

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100418\
 Data File : BG037151.D
 Acq On : 4 Oct 2018 8:11
 Operator : JU/SJ
 Sample : J5192-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-100218-B

Quant Time: Oct 04 09:24:57 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	51859	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	204969	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	119282	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	275267	20.00	ng	-0.01
75) Chrysene-d12	21.67	240	299135	20.00	ng	-0.02
86) Perylene-d12	24.88	264	286008	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	327329	121.05	ng	0.00
7) Phenol-d6	7.20	99	382609	91.45	ng	-0.01
23) Nitrobenzene-d5	9.20	82	339205	88.62	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	144951	101.57	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	642502	80.22	ng	-0.02
78) Terphenyl-d14	20.02	244	1053555	92.61	ng	-0.01

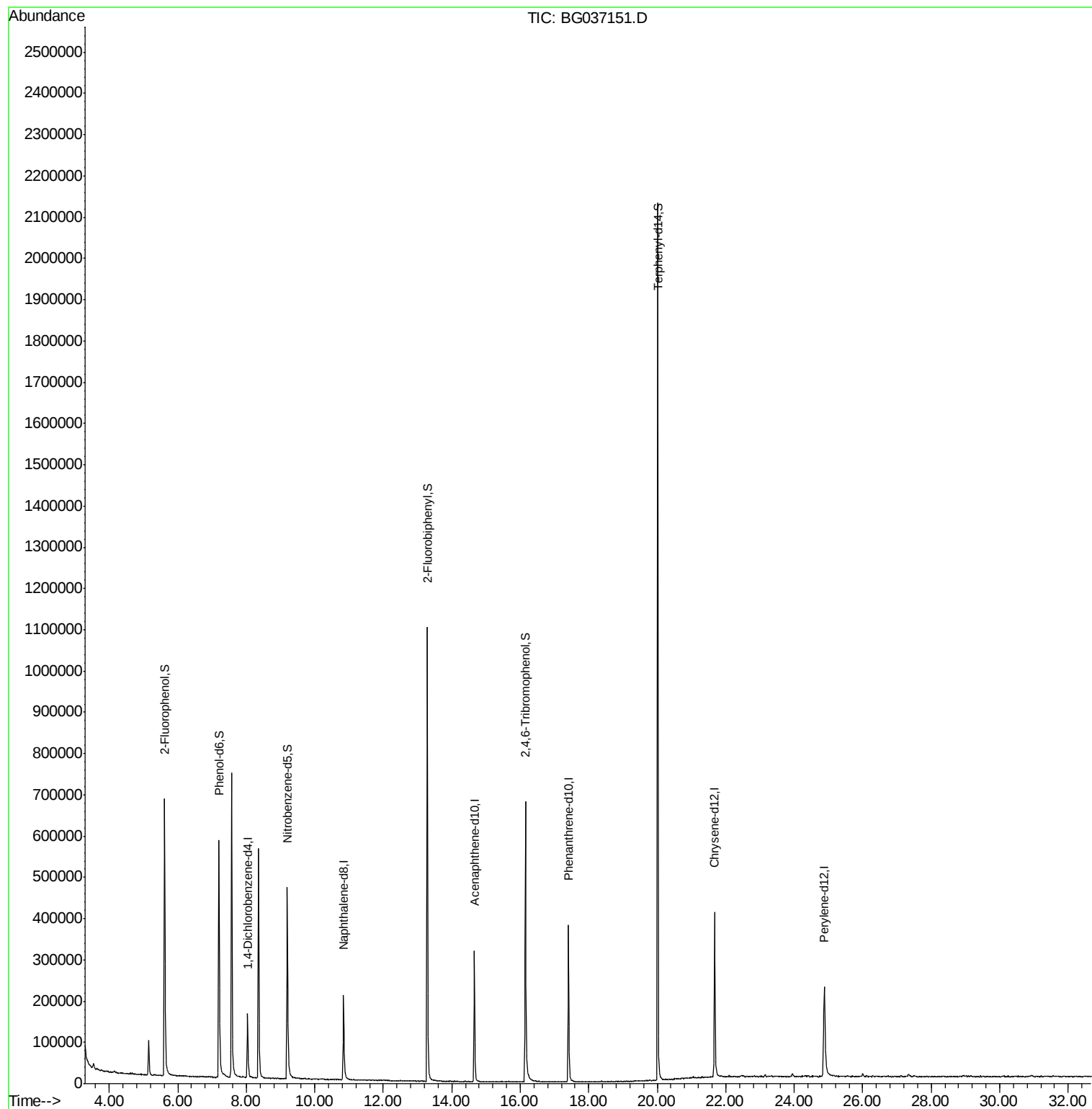
Target Compounds Qvalue

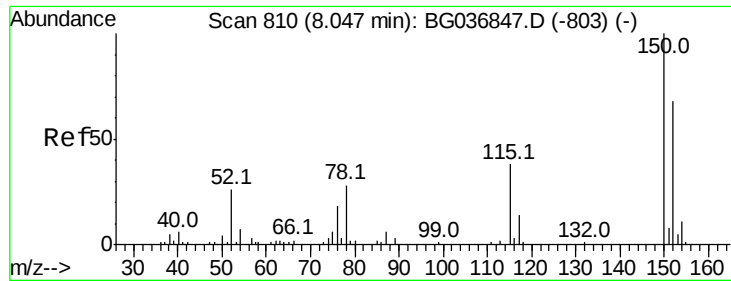
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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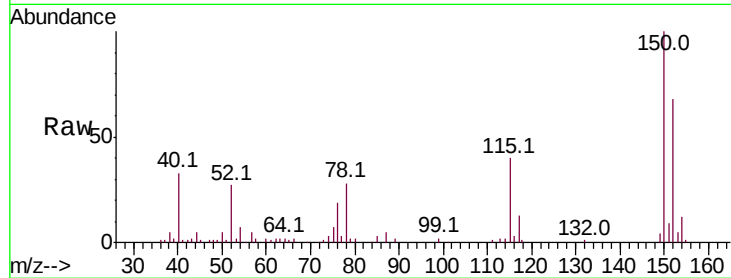


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG037151.D
Acq: 4 Oct 2018 8:11

Instrument :
BNA_G
ClientSampleId :
AU-05-100218-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.0	119.5	179.3
115	59.2	44.5	66.7

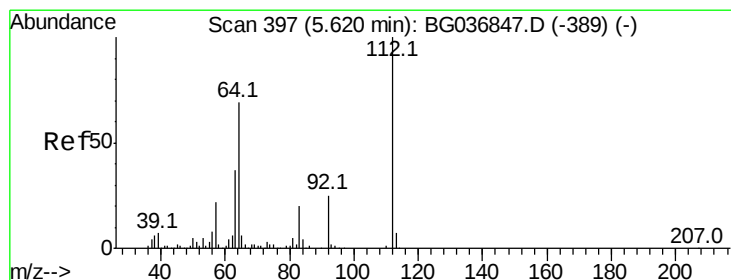
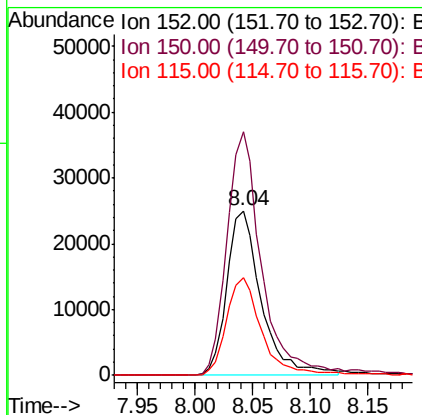
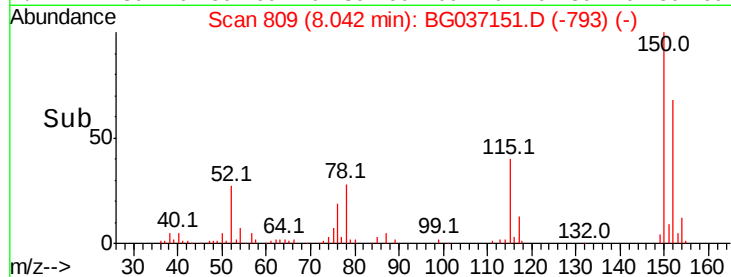


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

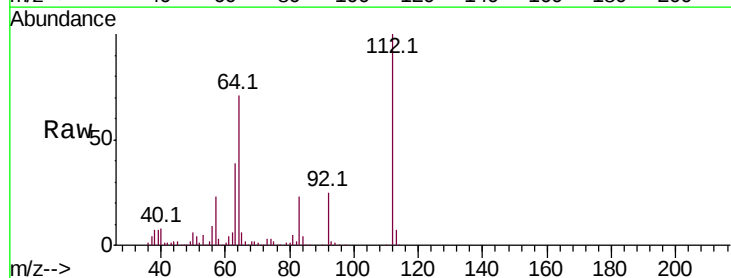
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 121.049 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG037151.D
Acq: 4 Oct 2018 8:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.4	57.2	85.8
63	39.0	30.8	46.2

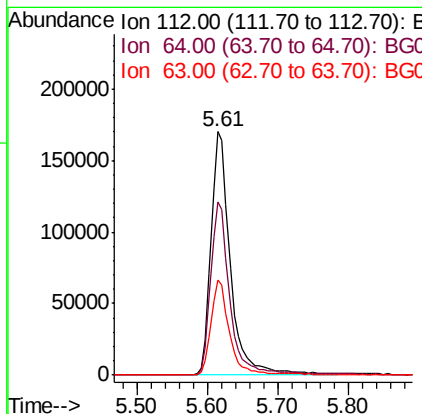
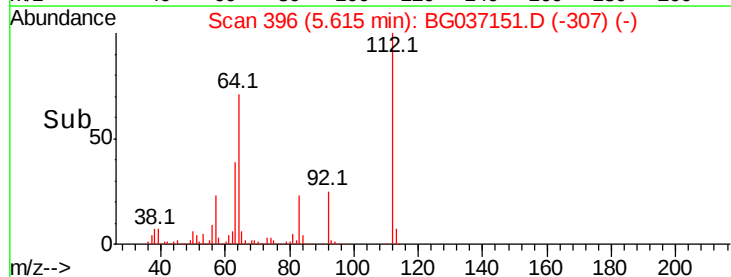


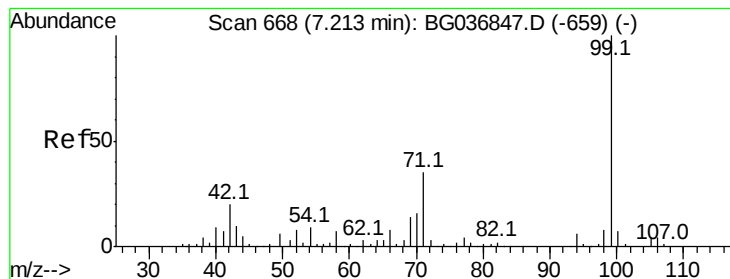
Abundance

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: 91.452 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037151.D

Acq: 4 Oct 2018 8:11

Instrument :

BNA_G

ClientSampleId :

AU-05-100218-B

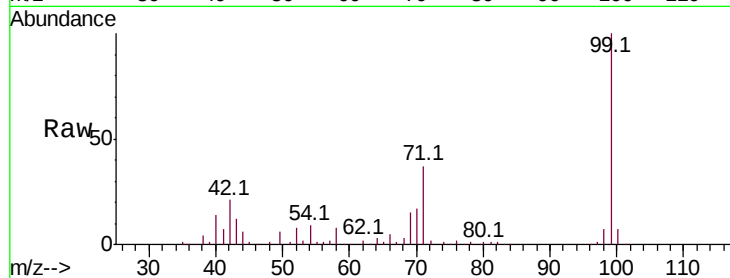
Tot Ion: 99 Resp: 382609

Ion Ratio Lower Upper

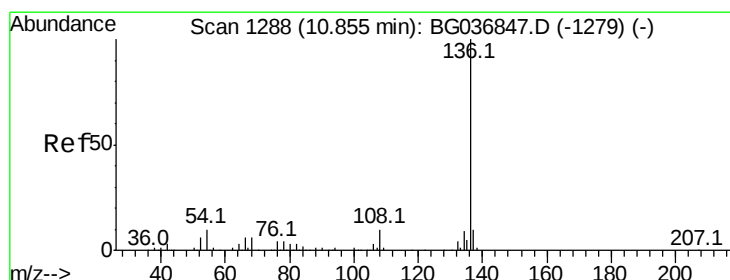
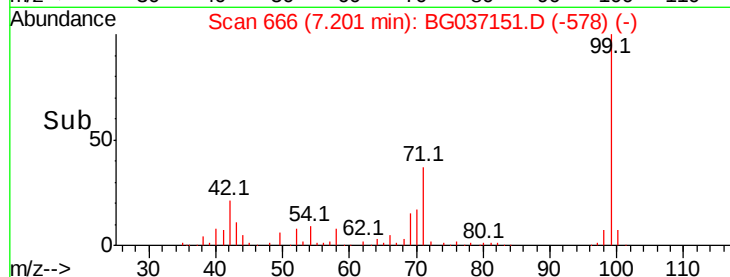
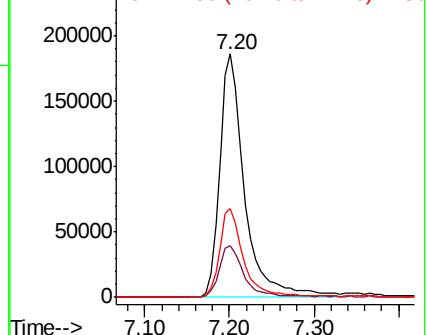
99 100

42 21.3 16.5 24.7

71 36.7 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. -0.02 min

Lab File: BG037151.D

Acq: 4 Oct 2018 8:11

Tgt Ion: 136 Resp: 204969

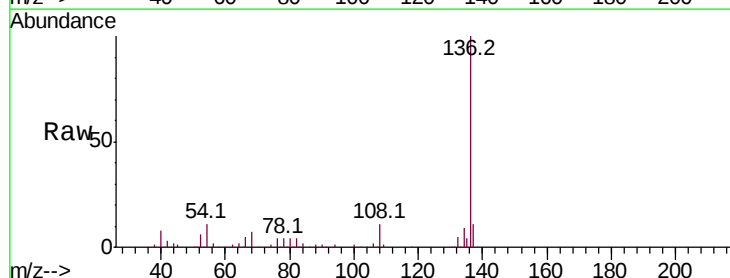
Ion Ratio Lower Upper

136 100

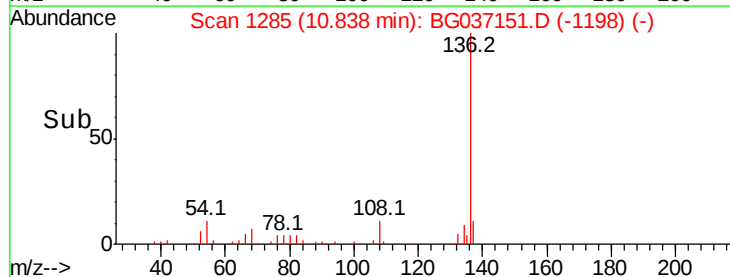
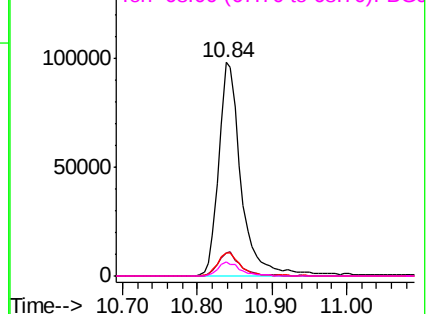
137 10.5 8.8 13.2

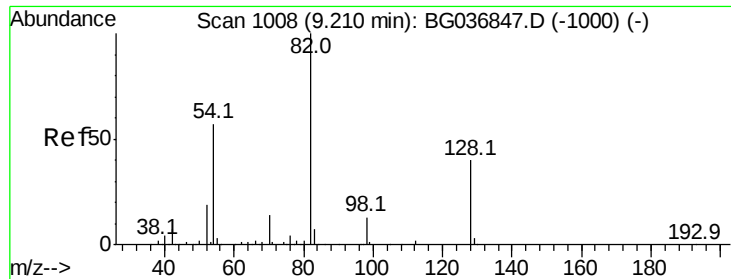
54 11.1 9.2 13.8

68 6.8 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

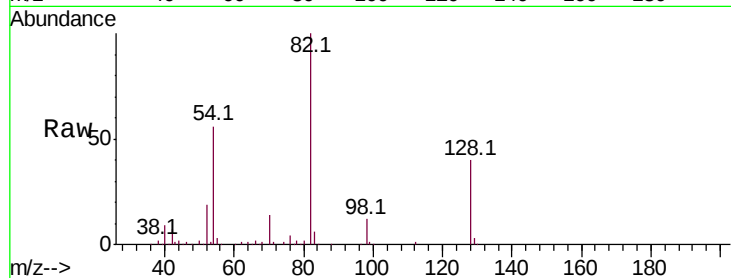




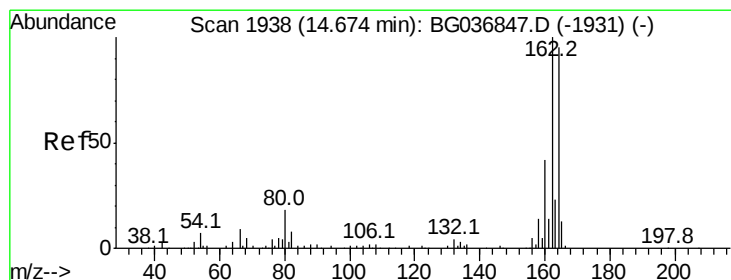
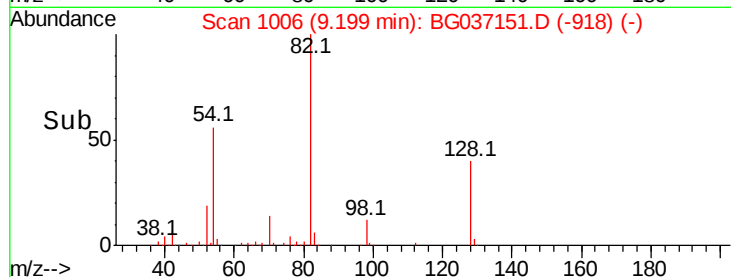
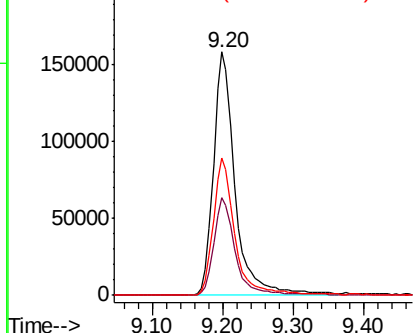
#23
Nitrobenzene-d5
Concen: 88.622 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037151.D
Acq: 4 Oct 2018 8:11

Instrument :
BNA_G
ClientSampleId :
AU-05-100218-B

Tot Ion	82	Resp	339205
Ion Ratio	Lower	Upper	
82	100		
128	39.9	33.3	49.9
54	56.2	45.1	67.7

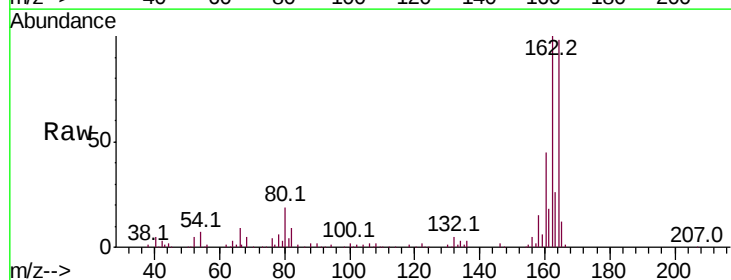


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

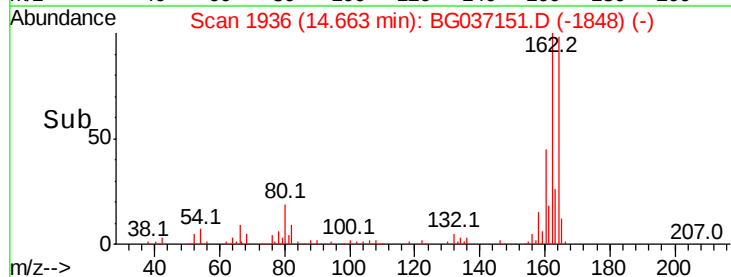
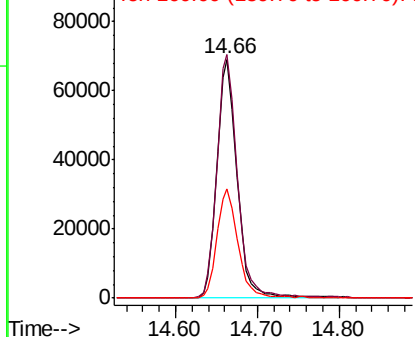


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037151.D
Acq: 4 Oct 2018 8:11

Tgt Ion	164	Resp	119282
Ion Ratio	Lower	Upper	
164	100		
162	102.0	80.7	121.1
160	45.7	35.3	52.9



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

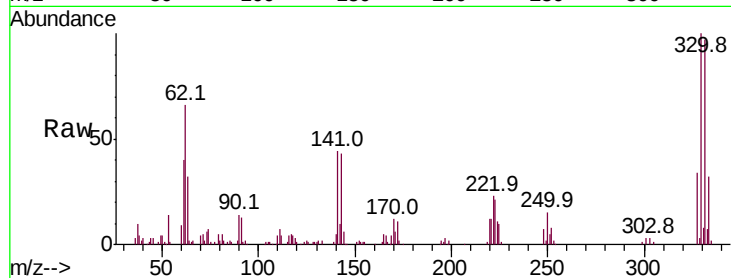




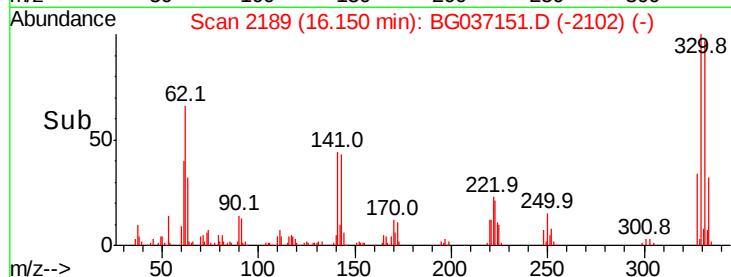
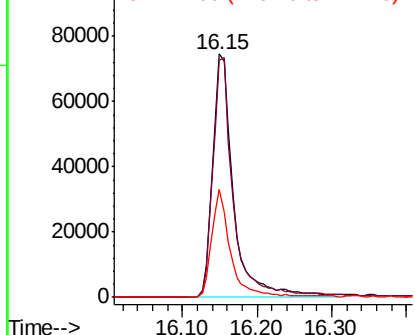
#41
 2,4,6-Tribromophenol
 Concen: 101.568 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.02 min
 Lab File: BG037151.D
 Acq: 4 Oct 2018 8:11

Instrument :
 BNA_G
 ClientSampleID :
 AU-05-100218-B

Tot Ion:330 Resp: 144951
 Ion Ratio Lower Upper
 330 100
 332 95.1 75.4 113.2
 141 40.1 30.7 46.1

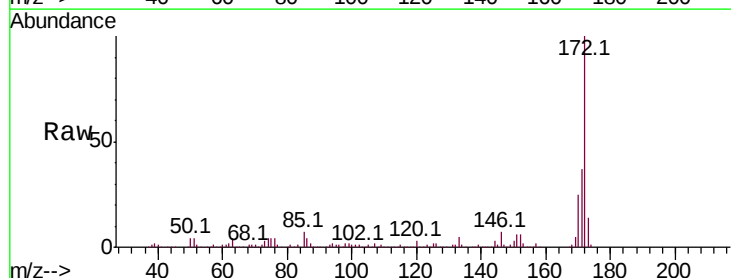


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

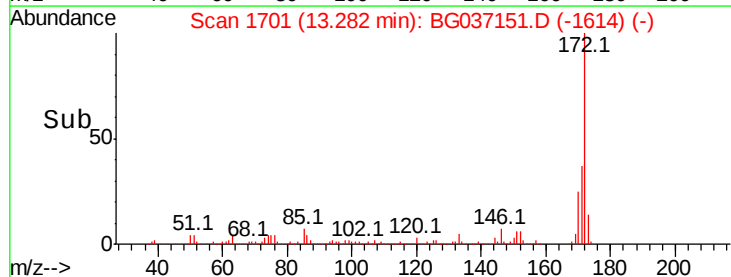
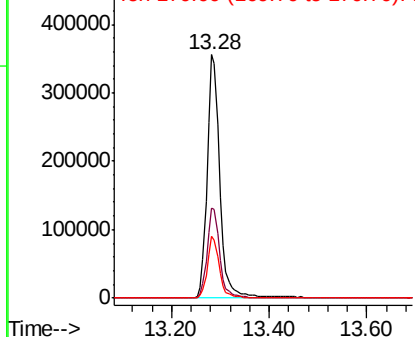


#44
 2-Fluorobiphenyl
 Concen: 80.225 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG037151.D
 Acq: 4 Oct 2018 8:11

Tgt Ion:172 Resp: 642502
 Ion Ratio Lower Upper
 172 100
 171 37.0 31.3 46.9
 170 25.3 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

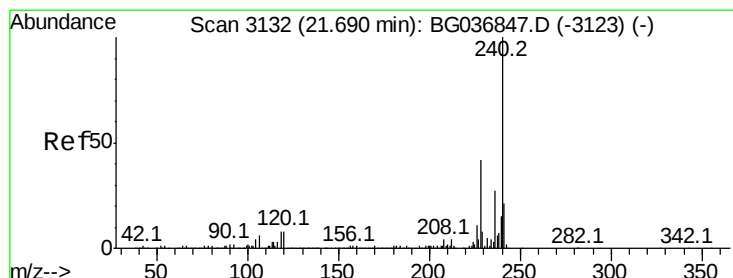
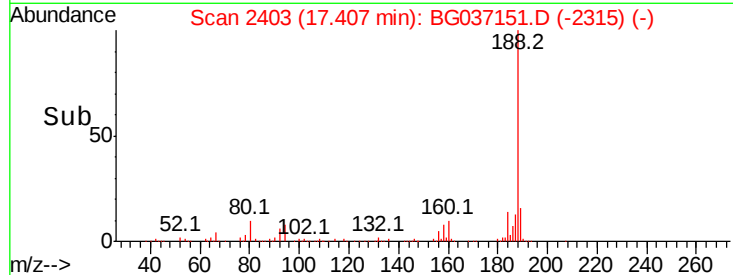
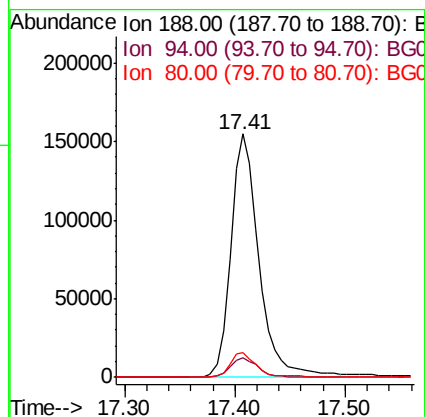
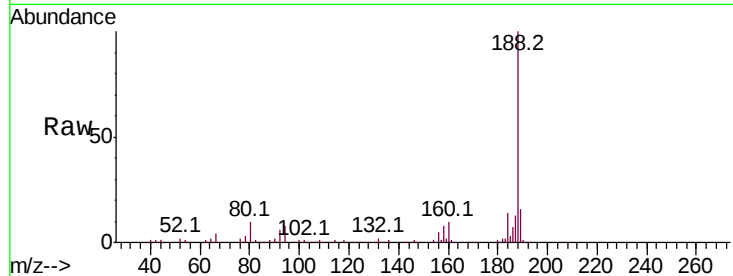




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG037151.D
Acq: 4 Oct 2018 8:11

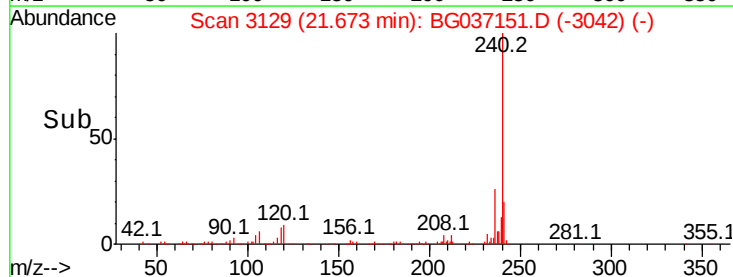
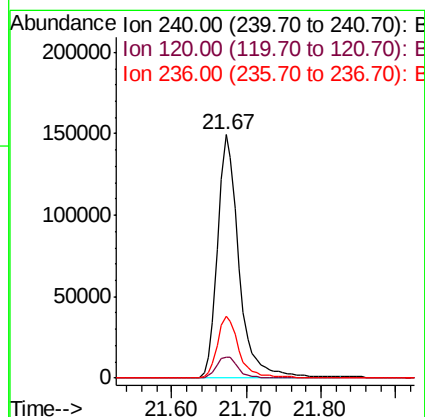
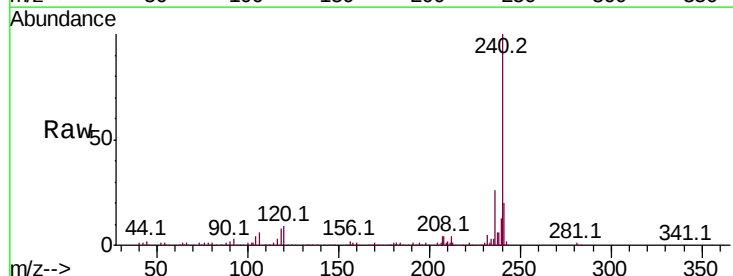
Instrument :
BNA_G
ClientSampleId :
AU-05-100218-B

Tot Ion:188 Resp: 275267
Ion Ratio Lower Upper
188 100
94 7.8 6.7 10.1
80 10.2 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG037151.D
Acq: 4 Oct 2018 8:11

Tgt Ion:240 Resp: 299135
Ion Ratio Lower Upper
240 100
120 8.7 6.9 10.3
236 25.6 21.2 31.8



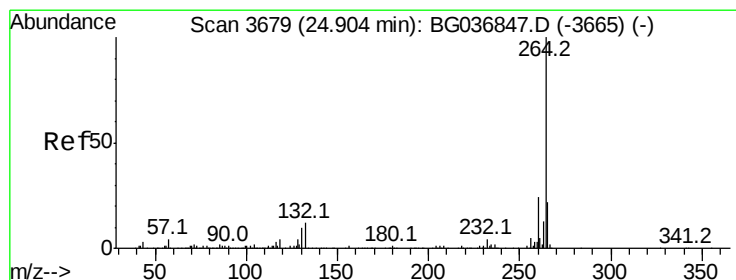
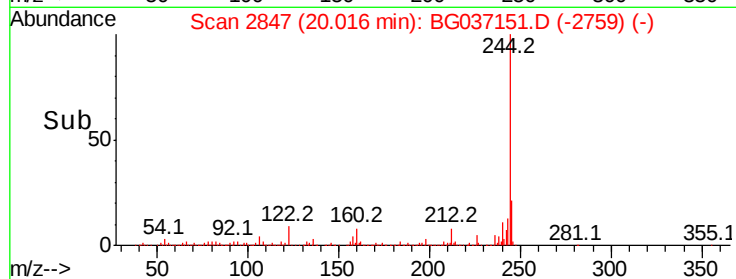
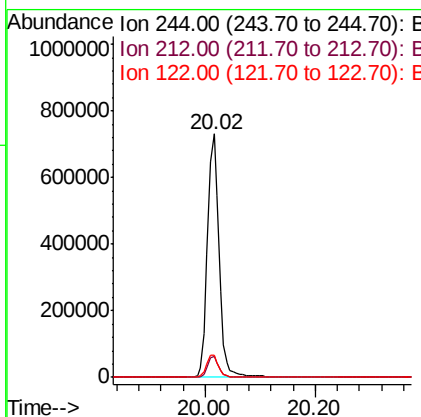
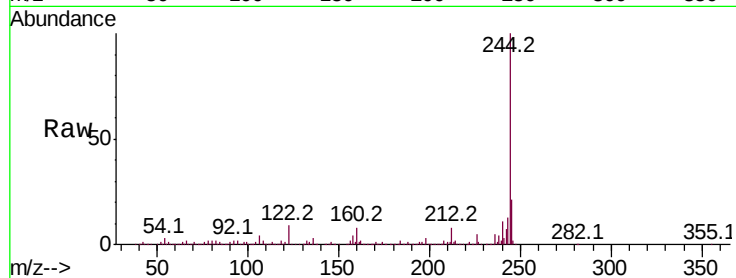


#78
 Terphenyl-d14
 Concen: 92.611 ng
 RT: 20.02 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BG037151.D
 Acq: 4 Oct 2018 8:11

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-100218-B

Tot Ion:244 Resp: 1053555

Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.0	10.6
122	9.2	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: BG037151.D
 Acq: 4 Oct 2018 8:11

Tgt Ion:264 Resp: 286008

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	22.3	17.4	26.0

