

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 03:54:15 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 21 03:17:27 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	0.00
21) Naphthalene-d8	10.81	136	114352	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	72934	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	151216	20.00	ng	0.00
75) Chrysene-d12	21.63	240	114844	20.00	ng	0.00
86) Perylene-d12	24.84	264	103576	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	95389	81.27	ng	0.00
7) Phenol-d6	7.18	99	112886	61.17	ng	0.00
23) Nitrobenzene-d5	9.16	82	158150	96.42	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	95056	115.34	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	439797	91.90	ng	0.00
78) Terphenyl-d14	19.98	244	424050	87.66	ng	0.00

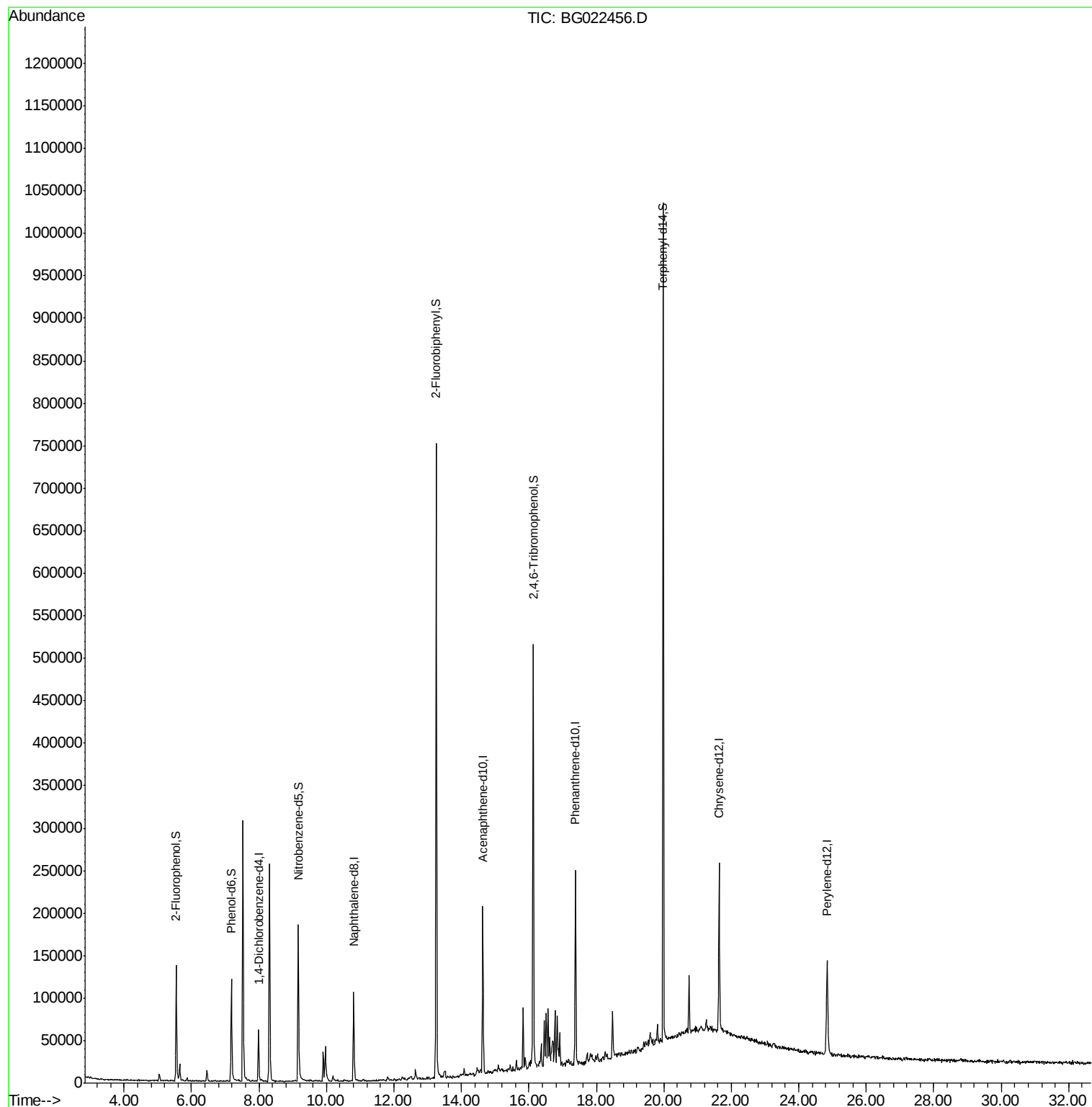
Target Compounds Qvalue

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

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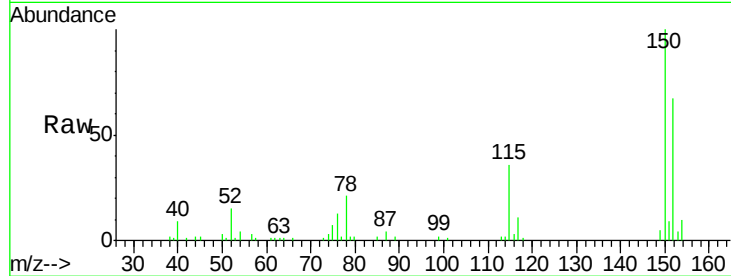


#1

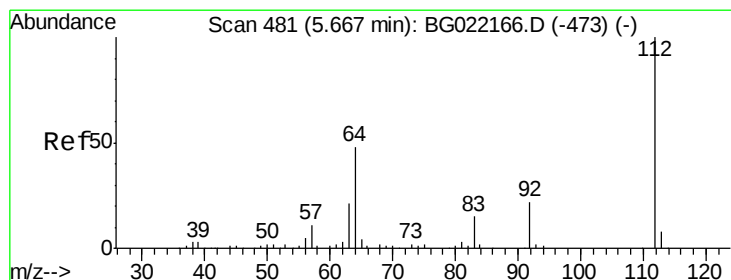
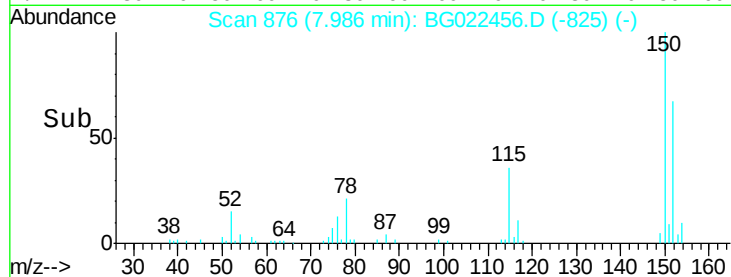
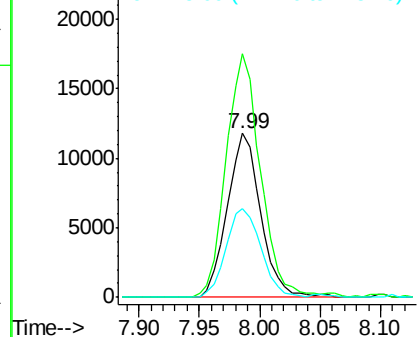
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.99 min Scan# 876
Delta R.T. -0.00 min
Lab File: BG022456.D
Acq: 21 Jun 2016 1:01

Instrument :
BNA_G
ClientSampleId :
W-34

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



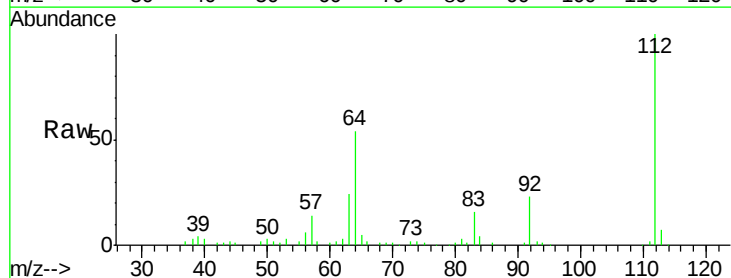
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



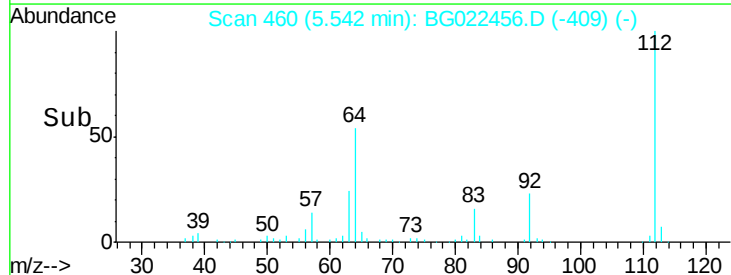
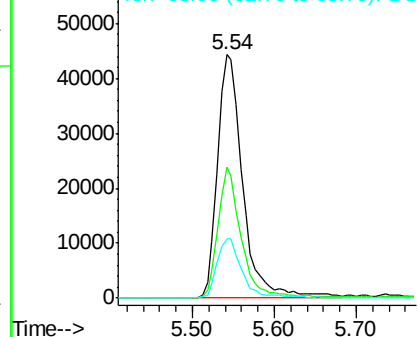
#5

2-Fluorophenol
Concen: 81.27 ng
RT: 5.54 min Scan# 460
Delta R.T. -0.00 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. 0.00 min

Lab File: BG022456.D

Acq: 21 Jun 2016 1:01

Instrument :

BNA_G

ClientSampleId :

W-34

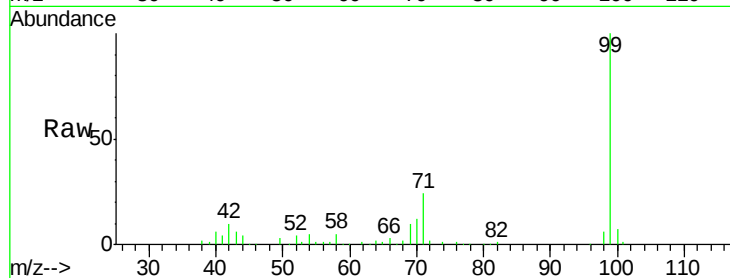
Tot Ion: 99 Resp: 112886

Ion Ratio Lower Upper

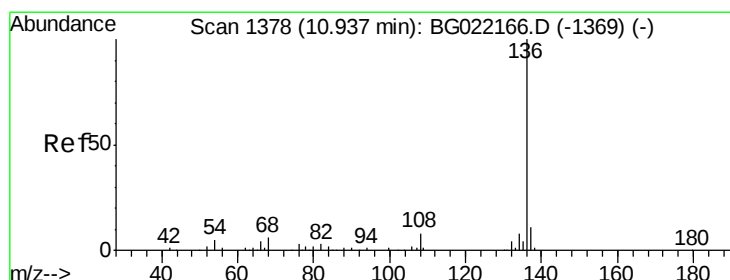
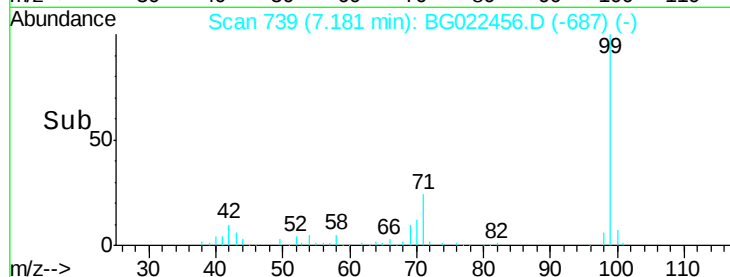
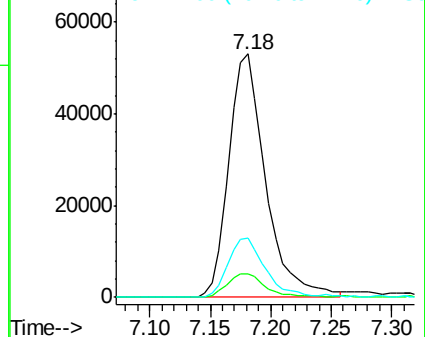
99 100

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. -0.00 min

Lab File: BG022456.D

Acq: 21 Jun 2016 1:01

Tgt Ion: 136 Resp: 114352

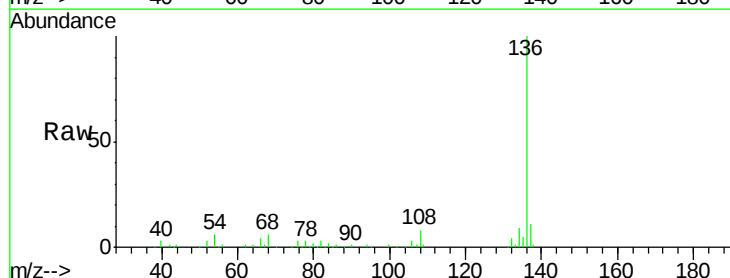
Ion Ratio Lower Upper

136 100

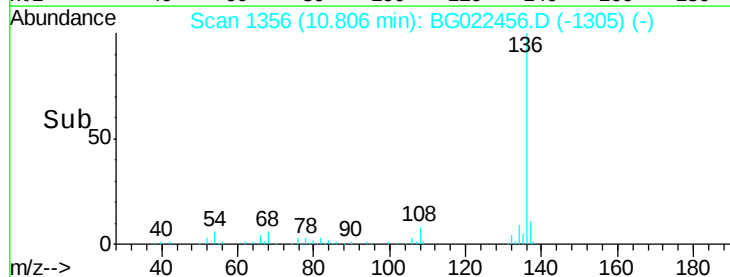
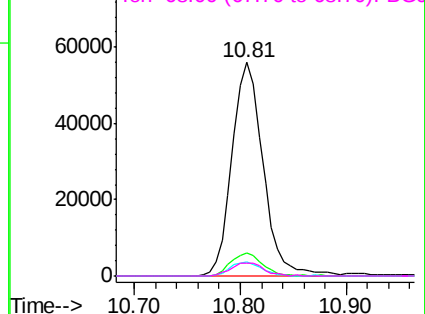
137 11.0 9.0 13.4

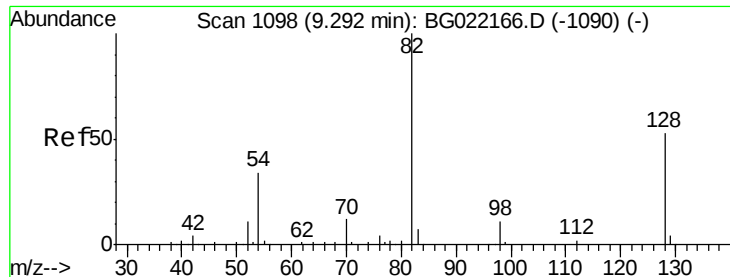
54 6.5 9.6 14.4#

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

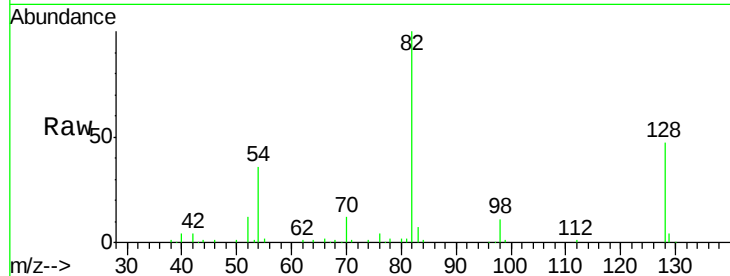




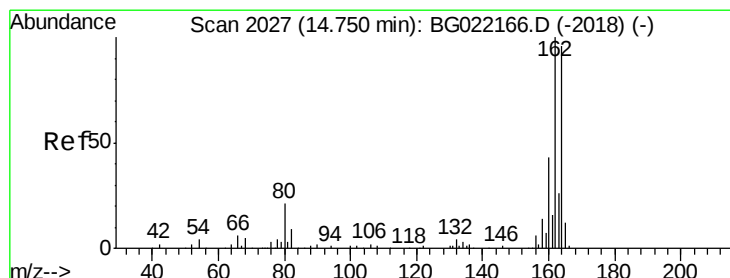
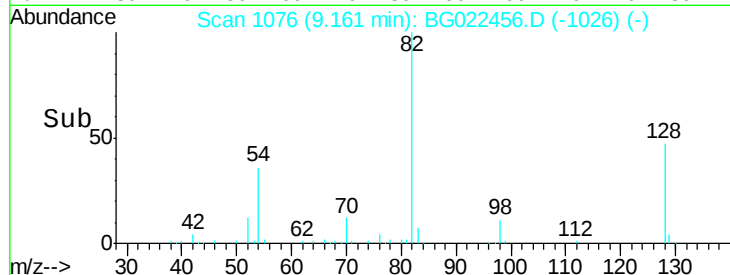
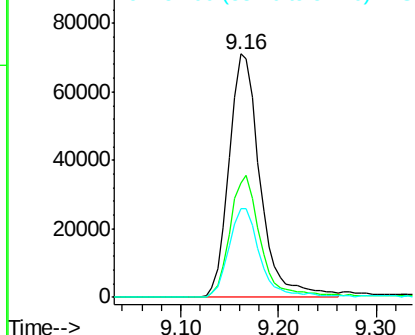
#23
Nitrobenzene-d5
Concen: 96.42 ng
RT: 9.16 min Scan# 1076
Delta R.T. -0.01 min
Lab File: BG022456.D
Acq: 21 Jun 2016 1:01

Instrument :
BNA_G
ClientSampled :
W-34

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

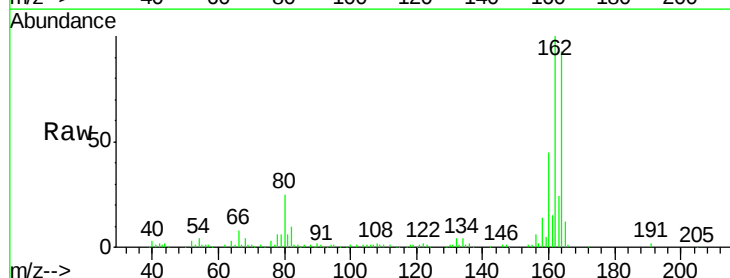


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

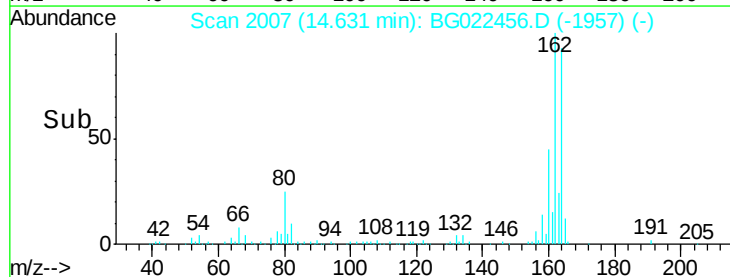
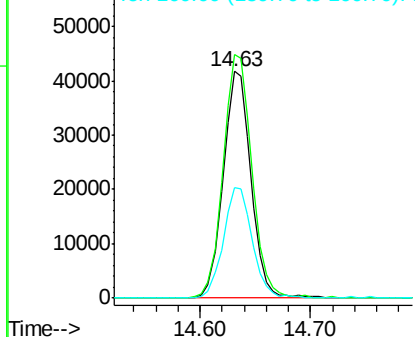


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG022456.D
Acq: 21 Jun 2016 1:01

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): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

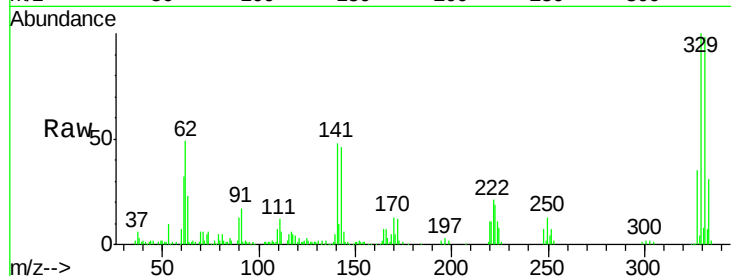




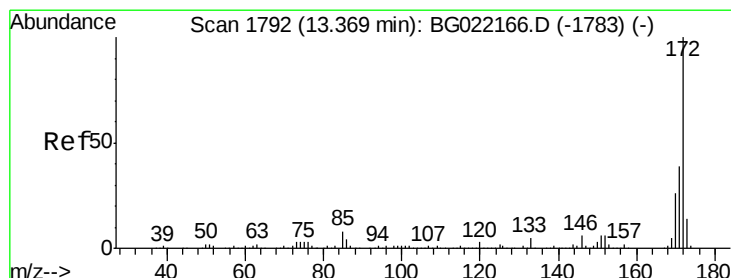
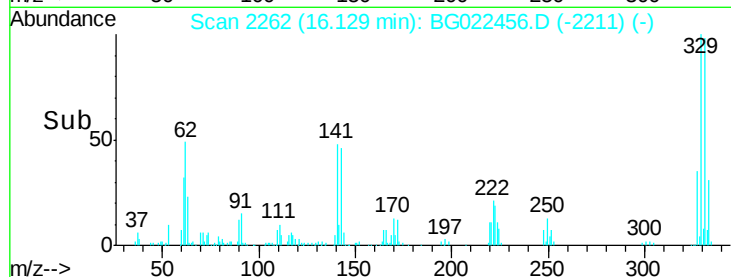
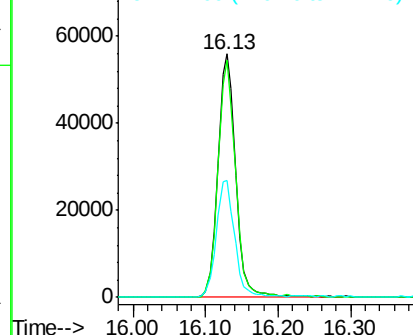
#41
 2,4,6-Tribromophenol
 Concen: 115.34 ng
 RT: 16.13 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: BG022456.D
 Acq: 21 Jun 2016 1:01

Instrument :
 BNA_G
 ClientSampleId :
 W-34

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.0	117.0
141	49.4	33.8	50.8

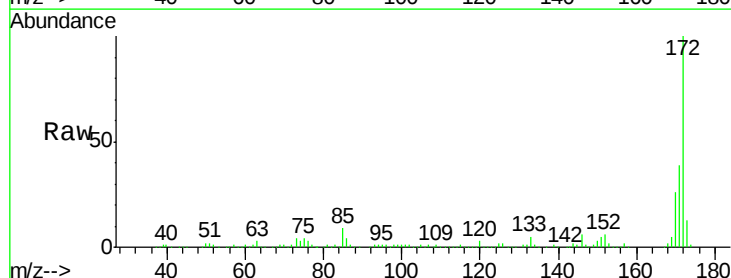


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

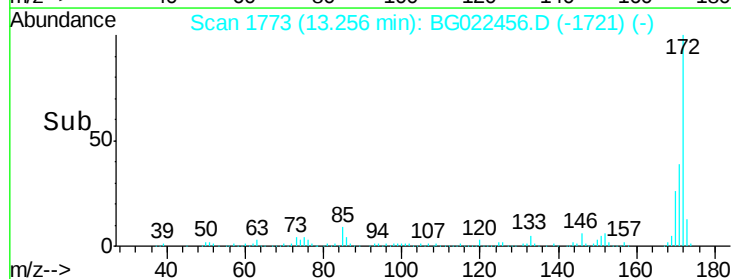
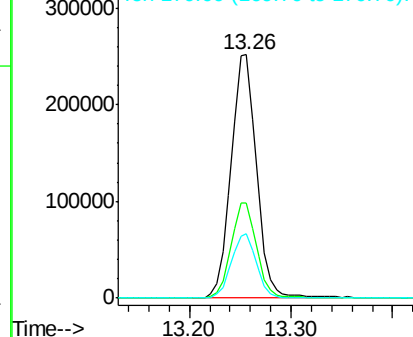


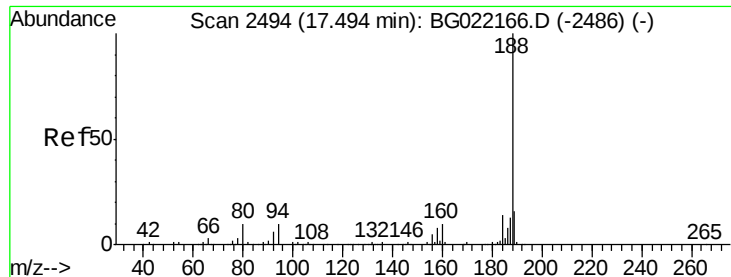
#44
 2-Fluorobiphenyl
 Concen: 91.90 ng
 RT: 13.26 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: BG022456.D
 Acq: 21 Jun 2016 1:01

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



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

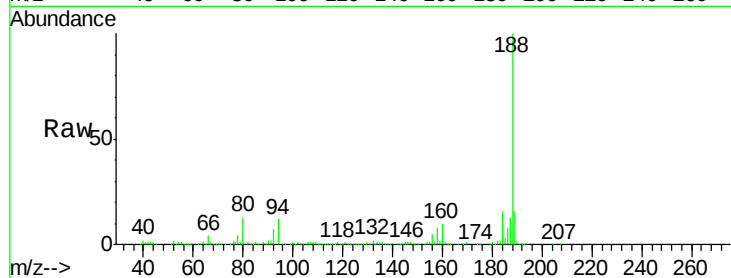




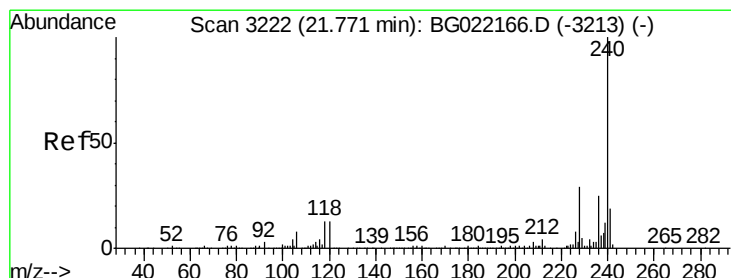
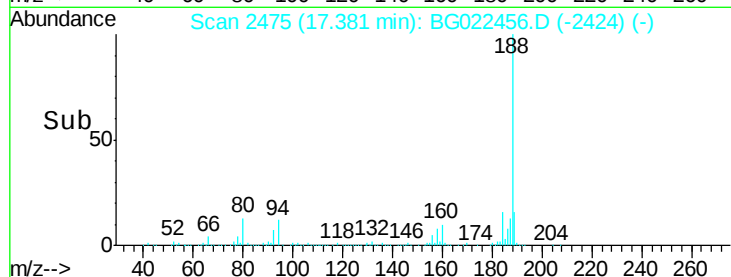
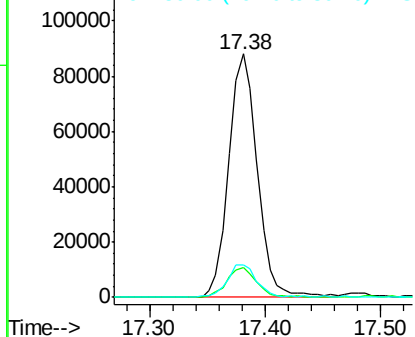
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2475
Delta R.T. -0.00 min
Lab File: BG022456.D
Acq: 21 Jun 2016 1:01

Instrument :
BNA_G
ClientSampleId :
W-34

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

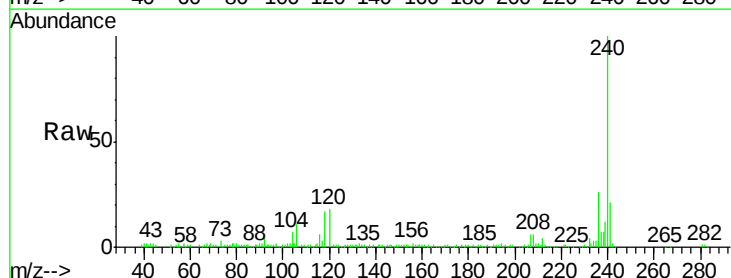


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

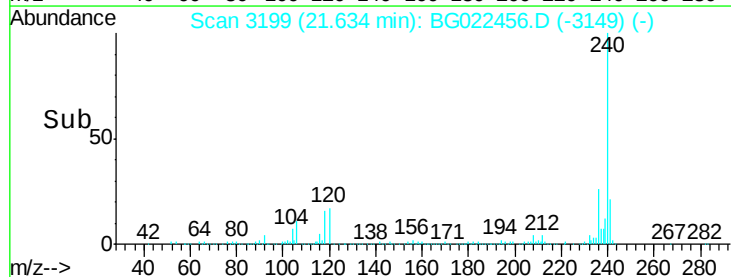
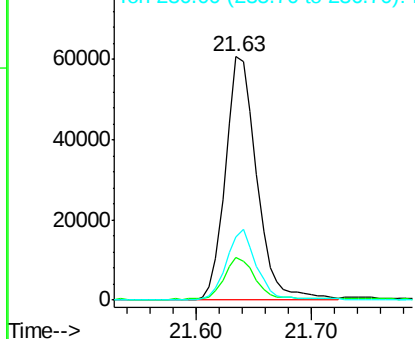


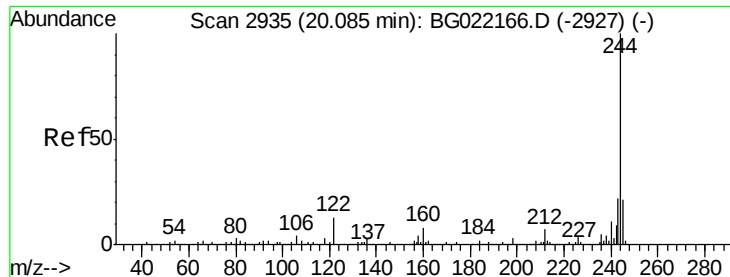
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.63 min Scan# 3199
Delta R.T. -0.01 min
Lab File: BG022456.D
Acq: 21 Jun 2016 1:01

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. -0.00 min

Lab File: BG022456.D

Acq: 21 Jun 2016 1:01

Instrument :

BNA_G

ClientSampleId :

W-34

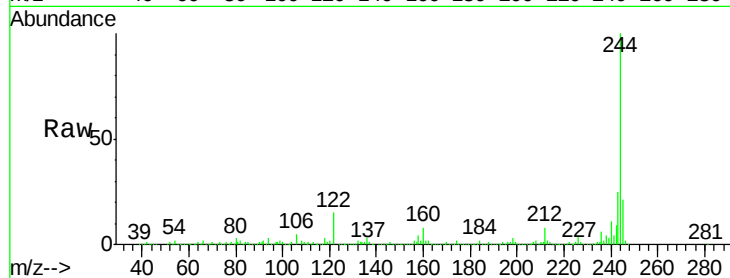
Tot Ion:244 Resp: 424050

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

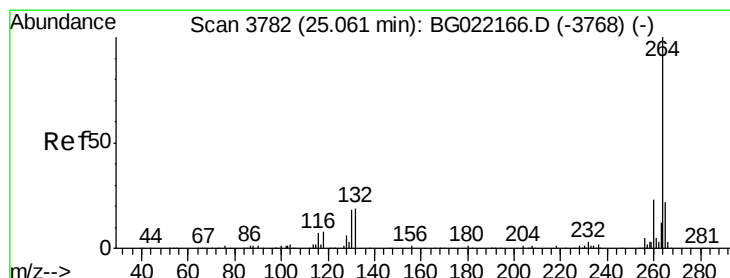
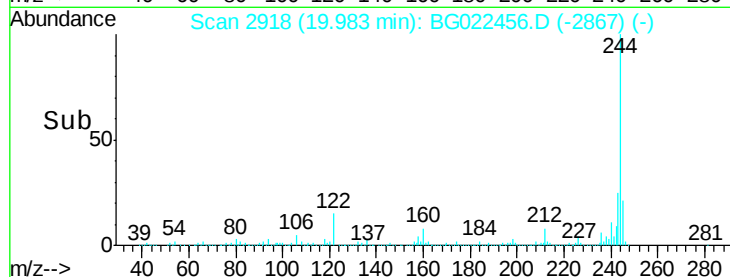
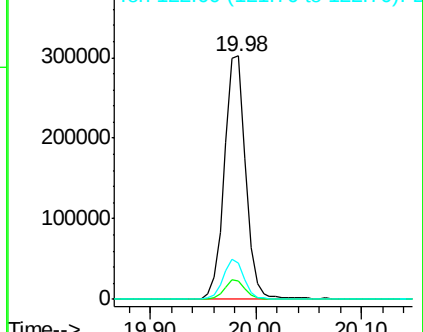
122 14.8 8.6 12.8#



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. -0.01 min

Lab File: BG022456.D

Acq: 21 Jun 2016 1:01

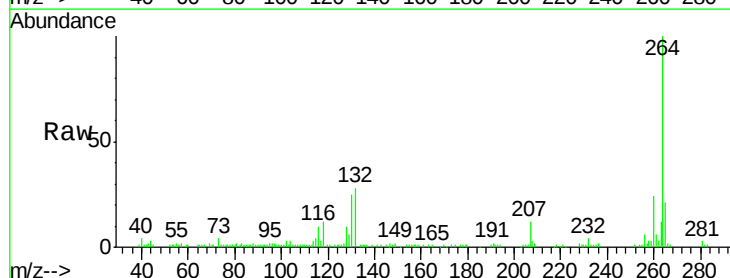
Tgt Ion:264 Resp: 103576

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

