

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032018\
 Data File : BG033286.D
 Acq On : 21 Mar 2018 3:57
 Operator : SJ/JU
 Sample : J1979-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-1

Quant Time: Mar 21 06:41:11 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

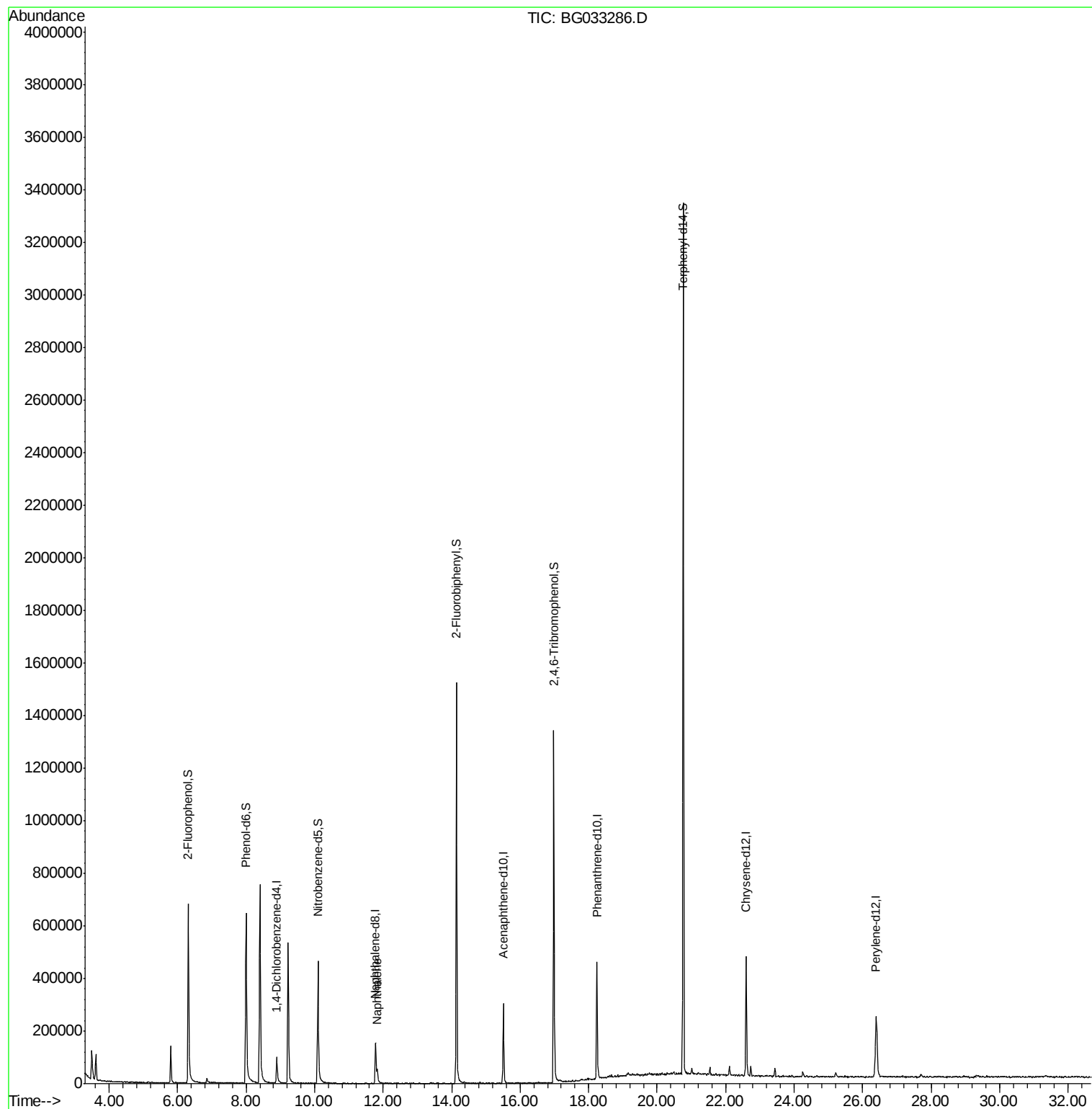
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	36361	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	157372	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	123689	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	327448	20.00	ng	0.00
75) Chrysene-d12	22.60	240	333680	20.00	ng	0.00
86) Perylene-d12	26.39	264	345217	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	336243	173.40	ng	0.00
7) Phenol-d6	8.00	99	463121	139.00	ng	0.00
23) Nitrobenzene-d5	10.10	82	366702	107.06	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	281281	152.05	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	882784	103.03	ng	0.00
78) Terphenyl-d14	20.76	244	1683032	107.87	ng	0.00
Target Compounds						
31) Naphthalene	11.83	128	48290	5.921	ng	Qvalue # 94

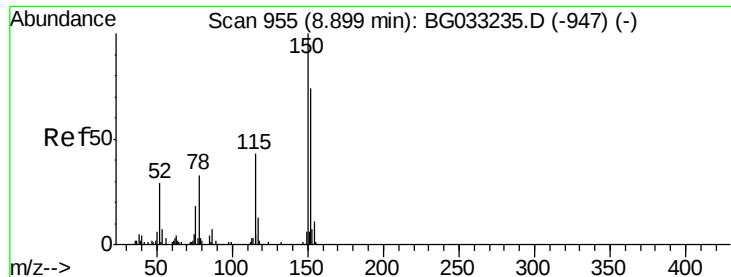
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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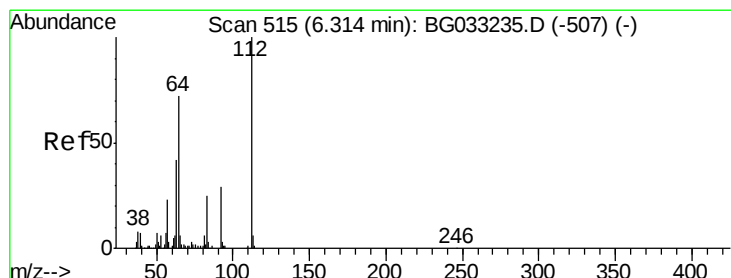
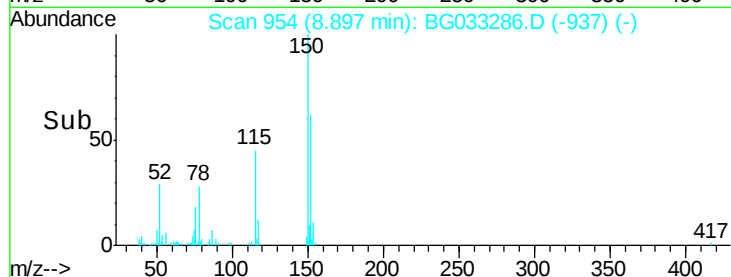
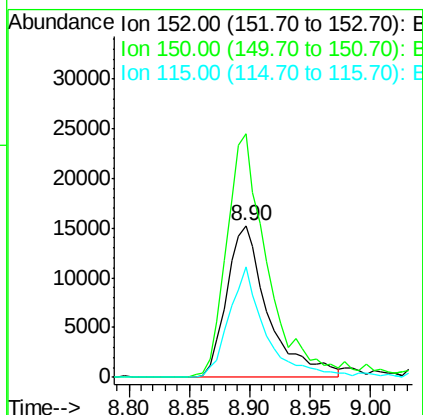
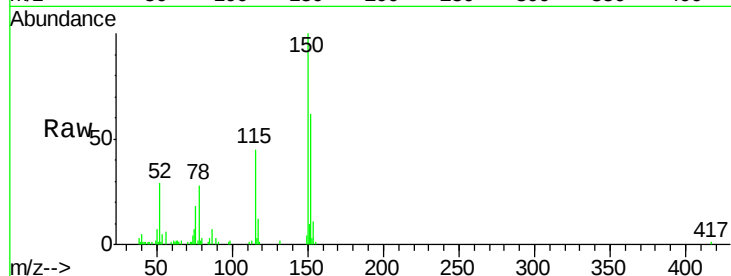


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033286.D
Acq: 21 Mar 2018 3:57

Instrument :
BNA_G
ClientSampleId :
SP-1

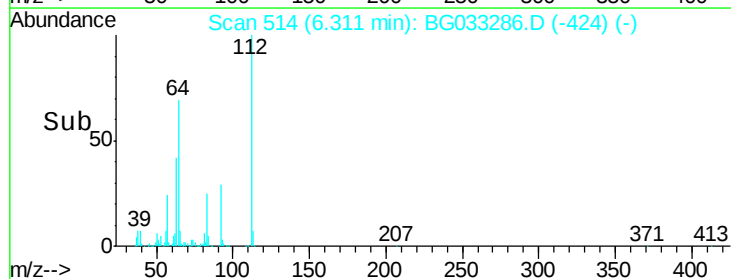
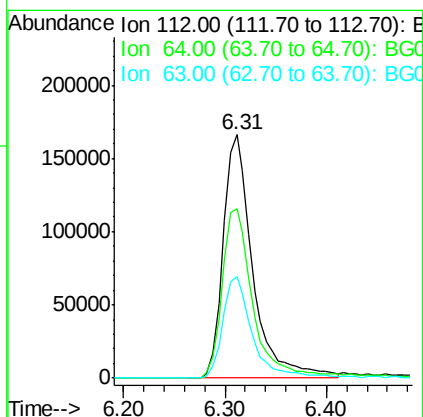
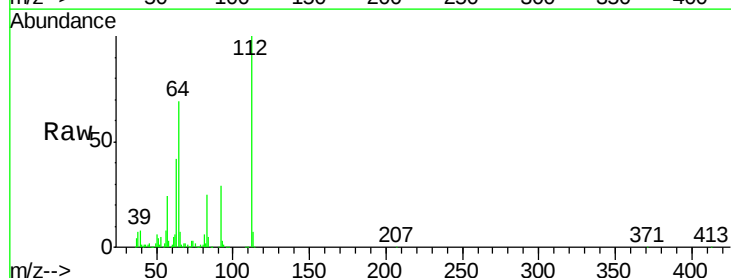
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	126.6	189.8
115	72.7	53.0	79.4

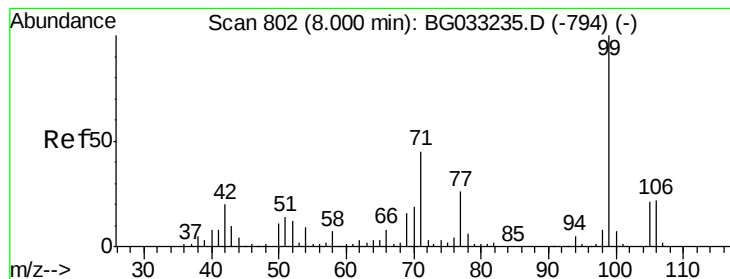


#5

2-Fluorophenol
Concen: 173.399 ng
RT: 6.31 min Scan# 514
Delta R.T. -0.00 min
Lab File: BG033286.D
Acq: 21 Mar 2018 3:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.3	56.3	84.5
63	41.6	30.1	45.1





#7

Phenol-d6

Concen: 138.999 ng

RT: 8.00 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG033286.D

Acq: 21 Mar 2018 3:57

Instrument :

BNA_G

ClientSampled :

SP-1

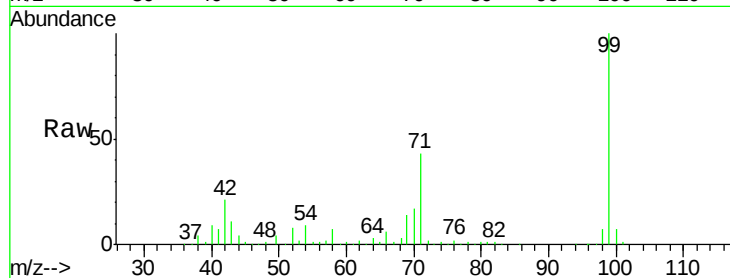
Tot Ion: 99 Resp: 463121

Ion Ratio Lower Upper

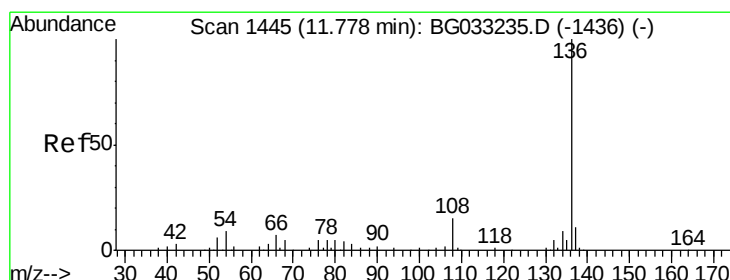
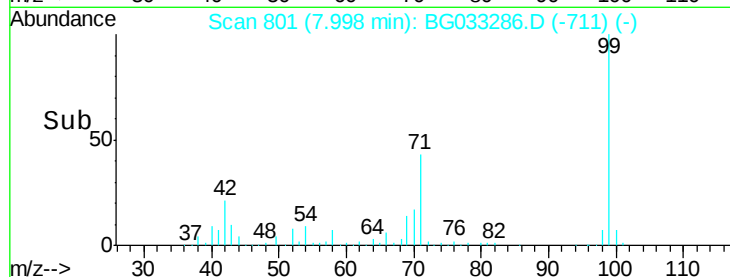
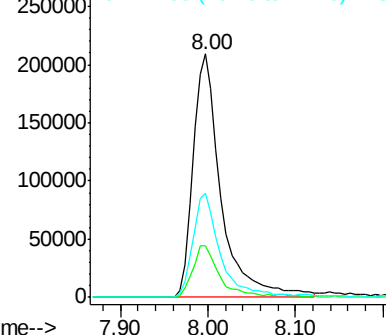
99 100

42 21.0 14.1 21.1

71 43.0 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: BG033286.D

Acq: 21 Mar 2018 3:57

Tgt Ion: 136 Resp: 157372

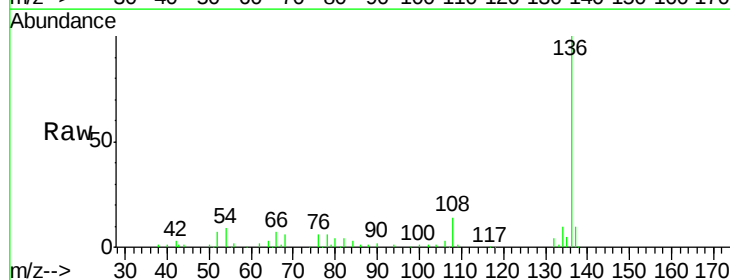
Ion Ratio Lower Upper

136 100

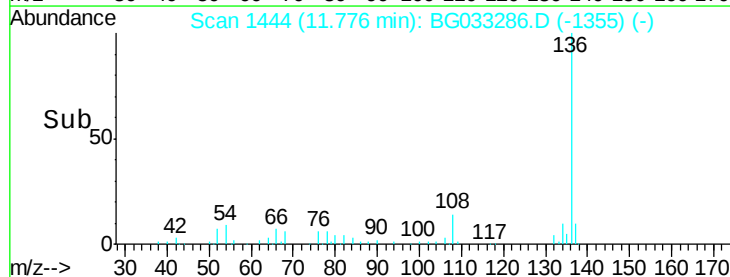
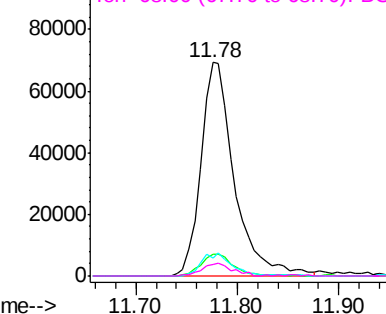
137 10.1 9.2 13.8

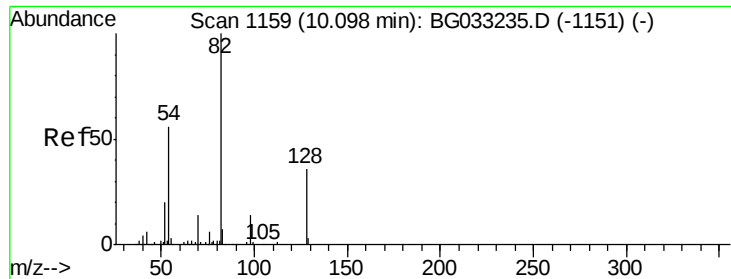
54 8.7 10.3 15.5#

68 5.5 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: 107.057 ng

RT: 10.10 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BG033286.D

Acq: 21 Mar 2018 3:57

Instrument :

BNA_G

ClientSampleId :

SP-1

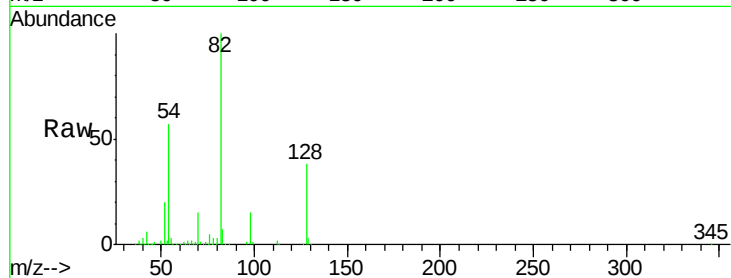
Tot Ion: 82 Resp: 366702

Ion Ratio Lower Upper

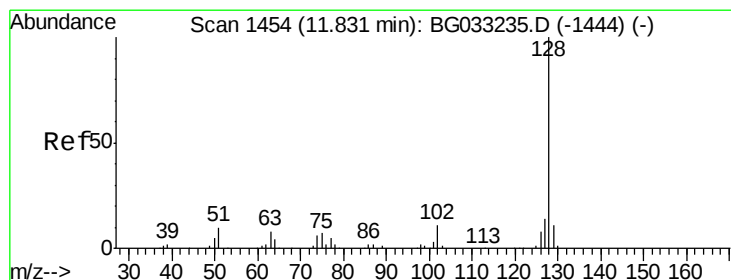
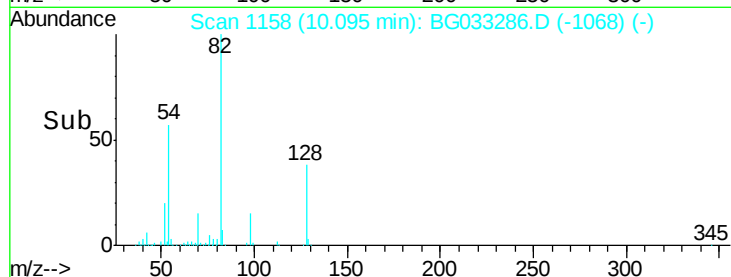
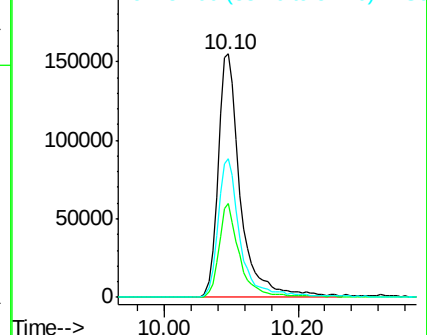
82 100

128 38.3 29.7 44.5

54 57.0 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



#31

Naphthalene

Concen: 5.921 ng

RT: 11.83 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BG033286.D

Acq: 21 Mar 2018 3:57

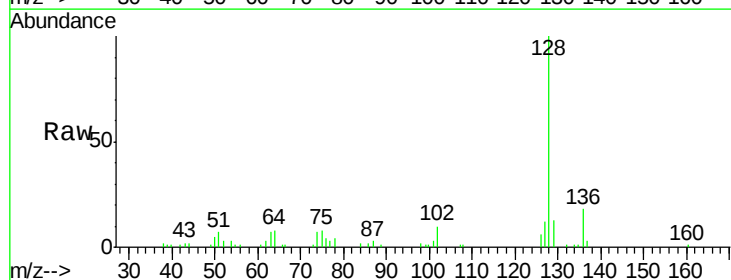
Tgt Ion: 128 Resp: 48290

Ion Ratio Lower Upper

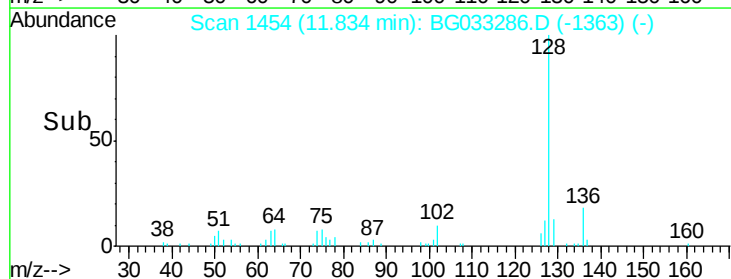
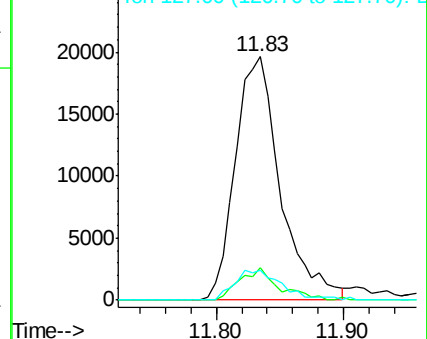
128 100

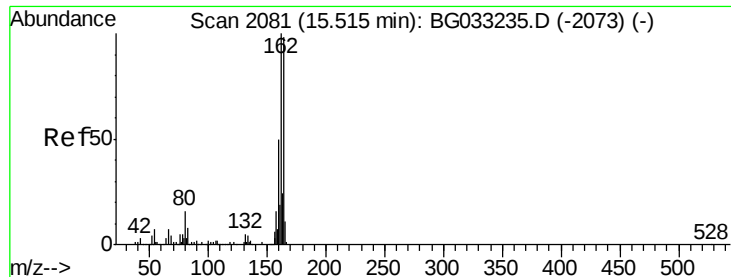
129 13.4 8.6 12.8#

127 12.2 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.51 min Scan# 2079

Delta R.T. -0.01 min

Lab File: BG033286.D

Acq: 21 Mar 2018 3:57

Instrument :

BNA_G

ClientSampleId :

SP-1

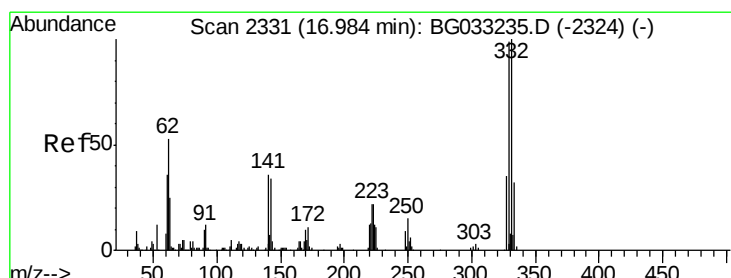
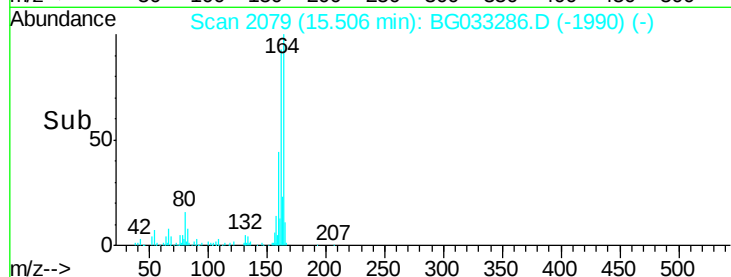
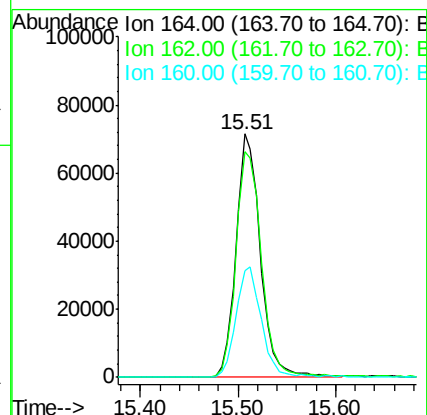
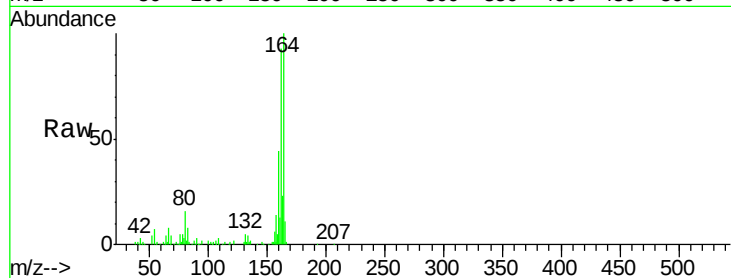
Tot Ion:164 Resp: 123689

Ion Ratio Lower Upper

164 100

162 92.7 78.8 118.2

160 44.0 35.4 53.0



#41

2,4,6-Tribromophenol

Concen: 152.051 ng

RT: 16.99 min Scan# 2331

Delta R.T. 0.00 min

Lab File: BG033286.D

Acq: 21 Mar 2018 3:57

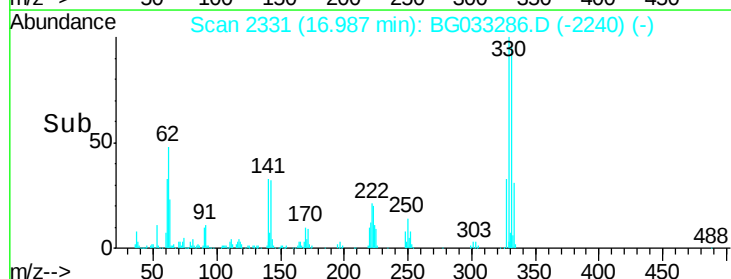
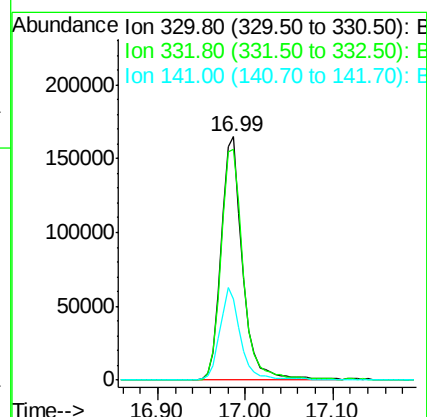
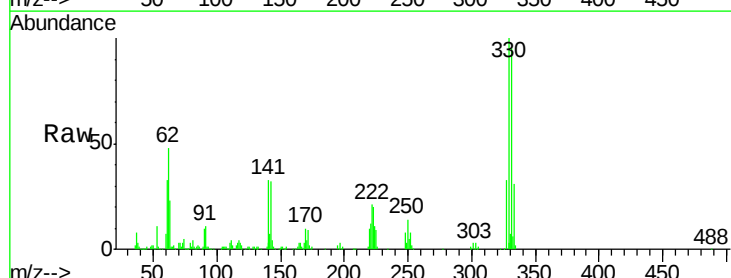
Tgt Ion:330 Resp: 281281

Ion Ratio Lower Upper

330 100

332 98.5 77.0 115.6

141 35.9 25.2 37.8

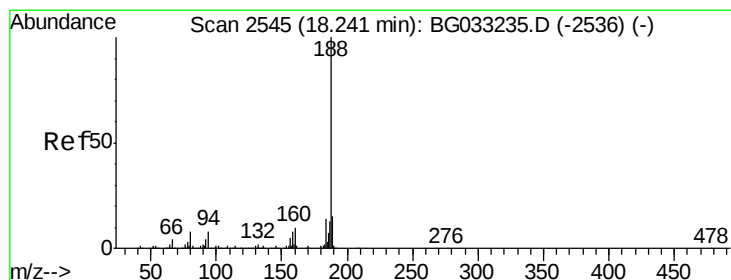
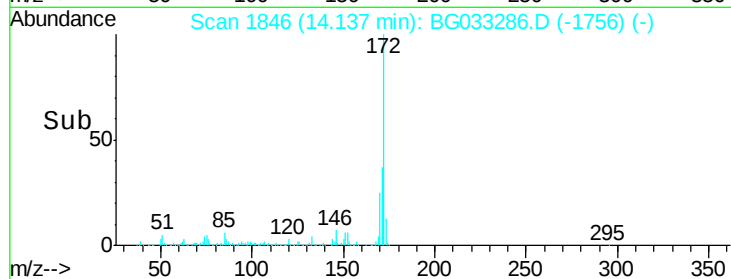
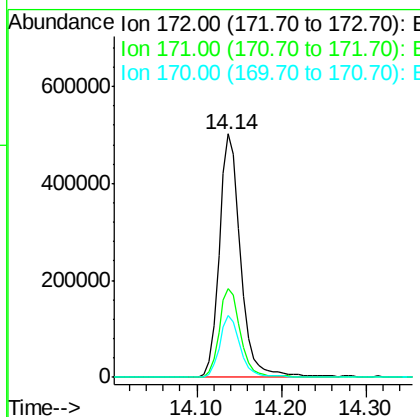
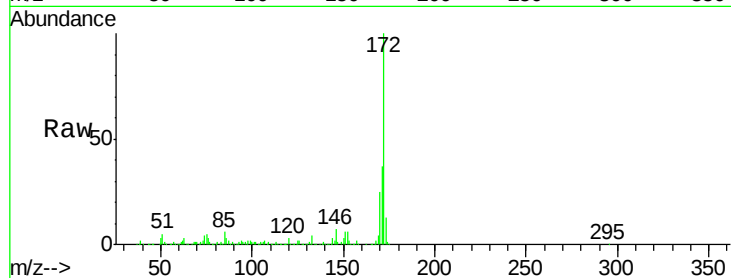




#44
2-Fluorobiphenyl
Concen: 103.034 ng
RT: 14.14 min Scan# 1846
Delta R.T. -0.00 min
Lab File: BG033286.D
Acq: 21 Mar 2018 3:57

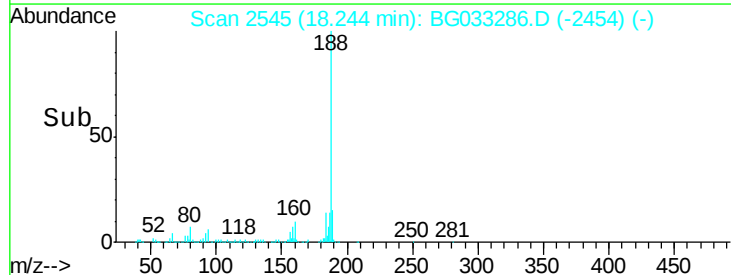
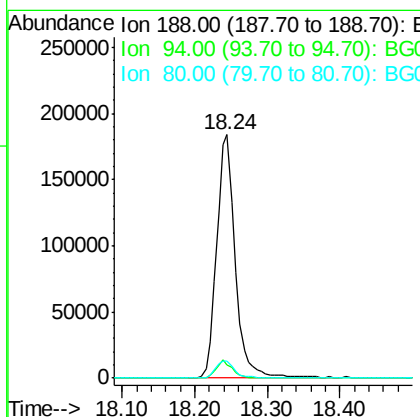
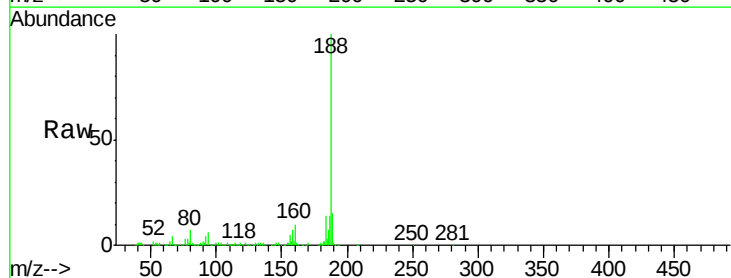
Instrument :
BNA_G
ClientSampleId :
SP-1

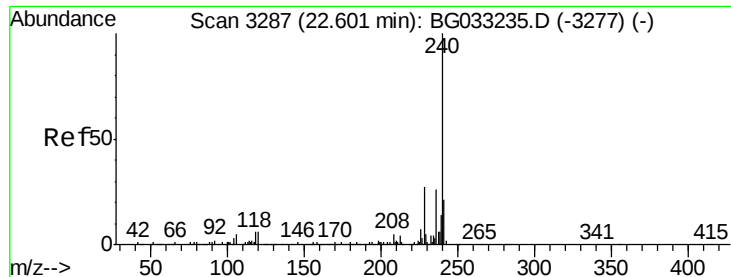
Tot Ion:172 Resp: 882784
Ion Ratio Lower Upper
172 100
171 36.6 30.0 45.0
170 25.1 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2545
Delta R.T. 0.00 min
Lab File: BG033286.D
Acq: 21 Mar 2018 3:57

Tgt Ion:188 Resp: 327448
Ion Ratio Lower Upper
188 100
94 5.7 6.9 10.3#
80 6.9 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.60 min Scan# 3286

Delta R.T. -0.00 min

Lab File: BG033286.D

Acq: 21 Mar 2018 3:57

Instrument :

BNA_G

ClientSampleId :

SP-1

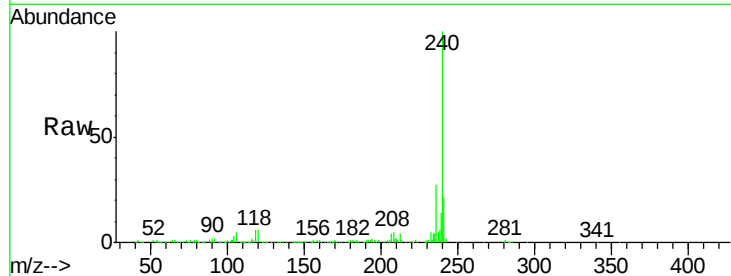
Tot Ion:240 Resp: 333680

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

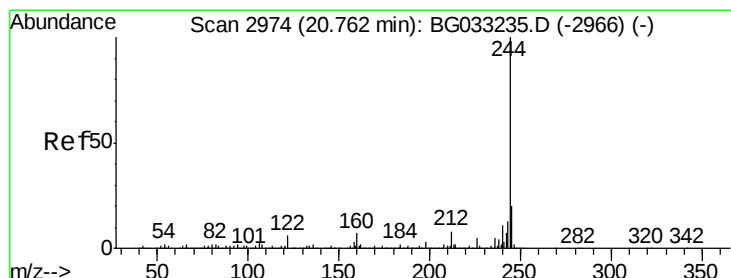
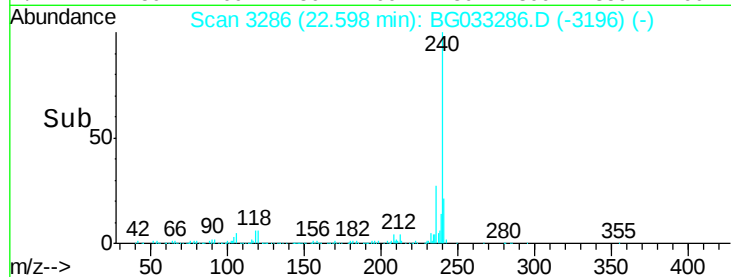
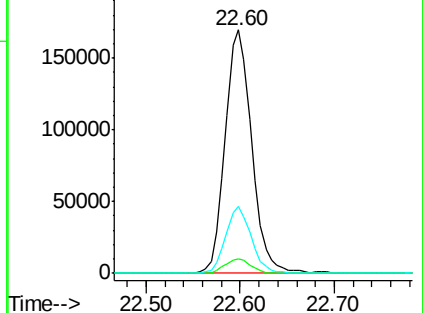
236 27.4 20.9 31.3



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: 107.868 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.00 min

Lab File: BG033286.D

Acq: 21 Mar 2018 3:57

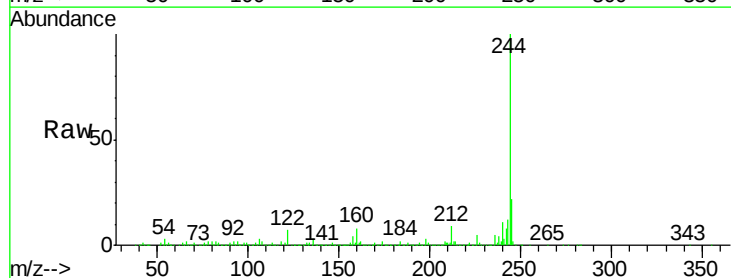
Tgt Ion:244 Resp: 1683032

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

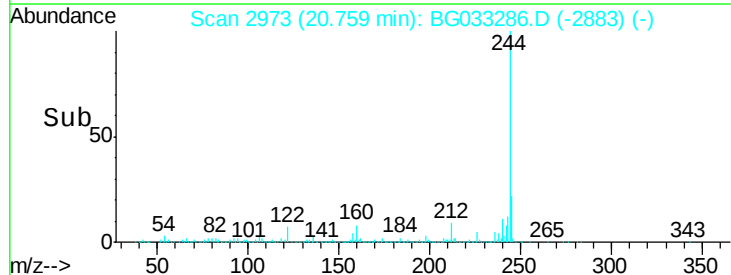
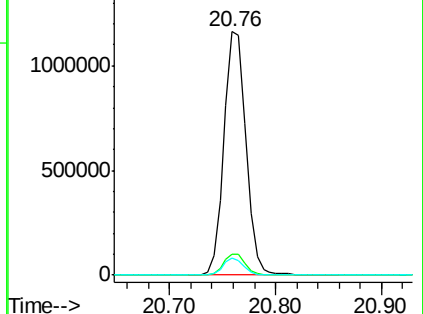
122 7.3 7.0 10.4



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: BG033286.D
Acq: 21 Mar 2018 3:57

Instrument :
BNA_G
ClientSampleId :
SP-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.5	17.4	26.0
265	20.8	17.7	26.5

