

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100618\
 Data File : BG037211.D
 Acq On : 6 Oct 2018 13:57
 Operator : JU/SJ
 Sample : J5205-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-100418

Quant Time: Oct 08 05:03:13 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	8.03	152	43790	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	177132	20.00	ng	-0.02
38) Acenaphthene-d10	14.65	164	114288	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	314495	20.00	ng	-0.02
75) Chrysene-d12	21.66	240	321604	20.00	ng	-0.03
86) Perylene-d12	24.86	264	314621	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	269263	117.92	ng	-0.01
7) Phenol-d6	7.19	99	331562	93.85	ng	-0.02
23) Nitrobenzene-d5	9.20	82	286654	86.66	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	169090	123.66	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	587943	76.62	ng	-0.02
78) Terphenyl-d14	20.01	244	1132964	92.63	ng	-0.02

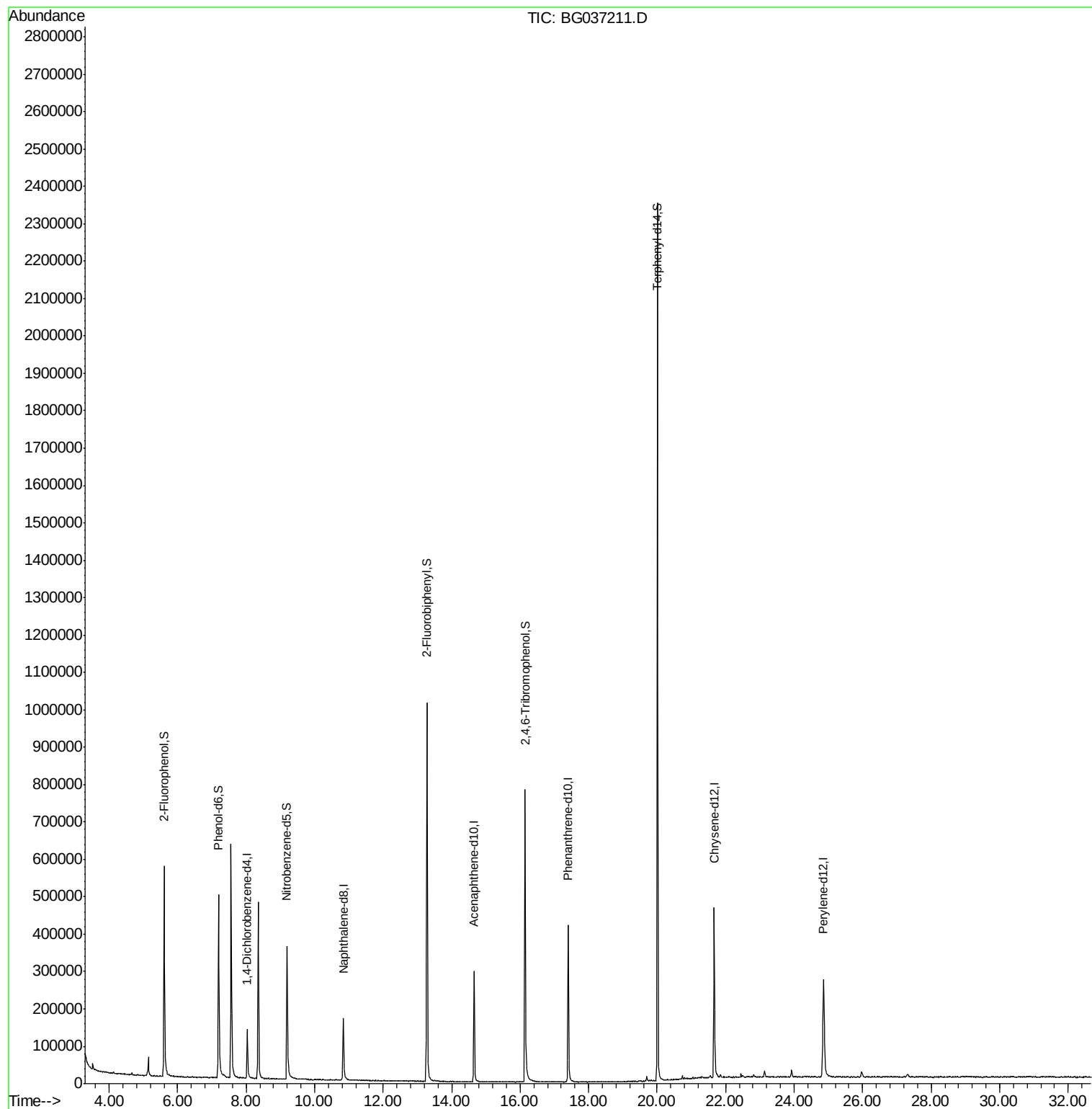
Target Compounds Qvalue

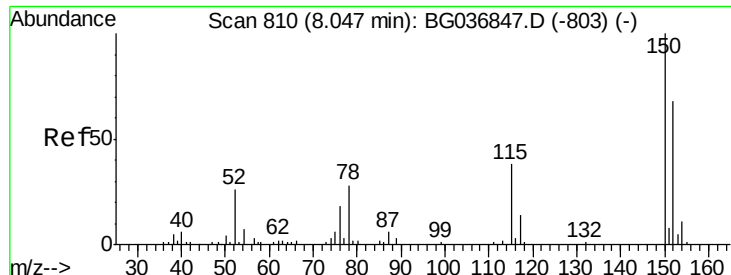
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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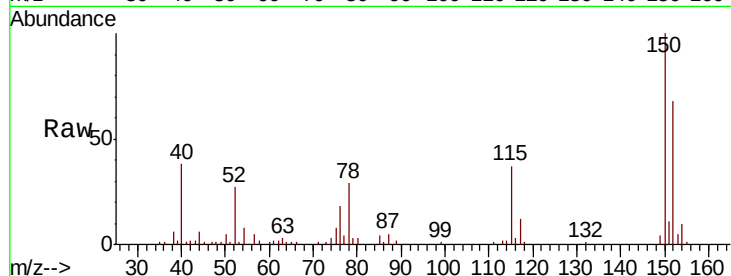


#1

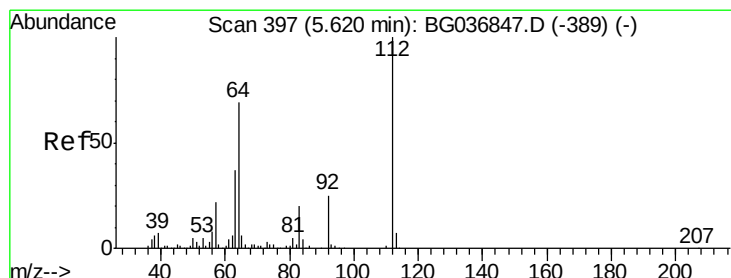
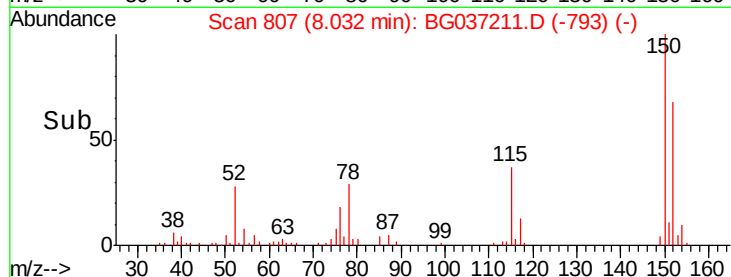
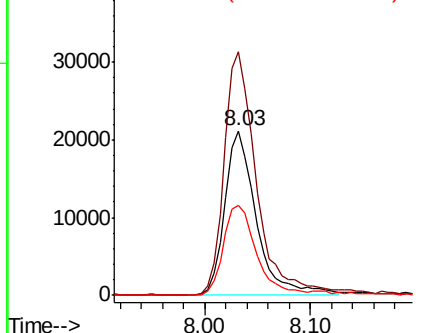
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG037211.D
Acq: 6 Oct 2018 13:57

Instrument :
BNA_G
ClientSampleId :
TR-05-100418

Tot Ion:152 Resp: 43790
Ion Ratio Lower Upper
152 100
150 147.7 119.5 179.3
115 54.6 44.5 66.7



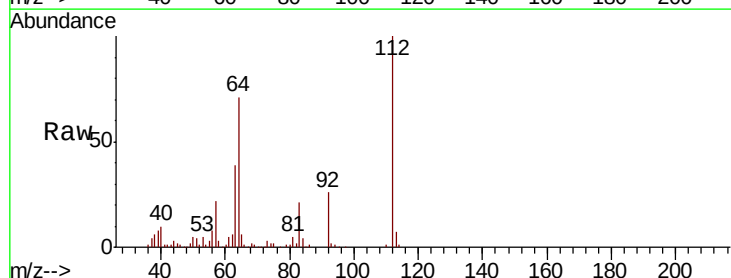
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



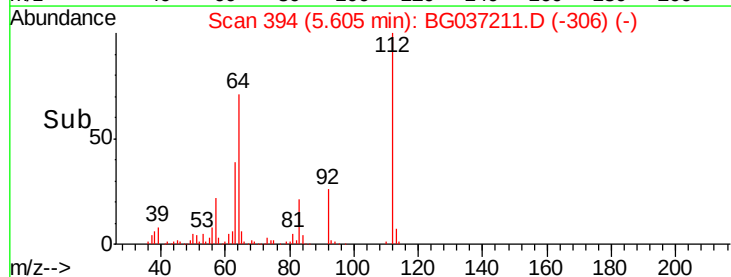
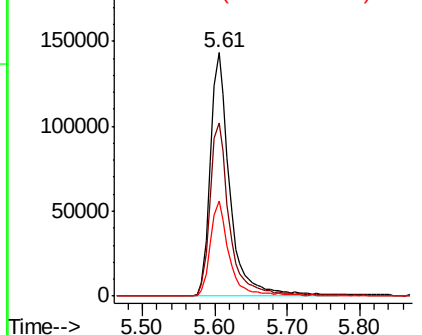
#5

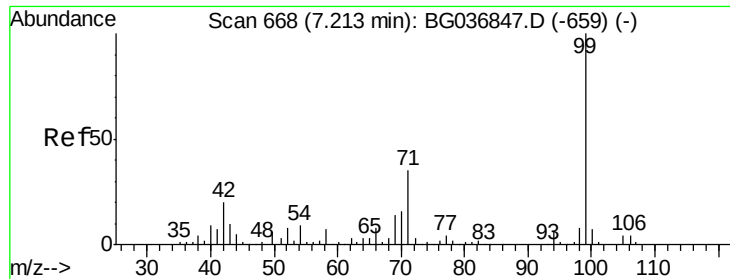
2-Fluorophenol
Concen: 117.924 ng
RT: 5.61 min Scan# 394
Delta R.T. -0.01 min
Lab File: BG037211.D
Acq: 6 Oct 2018 13:57

Tgt Ion:112 Resp: 269263
Ion Ratio Lower Upper
112 100
64 71.3 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: 93.854 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.02 min

Lab File: BG037211.D

Acq: 6 Oct 2018 13:57

Instrument :

BNA_G

ClientSampleId :

TR-05-100418

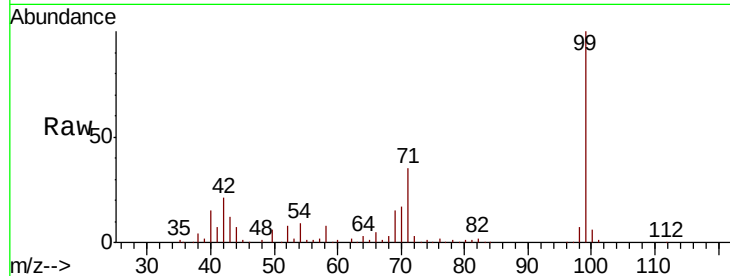
Tot Ion: 99 Resp: 331562

Ion Ratio Lower Upper

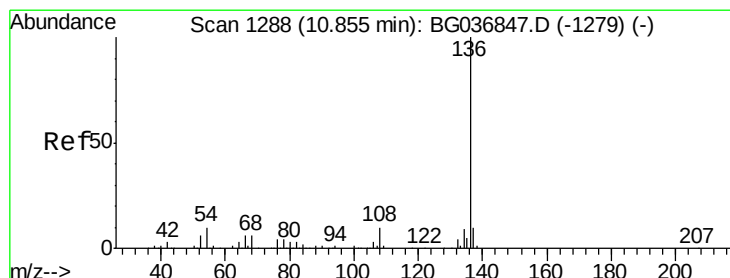
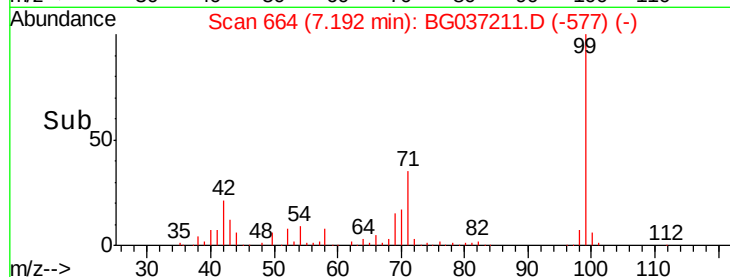
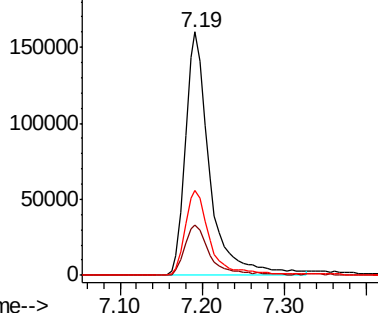
99 100

42 20.6 16.5 24.7

71 35.0 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: 10.83 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BG037211.D

Acq: 6 Oct 2018 13:57

Tgt Ion: 136 Resp: 177132

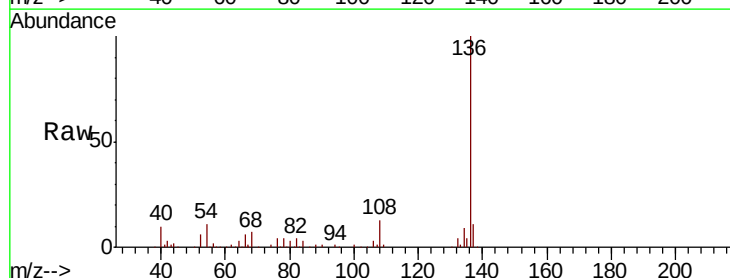
Ion Ratio Lower Upper

136 100

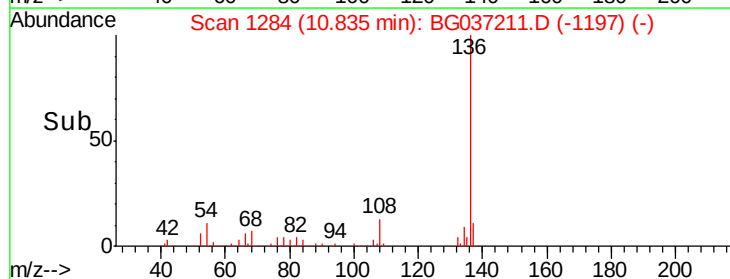
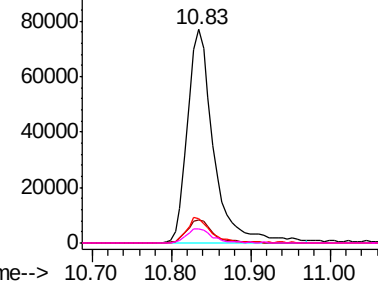
137 10.5 8.8 13.2

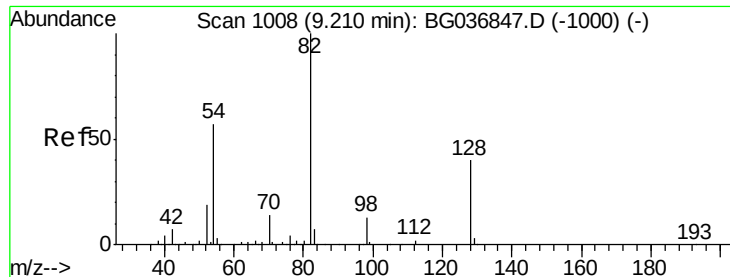
54 11.2 9.2 13.8

68 6.6 5.8 8.6



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

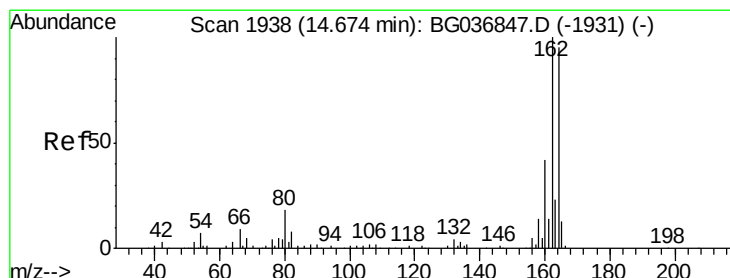
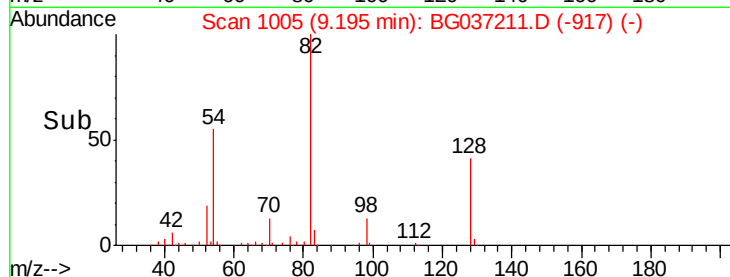
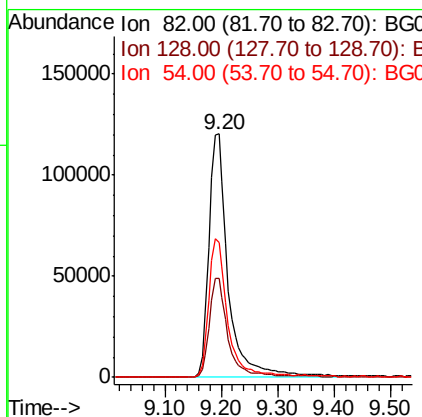
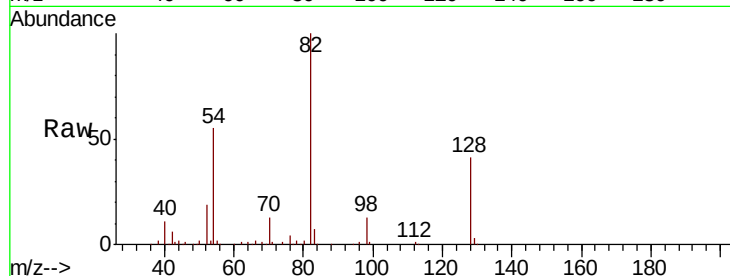




#23
 Nitrobenzene-d5
 Concen: 86.662 ng
 RT: 9.20 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BG037211.D
 Acq: 6 Oct 2018 13:57

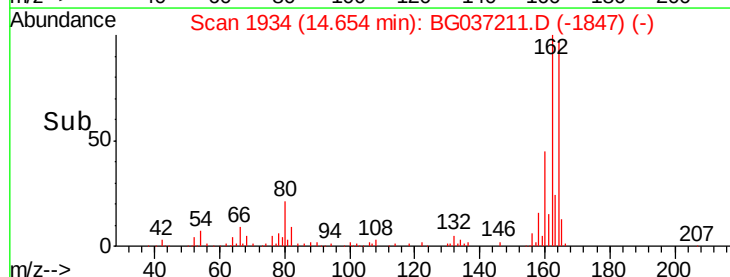
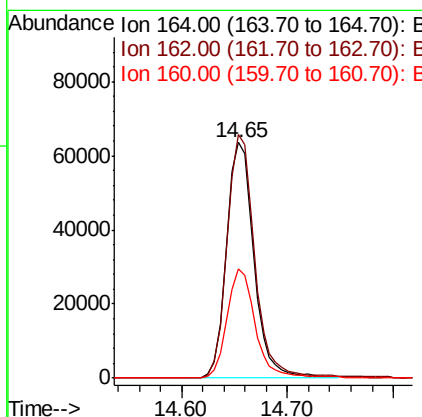
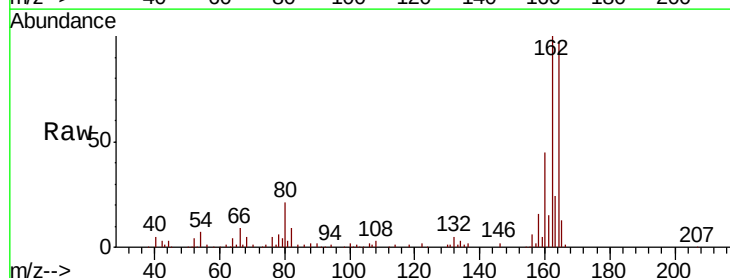
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-100418

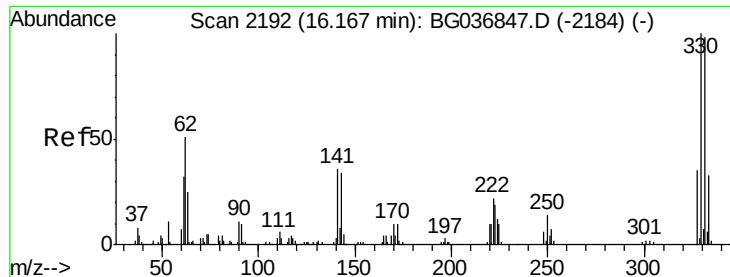
Tot Ion	82	Resp	286654
Ion Ratio	Lower	Upper	
82	100		
128	40.7	33.3	49.9
54	55.2	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.02 min
 Lab File: BG037211.D
 Acq: 6 Oct 2018 13:57

Tgt Ion	164	Resp	114288
Ion Ratio	Lower	Upper	
164	100		
162	103.2	80.7	121.1
160	46.3	35.3	52.9

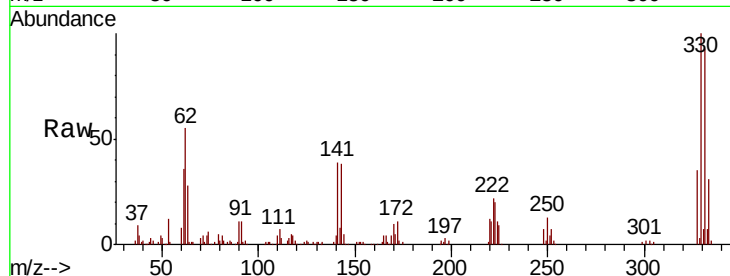




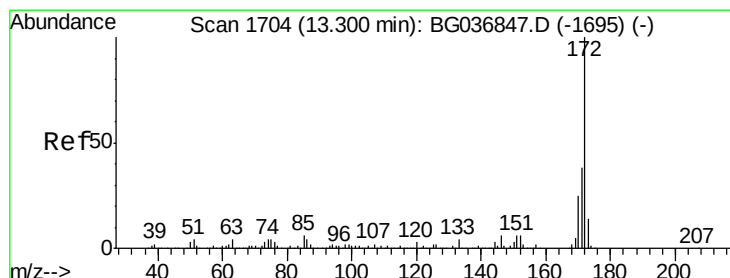
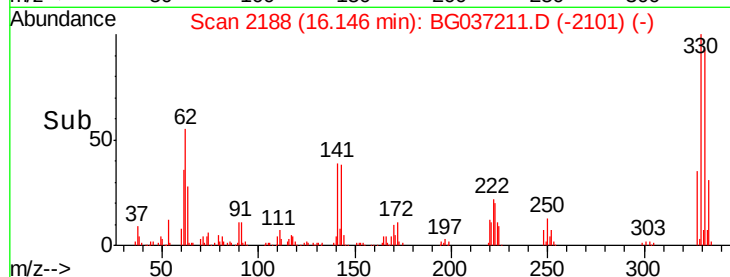
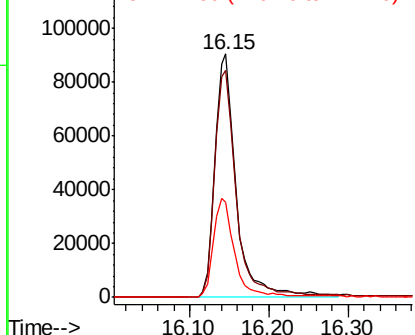
#41
 2,4,6-Tribromophenol
 Concen: 123.659 ng
 RT: 16.15 min Scan# 2188
 Delta R.T. -0.02 min
 Lab File: BG037211.D
 Acq: 6 Oct 2018 13:57

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-100418

Tot Ion:330 Resp: 169090
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.4 113.2
 141 40.6 30.7 46.1

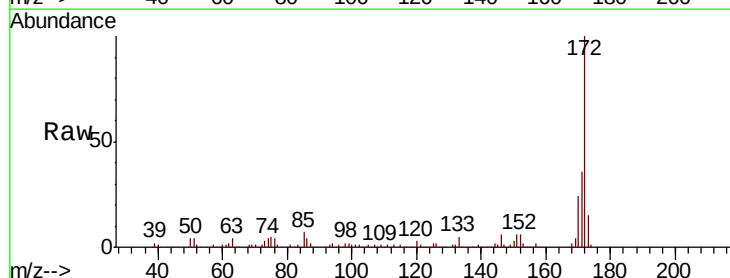


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

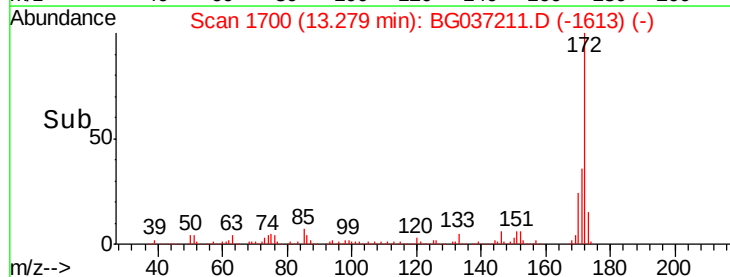
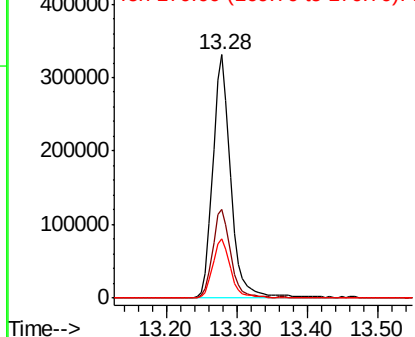


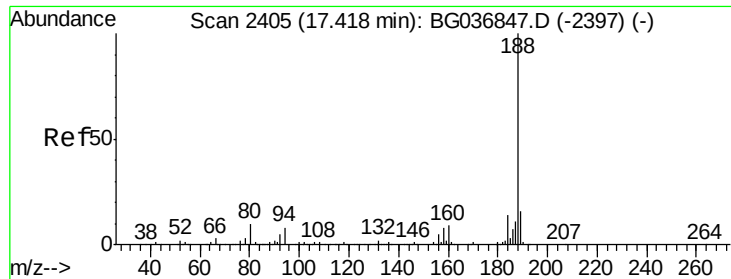
#44
 2-Fluorobiphenyl
 Concen: 76.620 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG037211.D
 Acq: 6 Oct 2018 13:57

Tgt Ion:172 Resp: 587943
 Ion Ratio Lower Upper
 172 100
 171 36.4 31.3 46.9
 170 24.5 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: 17.40 min Scan# 2401

Delta R.T. -0.02 min

Lab File: BG037211.D

Acq: 6 Oct 2018 13:57

Instrument :

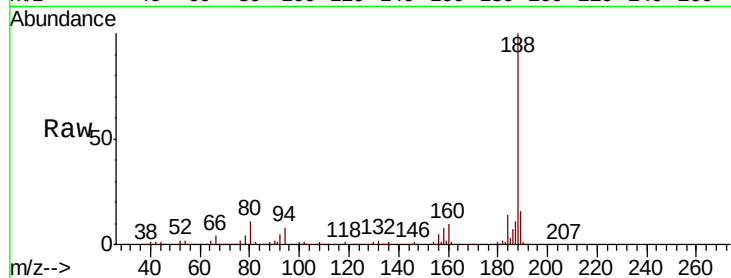
BNA_G

ClientSampleId :

TR-05-100418

Tot Ion:188 Resp: 314495

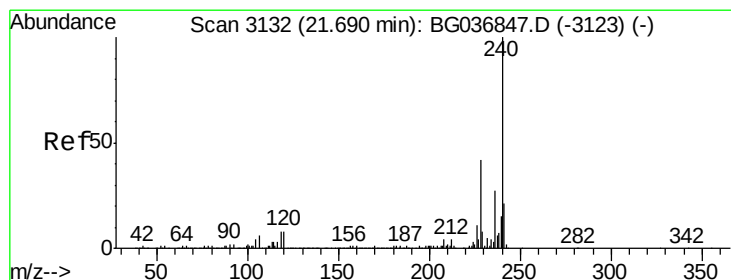
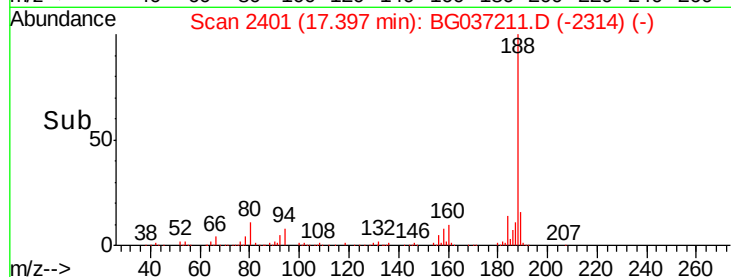
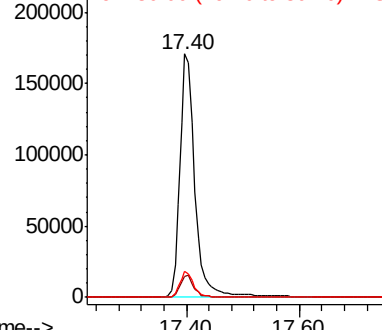
Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.7	10.1
80	10.6	8.1	12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

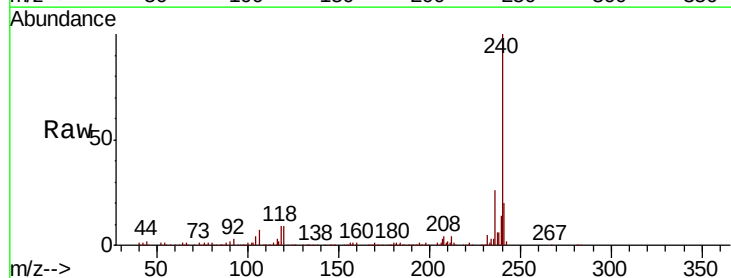
Delta R.T. -0.03 min

Lab File: BG037211.D

Acq: 6 Oct 2018 13:57

Tgt Ion:240 Resp: 321604

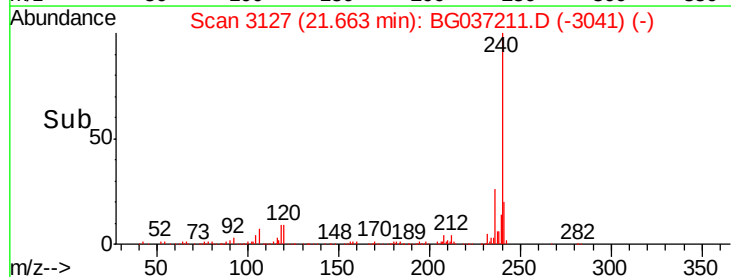
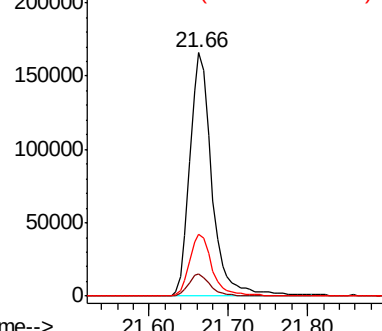
Ion	Ratio	Lower	Upper
240	100		
120	9.2	6.9	10.3
236	25.6	21.2	31.8

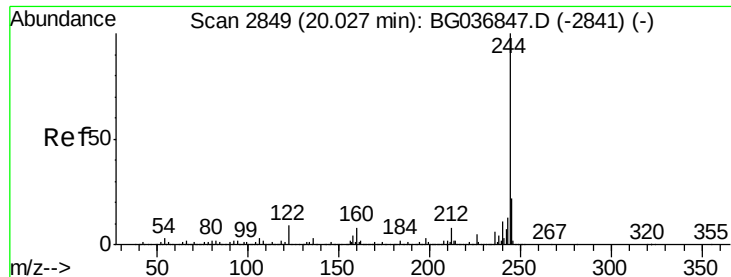


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.633 ng

RT: 20.01 min Scan# 2845

Delta R.T. -0.02 min

Lab File: BG037211.D

Acq: 6 Oct 2018 13:57

Instrument :

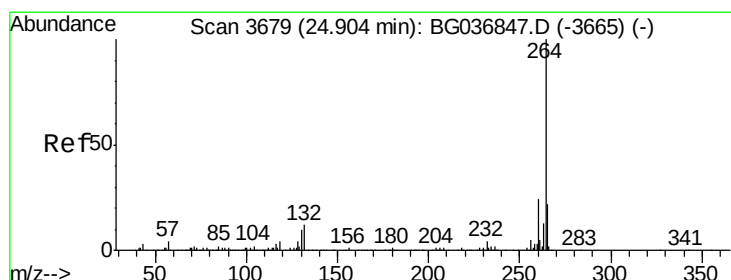
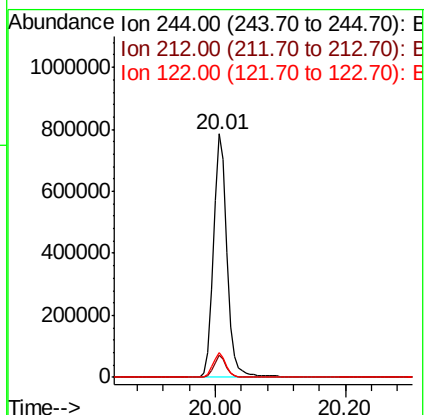
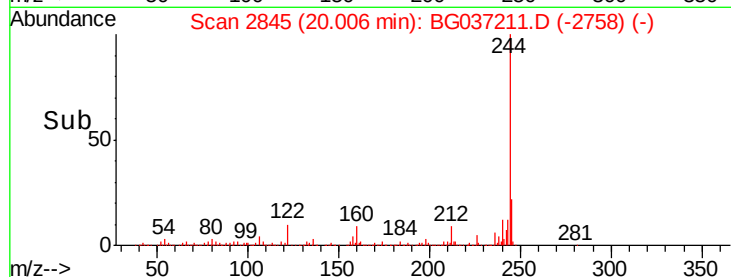
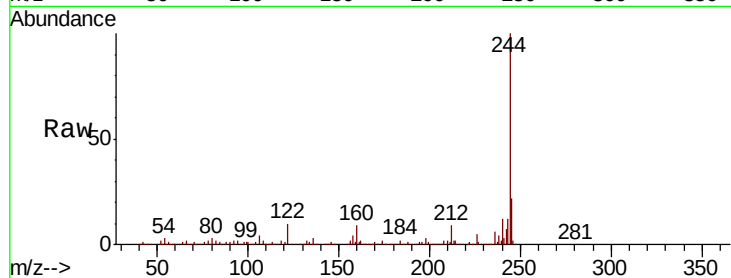
BNA_G

ClientSampleId :

TR-05-100418

Tot Ion:244 Resp: 1132964

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	10.1	7.1	10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3671

Delta R.T. -0.04 min

Lab File: BG037211.D

Acq: 6 Oct 2018 13:57

Tgt Ion:264 Resp: 314621

Ion	Ratio	Lower	Upper
264	100		
260	21.8	19.6	29.4
265	20.7	17.4	26.0

