

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
 Data File : BG022631.D
 Acq On : 27 Jun 2016 5:24
 Operator : UM/SJ
 Sample : H3733-05
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-11

Quant Time: Jun 27 07:26:53 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	141854	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	605607	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	418789	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1081838	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1272692	20.00	ng	0.00
86) Perylene-d12	25.21	264	1266856	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	480842	54.37	ng	0.00
7) Phenol-d6	7.31	99	451937	36.25	ng	0.00
23) Nitrobenzene-d5	9.33	82	1178741	82.38	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	942843	143.14	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2240011	84.83	ng	0.00
78) Terphenyl-d14	20.16	244	3303620	68.77	ng	0.00

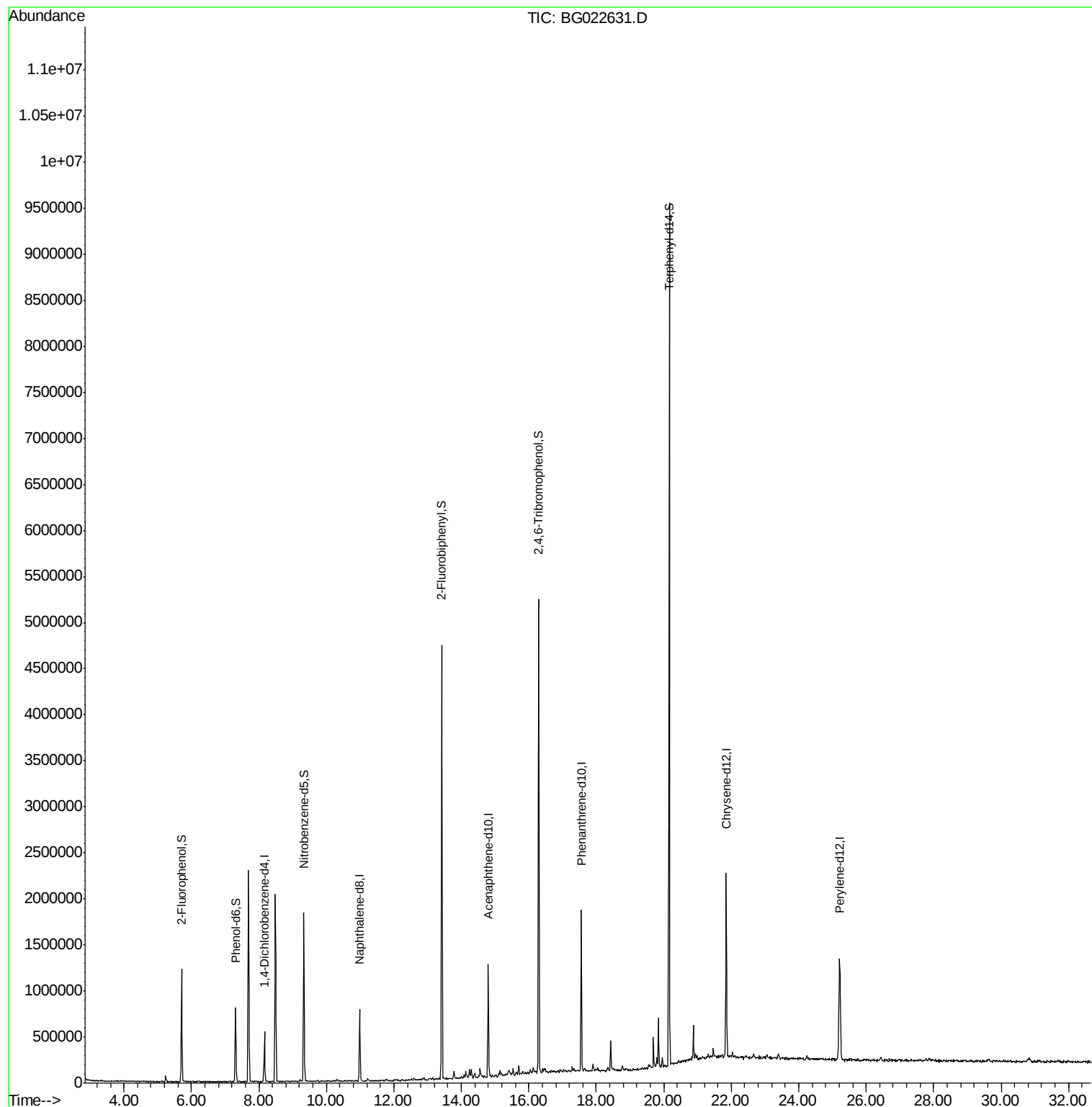
Target Compounds	Qvalue
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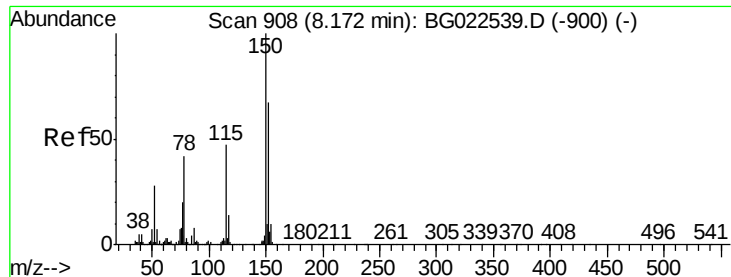
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022631.D

Acq: 27 Jun 2016 5:24

Instrument :

BNA_G

ClientSampleId :

MW-11

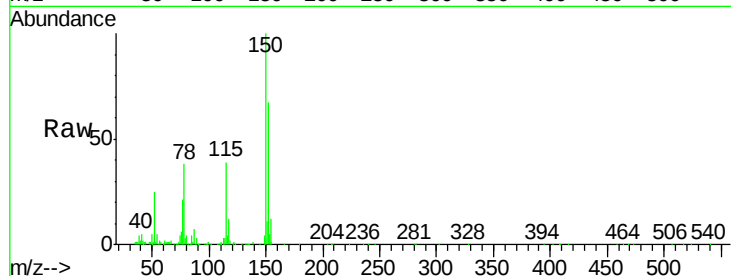
Tgt Ion:152 Resp: 141854

Ion Ratio Lower Upper

152 100

150 148.8 144.7 217.1

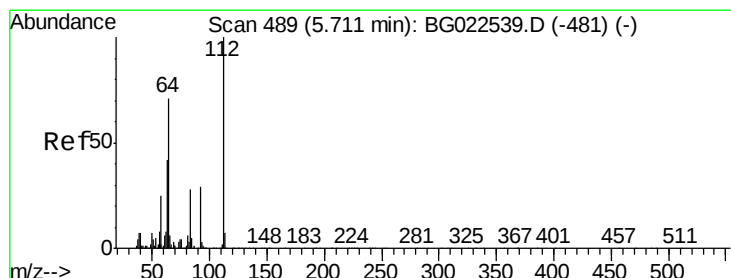
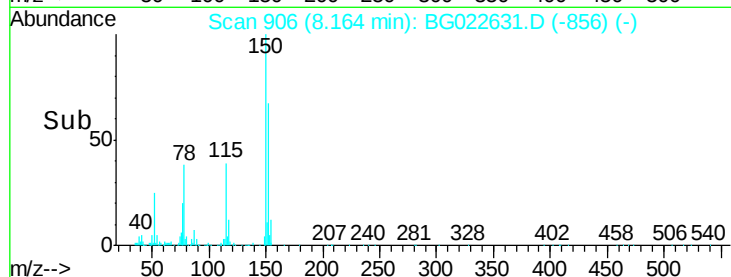
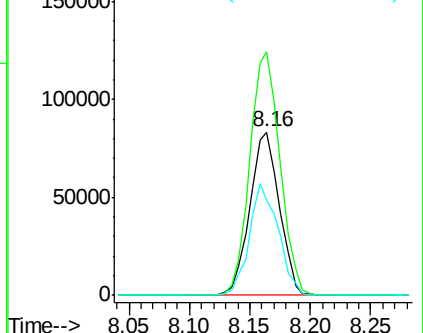
115 58.1 64.0 96.0#



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: 54.37 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022631.D

Acq: 27 Jun 2016 5:24

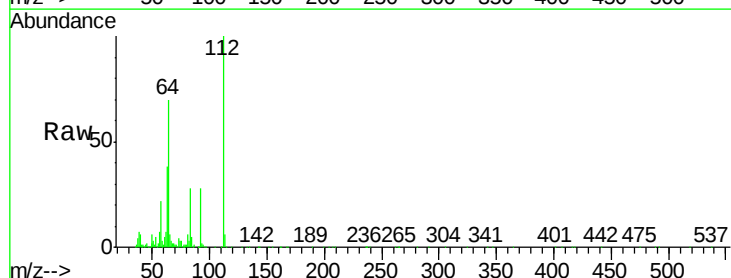
Tgt Ion:112 Resp: 480842

Ion Ratio Lower Upper

112 100

64 69.7 59.0 88.4

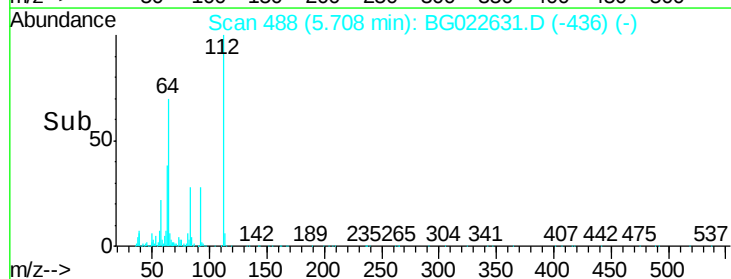
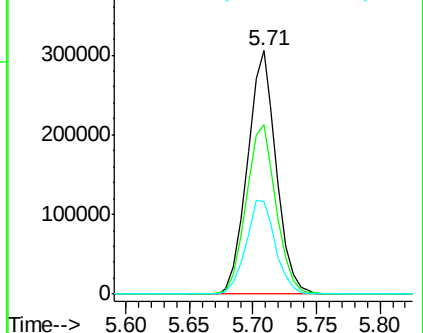
63 38.0 37.8 56.8



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: 36.25 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022631.D

Acq: 27 Jun 2016 5:24

Instrument :

BNA_G

ClientSampleId :

MW-11

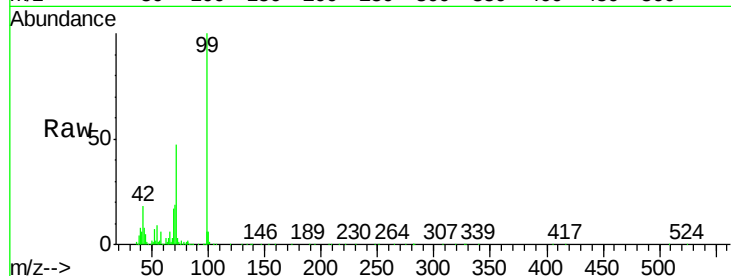
Tgt Ion: 99 Resp: 451937

Ion Ratio Lower Upper

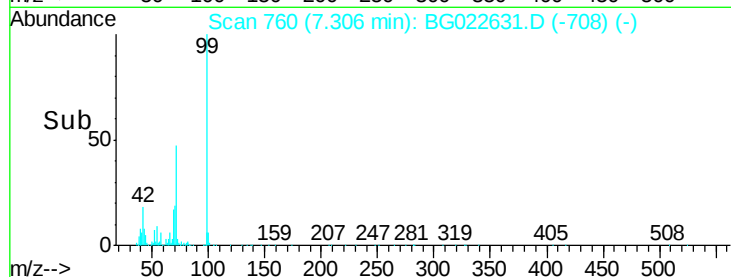
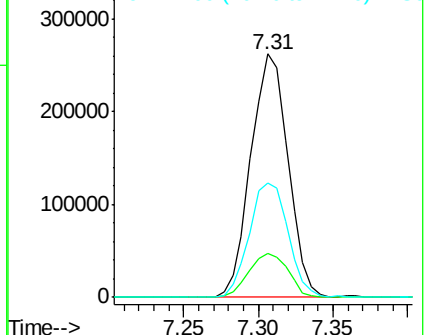
99 100

42 18.0 17.8 26.6

71 47.0 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: 10.98 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BG022631.D

Acq: 27 Jun 2016 5:24

Tgt Ion: 136 Resp: 605607

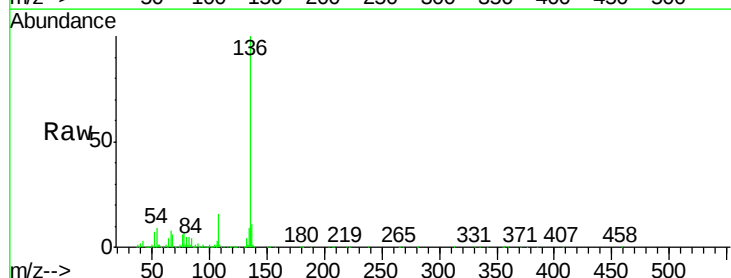
Ion Ratio Lower Upper

136 100

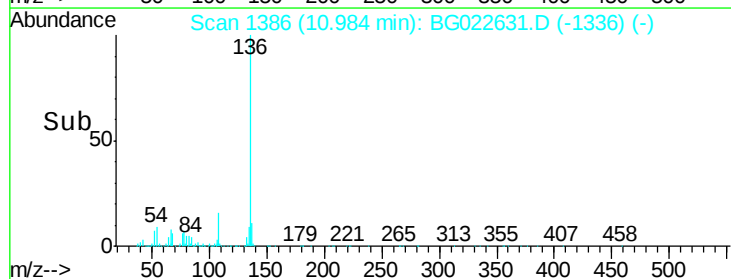
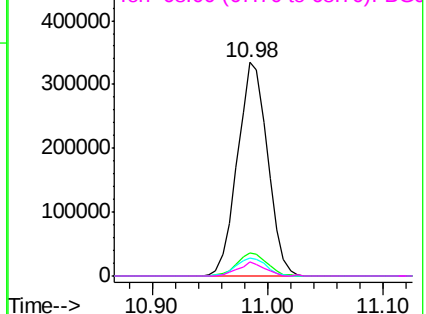
137 10.8 9.6 14.4

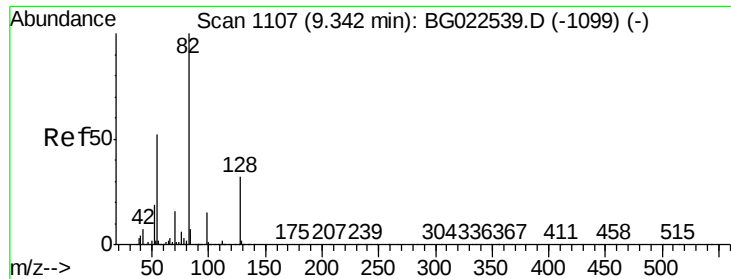
54 8.7 7.3 10.9

68 6.4 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

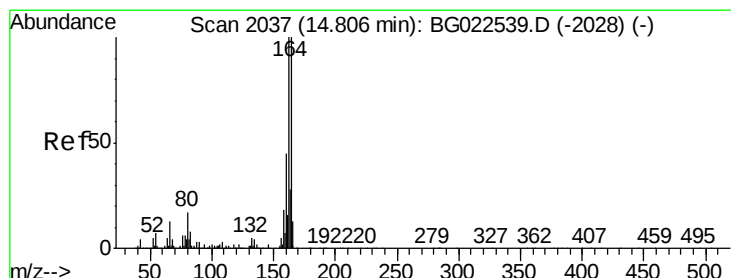
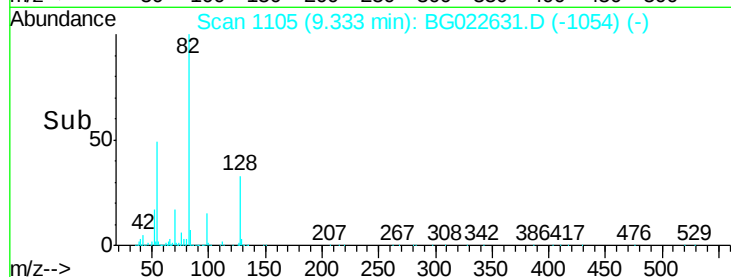
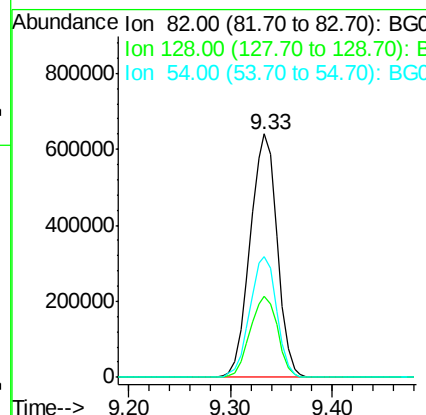
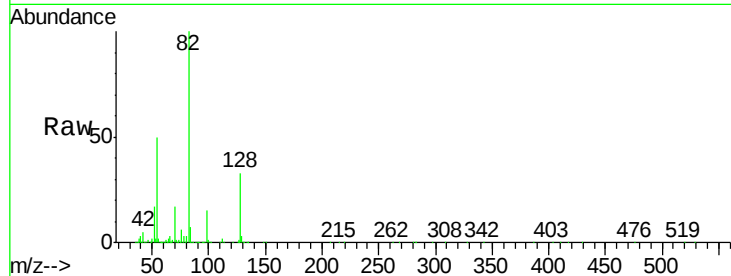




#23
 Nitrobenzene-d5
 Concen: 82.38 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.00 min
 Lab File: BG022631.D
 Acq: 27 Jun 2016 5:24

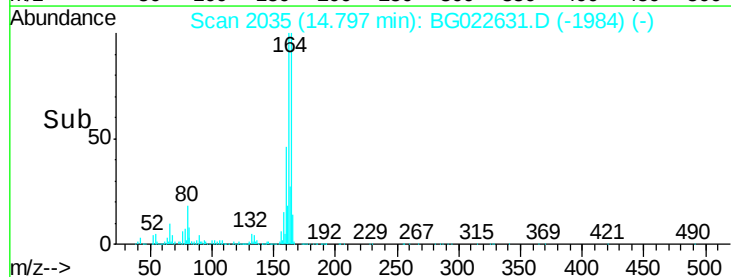
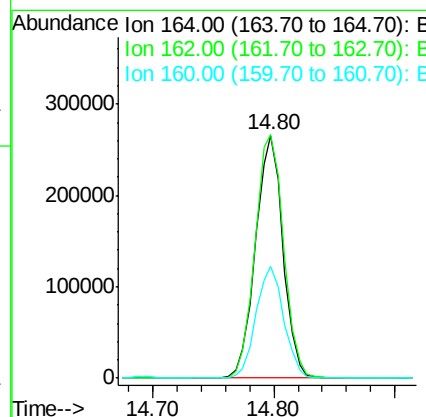
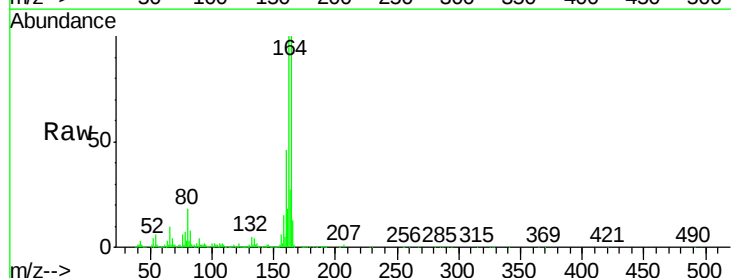
Instrument :
 BNA_G
 ClientSampleId :
 MW-11

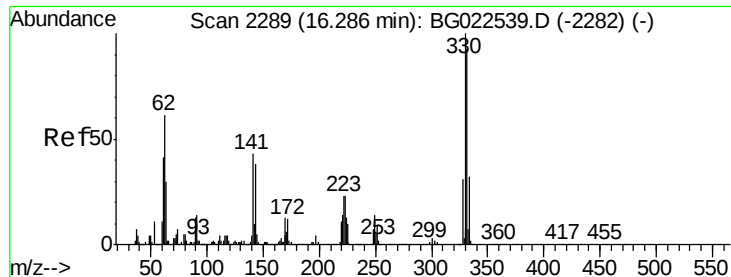
Tgt Ion: 82 Resp: 1178741
 Ion Ratio Lower Upper
 82 100
 128 33.2 24.4 36.6
 54 49.5 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG022631.D
 Acq: 27 Jun 2016 5:24

Tgt Ion: 164 Resp: 418789
 Ion Ratio Lower Upper
 164 100
 162 100.4 87.7 131.5
 160 46.2 37.2 55.8





#41

2,4,6-Tribromophenol

Concen: 143.14 ng

RT: 16.29 min Scan# 2289

Delta R.T. 0.00 min

Lab File: BG022631.D

Acq: 27 Jun 2016 5:24

Instrument :

BNA_G

ClientSampleId :

MW-11

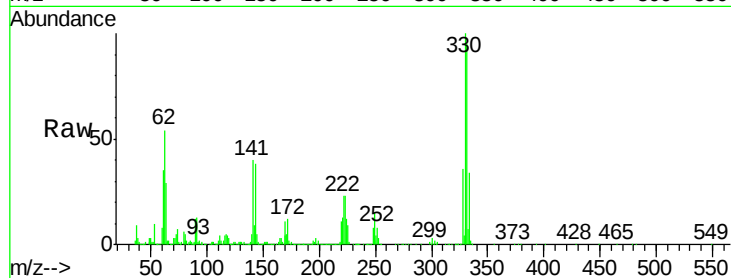
Tgt Ion:330 Resp: 942843

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.2

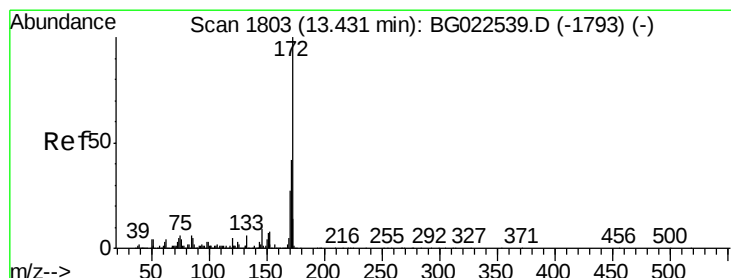
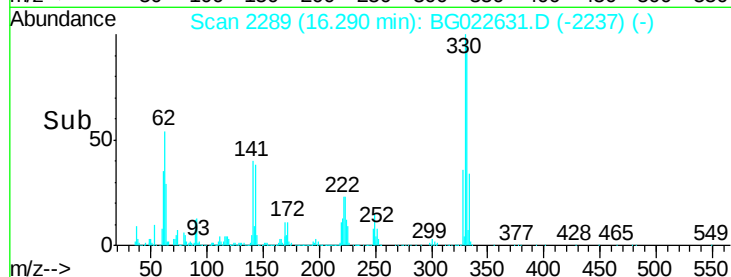
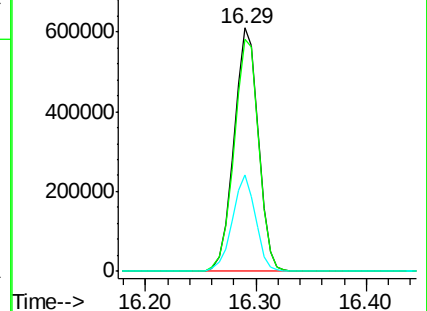
141 37.5 31.7 47.5



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: 84.83 ng

RT: 13.42 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BG022631.D

Acq: 27 Jun 2016 5:24

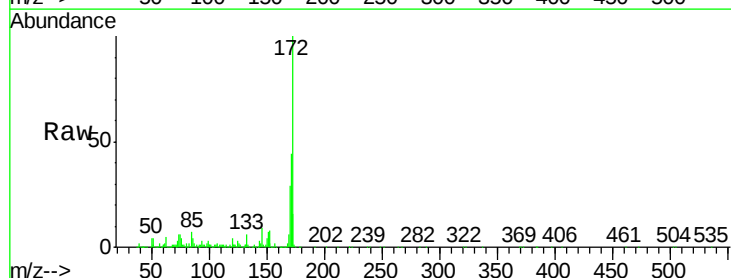
Tgt Ion:172 Resp: 2240011

Ion Ratio Lower Upper

172 100

171 43.9 31.6 47.4

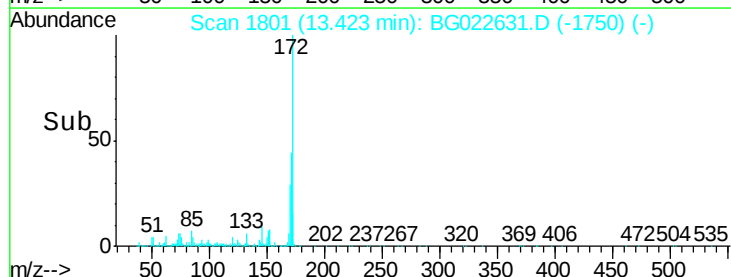
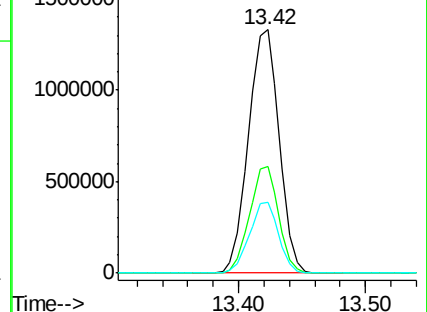
170 29.3 21.3 31.9

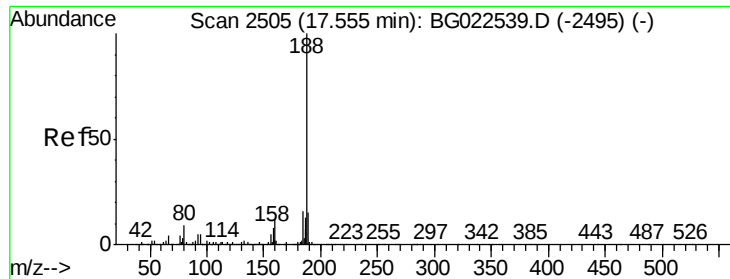


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

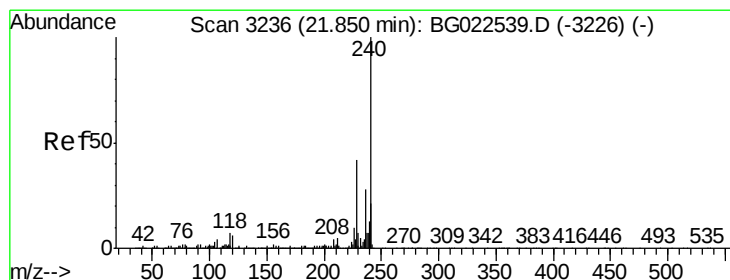
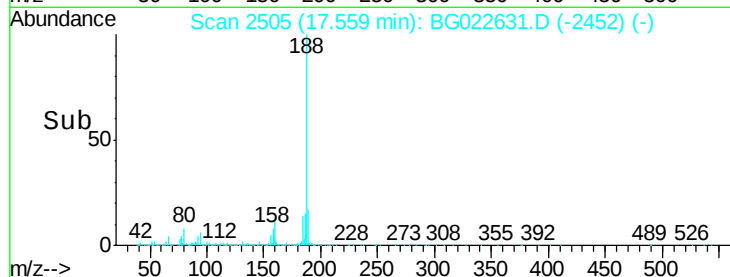
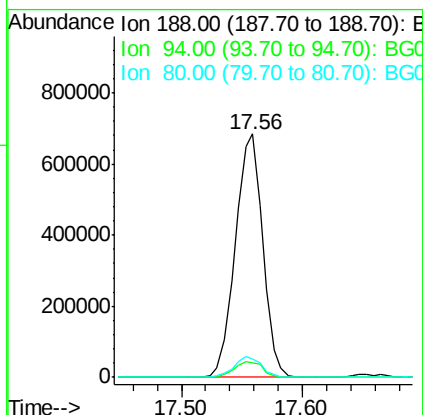
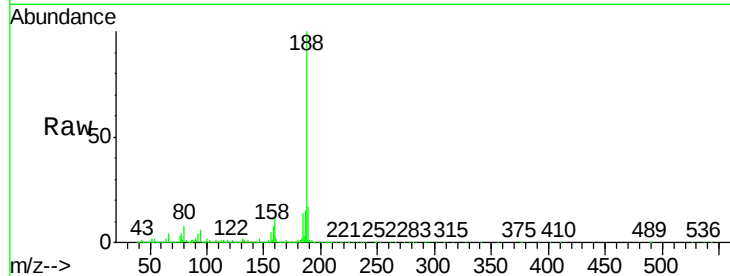




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. 0.01 min
Lab File: BG022631.D
Acq: 27 Jun 2016 5:24

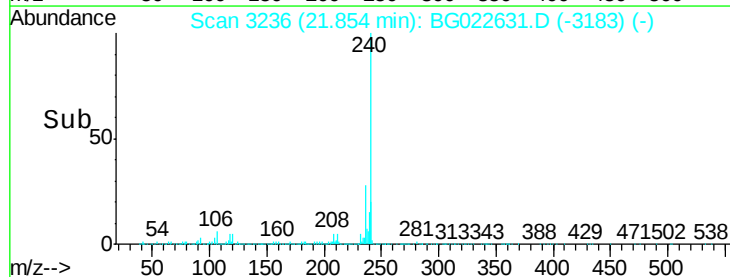
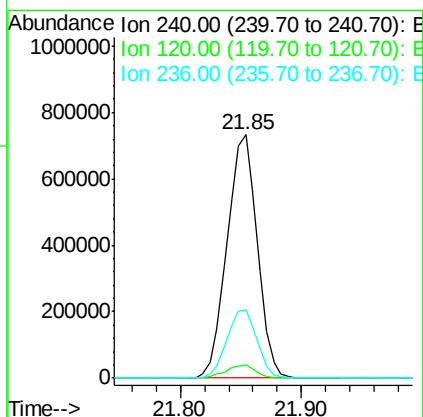
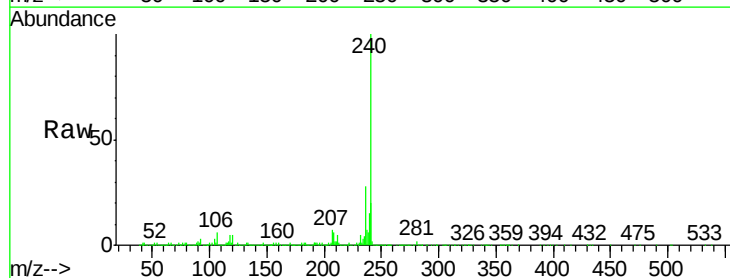
Instrument :
BNA_G
ClientSampleId :
MW-11

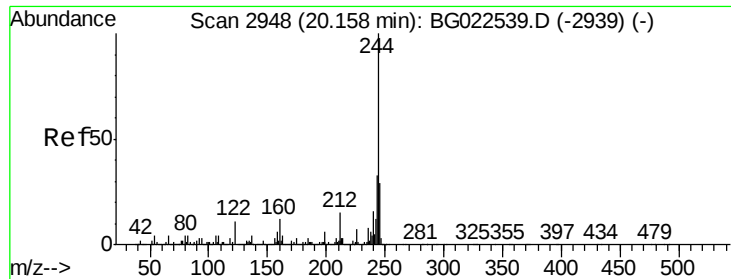
Tgt Ion:188 Resp: 1081838
Ion Ratio Lower Upper
188 100
94 6.0 5.2 7.8
80 7.6 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.01 min
Lab File: BG022631.D
Acq: 27 Jun 2016 5:24

Tgt Ion:240 Resp: 1272692
Ion Ratio Lower Upper
240 100
120 5.4 4.1 6.1
236 28.3 21.1 31.7





#78

Terphenyl-d14

Concen: 68.77 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG022631.D

Acq: 27 Jun 2016 5:24

Instrument :

BNA_G

ClientSampled :

MW-11

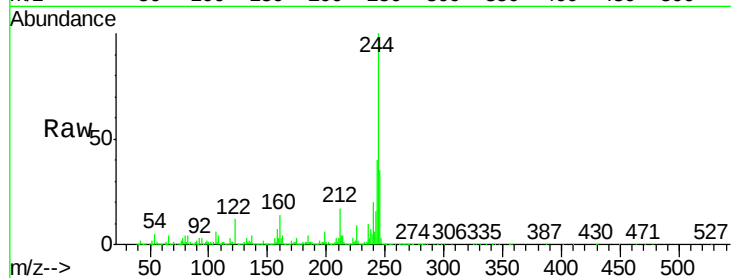
Tgt Ion:244 Resp: 3303620

Ion Ratio Lower Upper

244 100

212 17.3 10.8 16.2#

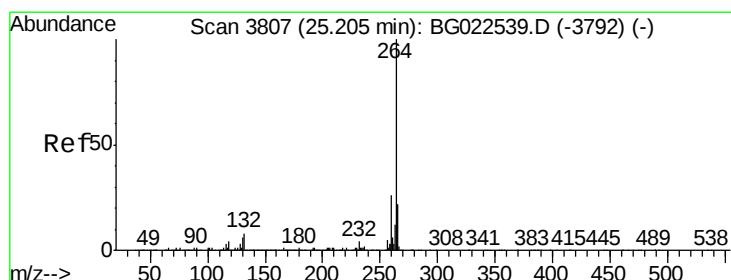
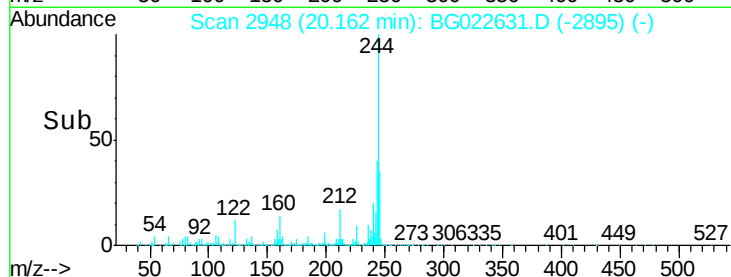
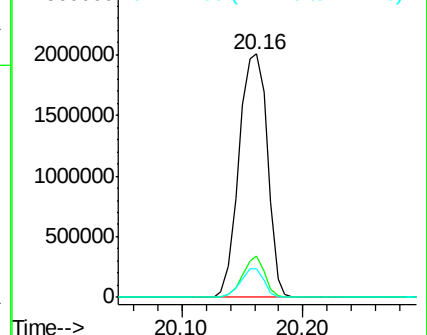
122 11.8 8.0 12.0



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: 25.21 min Scan# 3808

Delta R.T. 0.01 min

Lab File: BG022631.D

Acq: 27 Jun 2016 5:24

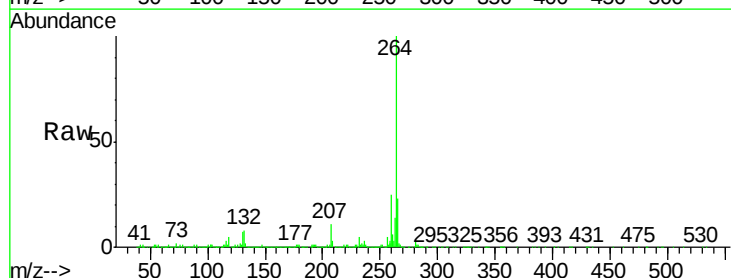
Tgt Ion:264 Resp: 1266856

Ion Ratio Lower Upper

264 100

260 25.4 18.4 27.6

265 22.9 18.9 28.3



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

