

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072518\
 Data File : BG035907.D
 Acq On : 26 Jul 2018 13:21
 Operator : JU/SJ
 Sample : J3821-12
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-072418-C

Quant Time: Jul 26 14:16:17 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	8.03	152	32001	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	118795	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	86565	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	283981	20.00	ng	0.00
75) Chrysene-d12	21.66	240	307066	20.00	ng	0.00
86) Perylene-d12	24.85	264	285854	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	258250	133.98	ng	0.00
7) Phenol-d6	7.20	99	327754	113.97	ng	0.00
23) Nitrobenzene-d5	9.19	82	276540	97.25	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	222423	194.94	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	660836	102.28	ng	0.00
78) Terphenyl-d14	20.00	244	1459148	104.75	ng	0.00

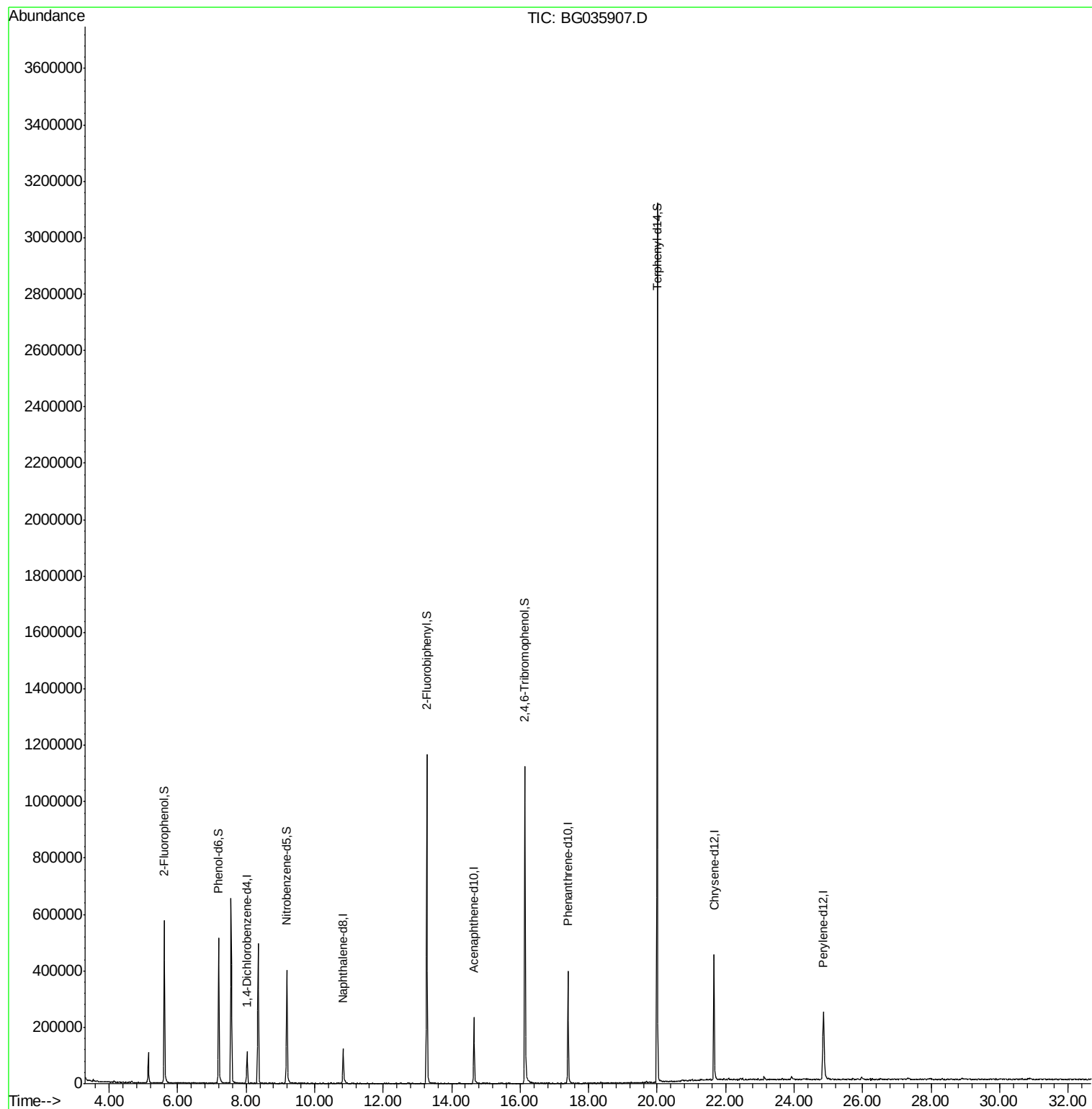
Target Compounds Qvalue

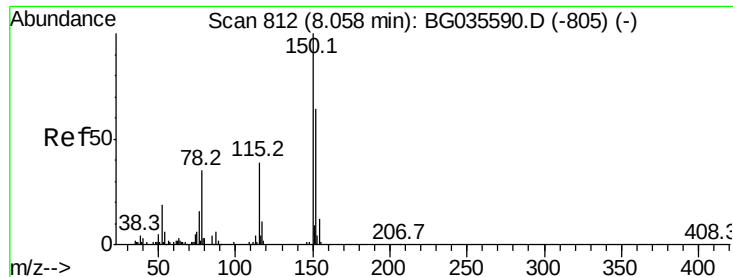
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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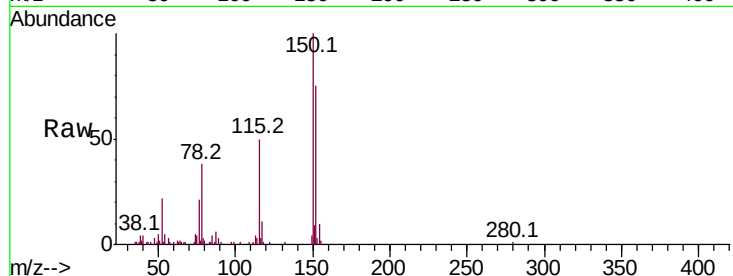


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.01 min
Lab File: BG035907.D
Acq: 26 Jul 2018 13:21

Instrument :
BNA_G
ClientSampleId :
HR-06-072418-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	132.7	126.6	189.8
115	66.5	53.0	79.4

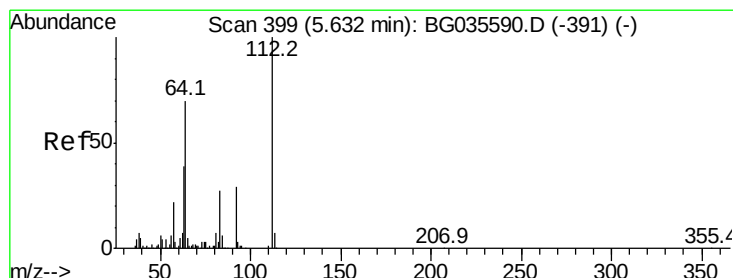
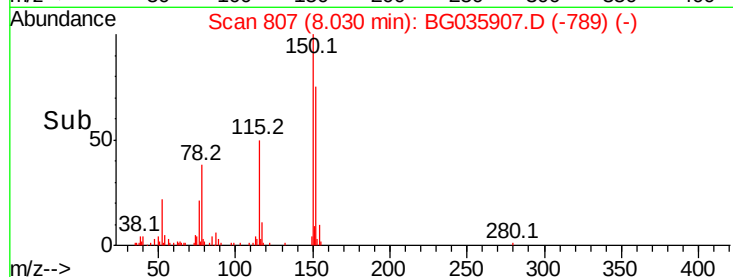
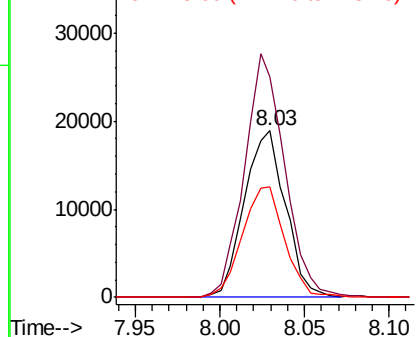


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

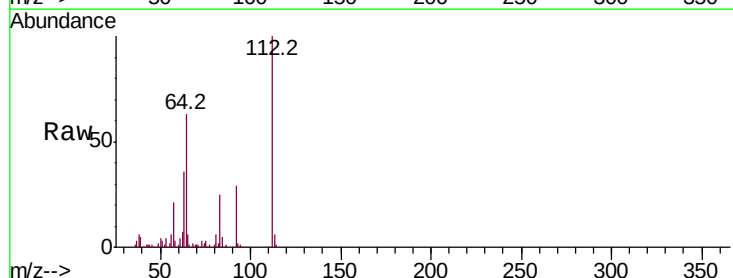
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 133.982 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.01 min
Lab File: BG035907.D
Acq: 26 Jul 2018 13:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.8	56.3	84.5
63	36.0	30.1	45.1

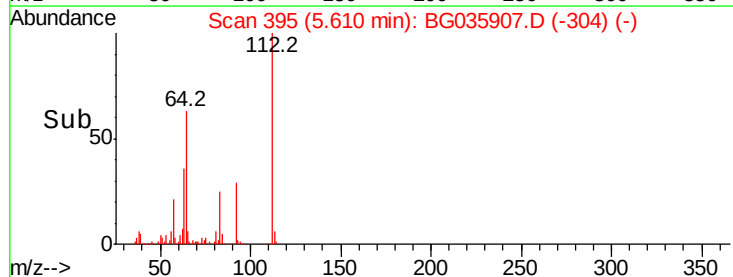
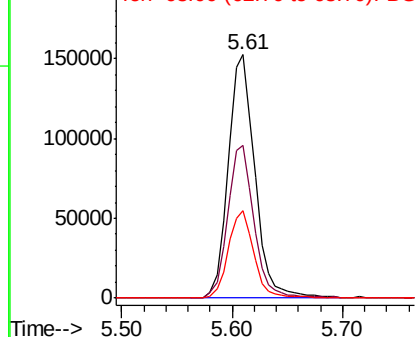


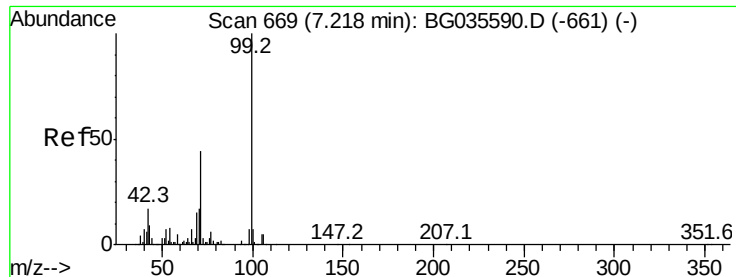
Abundance

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: 113.969 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035907.D

Acq: 26 Jul 2018 13:21

Instrument :

BNA_G

ClientSampleId :

HR-06-072418-C

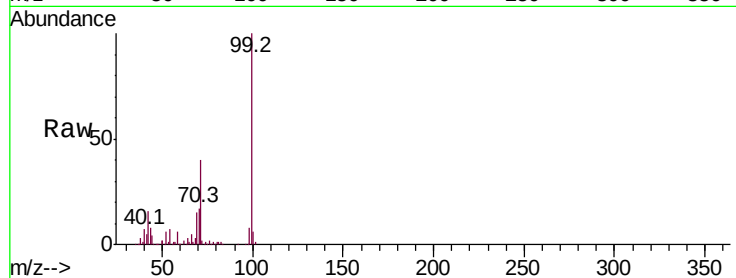
Tot Ion: 99 Resp: 327754

Ion Ratio Lower Upper

99 100

42 15.6 14.1 21.1

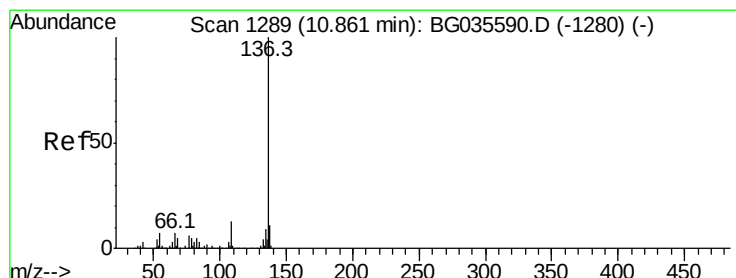
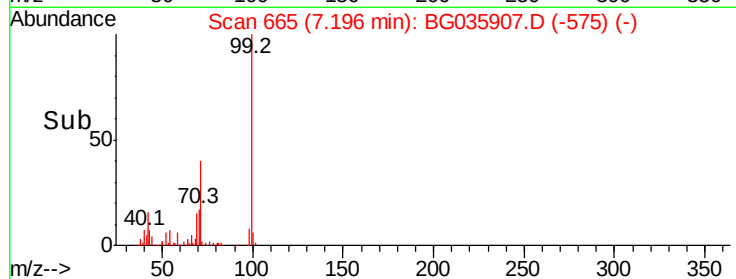
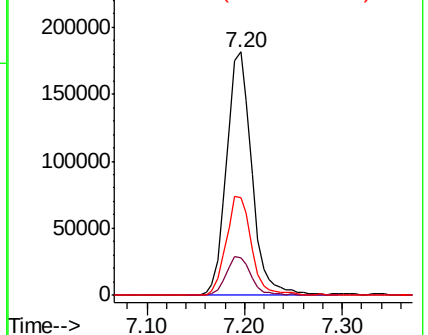
71 40.2 26.1 39.1#



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: BG035907.D

Acq: 26 Jul 2018 13:21

Tgt Ion: 136 Resp: 118795

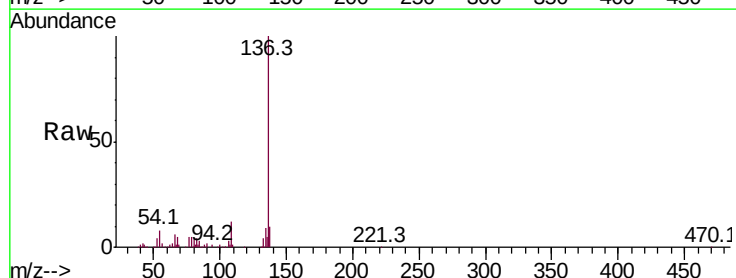
Ion Ratio Lower Upper

136 100

137 9.7 9.2 13.8

54 8.2 10.3 15.5#

68 5.3 4.5 6.7

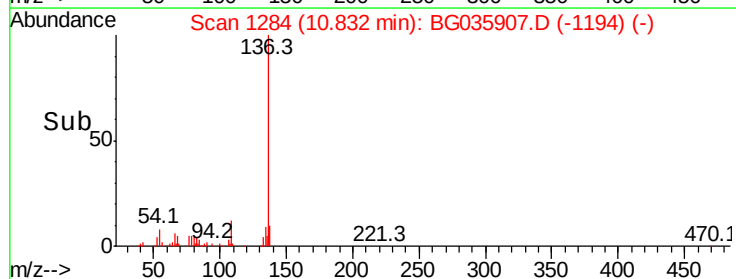
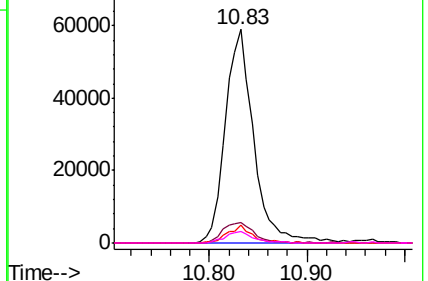


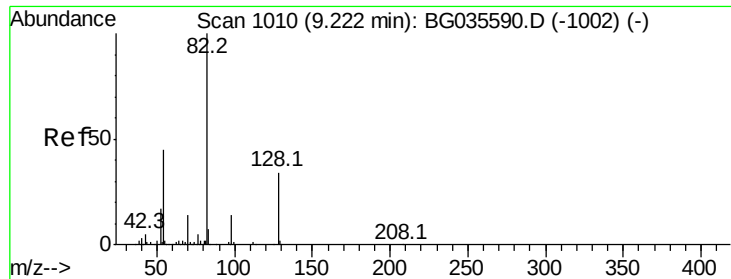
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

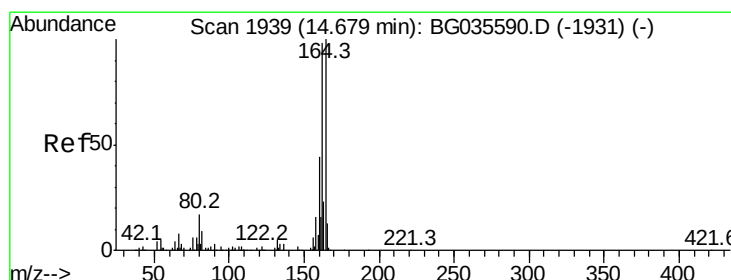
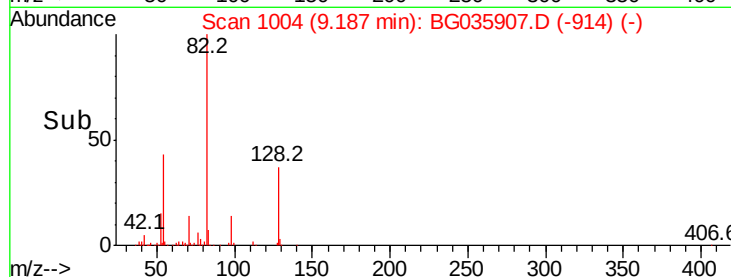
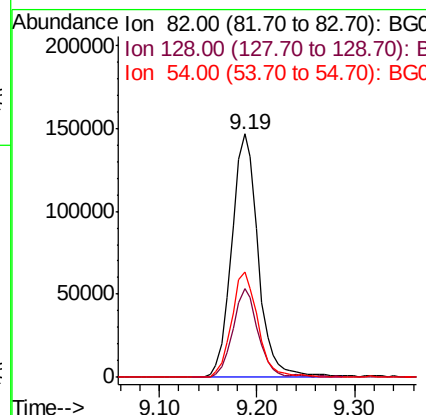
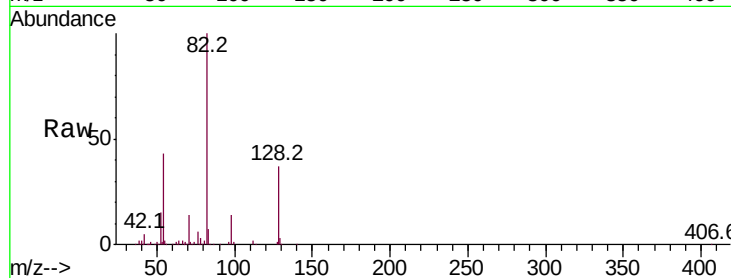




#23
 Nitrobenzene-d5
 Concen: 97.246 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BG035907.D
 Acq: 26 Jul 2018 13:21

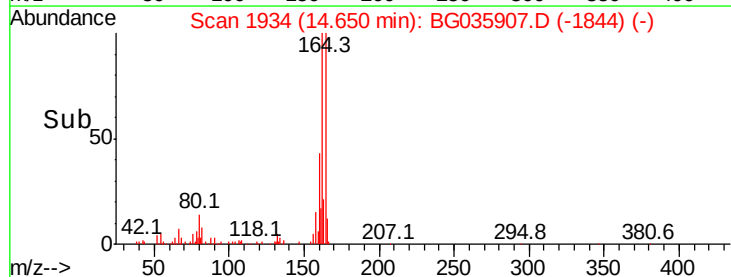
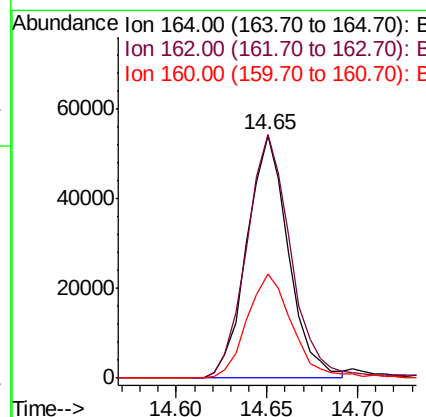
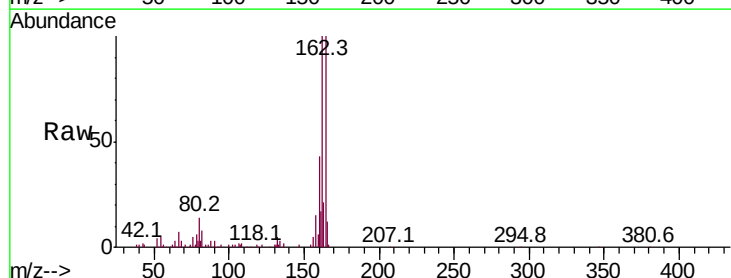
Instrument :
 BNA_G
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 HR-06-072418-C

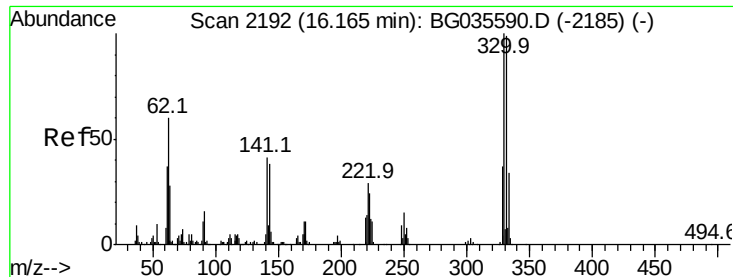
Tot Ion	82	Resp	276540
Ion Ratio	100	Lower	Upper
128	36.6	29.7	44.5
54	43.2	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG035907.D
 Acq: 26 Jul 2018 13:21

Tgt Ion	164	Resp	86565
Ion Ratio	100	Lower	Upper
162	100.2	78.8	118.2
160	42.7	35.4	53.0

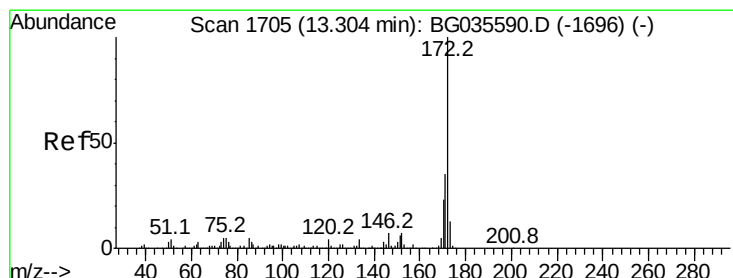
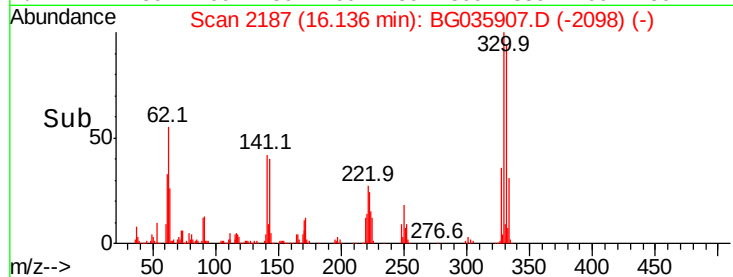
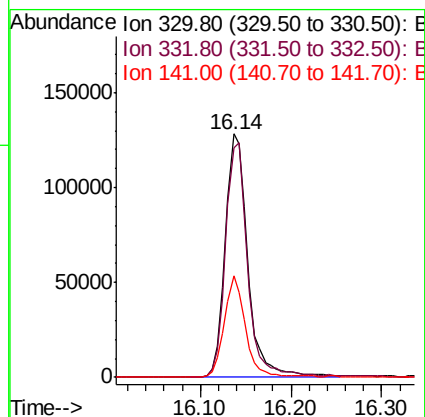
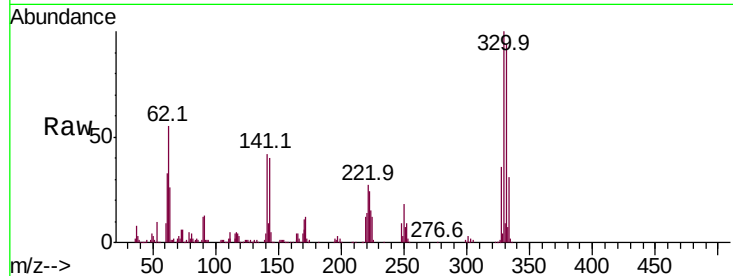




#41
 2,4,6-Tribromophenol
 Concen: 194.940 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG035907.D
 Acq: 26 Jul 2018 13:21

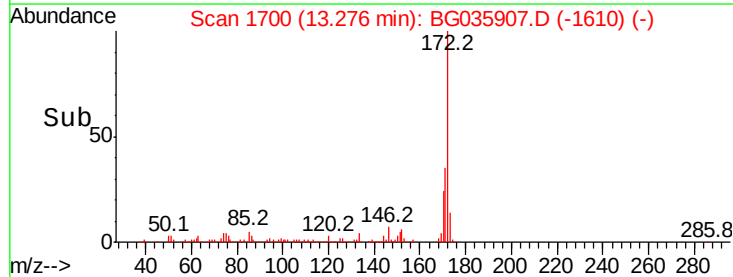
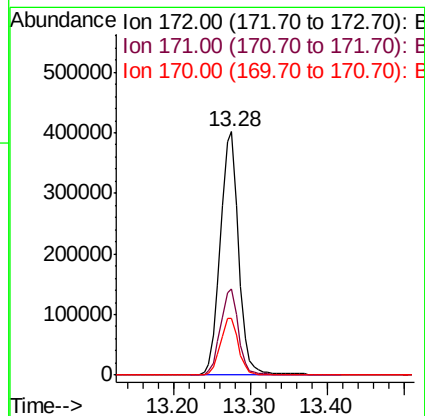
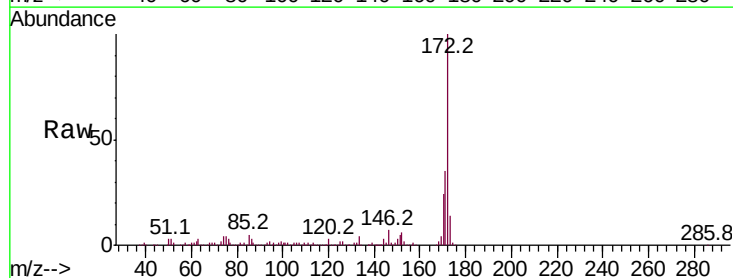
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-072418-C

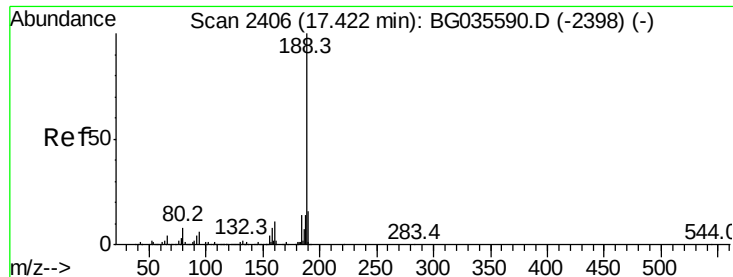
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.0	115.6
141	39.0	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 102.276 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG035907.D
 Acq: 26 Jul 2018 13:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.0	45.0
170	23.5	19.5	29.3

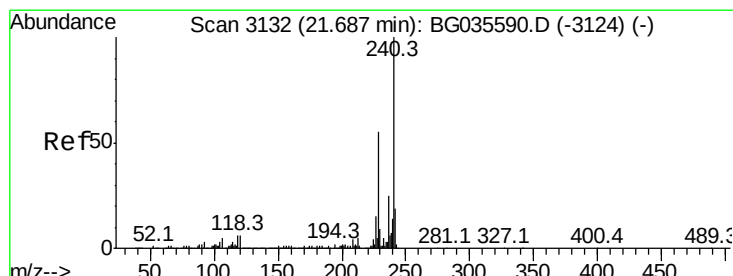
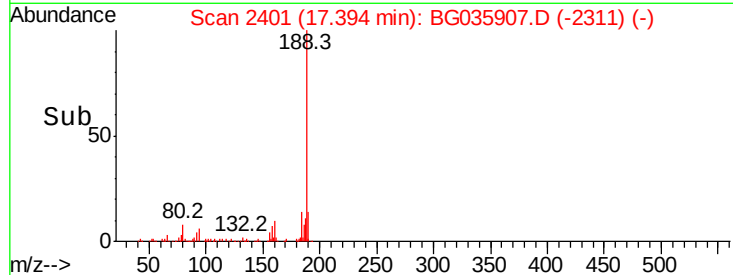
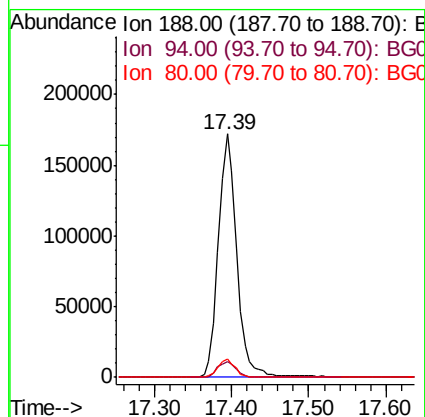
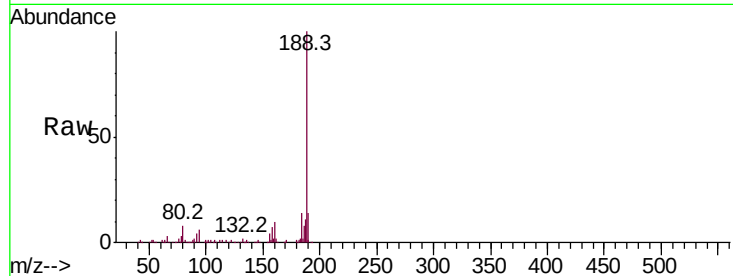




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2401
 Delta R.T. -0.00 min
 Lab File: BG035907.D
 Acq: 26 Jul 2018 13:21

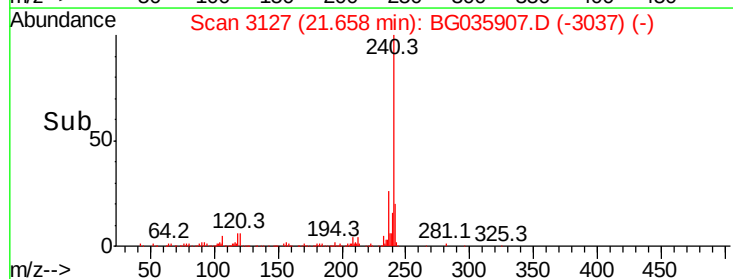
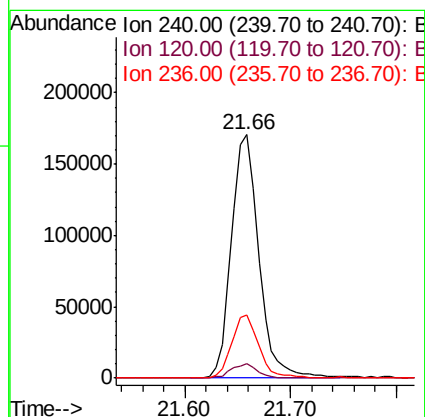
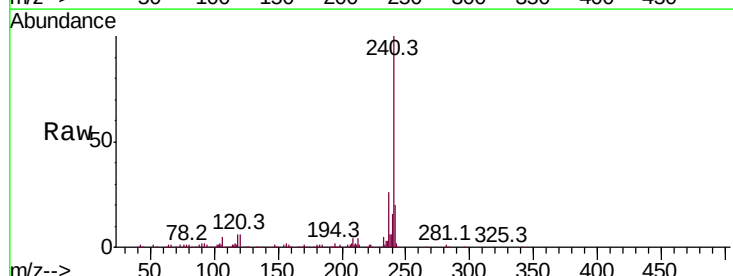
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 BNA_G
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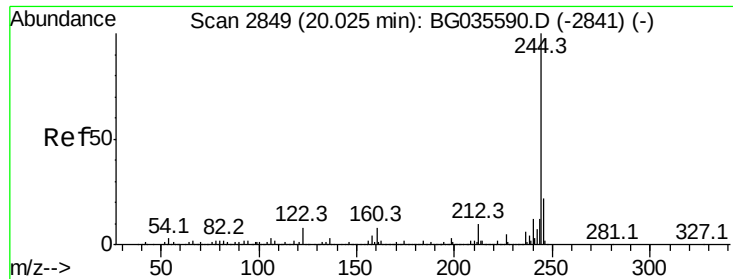
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.3	6.9	10.3#
80	7.7	7.7	11.5



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.66 min Scan# 3127
 Delta R.T. -0.00 min
 Lab File: BG035907.D
 Acq: 26 Jul 2018 13:21

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.7	6.8	10.2#
236	25.8	20.9	31.3





#78

Terphenyl-d14

Concen: 104.746 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG035907.D

Acq: 26 Jul 2018 13:21

Instrument :

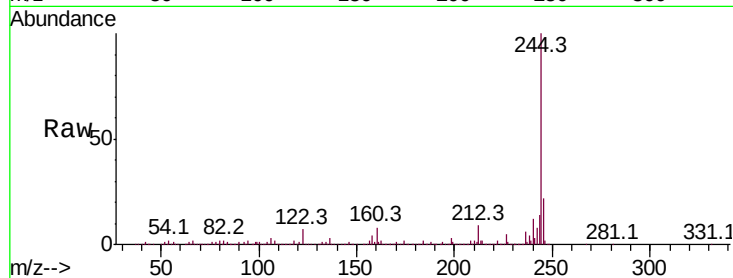
BNA_G

ClientSampleId :

HR-06-072418-C

Tot Ion:244 Resp: 1459148

Ion	Ratio	Lower	Upper
244	100		
212	9.4	5.8	8.8#
122	6.7	7.0	10.4#

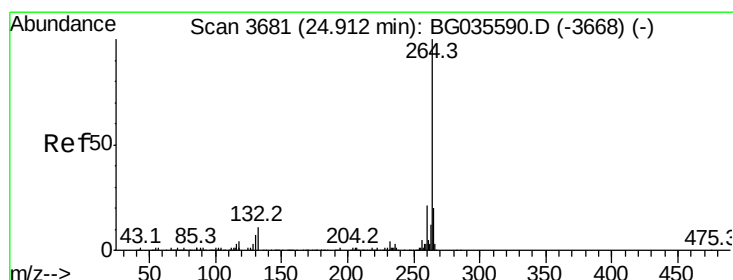
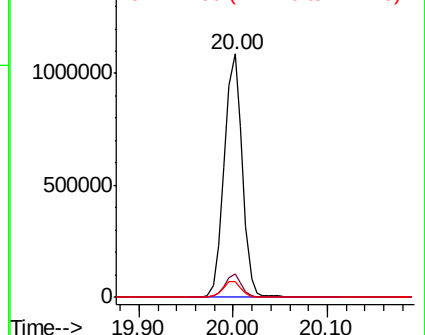
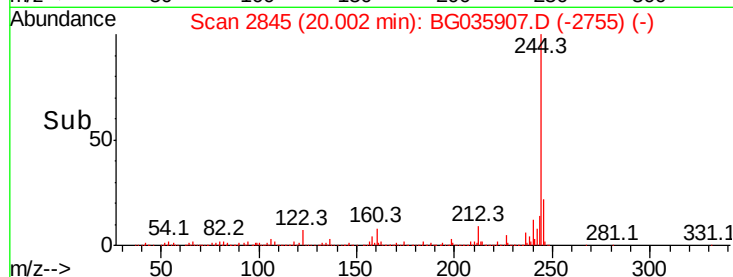


Abundance

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

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3671

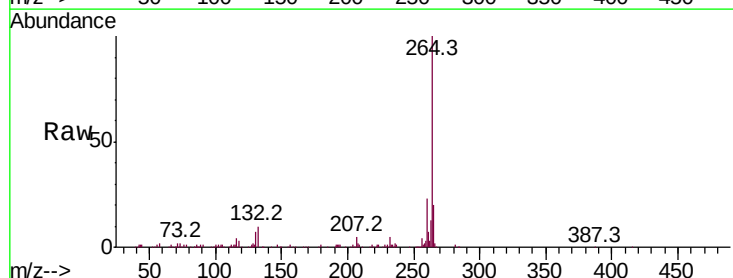
Delta R.T. -0.01 min

Lab File: BG035907.D

Acq: 26 Jul 2018 13:21

Tgt Ion:264 Resp: 285854

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	20.0	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

