

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112817\
 Data File : BG031261.D
 Acq On : 28 Nov 2017 21:06
 Operator : SJ/JU
 Sample : I6610-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 29 06:22:26 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

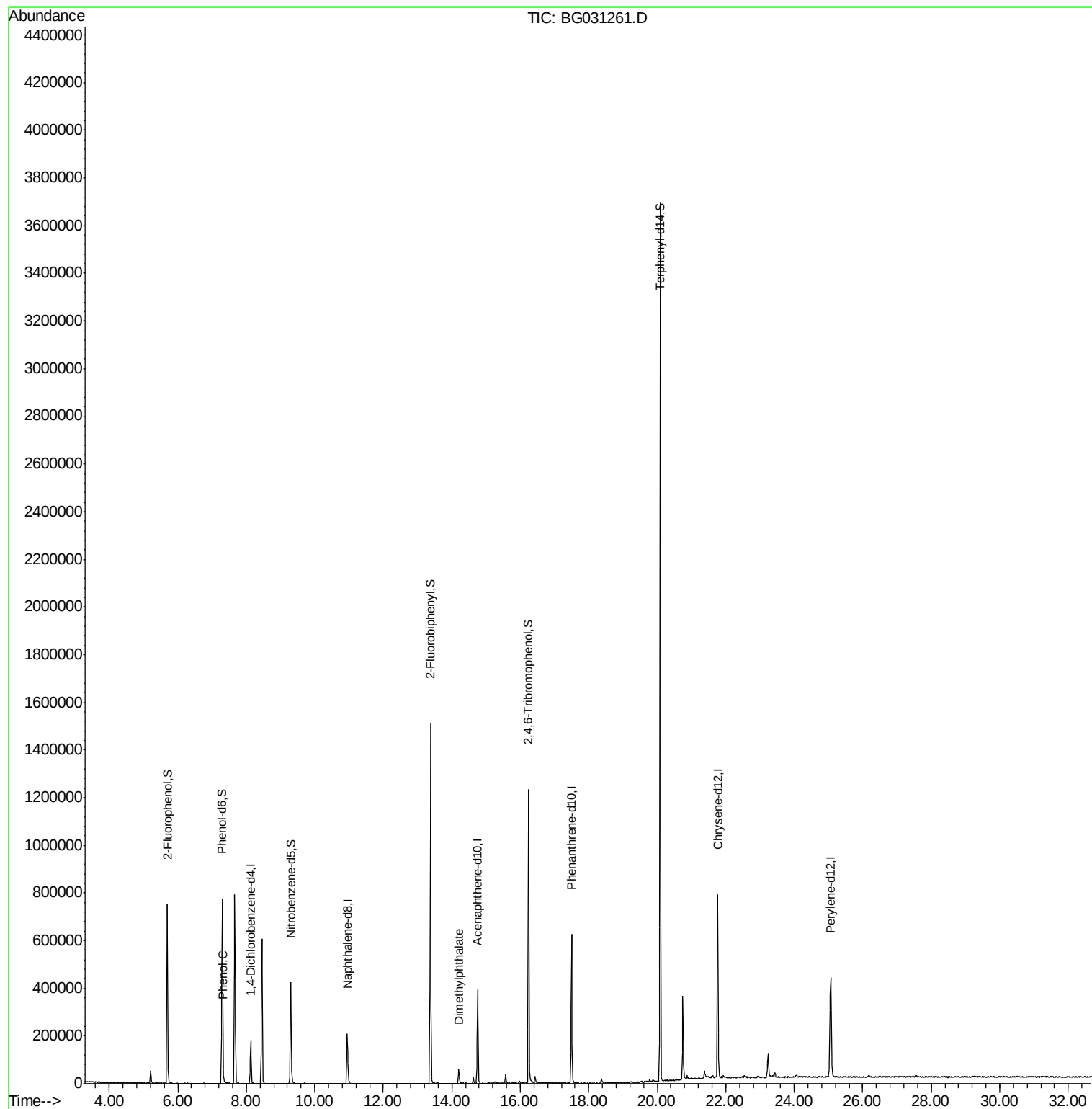
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	55476	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	231968	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	152830	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	415069	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	498650	20.00	ng	-0.02
86) Perylene-d12	25.06	264	493650	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	383506	118.54	ng	-0.02
7) Phenol-d6	7.29	99	499389	114.58	ng	-0.01
23) Nitrobenzene-d5	9.30	82	293238	74.91	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	254921	103.11	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	883139	83.03	ng	-0.02
78) Terphenyl-d14	20.09	244	1753600	77.65	ng	-0.01
Target Compounds						
10) Phenol	7.32	94	14033	3.10	ng	92
49) Dimethylphthalate	14.20	163	63458	4.80	ng	100

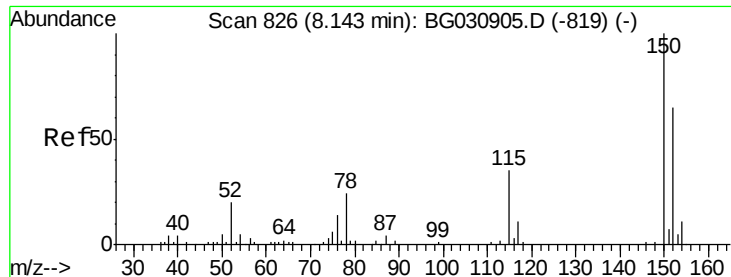
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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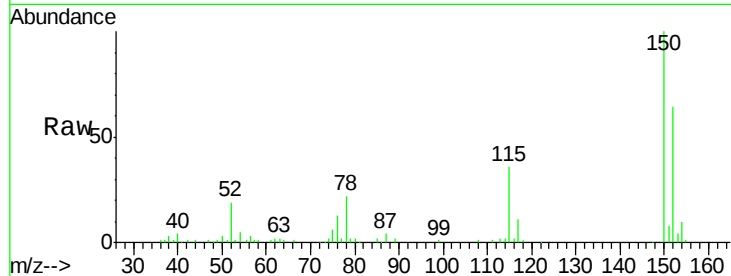


#1

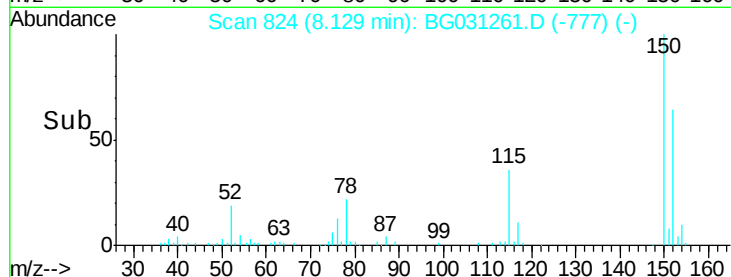
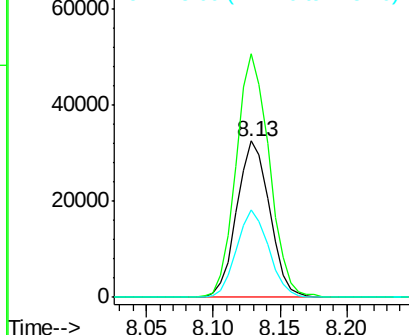
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031261.D
Acq: 28 Nov 2017 21:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 55476
Ion Ratio Lower Upper
152 100
150 156.1 126.6 189.8
115 56.2 53.0 79.4



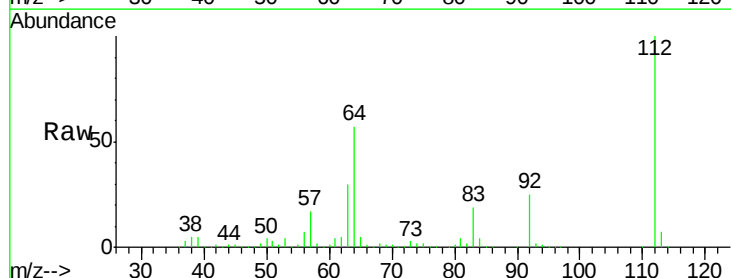
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



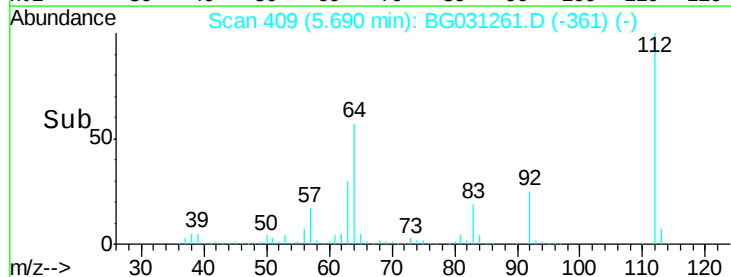
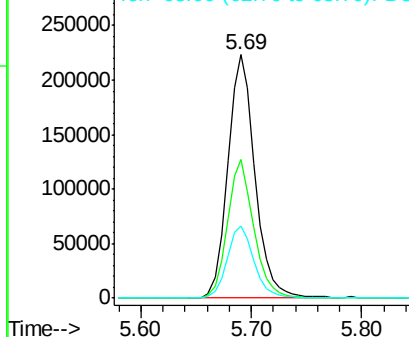
#5

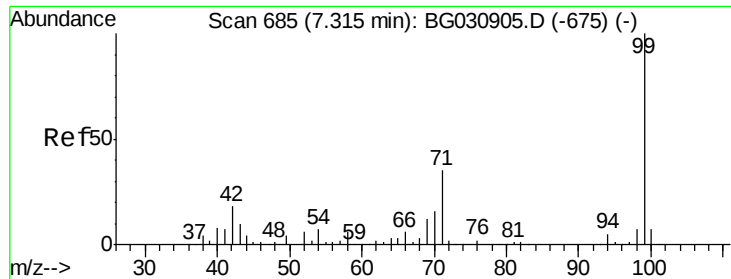
2-Fluorophenol
Concen: 118.54 ng
RT: 5.69 min Scan# 409
Delta R.T. -0.02 min
Lab File: BG031261.D
Acq: 28 Nov 2017 21:06

Tgt Ion:112 Resp: 383506
Ion Ratio Lower Upper
112 100
64 56.9 56.3 84.5
63 29.5 30.1 45.1#



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: 114.58 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031261.D

Acq: 28 Nov 2017 21:06

Instrument :

BNA_G

ClientSampled :

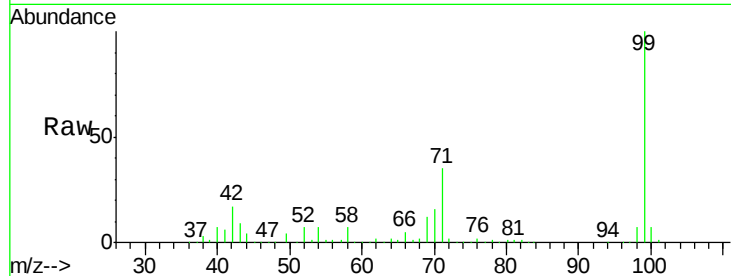
Tot Ion: 99 Resp: 499389

Ion Ratio Lower Upper

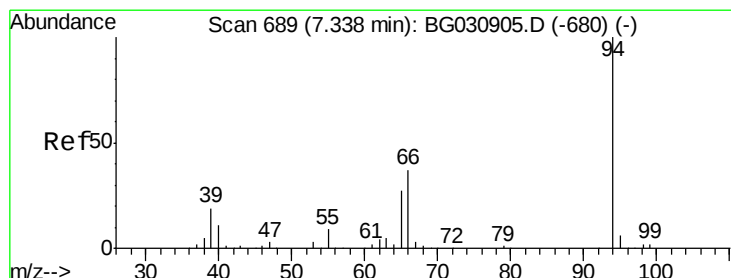
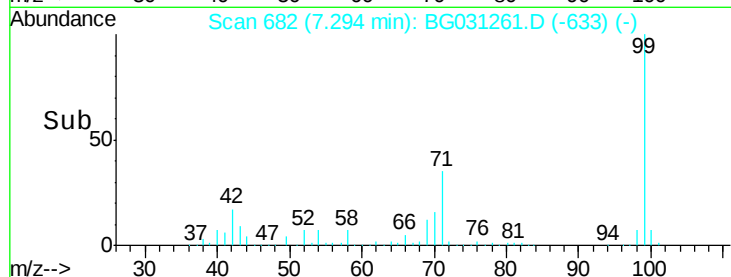
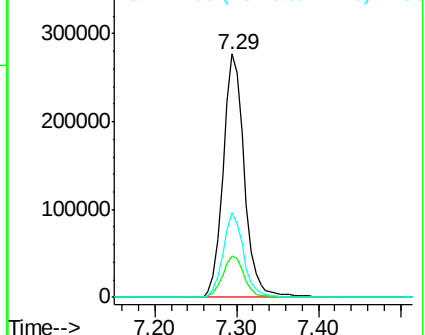
99 100

42 17.2 14.1 21.1

71 34.7 26.1 39.1



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



#10

Phenol

Concen: 3.10 ng

RT: 7.32 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG031261.D

Acq: 28 Nov 2017 21:06

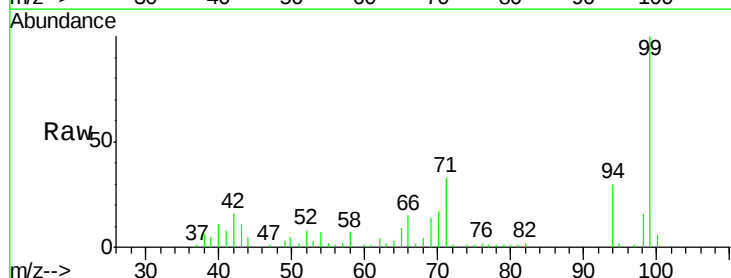
Tgt Ion: 94 Resp: 14033

Ion Ratio Lower Upper

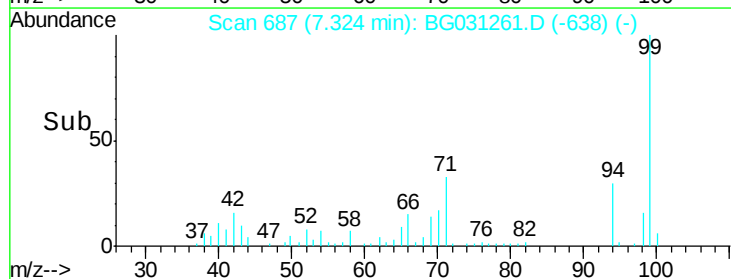
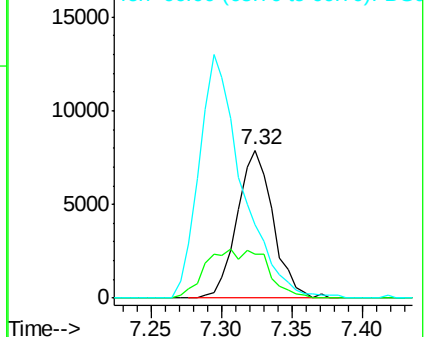
94 100

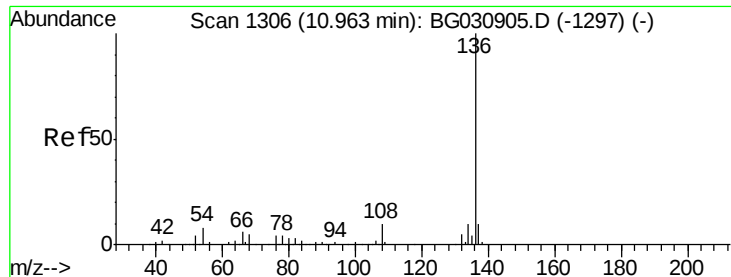
65 29.8 11.9 51.9

66 49.7 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.95 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BG031261.D

Acq: 28 Nov 2017 21:06

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 231968

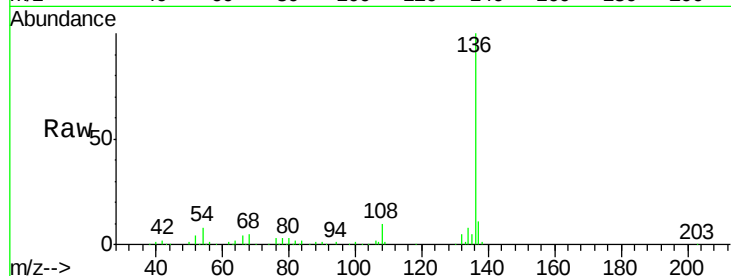
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 7.7 10.3 15.5#

68 4.6 4.5 6.7

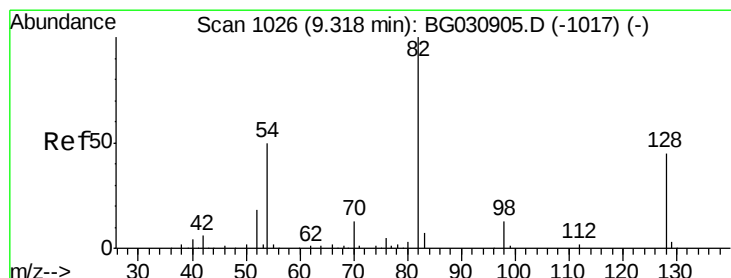
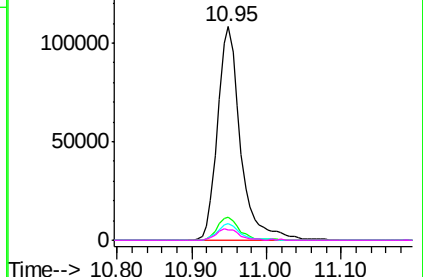
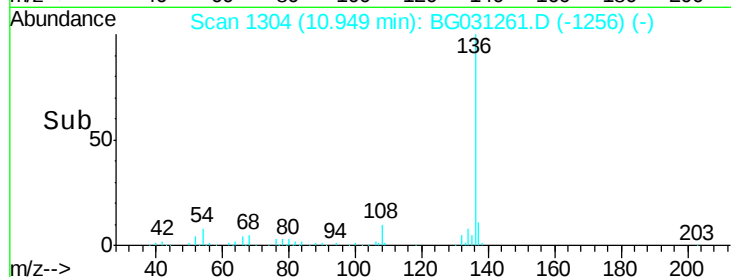


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 74.91 ng

RT: 9.30 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BG031261.D

Acq: 28 Nov 2017 21:06

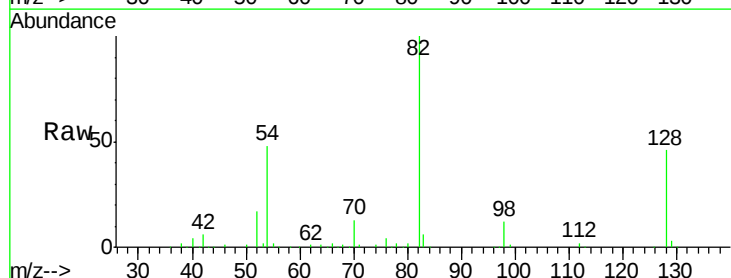
Tgt Ion: 82 Resp: 293238

Ion Ratio Lower Upper

82 100

128 46.1 29.7 44.5#

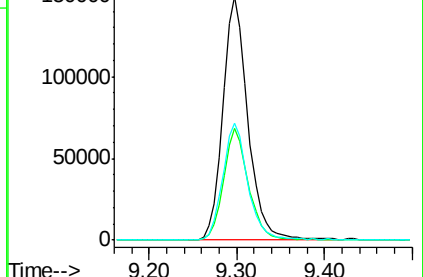
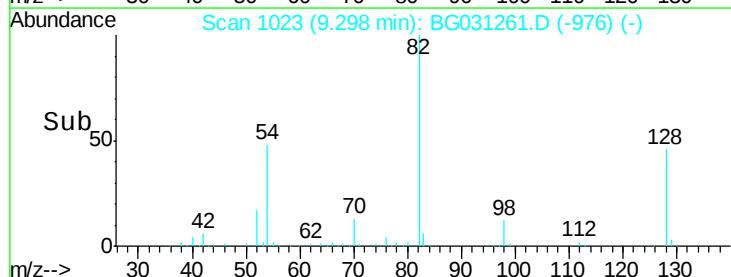
54 48.2 43.1 64.7

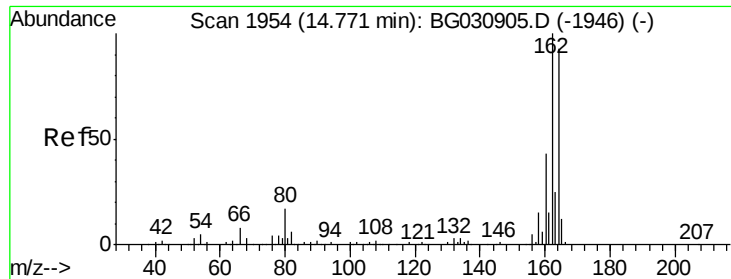


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.02 min

Lab File: BG031261.D

Acq: 28 Nov 2017 21:06

Instrument :

BNA_G

ClientSampleId :

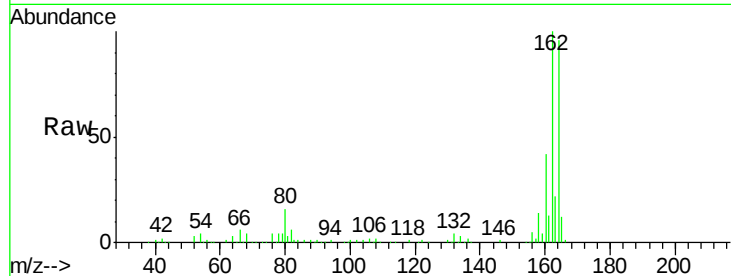
Tot Ion:164 Resp: 152830

Ion Ratio Lower Upper

164 100

162 103.9 78.8 118.2

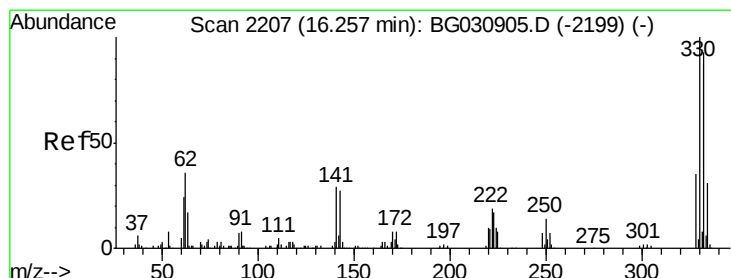
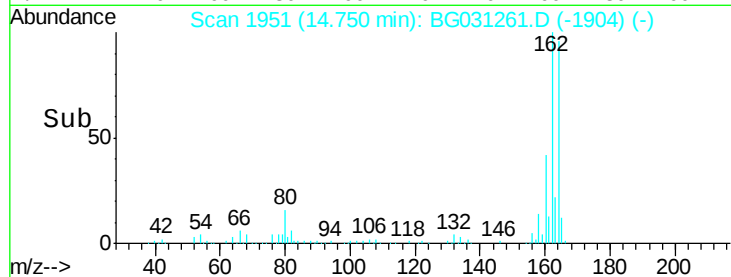
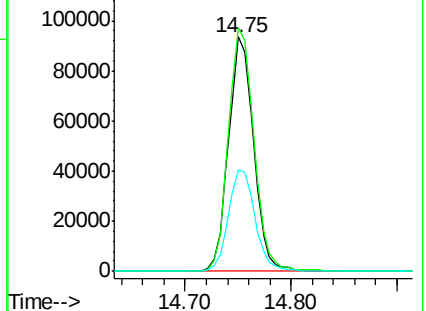
160 43.3 35.4 53.0



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: 103.11 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG031261.D

Acq: 28 Nov 2017 21:06

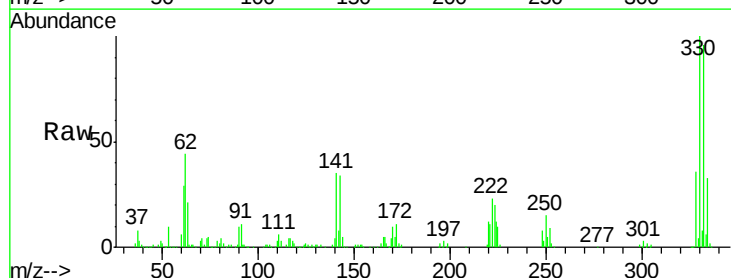
Tgt Ion:330 Resp: 254921

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

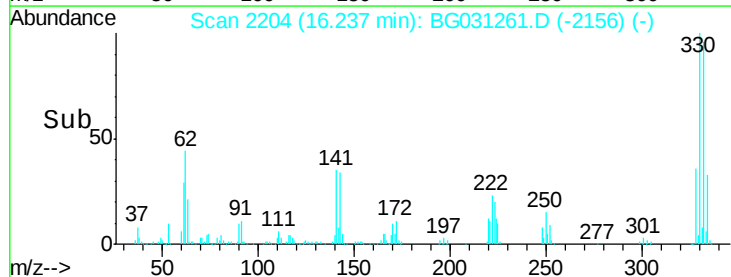
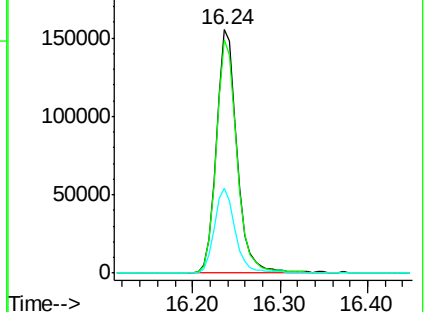
141 35.3 25.2 37.8

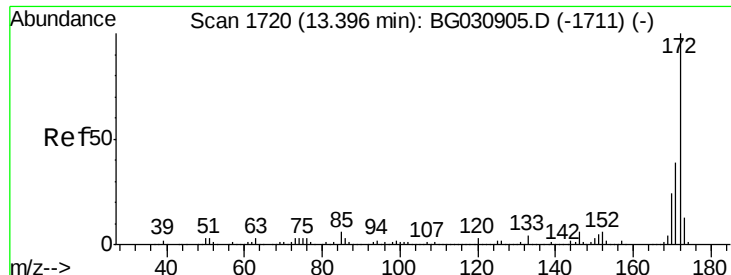


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

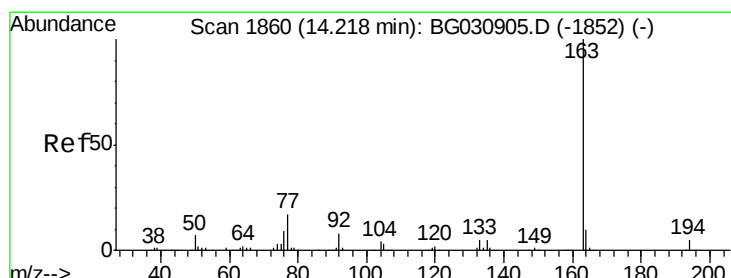
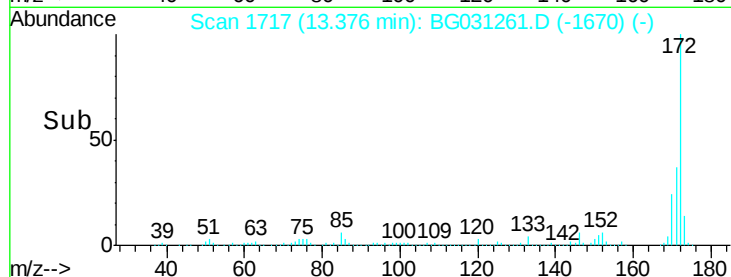
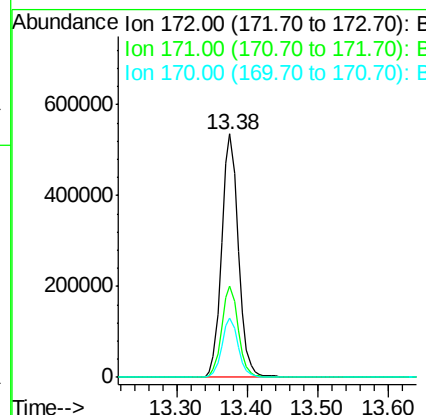
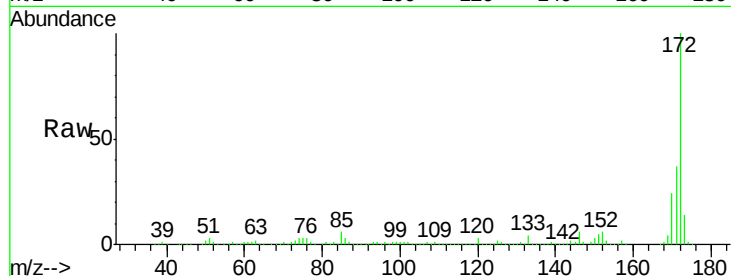




#44
2-Fluorobiphenyl
Concen: 83.03 ng
RT: 13.38 min Scan# 1717
Delta R.T. -0.02 min
Lab File: BG031261.D
Acq: 28 Nov 2017 21:06

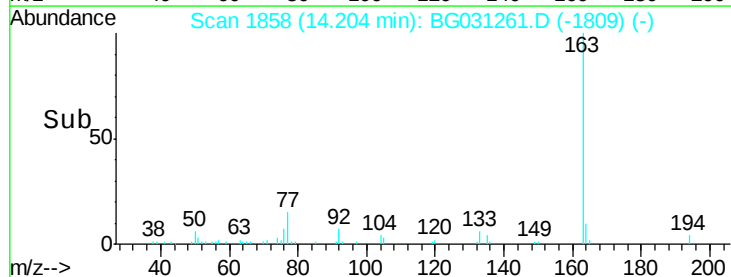
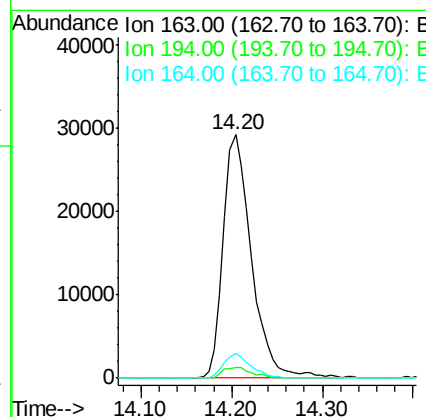
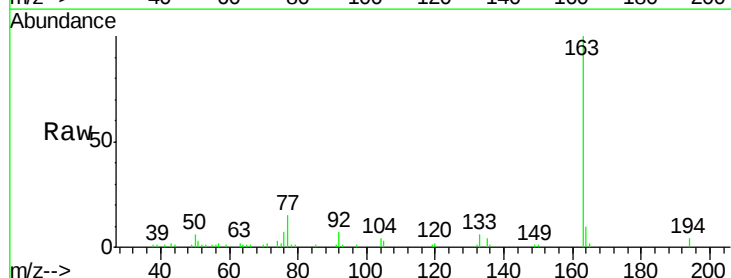
Instrument :
BNA_G
ClientSampleId :

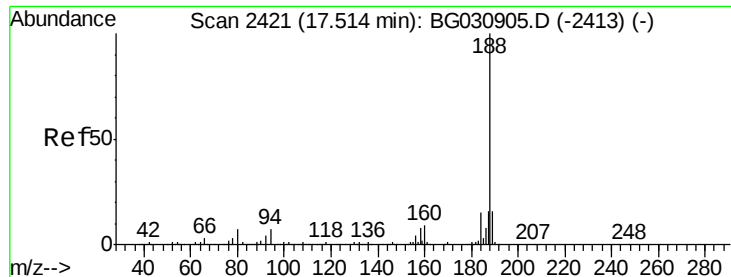
Tot Ion:172 Resp: 883139
Ion Ratio Lower Upper
172 100
171 37.3 30.0 45.0
170 24.4 19.5 29.3



#49
Dimethylphthalate
Concen: 4.80 ng
RT: 14.20 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BG031261.D
Acq: 28 Nov 2017 21:06

Tgt Ion:163 Resp: 63458
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.1 8.2 12.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2418

Delta R.T. -0.02 min

Lab File: BG031261.D

Acq: 28 Nov 2017 21:06

Instrument :

BNA_G

ClientSampleId :

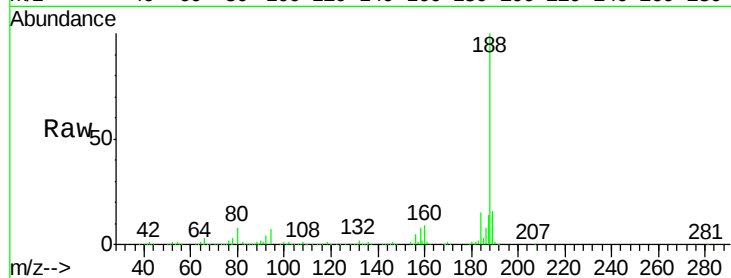
Tot Ion:188 Resp: 415069

Ion Ratio Lower Upper

188 100

94 7.3 6.9 10.3

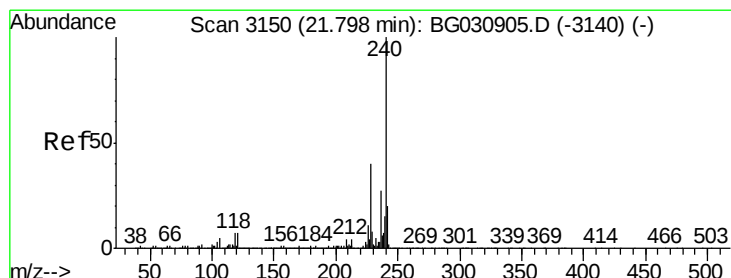
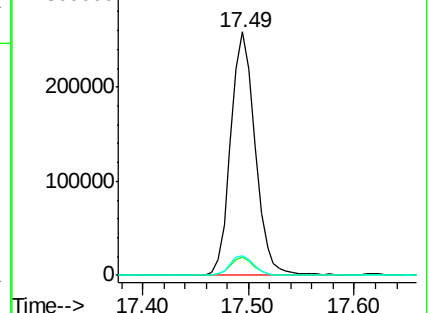
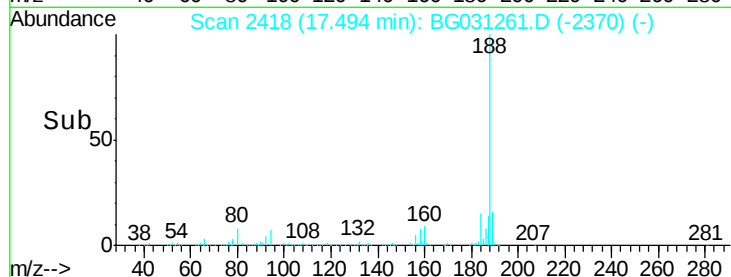
80 8.0 7.7 11.5



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: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG031261.D

Acq: 28 Nov 2017 21:06

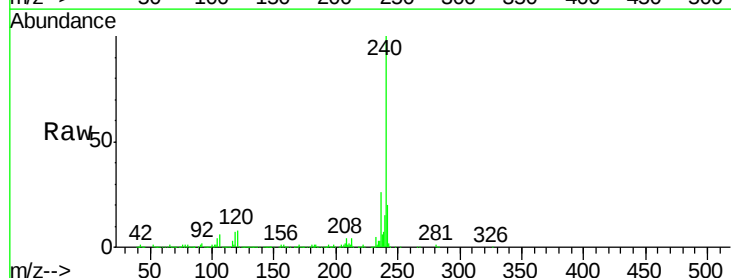
Tgt Ion:240 Resp: 498650

Ion Ratio Lower Upper

240 100

120 7.9 6.8 10.2

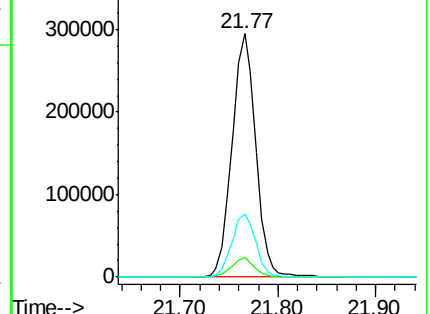
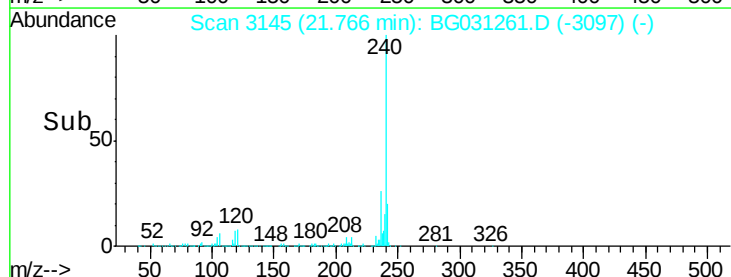
236 26.1 20.9 31.3



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: 77.65 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031261.D

Acq: 28 Nov 2017 21:06

Instrument :

BNA_G

ClientSampleId :

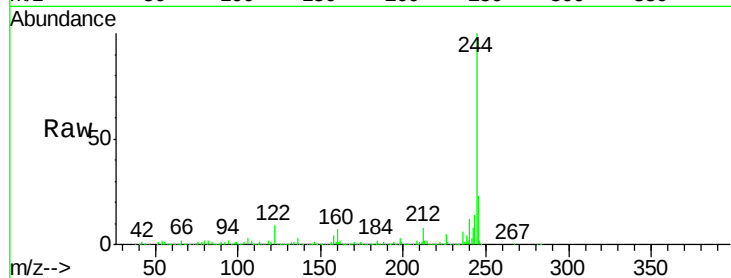
Tot Ion:244 Resp: 1753600

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

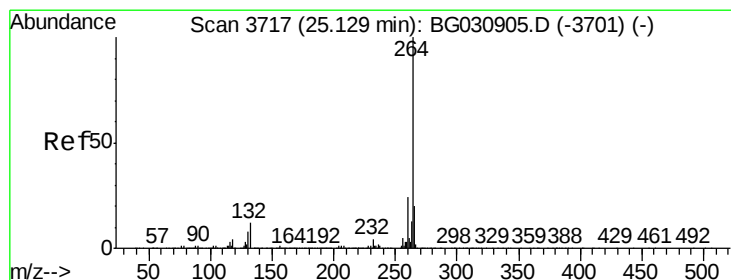
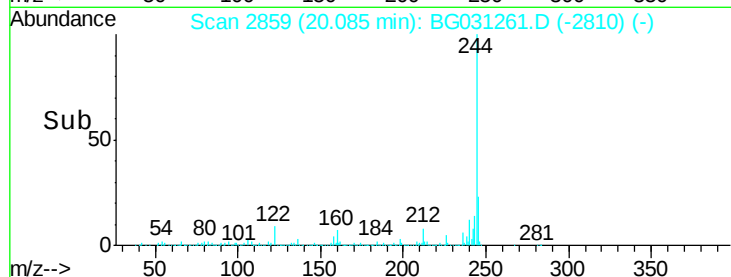
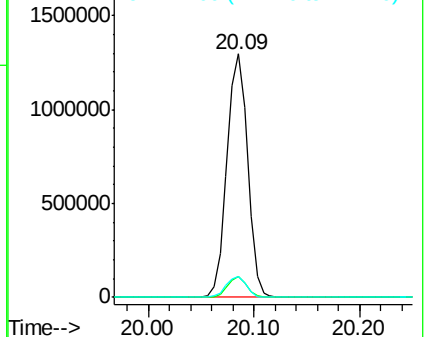
122 8.7 7.0 10.4



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: 25.06 min Scan# 3706

Delta R.T. -0.03 min

Lab File: BG031261.D

Acq: 28 Nov 2017 21:06

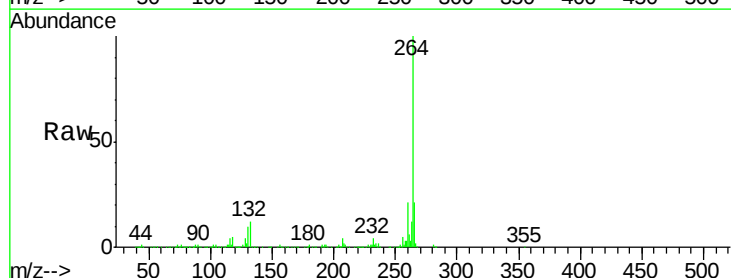
Tgt Ion:264 Resp: 493650

Ion Ratio Lower Upper

264 100

260 21.4 17.4 26.0

265 21.0 17.7 26.5



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

