

Data File : BG035284.D
Acq On : 21 Jun 2018 4:00
Operator : SJ/JU
Sample : J3245-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-061918-C

Quant Time: Jun 21 06:57:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

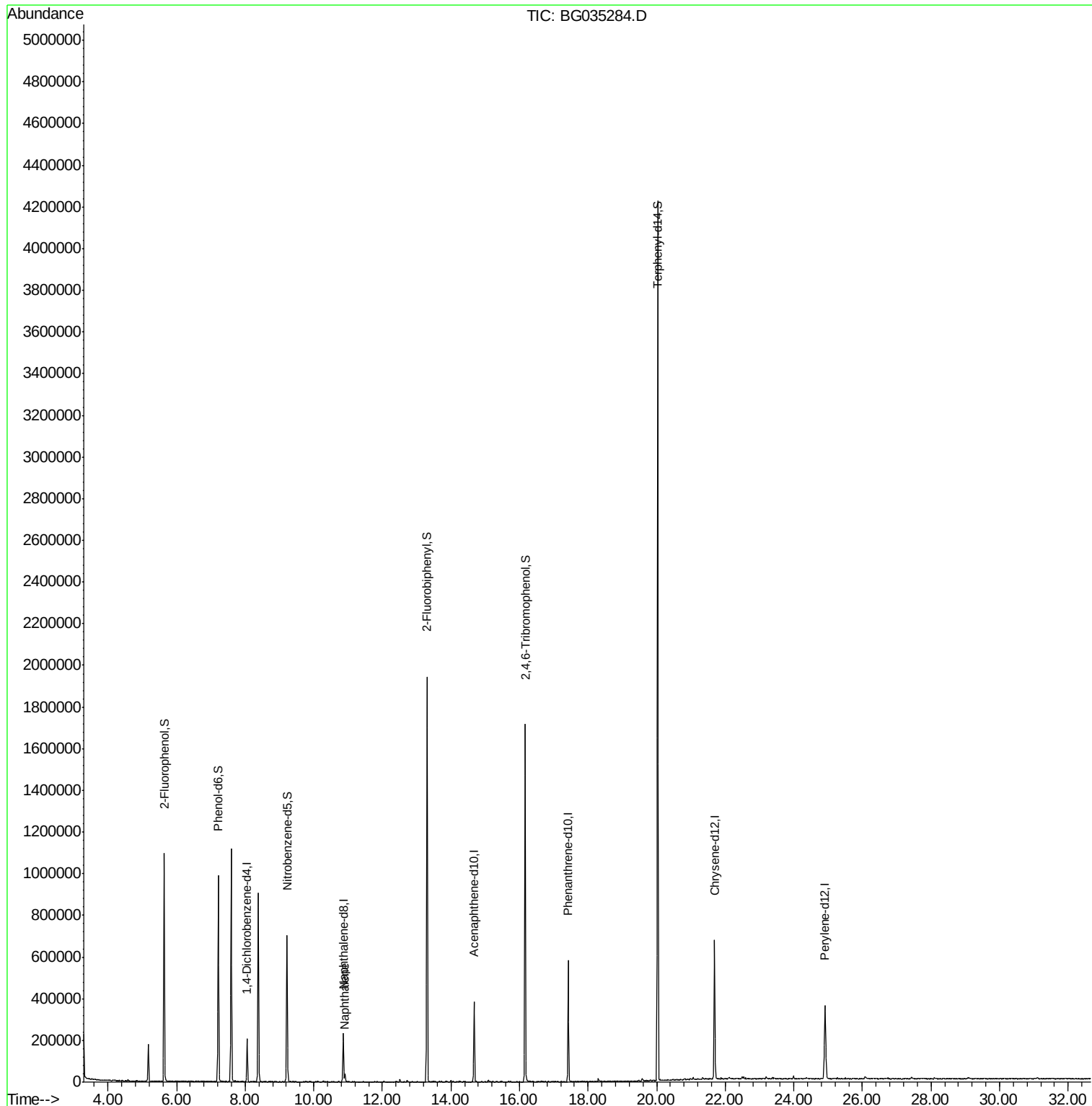
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	59312	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	195990	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	133705	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	364245	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	411495	20.00	ng	-0.03
86) Perylene-d12	24.91	264	384084	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	472914	134.56	ng	0.00
7) Phenol-d6	7.22	99	601694	115.99	ng	0.00
23) Nitrobenzene-d5	9.22	82	479563	116.31	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	319441	186.63	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	1047138	101.81	ng	-0.02
78) Terphenyl-d14	20.03	244	1906247	97.04	ng	-0.02
Target Compounds						
31) Naphthalene	10.91	128	29531	2.900	ng	Qvalue # 89

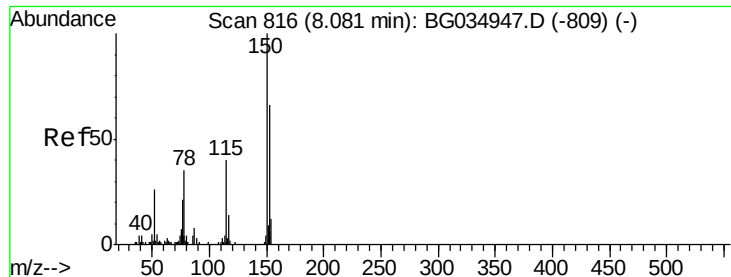
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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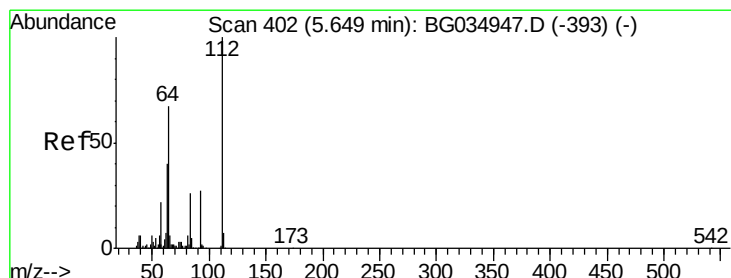
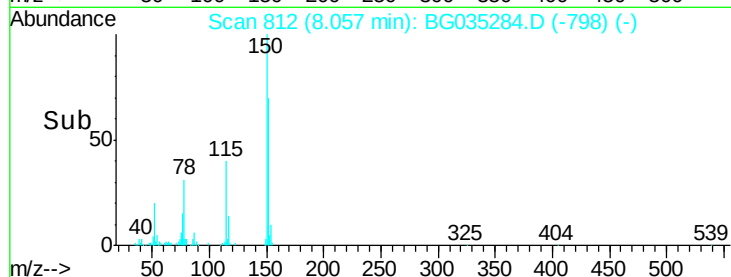
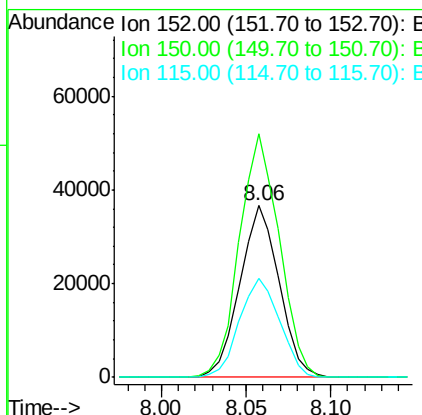
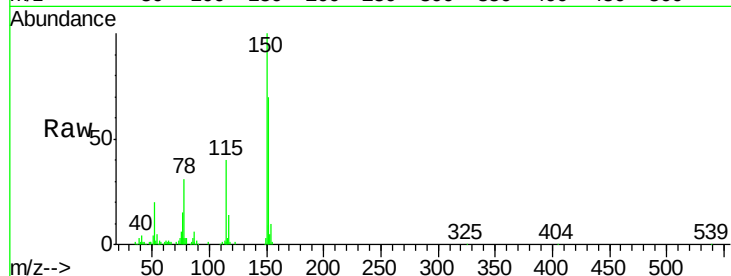


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035284.D
Acq: 21 Jun 2018 4:00

Instrument :
BNA_G
ClientSampleId :
CL-02-061918-C

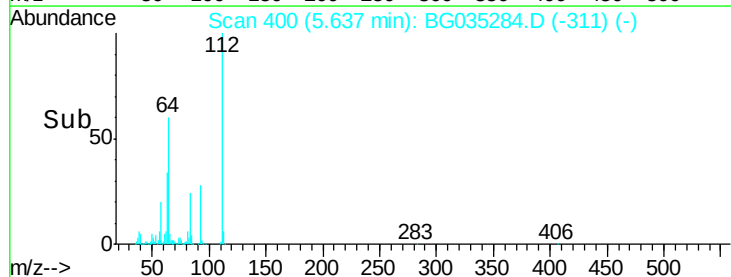
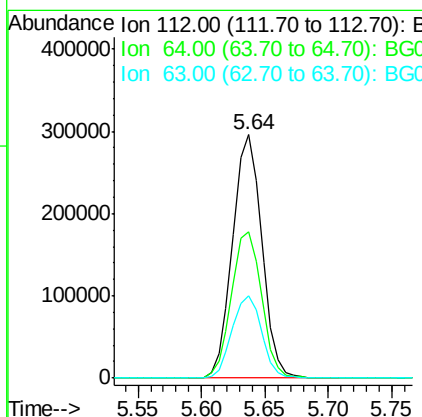
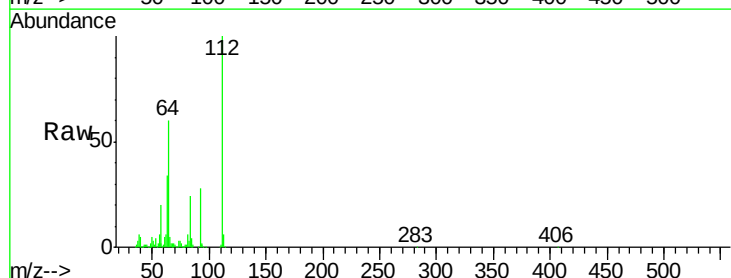
Tgt Ion	Ratio	Lower	Upper
152	100		
150	141.9	126.6	189.8
115	57.4	53.0	79.4

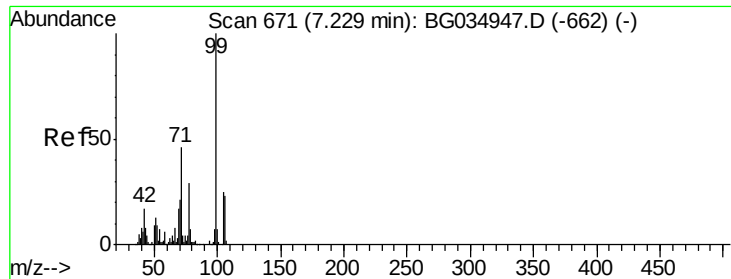


#5

2-Fluorophenol
Concen: 134.558 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035284.D
Acq: 21 Jun 2018 4:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	56.3	84.5
63	34.1	30.1	45.1





#7

Phenol-d6

Concen: 115.994 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035284.D

Acq: 21 Jun 2018 4:00

Instrument :

BNA_G

ClientSampleId :

CL-02-061918-C

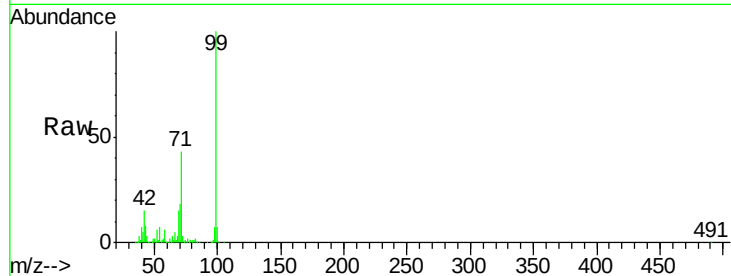
Tgt Ion: 99 Resp: 601694

Ion Ratio Lower Upper

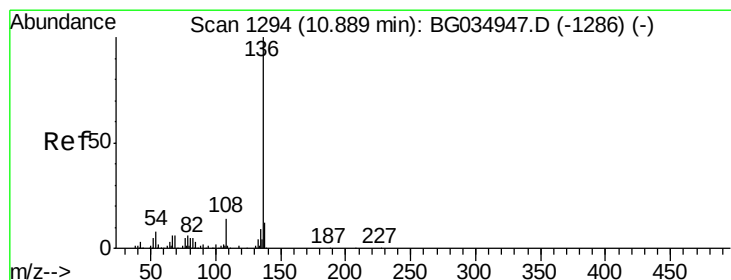
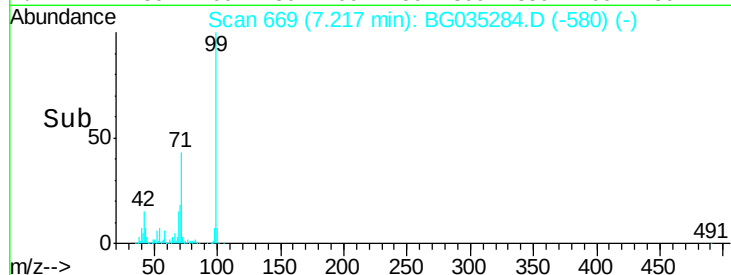
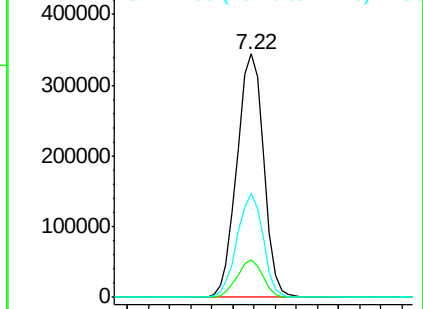
99 100

42 15.5 14.1 21.1

71 42.6 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: 10.86 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BG035284.D

Acq: 21 Jun 2018 4:00

Tgt Ion: 136 Resp: 195990

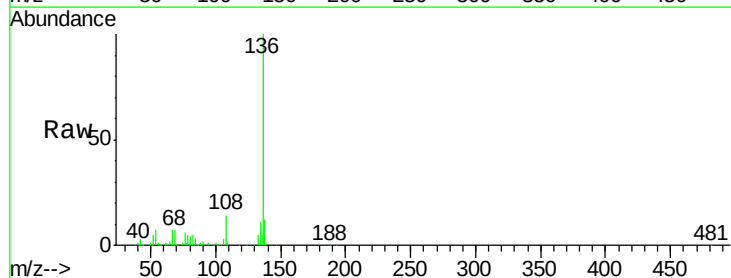
Ion Ratio Lower Upper

136 100

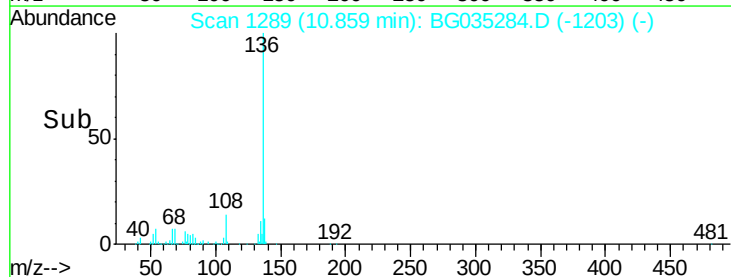
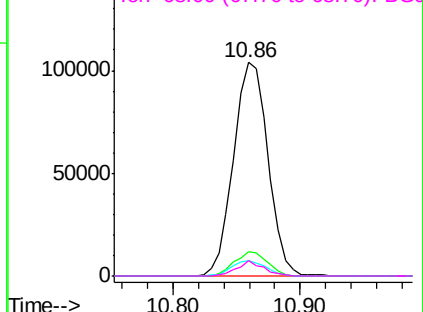
137 11.6 9.2 13.8

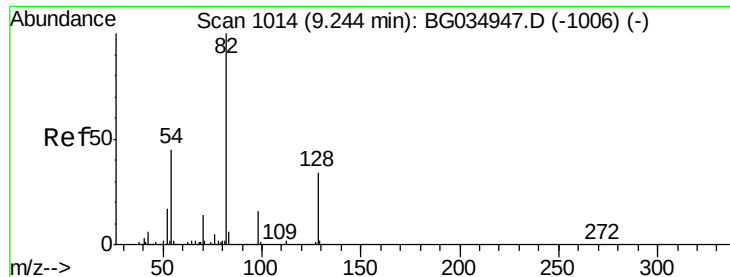
54 7.2 10.3 15.5#

68 7.0 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: 116.311 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BG035284.D

Acq: 21 Jun 2018 4:00

Instrument :

BNA_G

ClientSampleId :

CL-02-061918-C

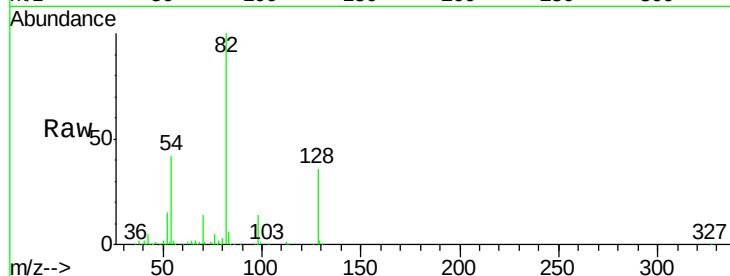
Tgt Ion: 82 Resp: 479563

Ion Ratio Lower Upper

82 100

128 35.7 29.7 44.5

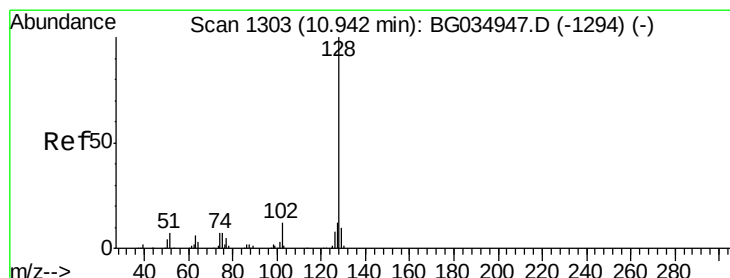
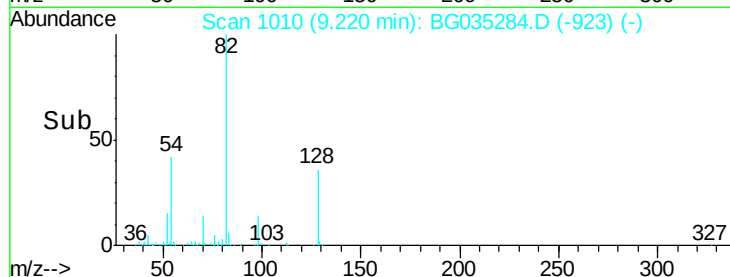
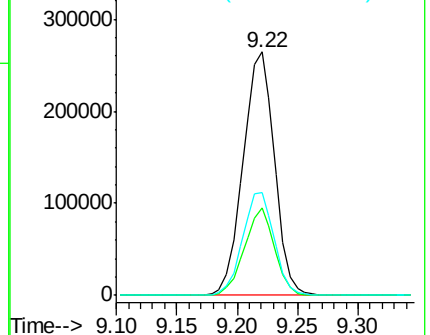
54 42.0 43.1 64.7#



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: 2.900 ng

RT: 10.91 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BG035284.D

Acq: 21 Jun 2018 4:00

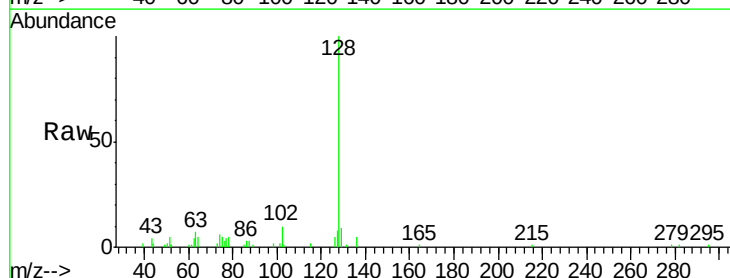
Tgt Ion: 128 Resp: 29531

Ion Ratio Lower Upper

128 100

129 8.9 8.6 12.8

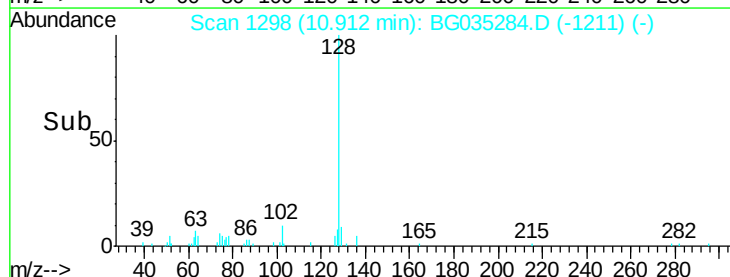
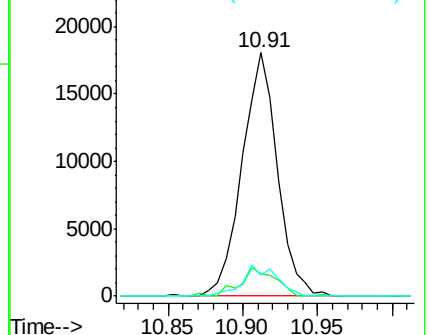
127 8.3 11.6 17.4#

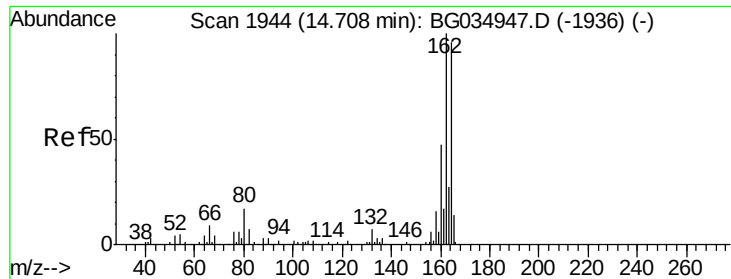


Abundance Ion 128.00 (127.70 to 128.70): BGC

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: 14.68 min Scan# 1939

Delta R.T. -0.02 min

Lab File: BG035284.D

Acq: 21 Jun 2018 4:00

Instrument :

BNA_G

ClientSampleId :

CL-02-061918-C

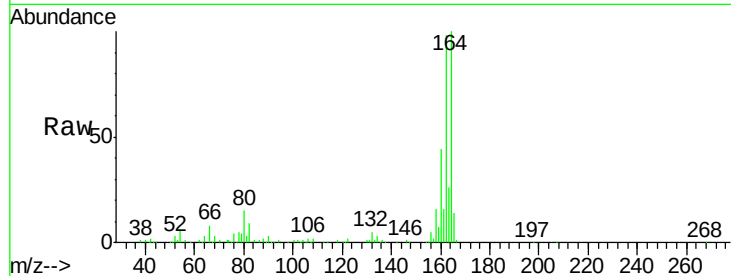
Tgt Ion:164 Resp: 133705

Ion Ratio Lower Upper

164 100

162 98.3 78.8 118.2

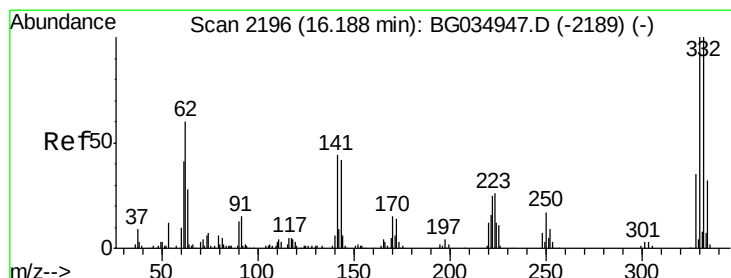
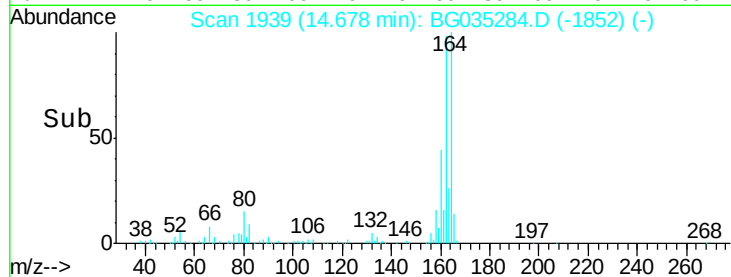
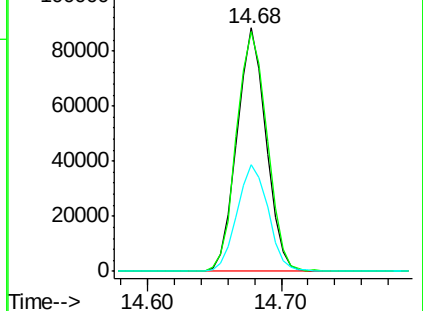
160 43.7 35.4 53.0



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: 186.634 ng

RT: 16.16 min Scan# 2192

Delta R.T. -0.02 min

Lab File: BG035284.D

Acq: 21 Jun 2018 4:00

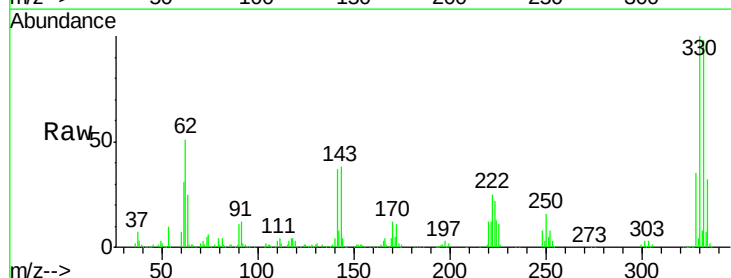
Tgt Ion:330 Resp: 319441

Ion Ratio Lower Upper

330 100

332 94.9 77.0 115.6

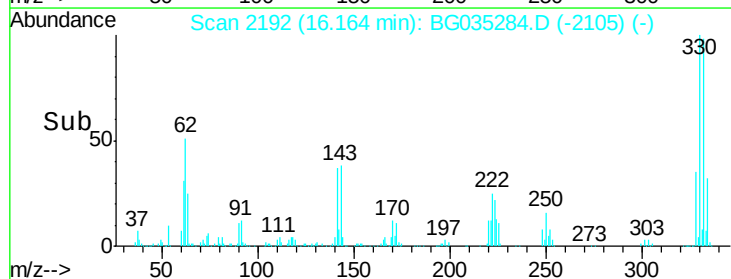
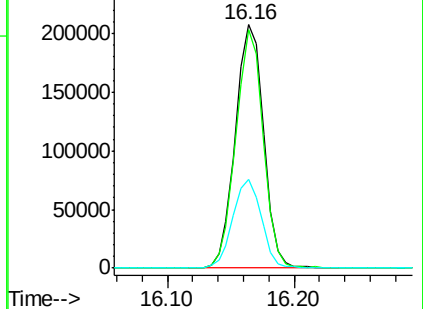
141 37.0 25.2 37.8

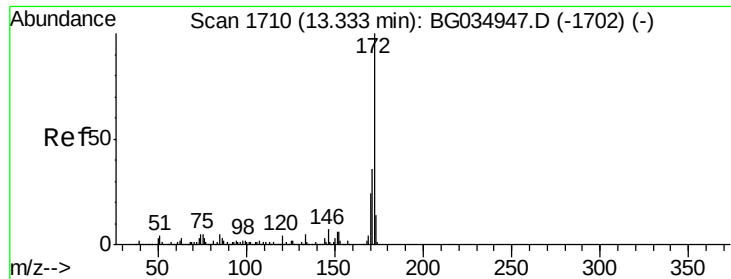


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

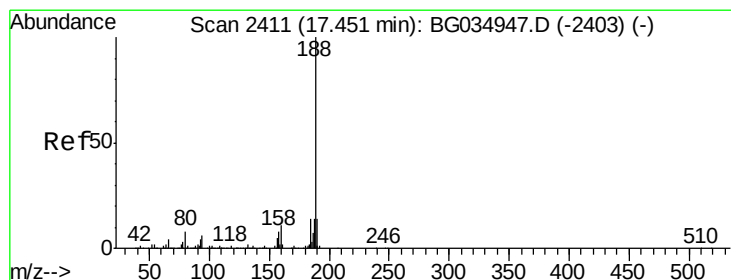
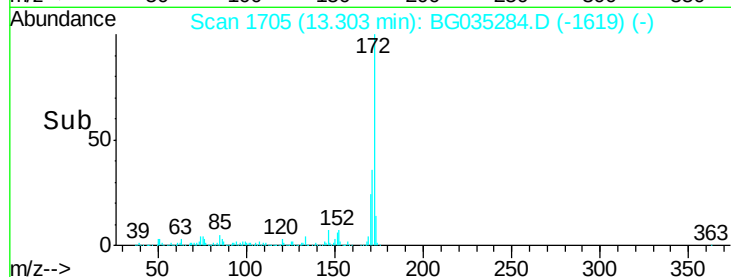
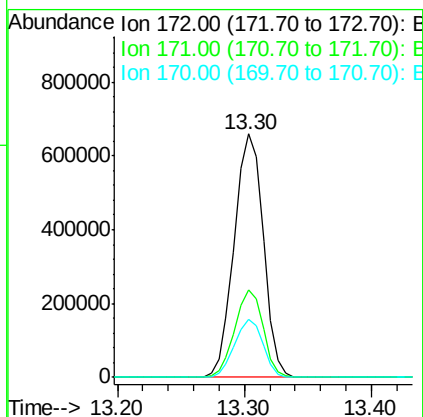
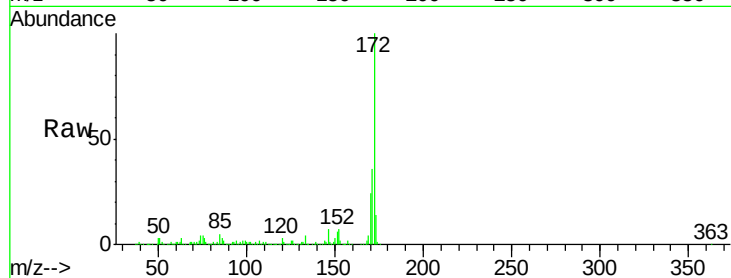




#44
 2-Fluorobiphenyl
 Concen: 101.812 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035284.D
 Acq: 21 Jun 2018 4:00

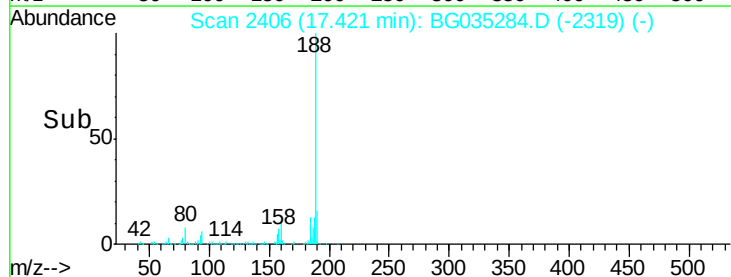
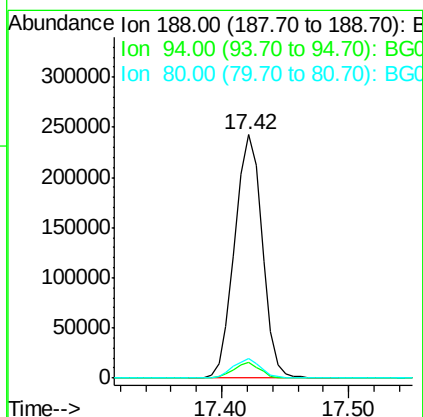
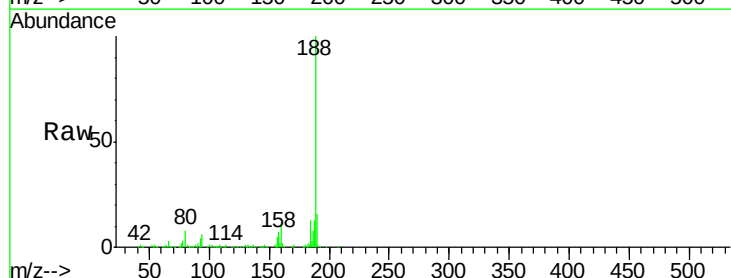
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 CL-02-061918-C

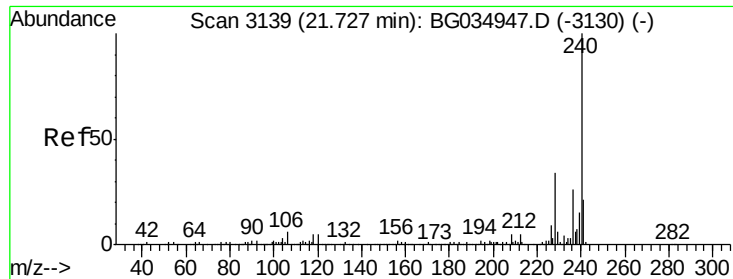
Tgt Ion:172 Resp: 1047138
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.0 45.0
 170 24.1 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.02 min
 Lab File: BG035284.D
 Acq: 21 Jun 2018 4:00

Tgt Ion:188 Resp: 364245
 Ion Ratio Lower Upper
 188 100
 94 6.4 6.9 10.3#
 80 7.9 7.7 11.5

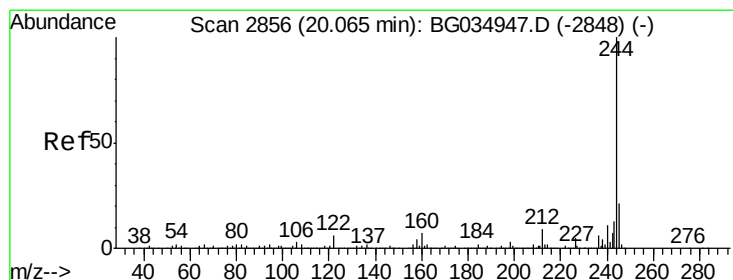
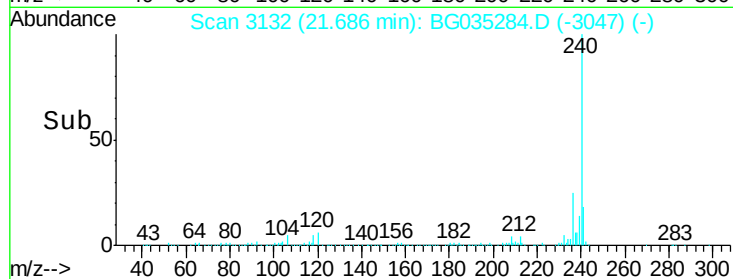
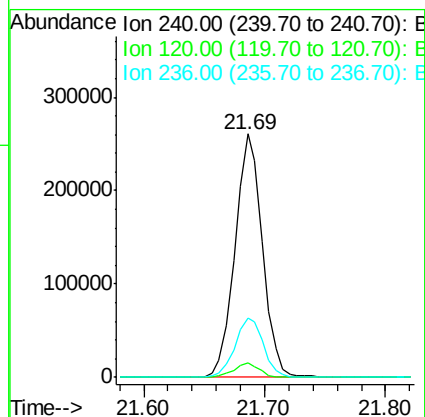
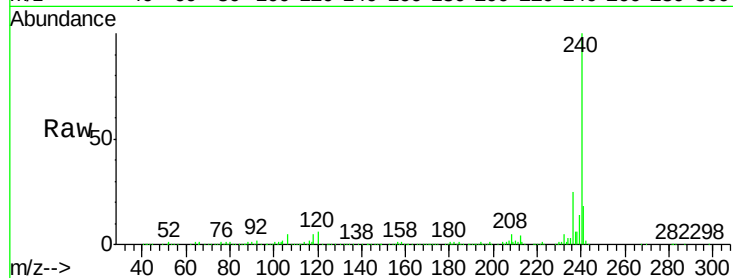




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.03 min
Lab File: BG035284.D
Acq: 21 Jun 2018 4:00

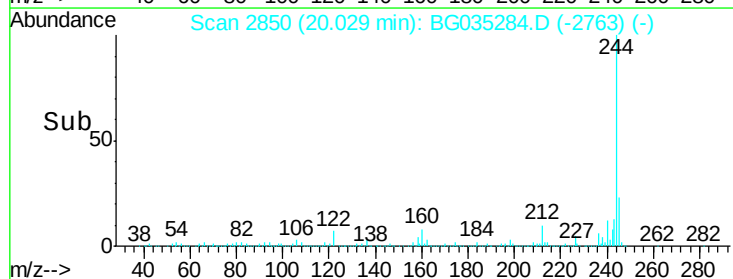
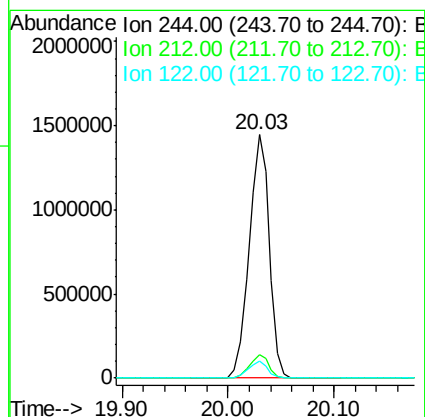
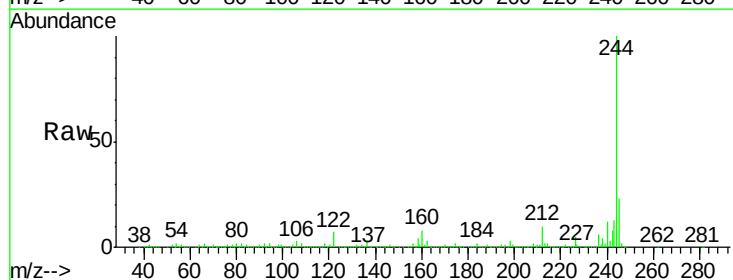
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CL-02-061918-C

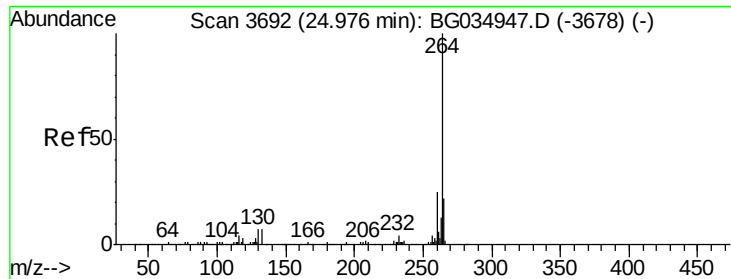
Tgt Ion:240 Resp: 411495
Ion Ratio Lower Upper
240 100
120 5.9 6.8 10.2#
236 24.6 20.9 31.3



#78
Terphenyl-d14
Concen: 97.036 ng
RT: 20.03 min Scan# 2850
Delta R.T. -0.02 min
Lab File: BG035284.D
Acq: 21 Jun 2018 4:00

Tgt Ion:244 Resp: 1906247
Ion Ratio Lower Upper
244 100
212 9.7 5.8 8.8#
122 7.0 7.0 10.4

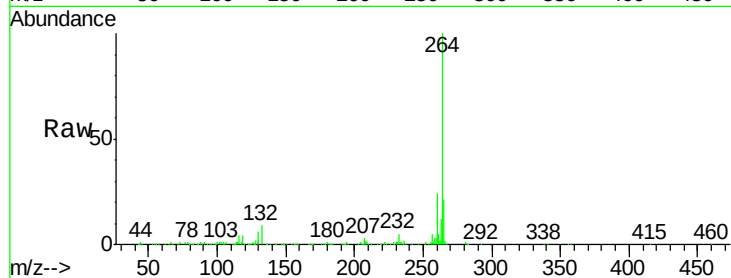




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3681
Delta R.T. -0.04 min
Lab File: BG035284.D
Acq: 21 Jun 2018 4:00

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	21.4	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

