

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 06:22:55 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

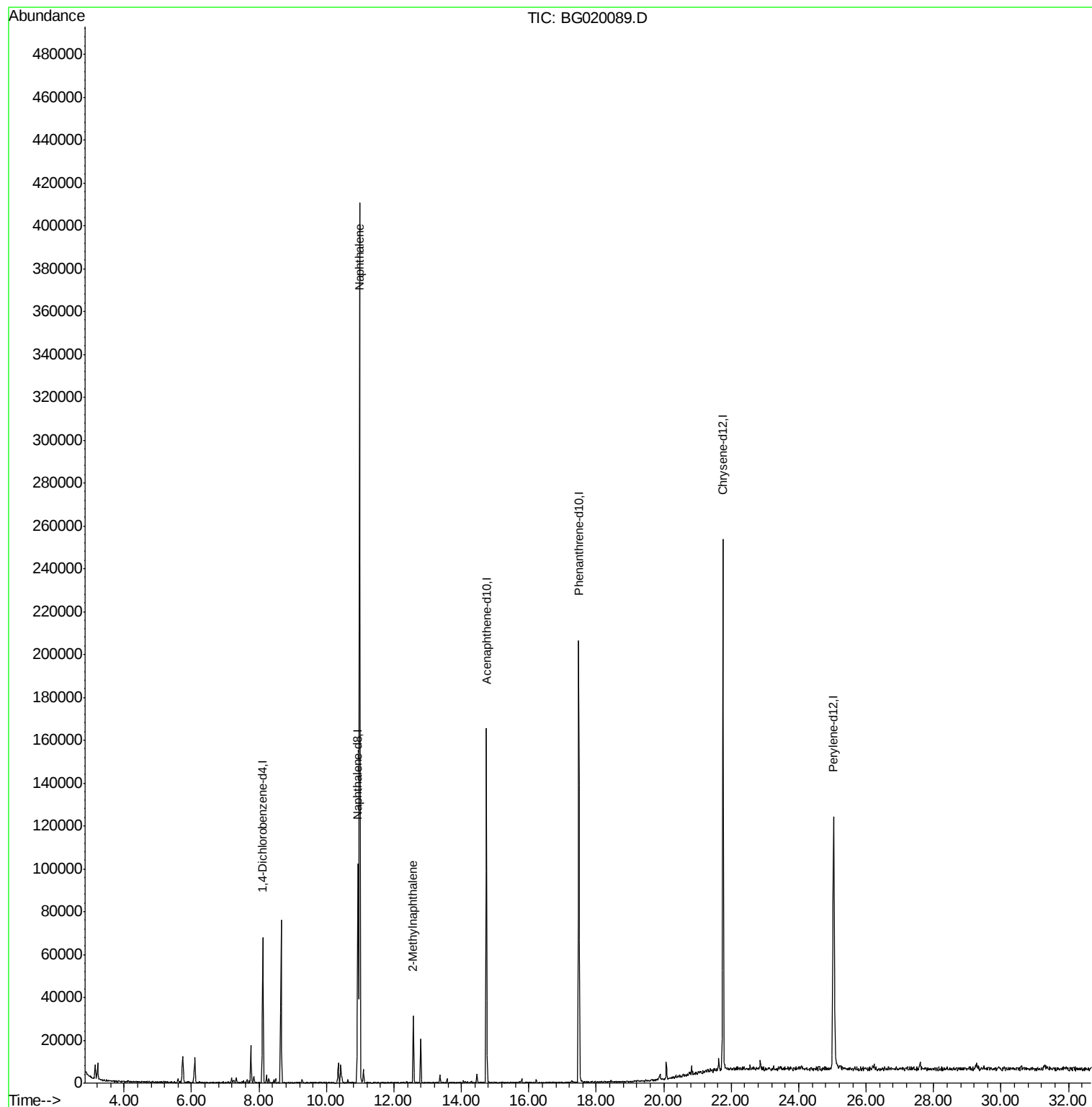
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	18960	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	86556	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	57186	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	135647	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	164662	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	0.00	99	0d	0.00	ng	
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	99
37) 2-Methylnaphthalene	12.57	142	15447	4.55	ng	94

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

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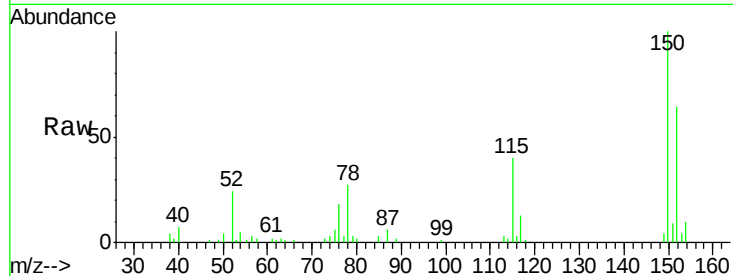


#1

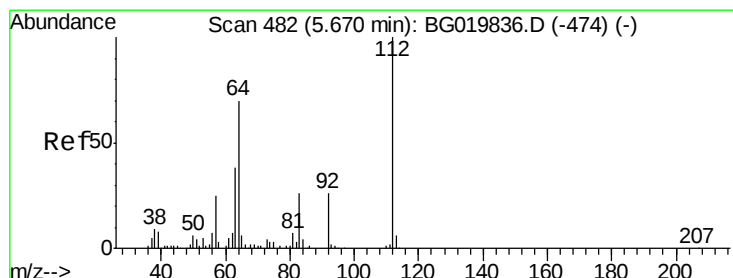
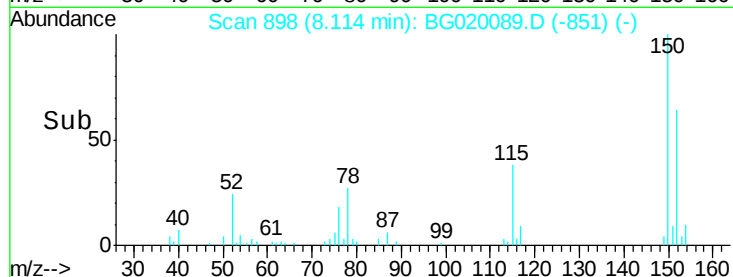
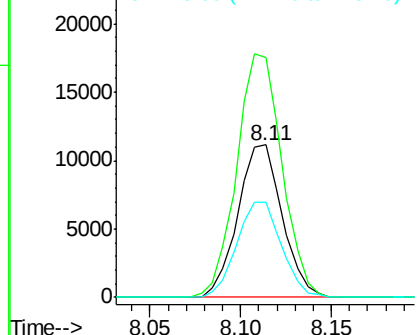
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG020089.D
Acq: 11 Dec 2015 00:51

Instrument :
BNA_G
ClientSampleId :
MW-11CDL

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



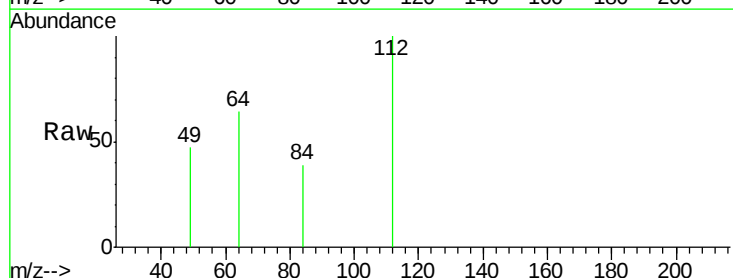
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



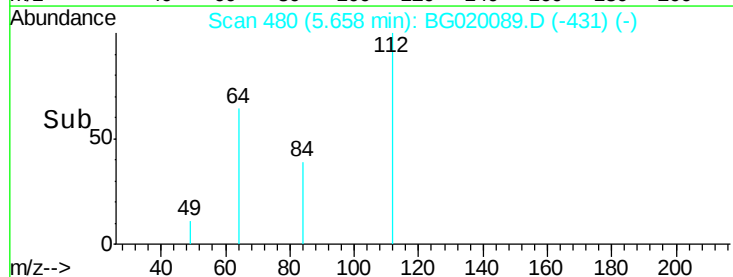
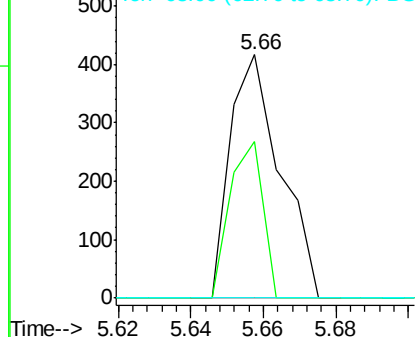
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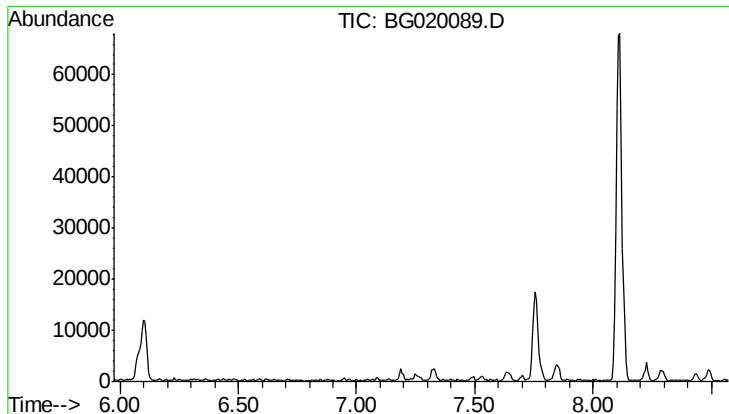
2-Fluorophenol
Concen: 0.38 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG020089.D
Acq: 11 Dec 2015 00:51

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: 0.00 ng

Expected RT: 7.27 min

Lab File: BG020089.D

Acq: 11 Dec 2015 00:51

Instrument :

BNA_G

ClientSampleId :

MW-11CDL

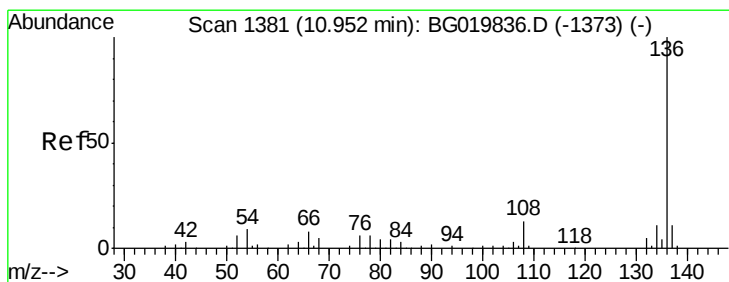
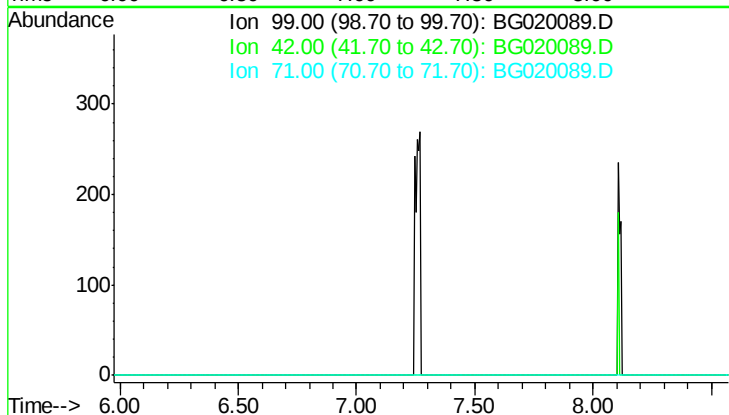
Tot Ion: 99

Sig Exp Ratio

99 100

42 14.4

71 28.3



#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

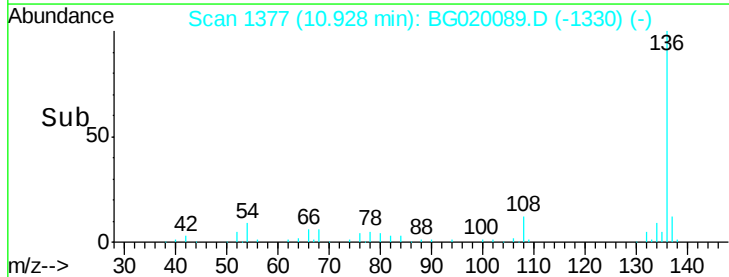
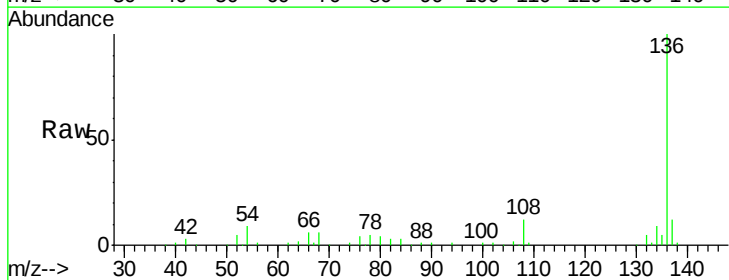
Ion Ratio Lower Upper

136 100

137 11.7 8.6 12.8

54 8.9 5.4 8.2#

68 6.1 5.3 7.9

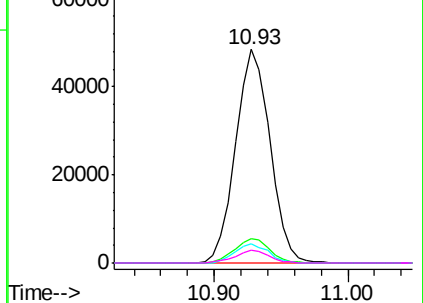


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

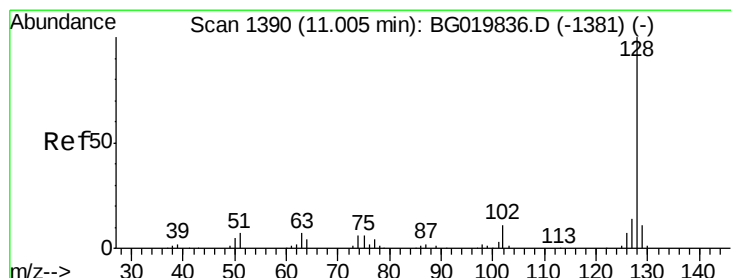
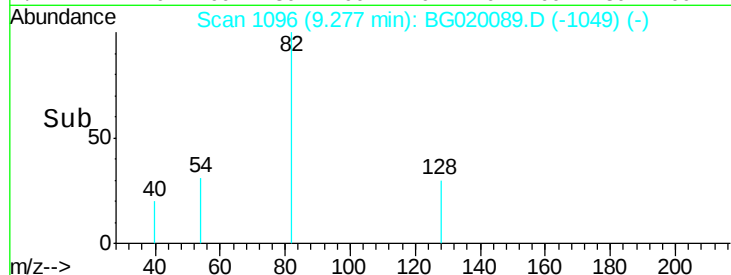
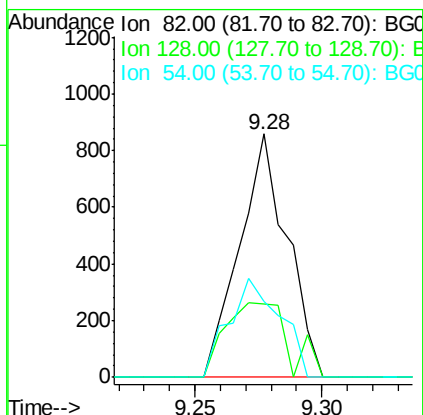
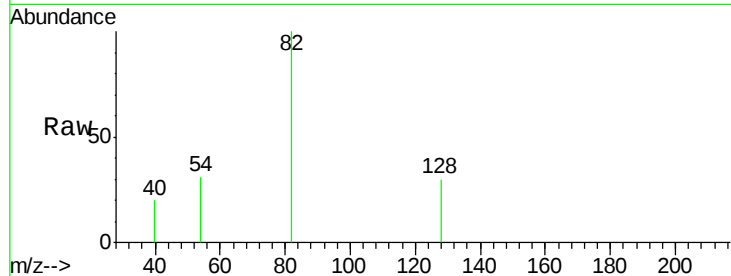




#23
 Nitrobenzene-d5
 Concen: 0.66 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BG020089.D
 Acq: 11 Dec 2015 00:51

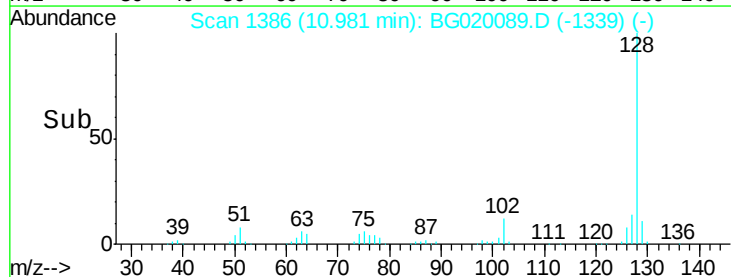
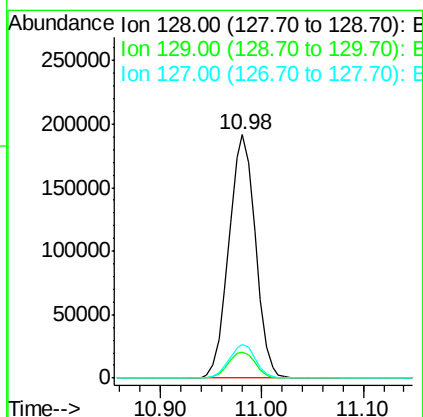
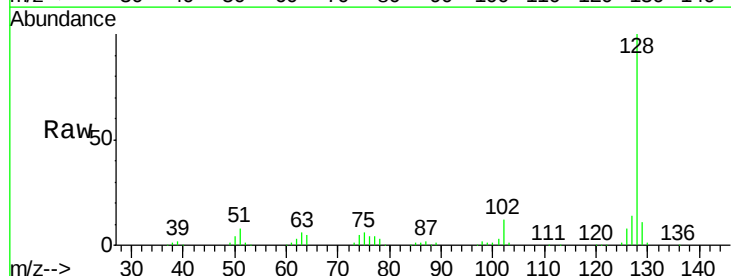
Instrument :
 BNA_G
 ClientSampleId :
 MW-11CDL

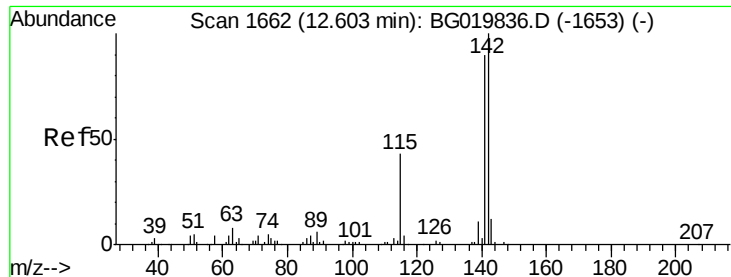
Tot Ion: 82 Resp: 1126
 Ion Ratio Lower Upper
 82 100
 128 30.2 36.7 55.1#
 54 31.4 33.8 50.8#



#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

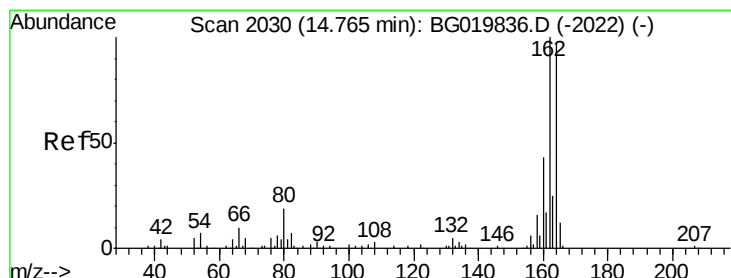
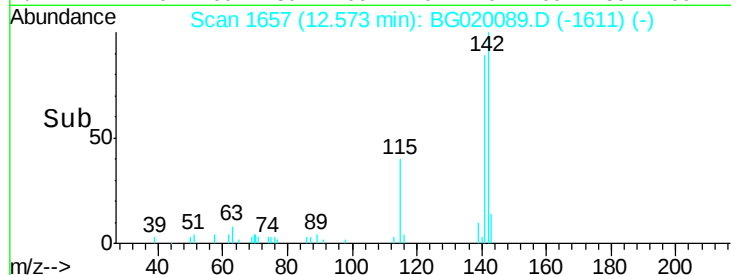
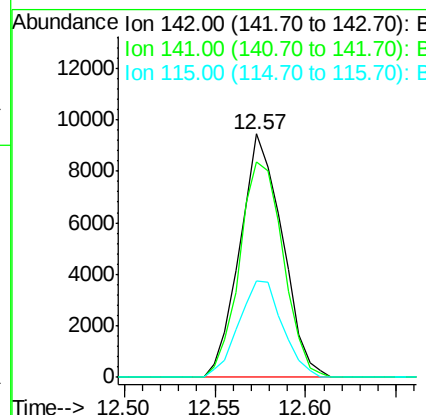
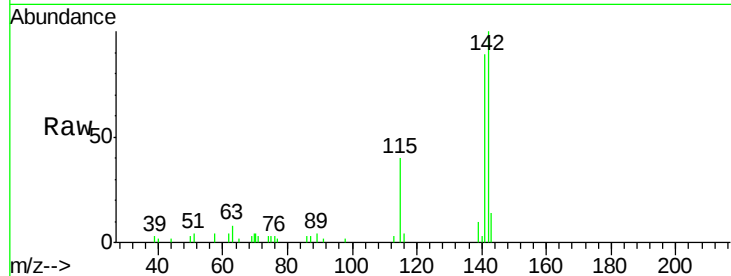




#37
2-Methylnaphthalene
Concen: 4.55 ng
RT: 12.57 min Scan# 1657
Delta R.T. -0.03 min
Lab File: BG020089.D
Acq: 11 Dec 2015 00:51

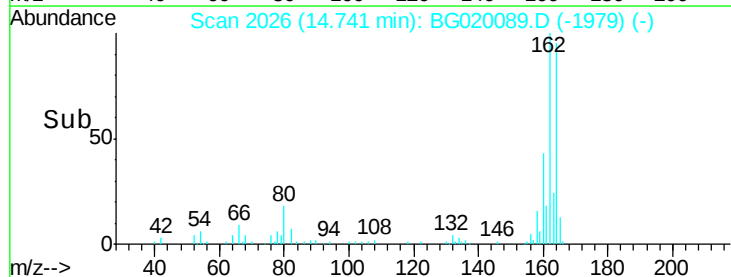
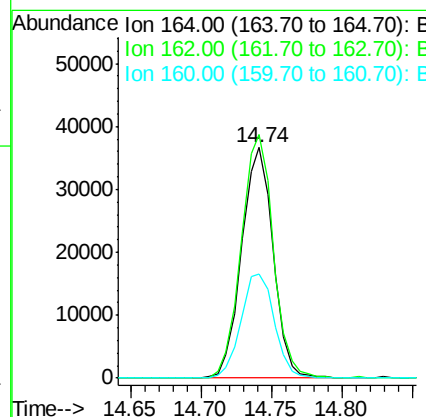
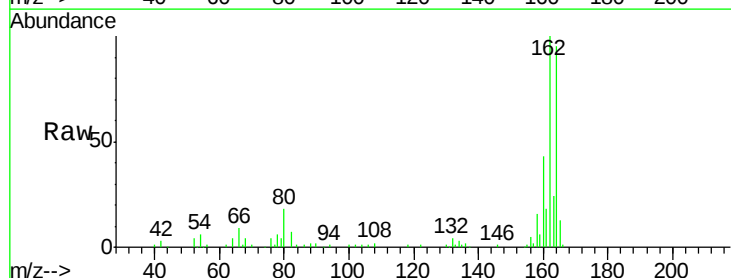
Instrument :
BNA_G
ClientSampleId :
MW-11CDL

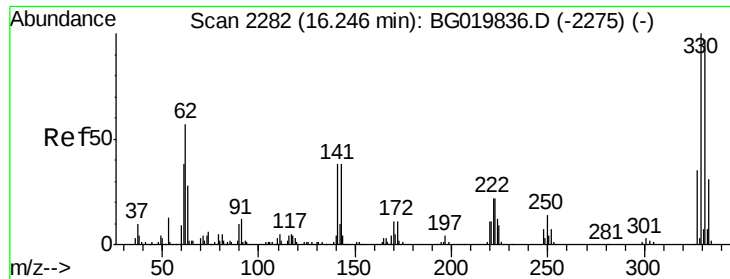
Tot Ion:142 Resp: 15447
Ion Ratio Lower Upper
142 100
141 88.7 74.6 112.0
115 39.9 27.4 41.0



#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

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

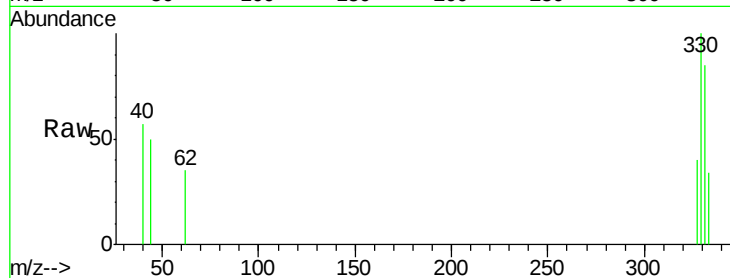




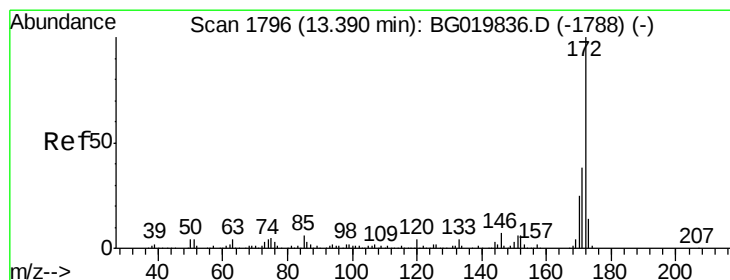
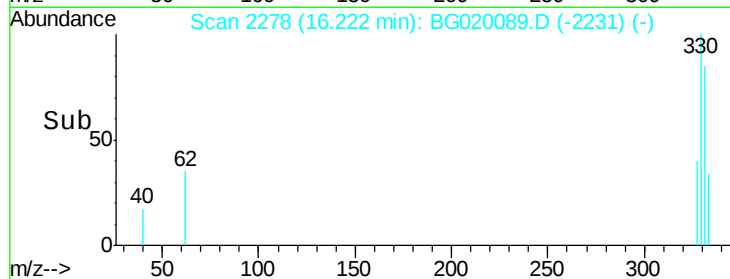
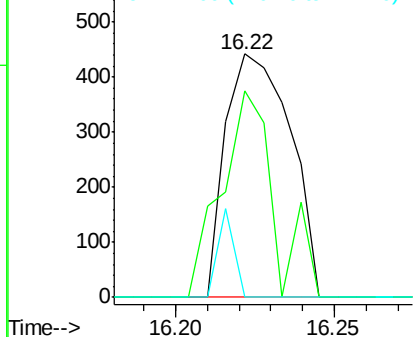
#41
 2,4,6-Tribromophenol
 Concen: 0.72 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG020089.D
 Acq: 11 Dec 2015 00:51

Instrument :
 BNA_G
 ClientSampleId :
 MW-11CDL

Tot Ion:330 Resp: 626
 Ion Ratio Lower Upper
 330 100
 332 68.7 78.1 117.1#
 141 9.1 28.2 42.2#

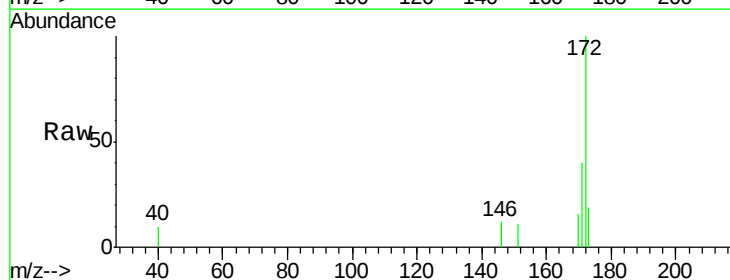


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

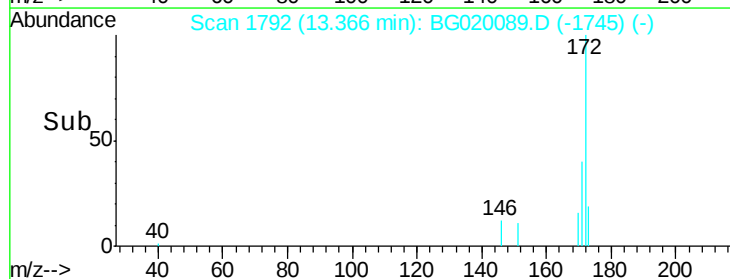
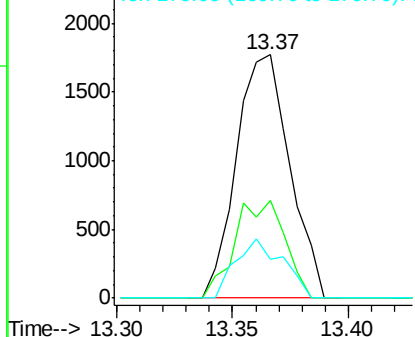


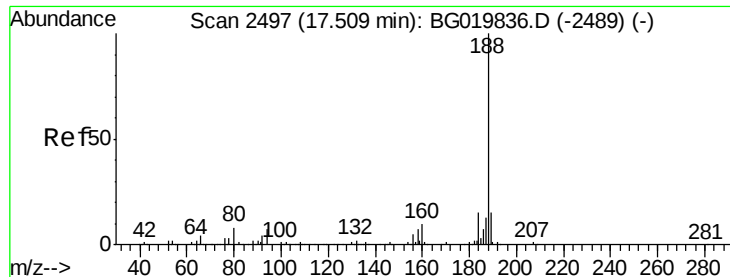
#44
 2-Fluorobiphenyl
 Concen: 0.68 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG020089.D
 Acq: 11 Dec 2015 00:51

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#



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

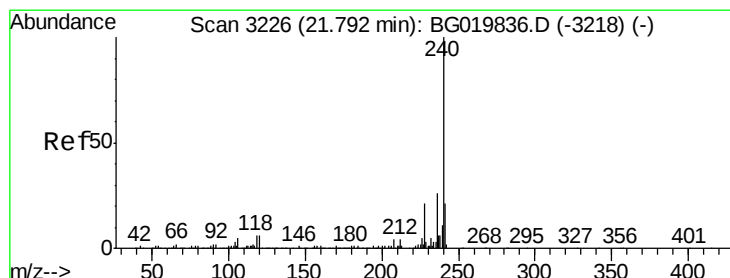
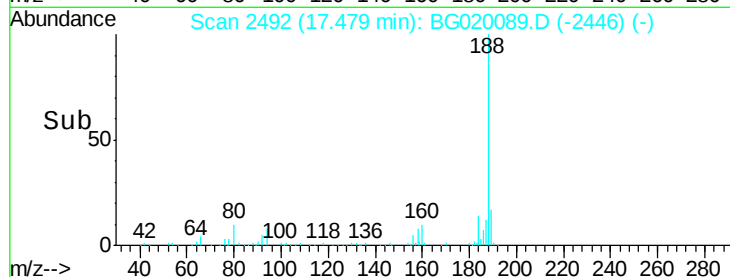
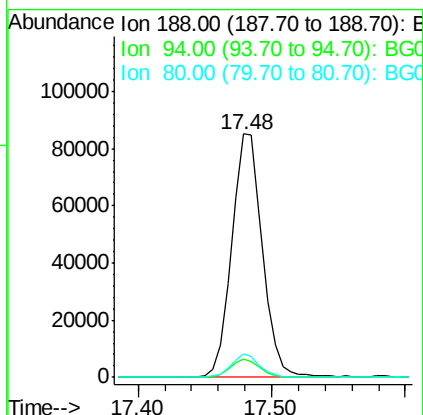
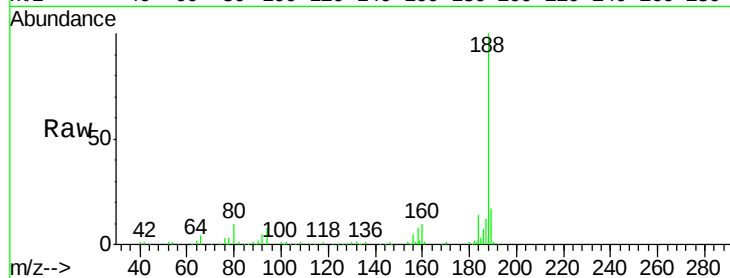




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020089.D
Acq: 11 Dec 2015 00:51

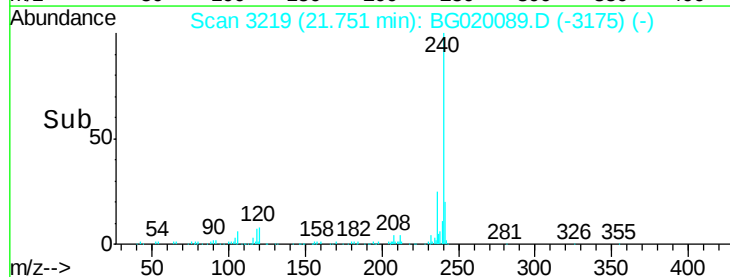
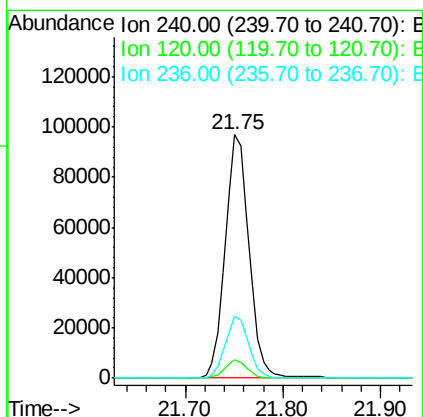
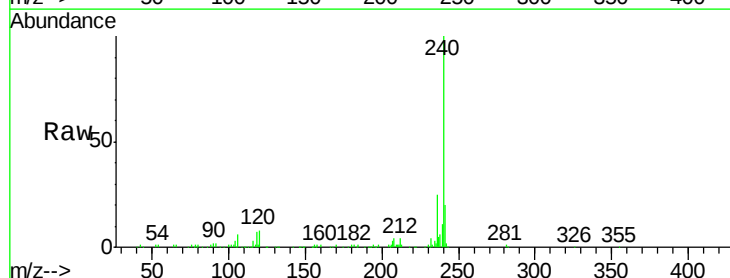
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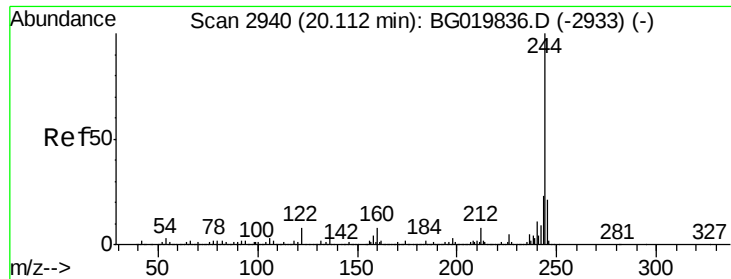
Tot Ion:188 Resp: 135647
Ion Ratio Lower Upper
188 100
94 7.5 7.7 11.5#
80 9.6 7.8 11.8



#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

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

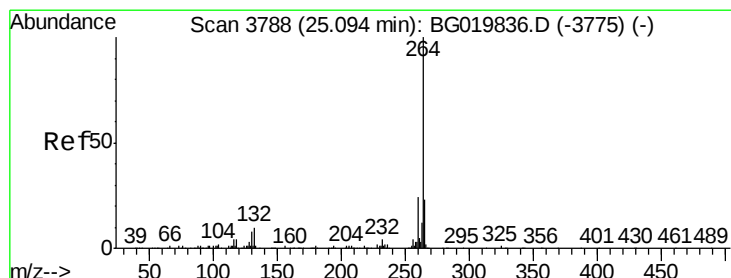
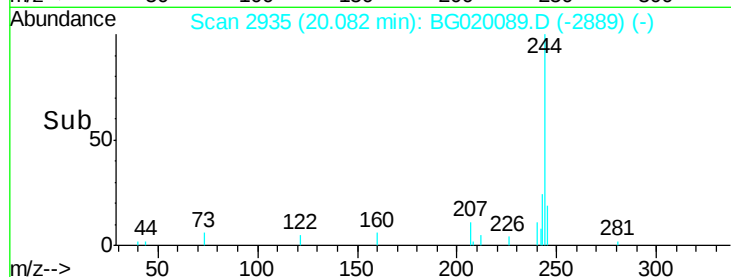
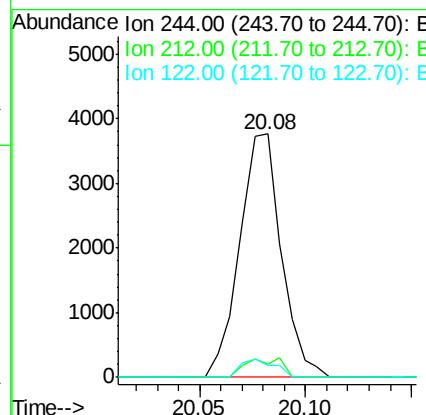
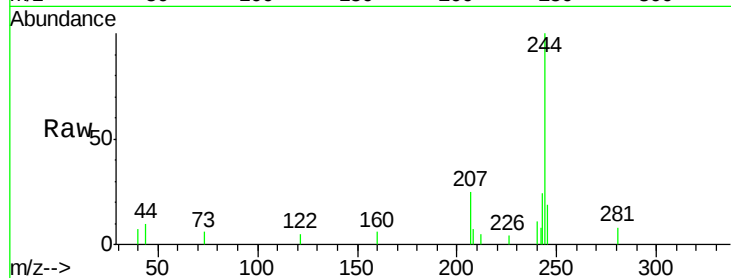




#78
 Terphenyl-d14
 Concen: 0.76 ng
 RT: 20.08 min Scan# 2935
 Delta R.T. -0.03 min
 Lab File: BG020089.D
 Acq: 11 Dec 2015 00:51

Instrument :
 BNA_G
 ClientSampleId :
 MW-11CDL

Tot 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

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

