

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092718\
 Data File : BG037026.D
 Acq On : 27 Sep 2018 22:29
 Operator : JU/SJ
 Sample : J5096-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MT-T-5-2

Quant Time: Sep 28 04:38:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	39449	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	157895	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	95679	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	253956	20.00	ng	0.00
75) Chrysene-d12	21.67	240	287605	20.00	ng	-0.02
86) Perylene-d12	24.88	264	282104	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	251993	122.50	ng	0.00
7) Phenol-d6	7.20	99	307200	96.53	ng	0.00
23) Nitrobenzene-d5	9.20	82	255562	86.68	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	152130	132.89	ng	-0.02
44) 2-Fluorobiphenyl	13.29	172	535932	83.43	ng	0.00
78) Terphenyl-d14	20.02	244	1053887	96.35	ng	0.00

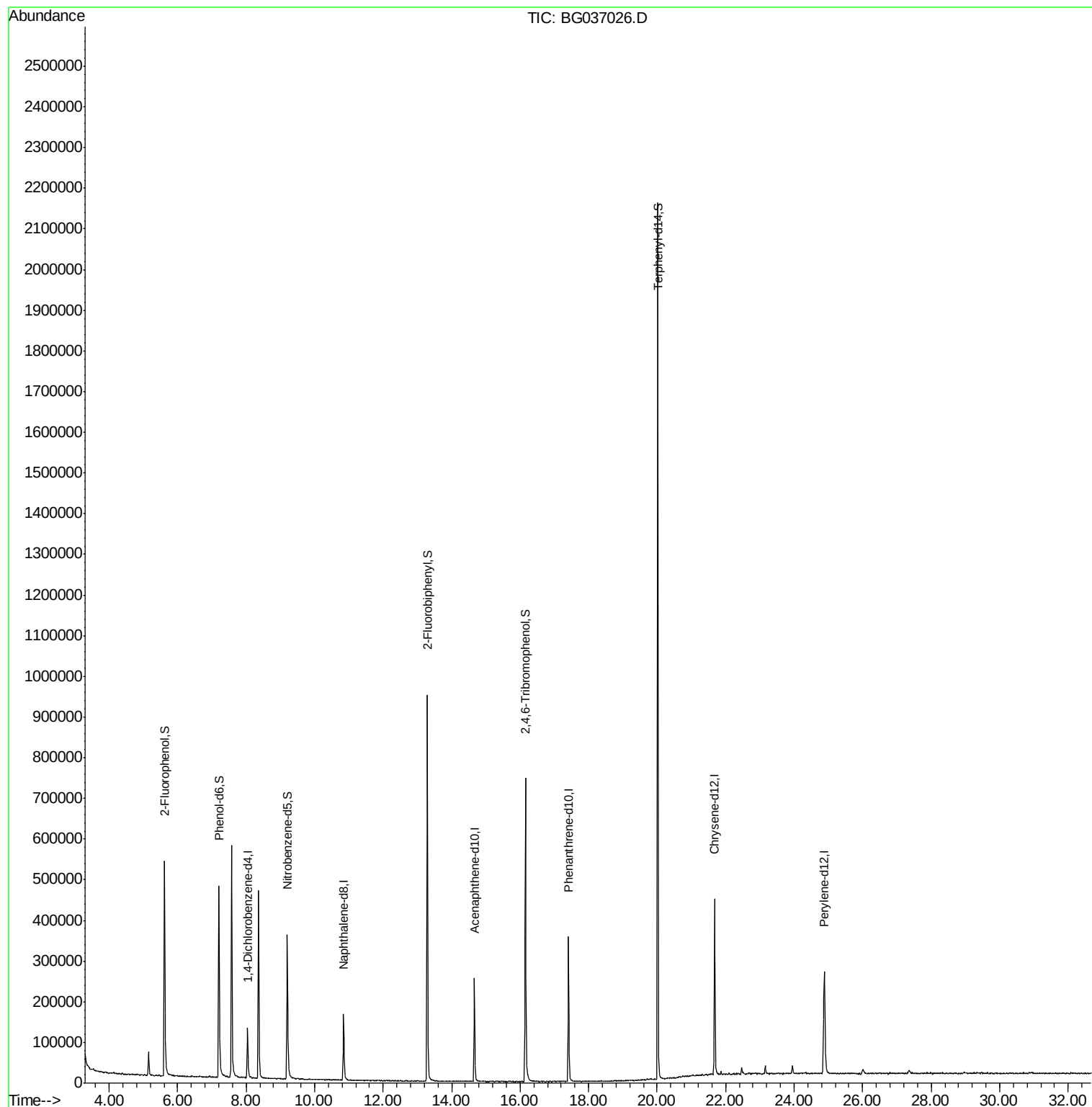
Target Compounds Qvalue

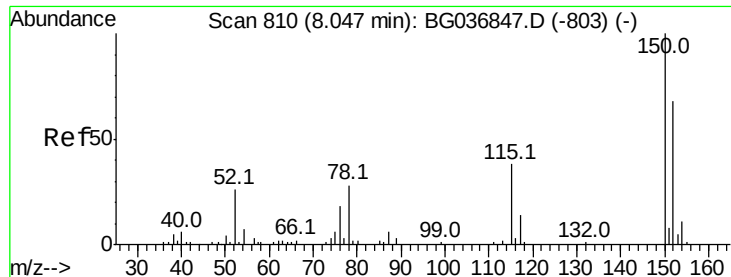
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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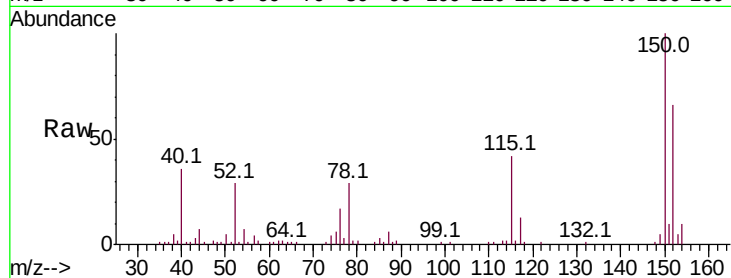


#1

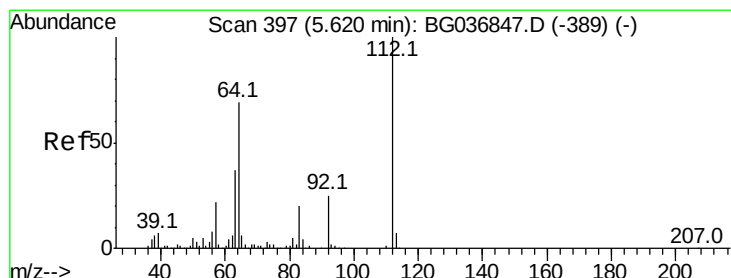
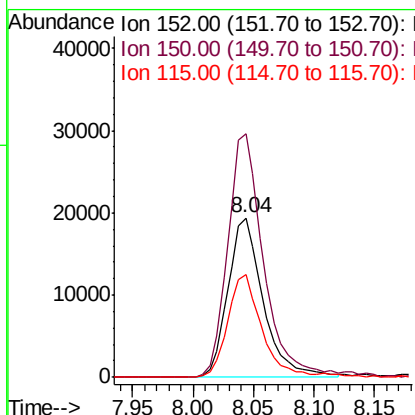
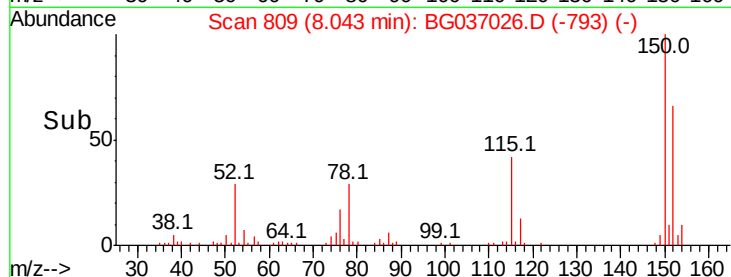
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BG037026.D
 Acq: 27 Sep 2018 22:29

Instrument :
 BNA_G
 ClientSampleId :
 MT-T-5-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	119.5	179.3
115	64.8	44.5	66.7



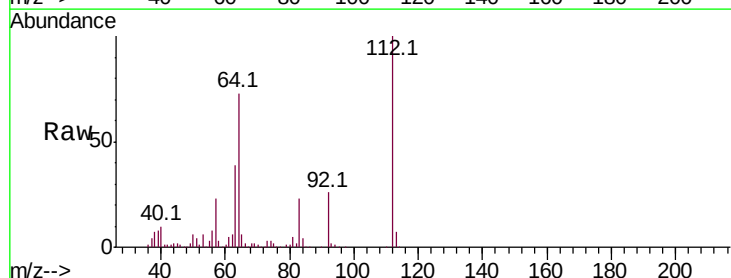
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



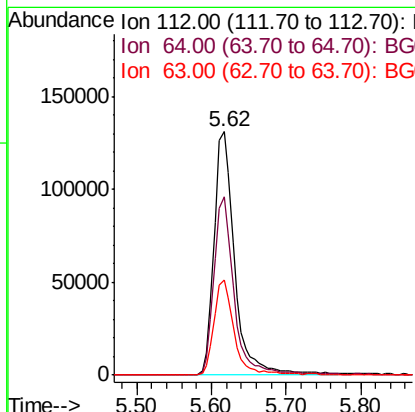
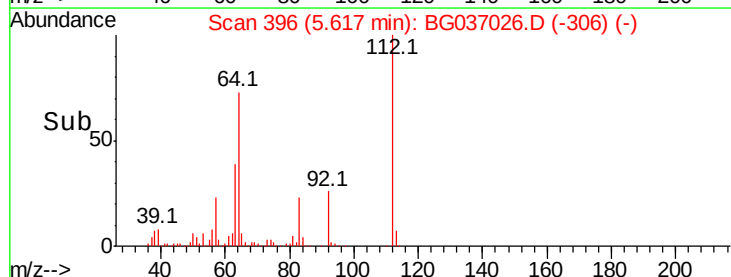
#5

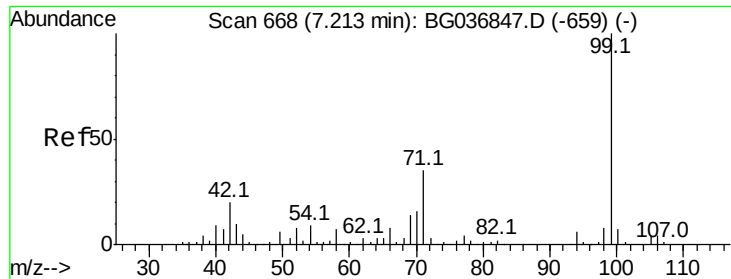
2-Fluorophenol
 Concen: 122.504 ng
 RT: 5.62 min Scan# 396
 Delta R.T. -0.00 min
 Lab File: BG037026.D
 Acq: 27 Sep 2018 22:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.0	57.2	85.8
63	39.1	30.8	46.2



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: 96.526 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037026.D

Acq: 27 Sep 2018 22:29

Instrument :

BNA_G

ClientSampleId :

MT-T-5-2

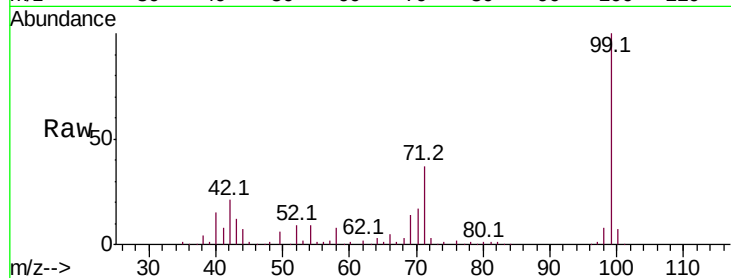
Tot Ion: 99 Resp: 307200

Ion Ratio Lower Upper

99 100

42 21.4 16.5 24.7

71 37.2 29.4 44.2

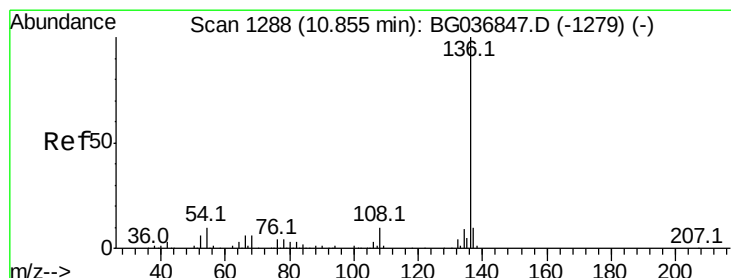
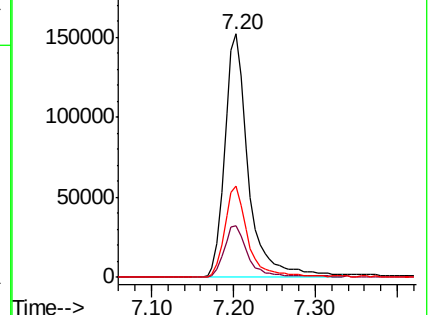
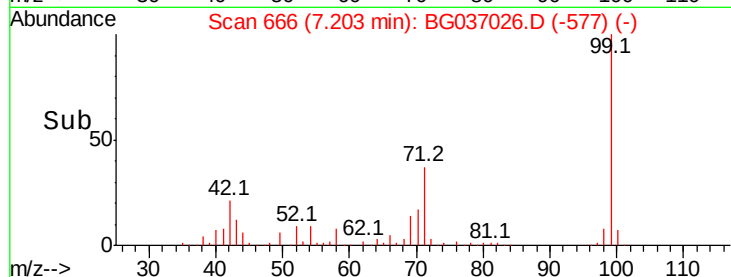


Abundance

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: 10.85 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG037026.D

Acq: 27 Sep 2018 22:29

Tgt Ion: 136 Resp: 157895

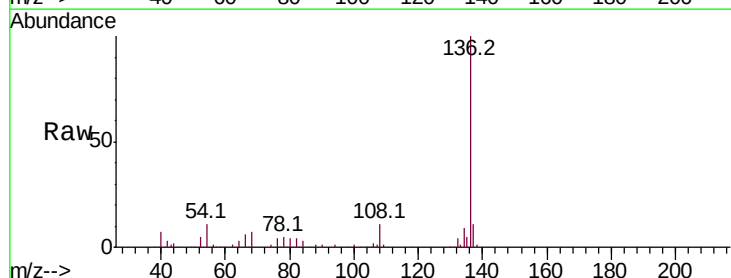
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 10.8 9.2 13.8

68 6.5 5.8 8.6



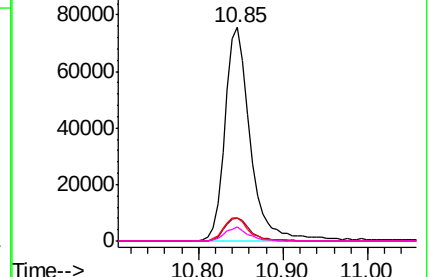
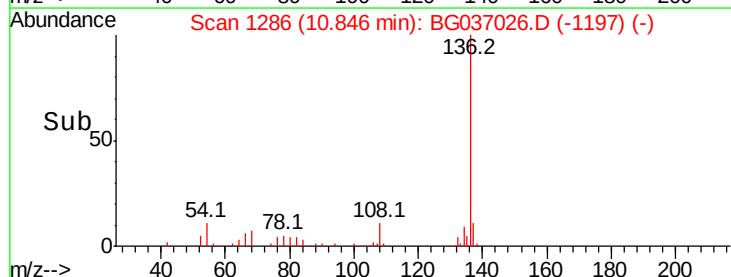
Abundance

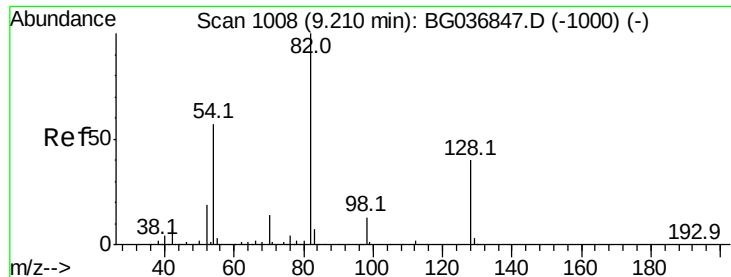
Ion 136.00 (135.70 to 136.70): BGC

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

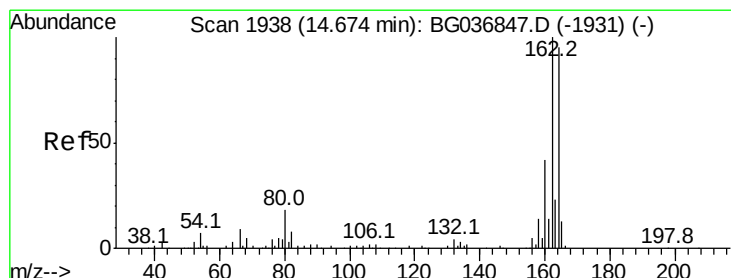
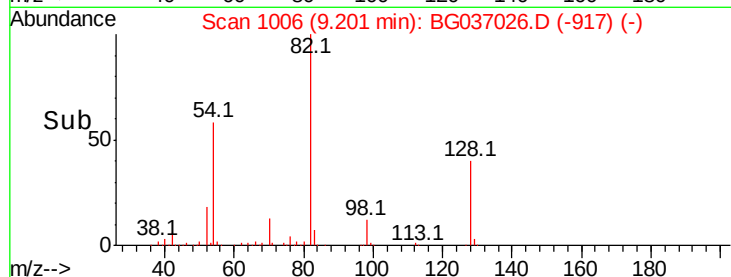
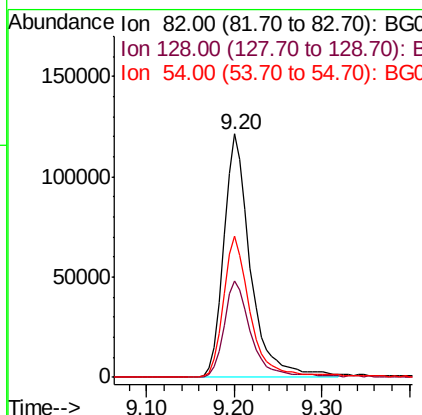
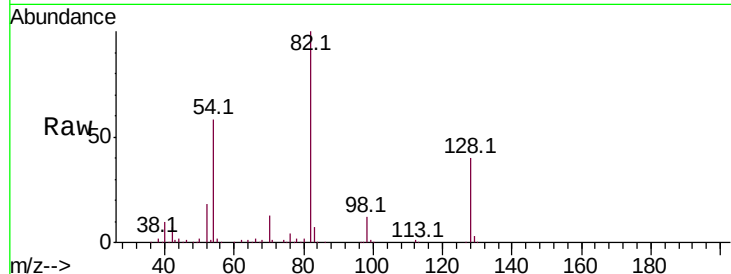




#23
 Nitrobenzene-d5
 Concen: 86.675 ng
 RT: 9.20 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BG037026.D
 Acq: 27 Sep 2018 22:29

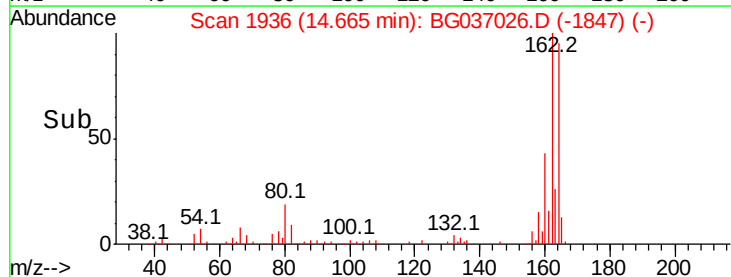
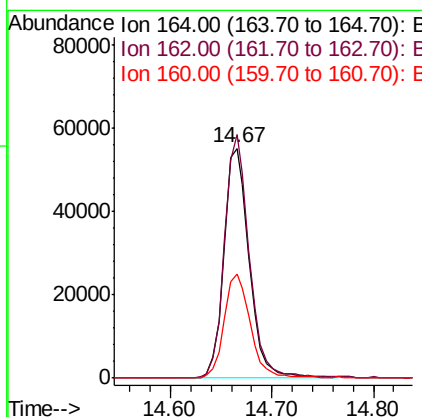
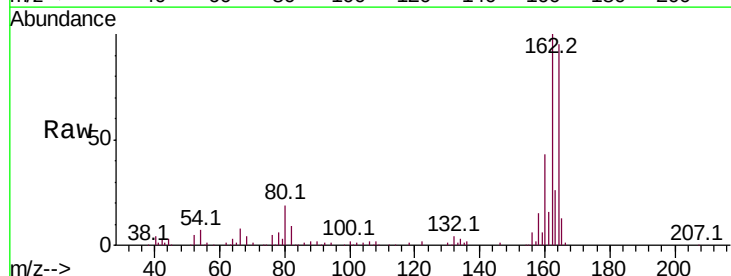
Instrument :
 BNA_G
 ClientSampleId :
 MT-T-5-2

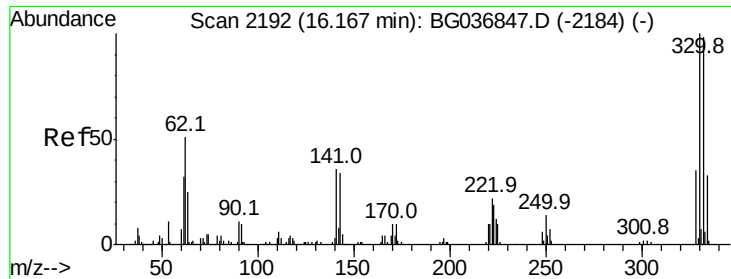
Tot Ion	82	Resp	255562
Ion Ratio	Lower	Upper	
82	100		
128	39.6	33.3	49.9
54	57.9	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BG037026.D
 Acq: 27 Sep 2018 22:29

Tgt Ion	164	Resp	95679
Ion Ratio	Lower	Upper	
164	100		
162	105.8	80.7	121.1
160	45.1	35.3	52.9

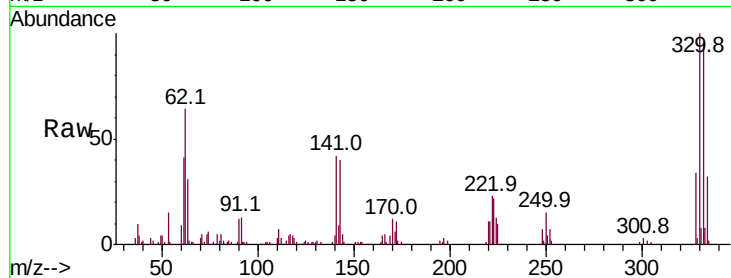




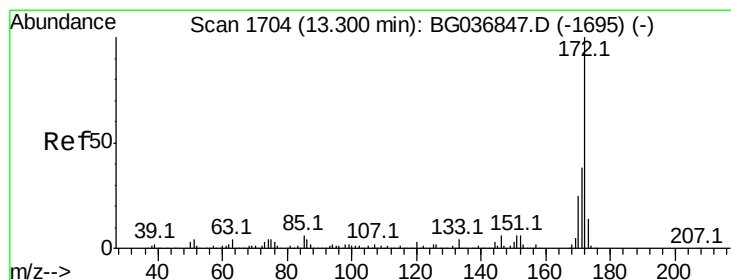
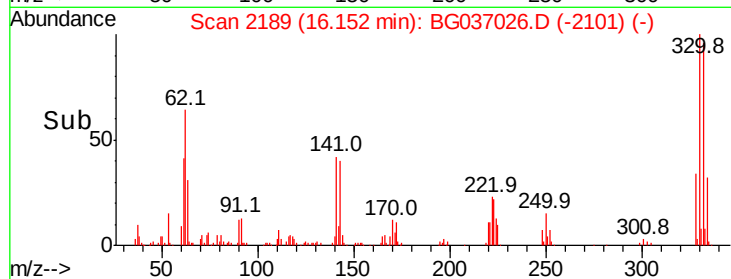
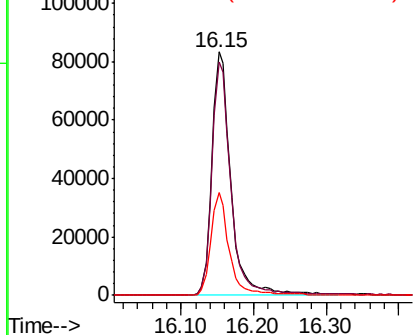
#41
 2,4,6-Tribromophenol
 Concen: 132.895 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.02 min
 Lab File: BG037026.D
 Acq: 27 Sep 2018 22:29

Instrument :
 BNA_G
 ClientSampled :
 MT-T-5-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.4	113.2
141	40.2	30.7	46.1

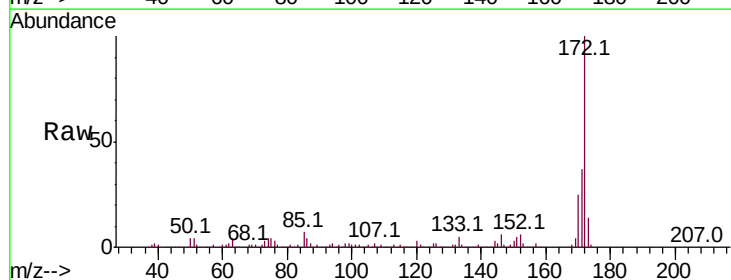


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

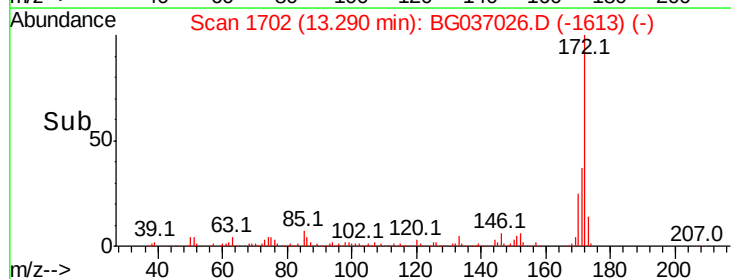
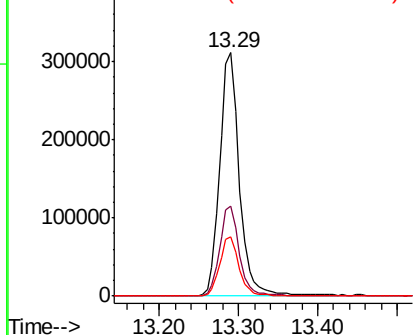


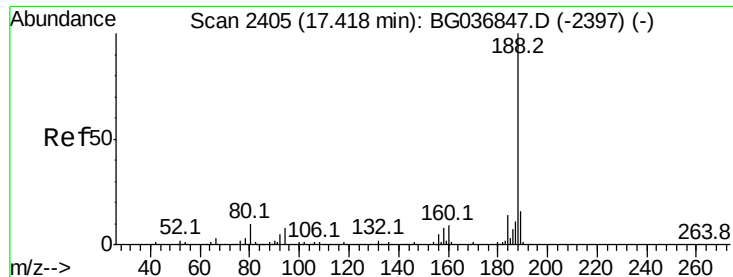
#44
 2-Fluorobiphenyl
 Concen: 83.426 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037026.D
 Acq: 27 Sep 2018 22:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	31.3	46.9
170	24.6	21.0	31.6



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: 17.41 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BG037026.D

Acq: 27 Sep 2018 22:29

Instrument :

BNA_G

ClientSampleId :

MT-T-5-2

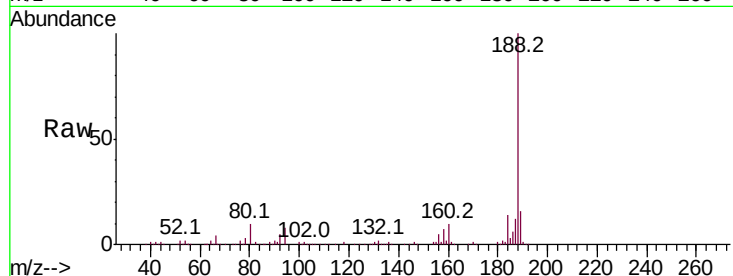
Tot Ion:188 Resp: 253956

Ion Ratio Lower Upper

188 100

94 7.7 6.7 10.1

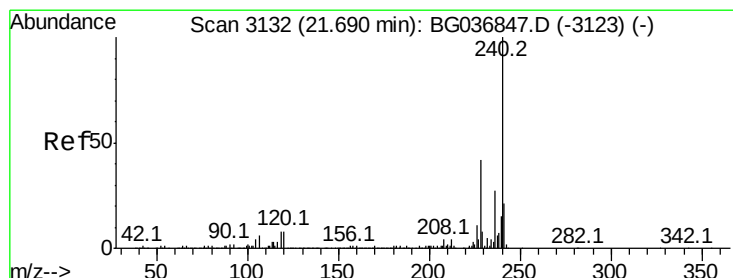
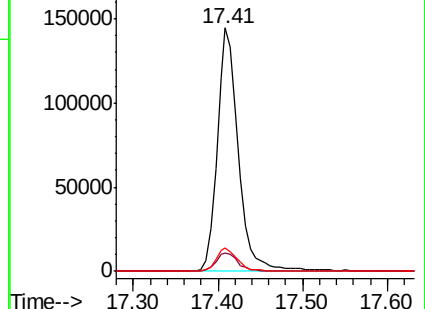
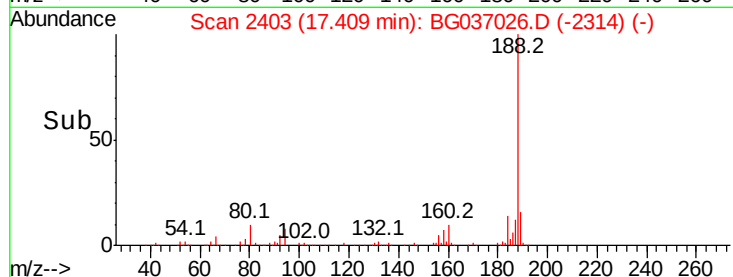
80 9.8 8.1 12.1



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. -0.02 min

Lab File: BG037026.D

Acq: 27 Sep 2018 22:29

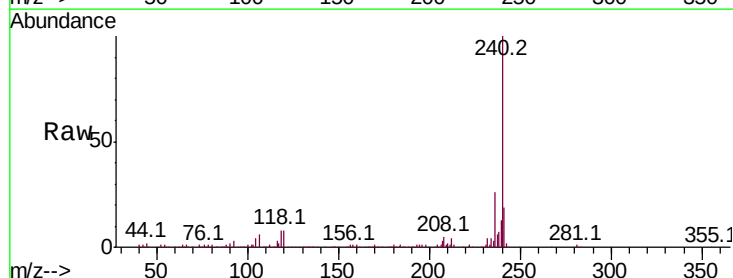
Tgt Ion:240 Resp: 287605

Ion Ratio Lower Upper

240 100

120 8.1 6.9 10.3

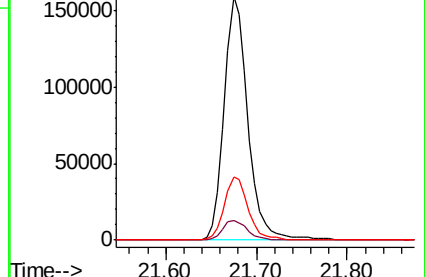
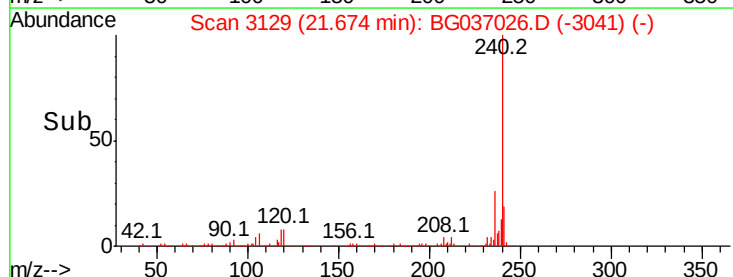
236 25.8 21.2 31.8

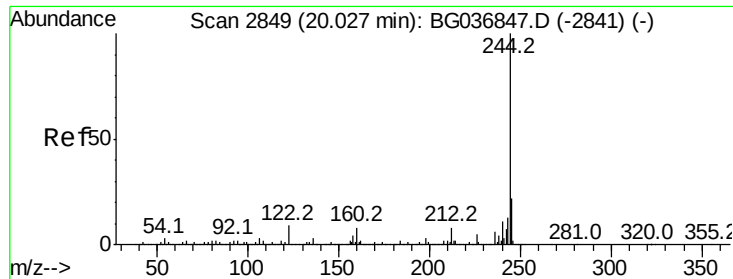


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



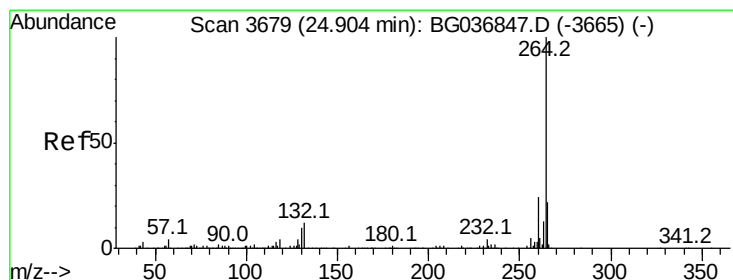
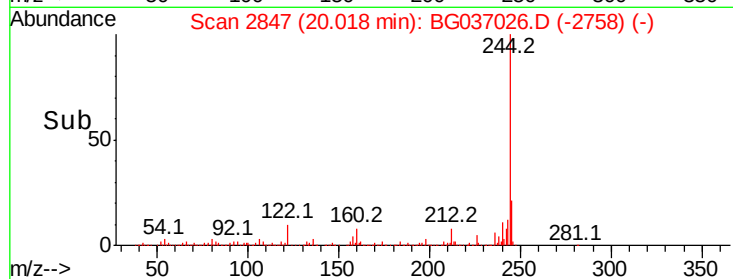
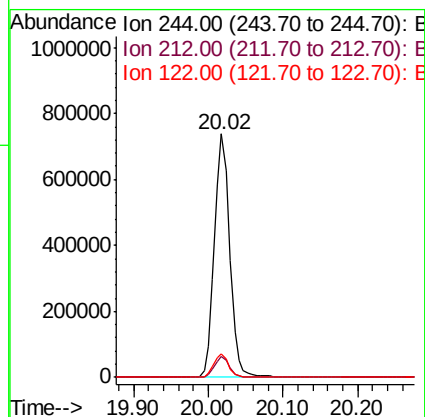
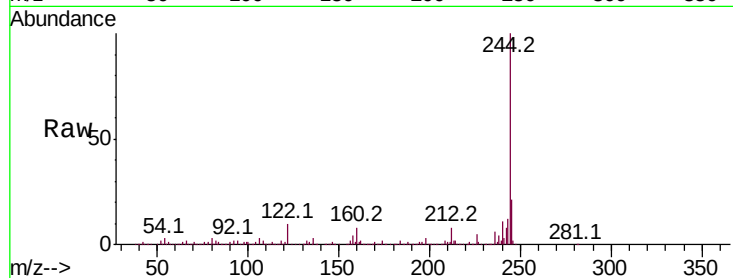


#78
 Terphenyl-d14
 Concen: 96.354 ng
 RT: 20.02 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BG037026.D
 Acq: 27 Sep 2018 22:29

Instrument :
 BNA_G
 ClientSampleId :
 MT-T-5-2

Tot Ion:244 Resp: 1053887

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.6
122	9.5	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3675
 Delta R.T. -0.02 min
 Lab File: BG037026.D
 Acq: 27 Sep 2018 22:29

Tgt Ion:264 Resp: 282104

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.6	29.4
265	20.6	17.4	26.0

