

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
 Data File : BF086998.D
 Acq On : 14 May 2016 4:38
 Operator : UM/SJ
 Sample : H2966-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-31

Quant Time: May 14 05:26:57 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 23:02:21 2016
 Response via : Initial Calibration

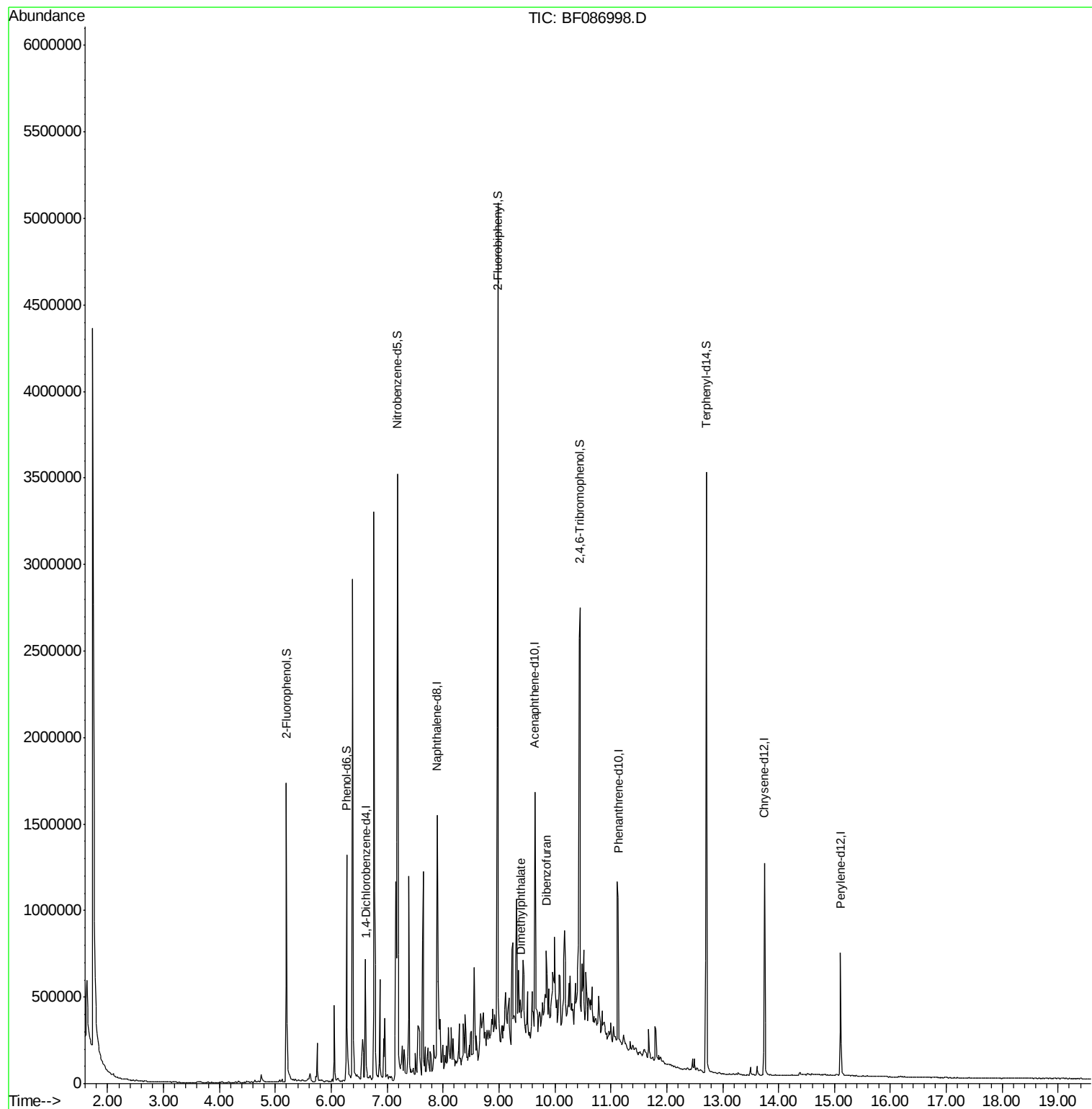
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	136146	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	536049	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	259361	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	496092	20.00	ng	0.00
75) Chrysene-d12	13.75	240	404623	20.00	ng	-0.01
86) Perylene-d12	15.11	264	298869	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	508127	63.21	ng	0.00
7) Phenol-d6	6.27	99	422387	39.31	ng	-0.01
23) Nitrobenzene-d5	7.19	82	955081	89.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	453536	165.18	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1516411	98.26	ng	0.00
78) Terphenyl-d14	12.71	244	1467945	76.97	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.38	163	40897	2.07	ng	# 92
54) Dibenzofuran	9.85	168	40583	2.14	ng	# 90

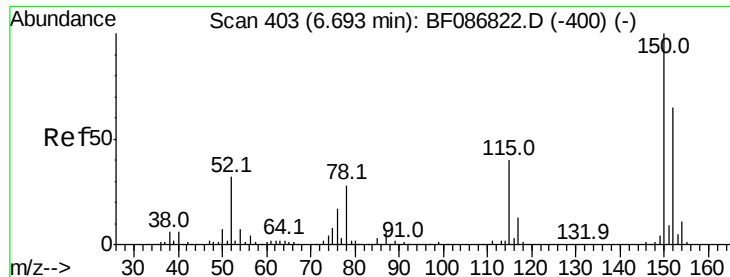
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 13 23:02:21 2016
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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: BF086998.D

Acq: 14 May 2016 4:38

Instrument :

BNA_F

ClientSampled :

MW-31

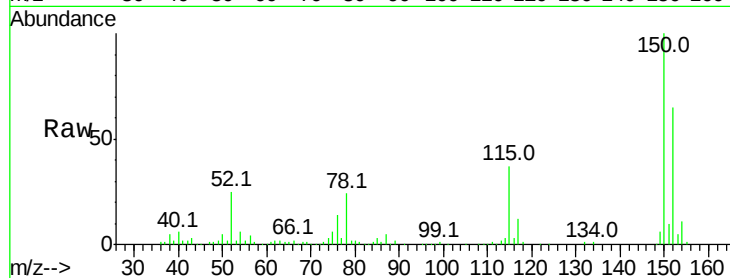
Tot Ion:152 Resp: 136146

Ion Ratio Lower Upper

152 100

150 153.5 125.8 188.6

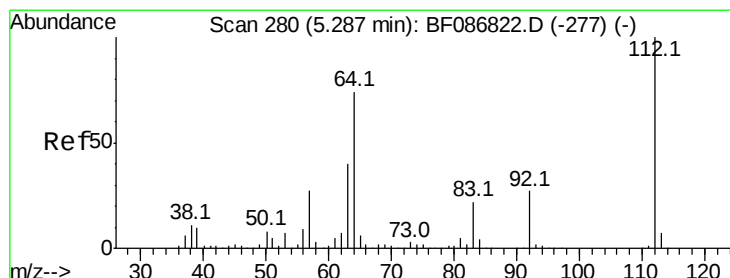
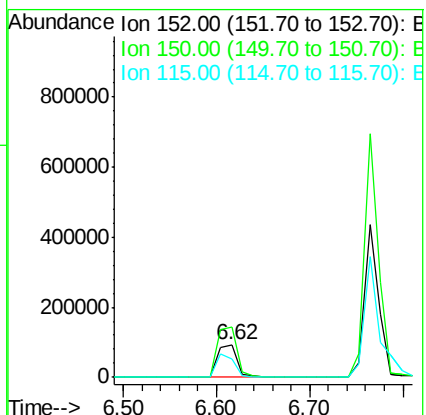
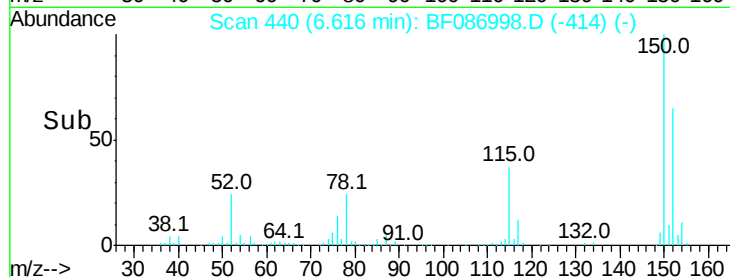
115 56.6 51.5 77.3



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: 63.21 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.00 min

Lab File: BF086998.D

Acq: 14 May 2016 4:38

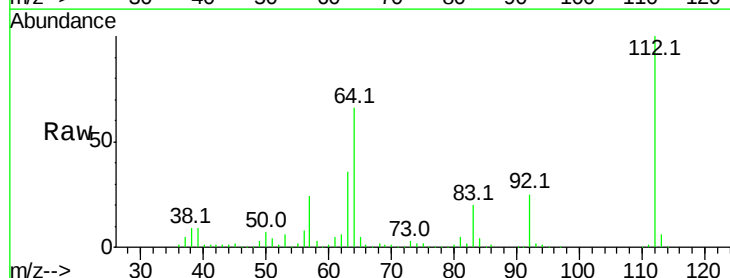
Tgt Ion:112 Resp: 508127

Ion Ratio Lower Upper

112 100

64 65.8 52.1 78.1

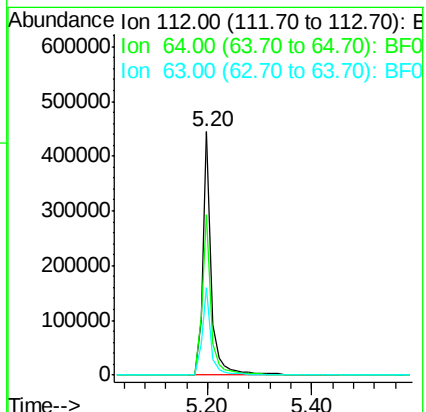
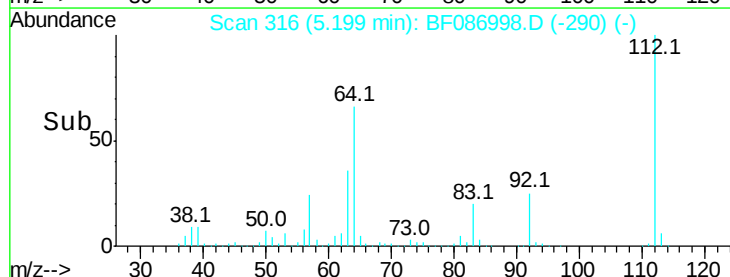
63 35.8 25.7 38.5

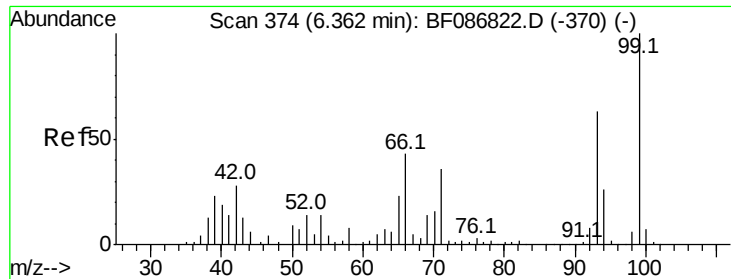


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.31 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF086998.D

Acq: 14 May 2016 4:38

Instrument :

BNA_F

ClientSampled :

MW-31

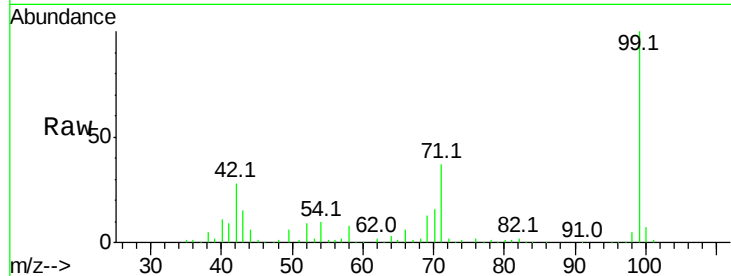
Tot Ion: 99 Resp: 422387

Ion Ratio Lower Upper

99 100

42 28.2 13.6 20.4#

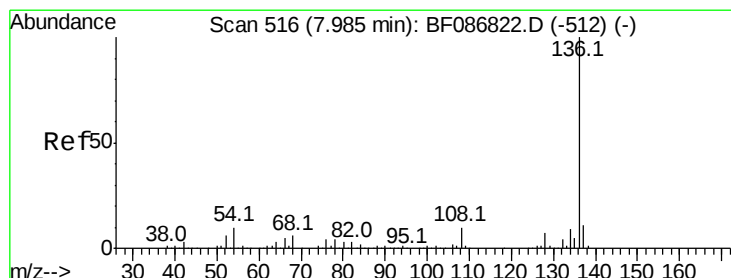
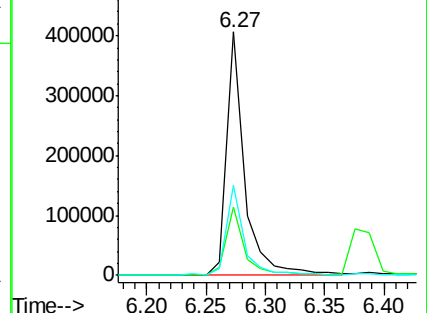
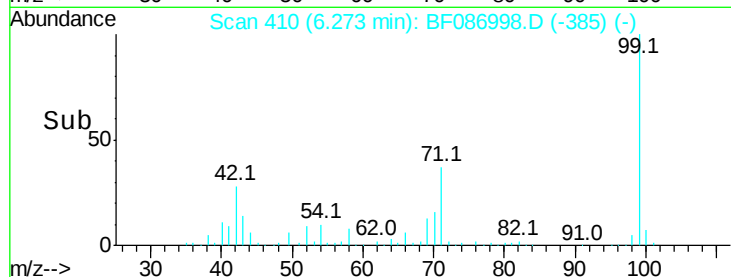
71 36.8 24.6 36.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF086998.D

Acq: 14 May 2016 4:38

Tgt Ion: 136 Resp: 536049

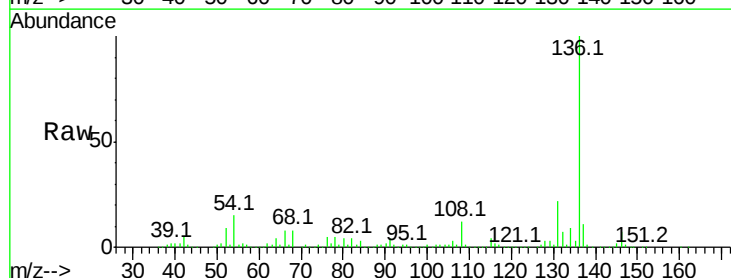
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 14.6 5.0 7.4#

68 7.5 4.4 6.6#

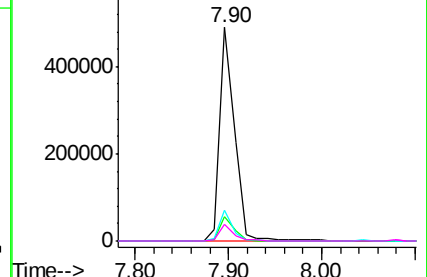
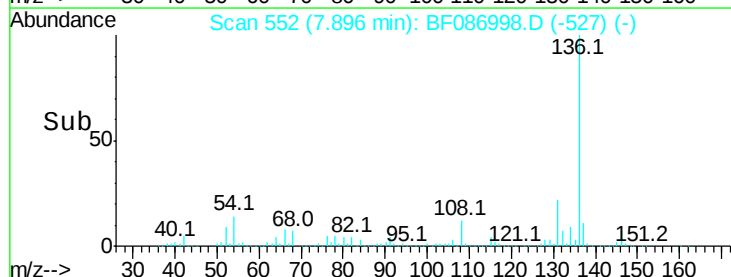


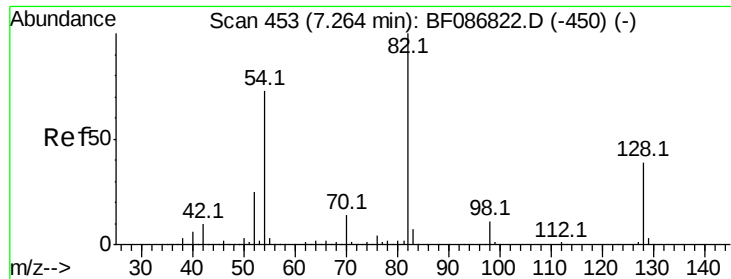
Abundance Ion 136.00 (135.70 to 136.70): E

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

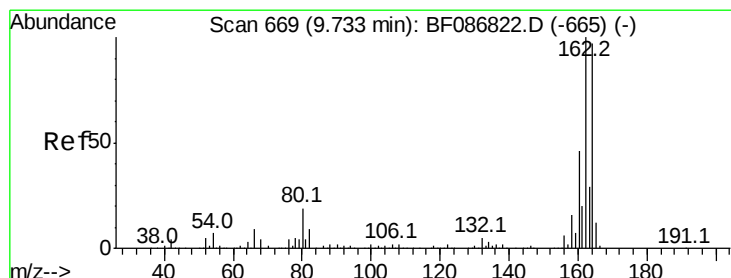
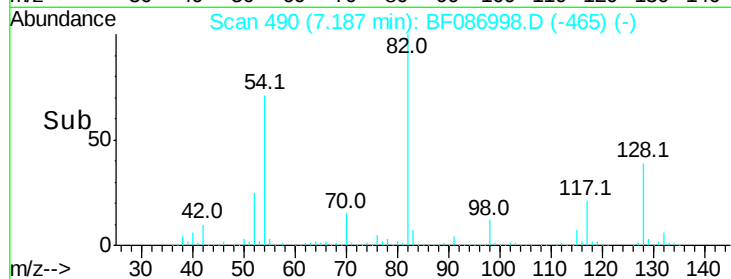
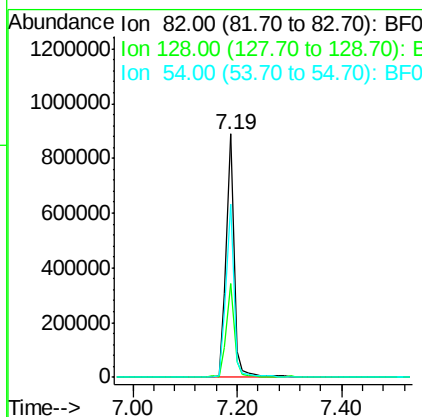
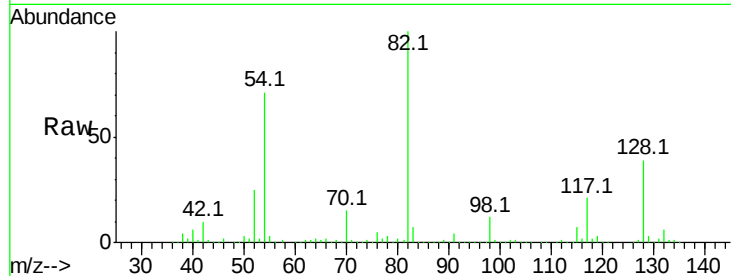




#23
 Nitrobenzene-d5
 Concen: 89.46 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF086998.D
 Acq: 14 May 2016 4:38

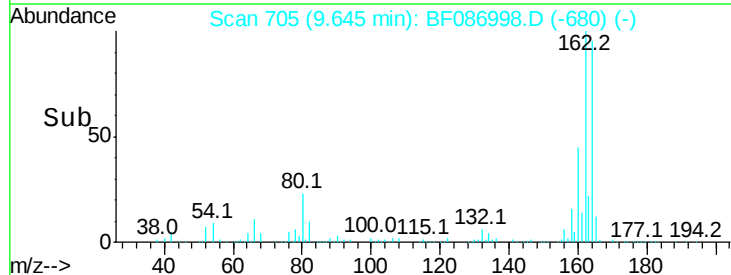
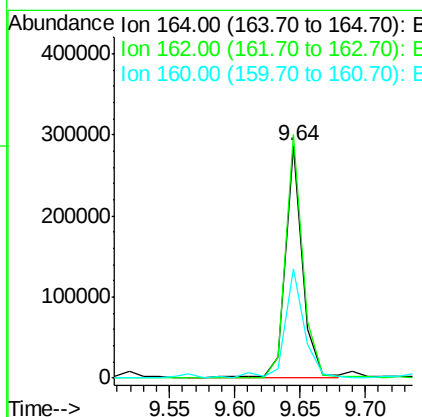
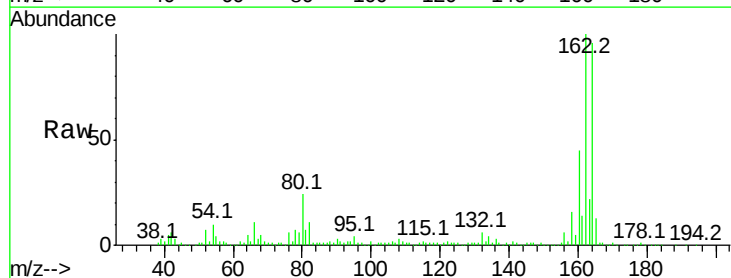
Instrument :
 BNA_F
 ClientSampleId :
 MW-31

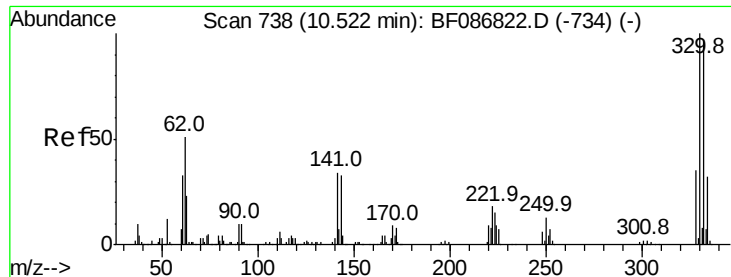
Tot Ion: 82 Resp: 955081
 Ion Ratio Lower Upper
 82 100
 128 38.7 40.6 61.0#
 54 71.4 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF086998.D
 Acq: 14 May 2016 4:38

Tgt Ion:164 Resp: 259361
 Ion Ratio Lower Upper
 164 100
 162 104.7 82.8 124.2
 160 47.1 36.9 55.3

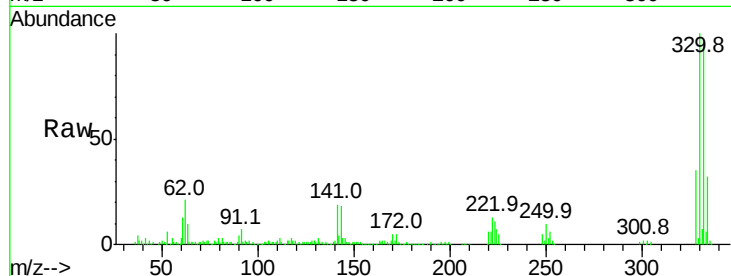




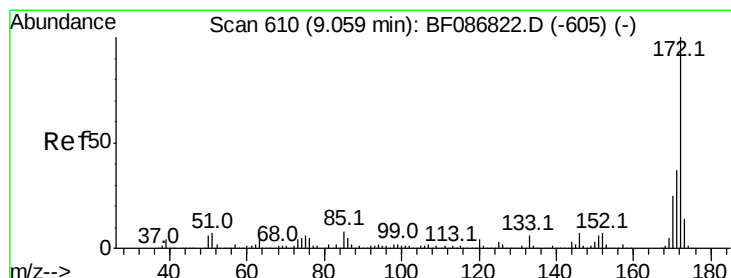
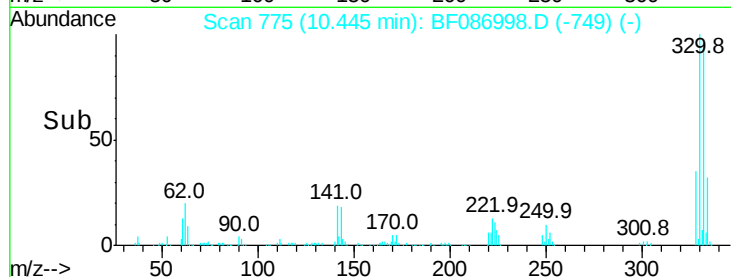
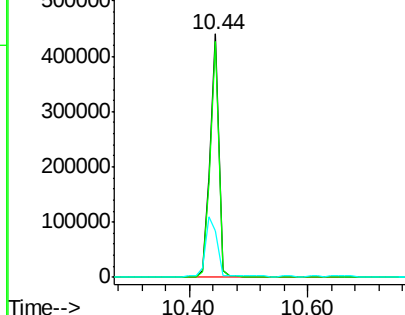
#41
 2,4,6-Tribromophenol
 Concen: 165.18 ng
 RT: 10.44 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF086998.D
 Acq: 14 May 2016 4:38

Instrument :
 BNA_F
 ClientSampleID :
 MW-31

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	79.0	118.4
141	32.5	31.2	46.8

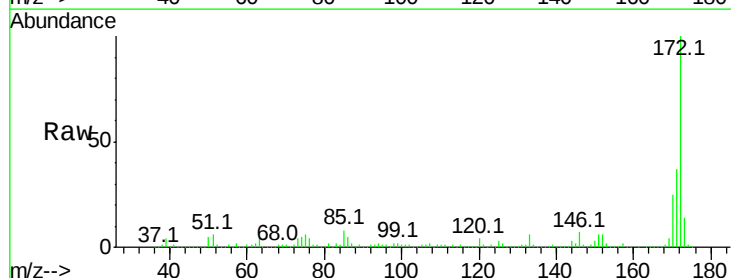


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

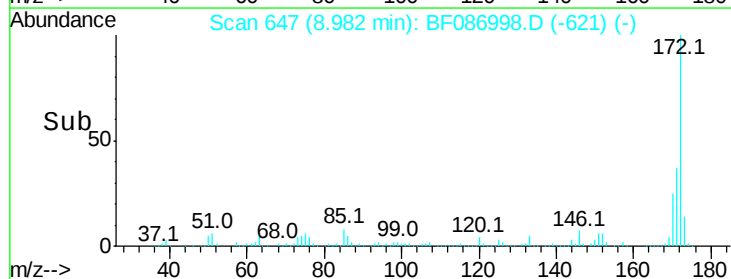
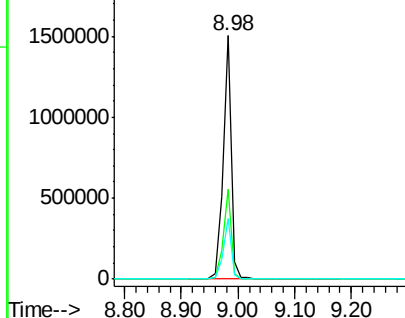


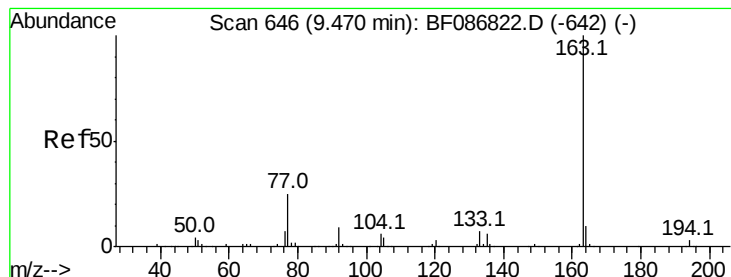
#44
 2-Fluorobiphenyl
 Concen: 98.26 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF086998.D
 Acq: 14 May 2016 4:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.0	43.6
170	24.8	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





#49

Dimethylphthalate

Concen: 2.07 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF086998.D

Acq: 14 May 2016 4:38

Instrument :

BNA_F

ClientSampleId :

MW-31

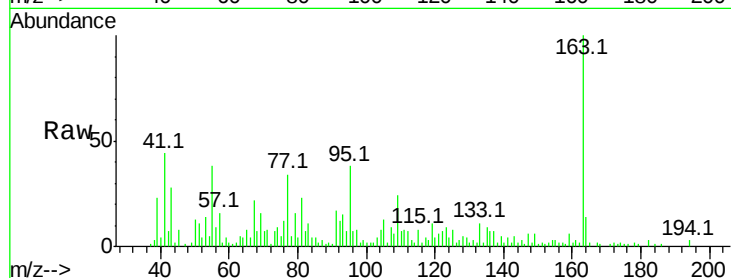
Tot Ion:163 Resp: 40897

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

164 14.2 8.2 12.4#

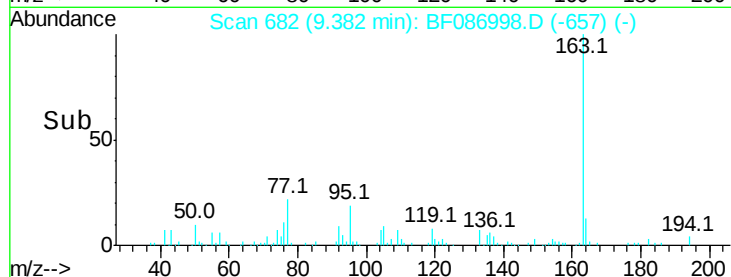


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->



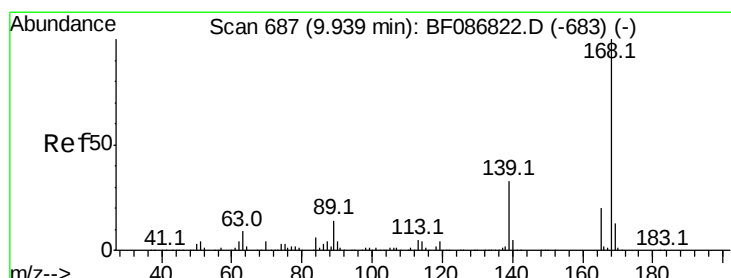
Abundance

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

Time-->



#54

Dibenzofuran

Concen: 2.14 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF086998.D

Acq: 14 May 2016 4:38

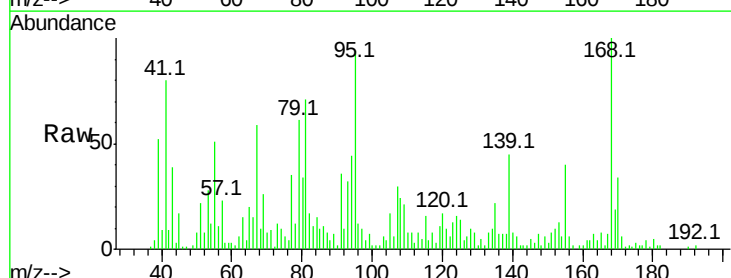
Tgt Ion:168 Resp: 40583

Ion Ratio Lower Upper

168 100

139 44.5 31.4 47.0

169 19.2 10.7 16.1#

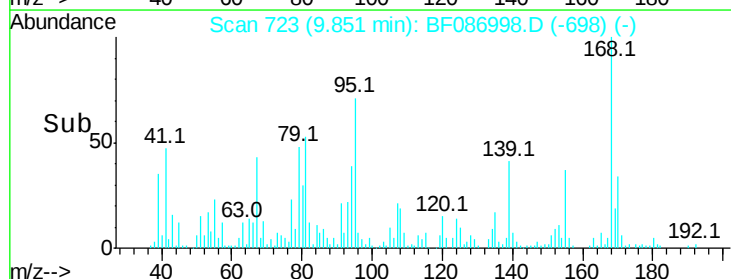


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

Time-->



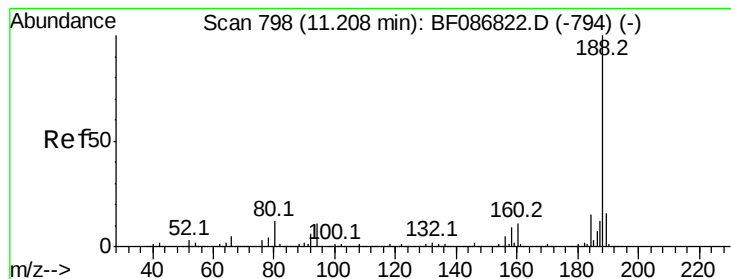
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.13 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF086998.D

Acq: 14 May 2016 4:38

Instrument :

BNA_F

ClientSampleId :

MW-31

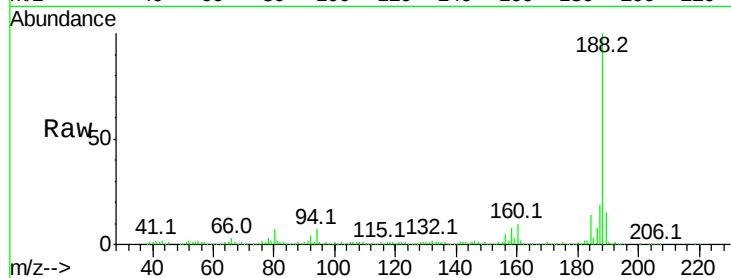
Tot Ion:188 Resp: 496092

Ion Ratio Lower Upper

188 100

94 6.6 6.8 10.2#

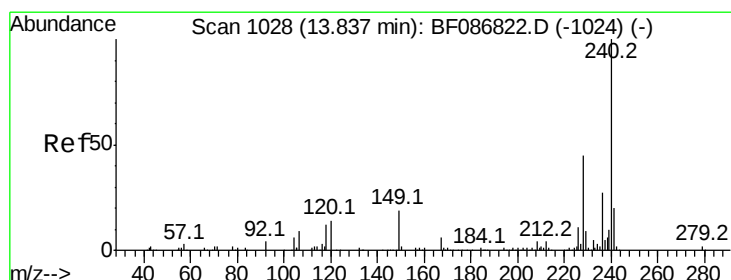
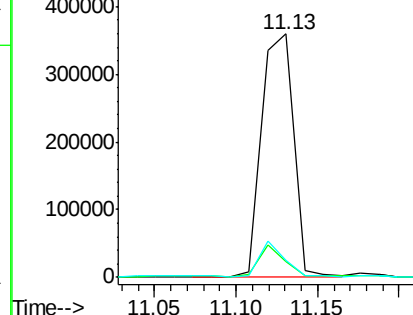
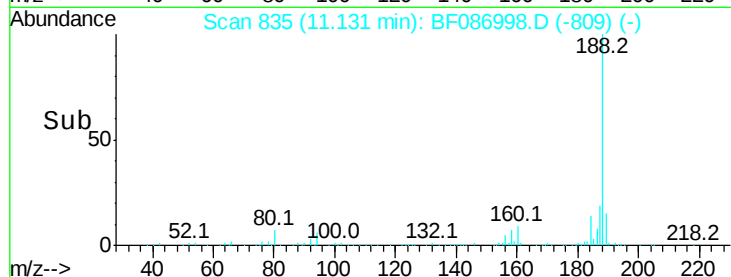
80 7.0 7.1 10.7#



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: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF086998.D

Acq: 14 May 2016 4:38

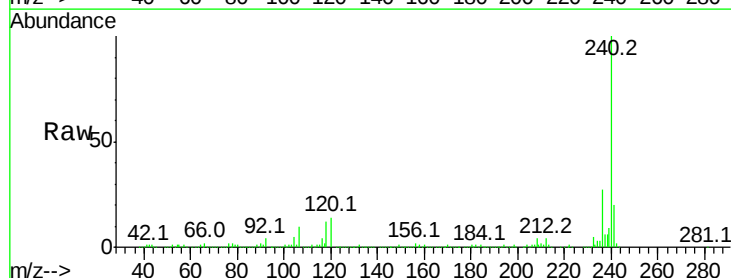
Tgt Ion:240 Resp: 404623

Ion Ratio Lower Upper

240 100

120 13.5 11.2 16.8

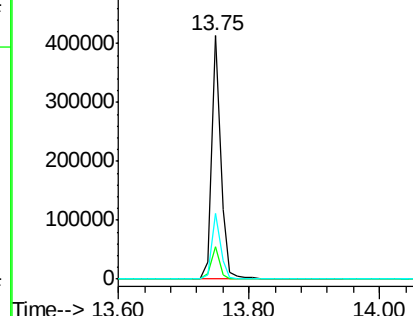
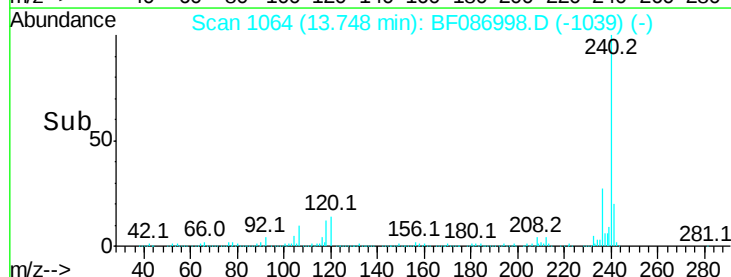
236 26.8 21.2 31.8

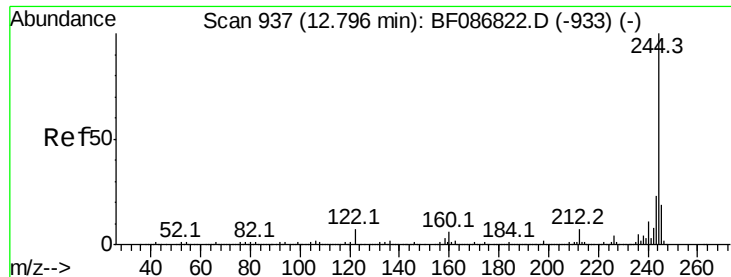


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

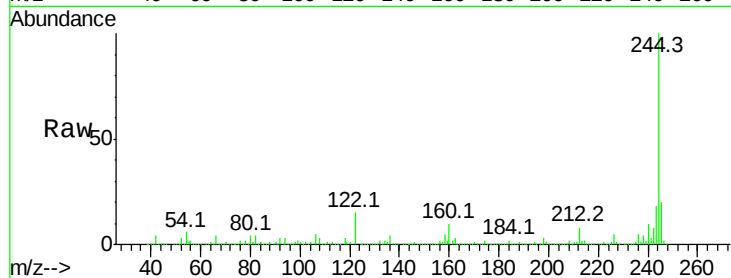




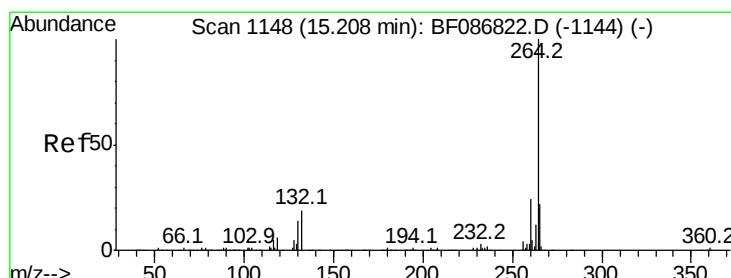
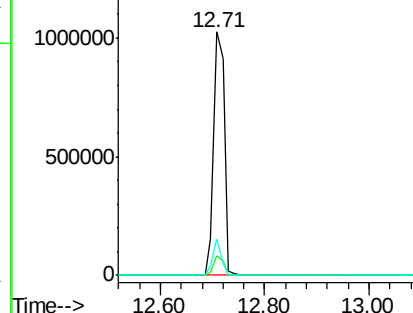
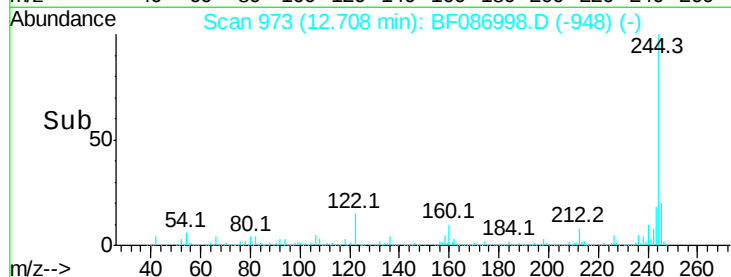
#78
 Terphenyl-d14
 Concen: 76.97 ng
 RT: 12.71 min Scan# 973
 Delta R.T. -0.01 min
 Lab File: BF086998.D
 Acq: 14 May 2016 4:38

Instrument :
 BNA_F
 ClientSampleId :
 MW-31

Tot Ion:244 Resp: 1467945
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.2 9.2
 122 15.1 12.0 18.0

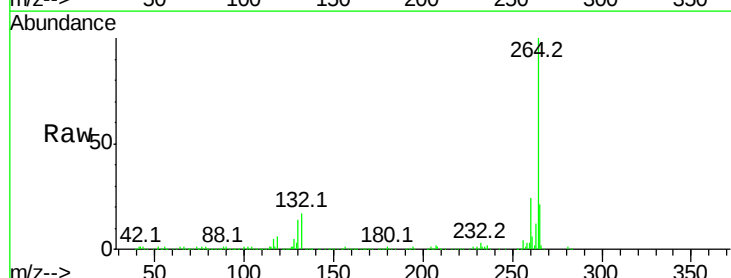


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF086998.D
 Acq: 14 May 2016 4:38

Tgt Ion:264 Resp: 298869
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 21.3 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

