

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100118\
 Data File : BG037082.D
 Acq On : 1 Oct 2018 18:58
 Operator : JU/SJ
 Sample : J4780-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-092818

Quant Time: Oct 02 06:37:14 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	49379	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	198881	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	122773	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	302183	20.00	ng	0.00
75) Chrysene-d12	21.67	240	313517	20.00	ng	-0.01
86) Perylene-d12	24.88	264	310599	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	325023	126.23	ng	0.00
7) Phenol-d6	7.20	99	387963	97.39	ng	-0.01
23) Nitrobenzene-d5	9.20	82	352230	94.84	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	181273	123.41	ng	-0.01
44) 2-Fluorobiphenyl	13.28	172	728512	88.38	ng	-0.01
78) Terphenyl-d14	20.02	244	1210776	101.55	ng	0.00

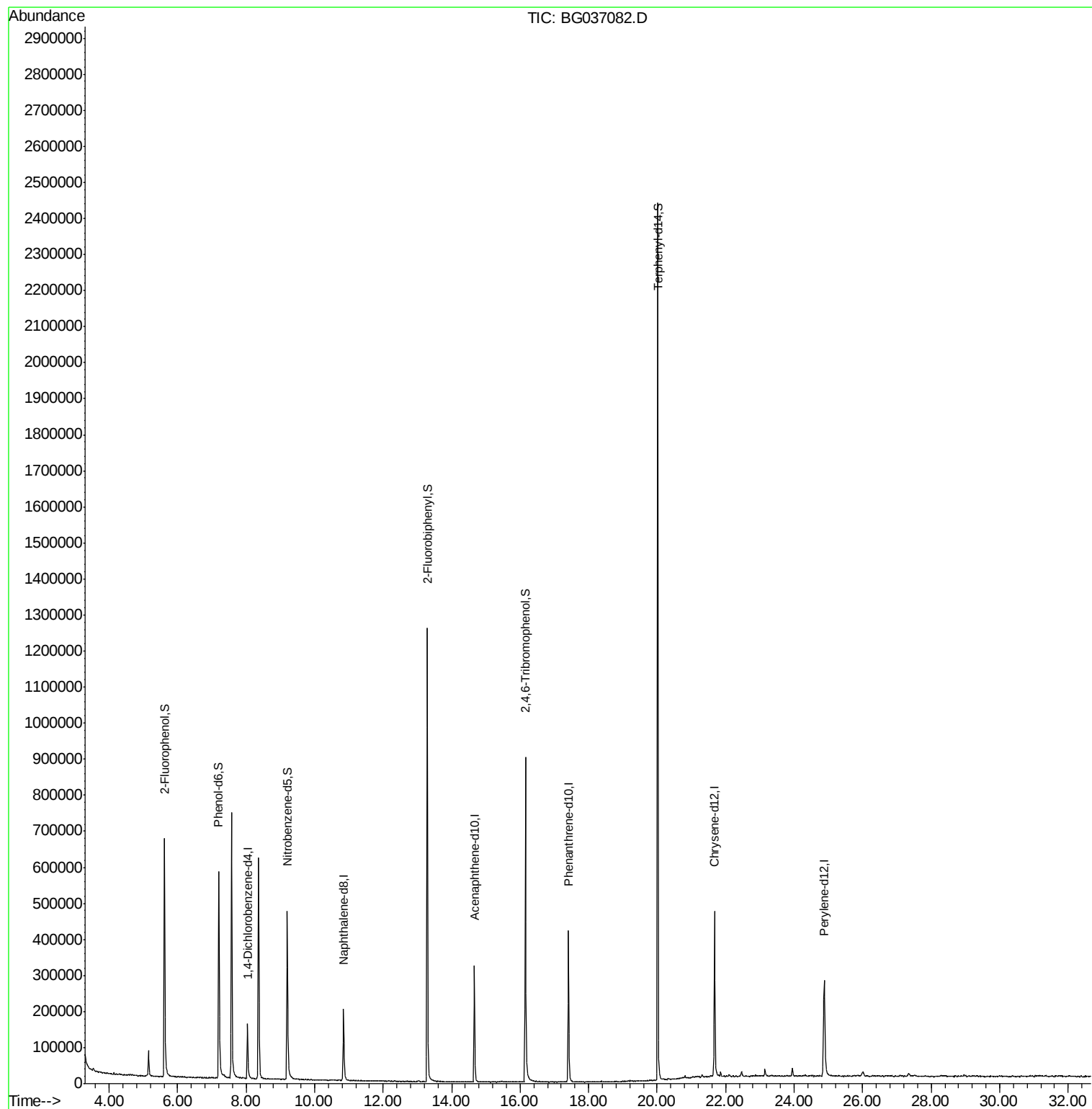
Target Compounds Qvalue

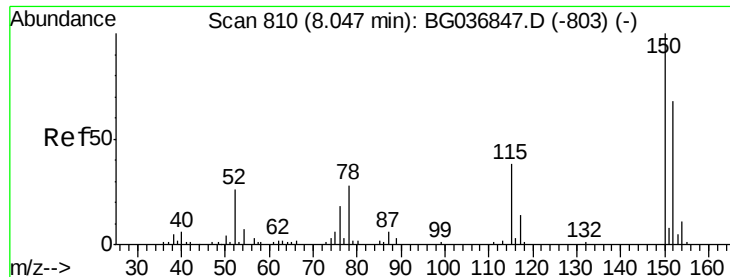
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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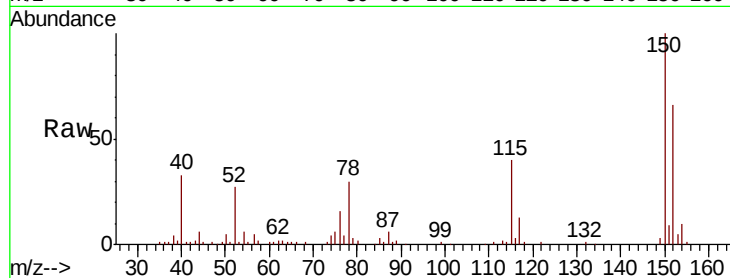


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG037082.D
Acq: 1 Oct 2018 18:58

Instrument :
BNA_G
ClientSampleId :
TR-04-092818

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.6	119.5	179.3
115	60.7	44.5	66.7

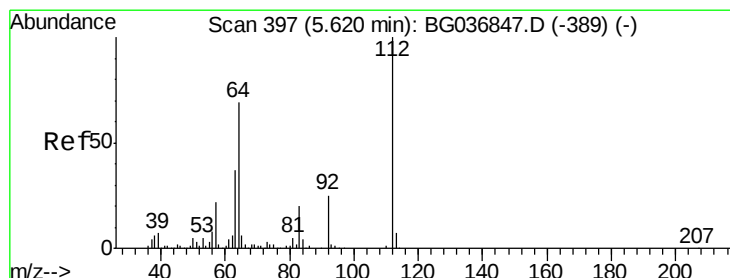
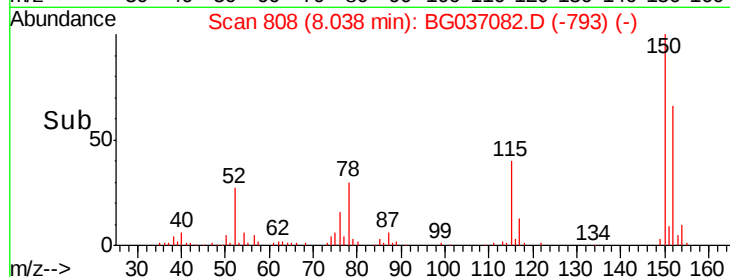
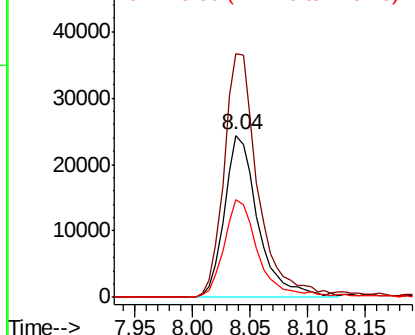


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

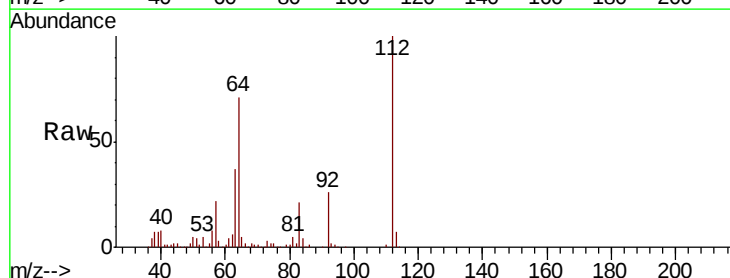
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 126.233 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG037082.D
Acq: 1 Oct 2018 18:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.0	57.2	85.8
63	36.7	30.8	46.2

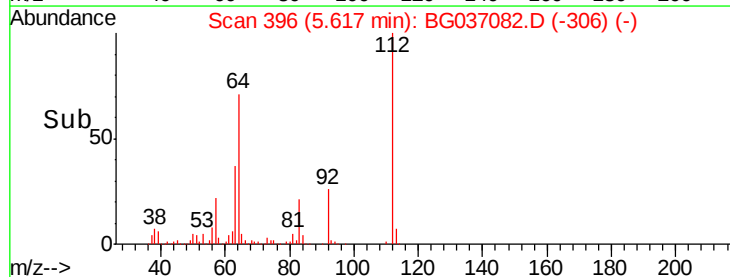
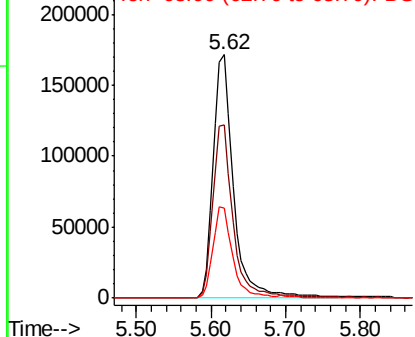


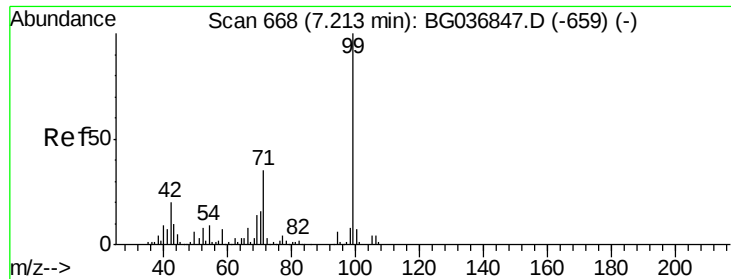
Abundance

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: 97.389 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.01 min

Lab File: BG037082.D

Acq: 1 Oct 2018 18:58

Instrument :

BNA_G

ClientSampleId :

TR-04-092818

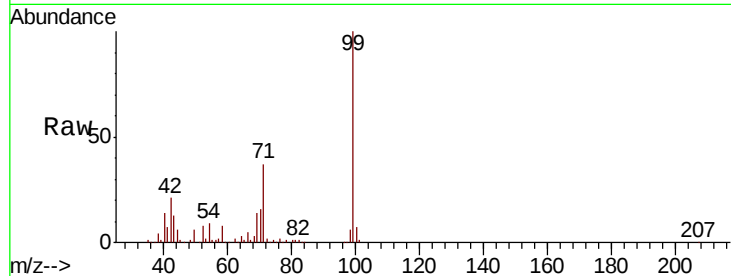
Tot Ion: 99 Resp: 387963

Ion Ratio Lower Upper

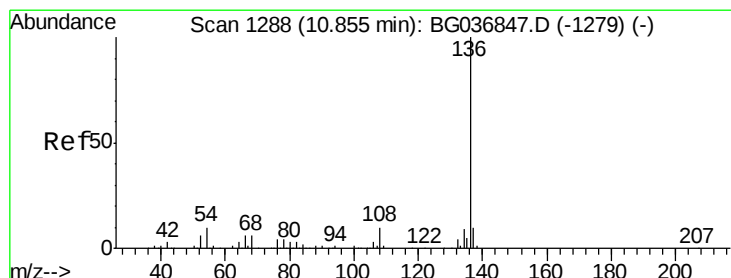
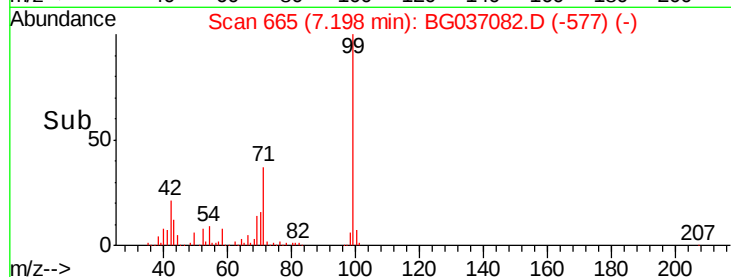
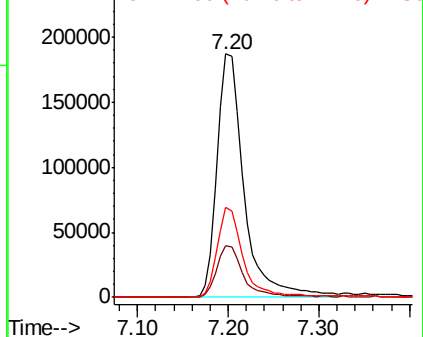
99 100

42 21.0 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: 10.84 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BG037082.D

Acq: 1 Oct 2018 18:58

Tgt Ion: 136 Resp: 198881

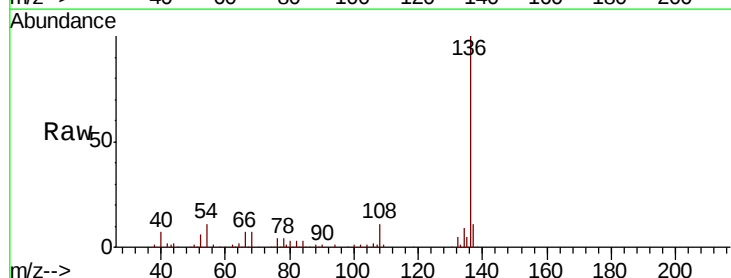
Ion Ratio Lower Upper

136 100

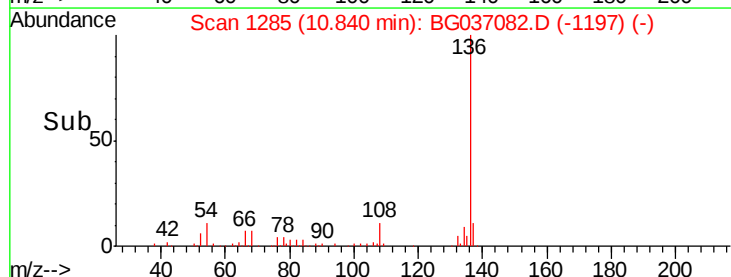
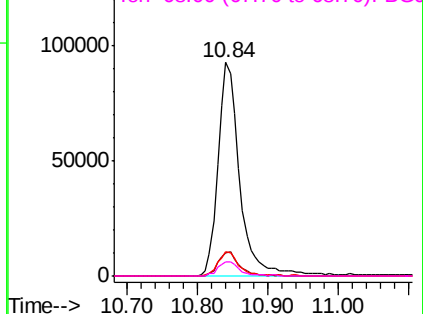
137 10.7 8.8 13.2

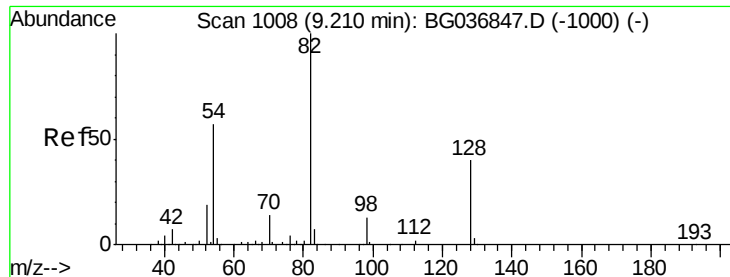
54 11.3 9.2 13.8

68 6.9 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

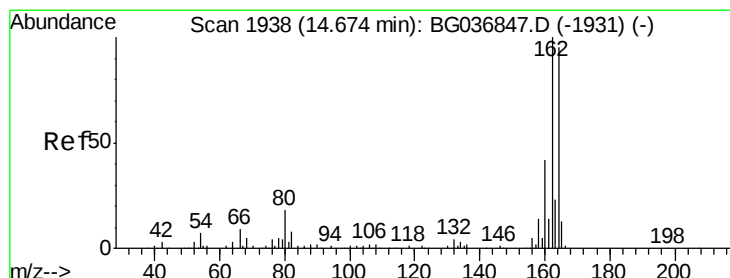
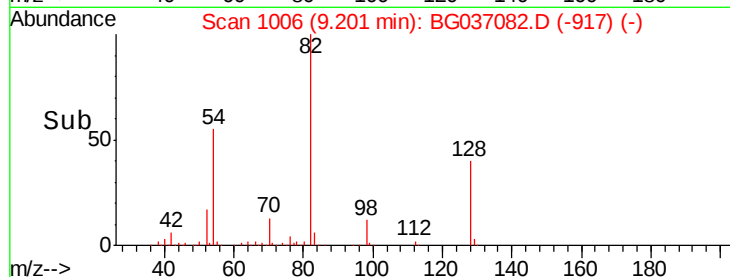
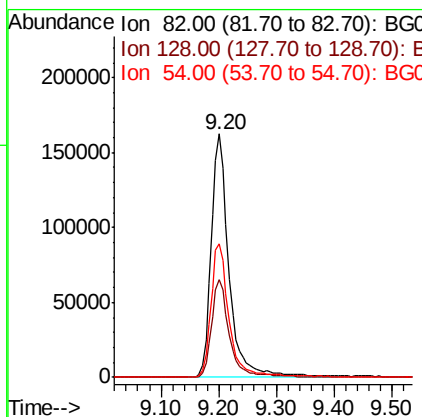
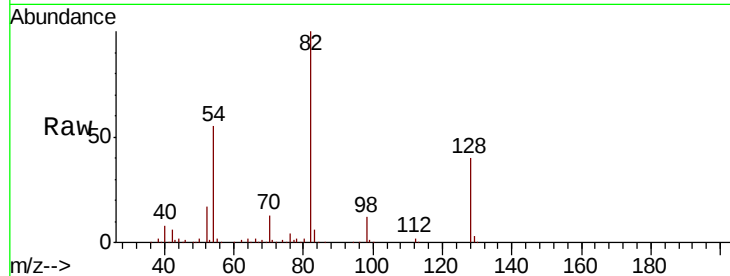




#23
Nitrobenzene-d5
Concen: 94.842 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037082.D
Acq: 1 Oct 2018 18:58

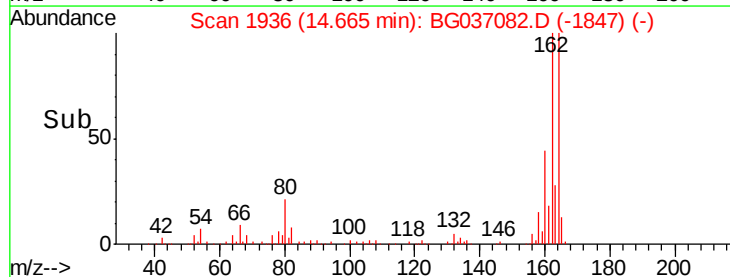
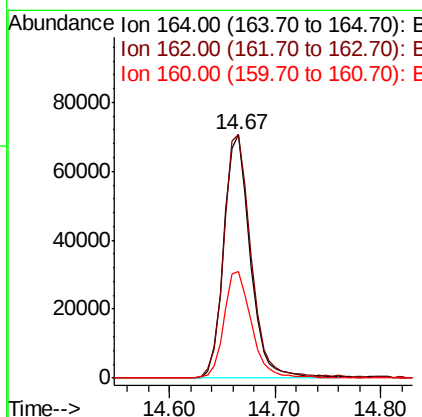
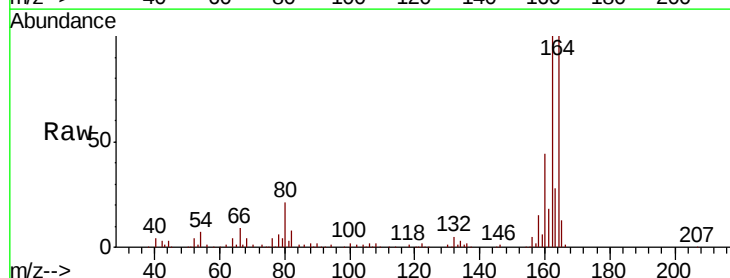
Instrument :
BNA_G
ClientSampleId :
TR-04-092818

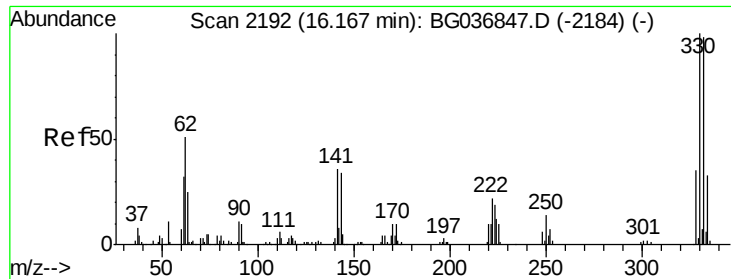
Tot Ion	82	Resp	352230
Ion Ratio	Lower	Upper	
82	100		
128	40.2	33.3	49.9
54	55.0	45.1	67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037082.D
Acq: 1 Oct 2018 18:58

Tgt Ion	164	Resp	122773
Ion Ratio	Lower	Upper	
164	100		
162	100.1	80.7	121.1
160	44.1	35.3	52.9

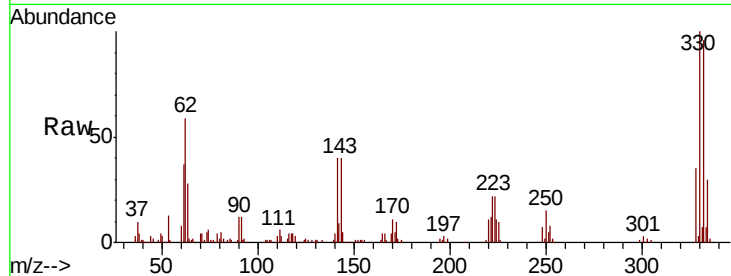




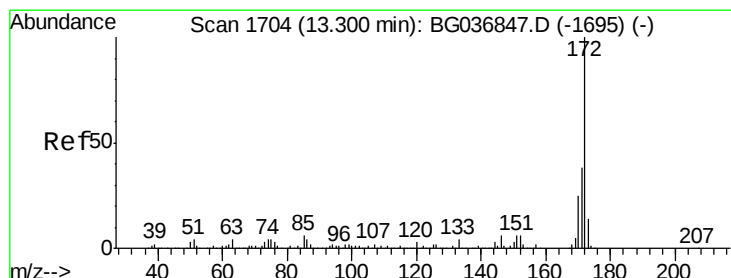
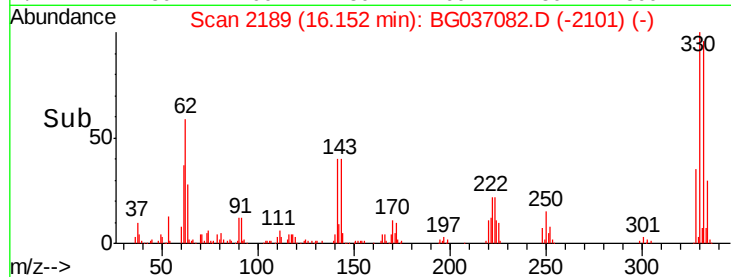
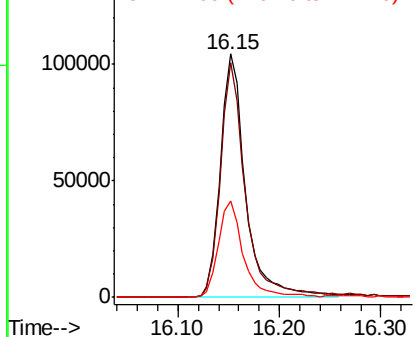
#41
 2,4,6-Tribromophenol
 Concen: 123.407 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.01 min
 Lab File: BG037082.D
 Acq: 1 Oct 2018 18:58

Instrument :
 BNA_G
 ClientSampled :
 TR-04-092818

Tot Ion:330 Resp: 181273
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.4 113.2
 141 39.6 30.7 46.1

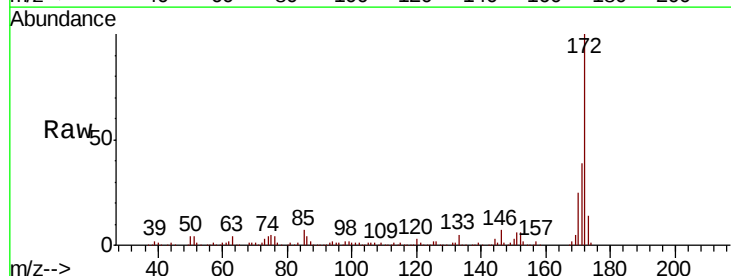


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

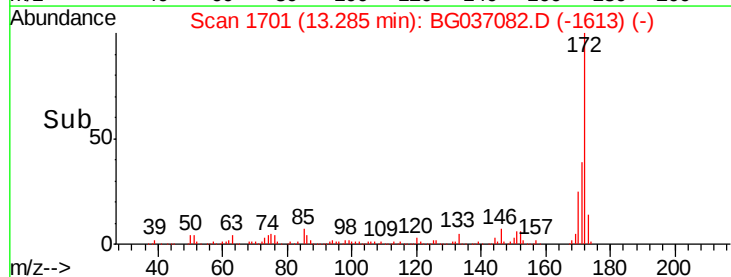
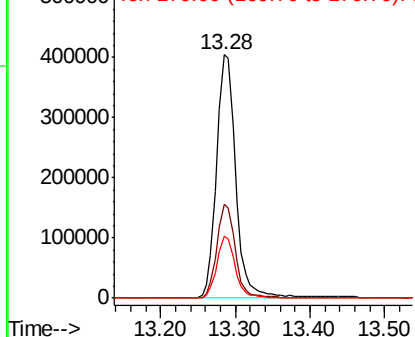


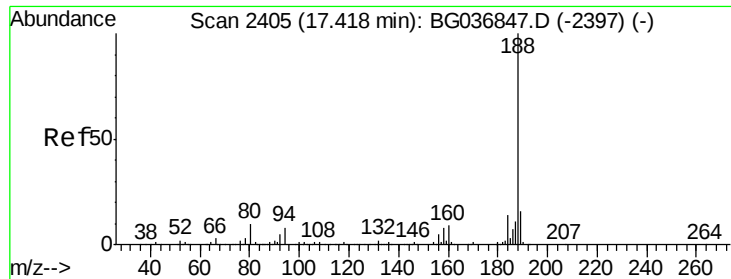
#44
 2-Fluorobiphenyl
 Concen: 88.378 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG037082.D
 Acq: 1 Oct 2018 18:58

Tgt Ion:172 Resp: 728512
 Ion Ratio Lower Upper
 172 100
 171 38.5 31.3 46.9
 170 25.4 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

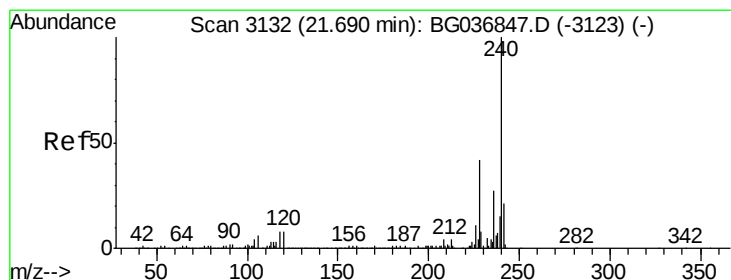
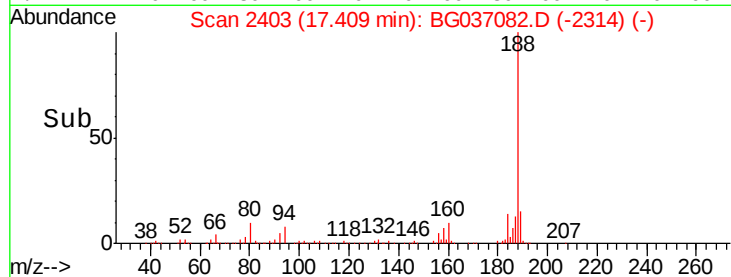
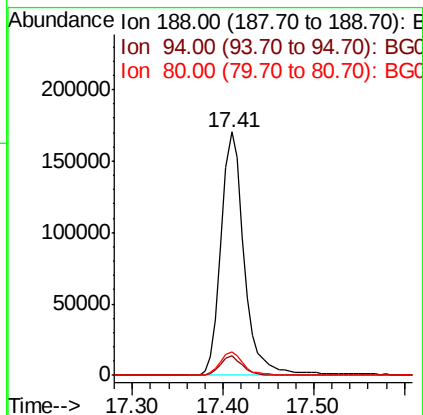
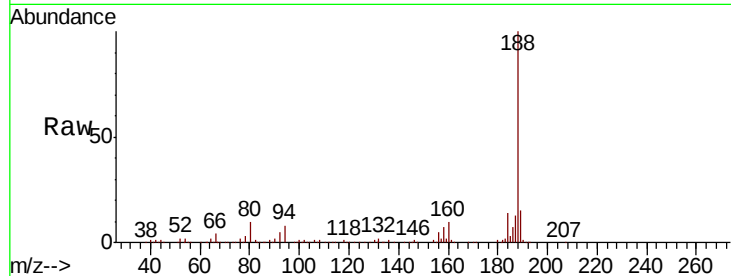




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG037082.D
Acq: 1 Oct 2018 18:58

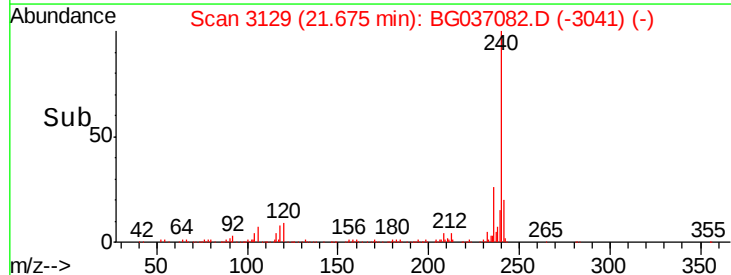
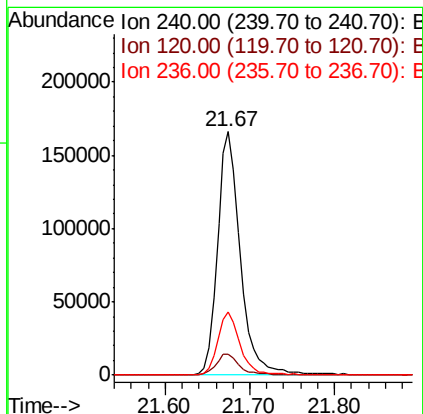
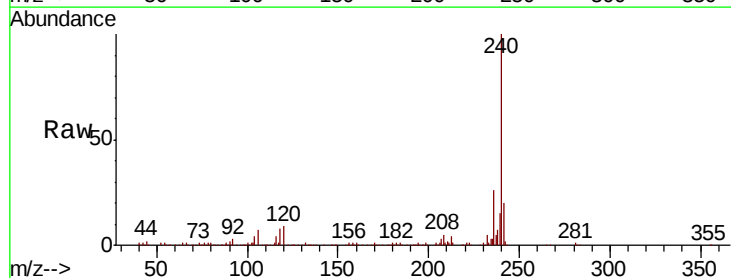
Instrument :
BNA_G
ClientSampleId :
TR-04-092818

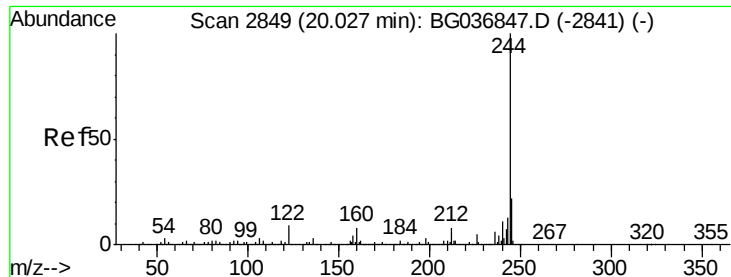
Tot Ion:188 Resp: 302183
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 9.8 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.01 min
Lab File: BG037082.D
Acq: 1 Oct 2018 18:58

Tgt Ion:240 Resp: 313517
Ion Ratio Lower Upper
240 100
120 8.5 6.9 10.3
236 26.2 21.2 31.8





#78

Terphenyl-d14

Concen: 101.549 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037082.D

Acq: 1 Oct 2018 18:58

Instrument :

BNA_G

ClientSampleId :

TR-04-092818

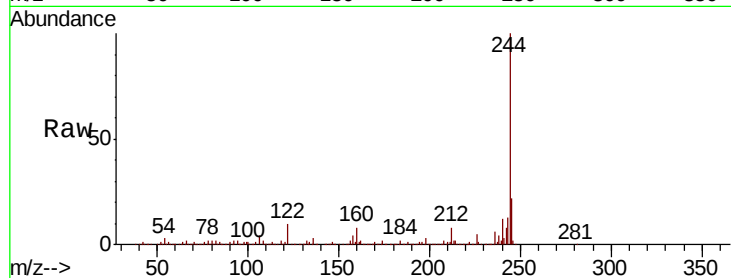
Tot Ion:244 Resp: 1210776

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

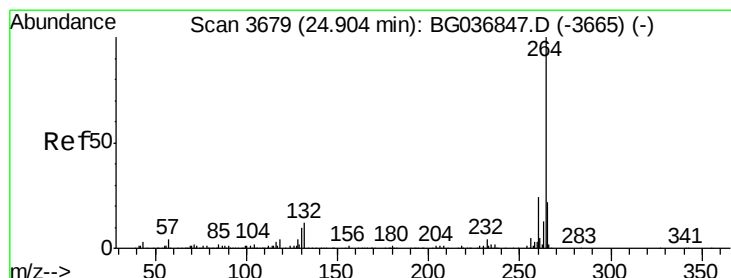
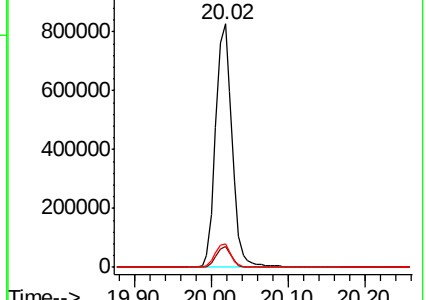
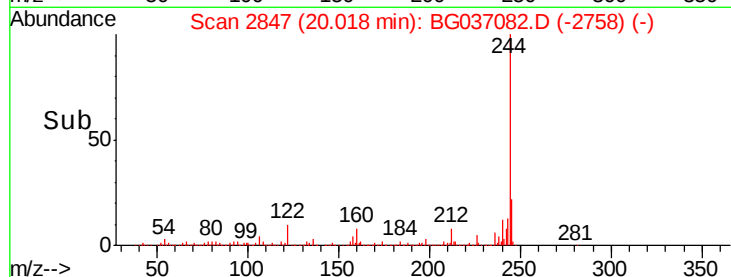
122 9.5 7.1 10.7



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: 24.88 min Scan# 3674

Delta R.T. -0.03 min

Lab File: BG037082.D

Acq: 1 Oct 2018 18:58

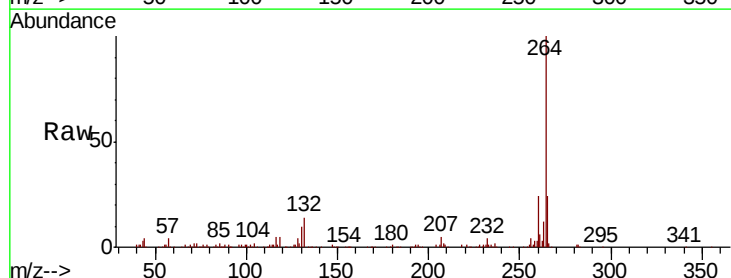
Tgt Ion:264 Resp: 310599

Ion Ratio Lower Upper

264 100

260 23.5 19.6 29.4

265 23.5 17.4 26.0



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

