

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032018\
 Data File : BG033270.D
 Acq On : 20 Mar 2018 16:41
 Operator : SJ/JU
 Sample : J1980-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-1

Quant Time: Mar 20 18:29:11 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

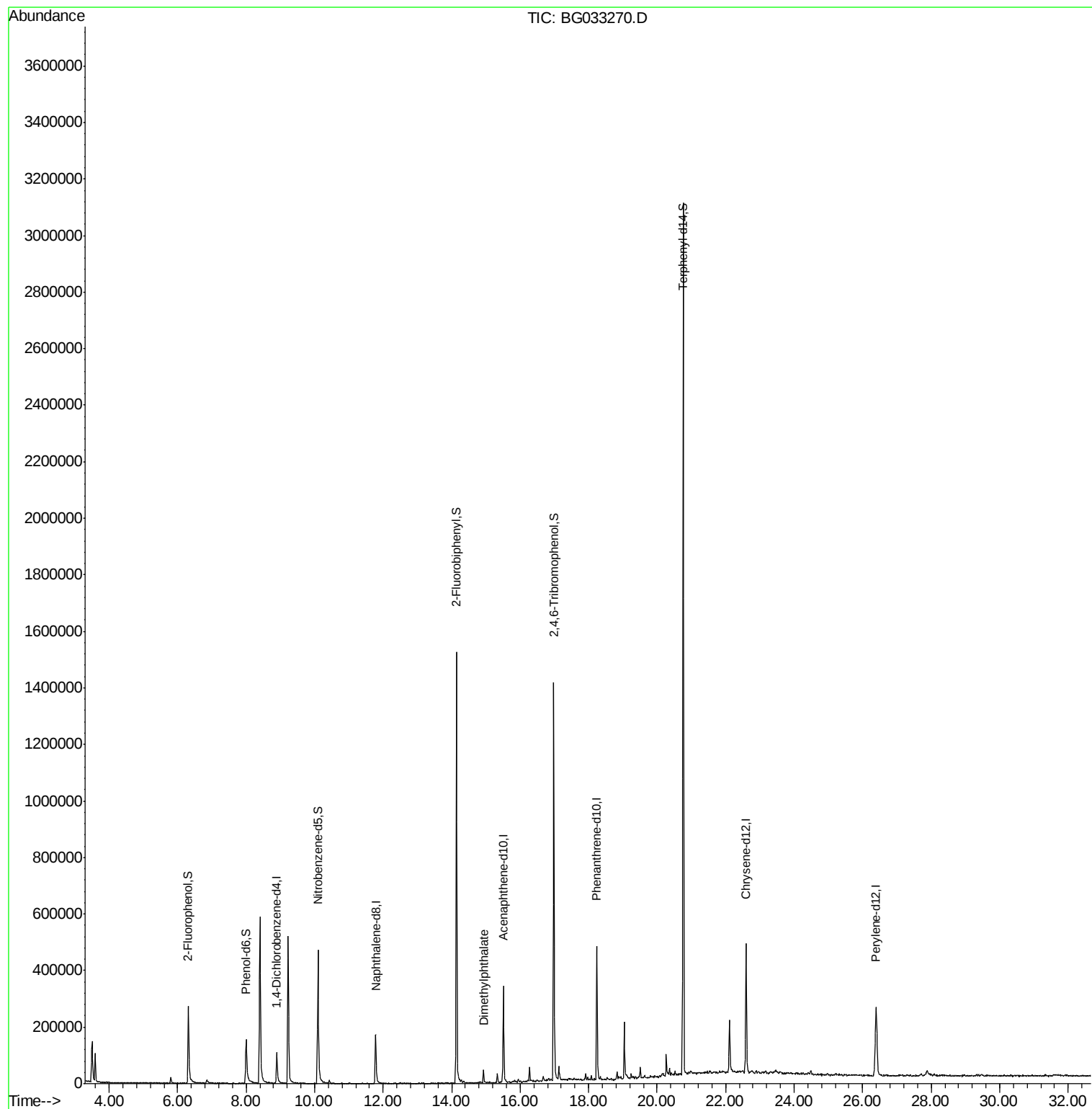
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	40064	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	179359	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	132671	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	341282	20.00	ng	0.00
75) Chrysene-d12	22.60	240	338571	20.00	ng	0.00
86) Perylene-d12	26.39	264	346518	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	146570	68.60	ng	0.00
7) Phenol-d6	8.00	99	133596	36.39	ng	0.00
23) Nitrobenzene-d5	10.09	82	365514	93.63	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	293420	147.87	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	863151	93.92	ng	0.00
78) Terphenyl-d14	20.76	244	1567349	99.00	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.93	163	28613	2.478	ng	96

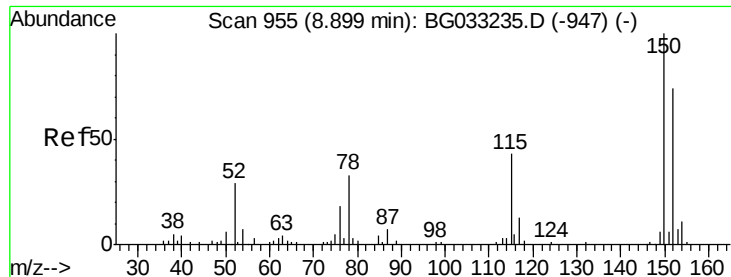
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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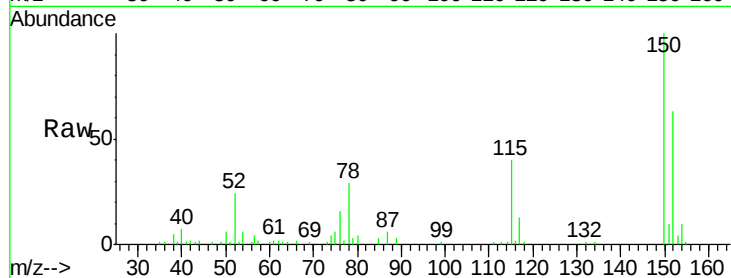


#1

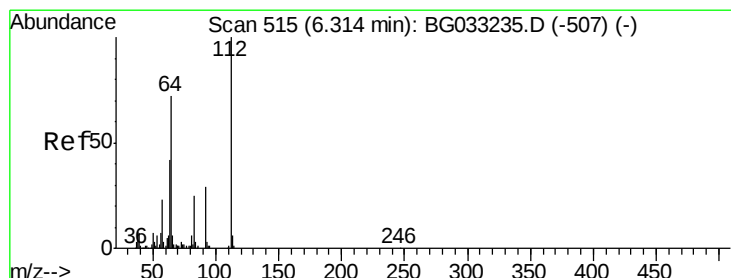
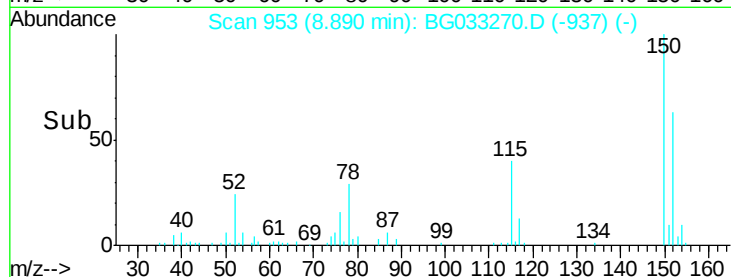
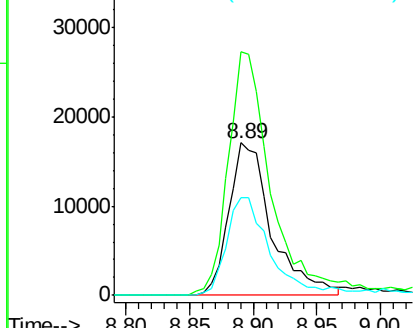
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.01 min
Lab File: BG033270.D
Acq: 20 Mar 2018 16:41

Instrument :
BNA_G
ClientSampleId :
GW-1

Tot Ion:152 Resp: 40064
Ion Ratio Lower Upper
152 100
150 159.8 126.6 189.8
115 64.2 53.0 79.4



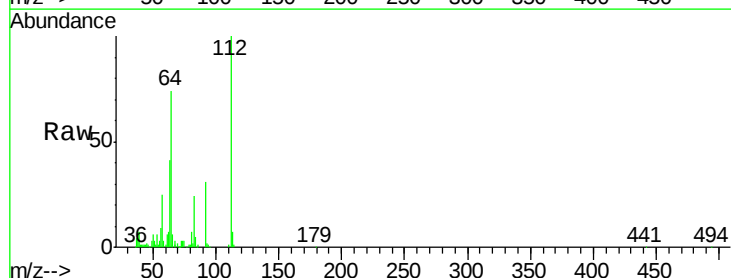
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



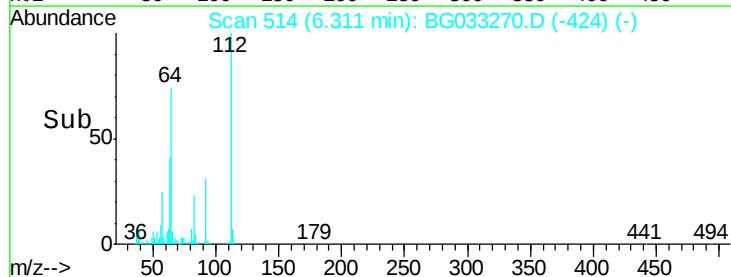
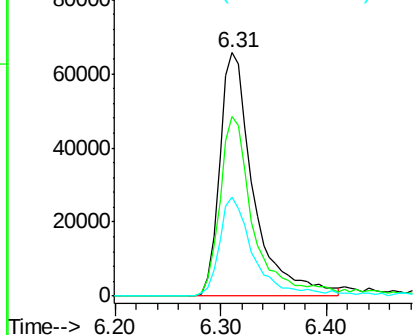
#5

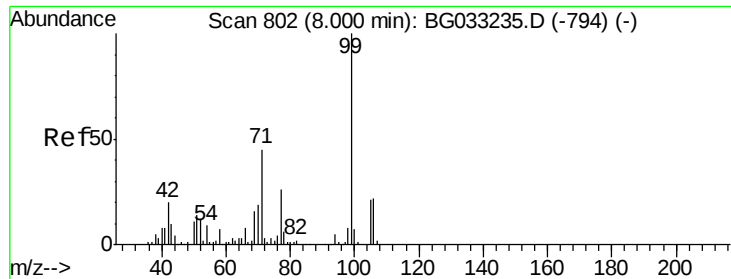
2-Fluorophenol
Concen: 68.599 ng
RT: 6.31 min Scan# 514
Delta R.T. -0.00 min
Lab File: BG033270.D
Acq: 20 Mar 2018 16:41

Tgt Ion:112 Resp: 146570
Ion Ratio Lower Upper
112 100
64 73.7 56.3 84.5
63 40.6 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 36.391 ng

RT: 8.00 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG033270.D

Acq: 20 Mar 2018 16:41

Instrument :

BNA_G

ClientSampleId :

GW-1

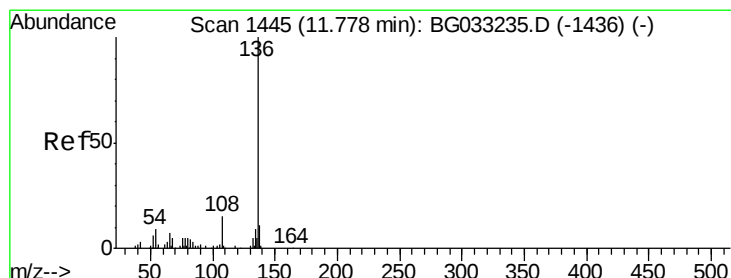
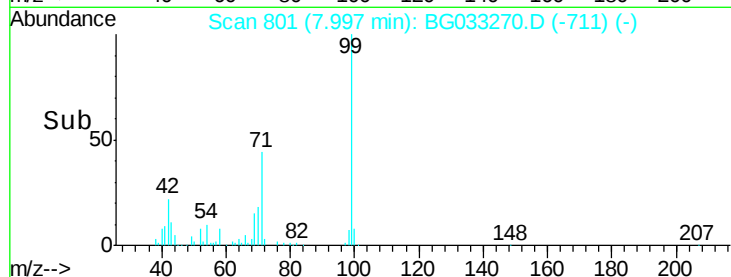
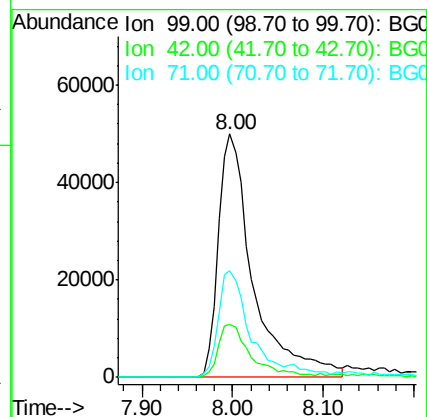
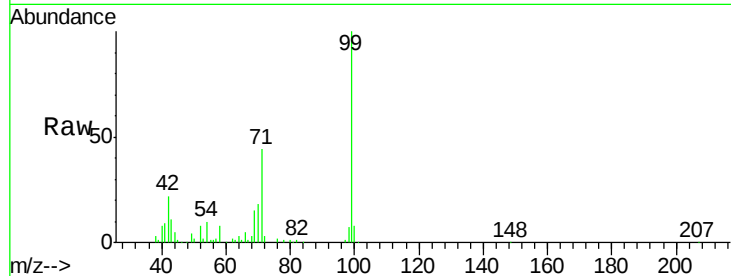
Tot Ion: 99 Resp: 133596

Ion Ratio Lower Upper

99 100

42 21.6 14.1 21.1#

71 43.6 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.78 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BG033270.D

Acq: 20 Mar 2018 16:41

Tgt Ion: 136 Resp: 179359

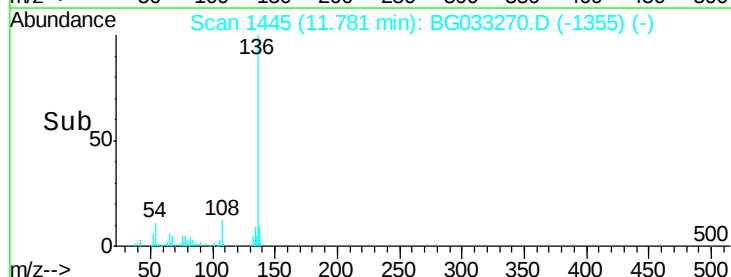
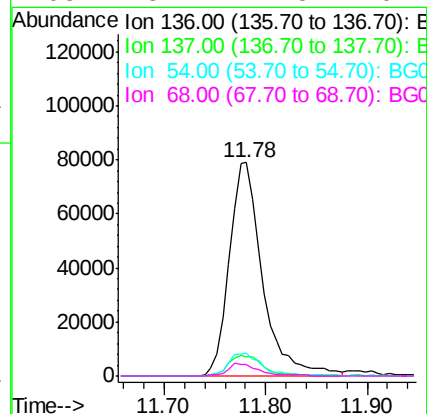
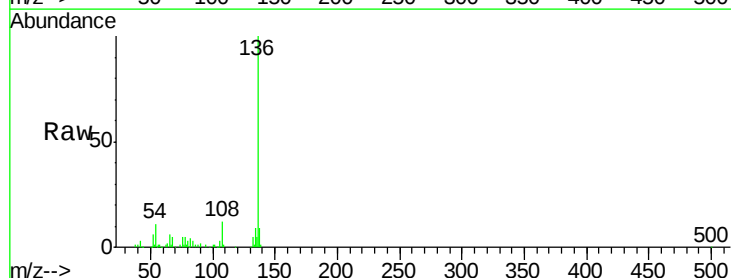
Ion Ratio Lower Upper

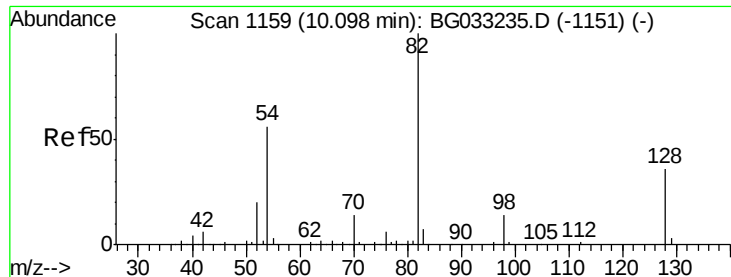
136 100

137 9.3 9.2 13.8

54 11.1 10.3 15.5

68 5.2 4.5 6.7





#23

Nitrobenzene-d5

Concen: 93.629 ng

RT: 10.09 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BG033270.D

Acq: 20 Mar 2018 16:41

Instrument :

BNA_G

ClientSampleId :

GW-1

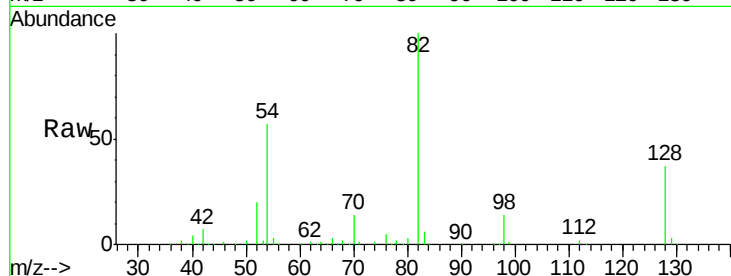
Tot Ion: 82 Resp: 365514

Ion Ratio Lower Upper

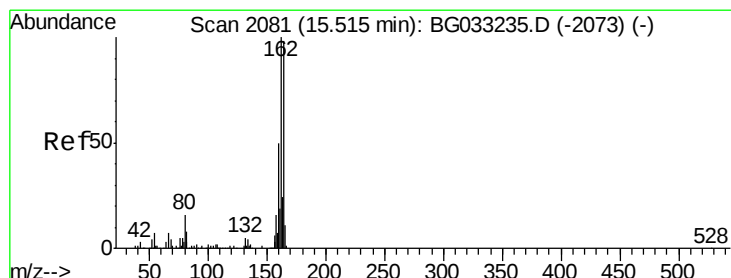
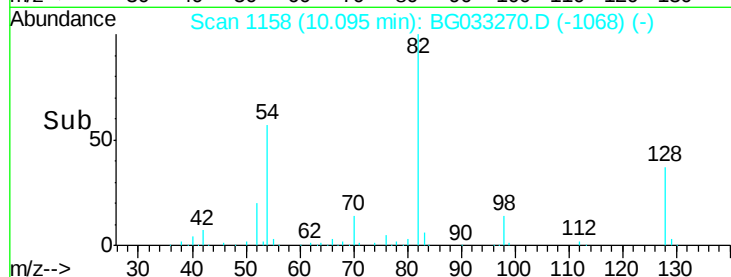
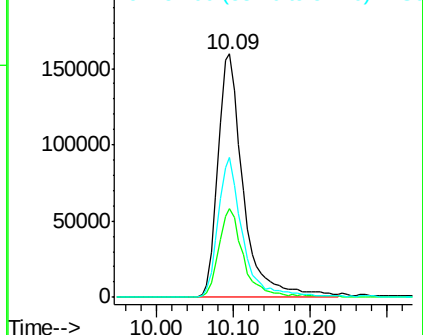
82 100

128 36.6 29.7 44.5

54 57.4 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: BG033270.D

Acq: 20 Mar 2018 16:41

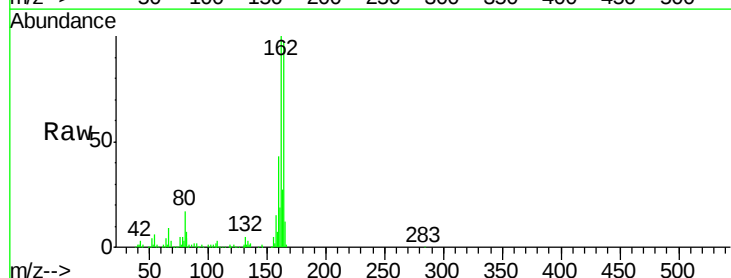
Tgt Ion:164 Resp: 132671

Ion Ratio Lower Upper

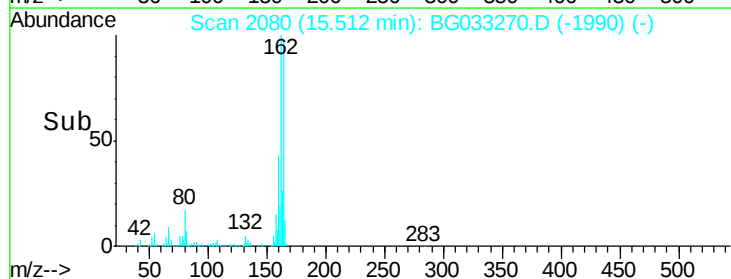
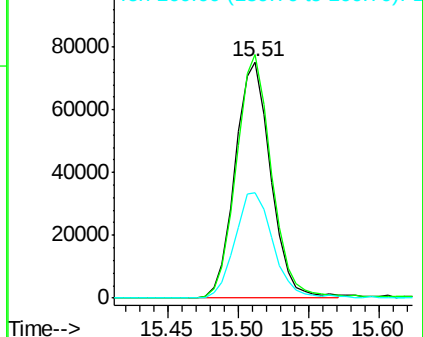
164 100

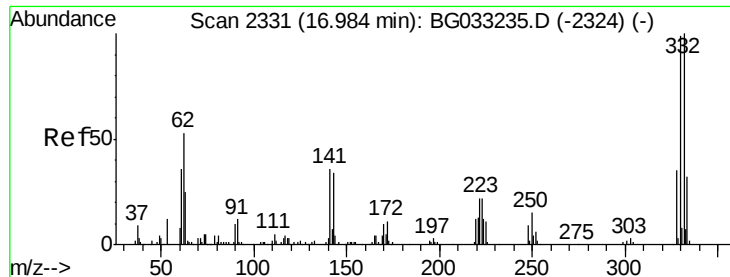
162 103.0 78.8 118.2

160 44.3 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

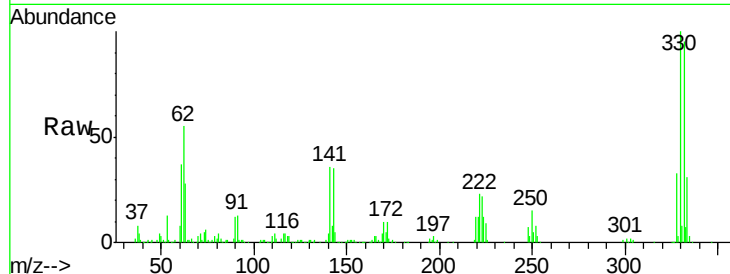




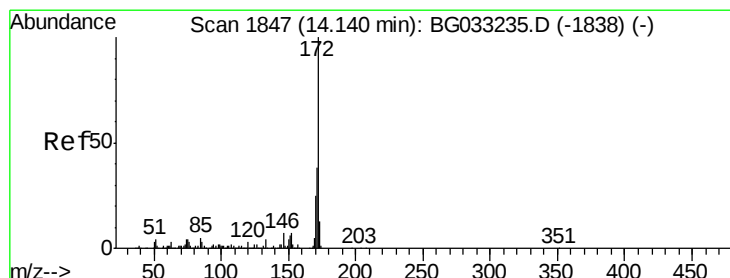
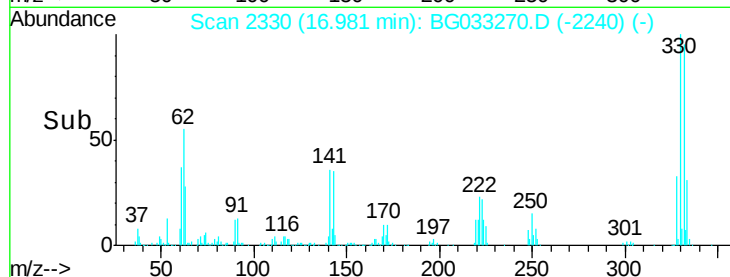
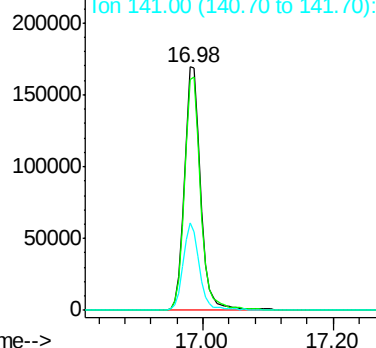
#41
 2,4,6-Tribromophenol
 Concen: 147.875 ng
 RT: 16.98 min Scan# 2330
 Delta R.T. -0.00 min
 Lab File: BG033270.D
 Acq: 20 Mar 2018 16:41

Instrument :
 BNA_G
 ClientSampleId :
 GW-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	35.2	25.2	37.8

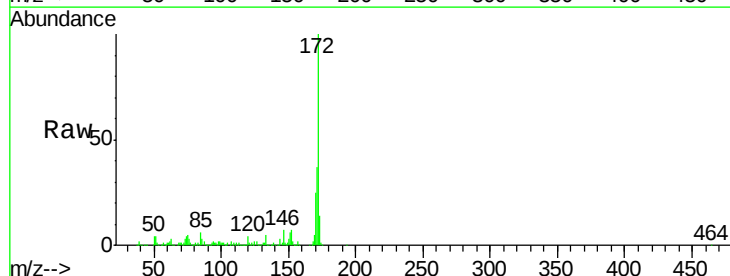


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

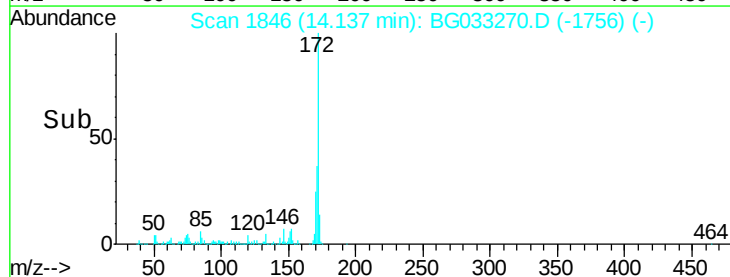
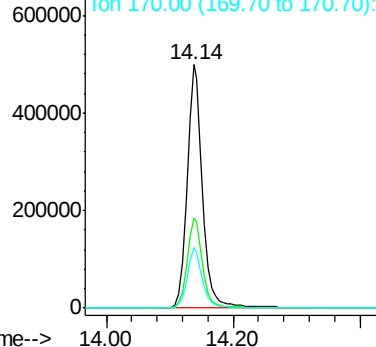


#44
 2-Fluorobiphenyl
 Concen: 93.922 ng
 RT: 14.14 min Scan# 1846
 Delta R.T. -0.00 min
 Lab File: BG033270.D
 Acq: 20 Mar 2018 16:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	24.7	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: 2.478 ng

RT: 14.93 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BG033270.D

Acq: 20 Mar 2018 16:41

Instrument :

BNA_G

ClientSampleId :

GW-1

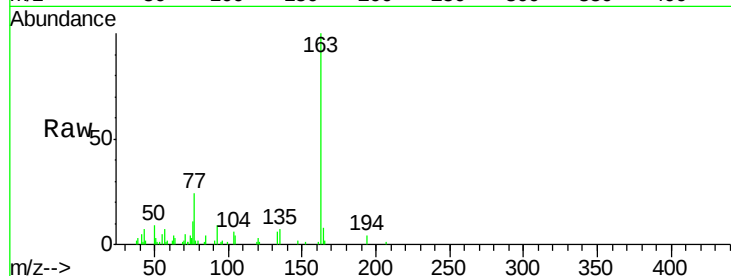
Tot Ion:163 Resp: 28613

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

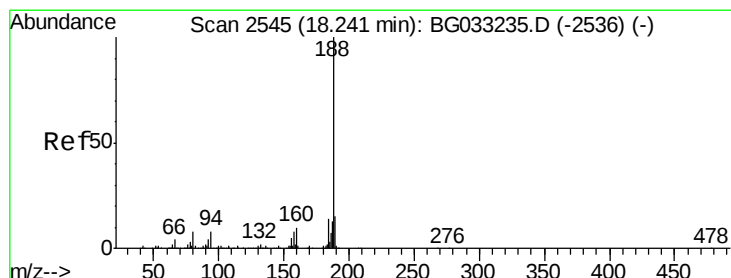
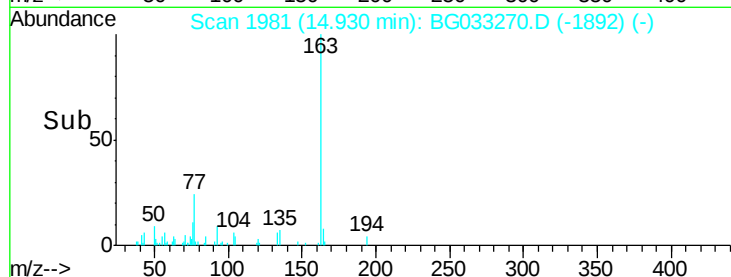
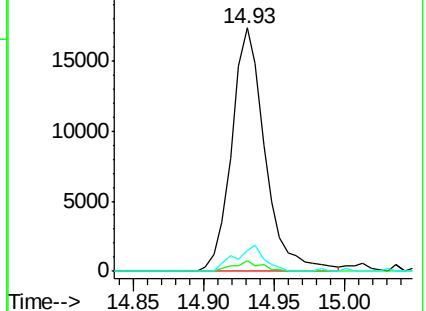
164 8.4 8.2 12.4



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: BG033270.D

Acq: 20 Mar 2018 16:41

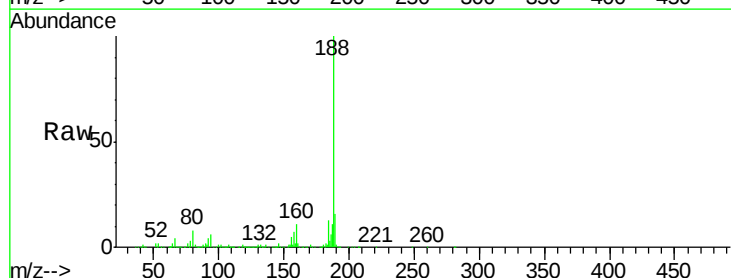
Tgt Ion:188 Resp: 341282

Ion Ratio Lower Upper

188 100

94 6.1 6.9 10.3#

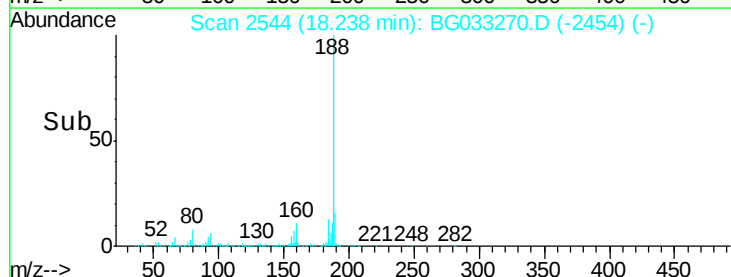
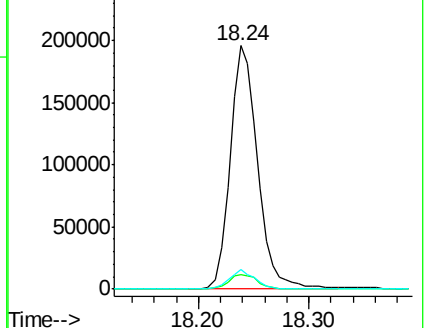
80 7.9 7.7 11.5

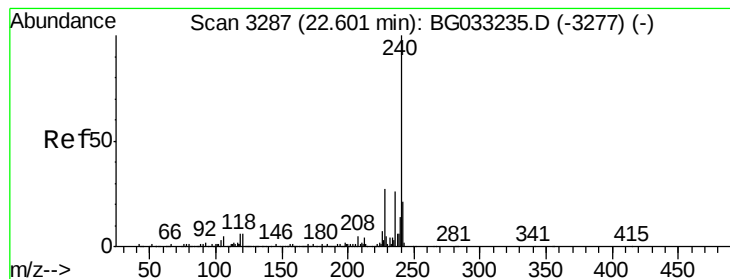


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG033270.D

Acq: 20 Mar 2018 16:41

Instrument :

BNA_G

ClientSampleId :

GW-1

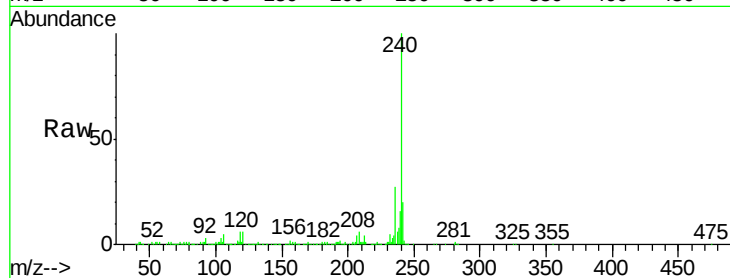
Tot Ion:240 Resp: 338571

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

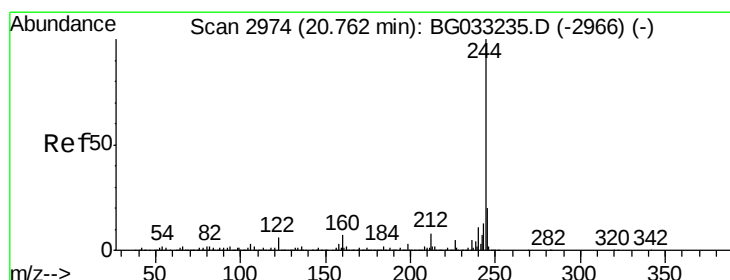
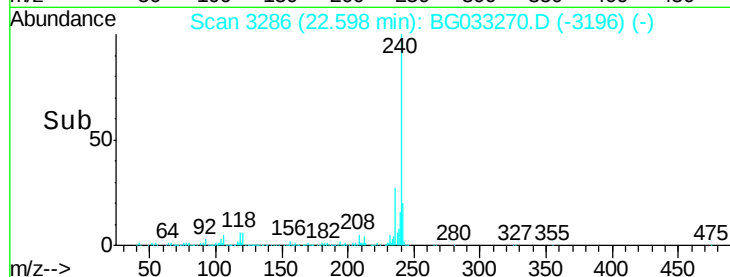
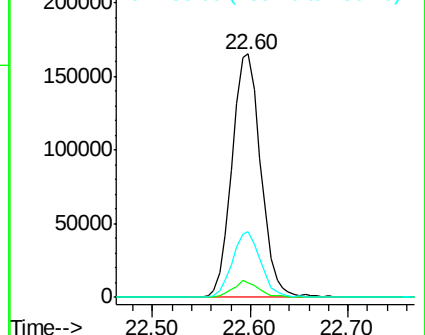
236 27.0 20.9 31.3



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: 99.003 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.00 min

Lab File: BG033270.D

Acq: 20 Mar 2018 16:41

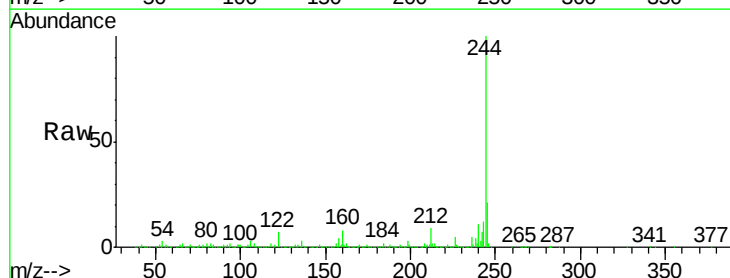
Tgt Ion:244 Resp: 1567349

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

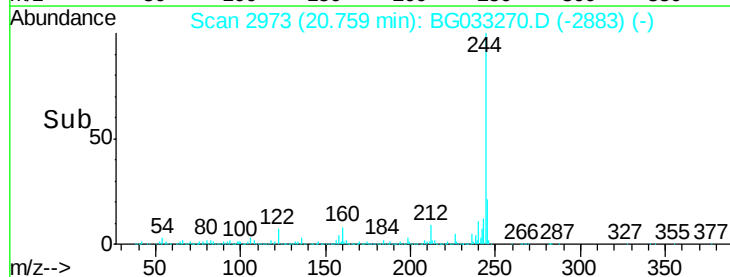
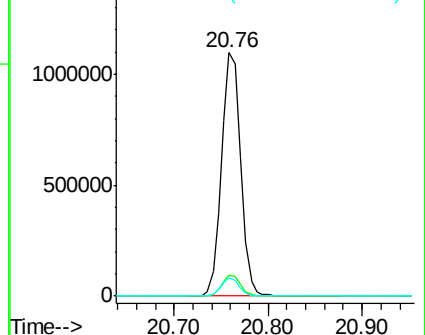
122 7.3 7.0 10.4

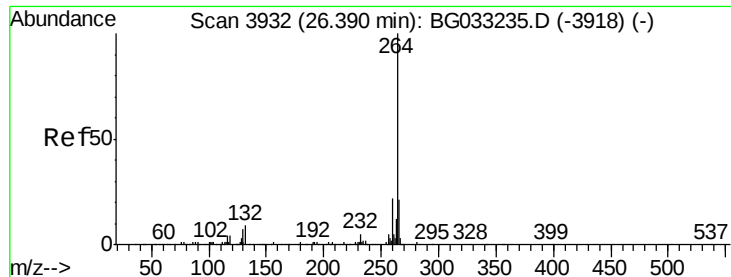


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

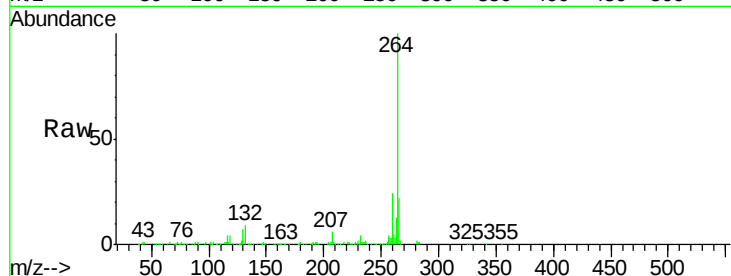




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.39 min Scan# 3932
 Delta R.T. -0.00 min
 Lab File: BG033270.D
 Acq: 20 Mar 2018 16:41

Instrument :
 BNA_G
 ClientSampleId :
 GW-1

Tot Ion:264	Resp:	346518
Ion	Ratio	Lower Upper
264	100	
260	24.0	17.4 26.0
265	22.1	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

