

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100518\
 Data File : BG037161.D
 Acq On : 4 Oct 2018 18:49
 Operator : JU/SJ
 Sample : J5198-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-100218-B

Quant Time: Oct 05 01:47:33 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	41116	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	170616	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	115461	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	308224	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	322642	20.00	ng	-0.02
86) Perylene-d12	24.87	264	321350	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	275336	128.43	ng	-0.02
7) Phenol-d6	7.20	99	343749	103.63	ng	-0.02
23) Nitrobenzene-d5	9.19	82	288416	90.52	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	189516	137.19	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	631021	81.40	ng	-0.02
78) Terphenyl-d14	20.01	244	1173128	95.61	ng	-0.02

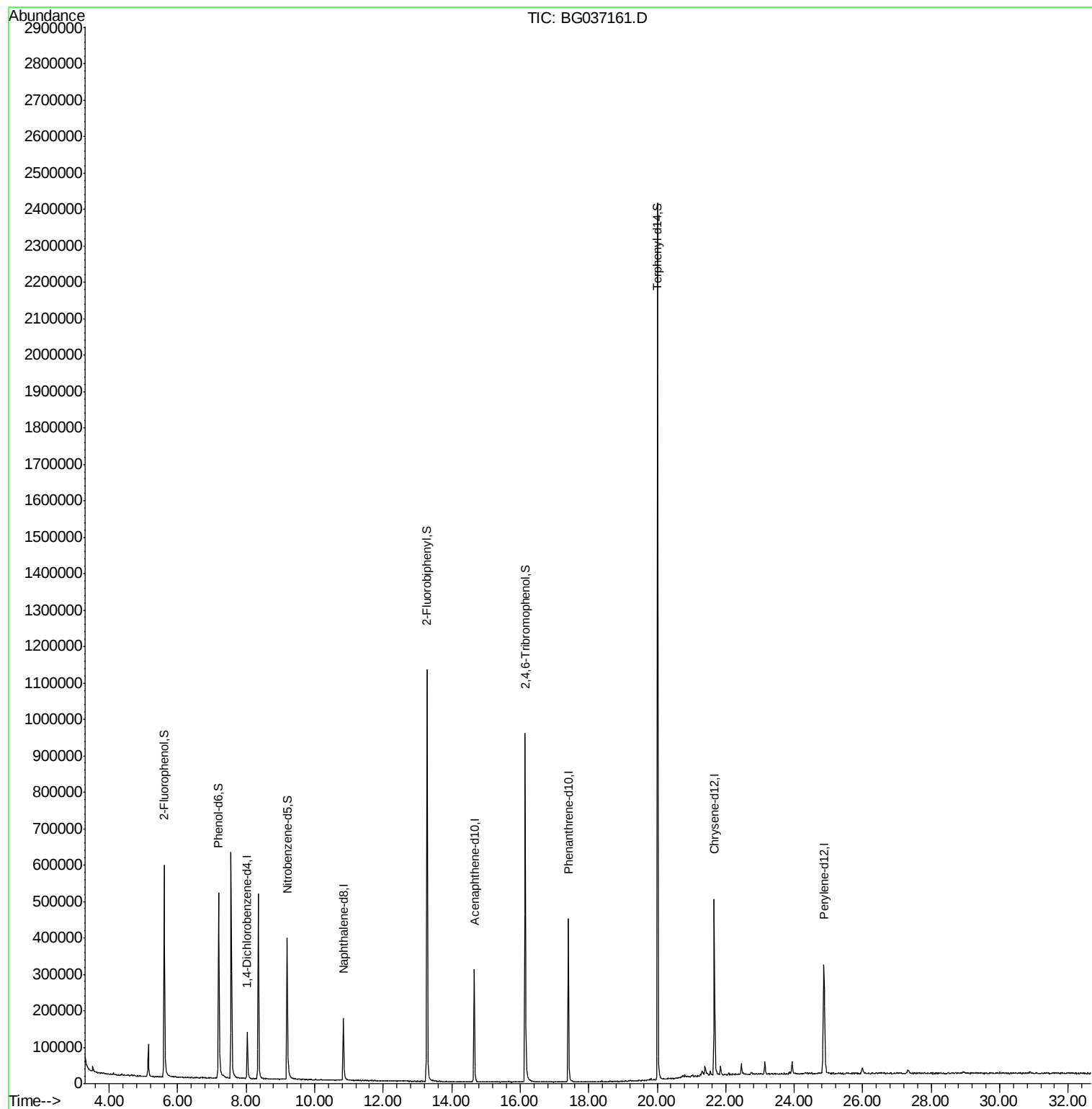
Target Compounds	Qvalue
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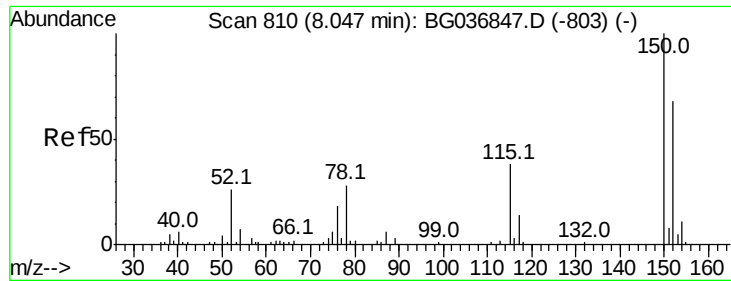
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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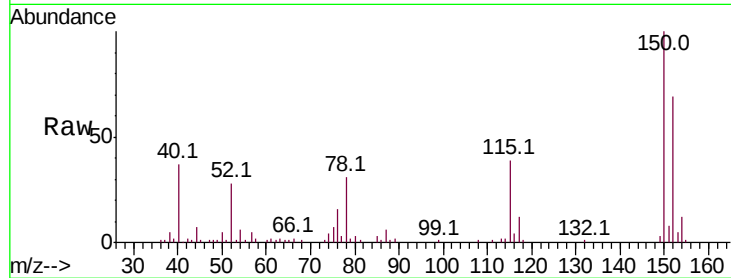


#1

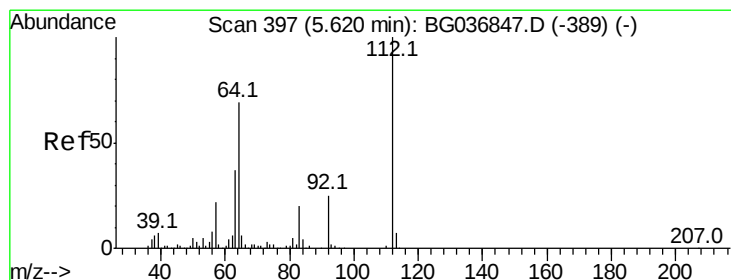
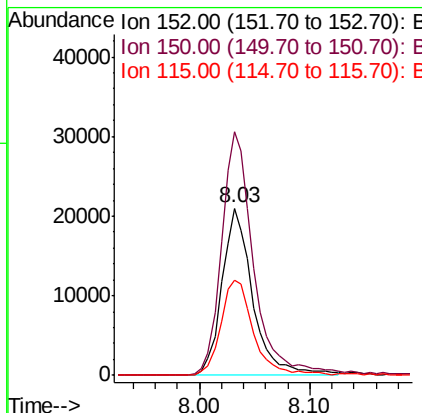
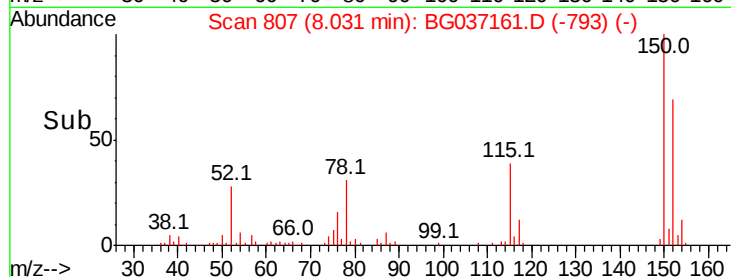
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.02 min
Lab File: BG037161.D
Acq: 4 Oct 2018 18:49

Instrument :
BNA_G
ClientSampleId :
CL-01-100218-B

Tot Ion:152 Resp: 41116
Ion Ratio Lower Upper
152 100
150 145.7 119.5 179.3
115 57.0 44.5 66.7



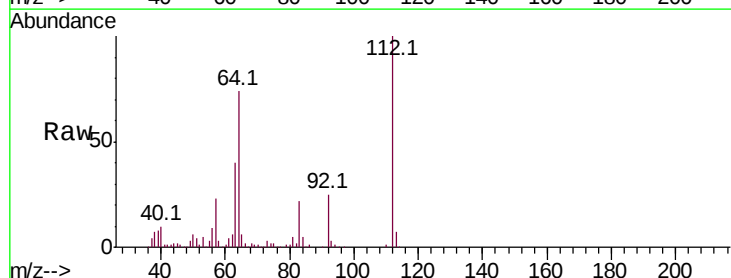
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



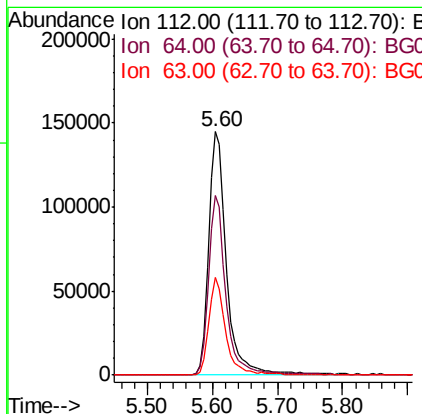
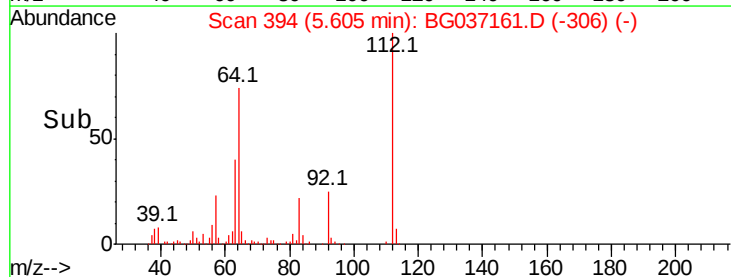
#5

2-Fluorophenol
Concen: 128.426 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.02 min
Lab File: BG037161.D
Acq: 4 Oct 2018 18:49

Tgt Ion:112 Resp: 275336
Ion Ratio Lower Upper
112 100
64 74.0 57.2 85.8
63 40.2 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: 103.632 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG037161.D

Acq: 4 Oct 2018 18:49

Instrument :

BNA_G

ClientSampleId :

CL-01-100218-B

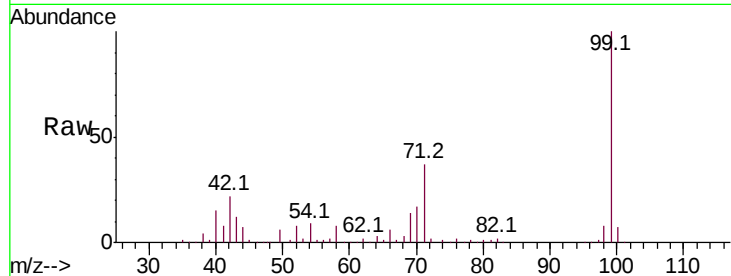
Tot Ion: 99 Resp: 343749

Ion Ratio Lower Upper

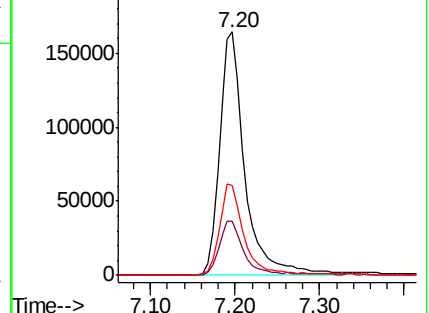
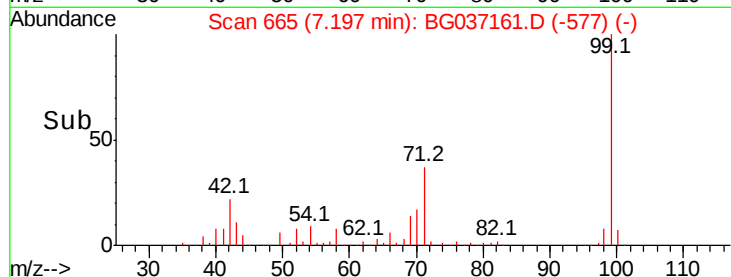
99 100

42 22.0 16.5 24.7

71 36.9 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: BG037161.D

Acq: 4 Oct 2018 18:49

Tgt Ion: 136 Resp: 170616

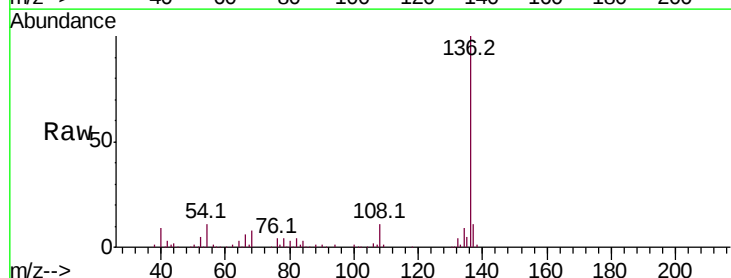
Ion Ratio Lower Upper

136 100

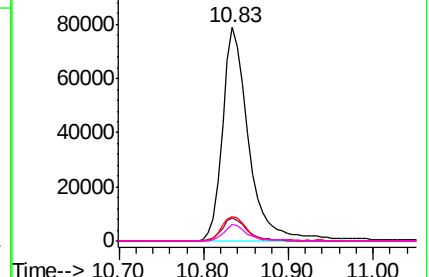
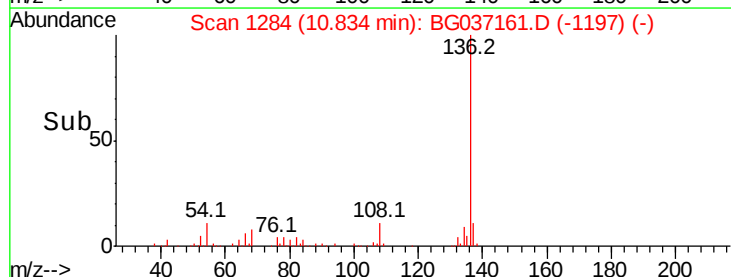
137 11.0 8.8 13.2

54 11.2 9.2 13.8

68 8.1 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

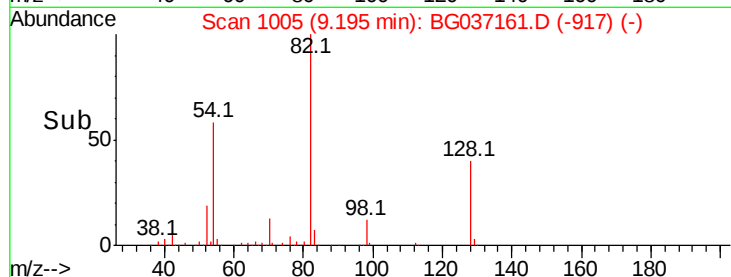
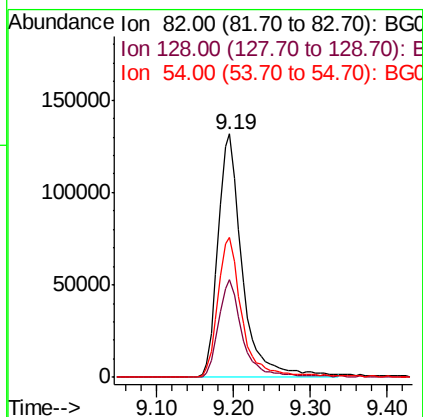
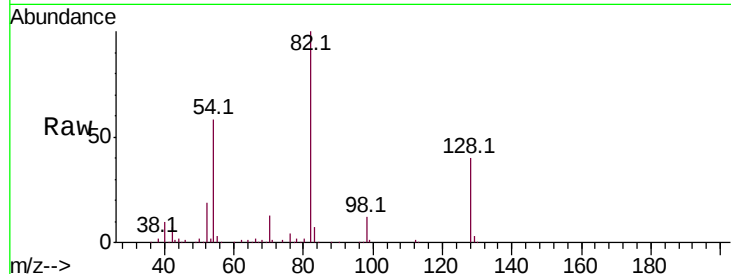




#23
 Nitrobenzene-d5
 Concen: 90.525 ng
 RT: 9.19 min Scan# 1005
 Delta R.T. -0.02 min
 Lab File: BG037161.D
 Acq: 4 Oct 2018 18:49

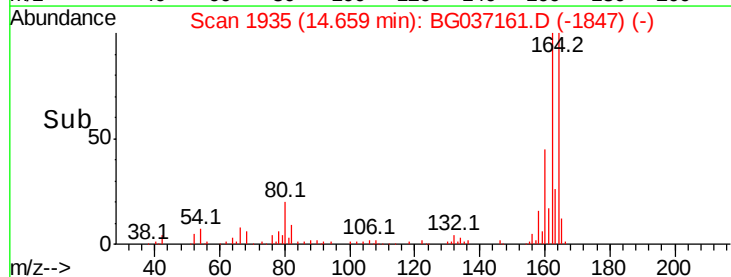
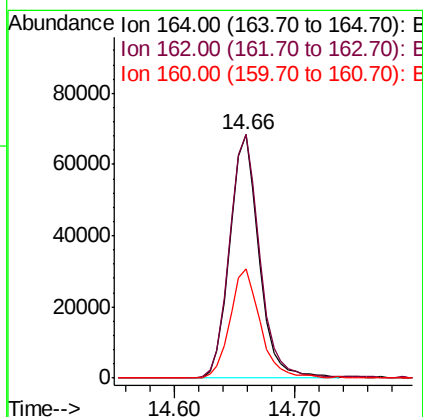
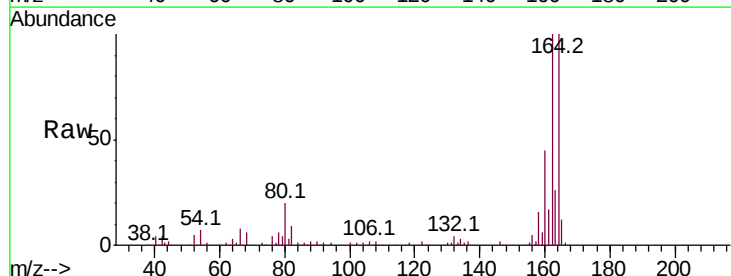
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-100218-B

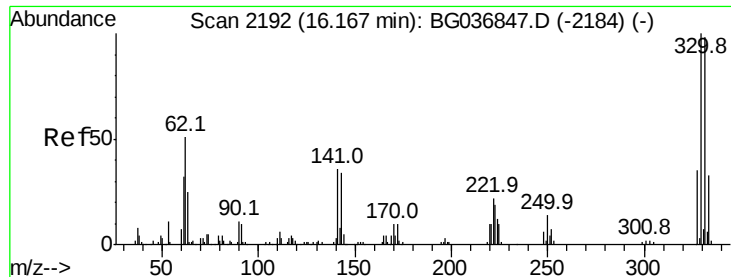
Tot Ion	82	Resp	288416
Ion Ratio	Lower	Upper	
82	100		
128	39.9	33.3	49.9
54	57.7	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1935
 Delta R.T. -0.02 min
 Lab File: BG037161.D
 Acq: 4 Oct 2018 18:49

Tgt Ion	164	Resp	115461
Ion Ratio	Lower	Upper	
164	100		
162	99.8	80.7	121.1
160	44.9	35.3	52.9

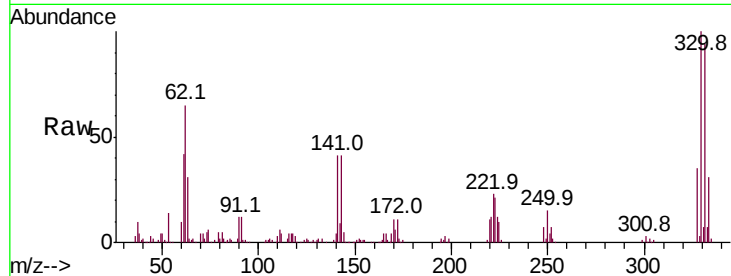




#41
 2,4,6-Tribromophenol
 Concen: 137.189 ng
 RT: 16.15 min Scan# 2188
 Delta R.T. -0.02 min
 Lab File: BG037161.D
 Acq: 4 Oct 2018 18:49

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-100218-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	75.4	113.2
141	41.1	30.7	46.1

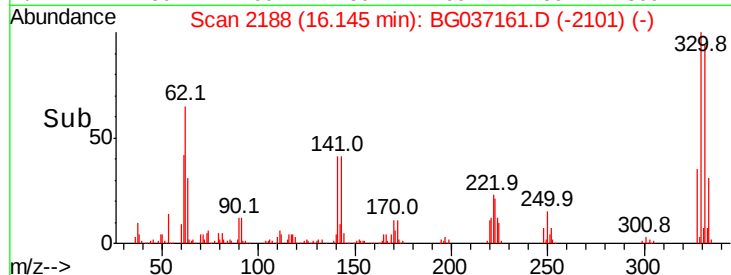
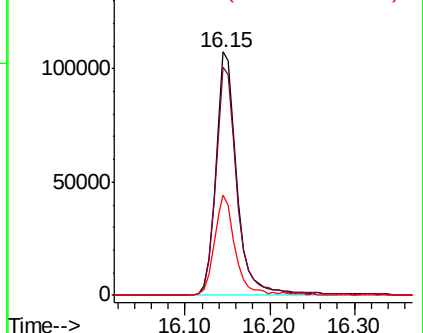


Abundance

Ion 329.80 (329.50 to 330.50): E

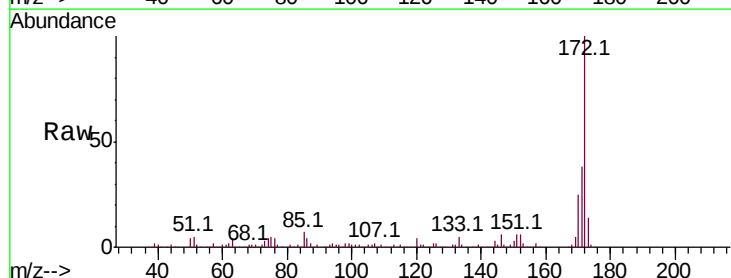
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 81.399 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG037161.D
 Acq: 4 Oct 2018 18:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.3	46.9
170	24.8	21.0	31.6

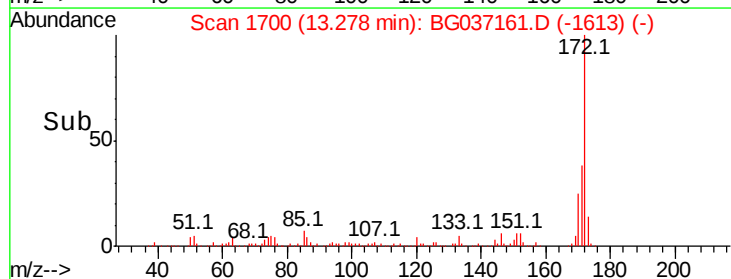
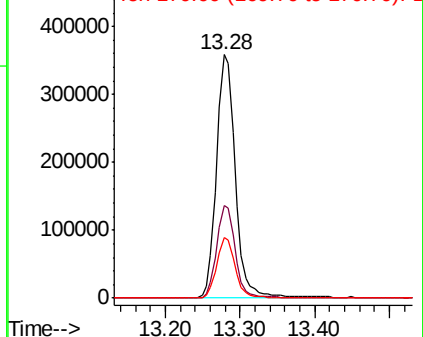


Abundance

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

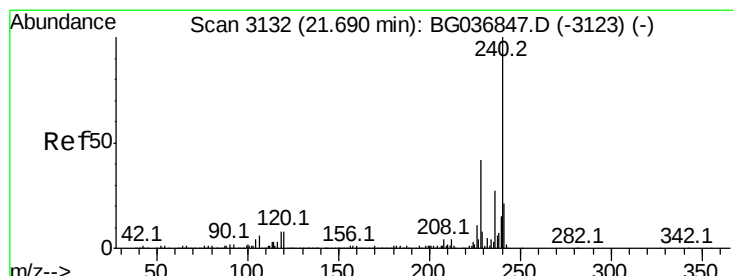
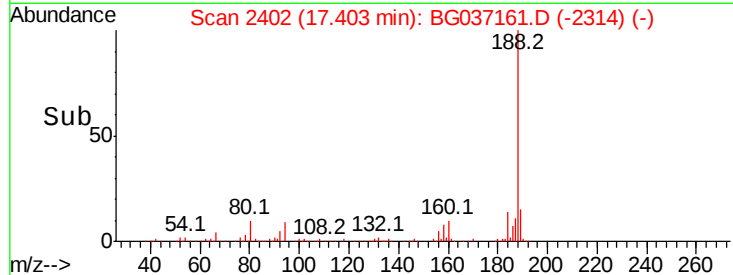
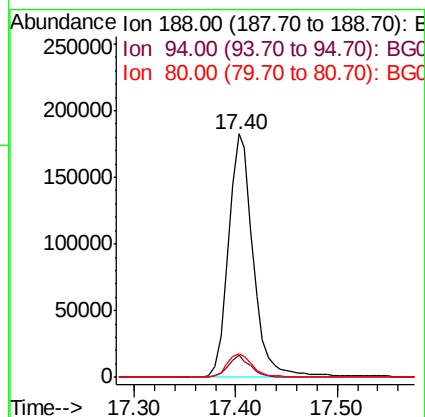
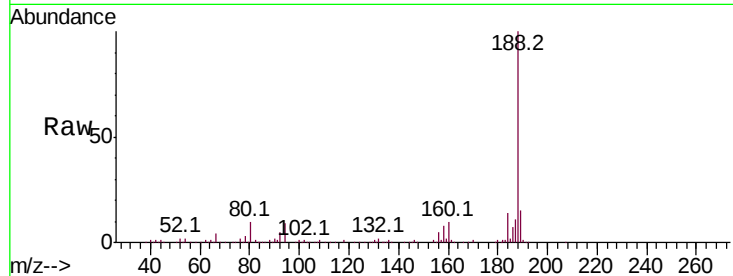




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.02 min
Lab File: BG037161.D
Acq: 4 Oct 2018 18:49

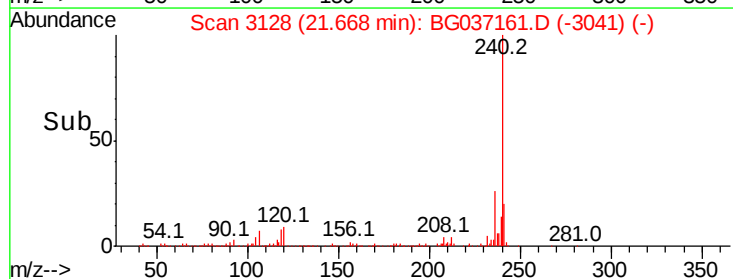
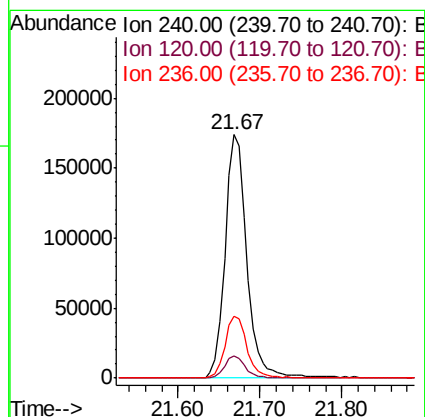
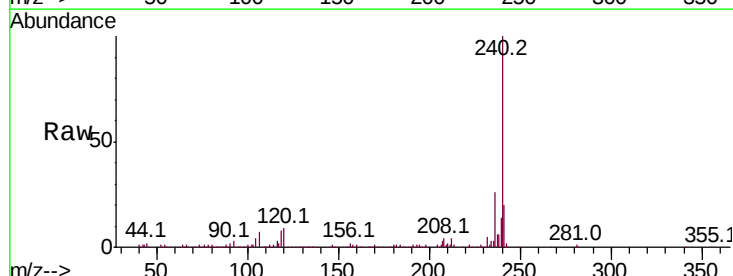
Instrument :
BNA_G
ClientSampleId :
CL-01-100218-B

Tot Ion:188 Resp: 308224
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 9.5 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BG037161.D
Acq: 4 Oct 2018 18:49

Tgt Ion:240 Resp: 322642
Ion Ratio Lower Upper
240 100
120 9.3 6.9 10.3
236 25.7 21.2 31.8



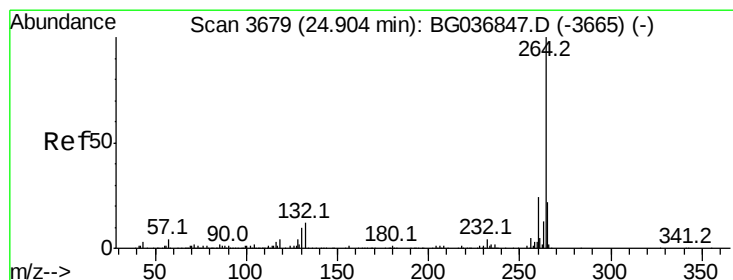
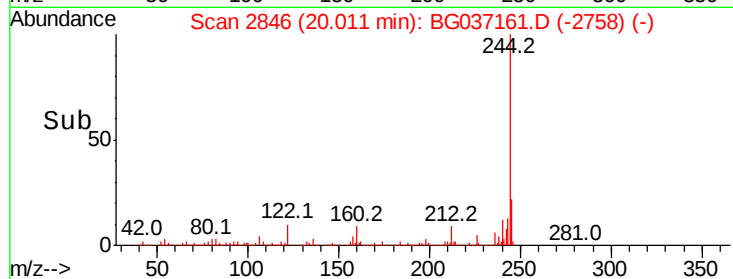
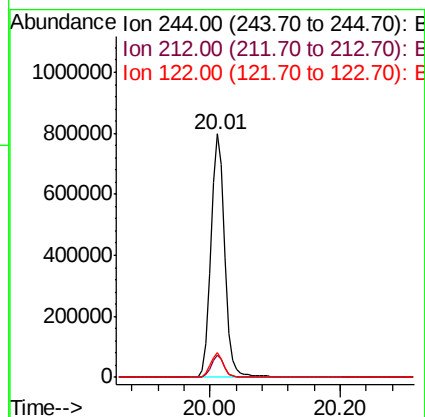
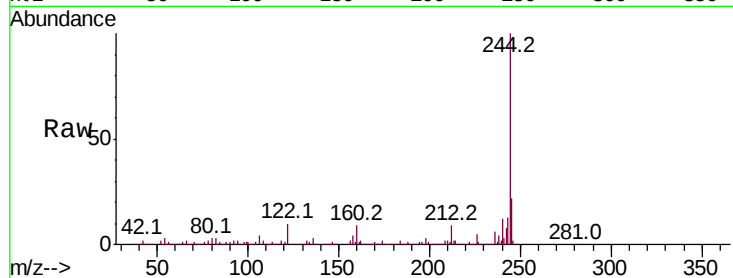


#78
 Terphenyl-d14
 Concen: 95.608 ng
 RT: 20.01 min Scan# 2846
 Delta R.T. -0.02 min
 Lab File: BG037161.D
 Acq: 4 Oct 2018 18:49

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-100218-B

Tot Ion:244 Resp: 1173128

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	10.4	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.87 min Scan# 3673
 Delta R.T. -0.03 min
 Lab File: BG037161.D
 Acq: 4 Oct 2018 18:49

Tgt Ion:264 Resp: 321350

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	22.2	17.4	26.0

