

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072518\
 Data File : BG035902.D
 Acq On : 26 Jul 2018 10:06
 Operator : JU/SJ
 Sample : J4107-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 071918-TIPC-E-U-M

Quant Time: Jul 26 12:07:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

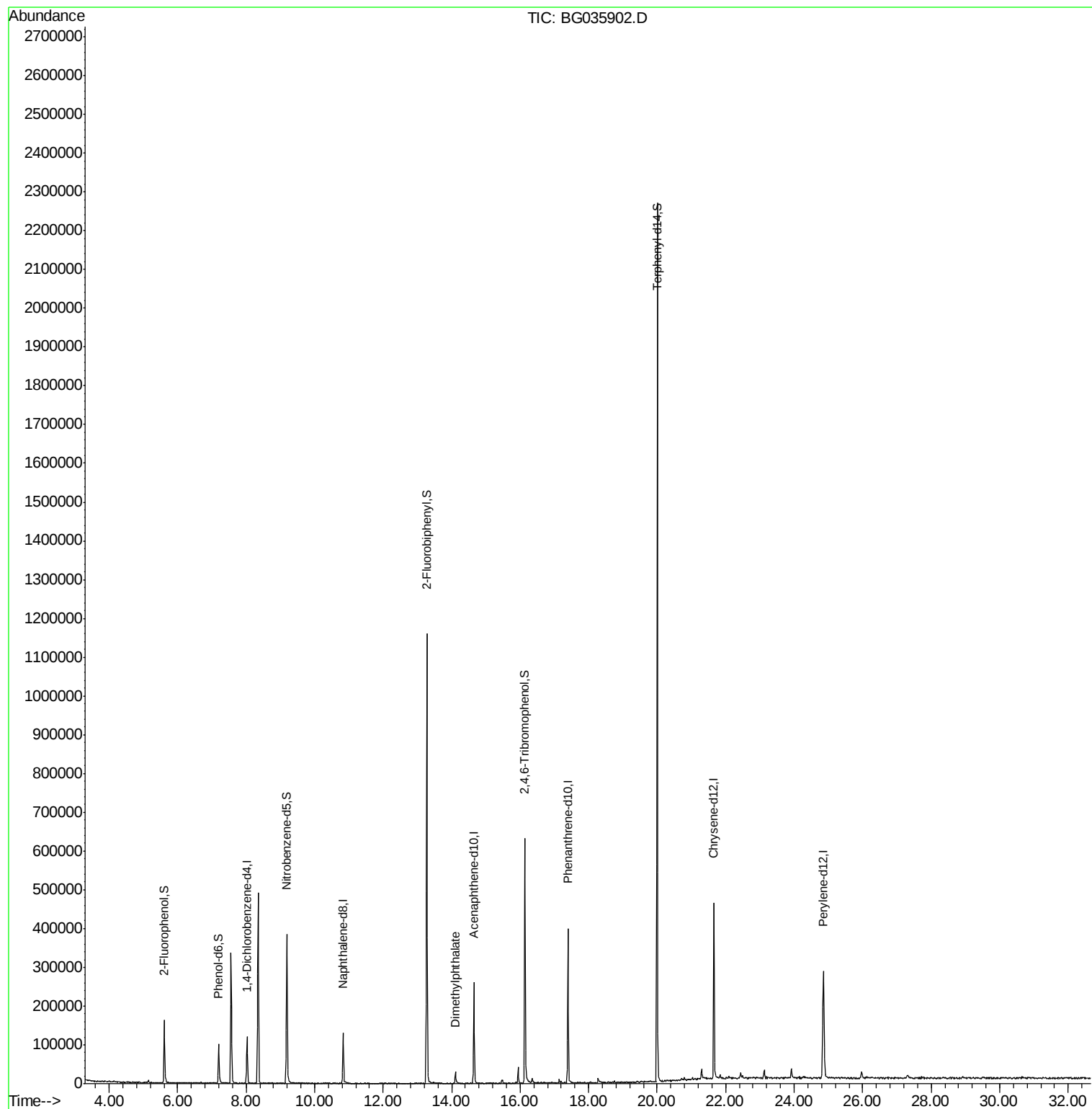
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	36073	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	125304	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	92834	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	269261	20.00	ng	0.00
75) Chrysene-d12	21.65	240	311360	20.00	ng	0.00
86) Perylene-d12	24.85	264	295421	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	76465	35.19	ng	0.00
7) Phenol-d6	7.20	99	73289	22.61	ng	0.00
23) Nitrobenzene-d5	9.19	82	274142	91.40	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	125621	102.66	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	664879	95.95	ng	0.00
78) Terphenyl-d14	20.00	244	1111296	78.68	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.10	163	27608	3.394	ng	Qvalue # 94

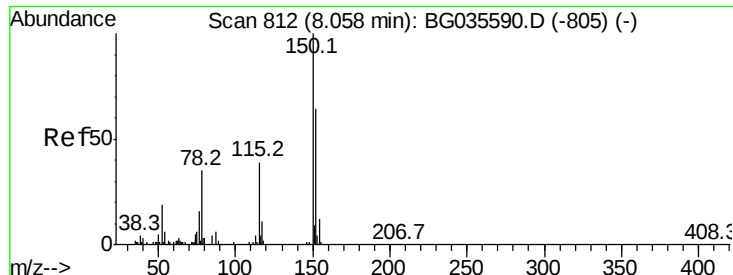
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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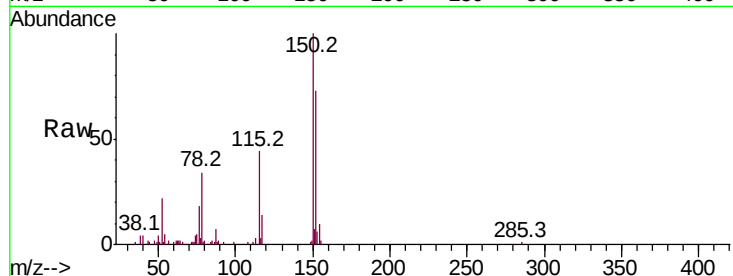


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG035902.D
Acq: 26 Jul 2018 10:06

Instrument :
BNA_G
ClientSampleId :
071918-TIPC-E-U-M

Tot Ion	Ratio	Lower	Upper
152	100		
150	137.5	126.6	189.8
115	60.2	53.0	79.4

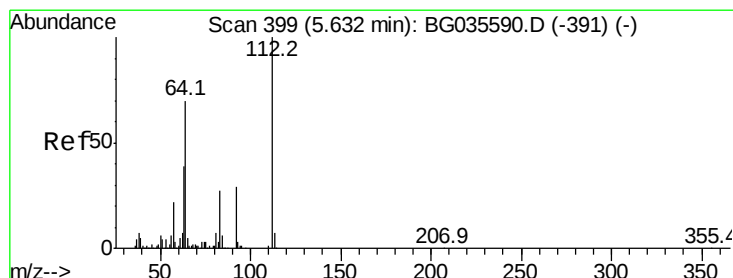
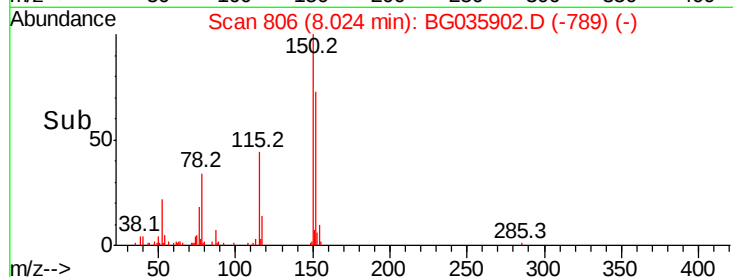
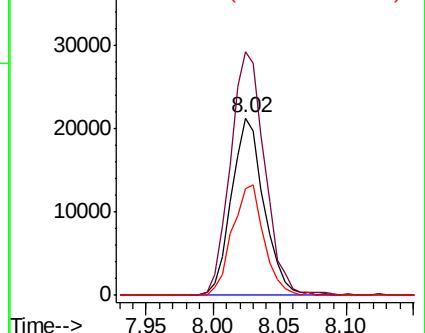


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

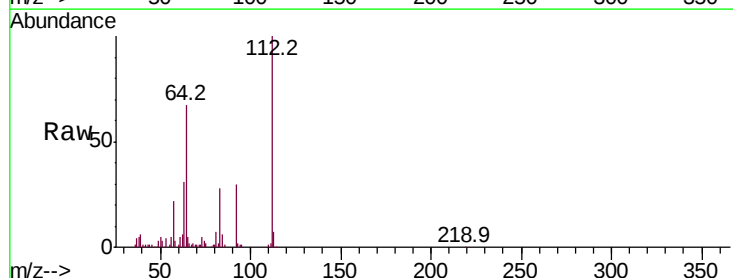
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 35.192 ng
RT: 5.60 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG035902.D
Acq: 26 Jul 2018 10:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.4	56.3	84.5
63	31.4	30.1	45.1

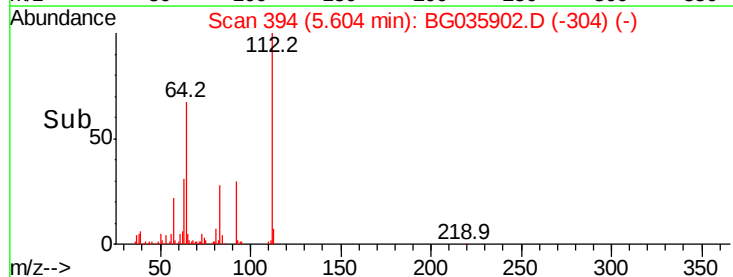
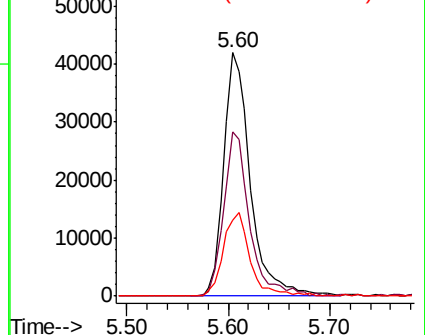


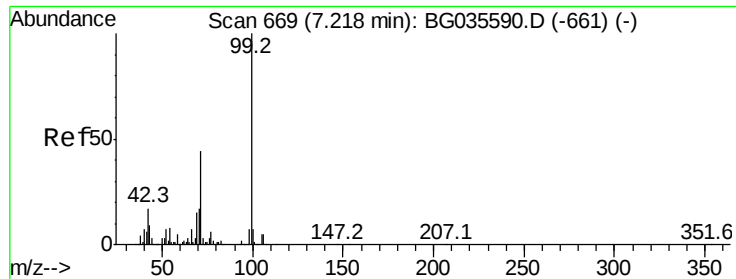
Abundance

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: 22.608 ng

RT: 7.20 min Scan# 665

Delta R.T. 0.00 min

Lab File: BG035902.D

Acq: 26 Jul 2018 10:06

Instrument :

BNA_G

ClientSampleId :

071918-TIPC-E-U-M

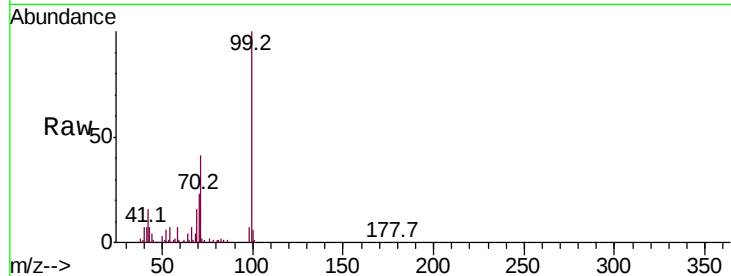
Tot Ion: 99 Resp: 73289

Ion Ratio Lower Upper

99 100

42 15.5 14.1 21.1

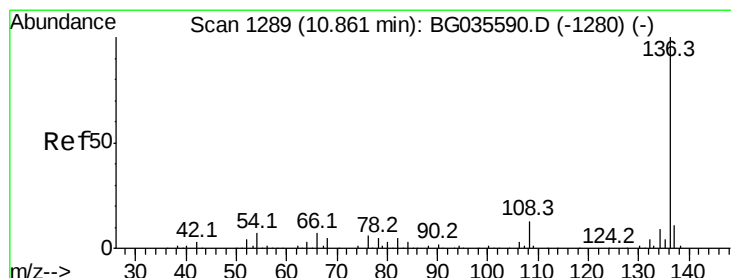
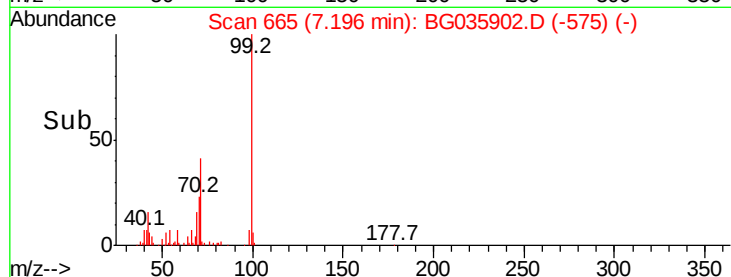
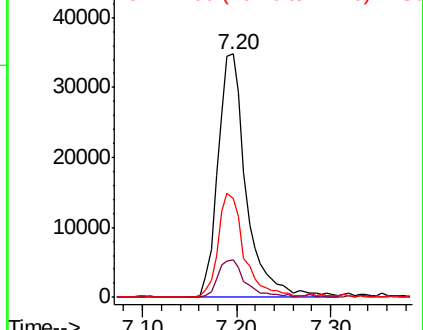
71 40.8 26.1 39.1#



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: 10.83 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BG035902.D

Acq: 26 Jul 2018 10:06

Tgt Ion:136 Resp: 125304

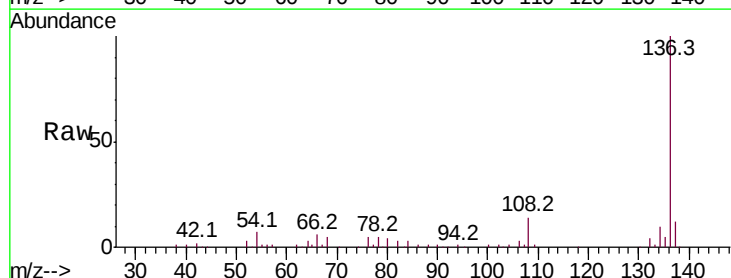
Ion Ratio Lower Upper

136 100

137 12.3 9.2 13.8

54 6.5 10.3 15.5#

68 5.0 4.5 6.7

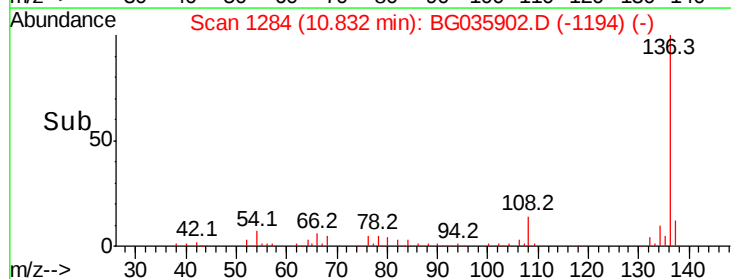
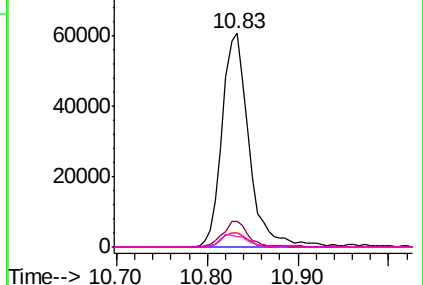


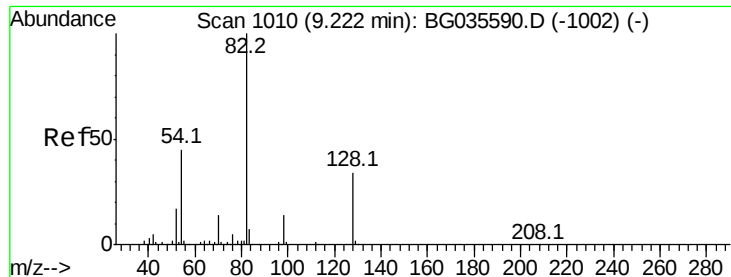
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

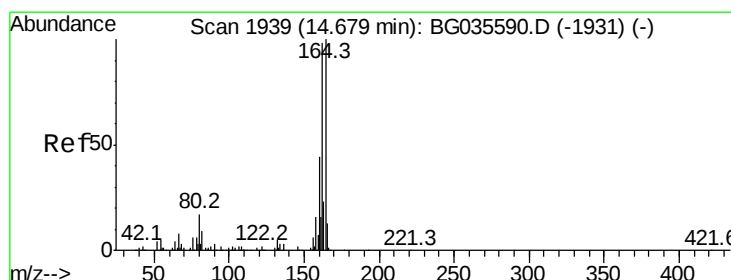
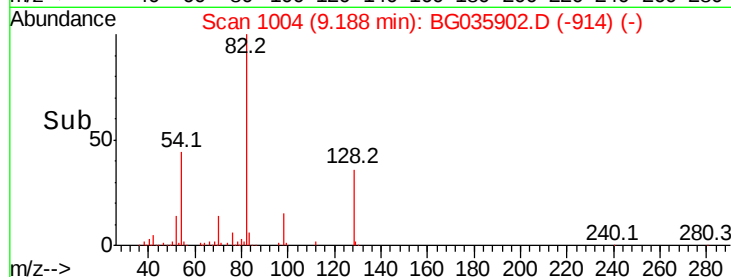
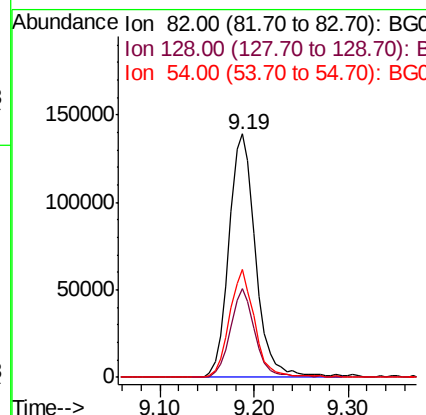
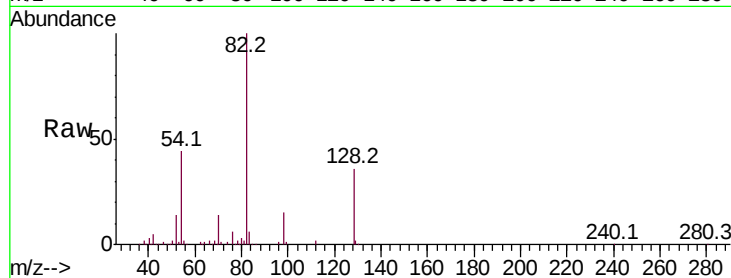




#23
Nitrobenzene-d5
Concen: 91.395 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BG035902.D
Acq: 26 Jul 2018 10:06

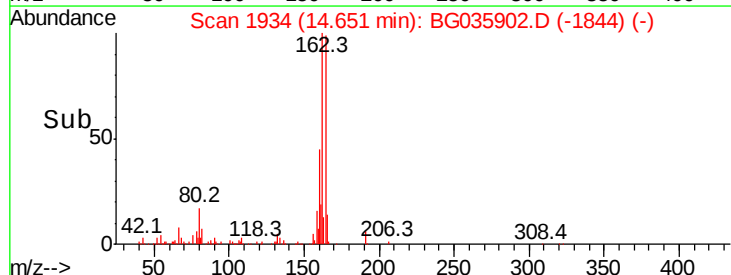
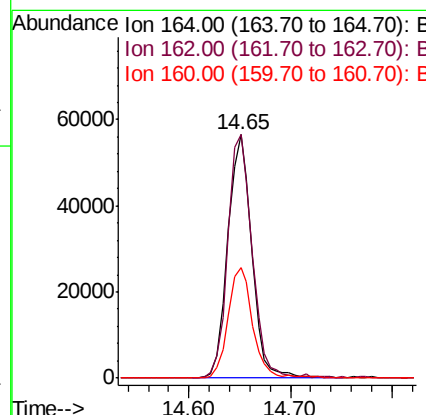
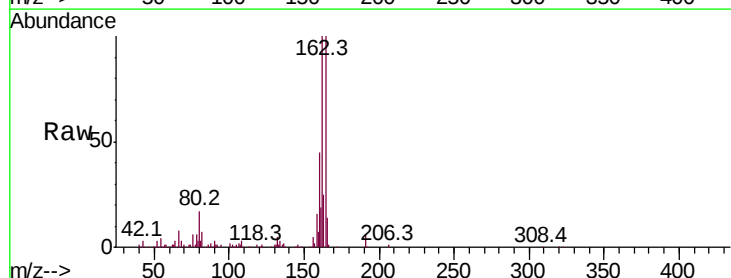
Instrument :
BNA_G
ClientSampleId :
071918-TIPC-E-U-M

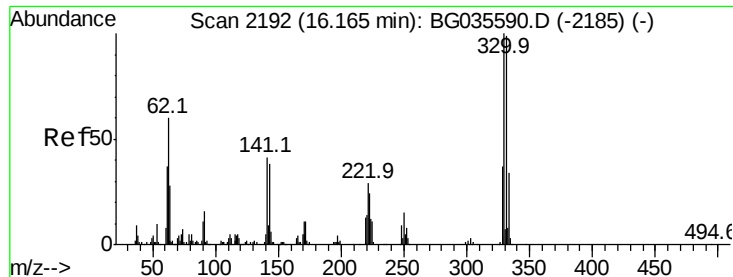
Tot Ion	82	Resp	274142
Ion Ratio	100	Lower	Upper
128	36.5	29.7	44.5
54	44.1	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. 0.00 min
Lab File: BG035902.D
Acq: 26 Jul 2018 10:06

Tgt Ion	164	Resp	92834
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	100.1	78.8	118.2
160	45.2	35.4	53.0

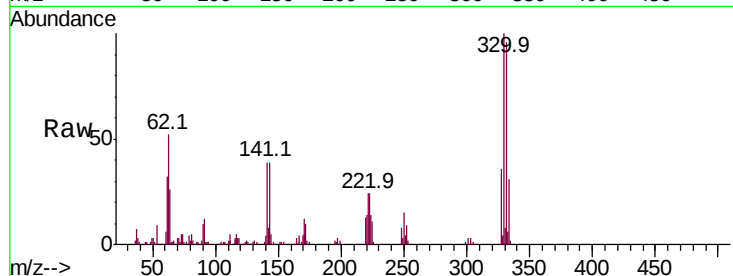




#41
 2,4,6-Tribromophenol
 Concen: 102.664 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG035902.D
 Acq: 26 Jul 2018 10:06

Instrument :
 BNA_G
 ClientSampleId :
 071918-TIPC-E-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.6
141	38.9	25.2	37.8#

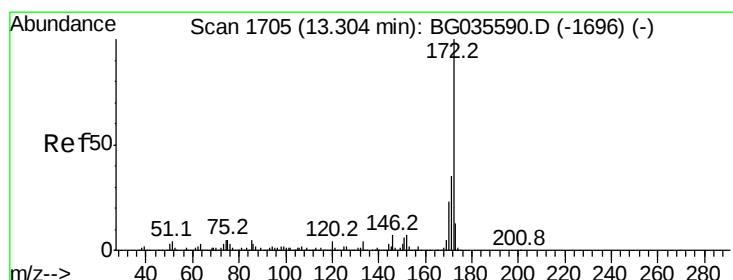
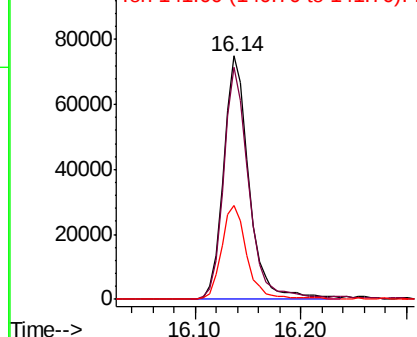
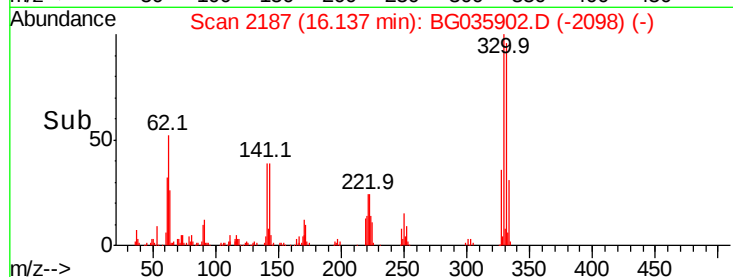


Abundance

Ion 329.80 (329.50 to 330.50): E

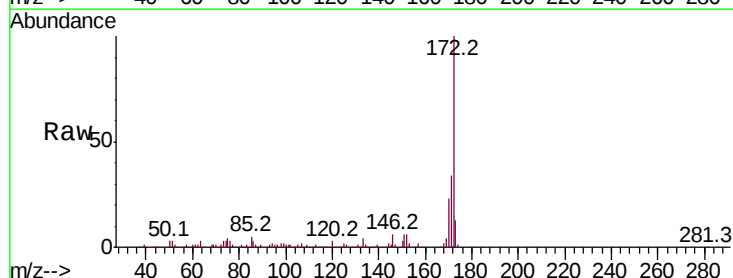
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 95.953 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG035902.D
 Acq: 26 Jul 2018 10:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.8	30.0	45.0
170	23.2	19.5	29.3

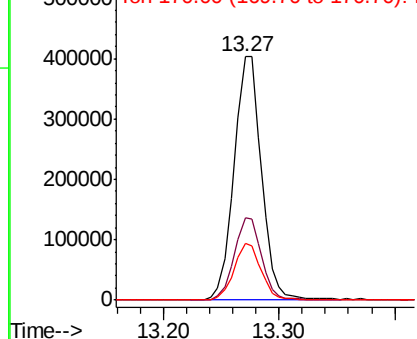
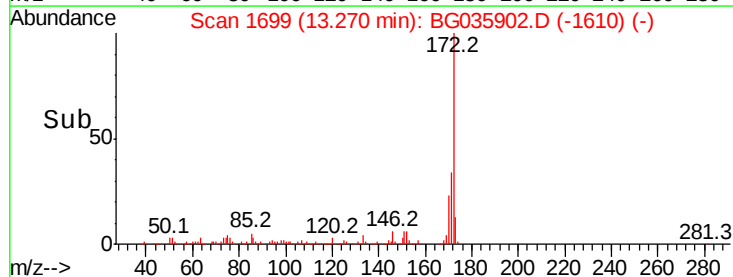


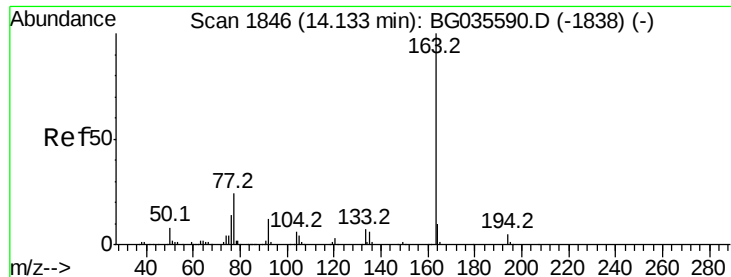
Abundance

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

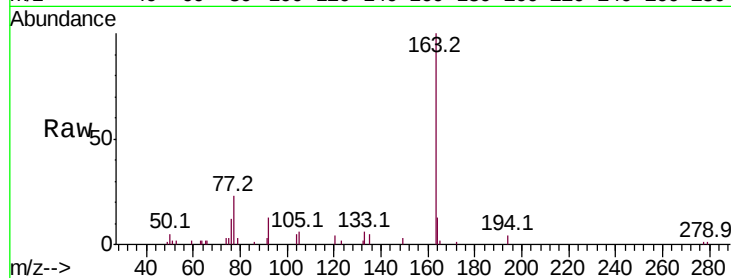




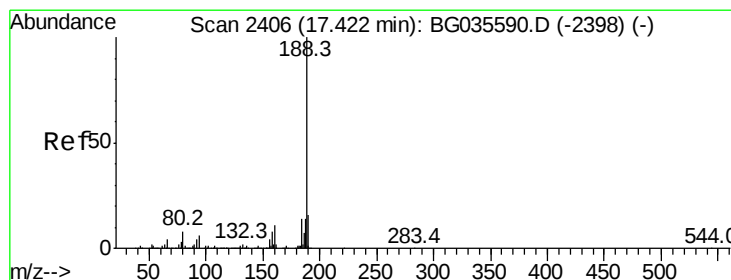
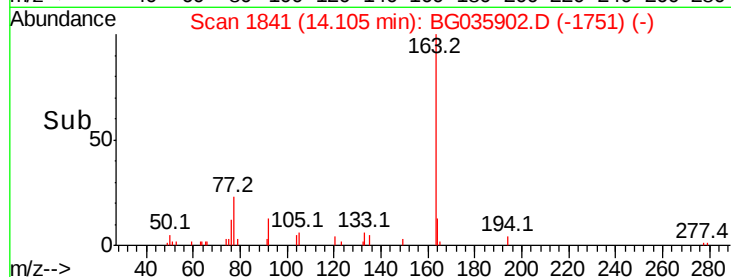
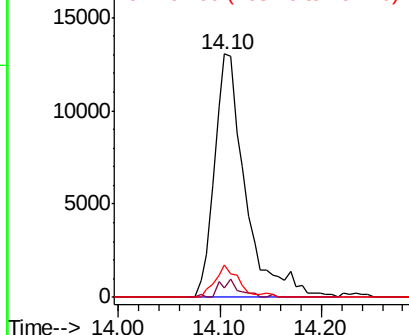
#49
Dimethylphthalate
Concen: 3.394 ng
RT: 14.10 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BG035902.D
Acq: 26 Jul 2018 10:06

Instrument :
BNA_G
ClientSampleId :
071918-TIPC-E-U-M

Tot Ion:163 Resp: 27608
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.2
164 13.3 8.2 12.4#

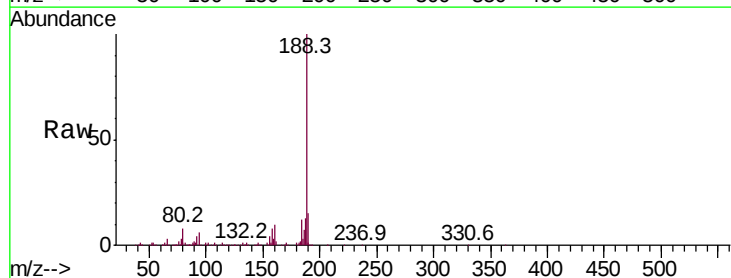


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

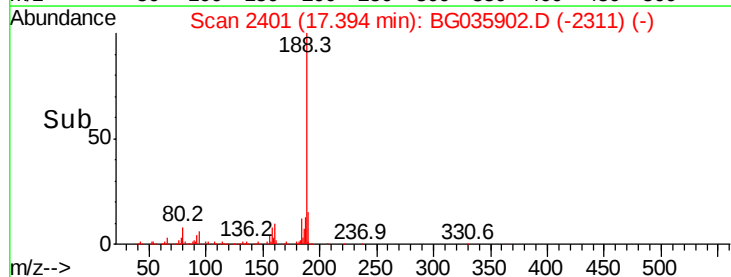
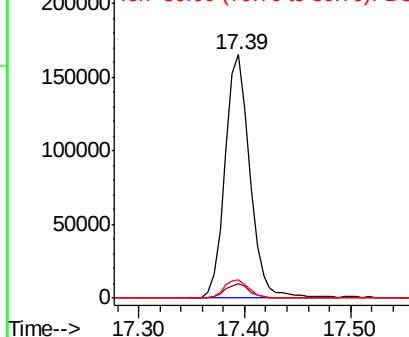


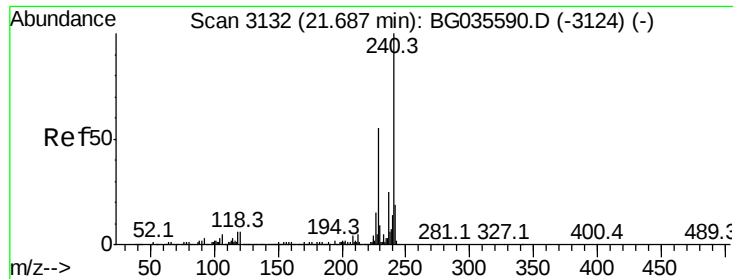
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. 0.00 min
Lab File: BG035902.D
Acq: 26 Jul 2018 10:06

Tgt Ion:188 Resp: 269261
Ion Ratio Lower Upper
188 100
94 6.1 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BG035902.D

Acq: 26 Jul 2018 10:06

Instrument :

BNA_G

ClientSampleId :

071918-TIPC-E-U-M

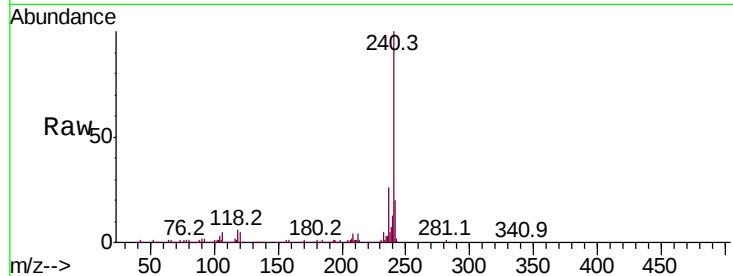
Tot Ion:240 Resp: 311360

Ion Ratio Lower Upper

240 100

120 5.5 6.8 10.2#

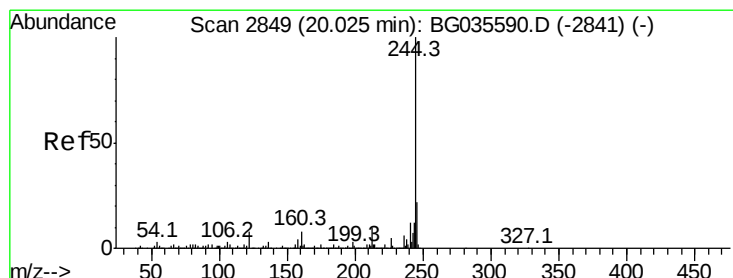
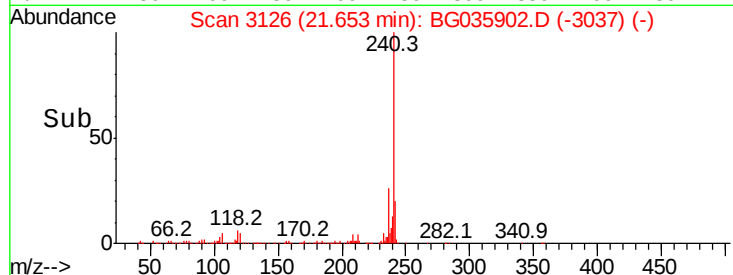
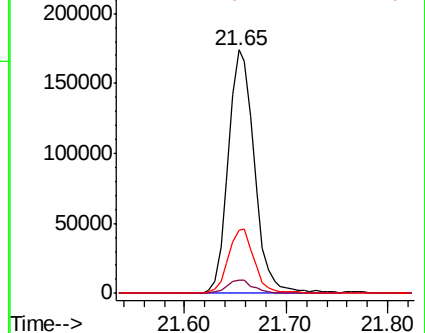
236 25.8 20.9 31.3



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: 78.675 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BG035902.D

Acq: 26 Jul 2018 10:06

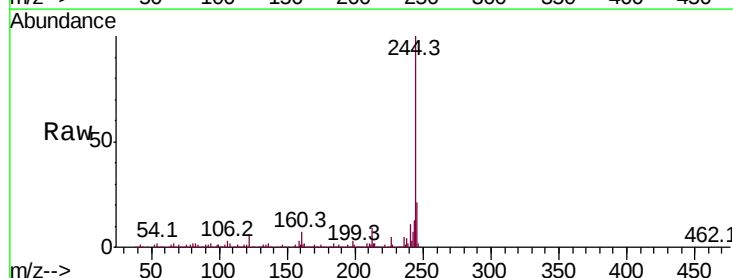
Tgt Ion:244 Resp: 1111296

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

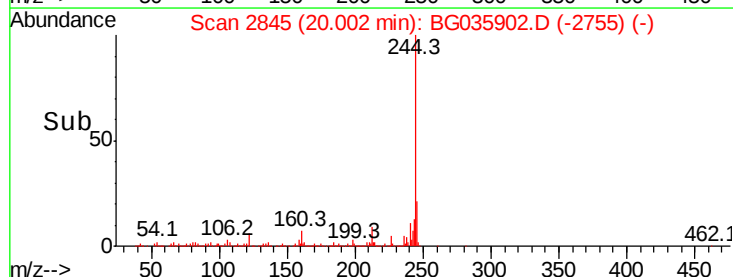
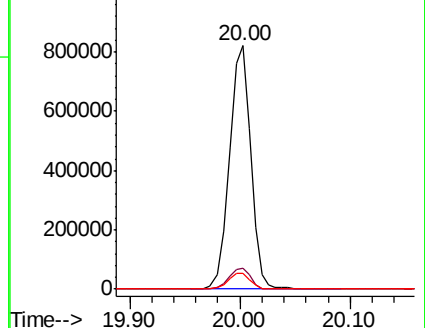
122 6.3 7.0 10.4#

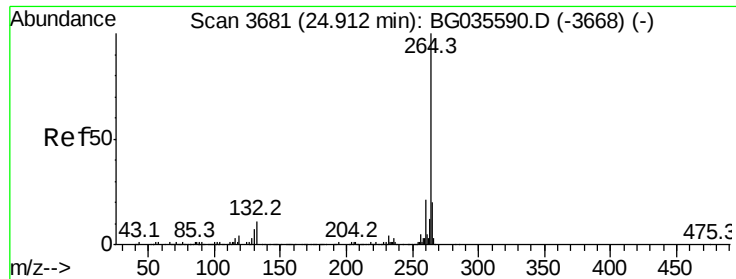


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

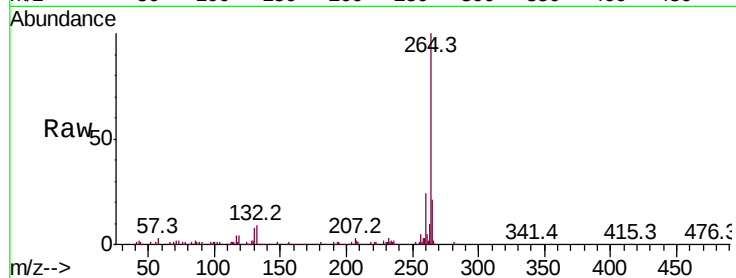




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3670
 Delta R.T. -0.01 min
 Lab File: BG035902.D
 Acq: 26 Jul 2018 10:06

Instrument :
 BNA_G
 ClientSampleId :
 071918-TIPC-E-U-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	20.6	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

