

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080318\
 Data File : BG036121.D
 Acq On : 4 Aug 2018 9:17
 Operator : JU/SJ
 Sample : J4313-14
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-11

Quant Time: Aug 06 01:35:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	29841	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	103788	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	75765	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	207614	20.00	ng	0.00
75) Chrysene-d12	21.67	240	228555	20.00	ng	0.00
86) Perylene-d12	24.88	264	203302	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	272756	151.75	ng	0.00
7) Phenol-d6	7.19	99	337459	125.84	ng	0.00
23) Nitrobenzene-d5	9.19	82	273741	110.18	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	148330	148.53	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	617014	109.11	ng	0.00
78) Terphenyl-d14	20.00	244	1225414	118.19	ng	0.00

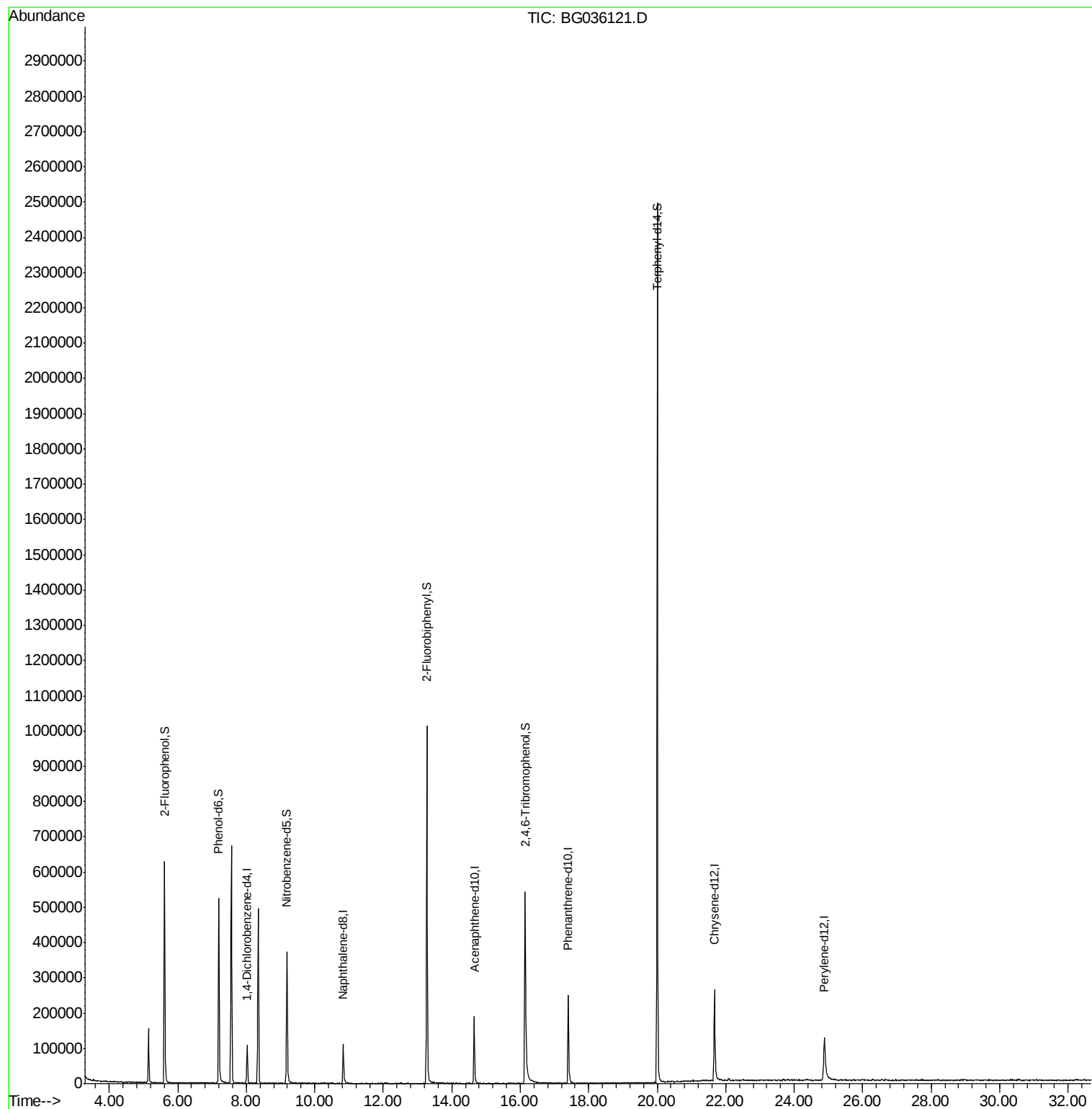
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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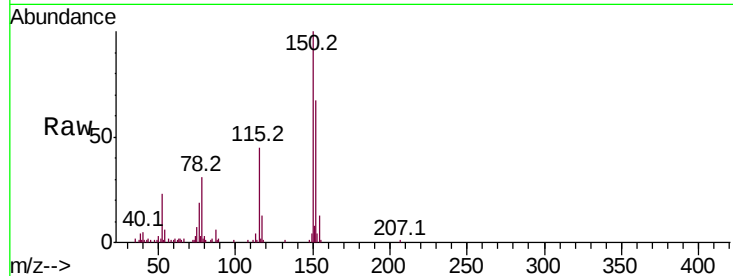


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG036121.D
Acq: 4 Aug 2018 9:17

Instrument :
BNA_G
ClientSampleId :
C-11

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.0	126.6	189.8
115	67.4	53.0	79.4

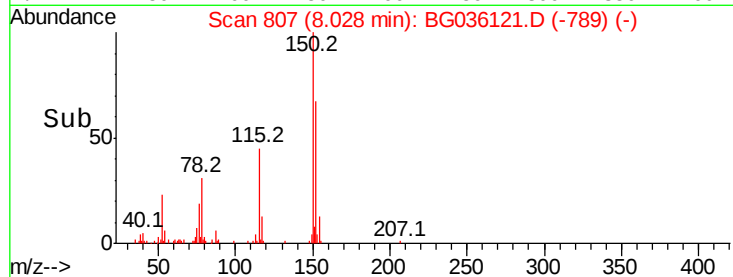
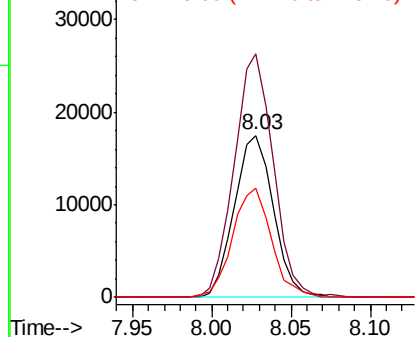


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

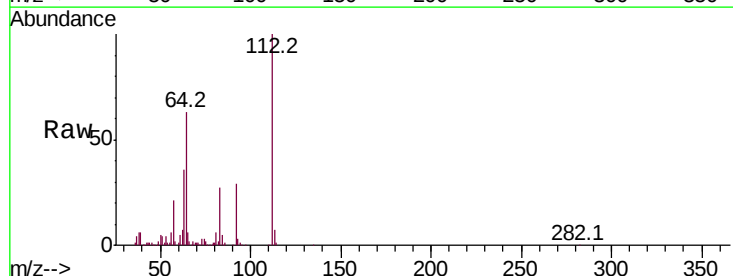
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 151.751 ng
RT: 5.61 min Scan# 396
Delta R.T. 0.01 min
Lab File: BG036121.D
Acq: 4 Aug 2018 9:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.4	56.3	84.5
63	35.6	30.1	45.1

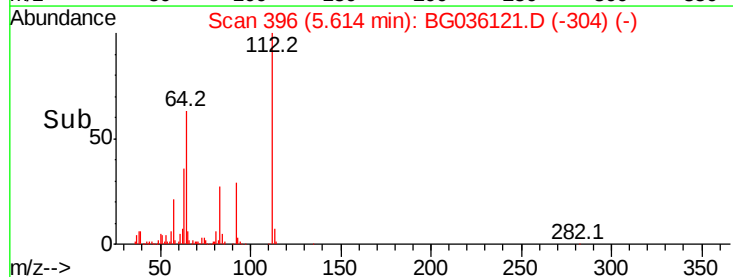
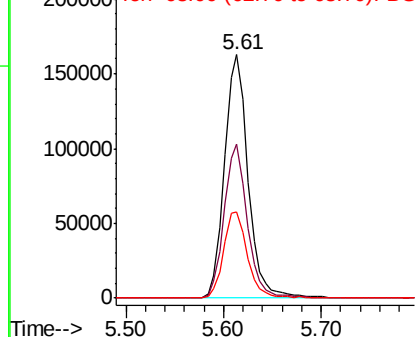


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 125.838 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG036121.D

Acq: 4 Aug 2018 9:17

Instrument :

BNA_G

ClientSampleId :

C-11

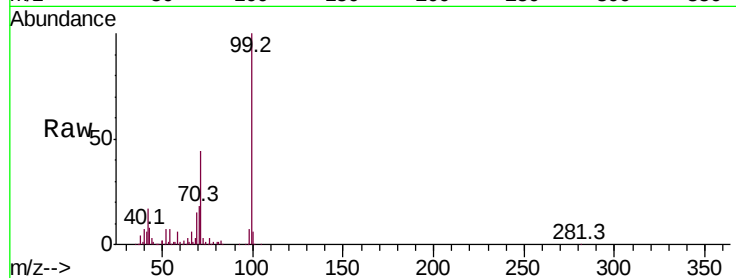
Tot Ion: 99 Resp: 337459

Ion Ratio Lower Upper

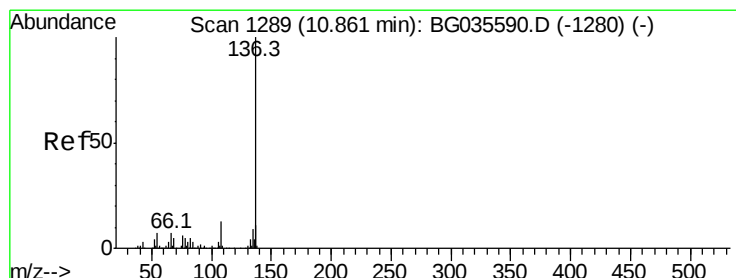
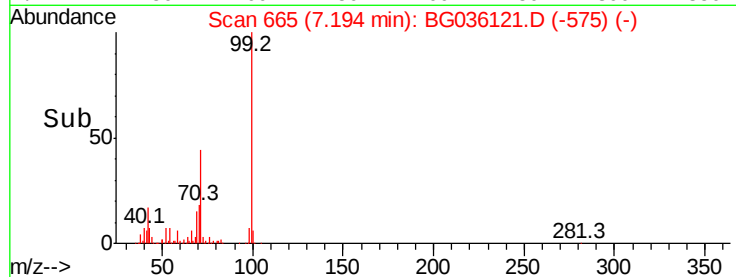
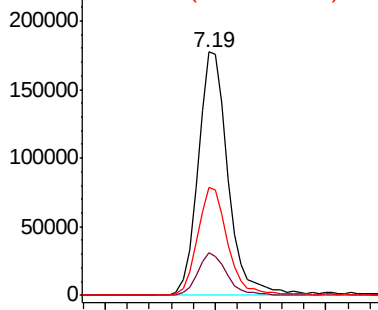
99 100

42 17.3 14.1 21.1

71 44.3 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: BG036121.D

Acq: 4 Aug 2018 9:17

Tgt Ion: 136 Resp: 103788

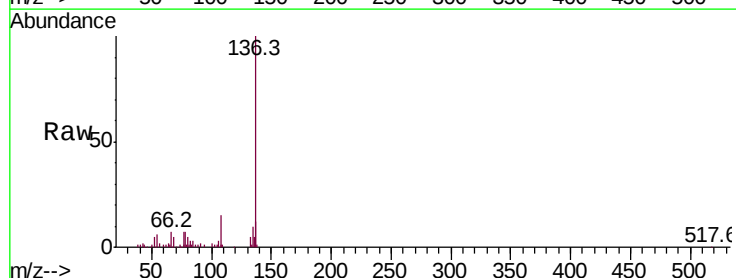
Ion Ratio Lower Upper

136 100

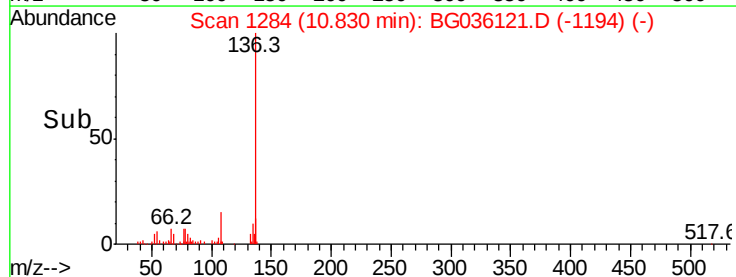
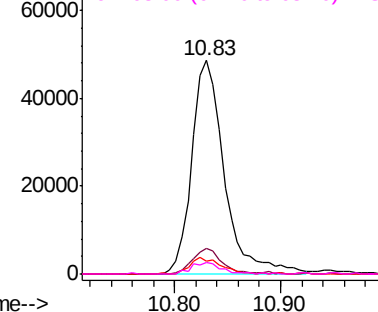
137 12.3 9.2 13.8

54 6.3 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

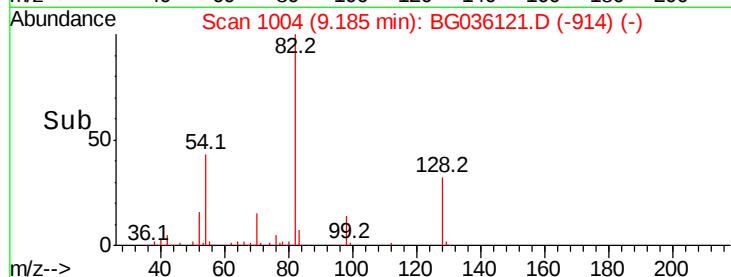
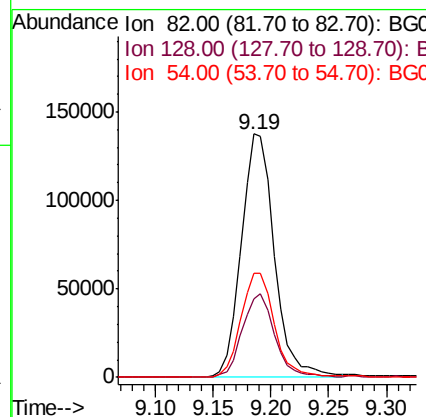
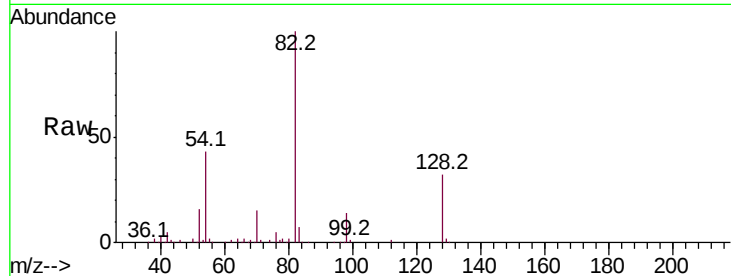




#23
Nitrobenzene-d5
Concen: 110.181 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG036121.D
Acq: 4 Aug 2018 9:17

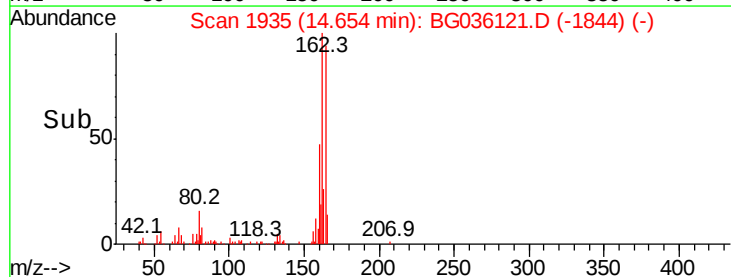
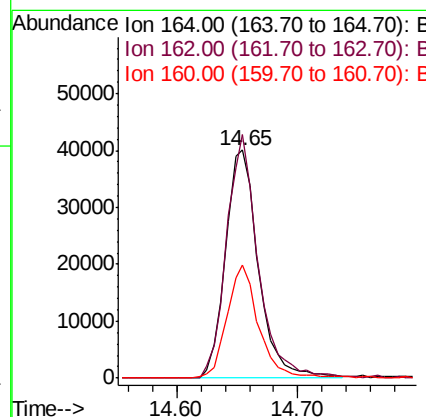
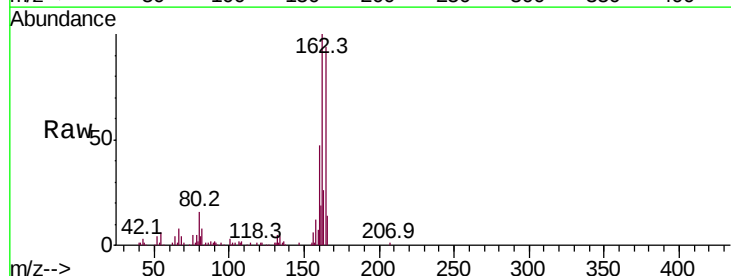
Instrument :
BNA_G
ClientSampleId :
C-11

Tot Ion: 82 Resp: 273741
Ion Ratio Lower Upper
82 100
128 32.3 29.7 44.5
54 42.9 43.1 64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BG036121.D
Acq: 4 Aug 2018 9:17

Tgt Ion:164 Resp: 75765
Ion Ratio Lower Upper
164 100
162 106.8 78.8 118.2
160 49.8 35.4 53.0

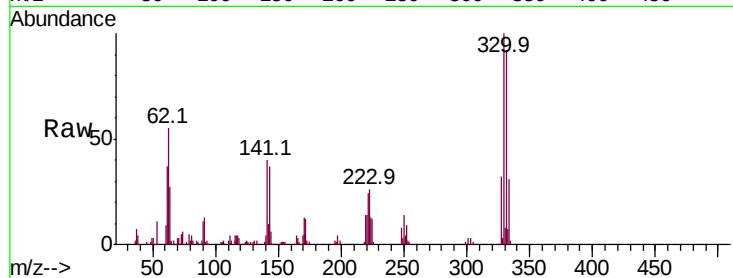




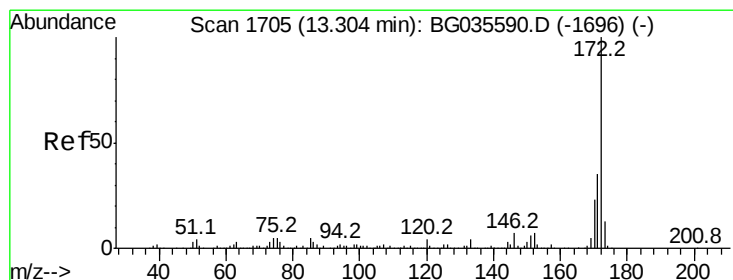
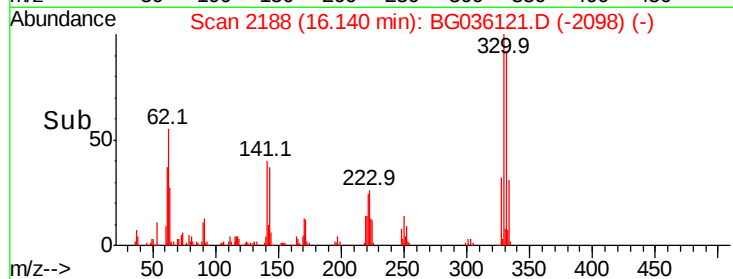
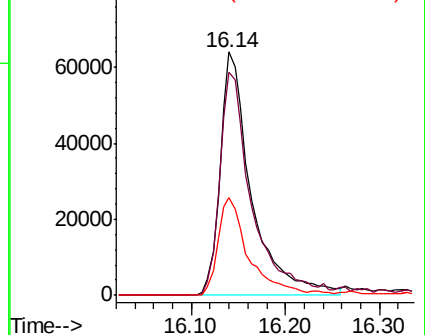
#41
 2,4,6-Tribromophenol
 Concen: 148.533 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG036121.D
 Acq: 4 Aug 2018 9:17

Instrument :
 BNA_G
 ClientSampleId :
 C-11

Tot Ion:330 Resp: 148330
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.0 115.6
 141 39.1 25.2 37.8#

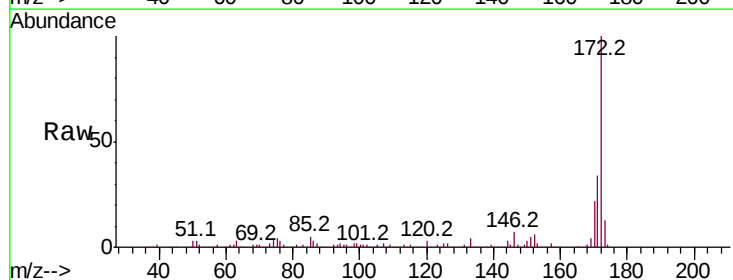


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

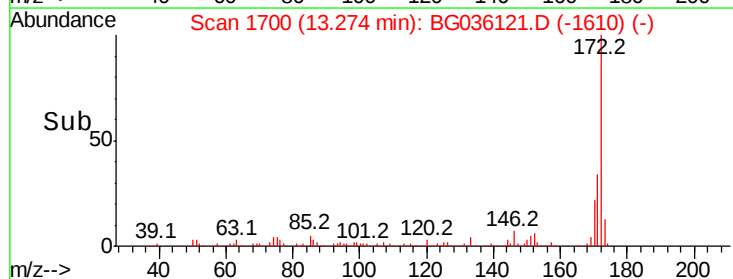
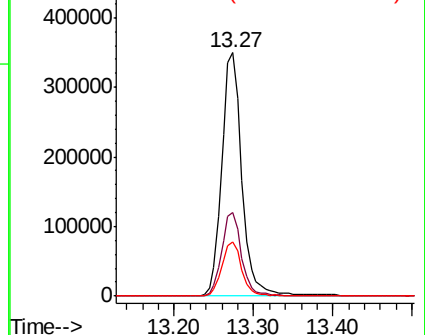


#44
 2-Fluorobiphenyl
 Concen: 109.106 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG036121.D
 Acq: 4 Aug 2018 9:17

Tgt Ion:172 Resp: 617014
 Ion Ratio Lower Upper
 172 100
 171 34.2 30.0 45.0
 170 22.0 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2402

Delta R.T. 0.00 min

Lab File: BG036121.D

Acq: 4 Aug 2018 9:17

Instrument :

BNA_G

ClientSampled :

C-11

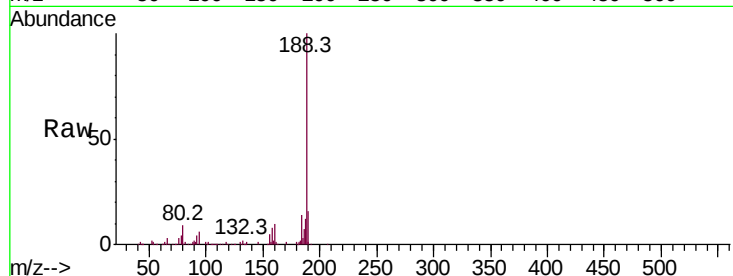
Tot Ion:188 Resp: 207614

Ion Ratio Lower Upper

188 100

94 5.6 6.9 10.3#

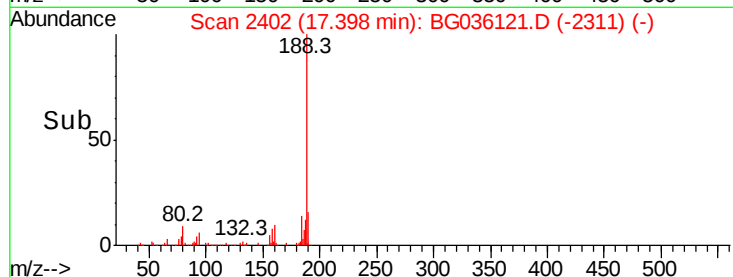
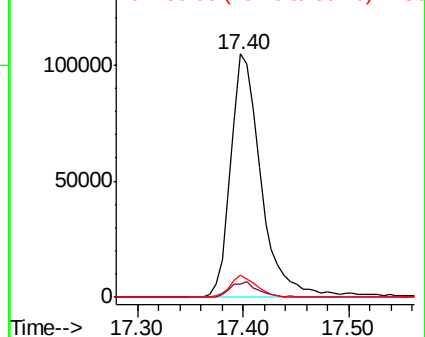
80 8.9 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3129

Delta R.T. 0.01 min

Lab File: BG036121.D

Acq: 4 Aug 2018 9:17

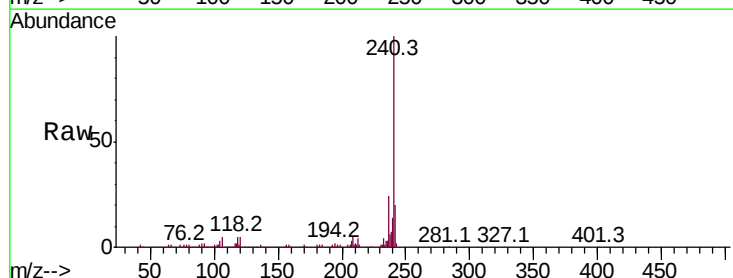
Tgt Ion:240 Resp: 228555

Ion Ratio Lower Upper

240 100

120 5.2 6.8 10.2#

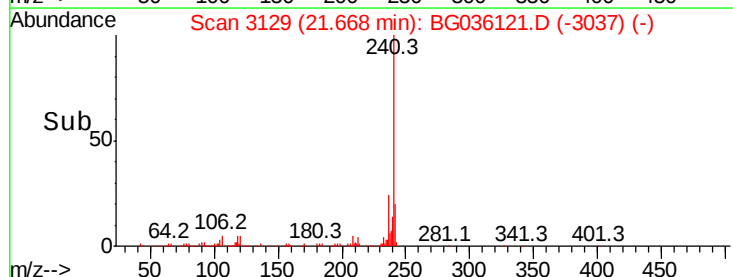
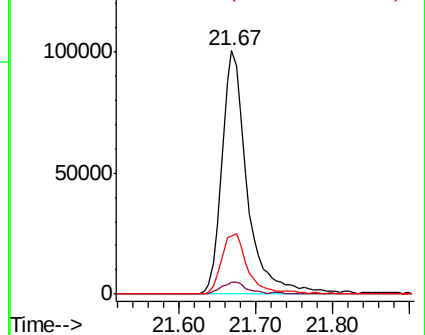
236 23.7 20.9 31.3

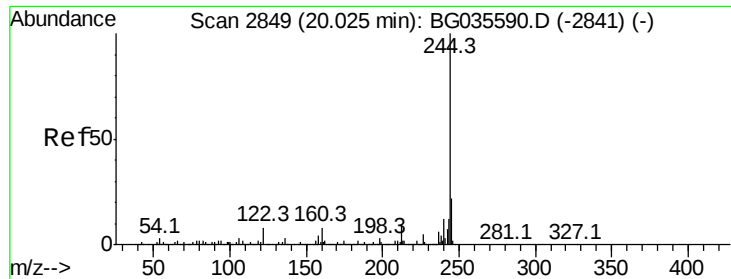


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



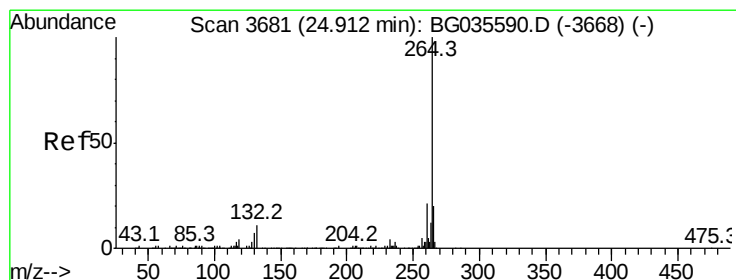
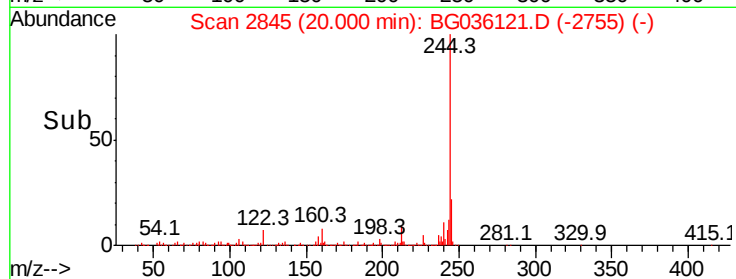
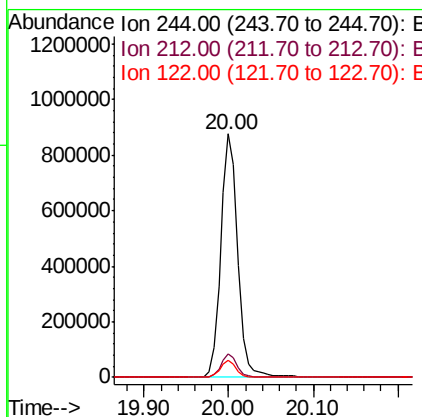
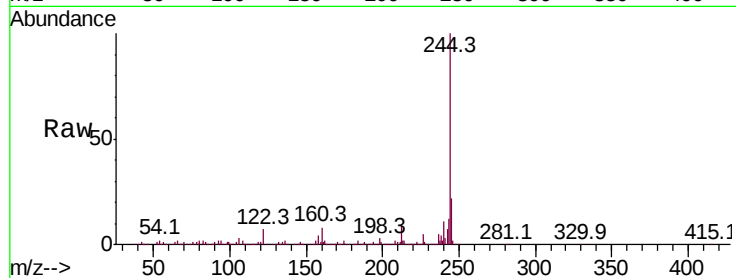


#78
 Terphenyl-d14
 Concen: 118.185 ng
 RT: 20.00 min Scan# 2845
 Delta R.T. -0.00 min
 Lab File: BG036121.D
 Acq: 4 Aug 2018 9:17

Instrument :
 BNA_G
 ClientSampleID :
 C-11

Tot Ion:244 Resp: 1225414

Ion	Ratio	Lower	Upper
244	100		
212	9.5	5.8	8.8#
122	7.0	7.0	10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3676
 Delta R.T. 0.02 min
 Lab File: BG036121.D
 Acq: 4 Aug 2018 9:17

Tgt Ion:264 Resp: 203302

Ion	Ratio	Lower	Upper
264	100		
260	25.2	17.4	26.0
265	20.0	17.7	26.5

