

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121517\
 Data File : BG031599.D
 Acq On : 15 Dec 2017 22:06
 Operator : SJ/JU
 Sample : I6830-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 15 23:04:09 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

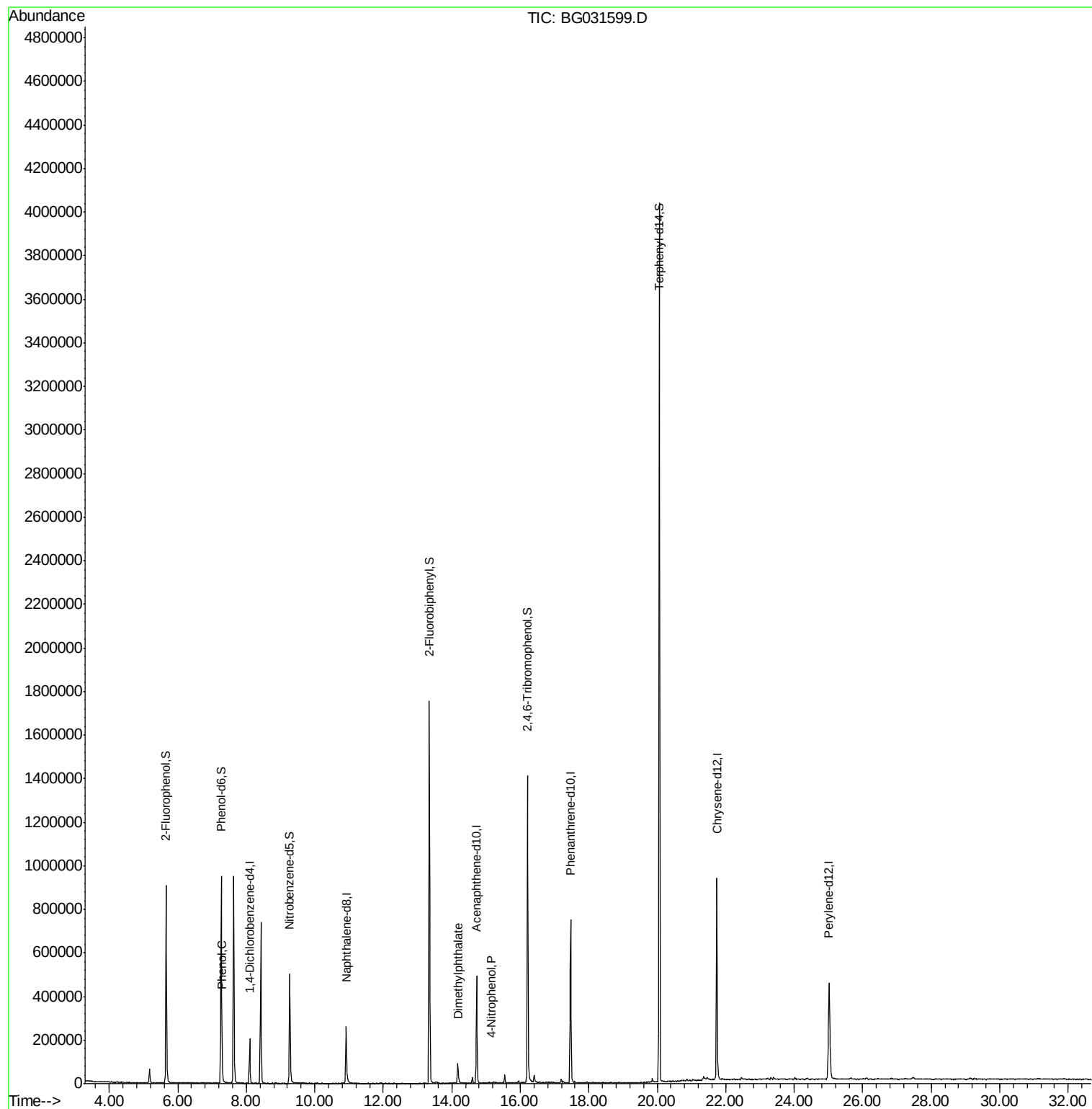
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	65375	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	281206	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	194412	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	529687	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	632820	20.00	ng	-0.01
86) Perylene-d12	25.02	264	535150	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	473304	128.33	ng	-0.01
7) Phenol-d6	7.27	99	617518	120.61	ng	0.00
23) Nitrobenzene-d5	9.27	82	355351	77.89	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	305169	133.99	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1017347	76.81	ng	0.00
78) Terphenyl-d14	20.06	244	1991794	71.61	ng	0.00
Target Compounds						
10) Phenol	7.29	94	22035	4.189	ng	92
49) Dimethylphthalate	14.17	163	84282	5.236	ng	99
55) 4-Nitrophenol	15.14	139	59	3.566	ng	# 1

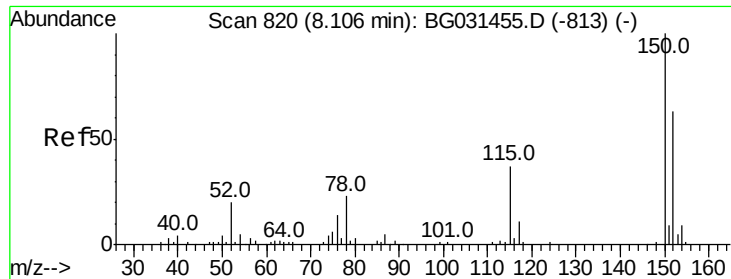
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121517\
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Quant Time: Dec 15 23:04:09 2017
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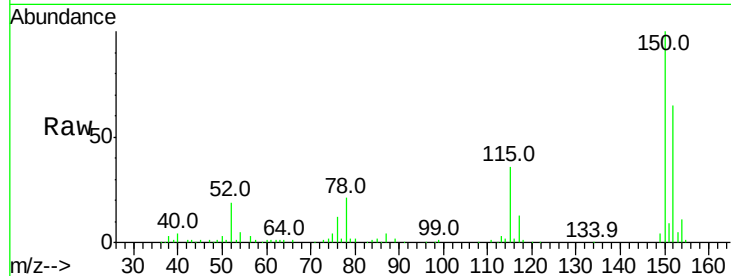


#1

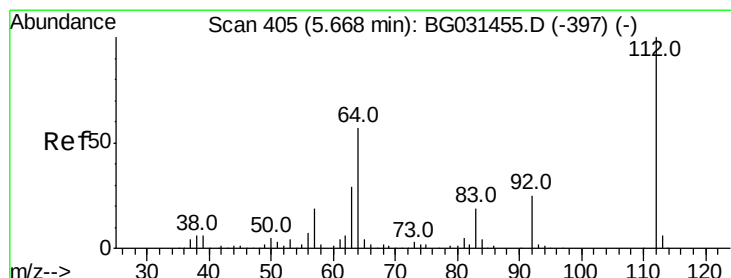
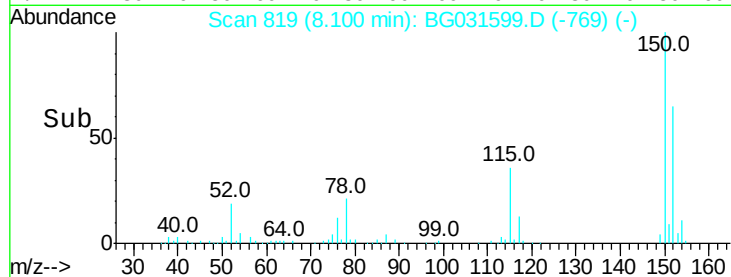
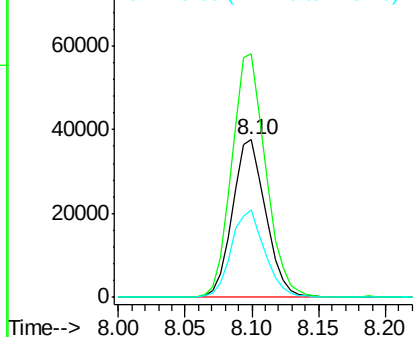
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG031599.D
Acq: 15 Dec 2017 22:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 65375
Ion Ratio Lower Upper
152 100
150 154.7 126.6 189.8
115 55.6 53.0 79.4



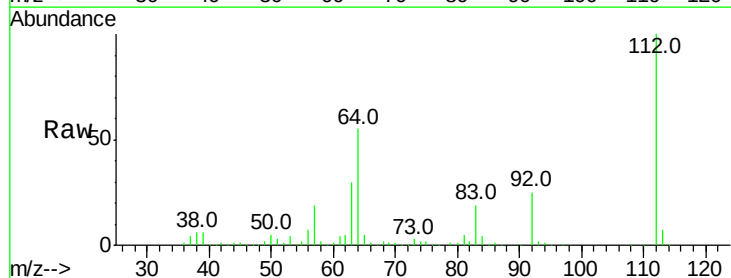
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



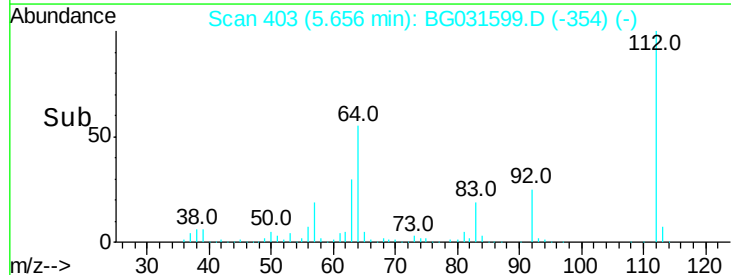
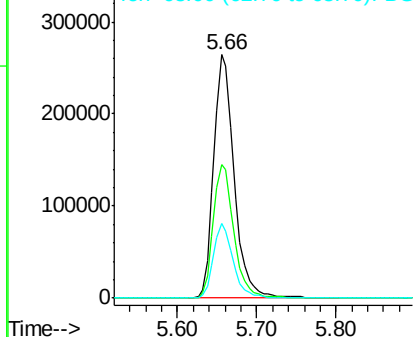
#5

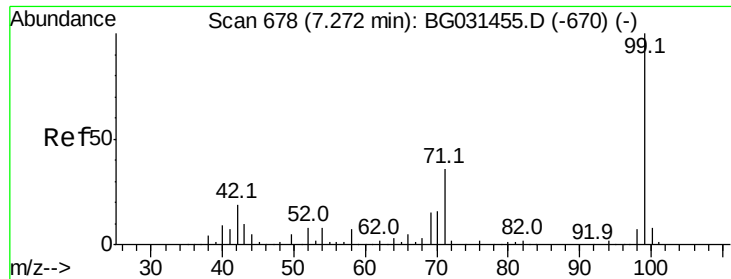
2-Fluorophenol
Concen: 128.327 ng
RT: 5.66 min Scan# 403
Delta R.T. -0.01 min
Lab File: BG031599.D
Acq: 15 Dec 2017 22:06

Tgt Ion:112 Resp: 473304
Ion Ratio Lower Upper
112 100
64 55.0 56.3 84.5#
63 30.5 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: 120.605 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG031599.D

Acq: 15 Dec 2017 22:06

Instrument :

BNA_G

ClientSampleId :

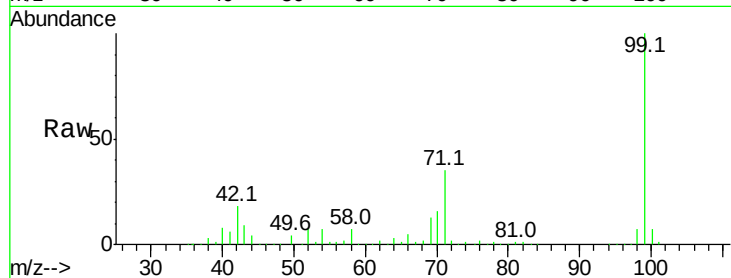
Tot Ion: 99 Resp: 617518

Ion Ratio Lower Upper

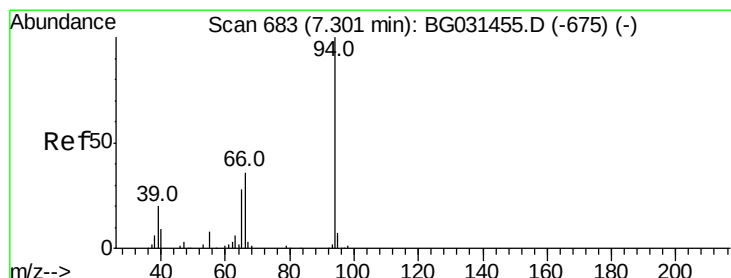
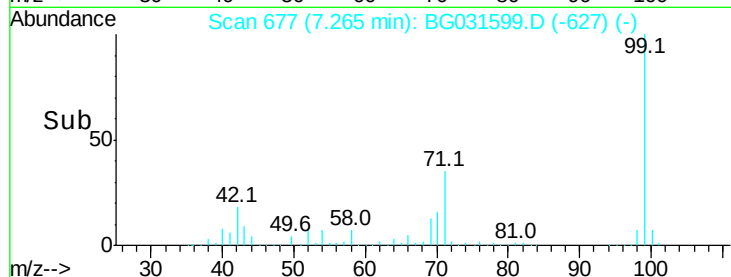
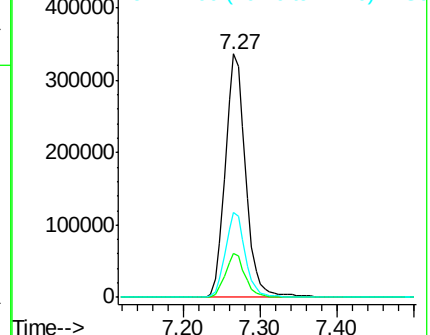
99 100

42 17.9 14.1 21.1

71 34.9 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: 4.189 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031599.D

Acq: 15 Dec 2017 22:06

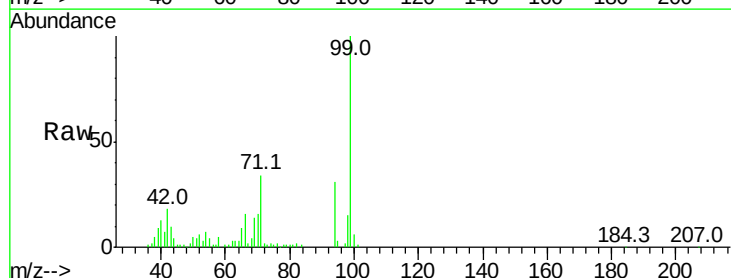
Tgt Ion: 94 Resp: 22035

Ion Ratio Lower Upper

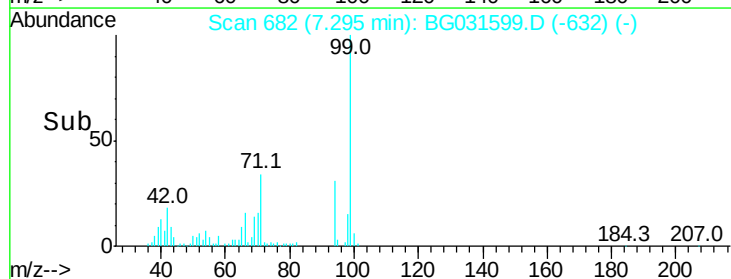
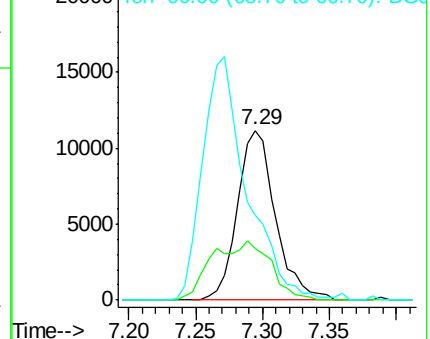
94 100

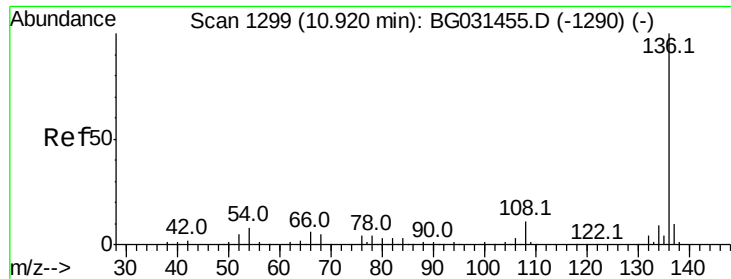
65 30.4 11.9 51.9

66 50.1 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

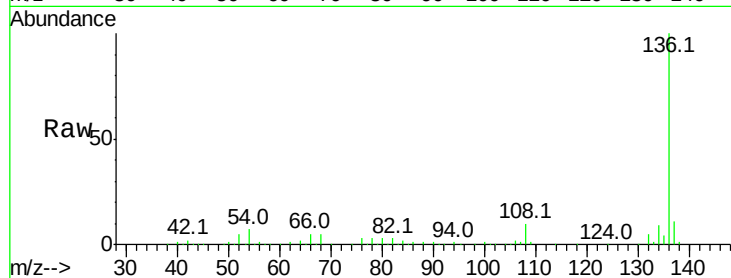




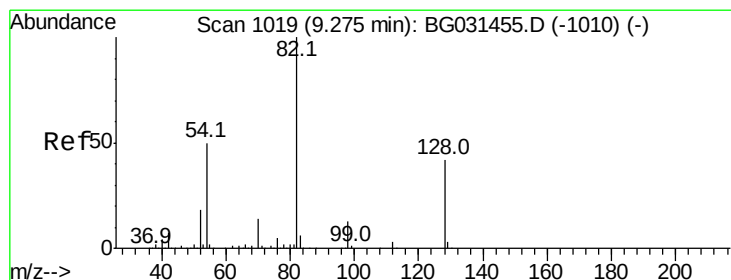
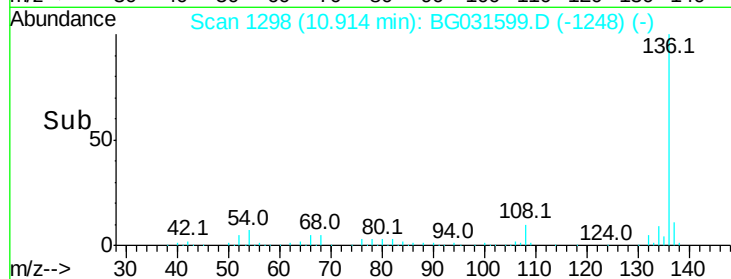
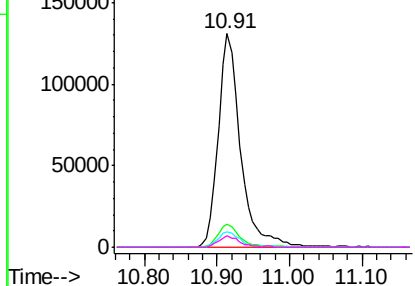
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG031599.D
Acq: 15 Dec 2017 22:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	281206
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.5	10.3	15.5#
68	5.4	4.5	6.7

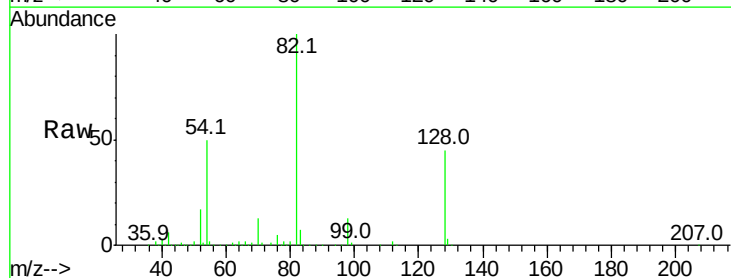


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

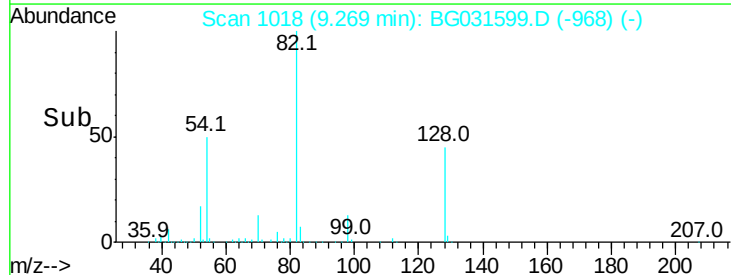
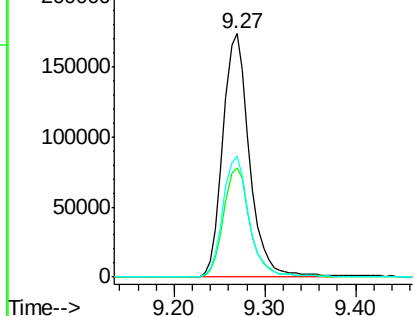


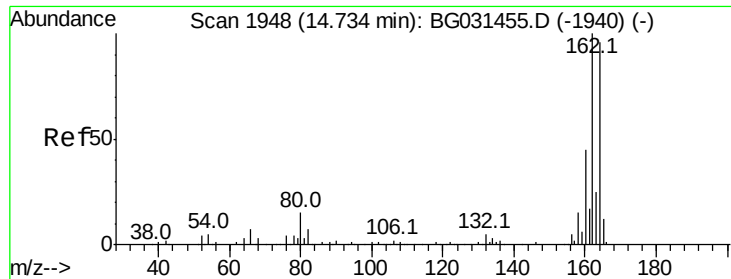
#23
Nitrobenzene-d5
Concen: 77.888 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG031599.D
Acq: 15 Dec 2017 22:06

Tgt Ion:	82	Resp:	355351
Ion	Ratio	Lower	Upper
82	100		
128	44.7	29.7	44.5#
54	49.7	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

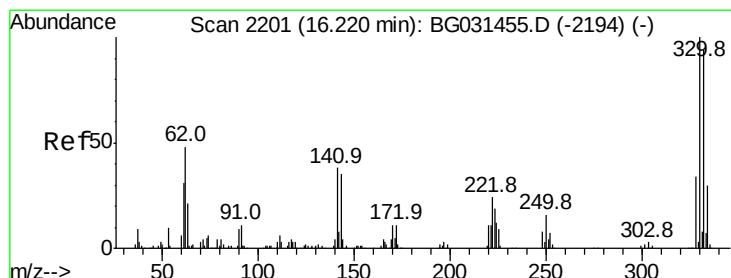
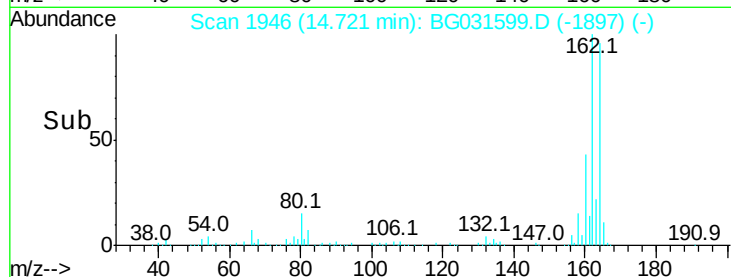
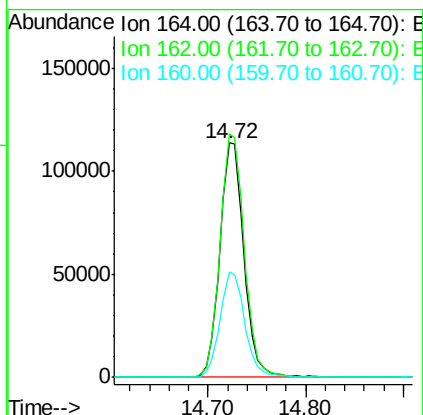
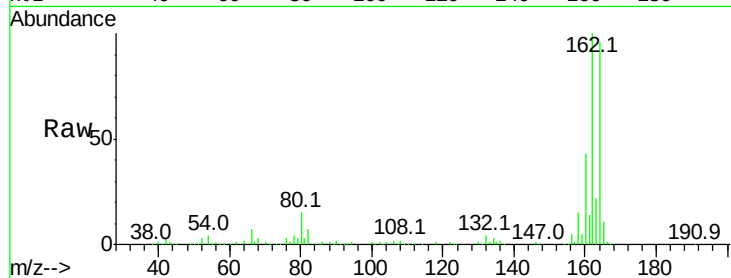




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG031599.D
Acq: 15 Dec 2017 22:06

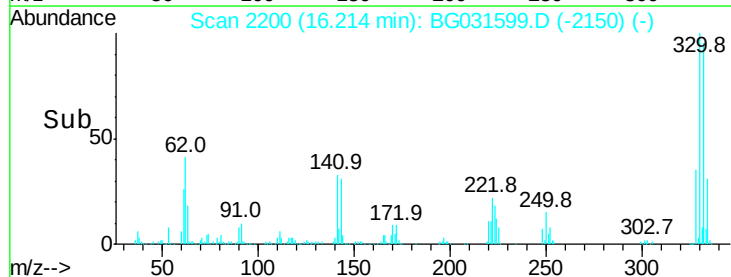
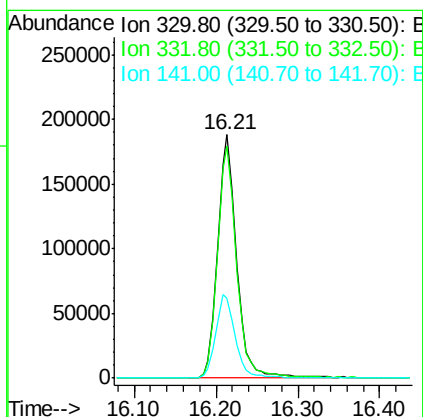
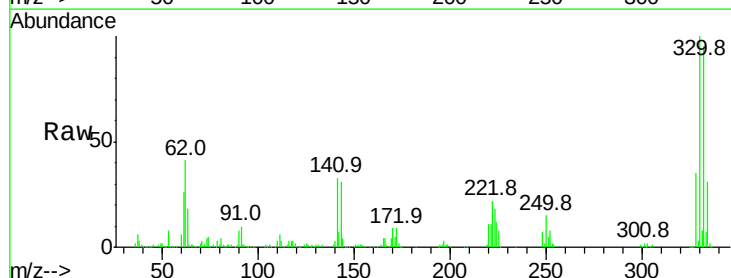
Instrument :
BNA_G
ClientSampleId :

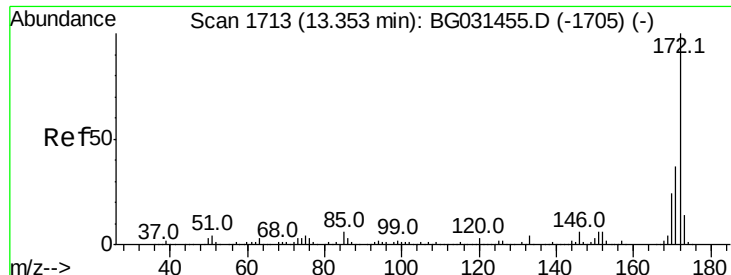
Tot Ion:164 Resp: 194412
Ion Ratio Lower Upper
164 100
162 104.0 78.8 118.2
160 45.1 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 133.986 ng
RT: 16.21 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG031599.D
Acq: 15 Dec 2017 22:06

Tgt Ion:330 Resp: 305169
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 35.2 25.2 37.8

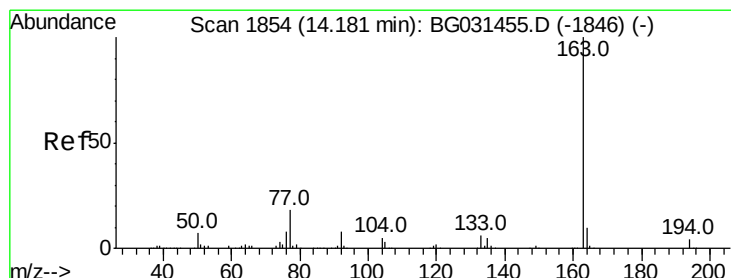
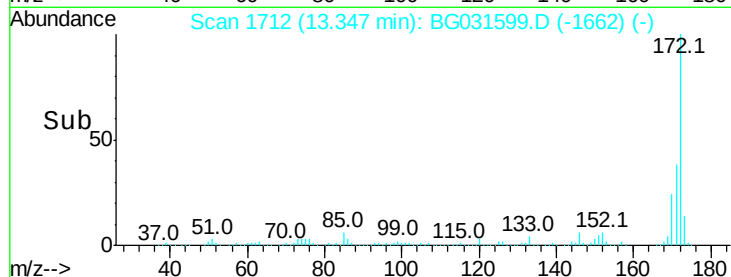
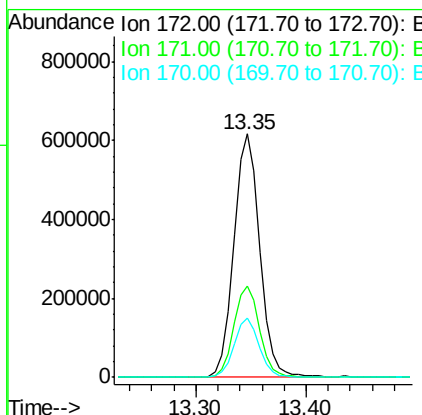
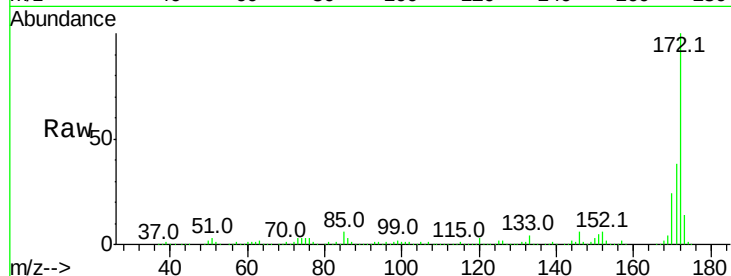




#44
2-Fluorobiphenyl
Concen: 76.813 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BG031599.D
Acq: 15 Dec 2017 22:06

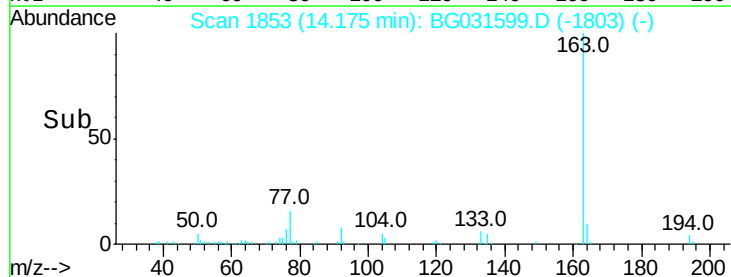
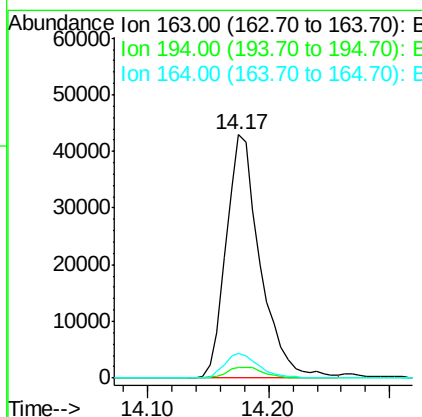
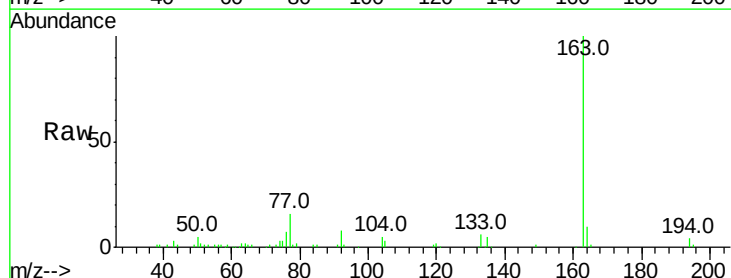
Instrument :
BNA_G
ClientSampleId :

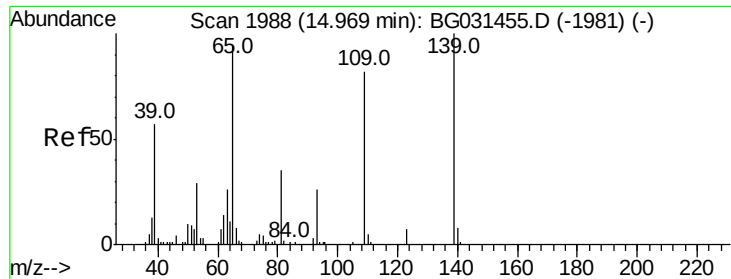
Tot Ion:172 Resp: 1017347
Ion Ratio Lower Upper
172 100
171 37.5 30.0 45.0
170 24.3 19.5 29.3



#49
Dimethylphthalate
Concen: 5.236 ng
RT: 14.17 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BG031599.D
Acq: 15 Dec 2017 22:06

Tgt Ion:163 Resp: 84282
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.0 8.2 12.4





#55

4-Nitrophenol

Concen: 3.566 ng

RT: 15.14 min Scan# 2018

Delta R.T. 0.18 min

Lab File: BG031599.D

Acq: 15 Dec 2017 22:06

Instrument :

BNA_G

ClientSampleId :

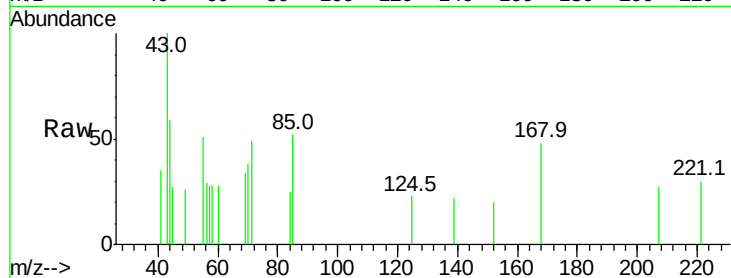
Tot Ion:139 Resp: 59

Ion Ratio Lower Upper

139 100

109 0.0 62.2 102.2#

65 0.0 97.2 137.2#

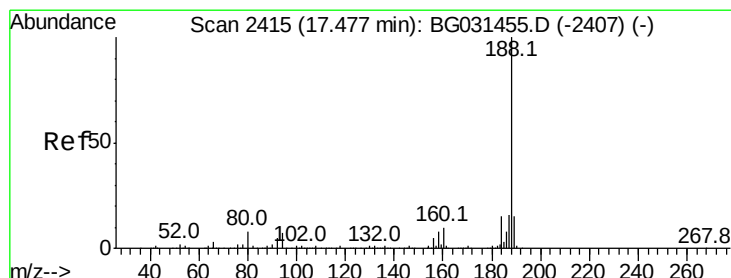
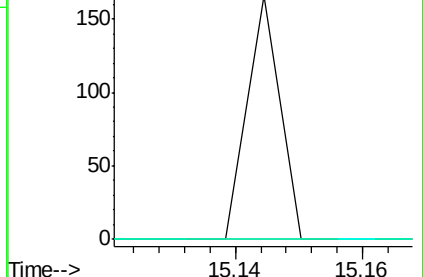
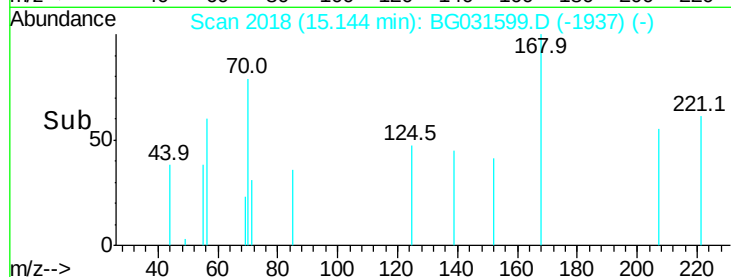


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

15.14



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG031599.D

Acq: 15 Dec 2017 22:06

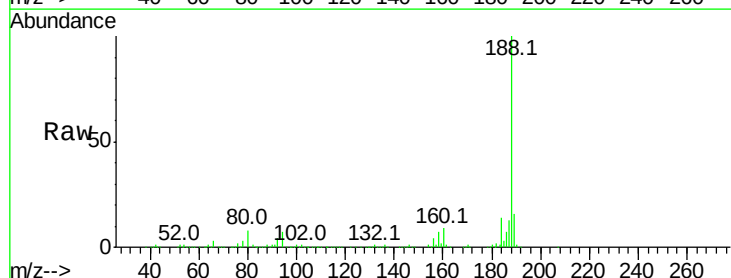
Tgt Ion:188 Resp: 529687

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

80 7.6 7.7 11.5#

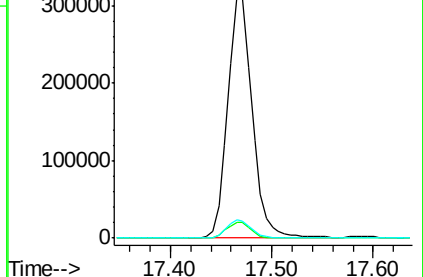
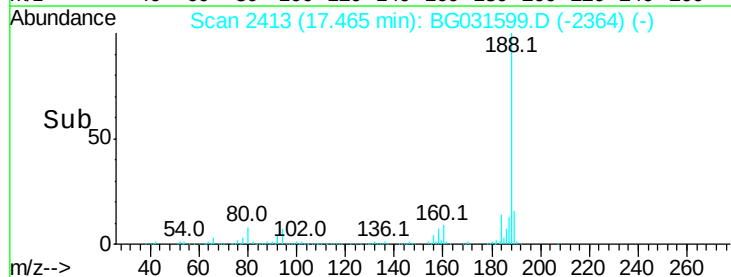


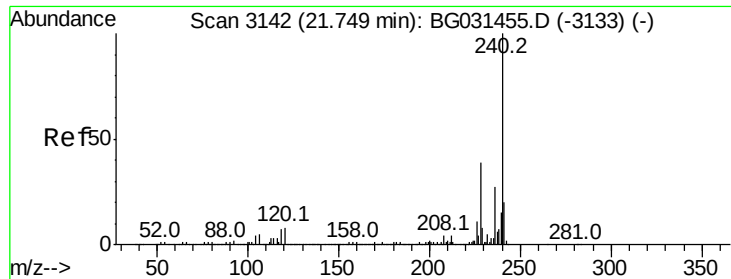
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

17.47





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG031599.D

Acq: 15 Dec 2017 22:06

Instrument :

BNA_G

ClientSampled :

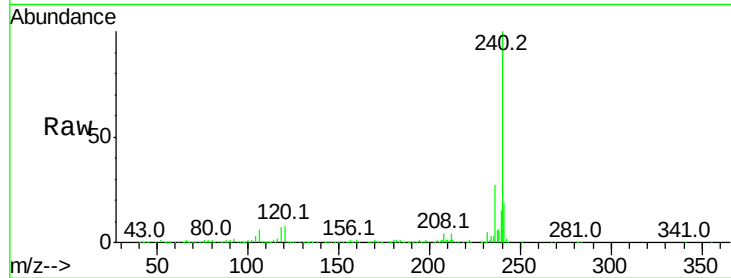
Tot Ion:240 Resp: 632820

Ion Ratio Lower Upper

240 100

120 7.7 6.8 10.2

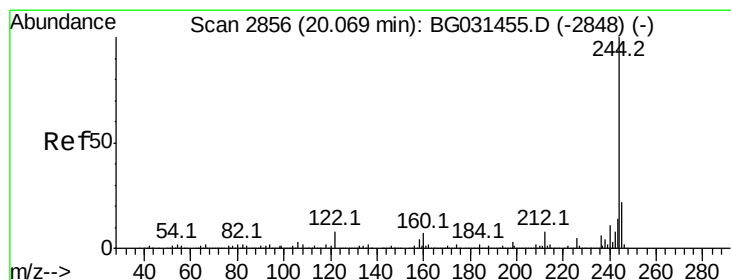
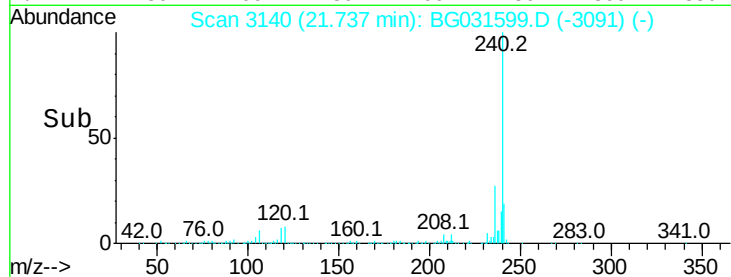
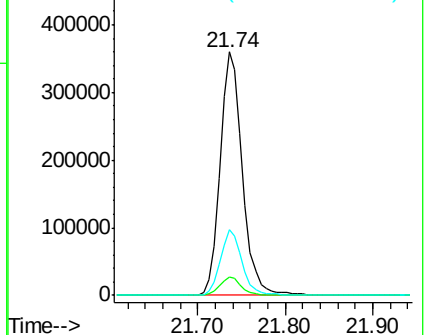
236 26.8 20.9 31.3



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: 71.611 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG031599.D

Acq: 15 Dec 2017 22:06

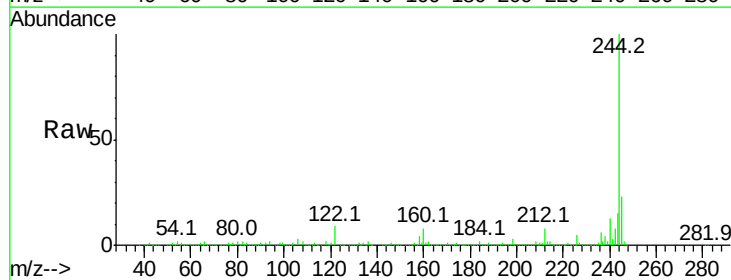
Tgt Ion:244 Resp: 1991794

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

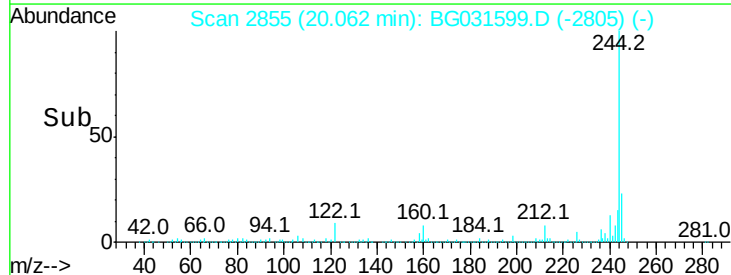
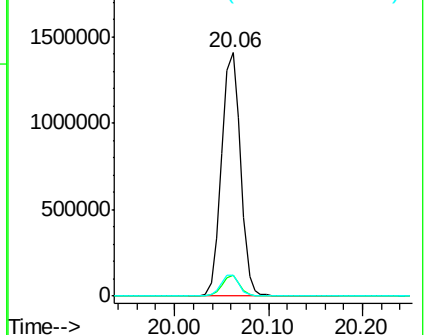
122 8.6 7.0 10.4

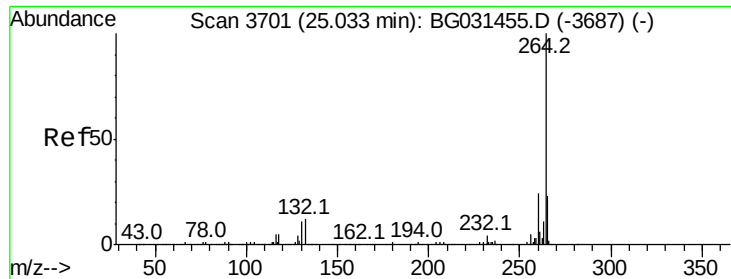


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.02 min Scan# 3698
 Delta R.T. -0.02 min
 Lab File: BG031599.D
 Acq: 15 Dec 2017 22:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	22.1	17.7	26.5

