

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032018\
 Data File : BG033271.D
 Acq On : 20 Mar 2018 17:19
 Operator : SJ/JU
 Sample : J1980-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-2

Quant Time: Mar 20 18:31:59 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 16:48:53 2018
 Response via : Initial Calibration

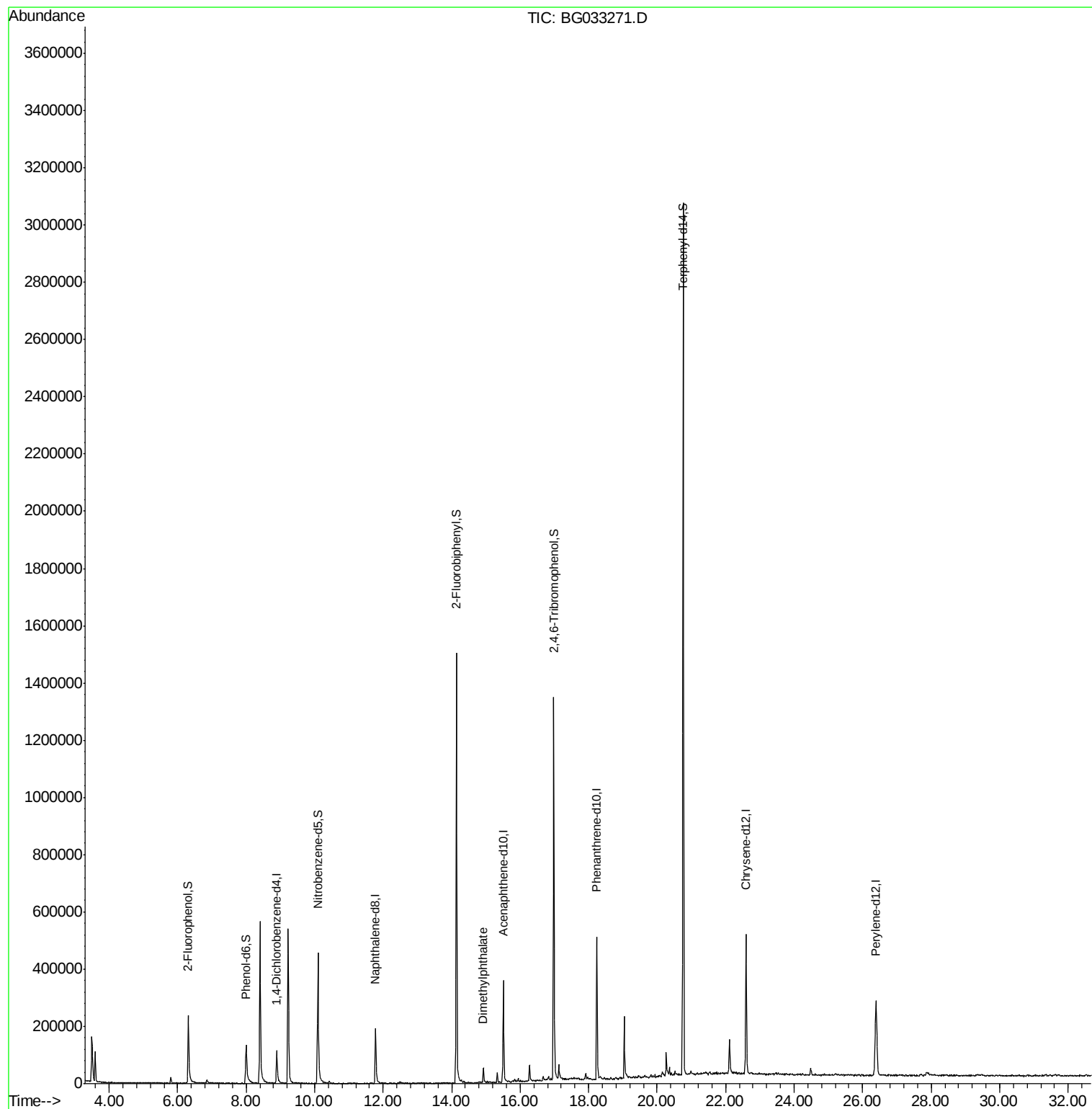
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	42167	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	184991	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	135248	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	348456	20.00	ng	0.00
75) Chrysene-d12	22.60	240	357579	20.00	ng	0.00
86) Perylene-d12	26.39	264	371656	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	132513	58.93	ng	0.00
7) Phenol-d6	8.00	99	115256	29.83	ng	0.00
23) Nitrobenzene-d5	10.09	82	372770	92.58	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	282530	139.67	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	857385	91.52	ng	0.00
78) Terphenyl-d14	20.76	244	1532677	91.67	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.92	163	32555	2.766	ng	Qvalue # 98

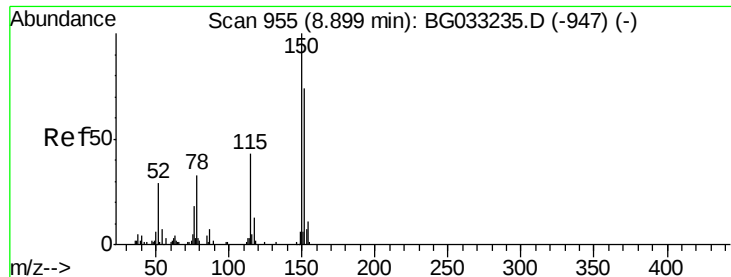
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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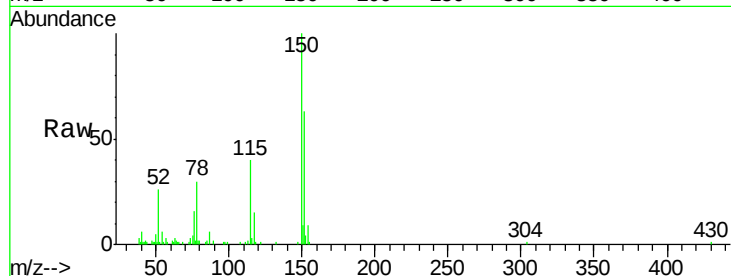


#1

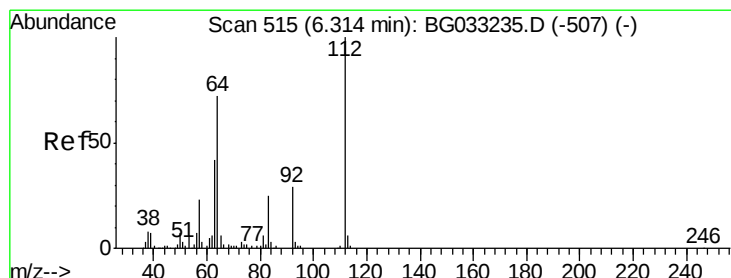
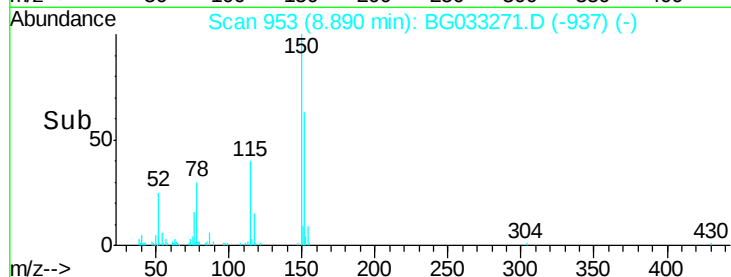
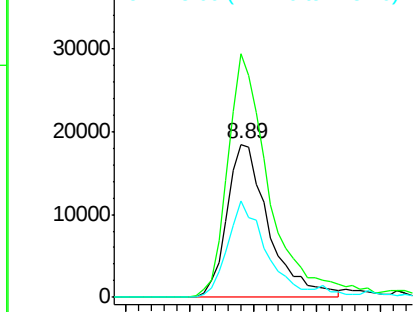
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.01 min
Lab File: BG033271.D
Acq: 20 Mar 2018 17:19

Instrument :
BNA_G
ClientSampleId :
GW-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	126.6	189.8
115	62.9	53.0	79.4



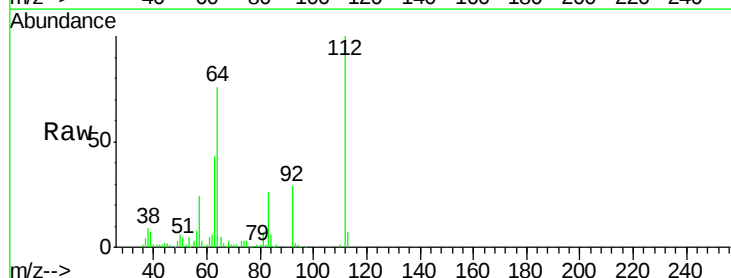
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



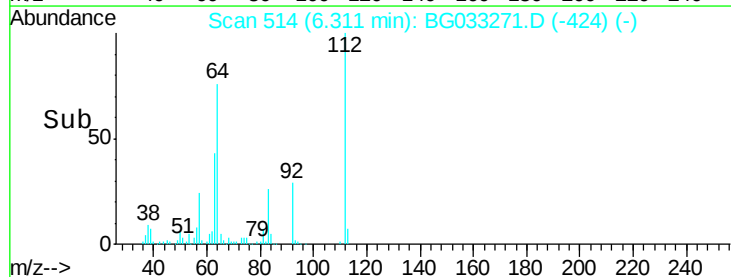
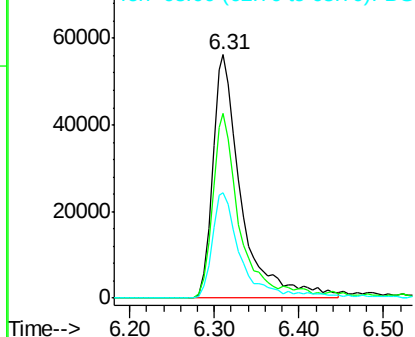
#5

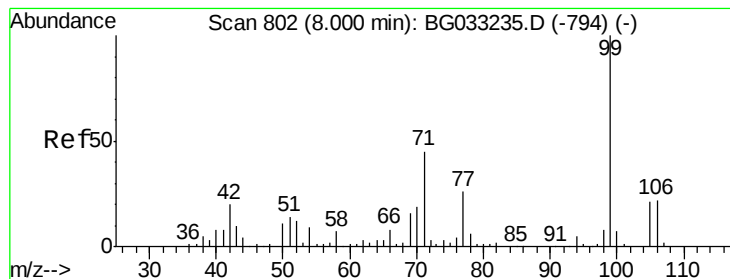
2-Fluorophenol
Concen: 58.927 ng
RT: 6.31 min Scan# 514
Delta R.T. -0.00 min
Lab File: BG033271.D
Acq: 20 Mar 2018 17:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.9	56.3	84.5
63	43.4	30.1	45.1



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: 29.829 ng

RT: 8.00 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG033271.D

Acq: 20 Mar 2018 17:19

Instrument :

BNA_G

ClientSampled :

GW-2

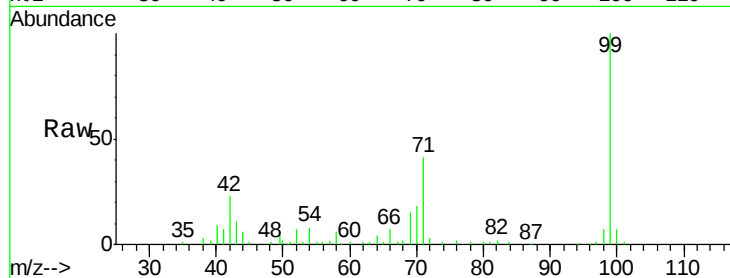
Tot Ion: 99 Resp: 115256

Ion Ratio Lower Upper

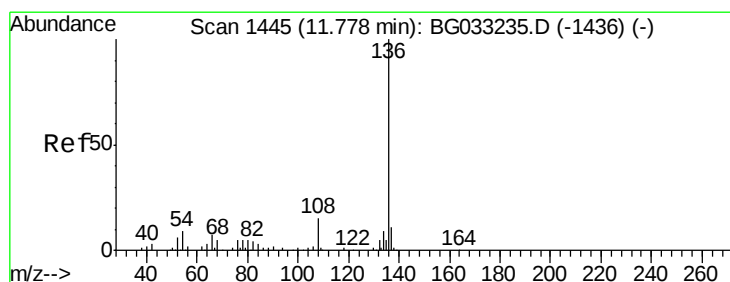
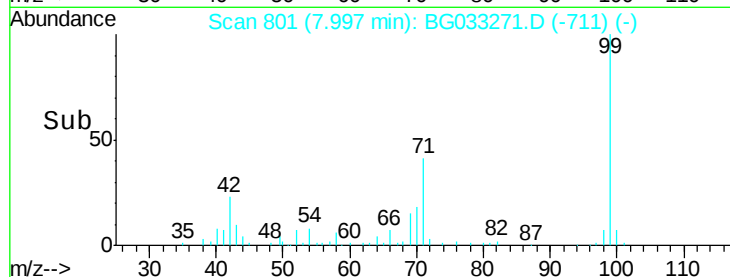
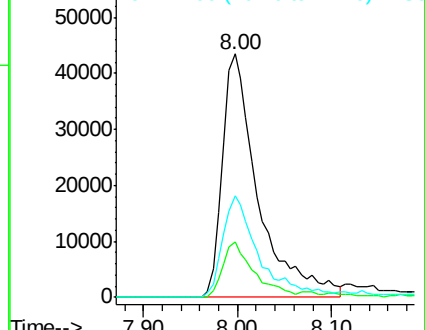
99 100

42 22.6 14.1 21.1#

71 41.5 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.78 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BG033271.D

Acq: 20 Mar 2018 17:19

Tgt Ion: 136 Resp: 184991

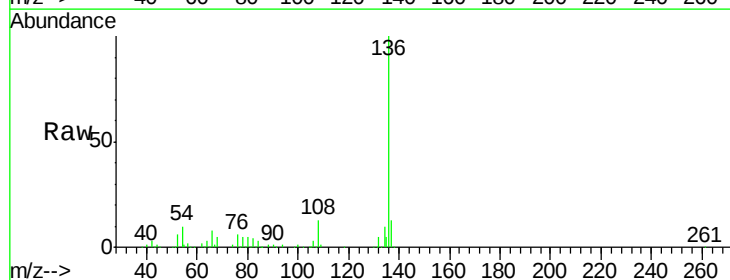
Ion Ratio Lower Upper

136 100

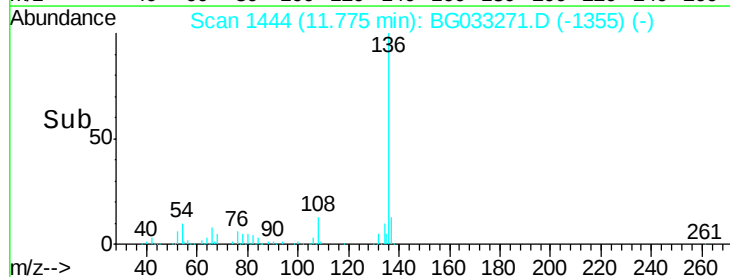
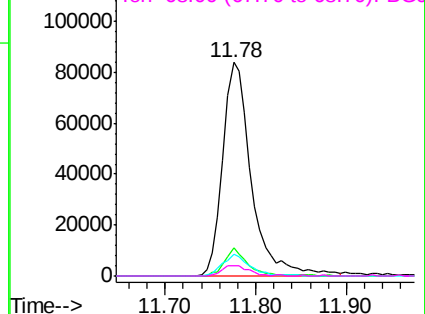
137 13.0 9.2 13.8

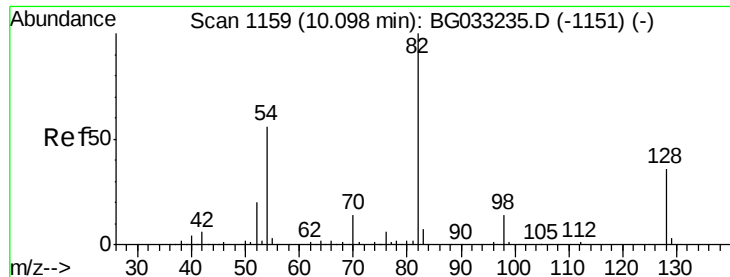
54 10.3 10.3 15.5

68 5.1 4.5 6.7



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: 92.581 ng

RT: 10.09 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BG033271.D

Acq: 20 Mar 2018 17:19

Instrument :

BNA_G

ClientSampleId :

GW-2

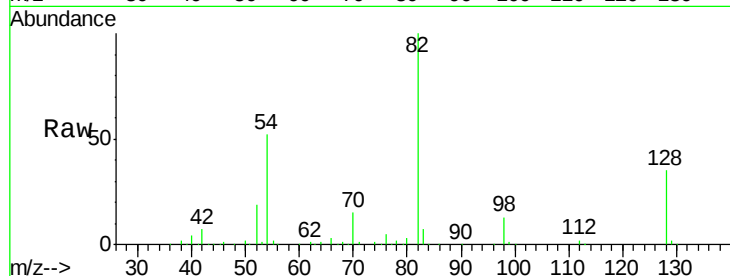
Tot Ion: 82 Resp: 372770

Ion Ratio Lower Upper

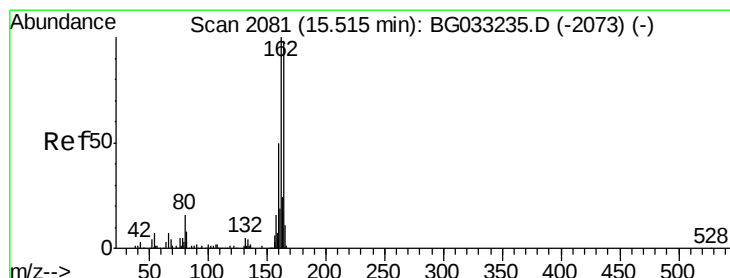
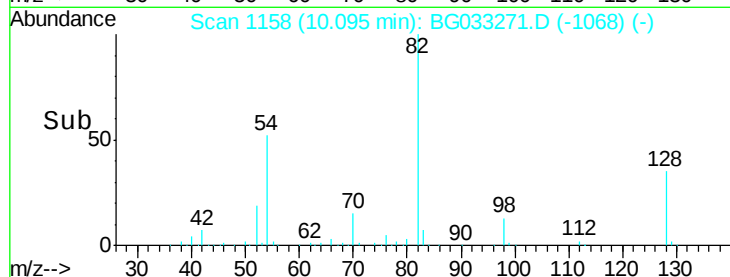
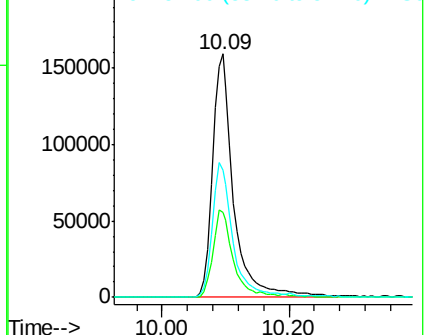
82 100

128 35.1 29.7 44.5

54 52.0 43.1 64.7



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: 20.000 ng

RT: 15.51 min Scan# 2080

Delta R.T. -0.00 min

Lab File: BG033271.D

Acq: 20 Mar 2018 17:19

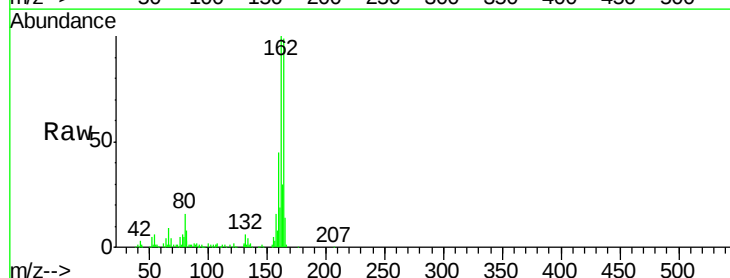
Tgt Ion:164 Resp: 135248

Ion Ratio Lower Upper

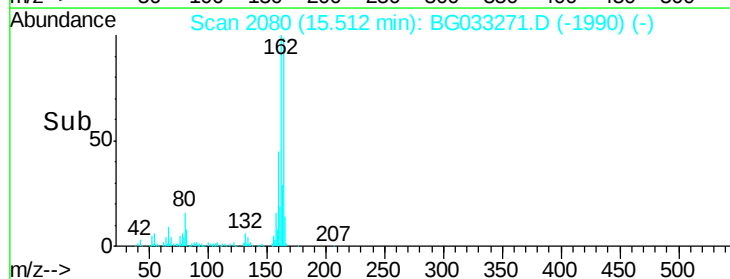
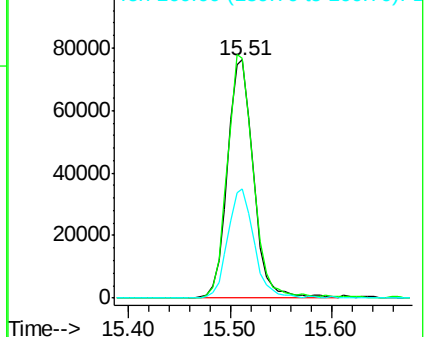
164 100

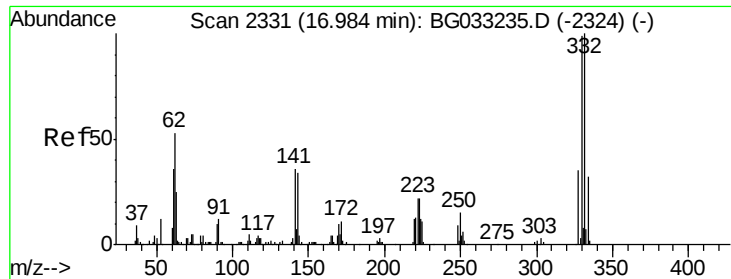
162 100.7 78.8 118.2

160 45.8 35.4 53.0



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

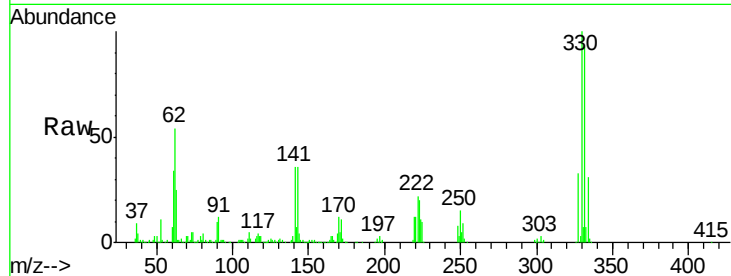




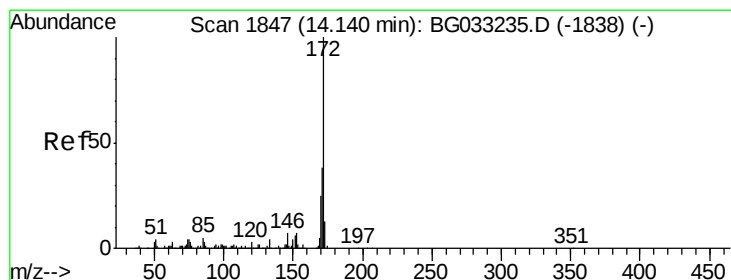
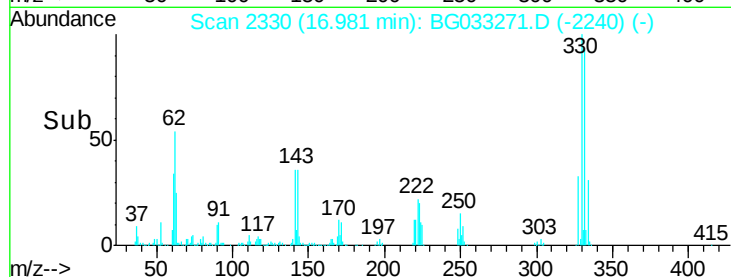
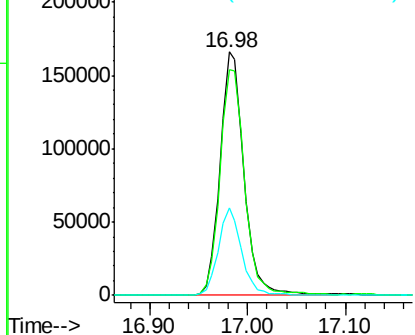
#41
 2,4,6-Tribromophenol
 Concen: 139.673 ng
 RT: 16.98 min Scan# 2330
 Delta R.T. -0.00 min
 Lab File: BG033271.D
 Acq: 20 Mar 2018 17:19

Instrument :
 BNA_G
 ClientSampleId :
 GW-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	34.8	25.2	37.8

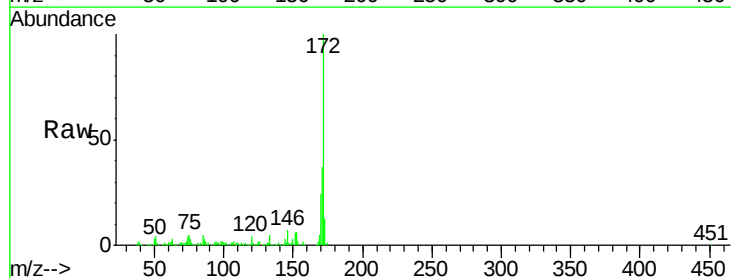


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

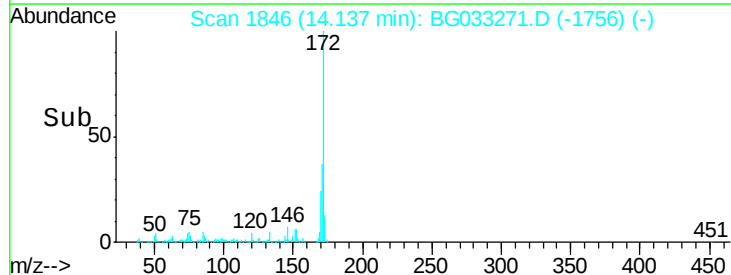
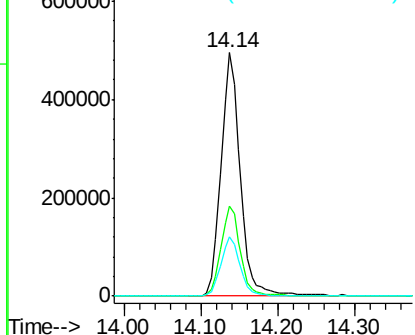


#44
 2-Fluorobiphenyl
 Concen: 91.517 ng
 RT: 14.14 min Scan# 1846
 Delta R.T. -0.00 min
 Lab File: BG033271.D
 Acq: 20 Mar 2018 17:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	24.2	19.5	29.3



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





#49

Dimethylphthalate

Concen: 2.766 ng

RT: 14.92 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BG033271.D

Acq: 20 Mar 2018 17:19

Instrument :

BNA_G

ClientSampleId :

GW-2

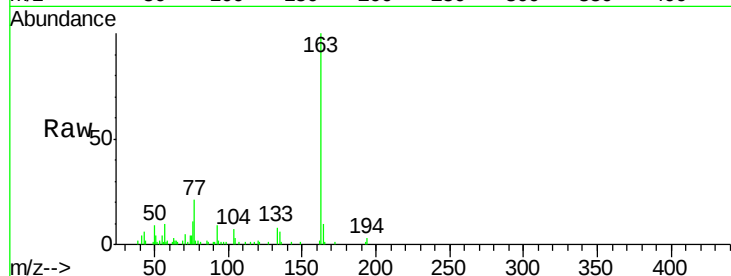
Tot Ion:163 Resp: 32555

Ion Ratio Lower Upper

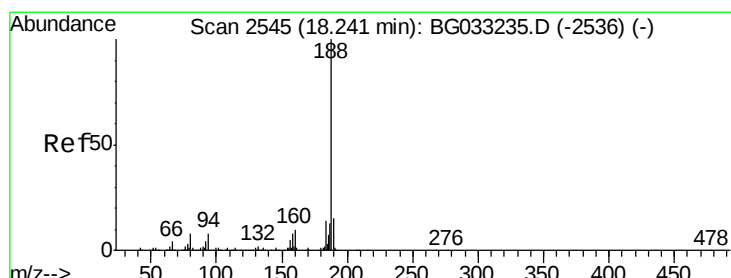
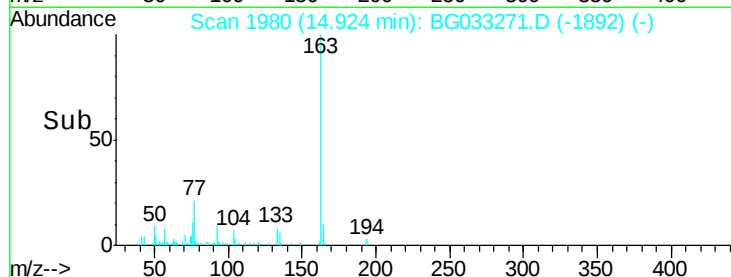
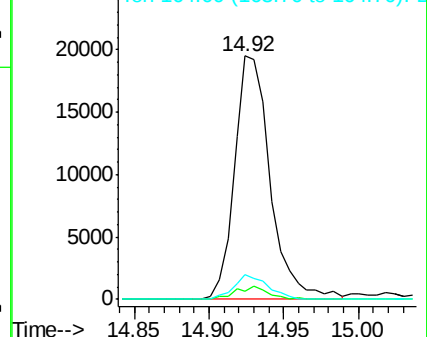
163 100

194 3.2 3.4 5.2#

164 9.9 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.24 min Scan# 2544

Delta R.T. -0.00 min

Lab File: BG033271.D

Acq: 20 Mar 2018 17:19

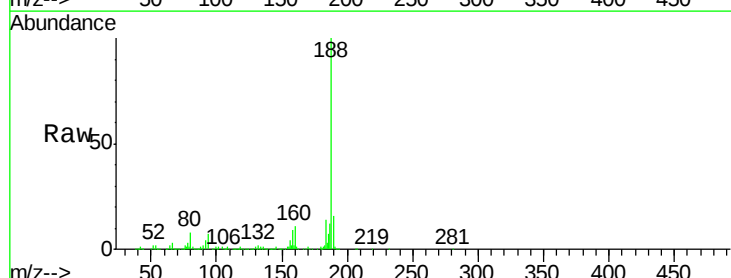
Tgt Ion:188 Resp: 348456

Ion Ratio Lower Upper

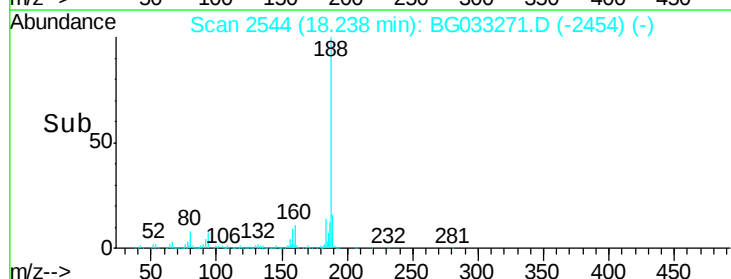
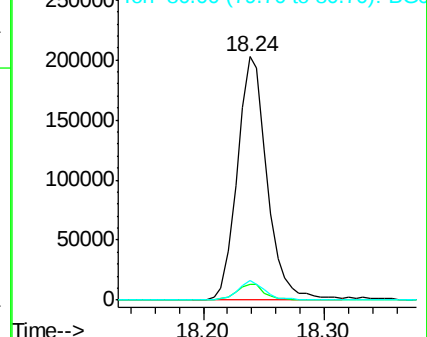
188 100

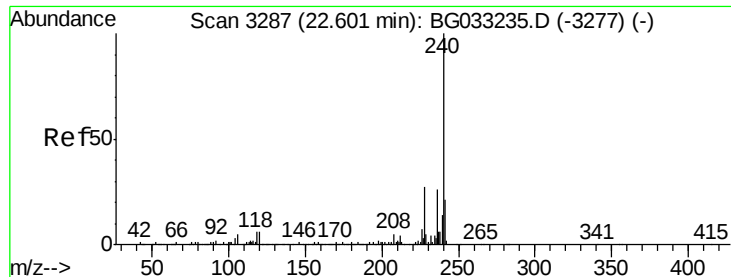
94 6.6 6.9 10.3#

80 8.2 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: 20.000 ng

RT: 22.60 min Scan# 3286

Delta R.T. -0.00 min

Lab File: BG033271.D

Acq: 20 Mar 2018 17:19

Instrument :

BNA_G

ClientSampleId :

GW-2

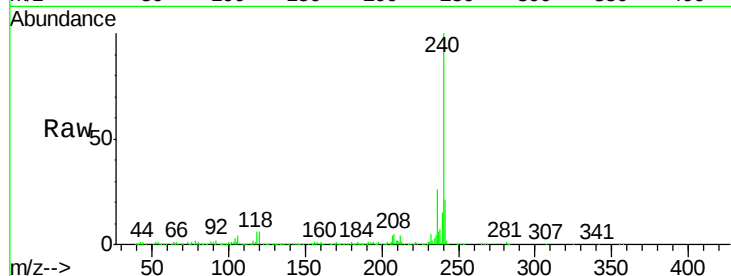
Tot Ion:240 Resp: 357579

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

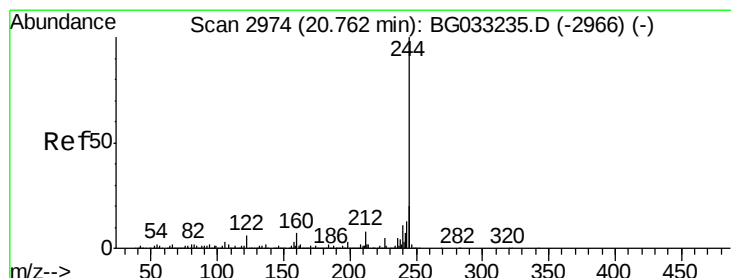
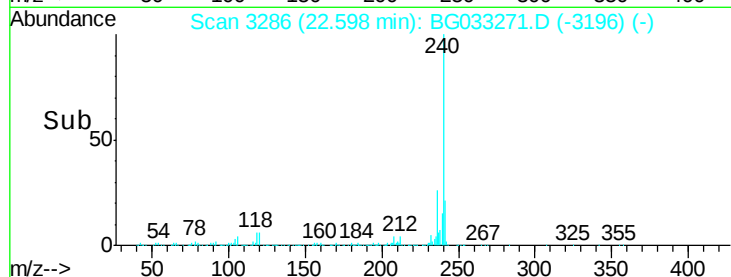
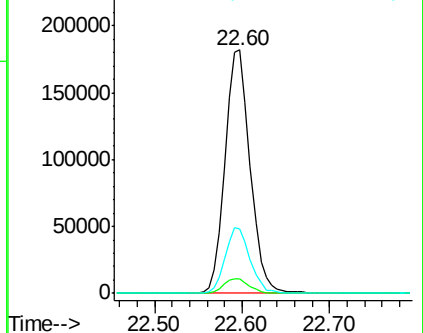
236 26.3 20.9 31.3



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: 91.666 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.00 min

Lab File: BG033271.D

Acq: 20 Mar 2018 17:19

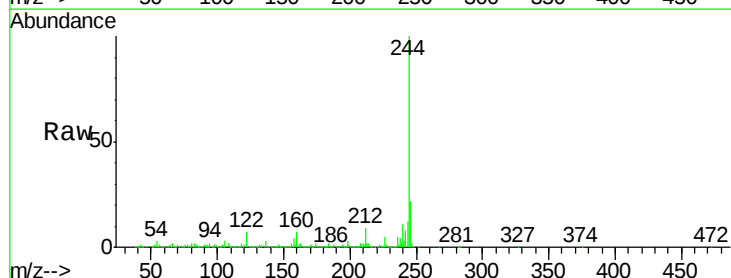
Tgt Ion:244 Resp: 1532677

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

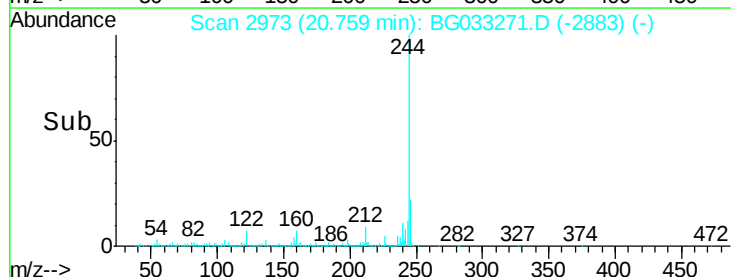
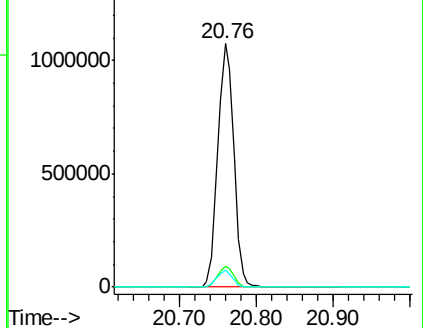
122 7.2 7.0 10.4



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

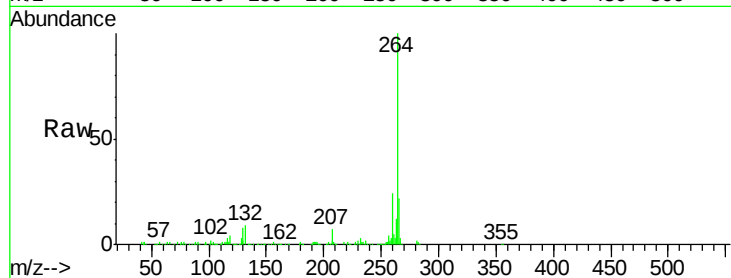




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.39 min Scan# 3931
Delta R.T. -0.01 min
Lab File: BG033271.D
Acq: 20 Mar 2018 17:19

Instrument :
BNA_G
ClientSampleId :
GW-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	21.6	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

