

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062016\
 Data File : BG022456.D
 Acq On : 21 Jun 2016 1:01
 Operator : UM/SJ
 Sample : H3679-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-34

Quant Time: Jun 21 02:14:04 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

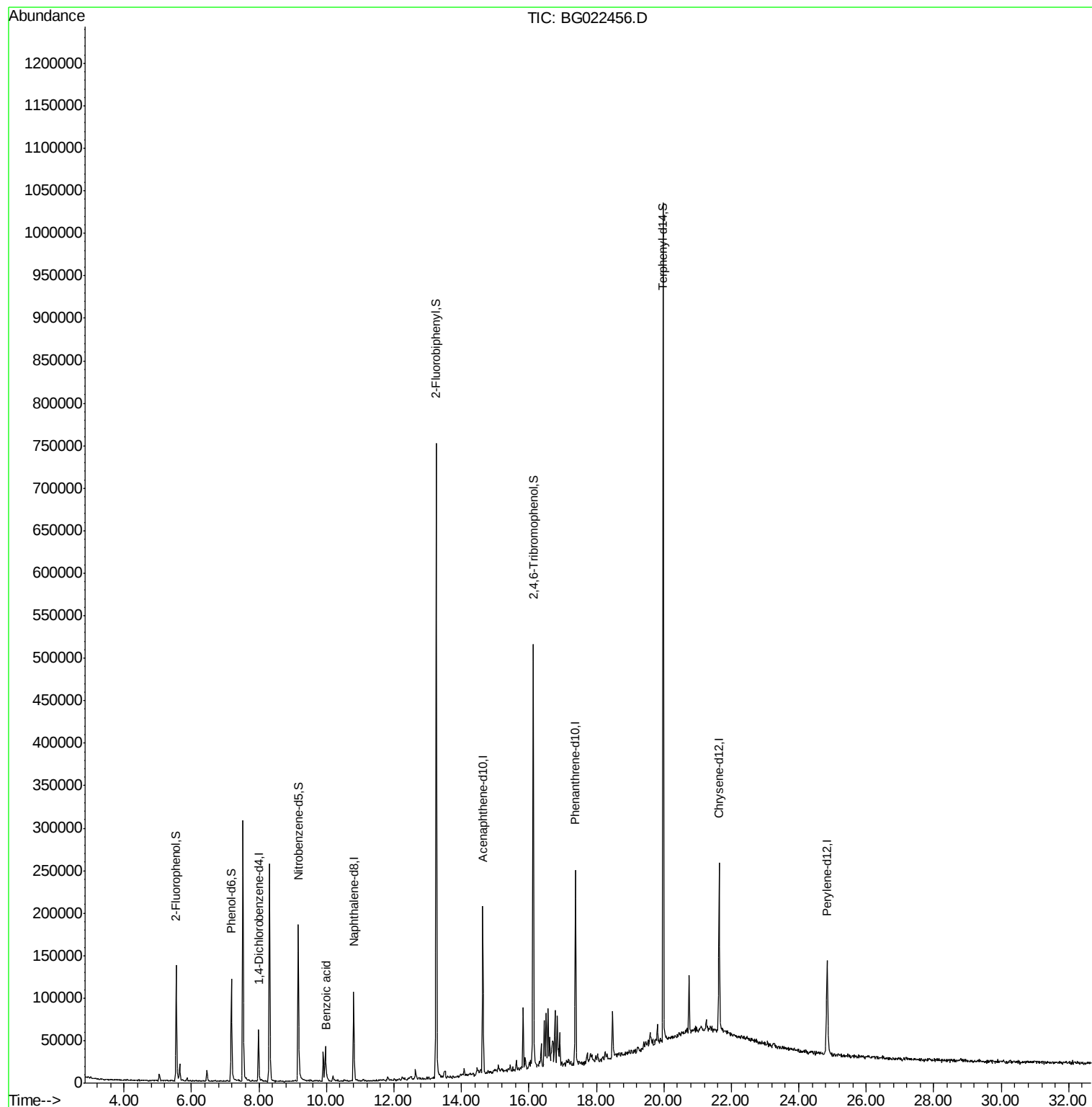
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	22693	20.00	ng	-0.10
21) Naphthalene-d8	10.81	136	114352	20.00	ng	-0.10
38) Acenaphthene-d10	14.63	164	72934	20.00	ng	-0.09
63) Phenanthrene-d10	17.38	188	151216	20.00	ng	-0.09
75) Chrysene-d12	21.63	240	114844	20.00	ng	-0.10
86) Perylene-d12	24.84	264	103576	20.00	ng	-0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	95389	81.27	ng	-0.09
7) Phenol-d6	7.18	99	112886	61.17	ng	-0.07
23) Nitrobenzene-d5	9.16	82	158150	96.42	ng	-0.10
41) 2,4,6-Tribromophenol	16.13	330	95056	115.34	ng	-0.09
44) 2-Fluorobiphenyl	13.26	172	439797	91.90	ng	-0.09
78) Terphenyl-d14	19.98	244	424050	87.66	ng	-0.08
Target Compounds						
32) Benzoic acid	10.01	122	2563	12.42	ng	Qvalue # 11

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

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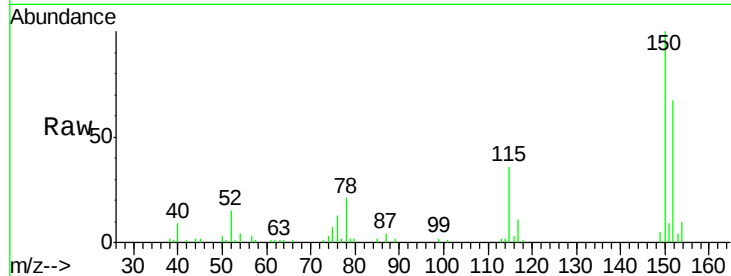


#1

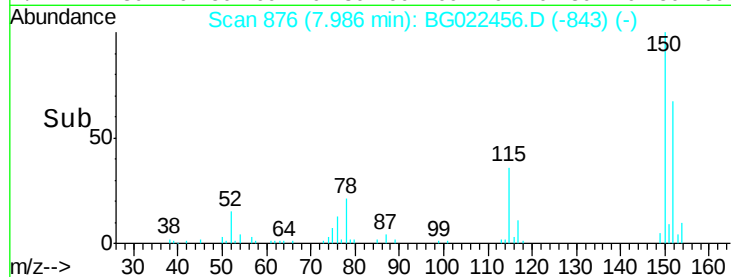
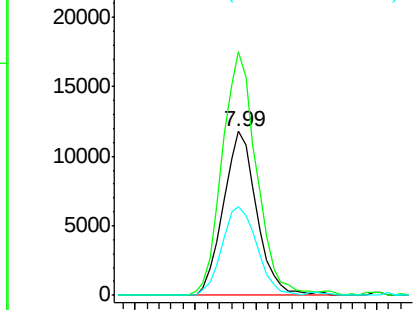
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.99 min Scan# 876
Delta R.T. -0.10 min
Lab File: BG022456.D
Acq: 21 Jun 2016 1:01

Instrument :
BNA_G
ClientSampleId :
W-34

Tgt Ion:152 Resp: 22693
Ion Ratio Lower Upper
152 100
150 148.5 130.1 195.1
115 53.8 62.2 93.2#



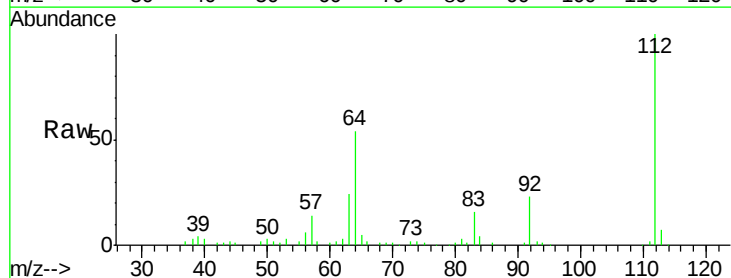
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



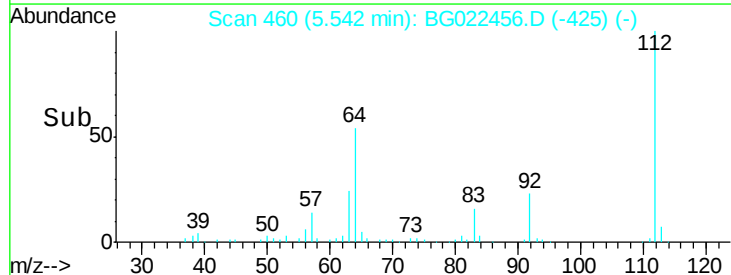
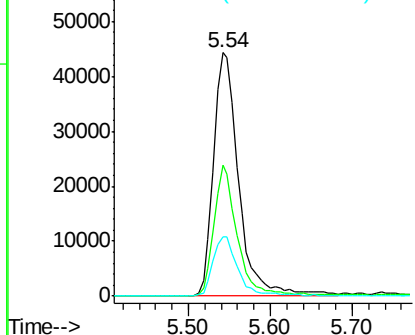
#5

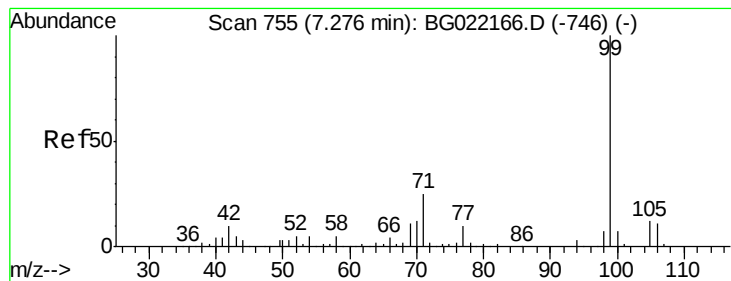
2-Fluorophenol
Concen: 81.27 ng
RT: 5.54 min Scan# 460
Delta R.T. -0.09 min
Lab File: BG022456.D
Acq: 21 Jun 2016 1:01

Tgt Ion:112 Resp: 95389
Ion Ratio Lower Upper
112 100
64 53.6 51.1 76.7
63 24.2 24.6 37.0#



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: 61.17 ng

RT: 7.18 min Scan# 739

Delta R.T. -0.07 min

Lab File: BG022456.D

Acq: 21 Jun 2016 1:01

Instrument :

BNA_G

ClientSampleId :

W-34

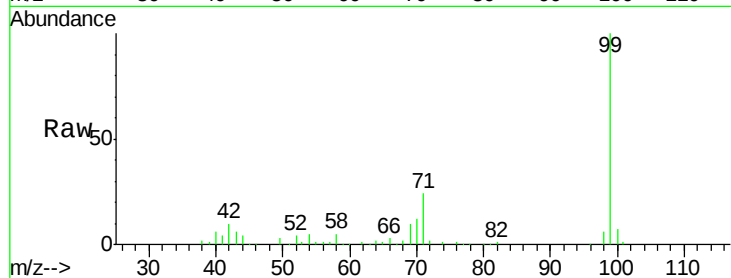
Tgt Ion: 99 Resp: 112886

Ion Ratio Lower Upper

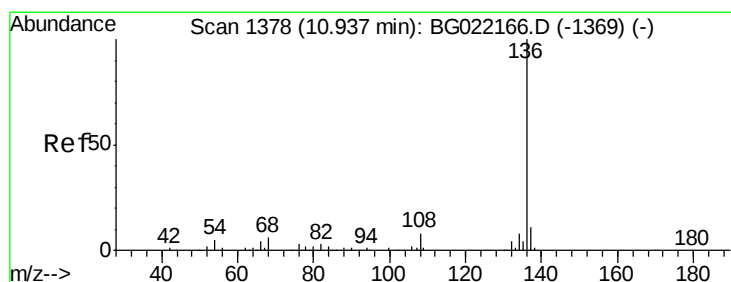
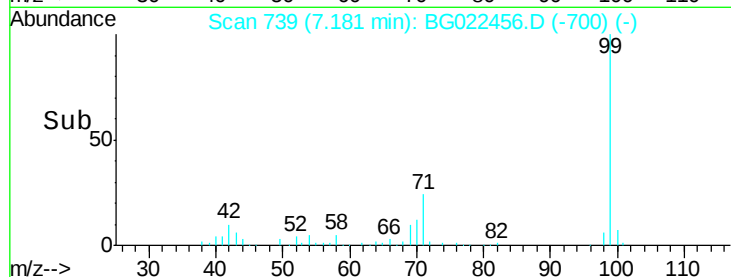
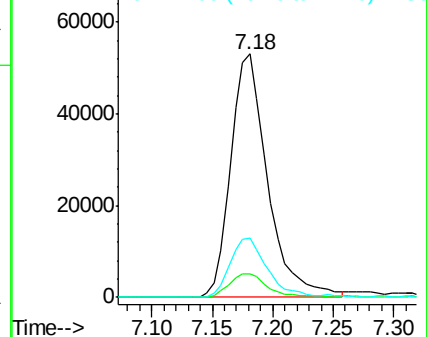
99 100

42 9.8 16.4 24.6#

71 24.4 25.0 37.4#



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: 10.81 min Scan# 1356

Delta R.T. -0.10 min

Lab File: BG022456.D

Acq: 21 Jun 2016 1:01

Tgt Ion: 136 Resp: 114352

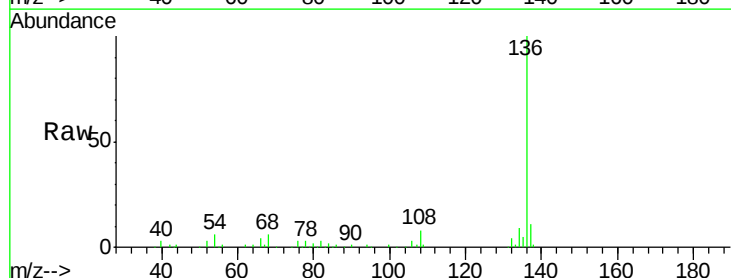
Ion Ratio Lower Upper

136 100

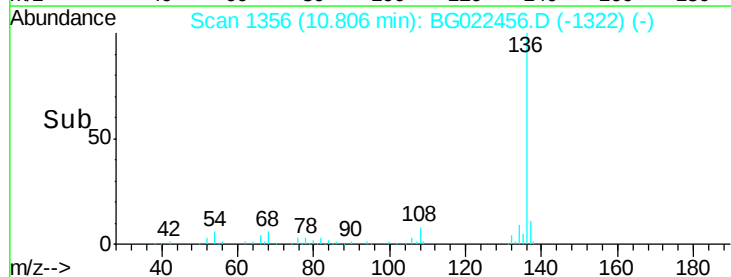
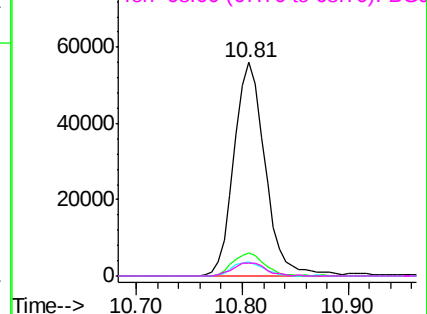
137 11.0 9.0 13.4

54 6.5 9.6 14.4#

68 5.9 6.4 9.6#



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

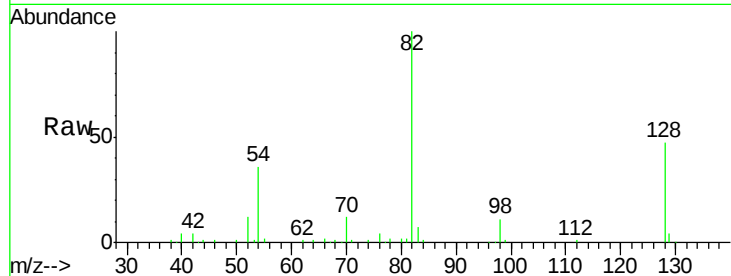




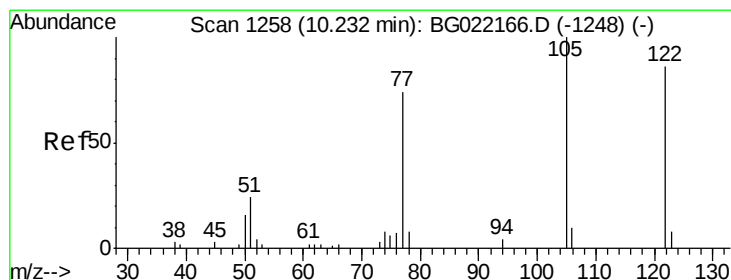
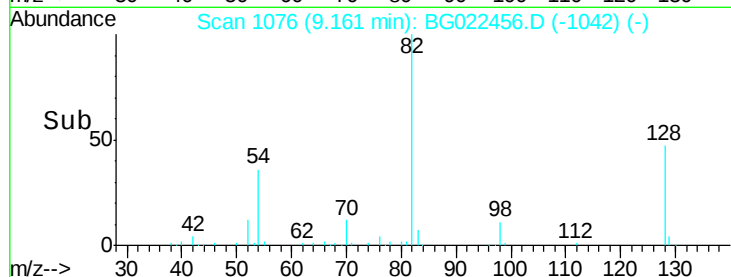
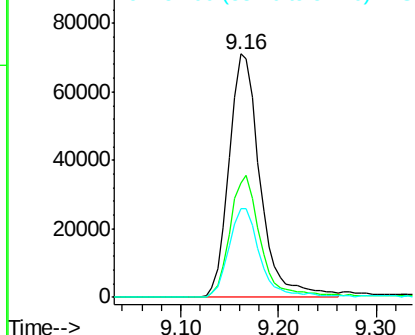
#23
 Nitrobenzene-d5
 Concen: 96.42 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. -0.10 min
 Lab File: BG022456.D
 Acq: 21 Jun 2016 1:01

Instrument :
 BNA_G
 ClientSampleId :
 W-34

Tgt Ion: 82 Resp: 158150
 Ion Ratio Lower Upper
 82 100
 128 46.9 33.4 50.0
 54 36.5 46.1 69.1#

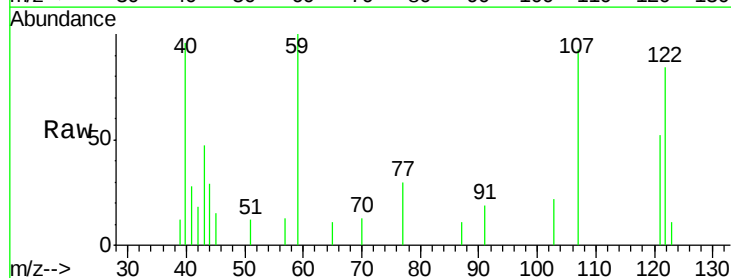


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

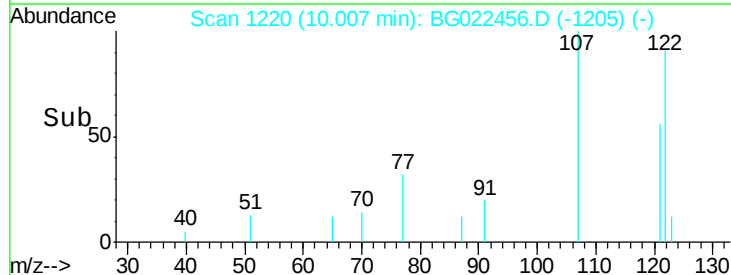
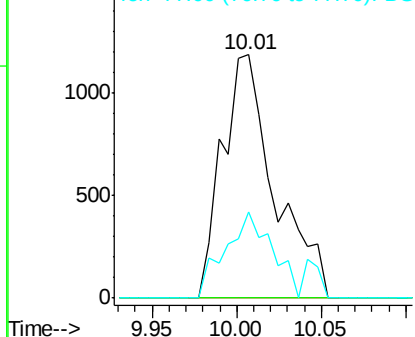


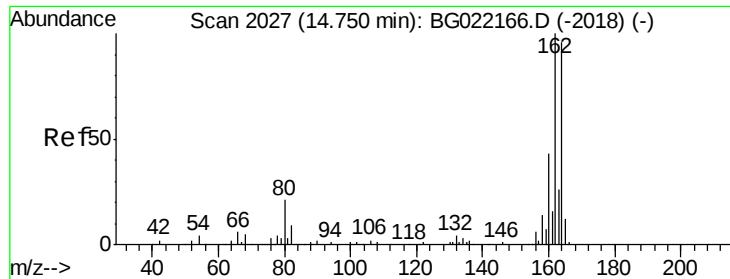
#32
 Benzoic acid
 Concen: 12.42 ng
 RT: 10.01 min Scan# 1220
 Delta R.T. -0.21 min
 Lab File: BG022456.D
 Acq: 21 Jun 2016 1:01

Tgt Ion: 122 Resp: 2563
 Ion Ratio Lower Upper
 122 100
 105 0.0 104.5 144.5#
 77 35.6 79.9 119.9#



Abundance Ion 122.00 (121.70 to 122.70): BGC
 Ion 105.00 (104.70 to 105.70): BGC
 Ion 77.00 (76.70 to 77.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.63 min Scan# 2007

Delta R.T. -0.09 min

Lab File: BG022456.D

Acq: 21 Jun 2016 1:01

Instrument :

BNA_G

ClientSampleId :

W-34

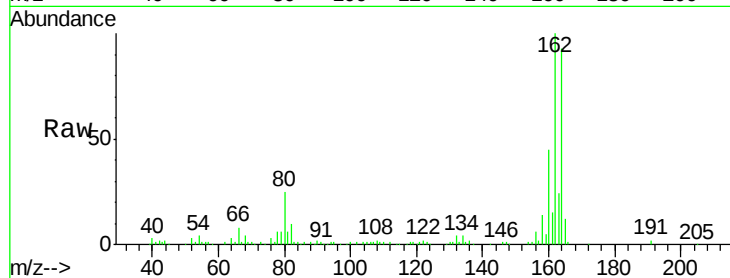
Tgt Ion:164 Resp: 72934

Ion Ratio Lower Upper

164 100

162 107.4 78.0 117.0

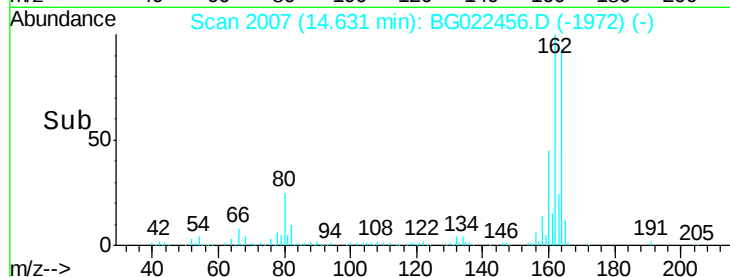
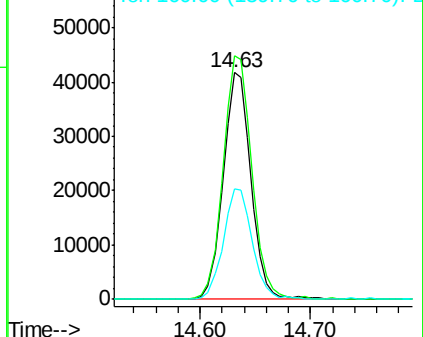
160 48.5 32.9 49.3



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: 115.34 ng

RT: 16.13 min Scan# 2262

Delta R.T. -0.09 min

Lab File: BG022456.D

Acq: 21 Jun 2016 1:01

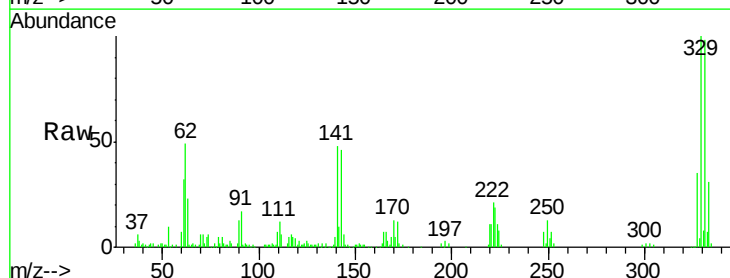
Tgt Ion:330 Resp: 95056

Ion Ratio Lower Upper

330 100

332 95.6 78.0 117.0

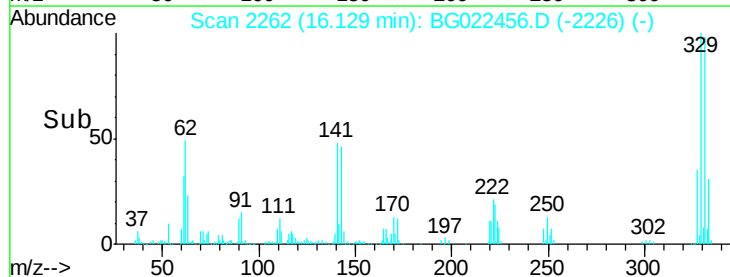
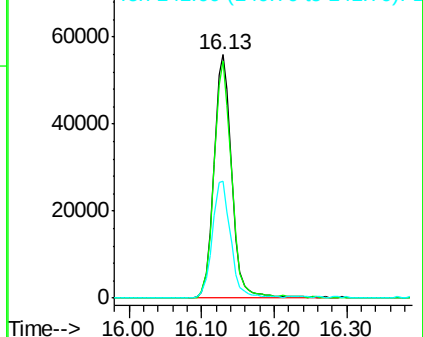
141 49.4 33.8 50.8

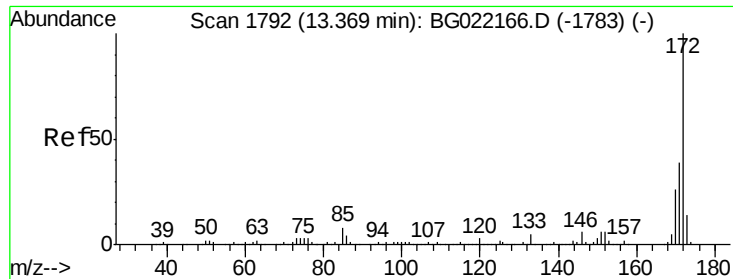


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

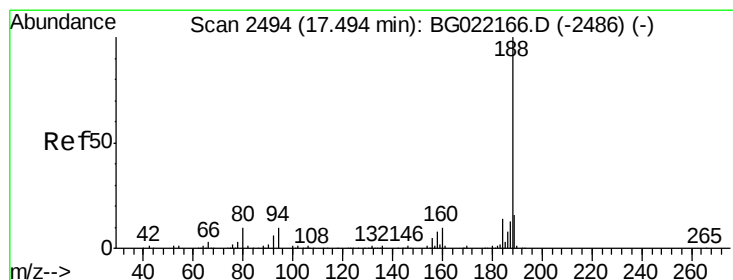
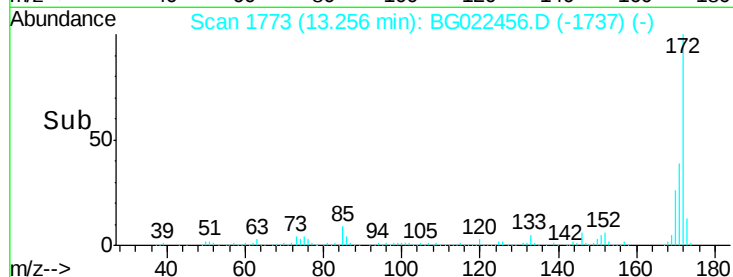
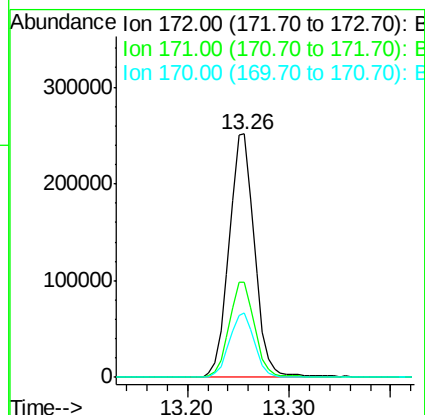
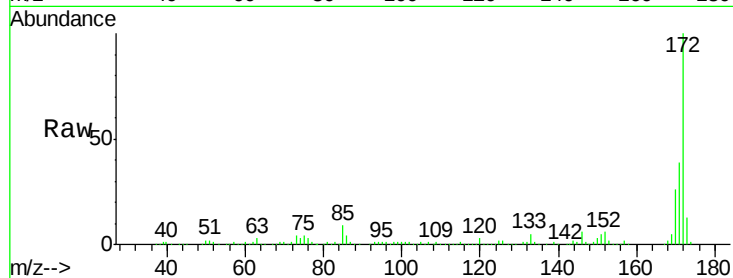




#44
 2-Fluorobiphenyl
 Concen: 91.90 ng
 RT: 13.26 min Scan# 1773
 Delta R.T. -0.09 min
 Lab File: BG022456.D
 Acq: 21 Jun 2016 1:01

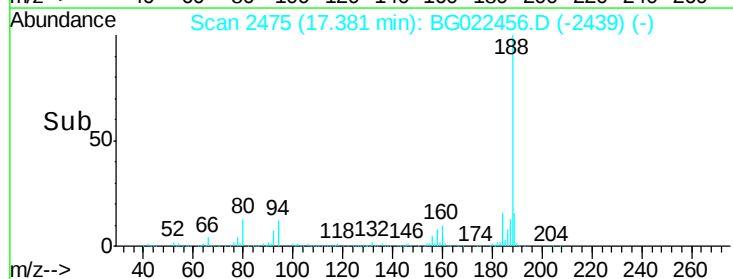
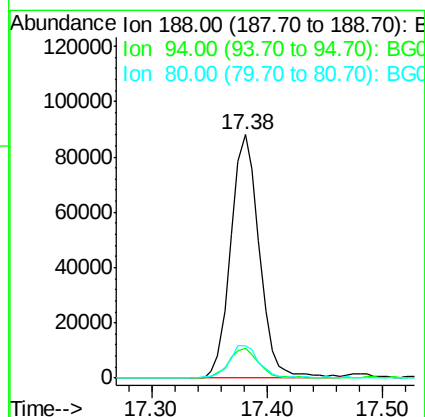
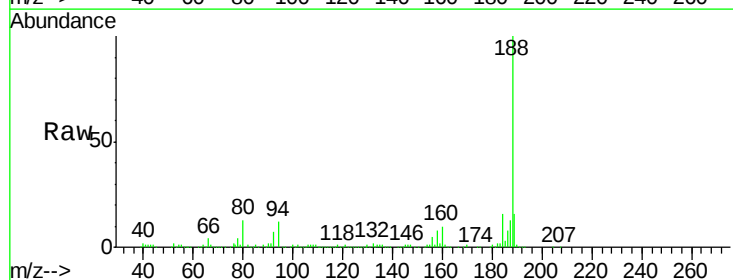
Instrument :
 BNA_G
 ClientSampleId :
 W-34

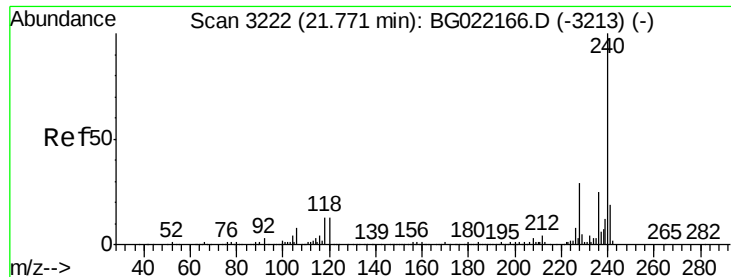
Tgt Ion:172 Resp: 439797
 Ion Ratio Lower Upper
 172 100
 171 39.2 27.8 41.6
 170 26.3 19.6 29.4



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.38 min Scan# 2475
 Delta R.T. -0.09 min
 Lab File: BG022456.D
 Acq: 21 Jun 2016 1:01

Tgt Ion:188 Resp: 151216
 Ion Ratio Lower Upper
 188 100
 94 12.1 7.5 11.3#
 80 13.3 8.6 13.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3199

Delta R.T. -0.10 min

Lab File: BG022456.D

Acq: 21 Jun 2016 1:01

Instrument :

BNA_G

ClientSampleId :

W-34

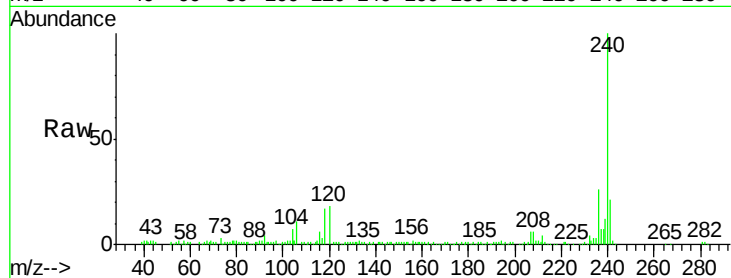
Tgt Ion:240 Resp: 114844

Ion Ratio Lower Upper

240 100

120 17.6 8.4 12.6#

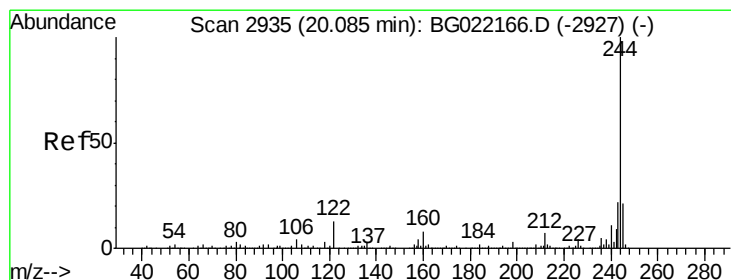
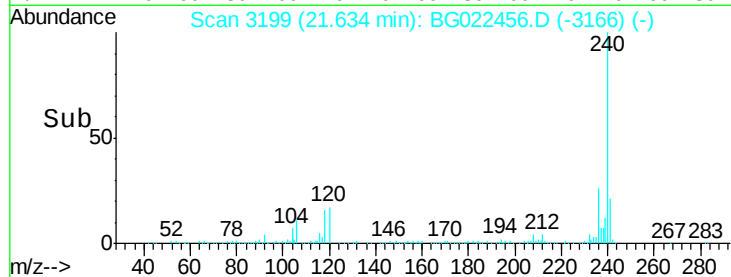
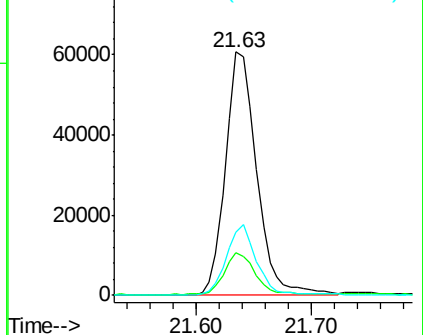
236 26.1 19.6 29.4



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: 87.66 ng

RT: 19.98 min Scan# 2918

Delta R.T. -0.08 min

Lab File: BG022456.D

Acq: 21 Jun 2016 1:01

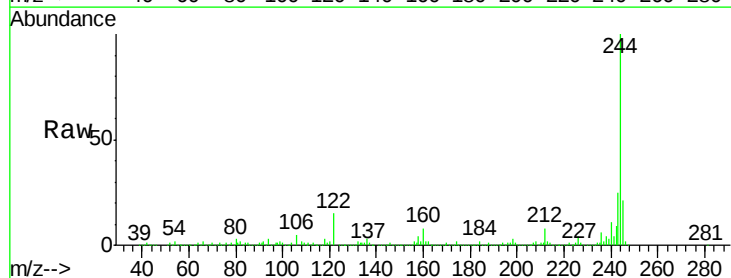
Tgt Ion:244 Resp: 424050

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

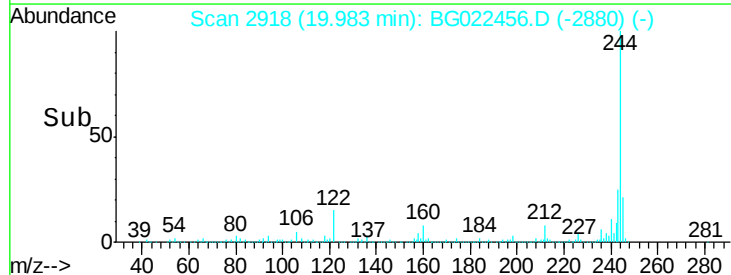
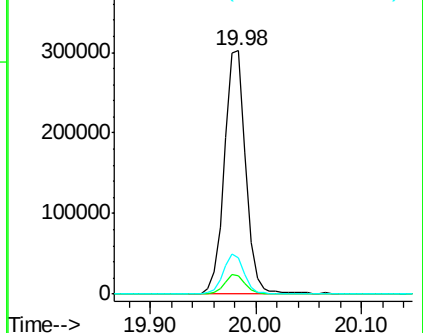
122 14.8 8.6 12.8#

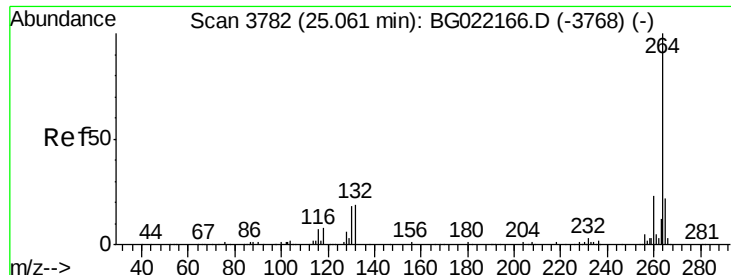


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

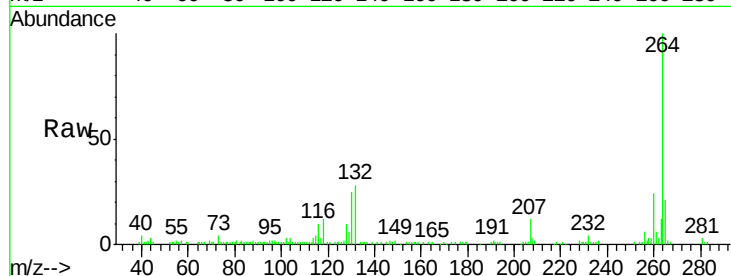




#86
Perylene-d12
Concen: 20.00 ng
RT: 24.84 min Scan# 3744
Delta R.T. -0.18 min
Lab File: BG022456.D
Acq: 21 Jun 2016 1:01

Instrument :
BNA_G
ClientSampleId :
W-34

Tgt Ion: 264 Resp: 103576
Ion Ratio Lower Upper
264 100
260 24.0 20.2 30.4
265 21.2 17.8 26.8



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

