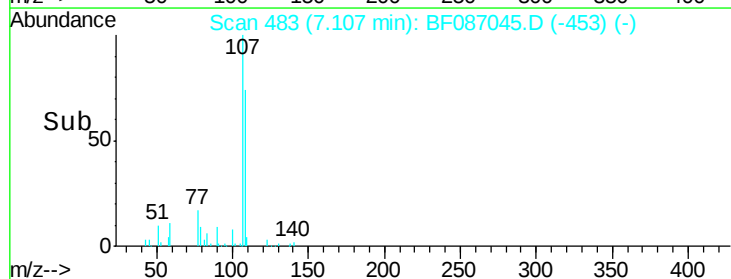


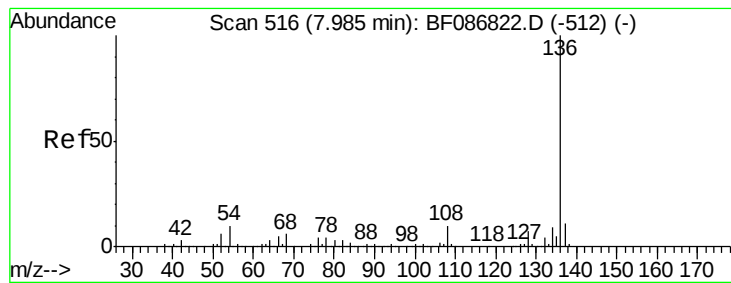
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF087045.D

Acq: 15 May 2016 3:27

Instrument :

BNA_F

ClientSampleId :

MW-19

Tgt Ion: 136 Resp: 488439

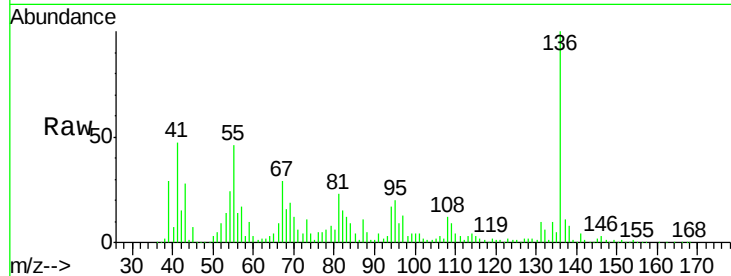
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 24.5 5.0 7.4#

68 16.2 4.4 6.6#

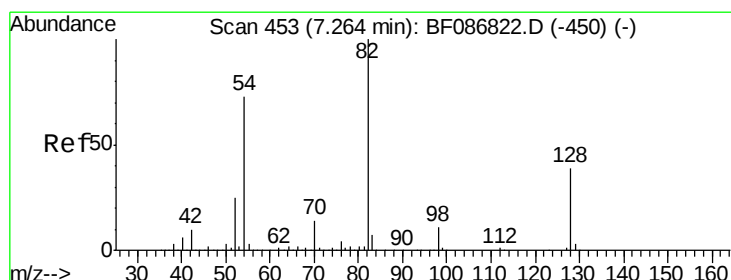
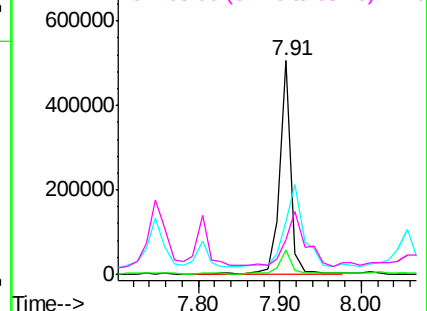
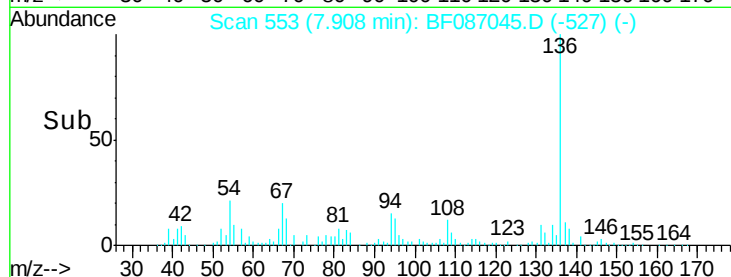


Abundance Ion 136.00 (135.70 to 136.70): E

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: 101.20 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF087045.D

Acq: 15 May 2016 3:27

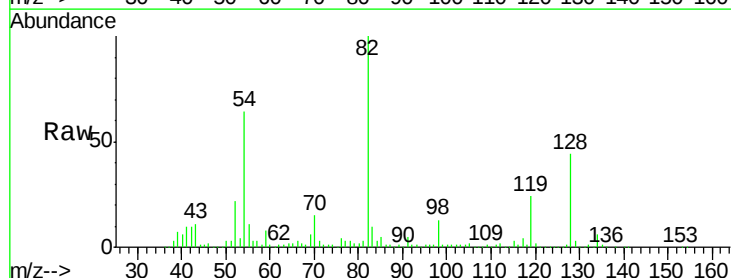
Tgt Ion: 82 Resp: 984369

Ion Ratio Lower Upper

82 100

128 44.0 40.6 61.0

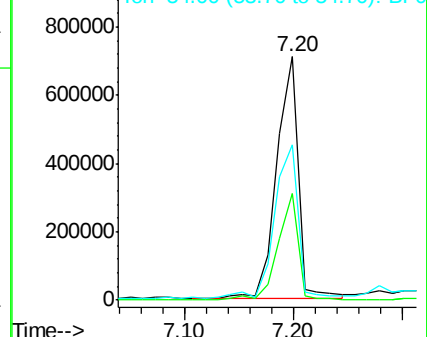
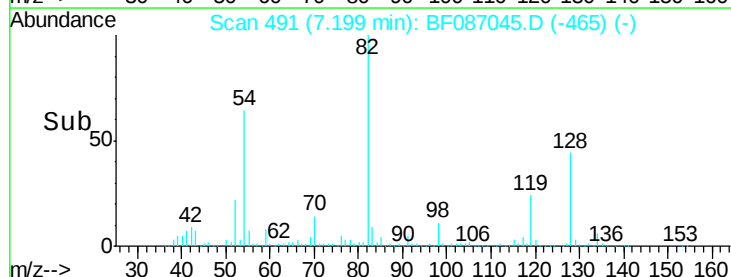
54 63.7 38.1 57.1#

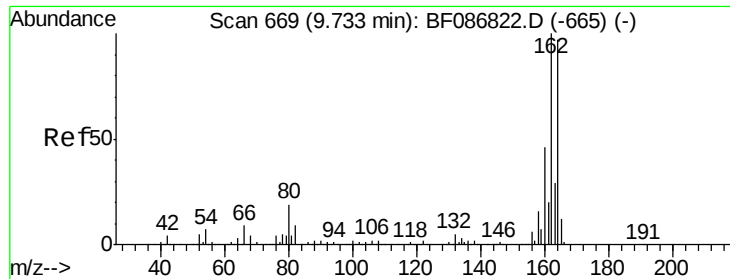


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF087045.D

Acq: 15 May 2016 3:27

Instrument :

BNA_F

ClientSampleId :

MW-19

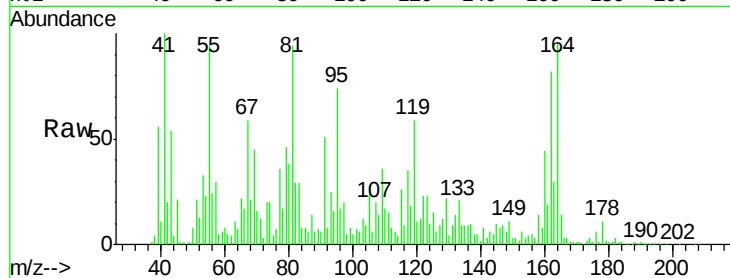
Tgt Ion:164 Resp: 160137

Ion Ratio Lower Upper

164 100

162 86.7 82.8 124.2

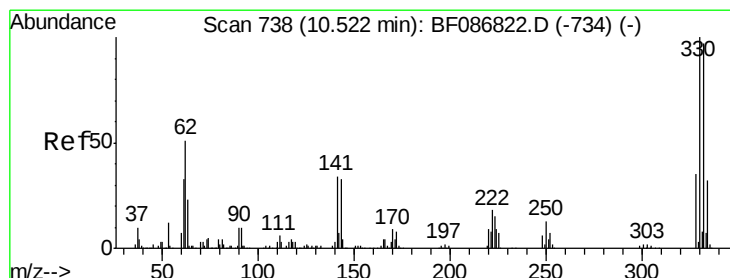
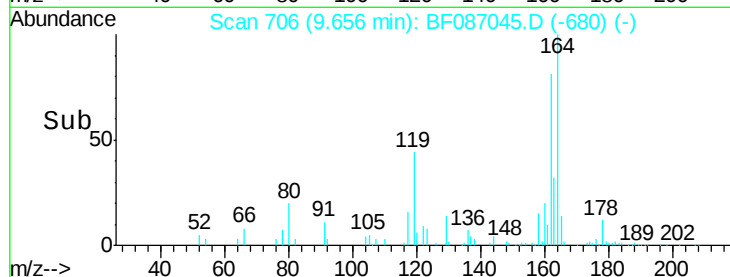
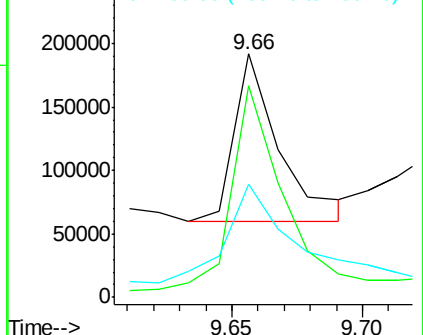
160 46.5 36.9 55.3



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: 182.10 ng

RT: 10.47 min Scan# 777

Delta R.T. 0.02 min

Lab File: BF087045.D

Acq: 15 May 2016 3:27

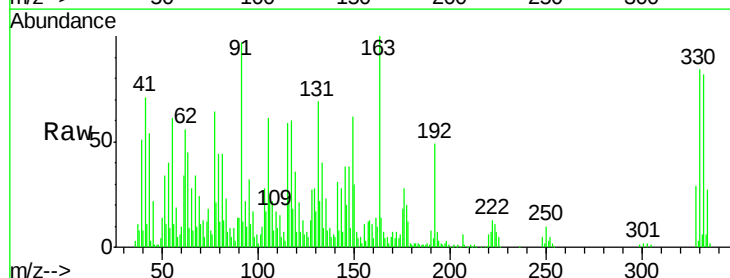
Tgt Ion:330 Resp: 308715

Ion Ratio Lower Upper

330 100

332 96.1 79.0 118.4

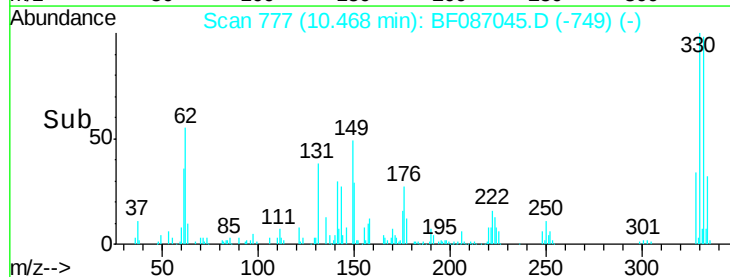
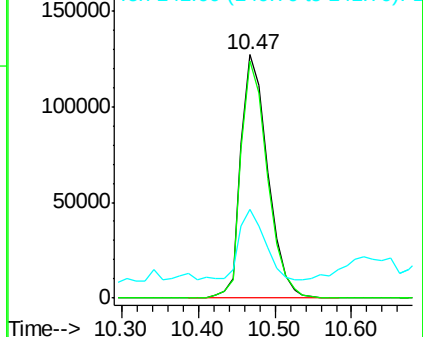
141 27.0 31.2 46.8#

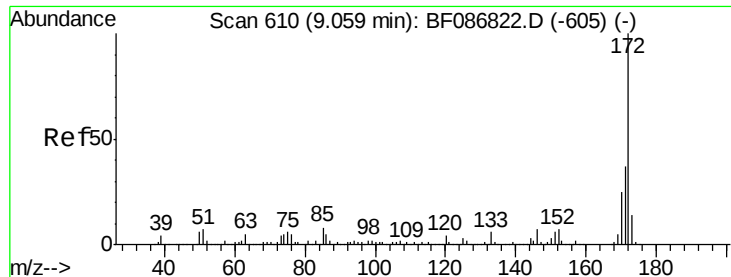


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 126.30 ng

RT: 8.99 min Scan# 648

Delta R.T. 0.01 min

Lab File: BF087045.D

Acq: 15 May 2016 3:27

Instrument :

BNA_F

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MW-19

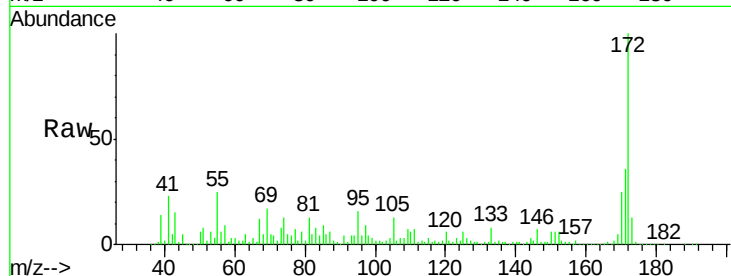
Tgt Ion:172 Resp: 1203373

Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.6

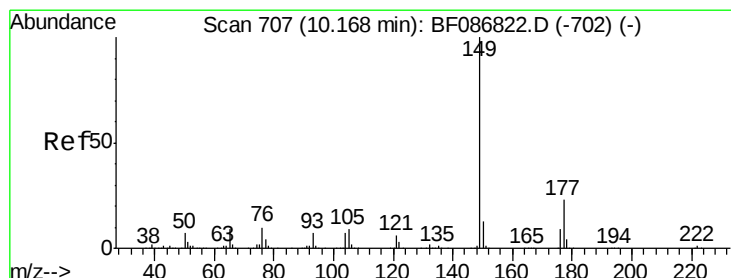
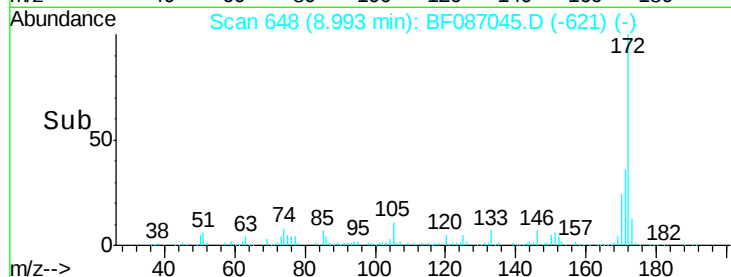
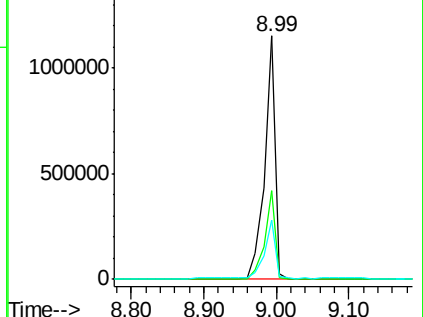
170 24.6 19.8 29.8



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



#59

Diethylphthalate

Concen: 118.44 ng

RT: 9.98 min Scan# 734

Delta R.T. -0.11 min

Lab File: BF087045.D

Acq: 15 May 2016 3:27

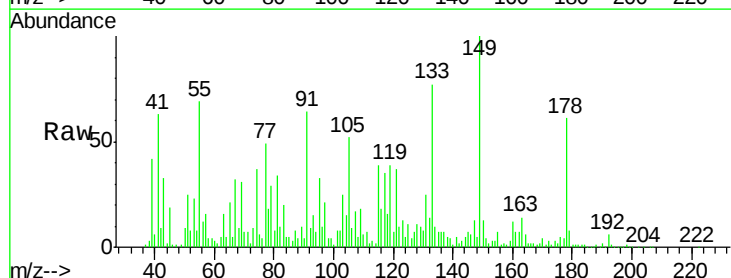
Tgt Ion:149 Resp: 1410054

Ion Ratio Lower Upper

149 100

177 3.5 16.6 24.8#

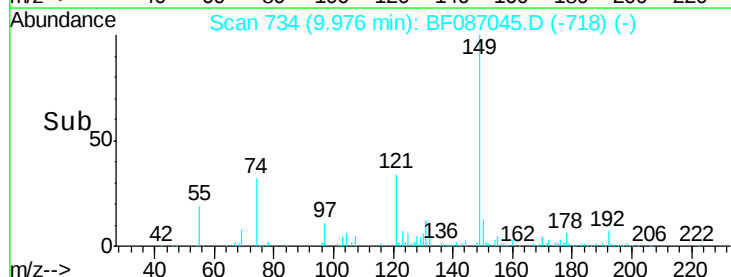
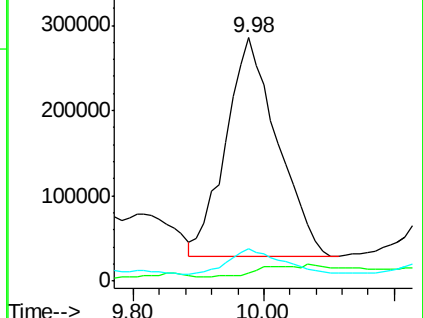
150 13.4 10.0 15.0

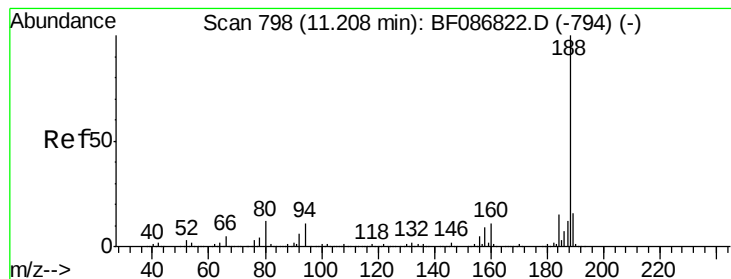


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.14 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF087045.D

Acq: 15 May 2016 3:27

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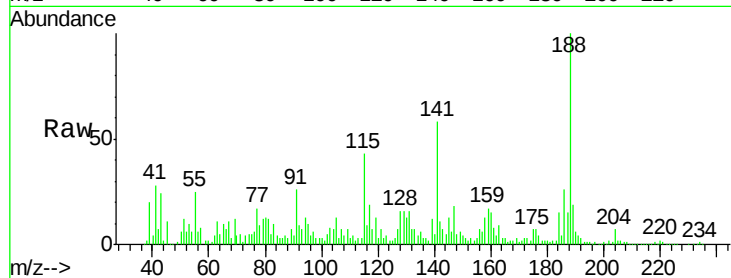
Tgt Ion:188 Resp: 363850

Ion Ratio Lower Upper

188 100

94 12.5 6.8 10.2#

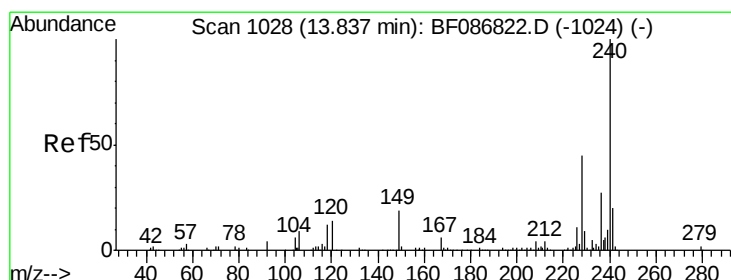
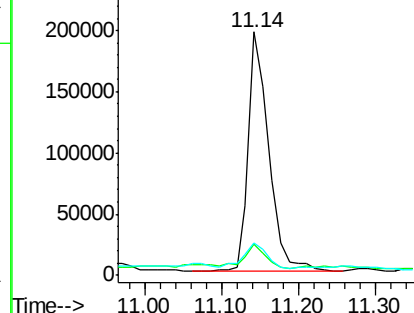
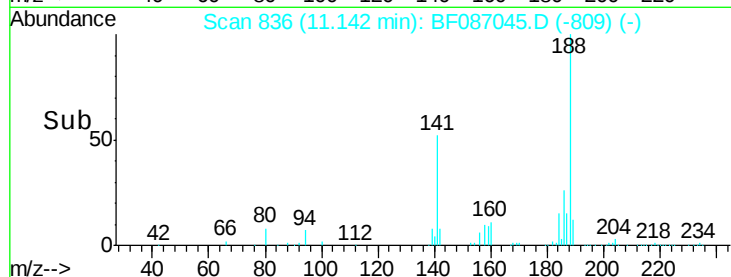
80 13.3 7.1 10.7#



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: 13.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF087045.D

Acq: 15 May 2016 3:27

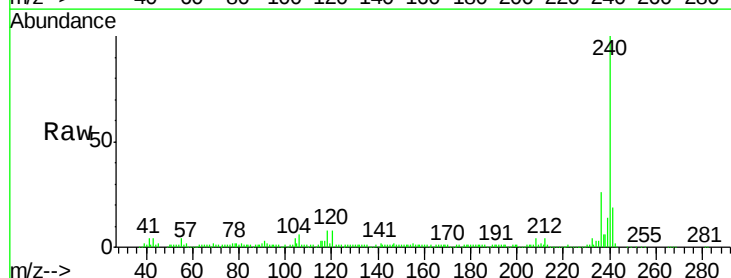
Tgt Ion:240 Resp: 278699

Ion Ratio Lower Upper

240 100

120 7.9 11.2 16.8#

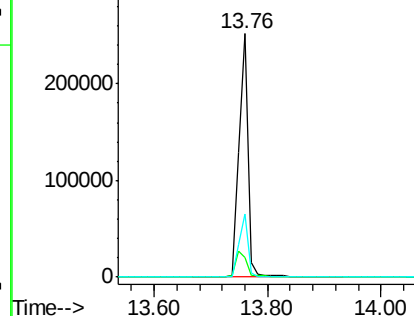
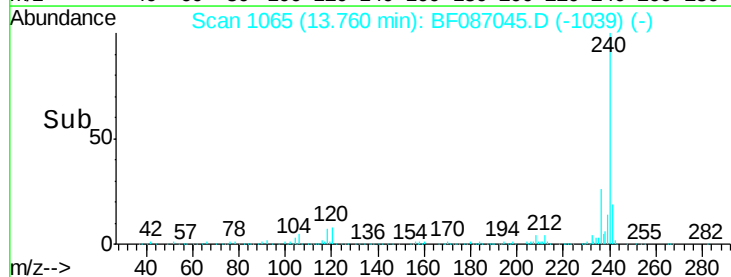
236 25.8 21.2 31.8

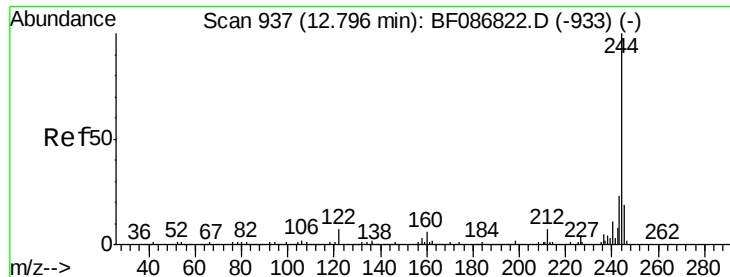


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 64.22 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF087045.D

Acq: 15 May 2016 3:27

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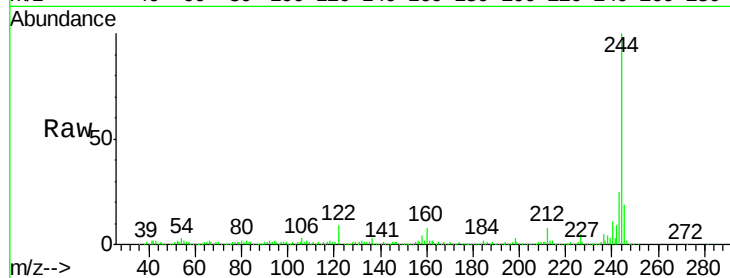
Tgt Ion:244 Resp: 843591

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

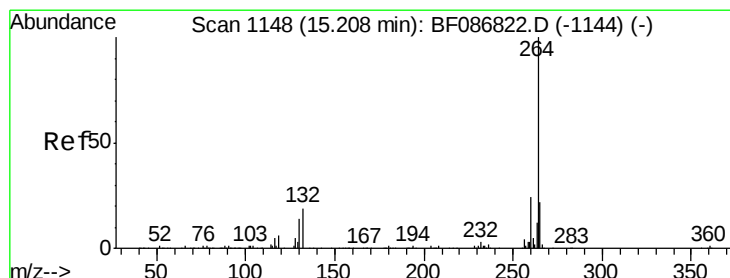
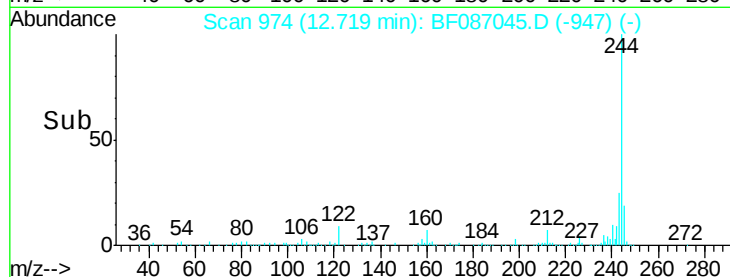
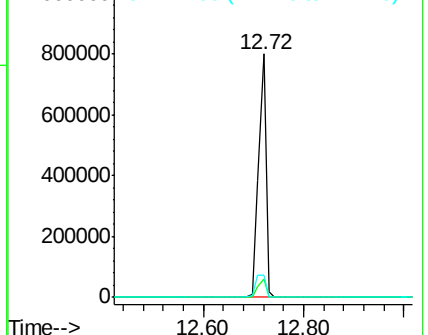
122 9.0 12.0 18.0#



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: BF087045.D

Acq: 15 May 2016 3:27

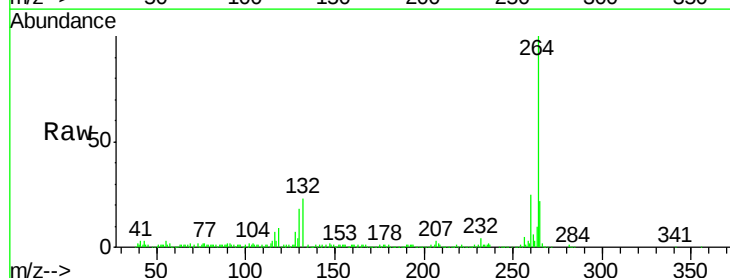
Tgt Ion:264 Resp: 295889

Ion Ratio Lower Upper

264 100

260 24.9 19.5 29.3

265 21.5 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

