

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100518\
 Data File : BG037164.D
 Acq On : 4 Oct 2018 20:45
 Operator : JU/SJ
 Sample : J5198-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Oct 05 01:49:20 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	48119	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	184676	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	118918	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	307809	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	320043	20.00	ng	-0.02
86) Perylene-d12	24.86	264	320158	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	314765	125.45	ng	-0.01
7) Phenol-d6	7.20	99	384901	99.15	ng	-0.02
23) Nitrobenzene-d5	9.19	82	320146	92.83	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	190092	133.61	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	645617	80.86	ng	-0.02
78) Terphenyl-d14	20.01	244	1166715	95.86	ng	-0.02

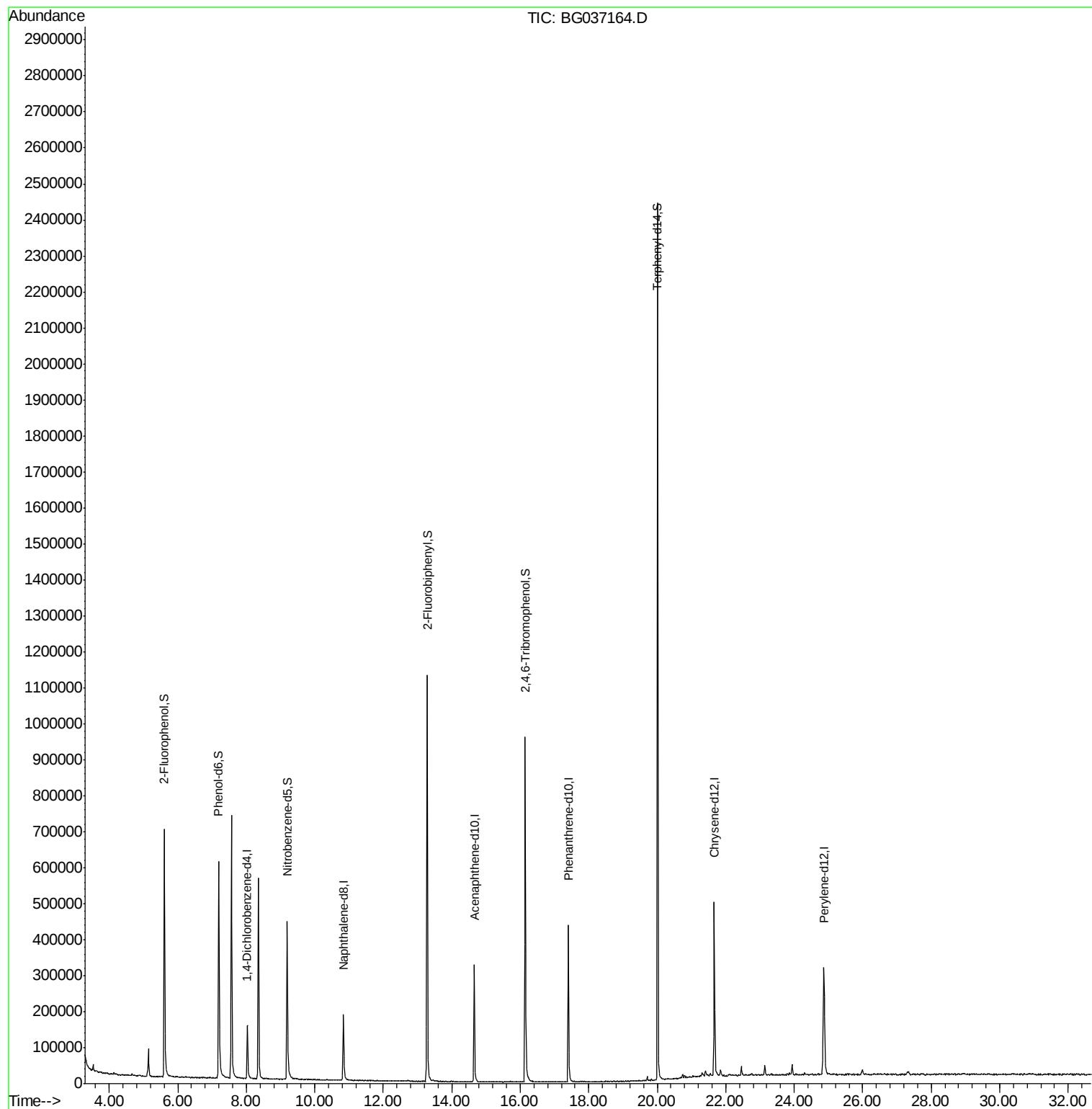
Target Compounds Qvalue

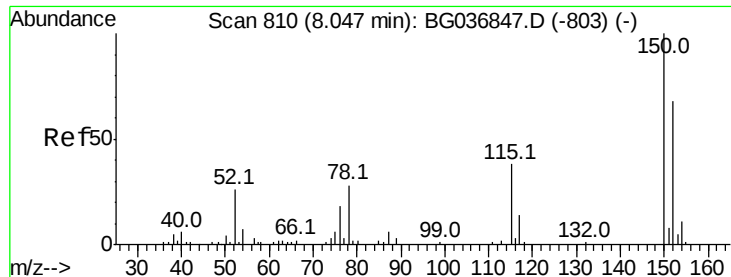
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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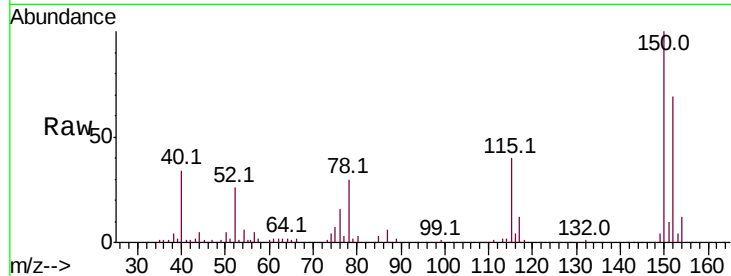


#1

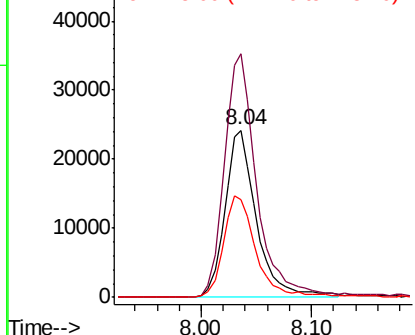
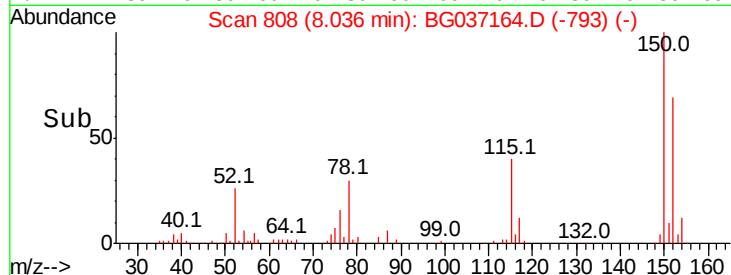
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG037164.D
Acq: 4 Oct 2018 20:45

Instrument :
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CL-01-100218-E

Tot Ion:152 Resp: 48119
Ion Ratio Lower Upper
152 100
150 145.8 119.5 179.3
115 58.5 44.5 66.7



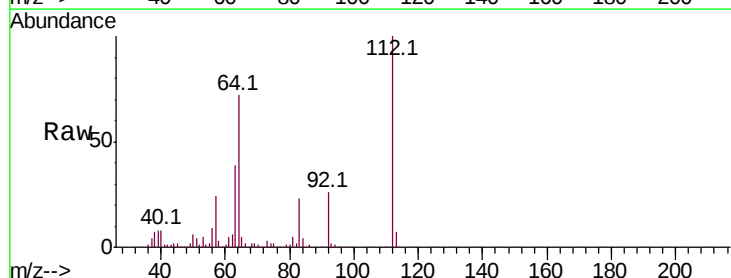
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



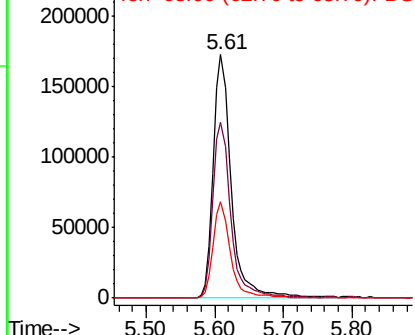
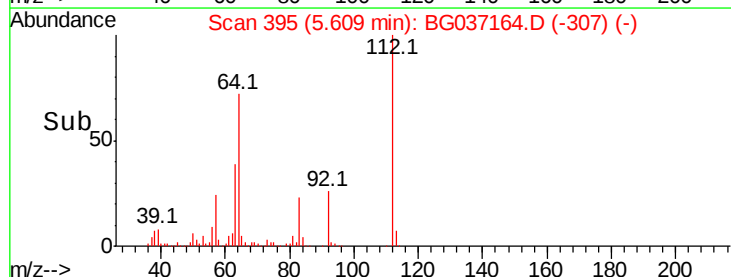
#5

2-Fluorophenol
Concen: 125.450 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.01 min
Lab File: BG037164.D
Acq: 4 Oct 2018 20:45

Tgt Ion:112 Resp: 314765
Ion Ratio Lower Upper
112 100
64 72.4 57.2 85.8
63 39.4 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: 99.150 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG037164.D

Acq: 4 Oct 2018 20:45

Instrument :

BNA_G

ClientSampleId :

CL-01-100218-E

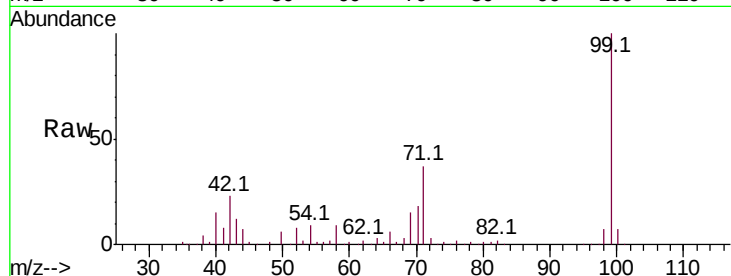
Tot Ion: 99 Resp: 384901

Ion Ratio Lower Upper

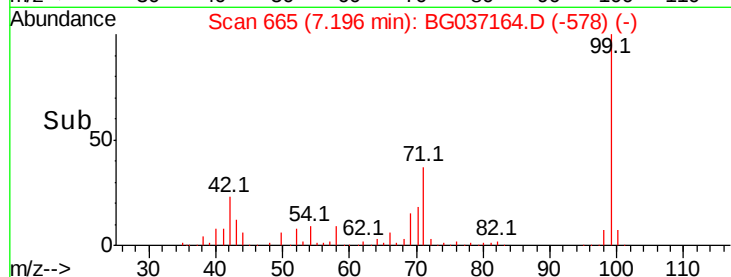
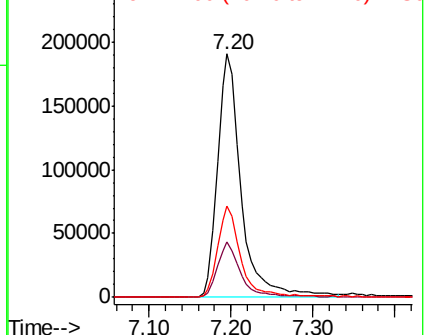
99 100

42 22.7 16.5 24.7

71 37.3 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: BG037164.D

Acq: 4 Oct 2018 20:45

Tgt Ion: 136 Resp: 184676

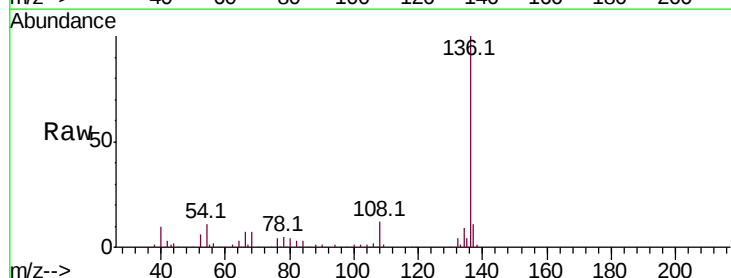
Ion Ratio Lower Upper

136 100

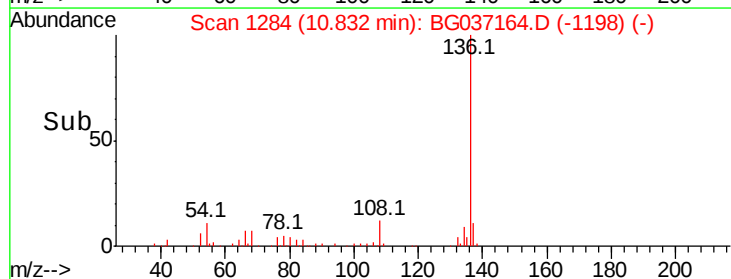
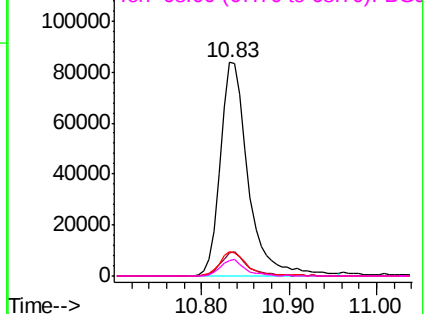
137 10.6 8.8 13.2

54 11.1 9.2 13.8

68 7.4 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

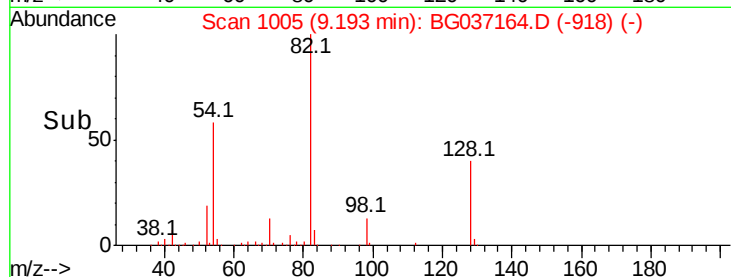
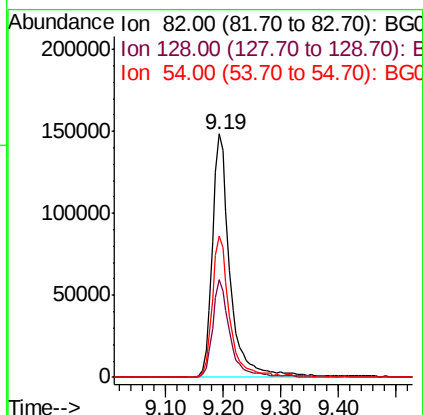
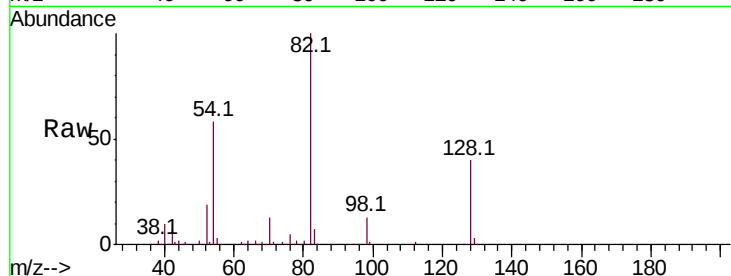




#23
Nitrobenzene-d5
Concen: 92.834 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037164.D
Acq: 4 Oct 2018 20:45

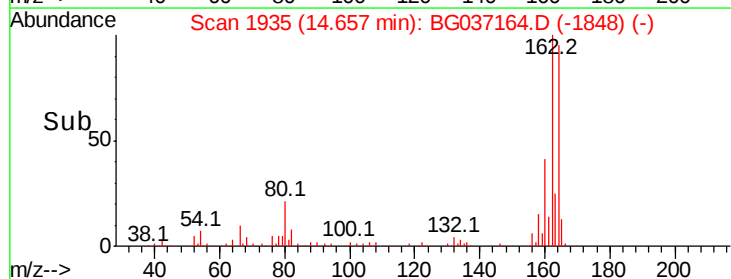
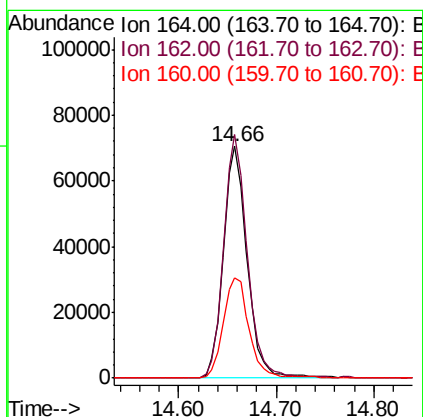
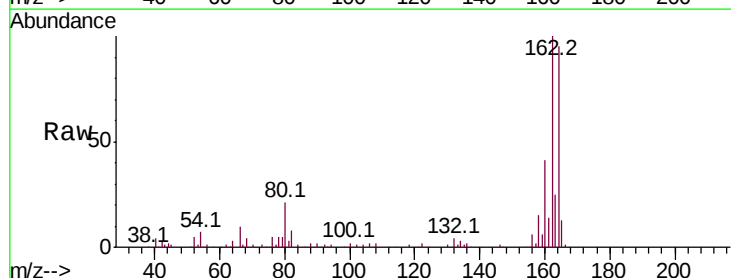
Instrument :
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ClientSampleId :
CL-01-100218-E

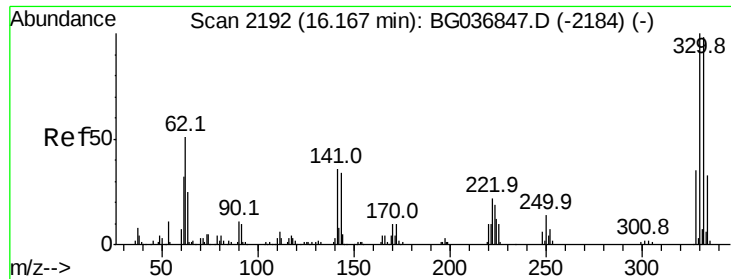
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.3	33.3	49.9
54	57.9	45.1	67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.02 min
Lab File: BG037164.D
Acq: 4 Oct 2018 20:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	80.7	121.1
160	43.1	35.3	52.9

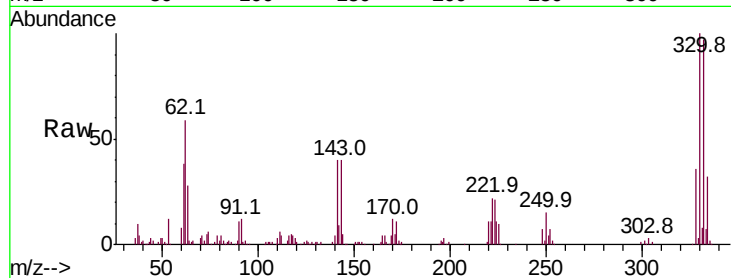




#41
 2,4,6-Tribromophenol
 Concen: 133.606 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.02 min
 Lab File: BG037164.D
 Acq: 4 Oct 2018 20:45

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	75.4	113.2
141	41.6	30.7	46.1

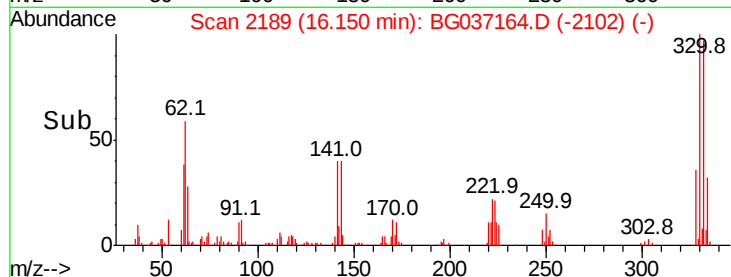
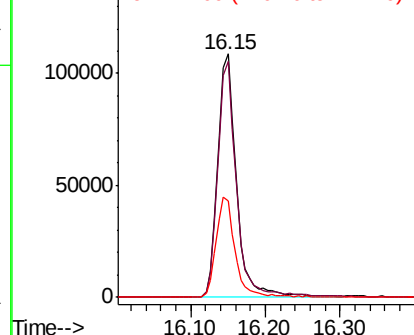


Abundance

Ion 329.80 (329.50 to 330.50): E

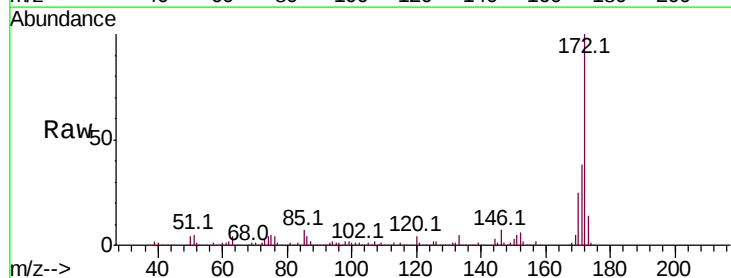
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.860 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG037164.D
 Acq: 4 Oct 2018 20:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.3	46.9
170	25.4	21.0	31.6

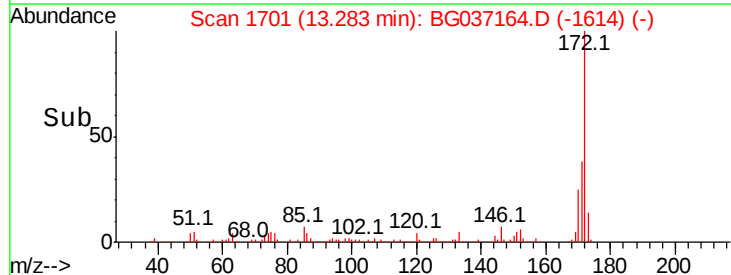
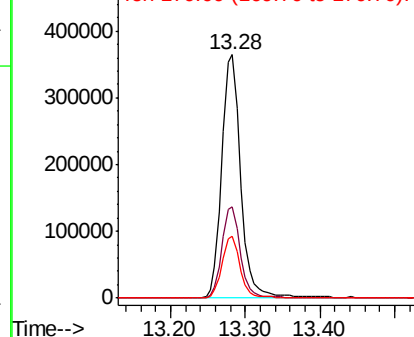


Abundance

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: 17.40 min Scan# 2402

Delta R.T. -0.02 min

Lab File: BG037164.D

Acq: 4 Oct 2018 20:45

Instrument :

BNA_G

ClientSampleId :

CL-01-100218-E

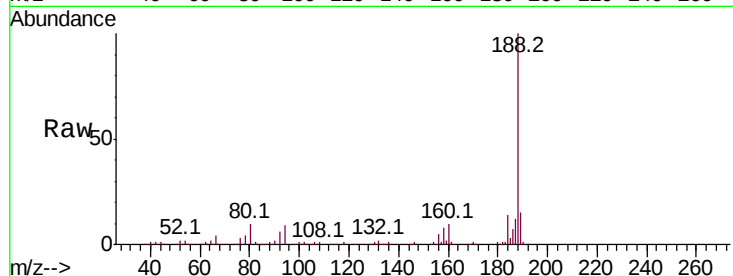
Tot Ion:188 Resp: 307809

Ion Ratio Lower Upper

188 100

94 8.8 6.7 10.1

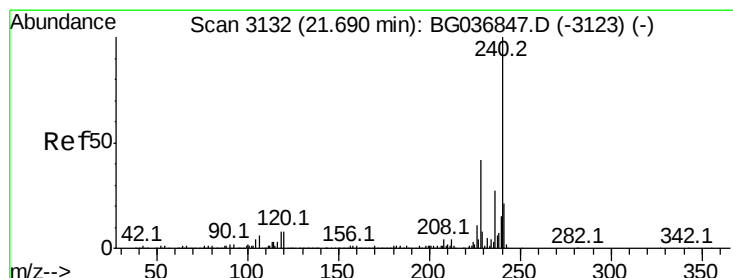
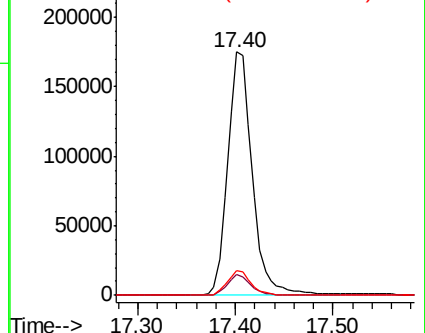
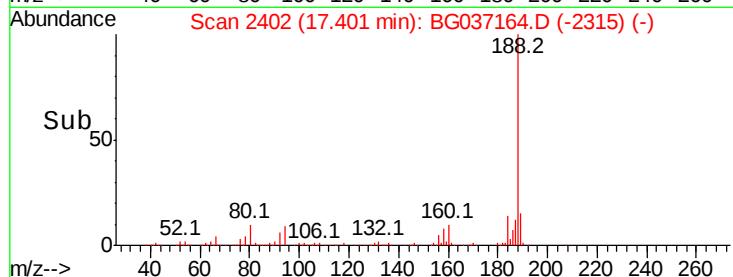
80 10.2 8.1 12.1



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: 21.67 min Scan# 3128

Delta R.T. -0.02 min

Lab File: BG037164.D

Acq: 4 Oct 2018 20:45

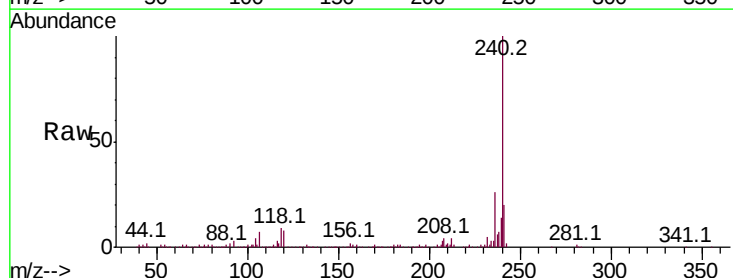
Tgt Ion:240 Resp: 320043

Ion Ratio Lower Upper

240 100

120 8.3 6.9 10.3

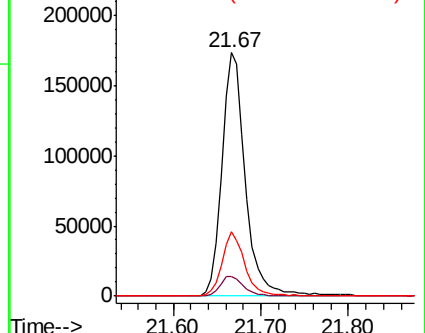
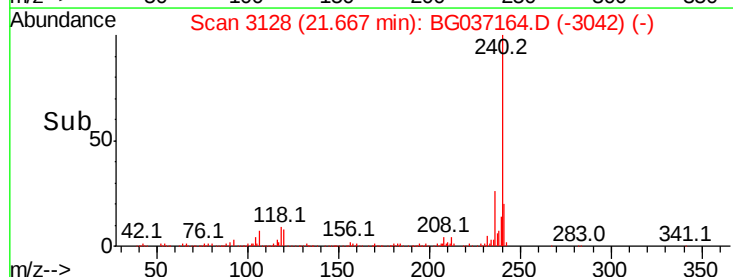
236 26.3 21.2 31.8



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



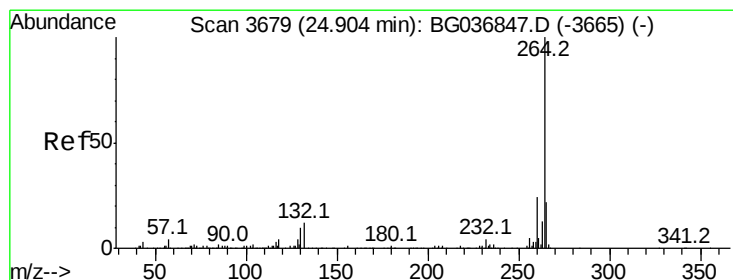
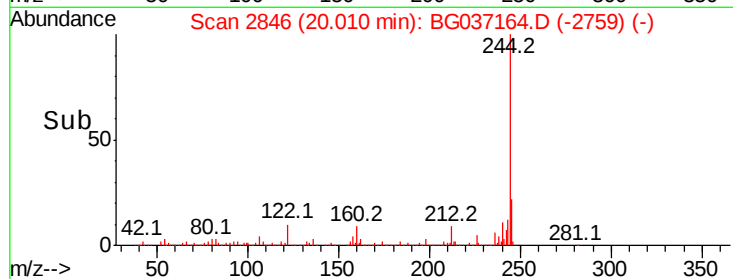
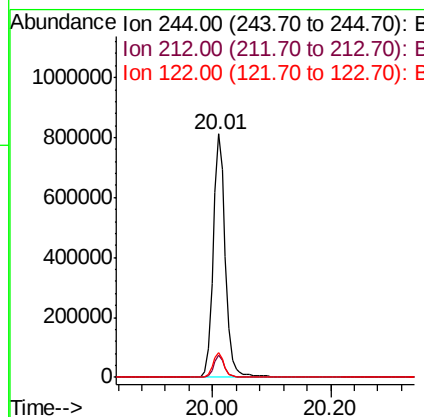
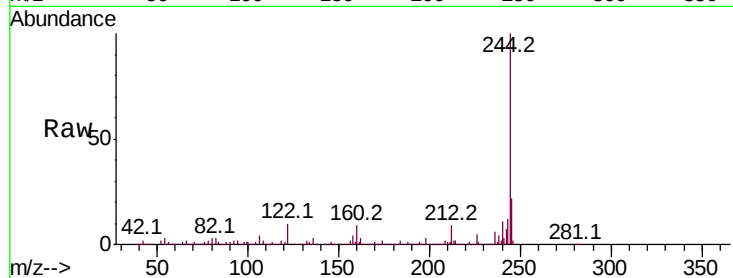


#78
 Terphenyl-d14
 Concen: 95.858 ng
 RT: 20.01 min Scan# 2846
 Delta R.T. -0.02 min
 Lab File: BG037164.D
 Acq: 4 Oct 2018 20:45

Instrument :
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Tot Ion:244 Resp: 1166715

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	10.0	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3672
 Delta R.T. -0.04 min
 Lab File: BG037164.D
 Acq: 4 Oct 2018 20:45

Tgt Ion:264 Resp: 320158

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	22.0	17.4	26.0

