

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070716\
 Data File : BG022877.D
 Acq On : 6 Jul 2016 15:24
 Operator : UM/SJ
 Sample : H3801-01 50X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LAR9938

Quant Time: Jul 06 18:11:44 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	121617	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	529036	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	447975	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1043720	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1166514	20.00	ng	0.00
86) Perylene-d12	25.22	264	1196466	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	17546	2.31	ng	0.00
7) Phenol-d6	7.31	99	29544	2.76	ng	0.01
23) Nitrobenzene-d5	9.32	82	133061	10.65	ng	-0.01
41) 2,4,6-Tribromophenol	16.29	330	18315	2.60	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	61884	2.19	ng	0.00
78) Terphenyl-d14	20.15	244	107539	2.44	ng	0.00

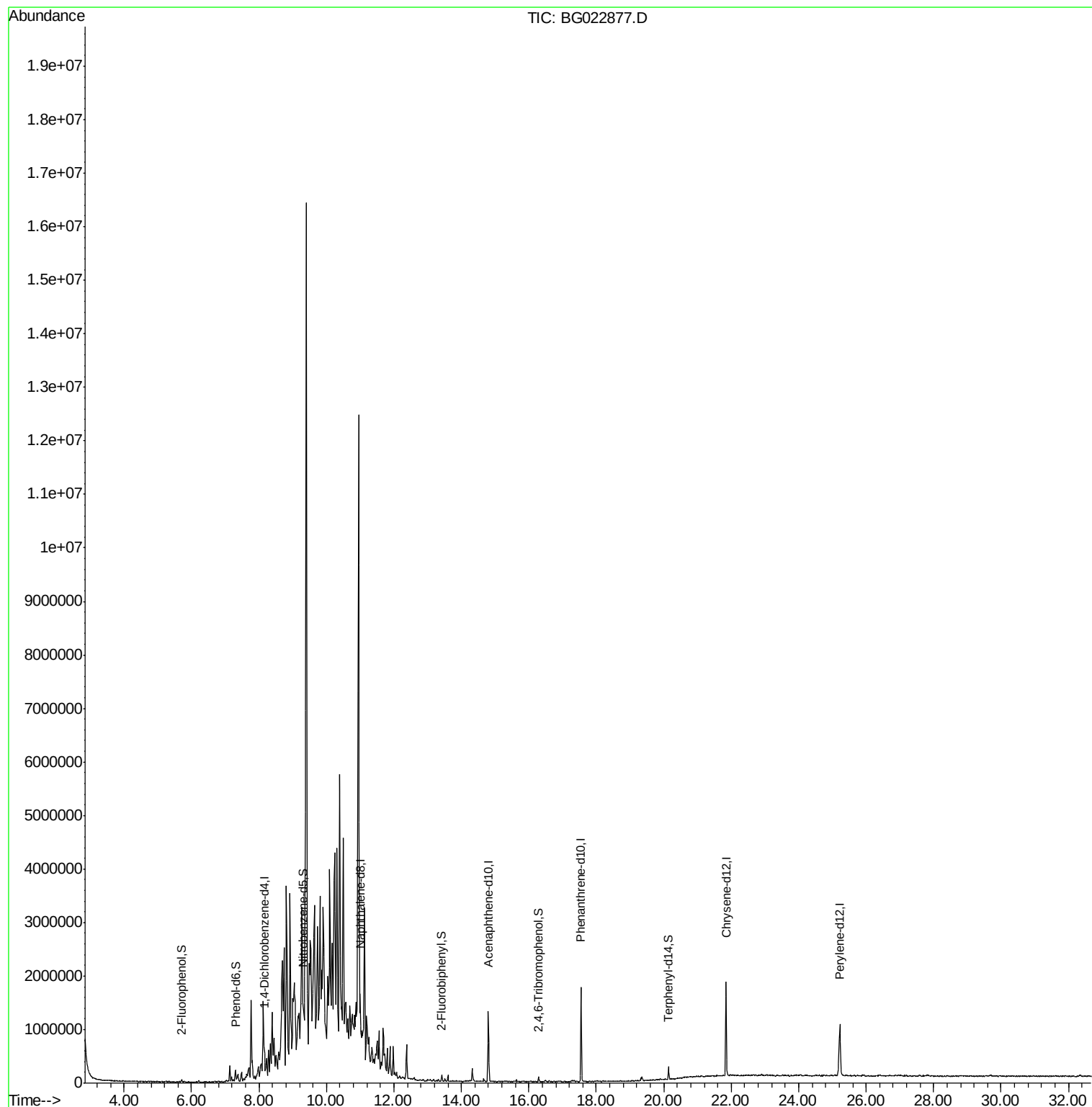
Target Compounds	Qvalue
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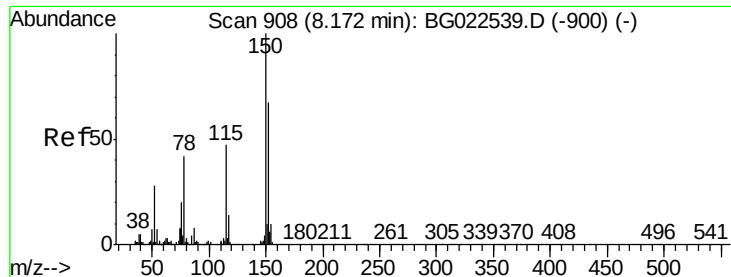
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 24 20:14:59 2016
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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: BG022877.D

Acq: 6 Jul 2016 15:24

Instrument :

BNA_G

ClientSampled :

LAR9938

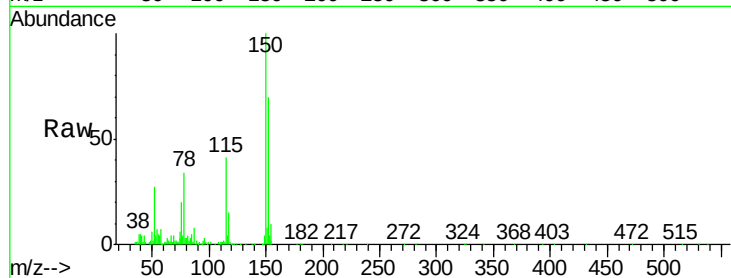
Tgt Ion:152 Resp: 121617

Ion Ratio Lower Upper

152 100

150 141.9 144.7 217.1#

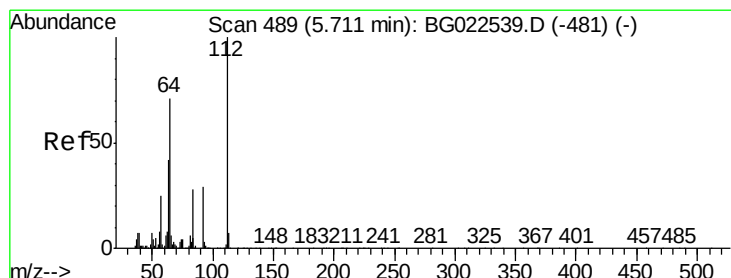
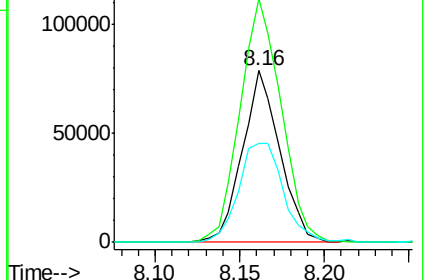
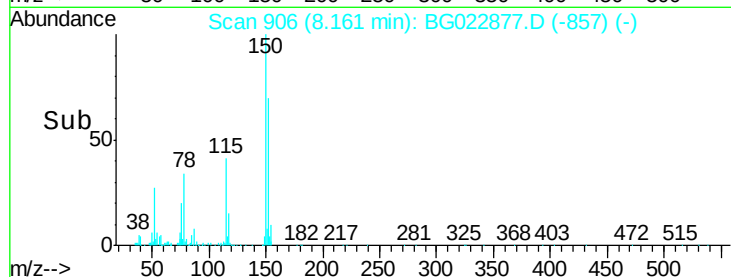
115 57.5 64.0 96.0#



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: 2.31 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022877.D

Acq: 6 Jul 2016 15:24

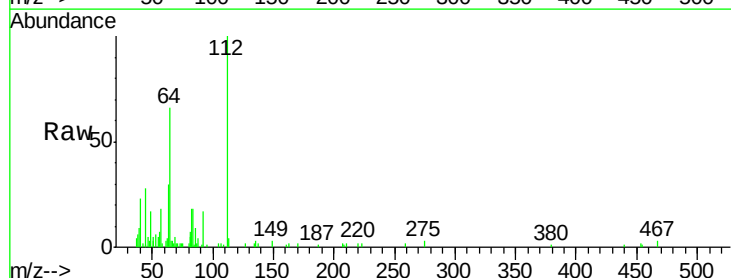
Tgt Ion:112 Resp: 17546

Ion Ratio Lower Upper

112 100

64 66.1 59.0 88.4

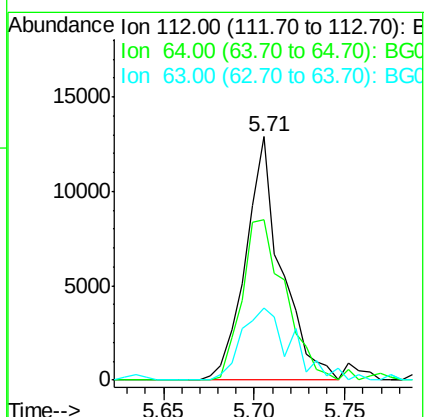
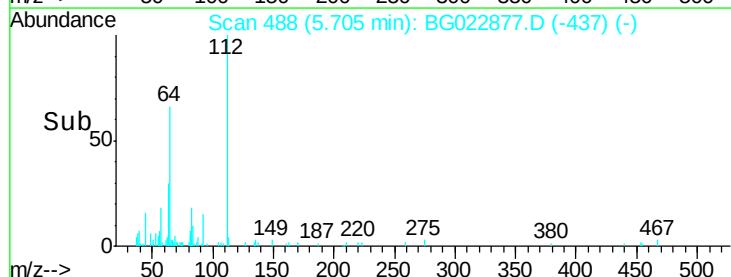
63 29.7 37.8 56.8#

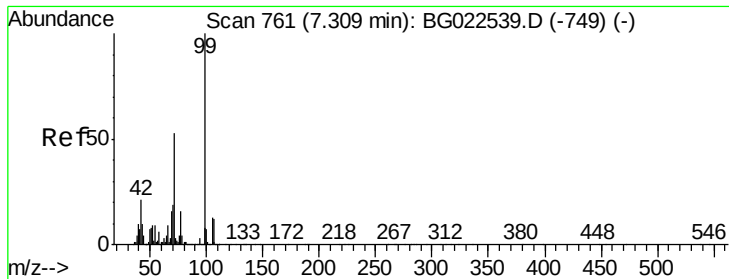


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 2.76 ng

RT: 7.31 min Scan# 762

Delta R.T. 0.01 min

Lab File: BG022877.D

Acq: 6 Jul 2016 15:24

Instrument :

BNA_G

ClientSampleId :

LAR9938

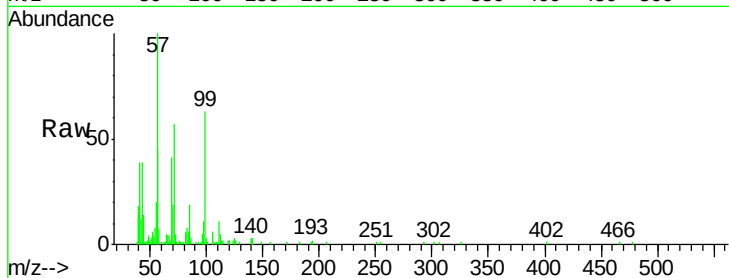
Tgt Ion: 99 Resp: 29544

Ion Ratio Lower Upper

99 100

42 19.6 17.8 26.6

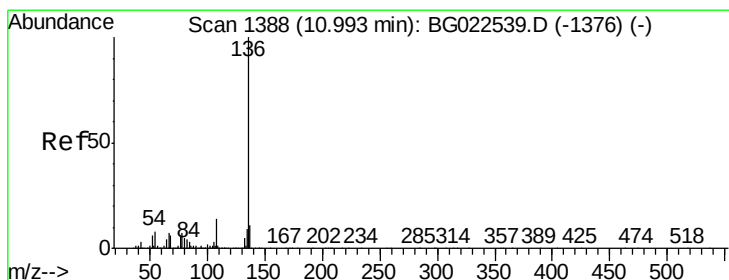
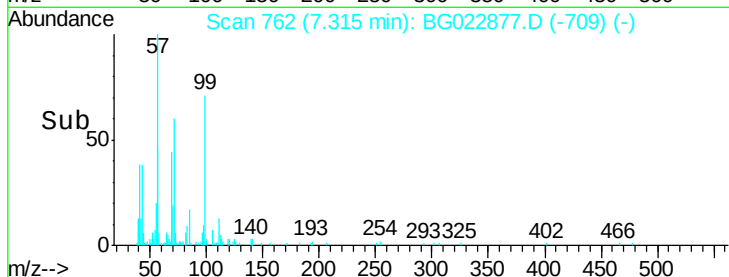
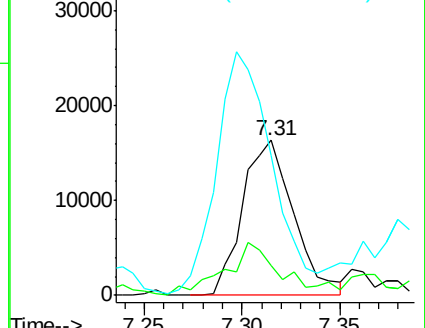
71 90.0 41.5 62.3#



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: 10.99 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BG022877.D

Acq: 6 Jul 2016 15:24

Tgt Ion: 136 Resp: 529036

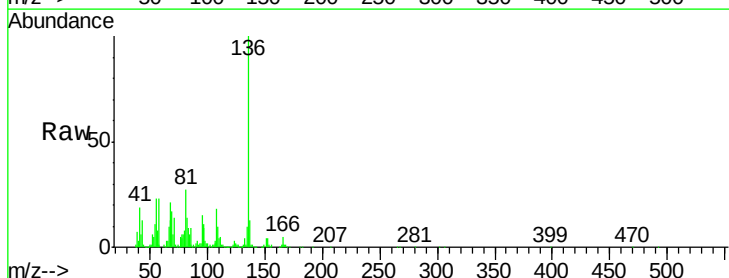
Ion Ratio Lower Upper

136 100

137 12.8 9.6 14.4

54 11.5 7.3 10.9#

68 12.7 5.3 7.9#

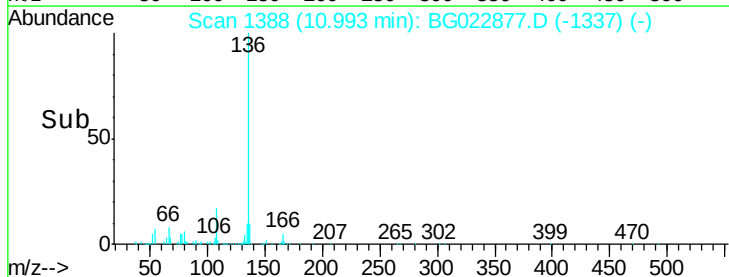
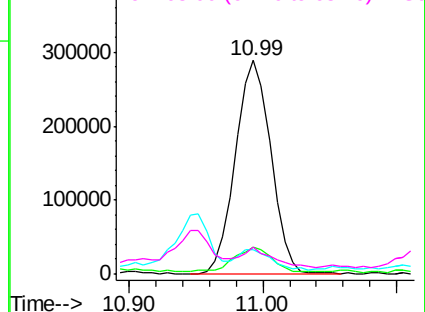


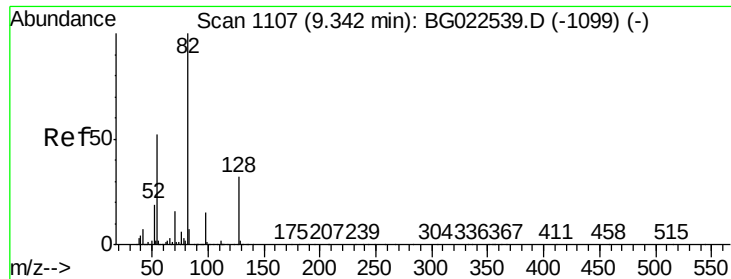
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

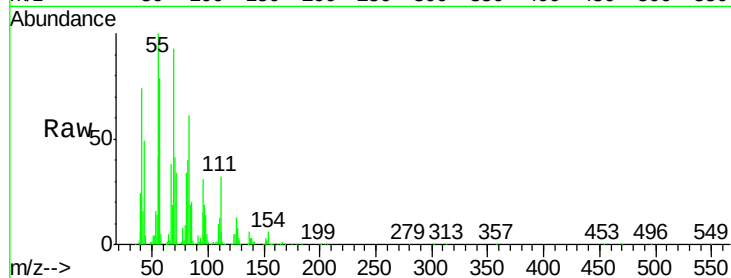




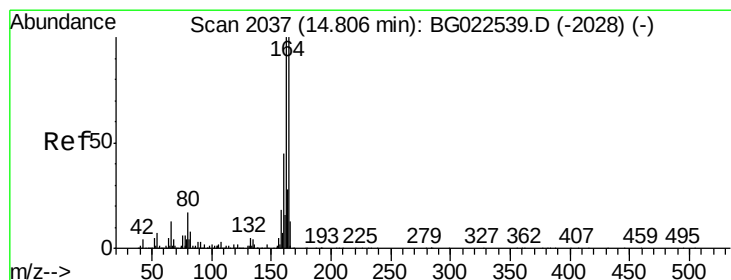
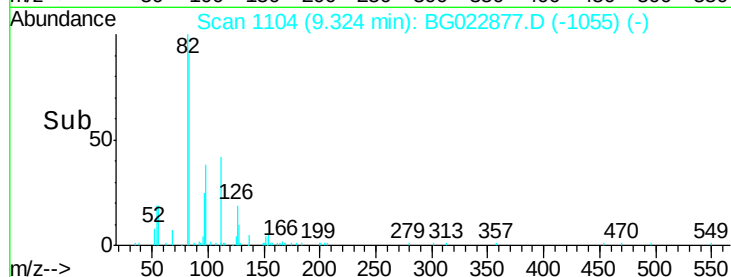
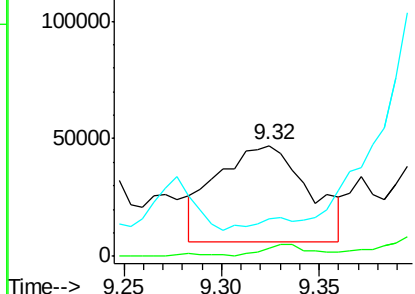
#23
 Nitrobenzene-d5
 Concen: 10.65 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BG022877.D
 Acq: 6 Jul 2016 15:24

Instrument :
 BNA_G
 ClientSampleId :
 LAR9938

Tgt Ion: 82 Resp: 133061
 Ion Ratio Lower Upper
 82 100
 128 7.3 24.4 36.6#
 54 33.7 41.4 62.0#

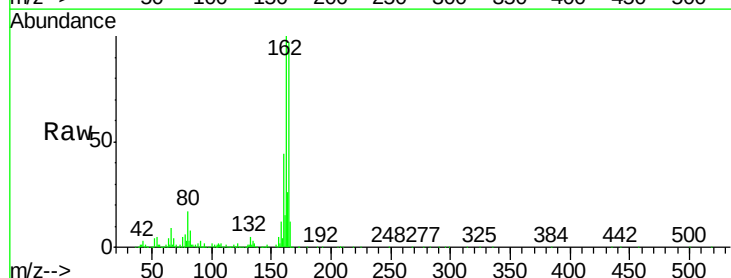


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

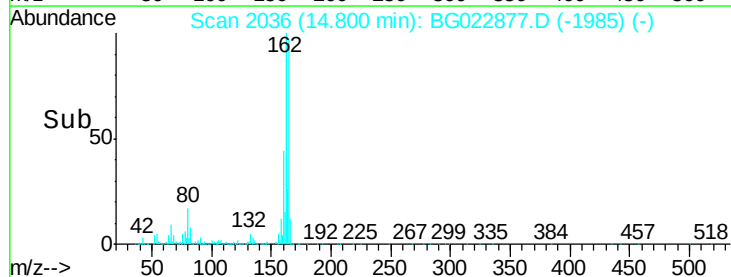
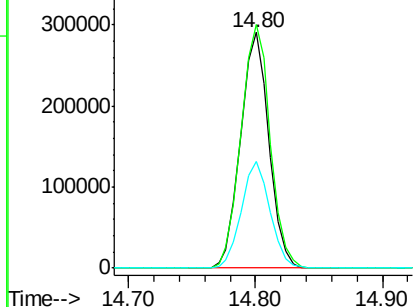


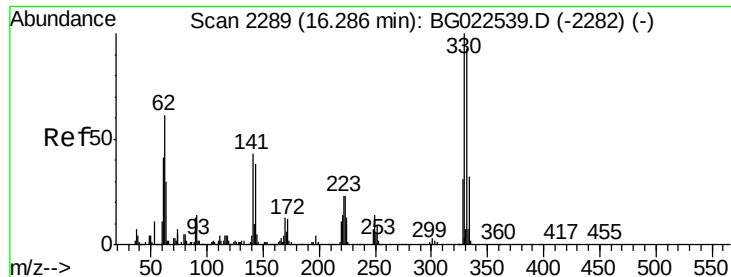
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: BG022877.D
 Acq: 6 Jul 2016 15:24

Tgt Ion: 164 Resp: 447975
 Ion Ratio Lower Upper
 164 100
 162 103.3 87.7 131.5
 160 45.0 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

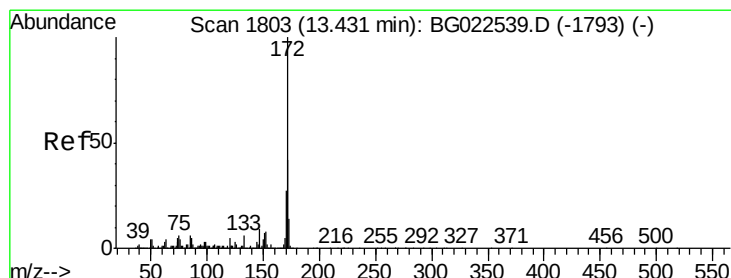
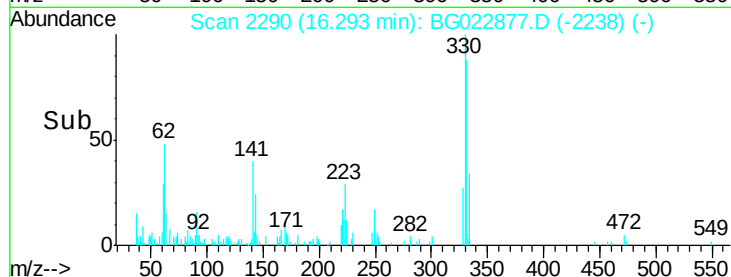
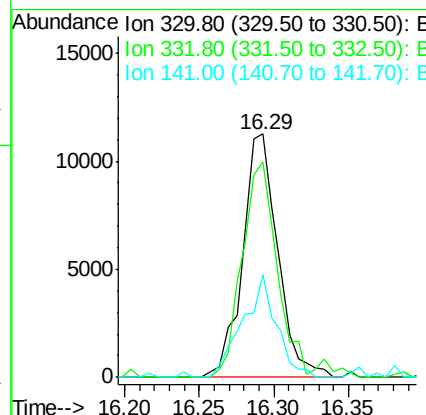
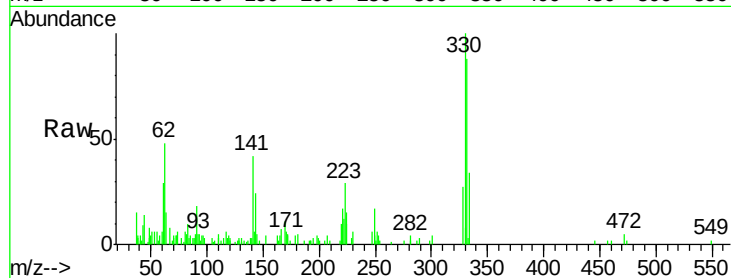




#41
 2,4,6-Tribromophenol
 Concen: 2.60 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. 0.01 min
 Lab File: BG022877.D
 Acq: 6 Jul 2016 15:24

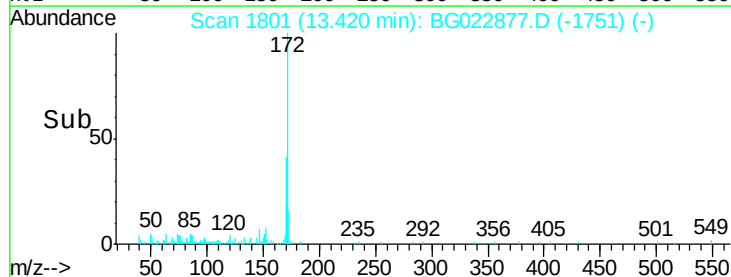
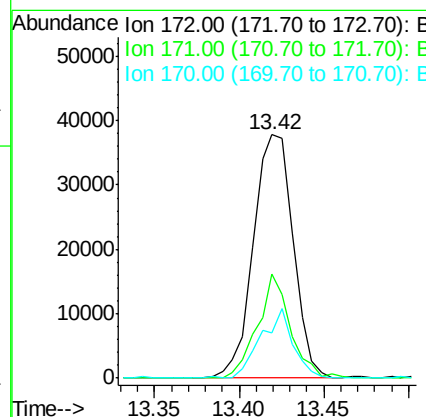
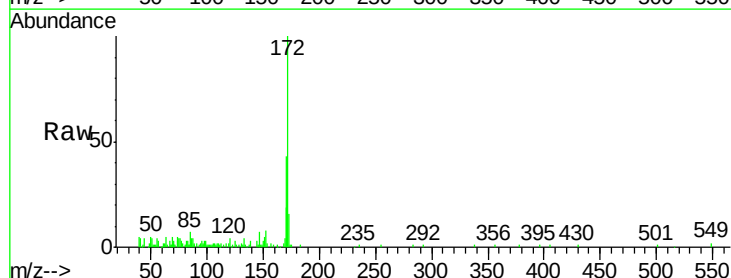
Instrument :
 BNA_G
 ClientSampleId :
 LAR9938

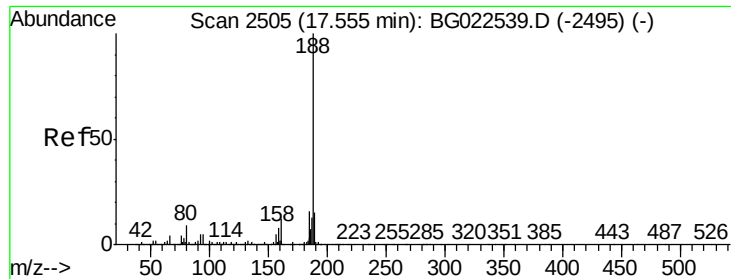
Tgt Ion:330 Resp: 18315
 Ion Ratio Lower Upper
 330 100
 332 88.8 77.4 116.2
 141 40.5 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 2.19 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG022877.D
 Acq: 6 Jul 2016 15:24

Tgt Ion:172 Resp: 61884
 Ion Ratio Lower Upper
 172 100
 171 42.5 31.6 47.4
 170 18.8 21.3 31.9#

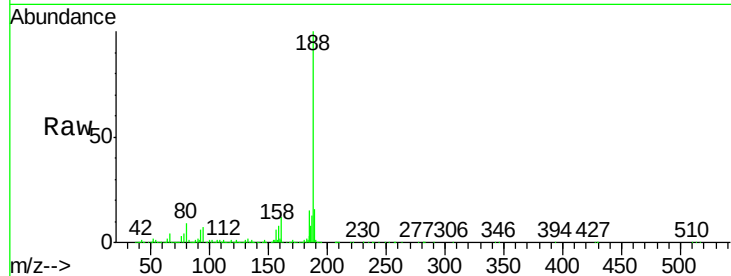




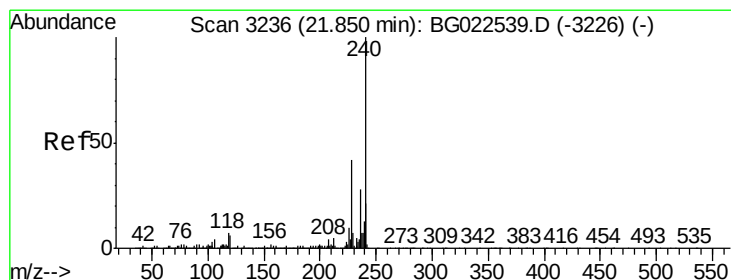
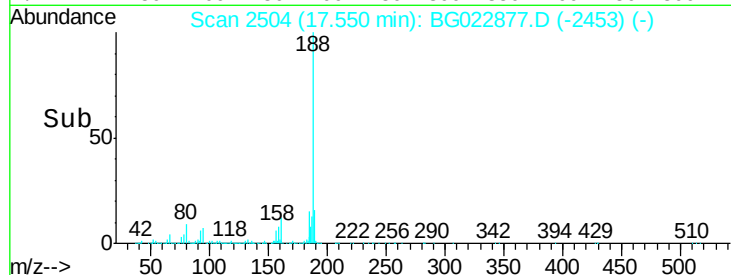
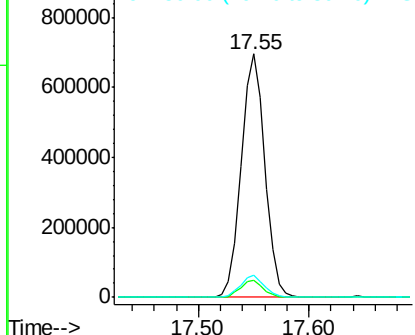
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.00 min
Lab File: BG022877.D
Acq: 6 Jul 2016 15:24

Instrument :
BNA_G
ClientSampleId :
LAR9938

Tgt Ion:188 Resp: 1043720
Ion Ratio Lower Upper
188 100
94 7.3 5.2 7.8
80 9.1 7.2 10.8

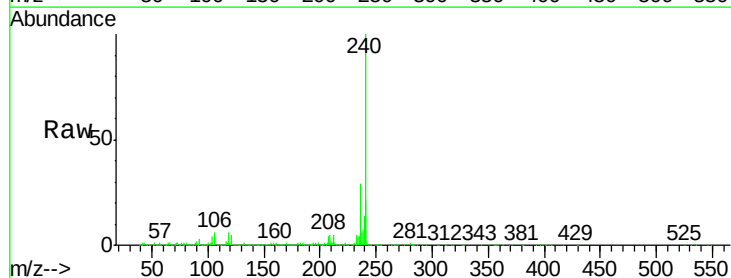


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

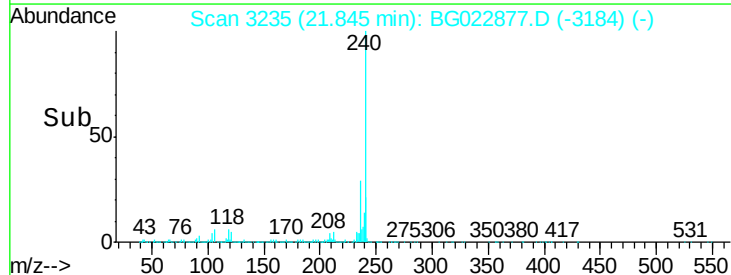
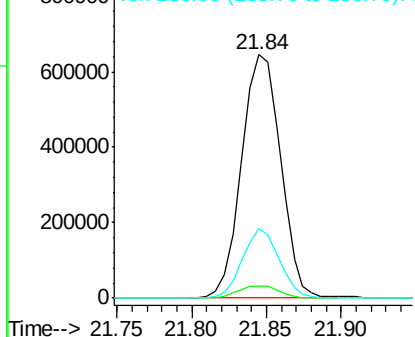


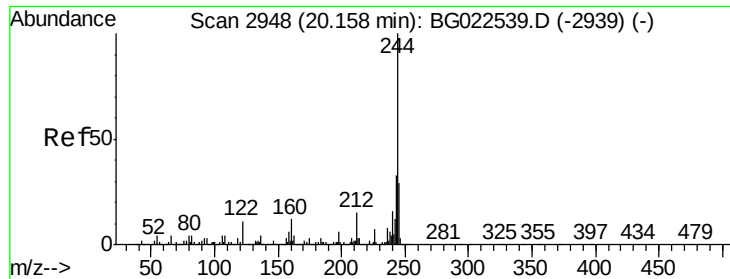
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG022877.D
Acq: 6 Jul 2016 15:24

Tgt Ion:240 Resp: 1166514
Ion Ratio Lower Upper
240 100
120 4.8 4.1 6.1
236 28.6 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: 2.44 ng

RT: 20.15 min Scan# 2946

Delta R.T. -0.01 min

Lab File: BG022877.D

Acq: 6 Jul 2016 15:24

Instrument :

BNA_G

ClientSampleId :

LAR9938

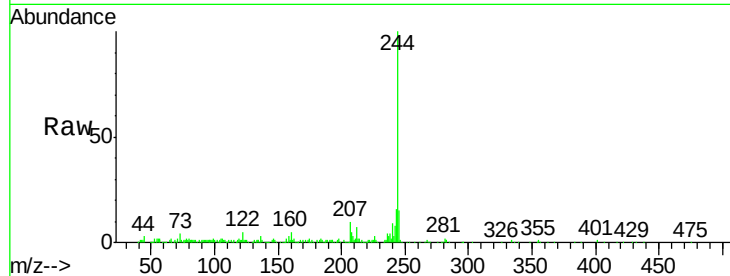
Tgt Ion:244 Resp: 107539

Ion Ratio Lower Upper

244 100

212 7.1 10.8 16.2#

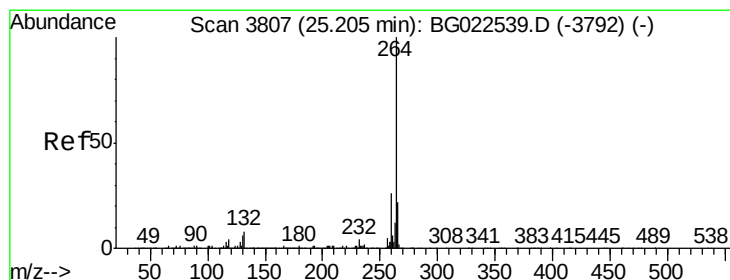
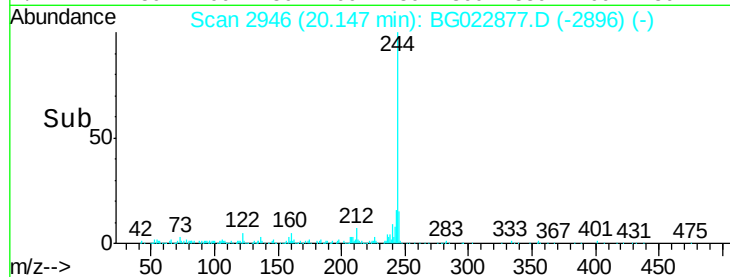
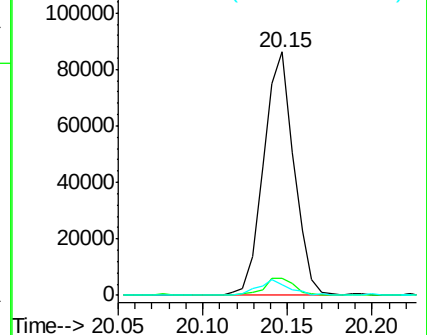
122 4.5 8.0 12.0#



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: 25.22 min Scan# 3809

Delta R.T. 0.01 min

Lab File: BG022877.D

Acq: 6 Jul 2016 15:24

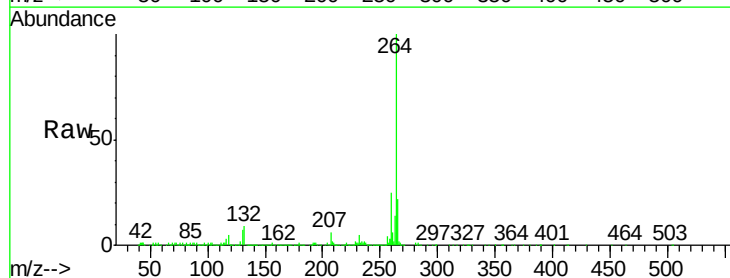
Tgt Ion:264 Resp: 1196466

Ion Ratio Lower Upper

264 100

260 25.2 18.4 27.6

265 21.9 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

