

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
 Data File : BG024130.D
 Acq On : 24 Sep 2016 19:02
 Operator : UM/SJ
 Sample : H4897-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-03S-092116

Quant Time: Sep 26 00:53:12 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 15:35:28 2016
 Response via : Initial Calibration

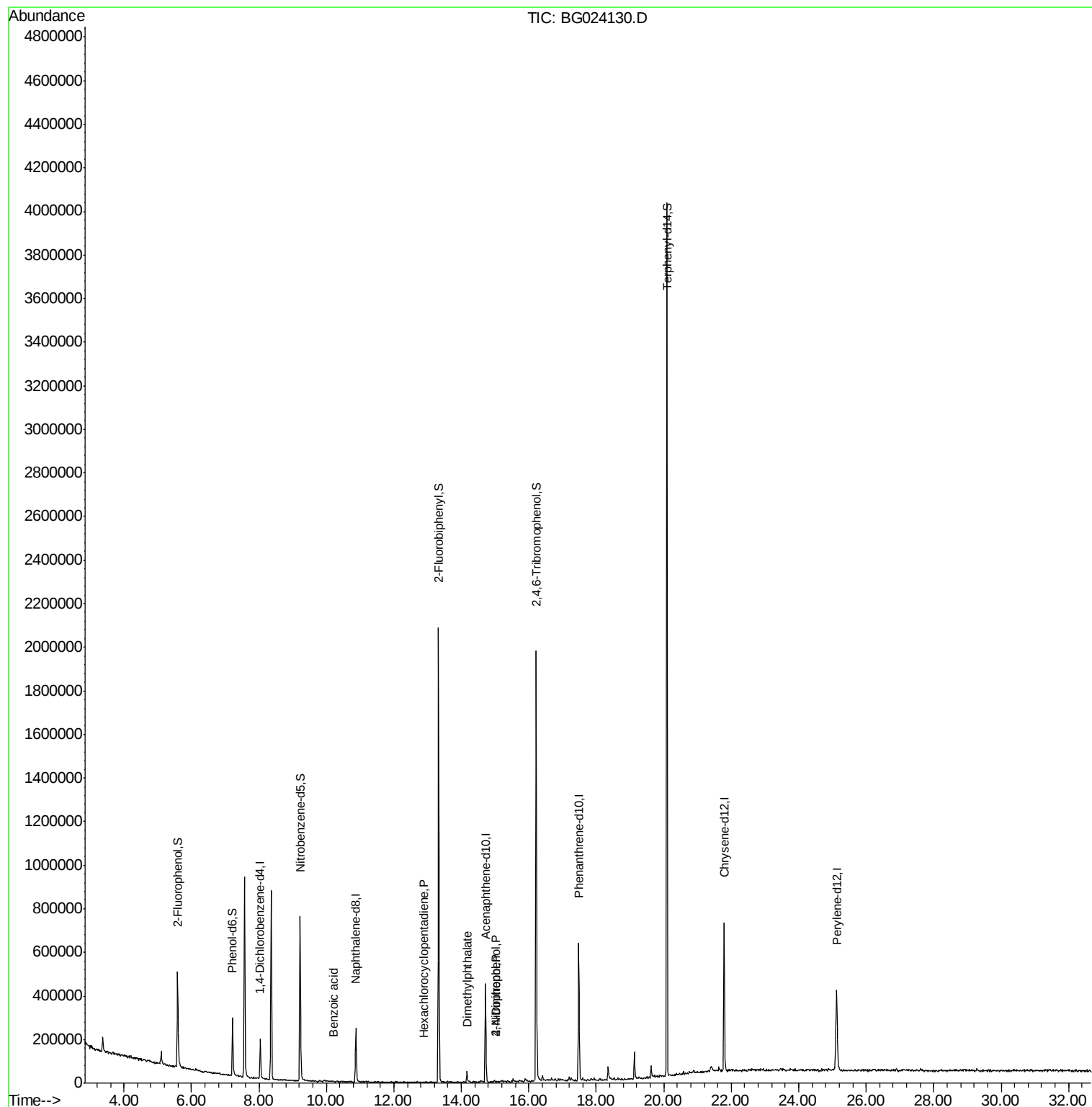
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	47919	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	209169	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	170448	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	380736	20.00	ng	0.00
75) Chrysene-d12	21.79	240	428574	20.00	ng	0.00
86) Perylene-d12	25.12	264	415974	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	182107	65.84	ng	0.00
7) Phenol-d6	7.22	99	166486	35.77	ng	0.00
23) Nitrobenzene-d5	9.22	82	520655	98.11	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	340250	138.88	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	1020970	100.69	ng	0.00
78) Terphenyl-d14	20.09	244	1633846	78.06	ng	0.00
Target Compounds						
32) Benzoic acid	10.23	122	62	2.18	ng	# 1
40) Hexachlorocyclopentadiene	12.88	237	60	3.62	ng	# 26
49) Dimethylphthalate	14.17	163	31995	2.45	ng	# 95
53) 2,4-Dinitrophenol	15.02	184	68	2.50	ng	# 10
55) 4-Nitrophenol	15.02	139	72	5.38	ng	# 1

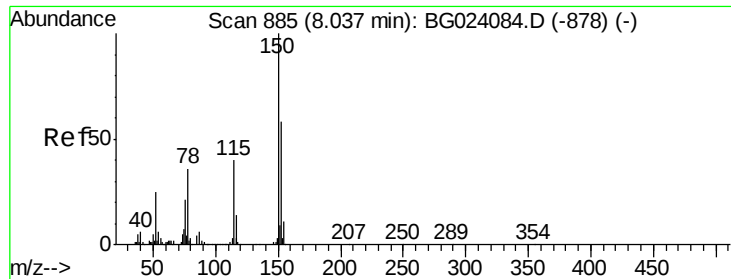
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 885

Delta R.T. 0.00 min

Lab File: BG024130.D

Acq: 24 Sep 2016 19:02

Instrument :

BNA_G

ClientSampleId :

MW-03S-092116

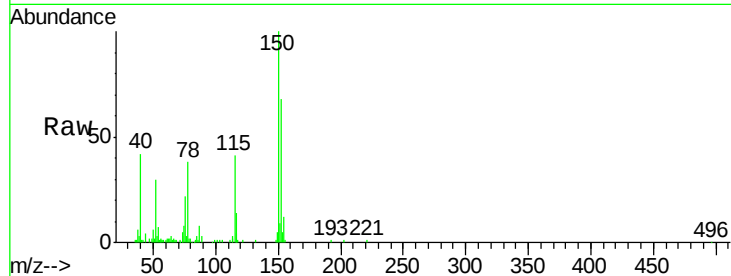
Tgt Ion:152 Resp: 47919

Ion Ratio Lower Upper

152 100

150 146.8 144.7 217.1

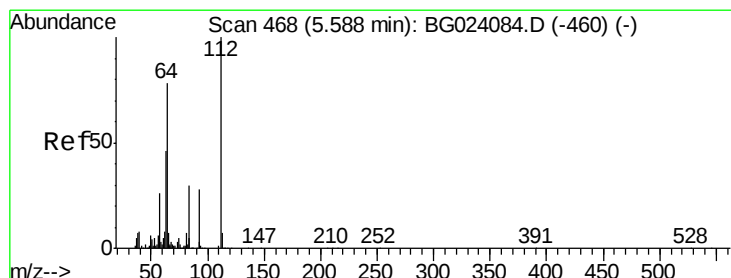
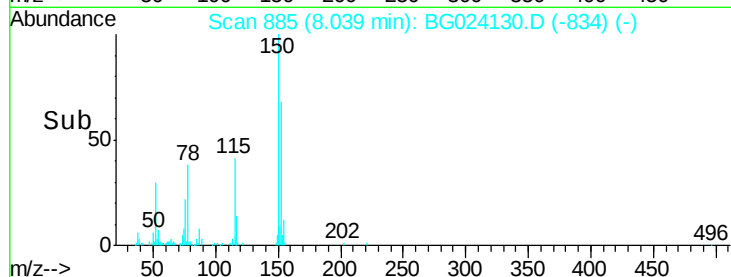
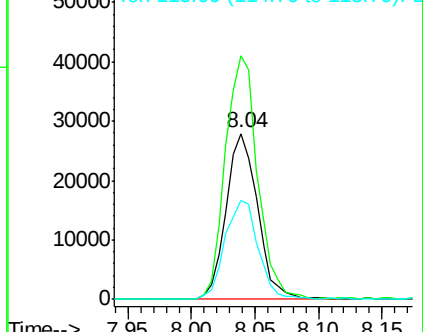
115 59.7 64.0 96.0#



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: 65.84 ng

RT: 5.59 min Scan# 468

Delta R.T. 0.00 min

Lab File: BG024130.D

Acq: 24 Sep 2016 19:02

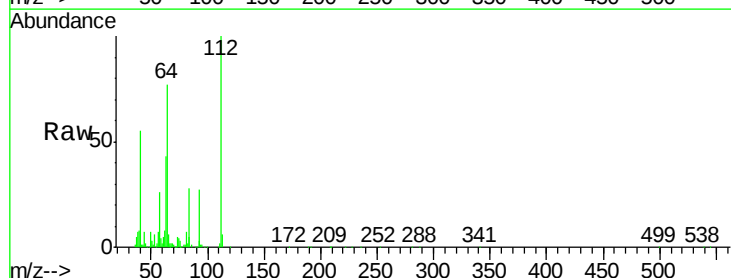
Tgt Ion:112 Resp: 182107

Ion Ratio Lower Upper

112 100

64 76.6 59.0 88.4

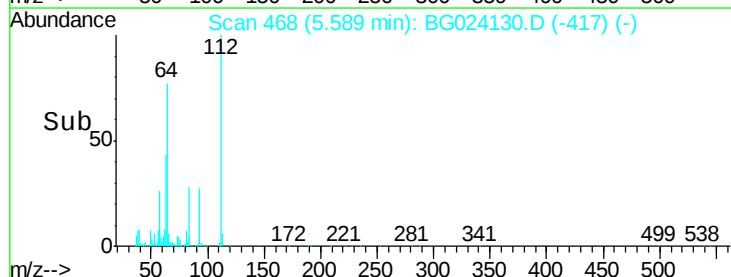
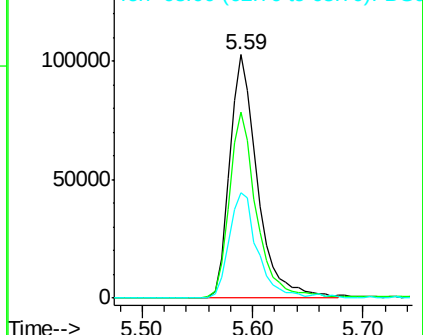
63 43.3 37.8 56.8

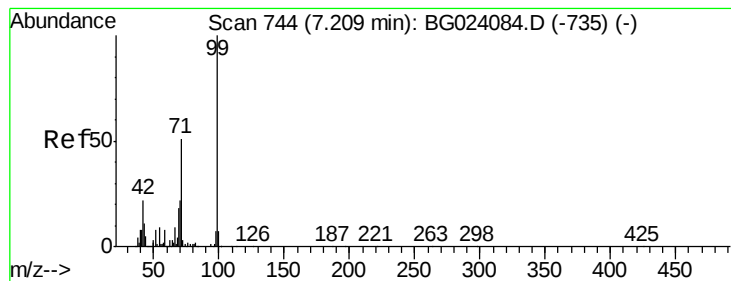


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 35.77 ng

RT: 7.22 min Scan# 745

Delta R.T. 0.01 min

Lab File: BG024130.D

Acq: 24 Sep 2016 19:02

Instrument :

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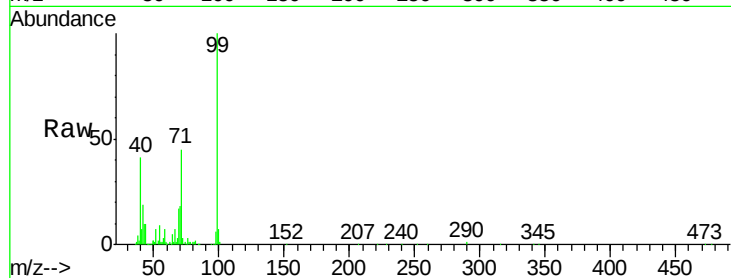
Tgt Ion: 99 Resp: 166486

Ion Ratio Lower Upper

99 100

42 18.9 17.8 26.6

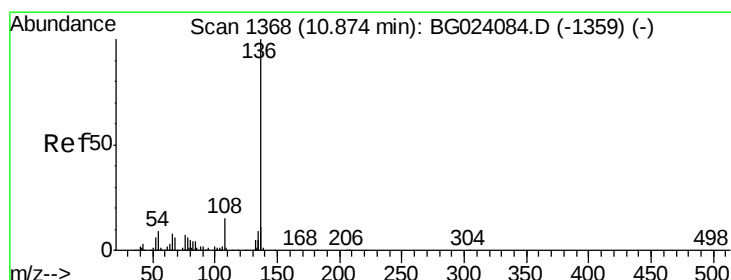
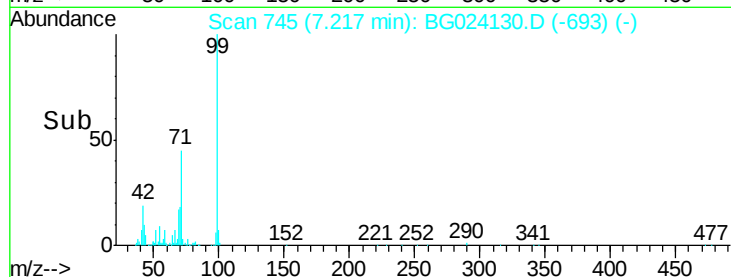
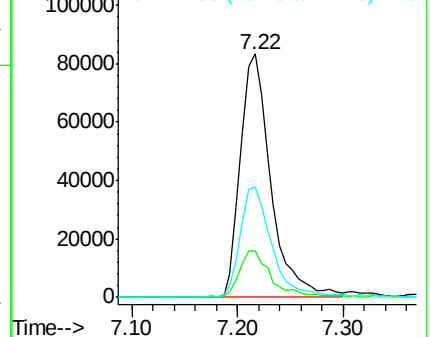
71 45.3 41.5 62.3



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: 10.87 min Scan# 1367

Delta R.T. -0.00 min

Lab File: BG024130.D

Acq: 24 Sep 2016 19:02

Tgt Ion: 136 Resp: 209169

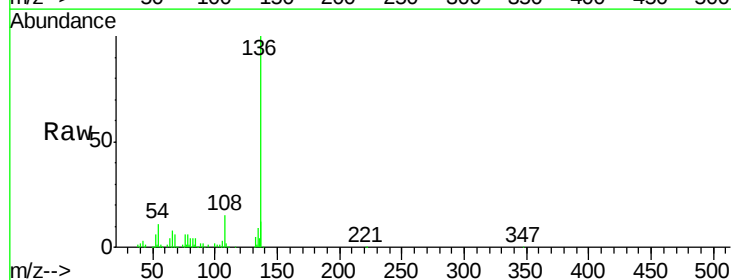
Ion Ratio Lower Upper

136 100

137 12.2 9.6 14.4

54 11.2 7.3 10.9#

68 5.5 5.3 7.9

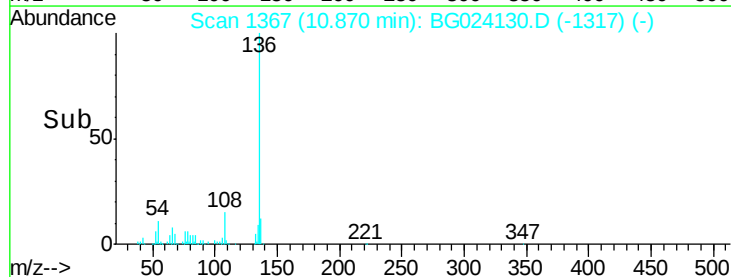
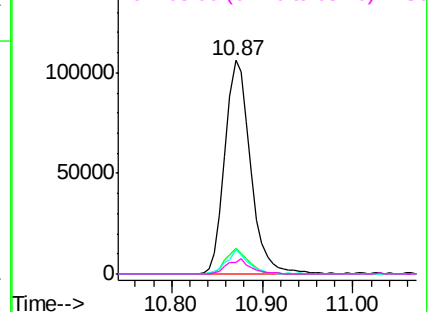


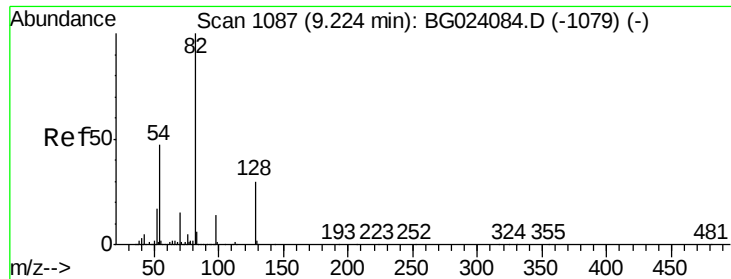
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

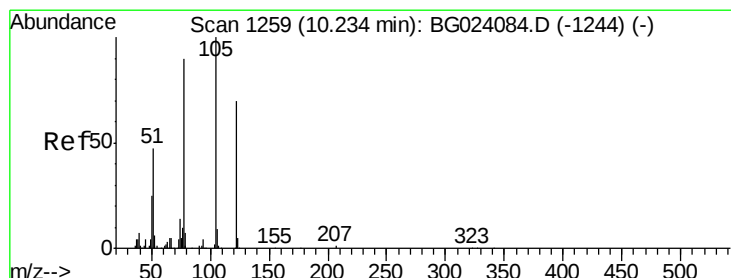
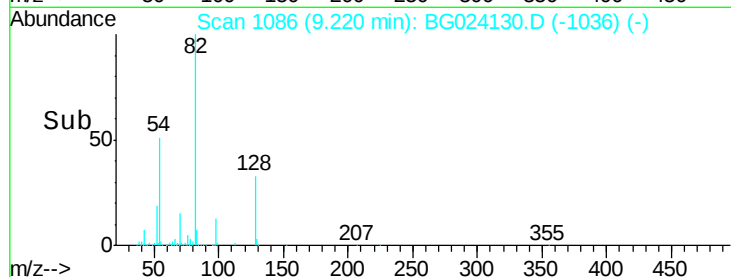
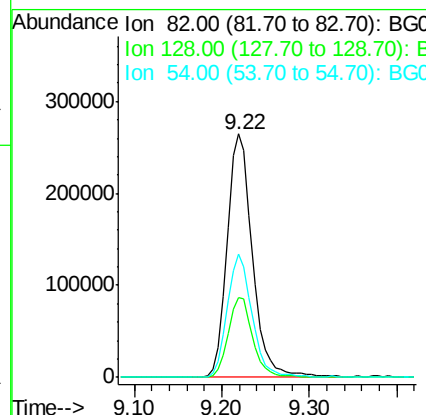
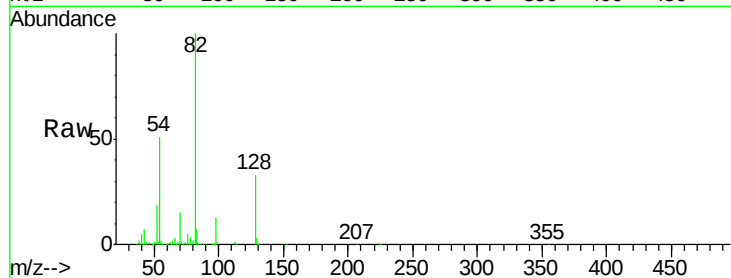




#23
 Nitrobenzene-d5
 Concen: 98.11 ng
 RT: 9.22 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BG024130.D
 Acq: 24 Sep 2016 19:02

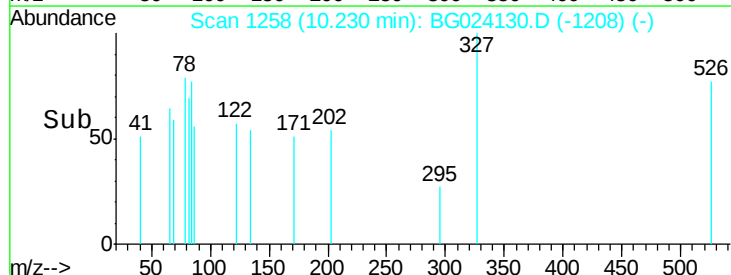
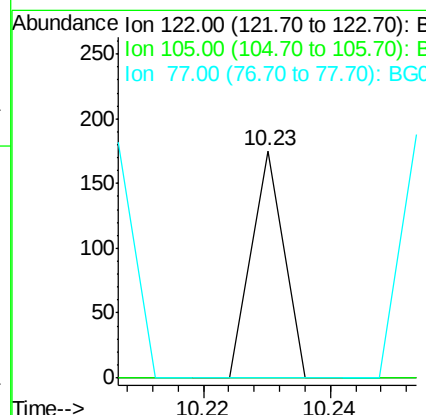
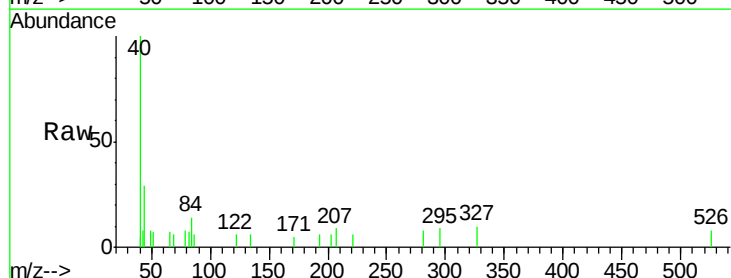
Instrument :
 BNA_G
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 MW-03S-092116

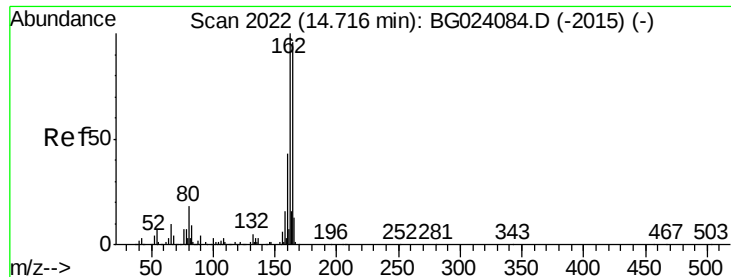
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.9	24.4	36.6
54	50.9	41.4	62.0



#32
 Benzoic acid
 Concen: 2.18 ng
 RT: 10.23 min Scan# 1258
 Delta R.T. -0.00 min
 Lab File: BG024130.D
 Acq: 24 Sep 2016 19:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	117.2	157.2#
77	0.0	109.2	149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.72 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BG024130.D

Acq: 24 Sep 2016 19:02

Instrument :

BNA_G

ClientSampleId :

MW-03S-092116

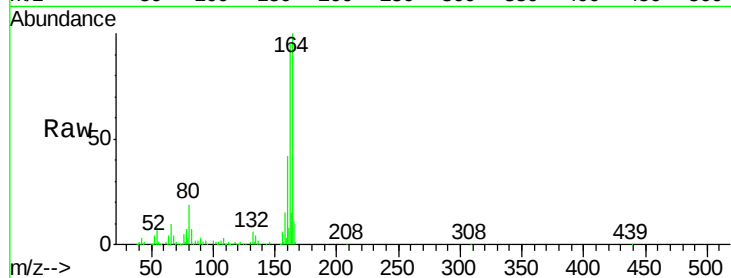
Tgt Ion:164 Resp: 170448

Ion Ratio Lower Upper

164 100

162 95.0 87.7 131.5

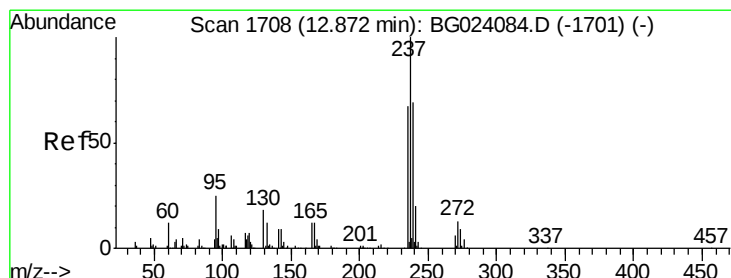
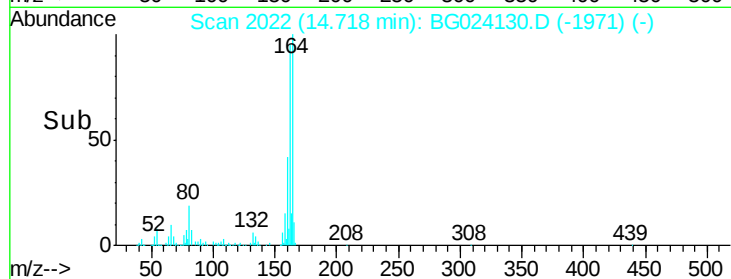
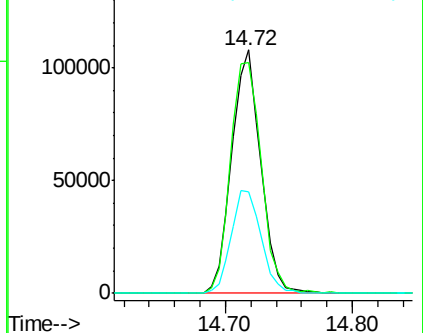
160 41.5 37.2 55.8



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



#40

Hexachlorocyclopentadiene

Concen: 3.62 ng

RT: 12.88 min Scan# 1709

Delta R.T. 0.01 min

Lab File: BG024130.D

Acq: 24 Sep 2016 19:02

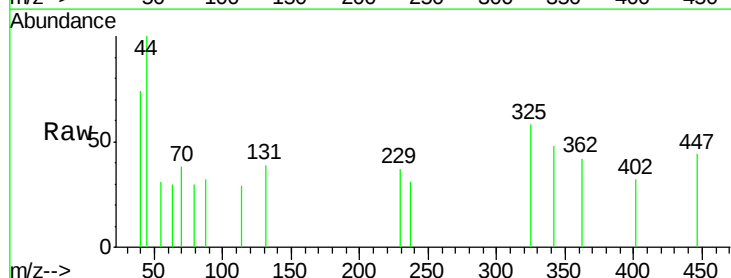
Tgt Ion:237 Resp: 60

Ion Ratio Lower Upper

237 100

235 0.0 43.1 83.1#

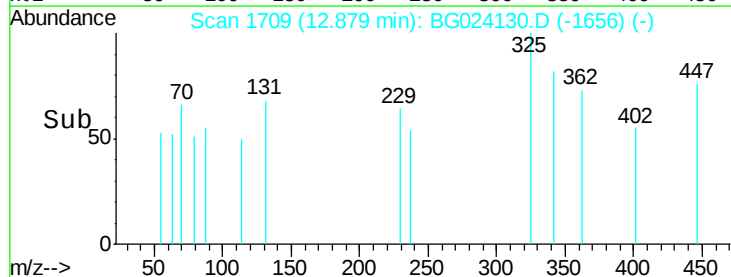
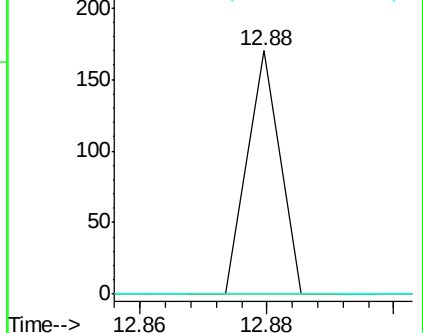
272 0.0 0.0 30.9

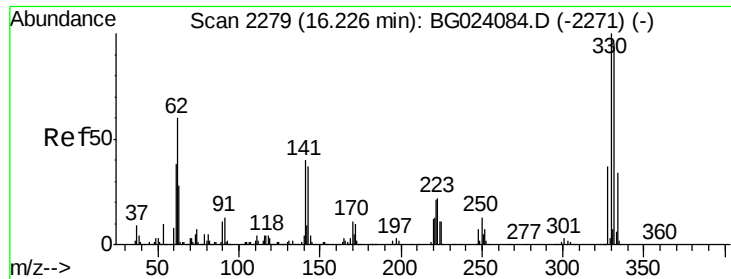


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

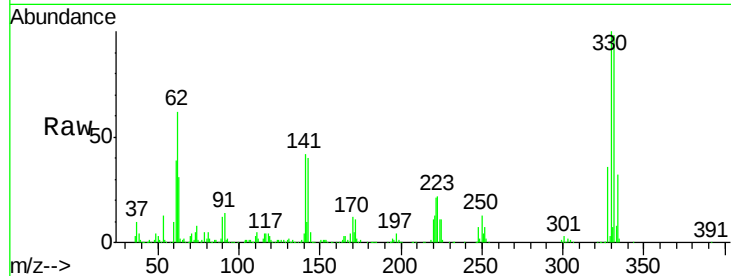




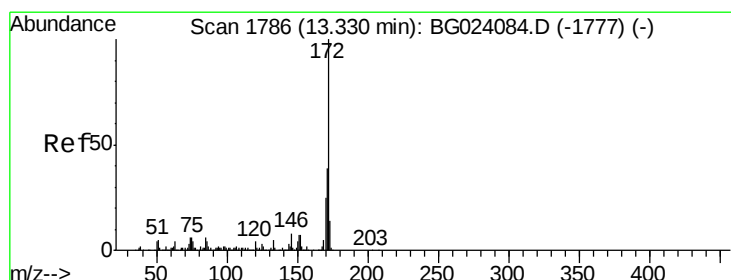
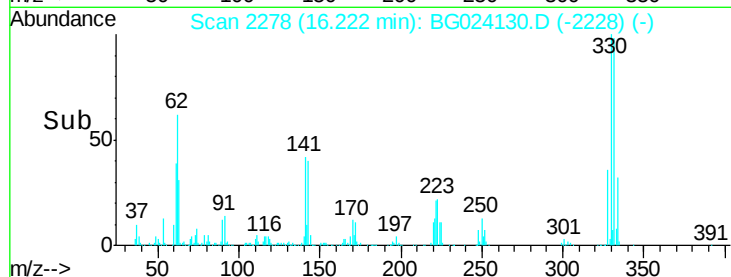
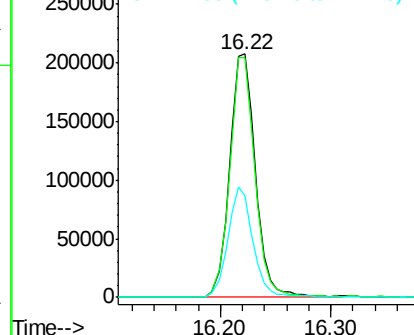
#41
 2,4,6-Tribromophenol
 Concen: 138.88 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: BG024130.D
 Acq: 24 Sep 2016 19:02

Instrument :
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 ClientSampleId :
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Tgt Ion:330 Resp: 340250
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.2
 141 44.0 31.7 47.5

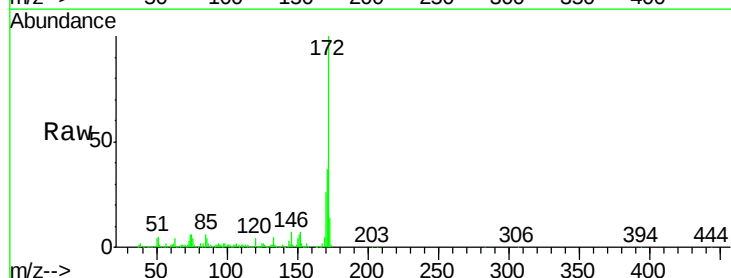


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

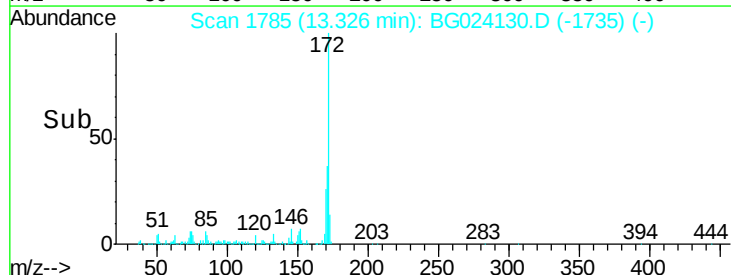
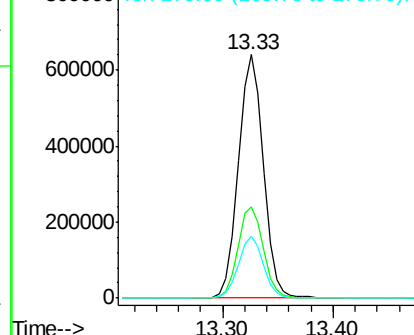


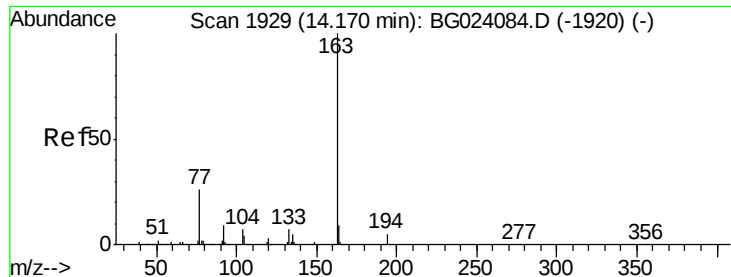
#44
 2-Fluorobiphenyl
 Concen: 100.69 ng
 RT: 13.33 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BG024130.D
 Acq: 24 Sep 2016 19:02

Tgt Ion:172 Resp: 1020970
 Ion Ratio Lower Upper
 172 100
 171 37.4 31.6 47.4
 170 25.6 21.3 31.9



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





#49

Dimethylphthalate

Concen: 2.45 ng

RT: 14.17 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG024130.D

Acq: 24 Sep 2016 19:02

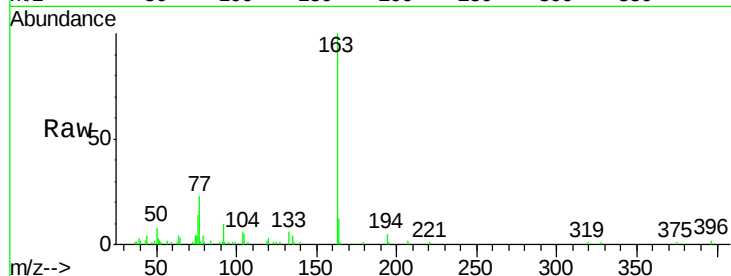
Instrument :

BNA_G

ClientSampleId :

MW-03S-092116

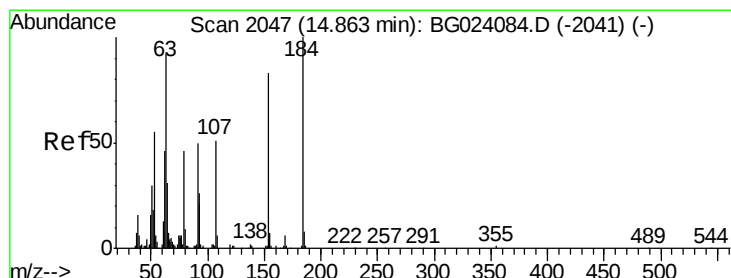
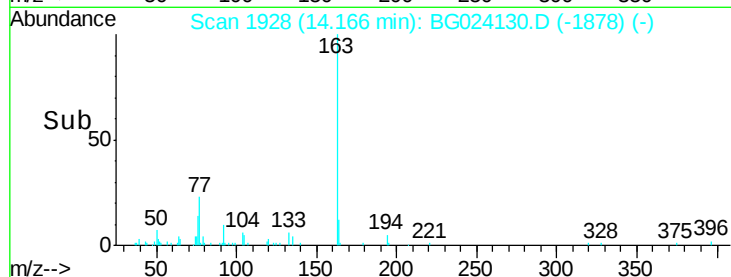
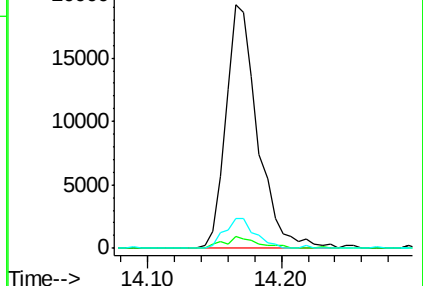
Tgt Ion:	163	Resp:	31995
Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.6	5.4
164	12.4	8.1	12.1#



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



#53

2,4-Dinitrophenol

Concen: 2.50 ng

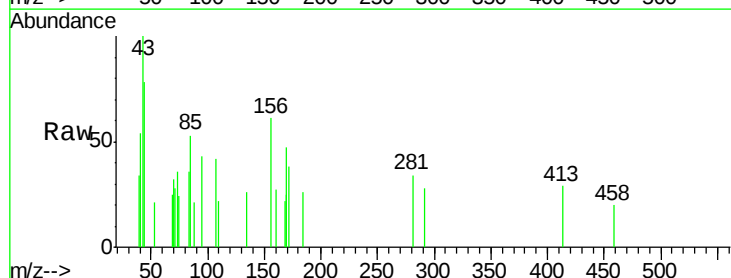
RT: 15.02 min Scan# 2073

Delta R.T. 0.15 min

Lab File: BG024130.D

Acq: 24 Sep 2016 19:02

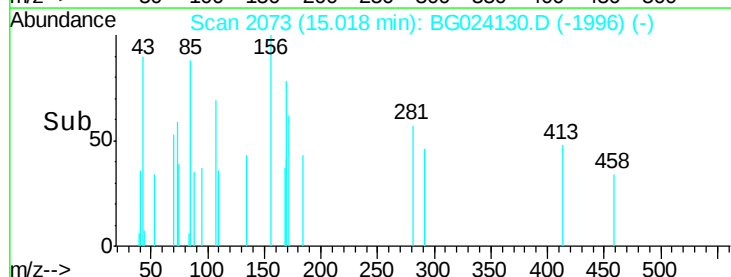
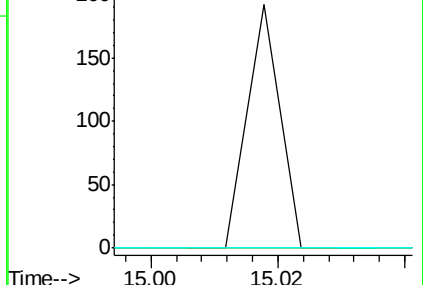
Tgt Ion:	184	Resp:	68
Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.6	89.4#
154	0.0	67.4	101.0#

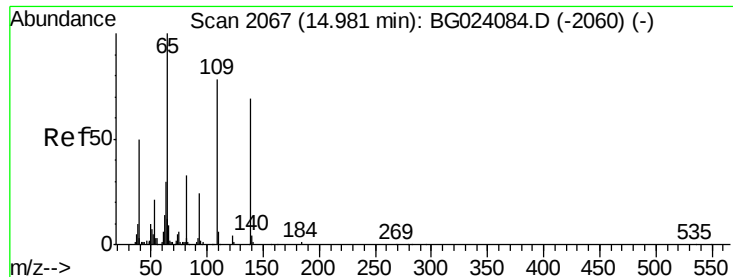


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

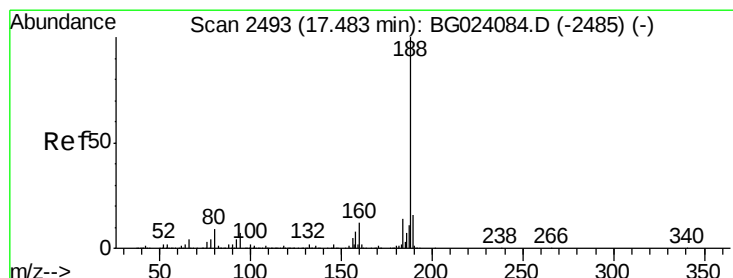
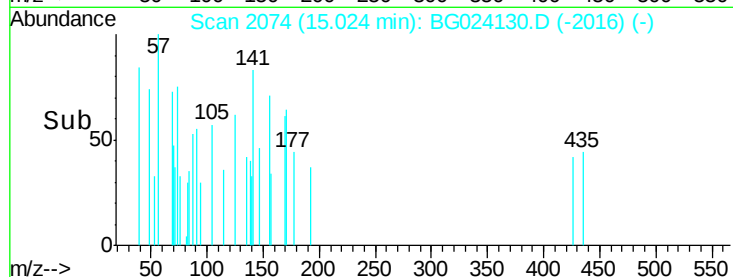
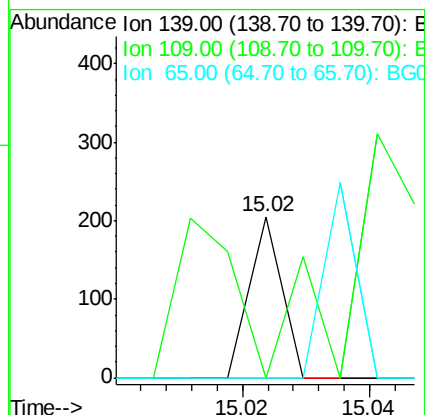
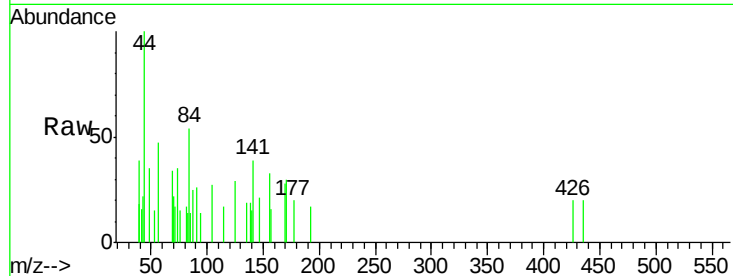




#55
4-Nitrophenol
Concen: 5.38 ng
RT: 15.02 min Scan# 2074
Delta R.T. 0.04 min
Lab File: BG024130.D
Acq: 24 Sep 2016 19:02

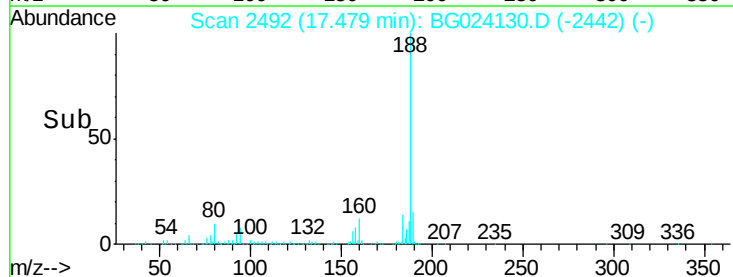
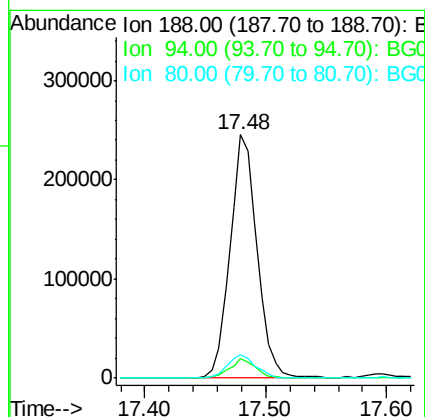
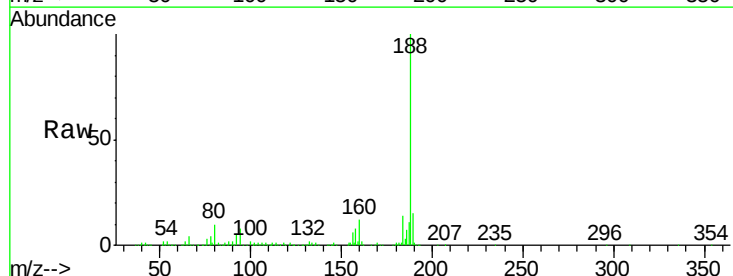
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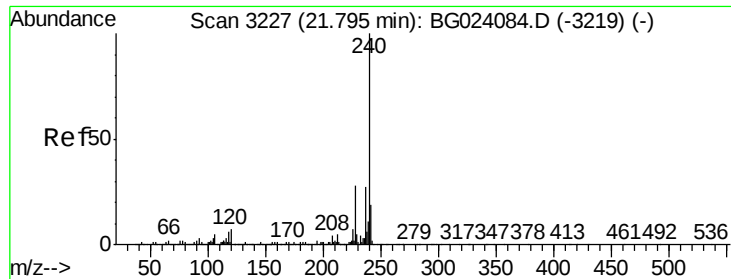
Tgt Ion:139 Resp: 72
Ion Ratio Lower Upper
139 100
109 0.0 103.0 143.0#
65 0.0 112.7 152.7#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.00 min
Lab File: BG024130.D
Acq: 24 Sep 2016 19:02

Tgt Ion:188 Resp: 380736
Ion Ratio Lower Upper
188 100
94 8.0 5.2 7.8#
80 9.6 7.2 10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.79 min Scan# 3226

Delta R.T. -0.00 min

Lab File: BG024130.D

Acq: 24 Sep 2016 19:02

Instrument :

BNA_G

ClientSampleId :

MW-03S-092116

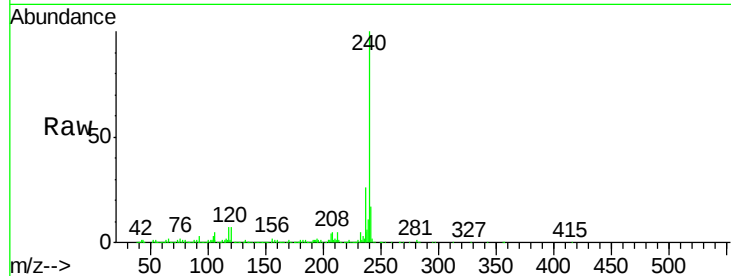
Tgt Ion:240 Resp: 428574

Ion Ratio Lower Upper

240 100

120 6.9 4.1 6.1#

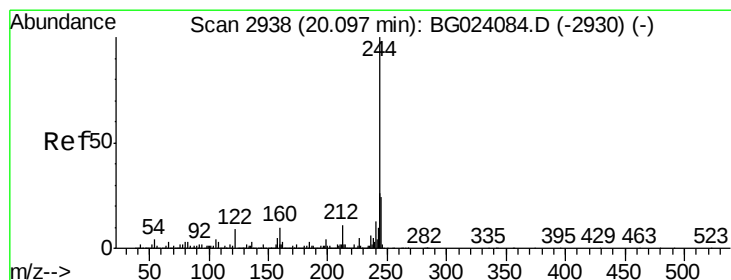
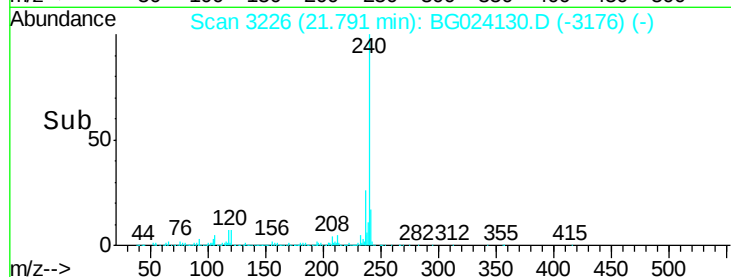
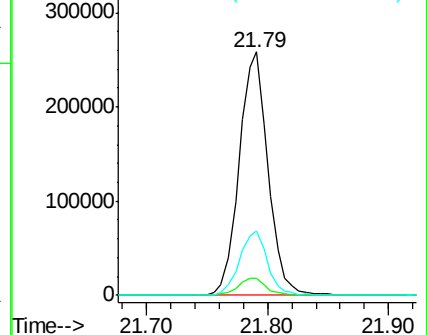
236 26.4 21.1 31.7



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: 78.06 ng

RT: 20.09 min Scan# 2937

Delta R.T. -0.00 min

Lab File: BG024130.D

Acq: 24 Sep 2016 19:02

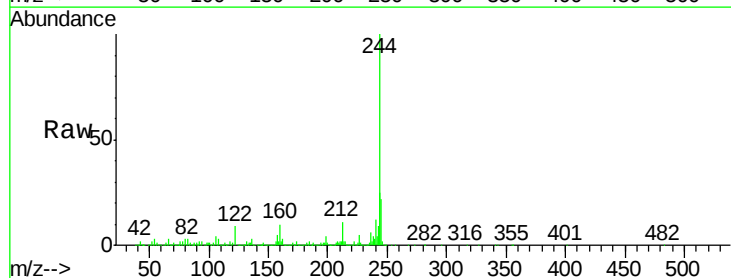
Tgt Ion:244 Resp: 1633846

Ion Ratio Lower Upper

244 100

212 10.8 10.8 16.2#

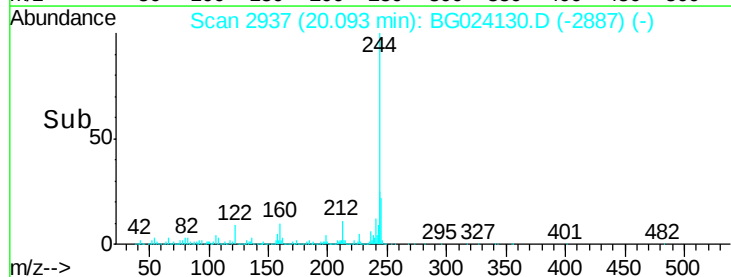
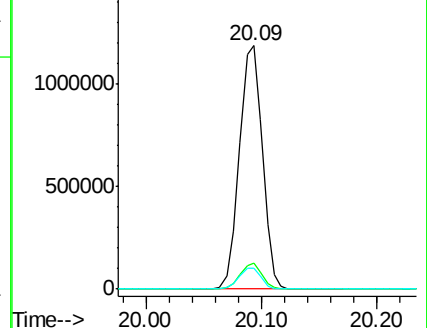
122 8.5 8.0 12.0

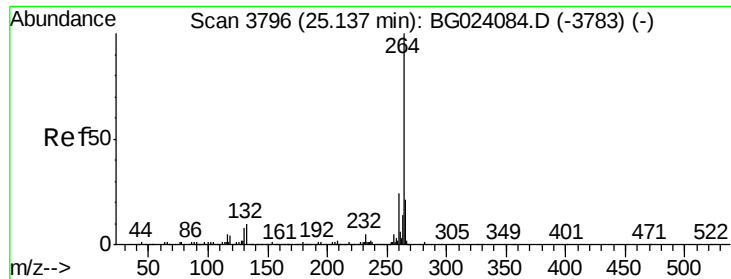


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.12 min Scan# 3793
Delta R.T. -0.02 min
Lab File: BG024130.D
Acq: 24 Sep 2016 19:02

Instrument :
BNA_G
ClientSampleId :
MW-03S-092116

Tgt Ion:	264	Resp:	415974
Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.4	27.6
265	21.5	18.9	28.3

