

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121115\
 Data File : BG020089.D
 Acq On : 11 Dec 2015 00:51
 Operator : UM/SJ
 Sample : G4676-08DL 125X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-11CDL

Quant Time: Dec 11 04:50:16 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

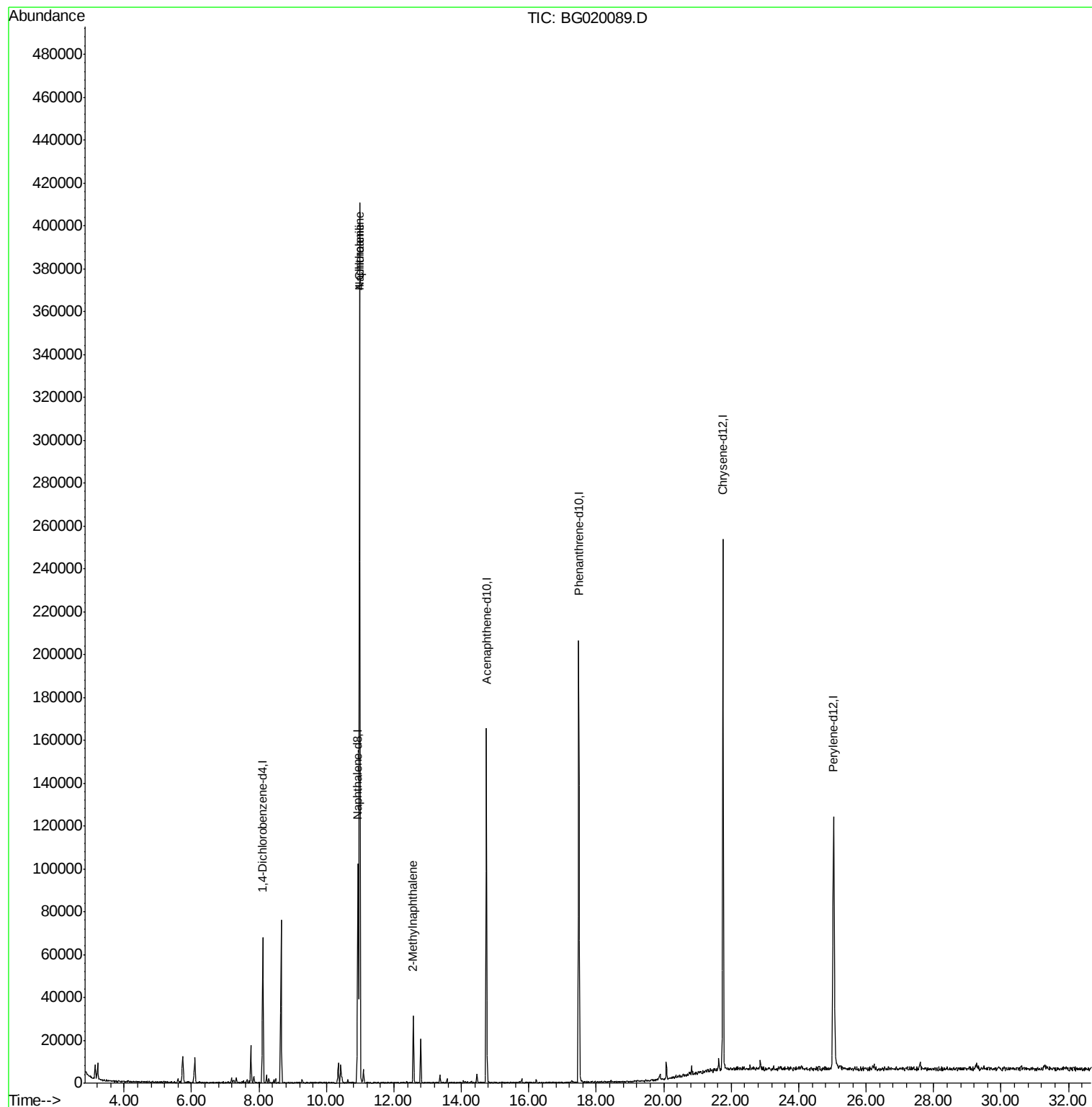
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	18960	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	86556	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	57186	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	135647	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	164662	20.00	ng	-0.04
86) Perylene-d12	25.03	264	145526	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	399	0.38	ng	-0.01
7) Phenol-d6	7.27	99	423	0.27	ng	0.00
23) Nitrobenzene-d5	9.28	82	1126	0.66	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	626	0.72	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	2844	0.68	ng	-0.02
78) Terphenyl-d14	20.08	244	5134	0.76	ng	-0.03
Target Compounds						
31) Naphthalene	10.98	128	348424	75.14	ng	Qvalue 99
33) 4-Chloroaniline	10.98	127	47448	23.22	ng	# 36
37) 2-Methylnaphthalene	12.57	142	15447	4.55	ng	94

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

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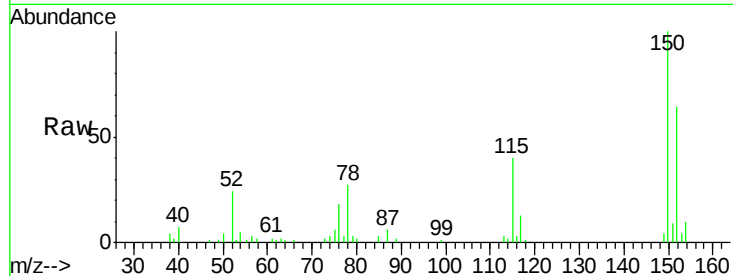


#1

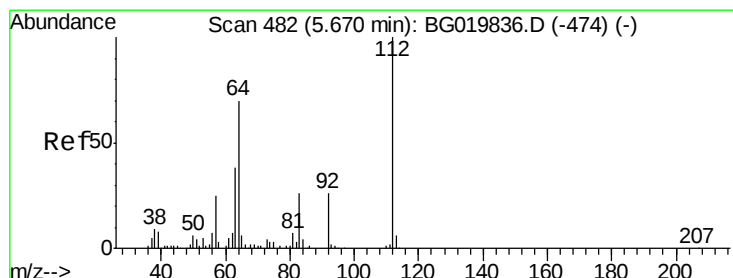
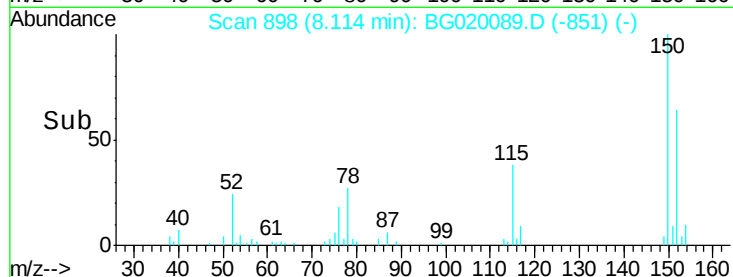
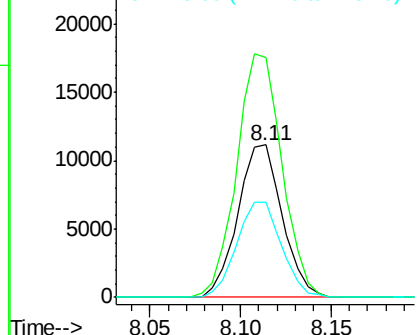
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG020089.D
Acq: 11 Dec 2015 00:51

Instrument :
BNA_G
ClientSampleId :
MW-11CDL

Tgt Ion:152 Resp: 18960
Ion Ratio Lower Upper
152 100
150 157.3 115.0 172.4
115 62.4 43.9 65.9



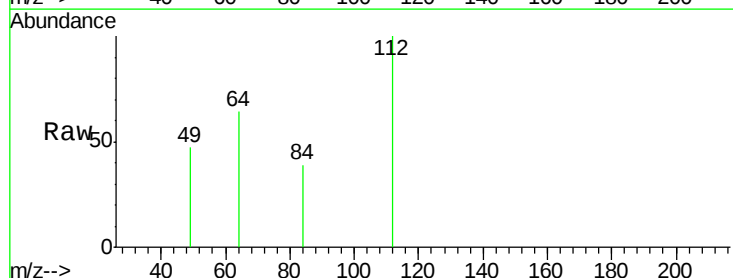
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



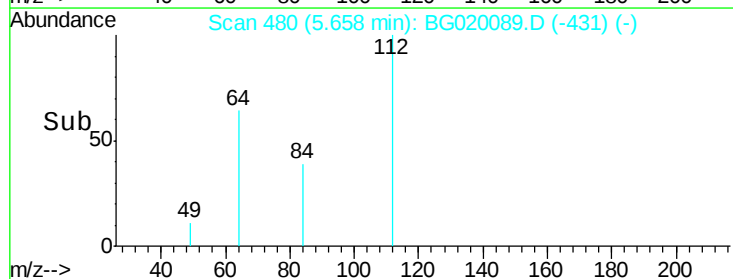
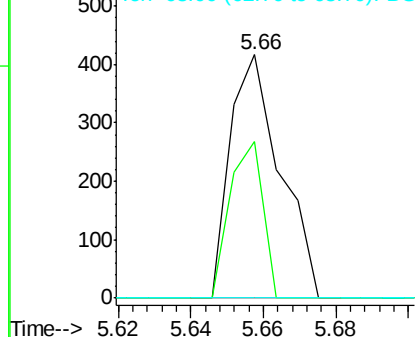
#5

2-Fluorophenol
Concen: 0.38 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG020089.D
Acq: 11 Dec 2015 00:51

Tgt Ion:112 Resp: 399
Ion Ratio Lower Upper
112 100
64 64.0 43.7 65.5
63 0.0 24.0 36.0#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 0.27 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG020089.D

Acq: 11 Dec 2015 00:51

Instrument :

BNA_G

ClientSampleId :

MW-11CDL

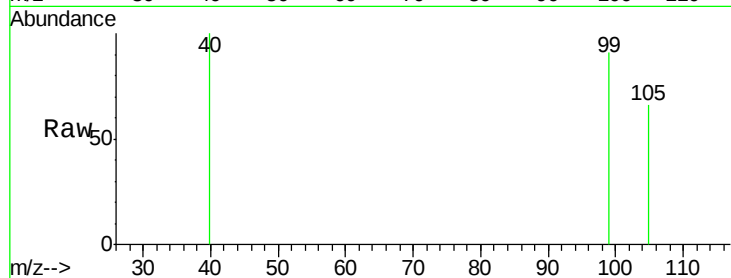
Tgt Ion: 99 Resp: 423

Ion Ratio Lower Upper

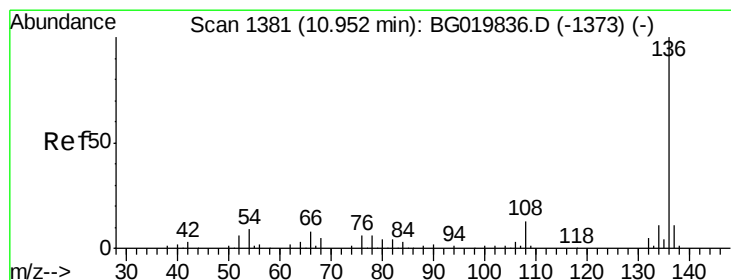
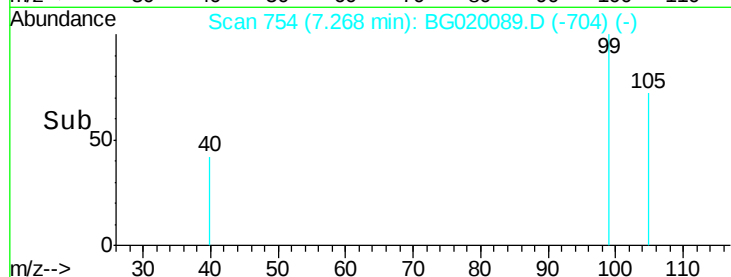
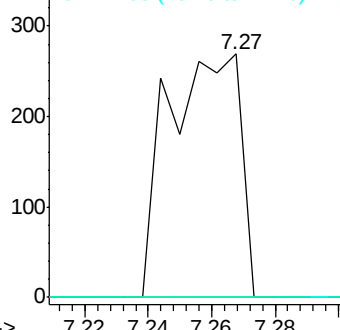
99 100

42 0.0 11.5 17.3#

71 0.0 22.6 34.0#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.93 min Scan# 1377

Delta R.T. -0.02 min

Lab File: BG020089.D

Acq: 11 Dec 2015 00:51

Tgt Ion: 136 Resp: 86556

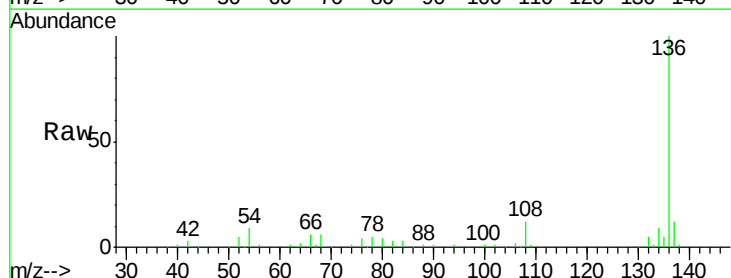
Ion Ratio Lower Upper

136 100

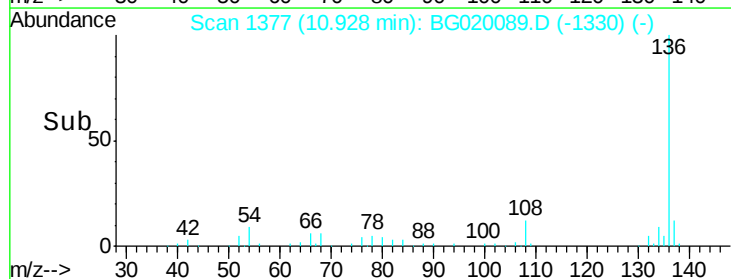
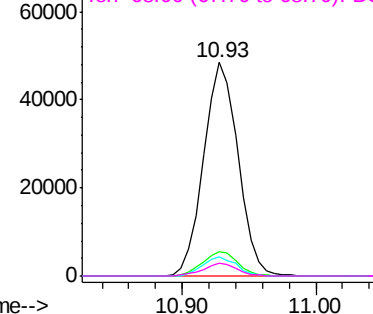
137 11.7 8.6 12.8

54 8.9 5.4 8.2#

68 6.1 5.3 7.9



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

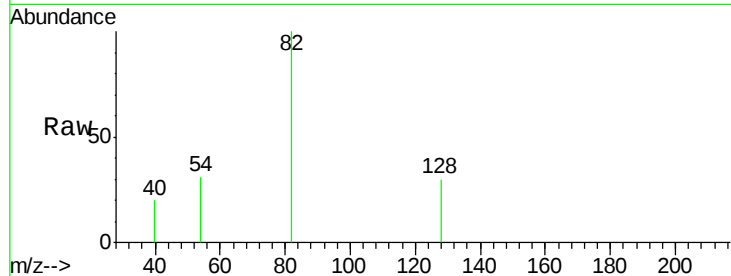




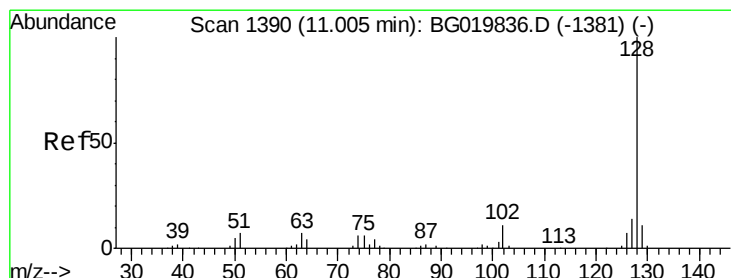
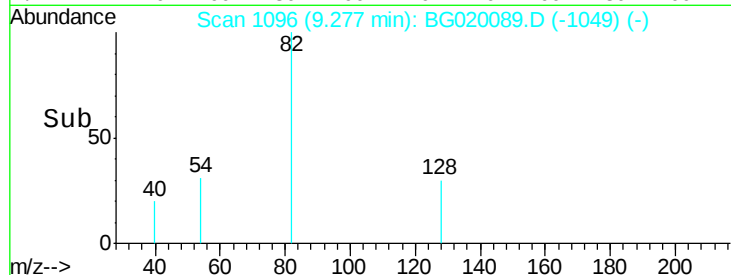
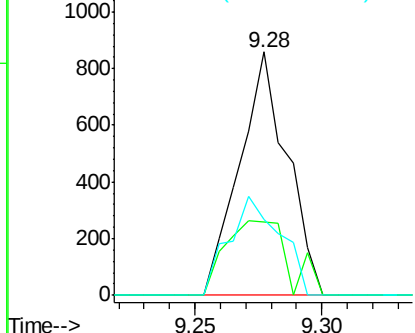
#23
 Nitrobenzene-d5
 Concen: 0.66 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BG020089.D
 Acq: 11 Dec 2015 00:51

Instrument :
 BNA_G
 ClientSampleId :
 MW-11CDL

Tgt Ion: 82 Resp: 1126
 Ion Ratio Lower Upper
 82 100
 128 30.2 36.7 55.1#
 54 31.4 33.8 50.8#

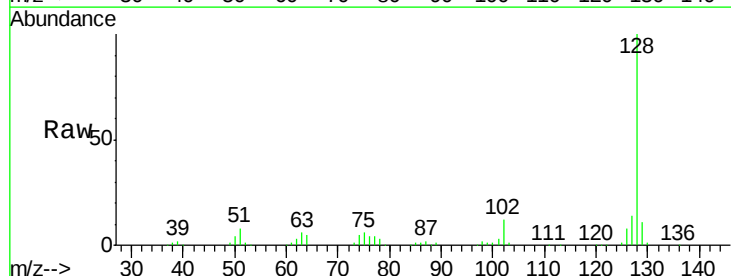


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

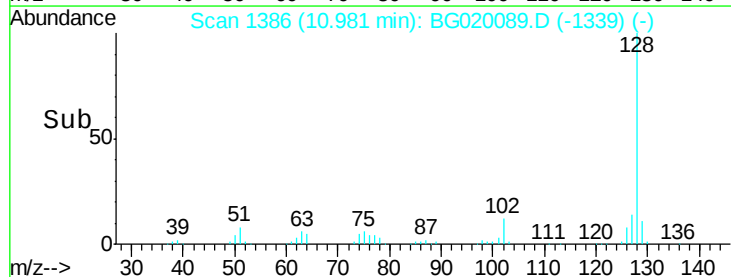
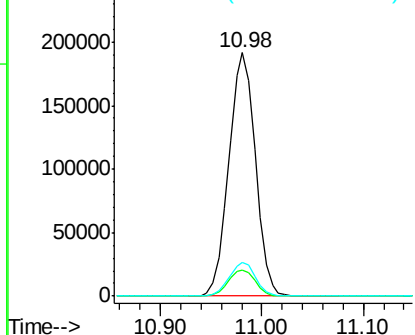


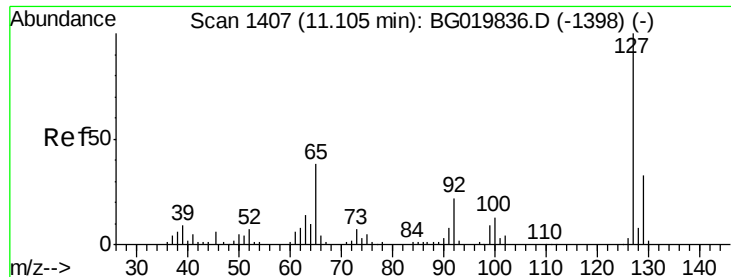
#31
 Naphthalene
 Concen: 75.14 ng
 RT: 10.98 min Scan# 1386
 Delta R.T. -0.02 min
 Lab File: BG020089.D
 Acq: 11 Dec 2015 00:51

Tgt Ion: 128 Resp: 348424
 Ion Ratio Lower Upper
 128 100
 129 10.8 8.5 12.7
 127 13.9 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): BGC
 Ion 129.00 (128.70 to 129.70): BGC
 Ion 127.00 (126.70 to 127.70): BGC

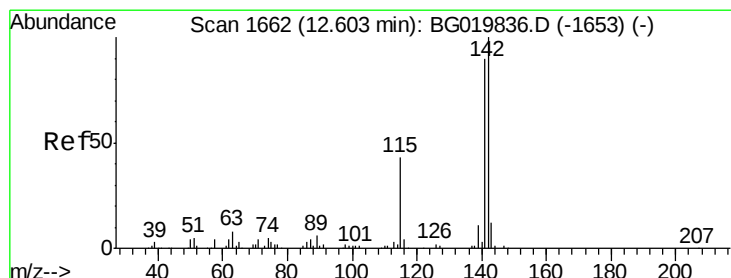
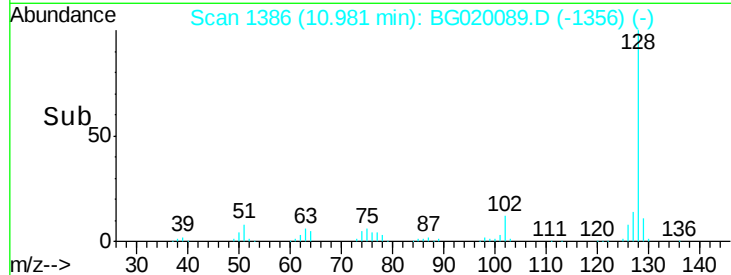
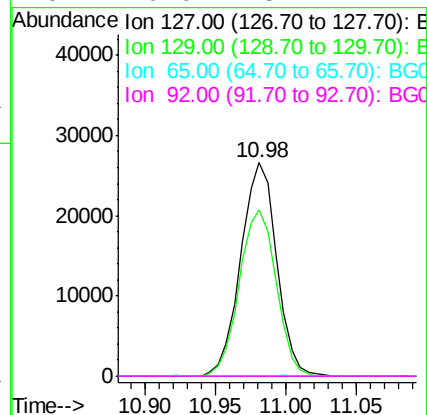
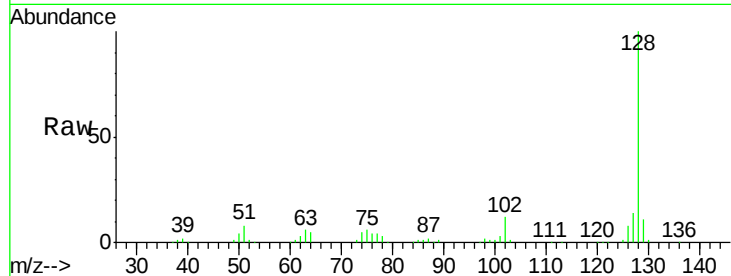




#33
 4-Chloroaniline
 Concen: 23.22 ng
 RT: 10.98 min Scan# 1386
 Delta R.T. -0.12 min
 Lab File: BG020089.D
 Acq: 11 Dec 2015 00:51

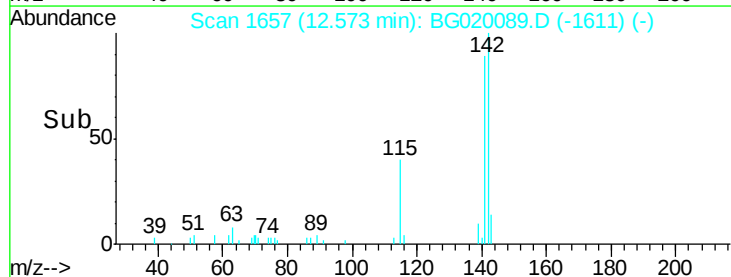
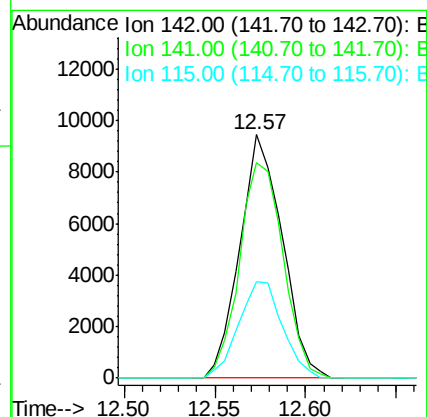
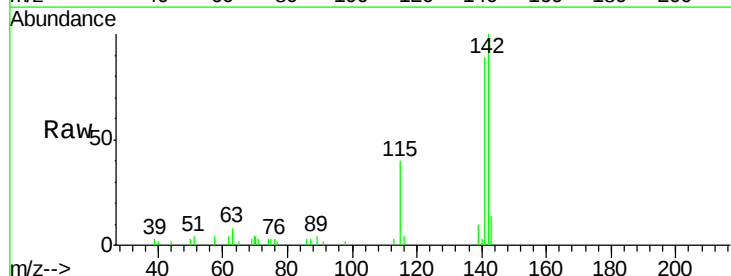
Instrument :
 BNA_G
 ClientSampleId :
 MW-11CDL

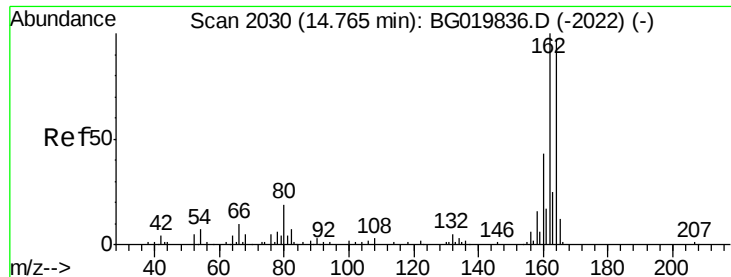
Tgt Ion:127 Resp: 47448
 Ion Ratio Lower Upper
 127 100
 129 78.2 24.6 37.0#
 65 0.0 22.6 33.8#
 92 0.0 15.1 22.7#



#37
 2-Methylnaphthalene
 Concen: 4.55 ng
 RT: 12.57 min Scan# 1657
 Delta R.T. -0.03 min
 Lab File: BG020089.D
 Acq: 11 Dec 2015 00:51

Tgt Ion:142 Resp: 15447
 Ion Ratio Lower Upper
 142 100
 141 88.7 74.6 112.0
 115 39.9 27.4 41.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.74 min Scan# 2026

Delta R.T. -0.02 min

Lab File: BG020089.D

Acq: 11 Dec 2015 00:51

Instrument :

BNA_G

ClientSampleId :

MW-11CDL

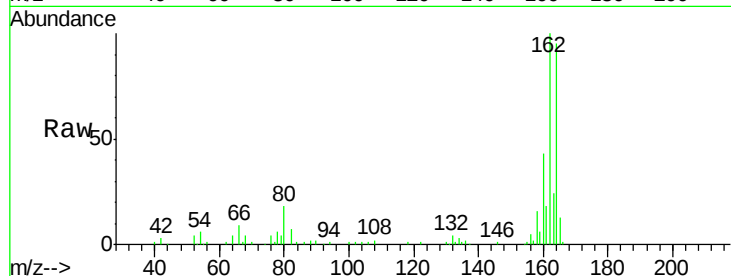
Tgt Ion:164 Resp: 57186

Ion Ratio Lower Upper

164 100

162 105.7 78.8 118.2

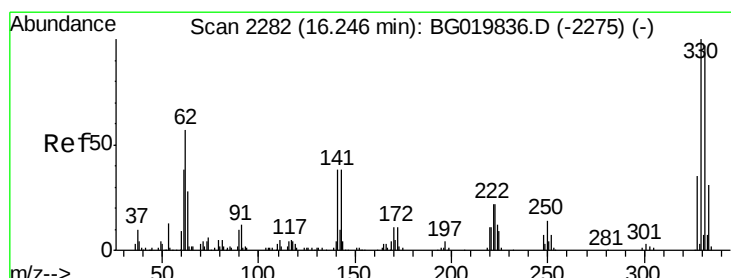
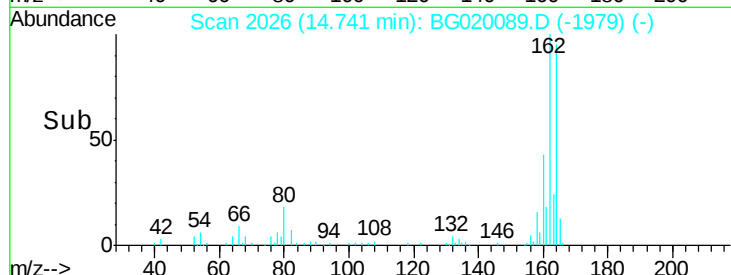
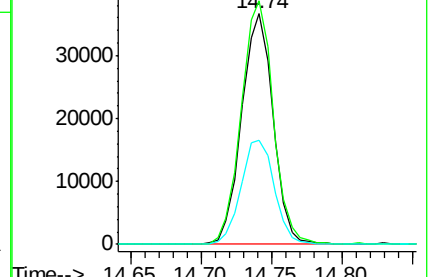
160 45.1 36.4 54.6



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: 0.72 ng

RT: 16.22 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BG020089.D

Acq: 11 Dec 2015 00:51

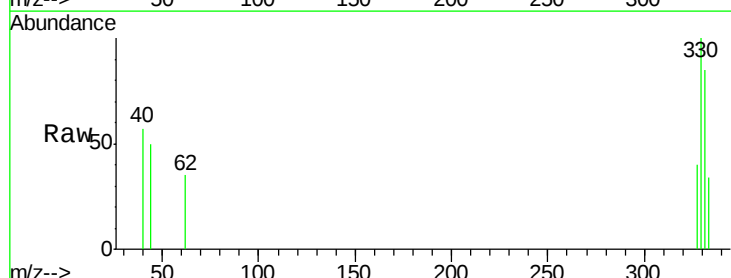
Tgt Ion:330 Resp: 626

Ion Ratio Lower Upper

330 100

332 68.7 78.1 117.1#

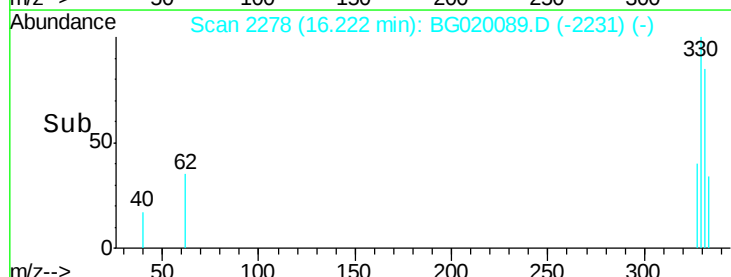
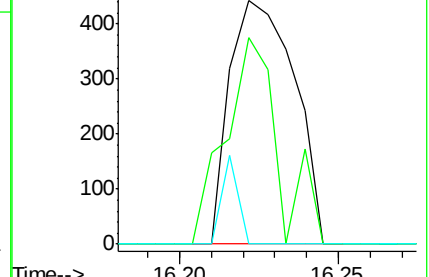
141 9.1 28.2 42.2#

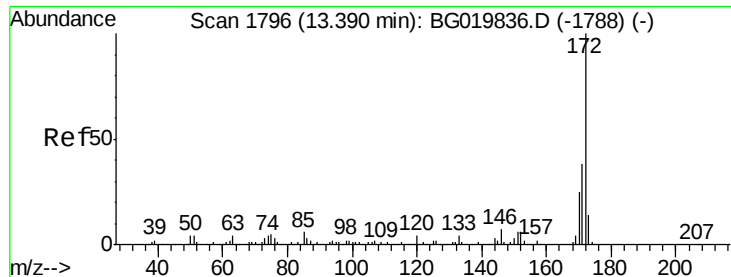


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

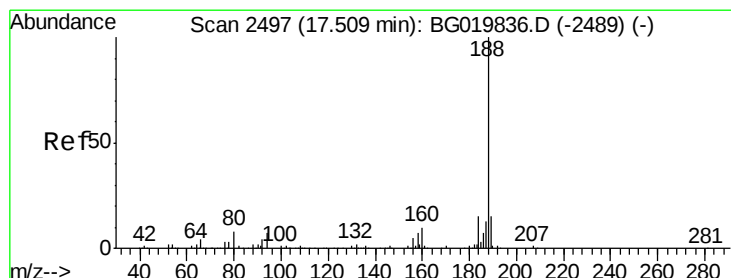
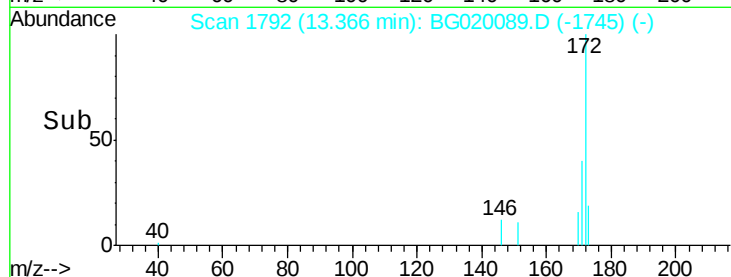
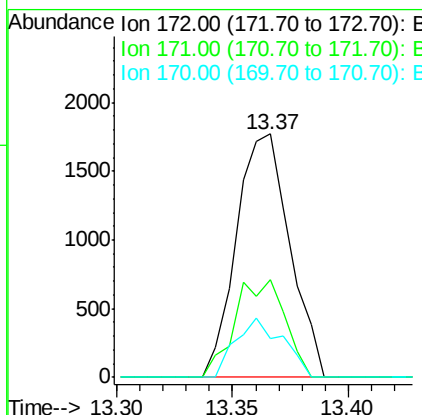
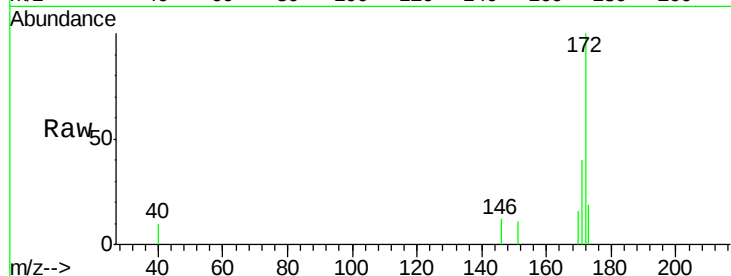




#44
 2-Fluorobiphenyl
 Concen: 0.68 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG020089.D
 Acq: 11 Dec 2015 00:51

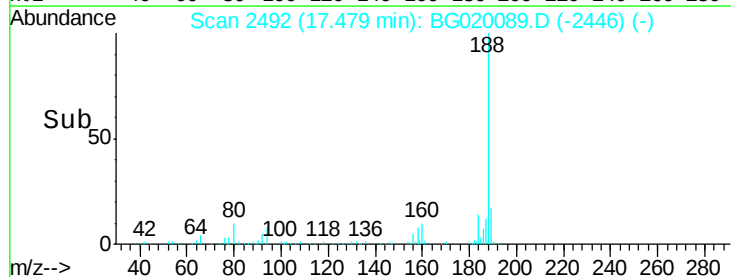
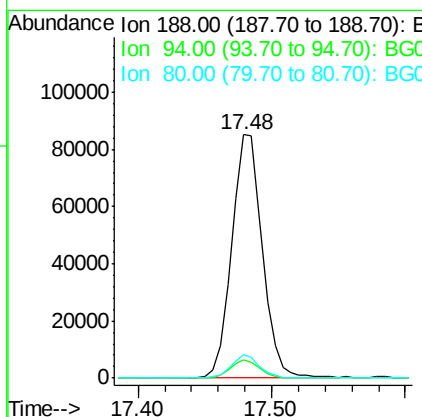
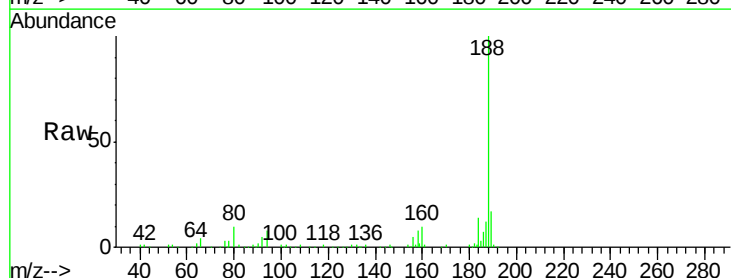
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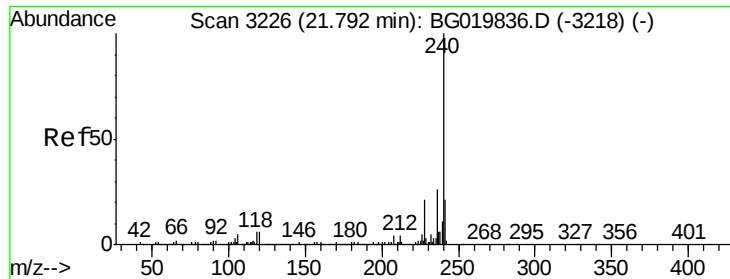
Tgt Ion:172 Resp: 2844
 Ion Ratio Lower Upper
 172 100
 171 39.9 29.0 43.6
 170 15.8 19.9 29.9#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.48 min Scan# 2492
 Delta R.T. -0.03 min
 Lab File: BG020089.D
 Acq: 11 Dec 2015 00:51

Tgt Ion:188 Resp: 135647
 Ion Ratio Lower Upper
 188 100
 94 7.5 7.7 11.5#
 80 9.6 7.8 11.8

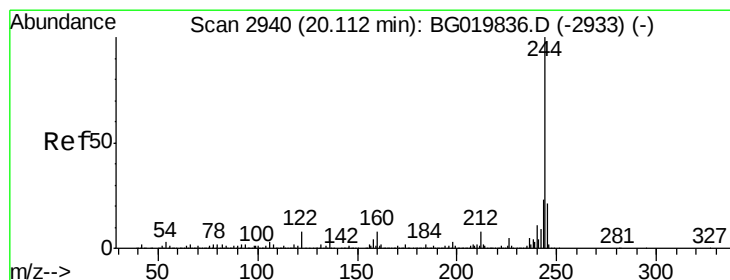
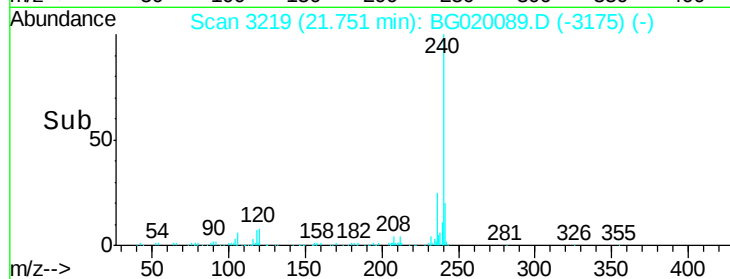
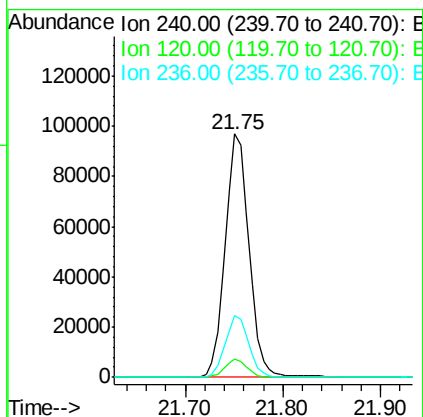
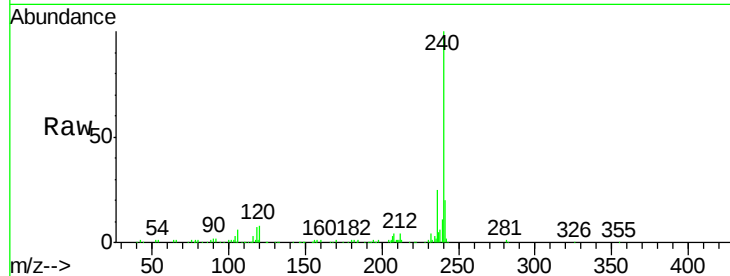




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG020089.D
Acq: 11 Dec 2015 00:51

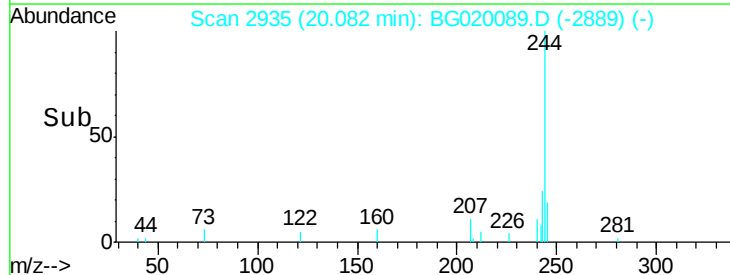
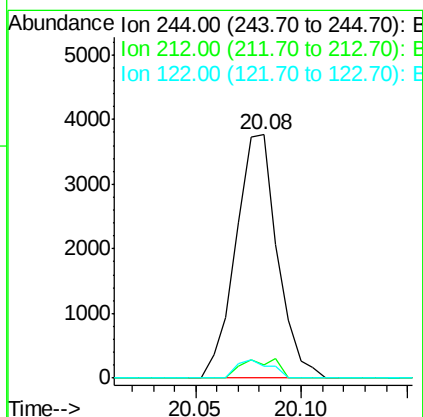
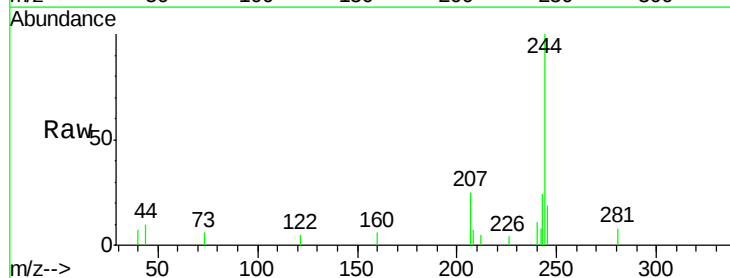
Instrument :
BNA_G
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MW-11CDL

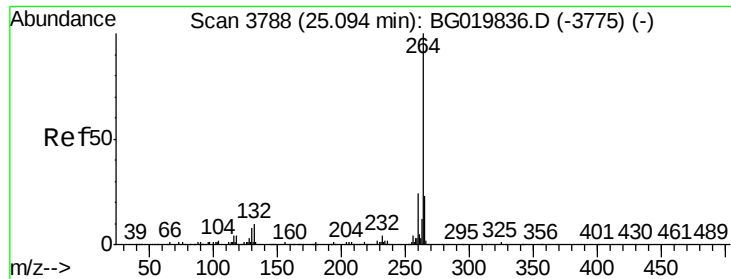
Tgt Ion:240 Resp: 164662
Ion Ratio Lower Upper
240 100
120 7.5 7.4 11.0
236 25.3 20.7 31.1



#78
Terphenyl-d14
Concen: 0.76 ng
RT: 20.08 min Scan# 2935
Delta R.T. -0.03 min
Lab File: BG020089.D
Acq: 11 Dec 2015 00:51

Tgt Ion:244 Resp: 5134
Ion Ratio Lower Upper
244 100
212 5.3 6.9 10.3#
122 4.6 10.2 15.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.03 min Scan# 3778
Delta R.T. -0.06 min
Lab File: BG020089.D
Acq: 11 Dec 2015 00:51

Instrument :
BNA_G
ClientSampleId :
MW-11CDL

Tgt Ion:	264	Resp:	145526
Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.5	27.7
265	22.9	17.2	25.8

