

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100518\
 Data File : BG037163.D
 Acq On : 4 Oct 2018 20:06
 Operator : JU/SJ
 Sample : J5198-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Oct 05 01:48:46 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	38267	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	158647	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	111440	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	299762	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	305818	20.00	ng	-0.02
86) Perylene-d12	24.87	264	300945	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	246083	123.33	ng	-0.01
7) Phenol-d6	7.20	99	322671	104.52	ng	-0.02
23) Nitrobenzene-d5	9.19	82	263250	88.86	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	179628	134.72	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	581671	77.74	ng	-0.02
78) Terphenyl-d14	20.01	244	1110753	95.50	ng	-0.02

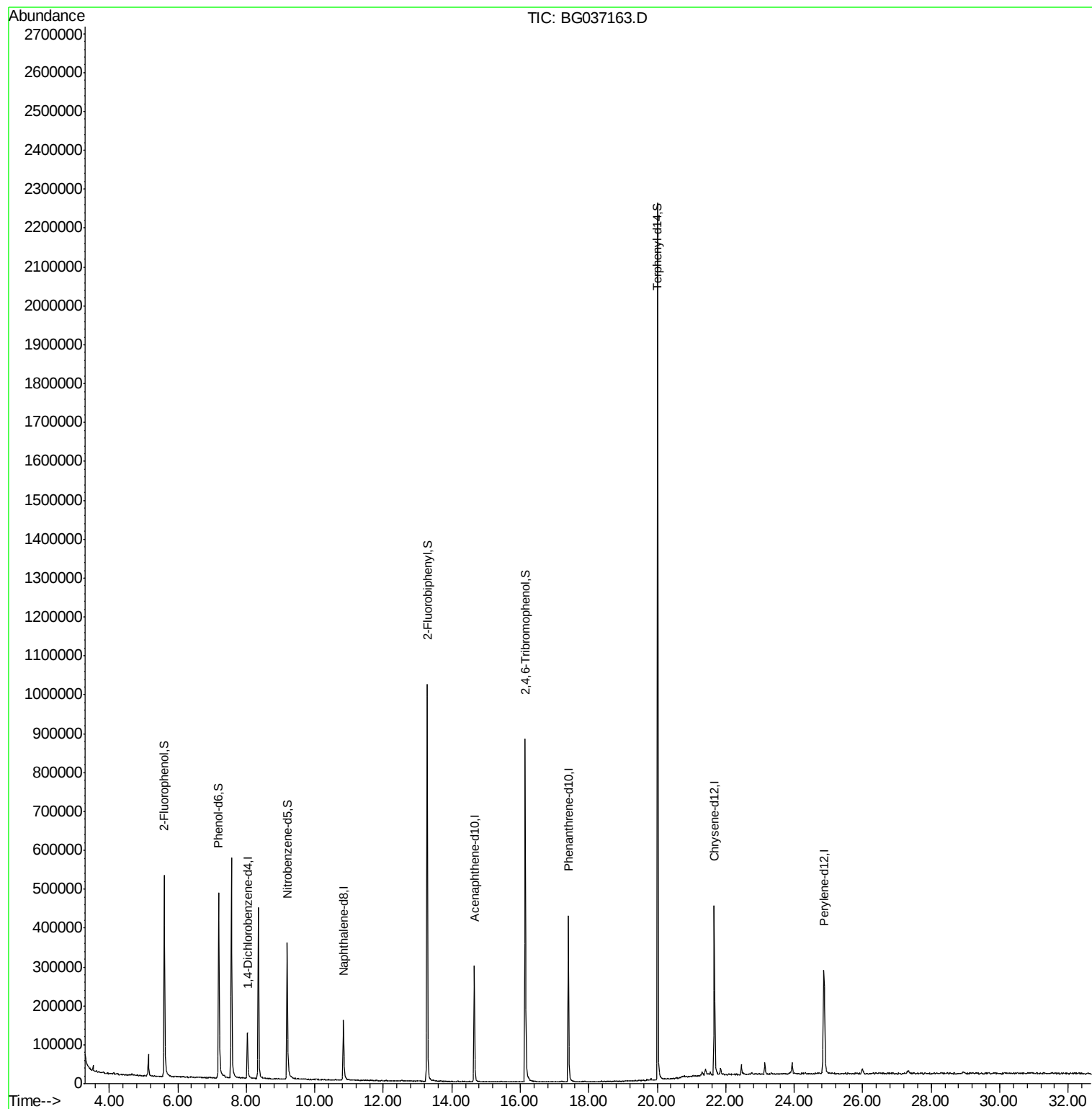
Target Compounds Qvalue

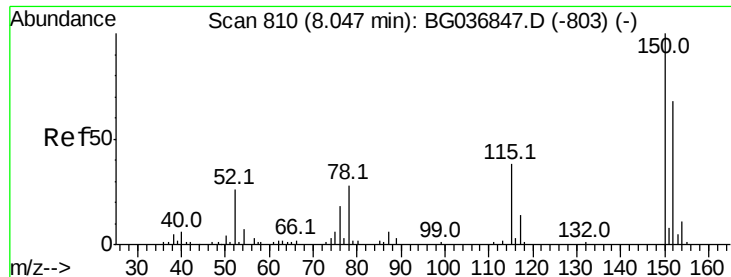
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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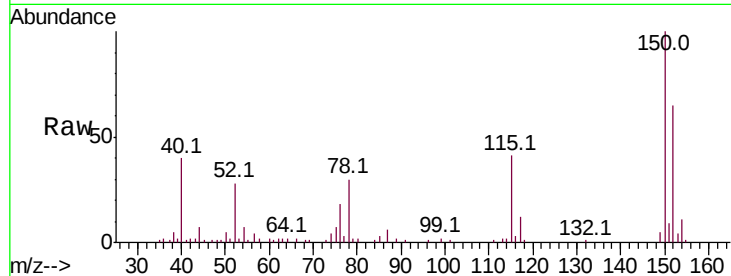


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG037163.D
Acq: 4 Oct 2018 20:06

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	119.5	179.3
115	62.4	44.5	66.7

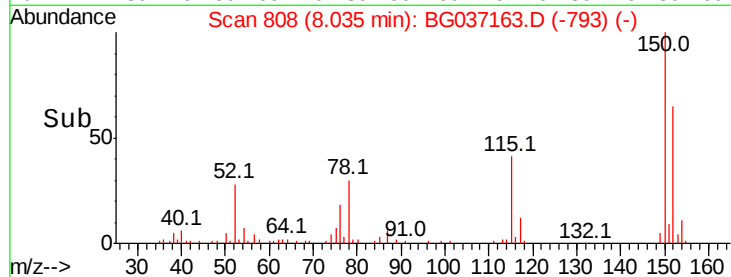
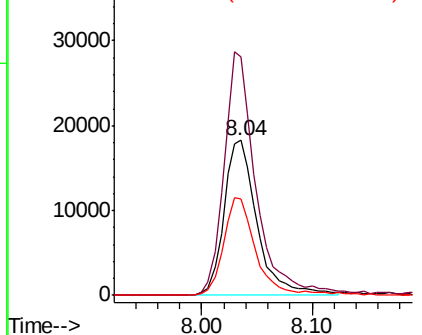


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

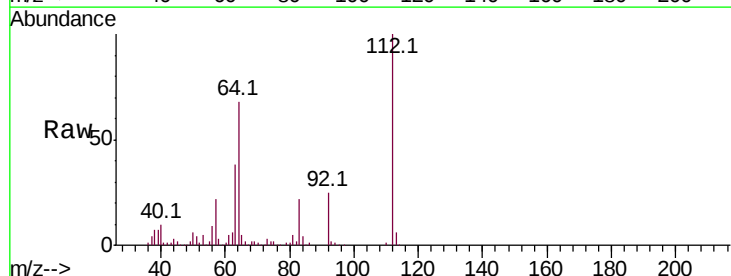
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 123.327 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.01 min
Lab File: BG037163.D
Acq: 4 Oct 2018 20:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.3	57.2	85.8
63	38.1	30.8	46.2

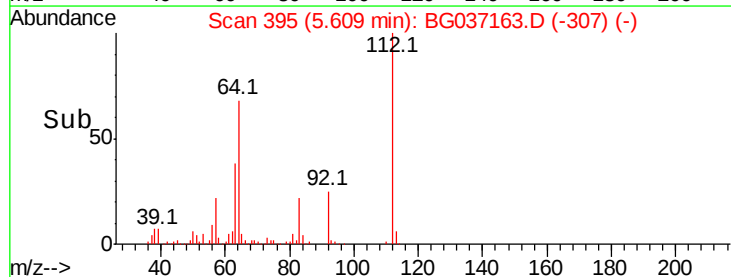
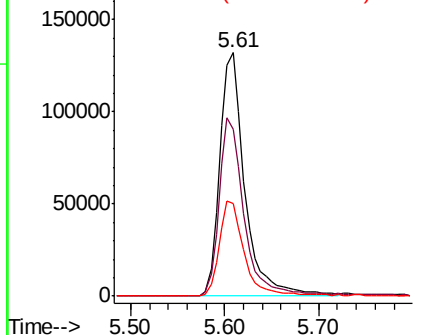


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 104.519 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG037163.D

Acq: 4 Oct 2018 20:06

Instrument :

BNA_G

ClientSampleId :

CL-01-100218-D

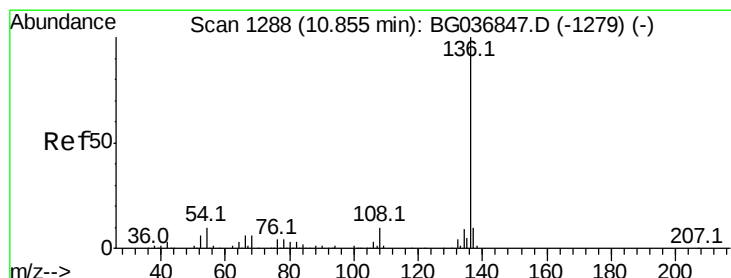
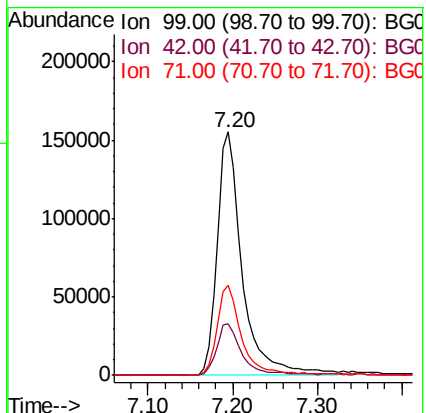
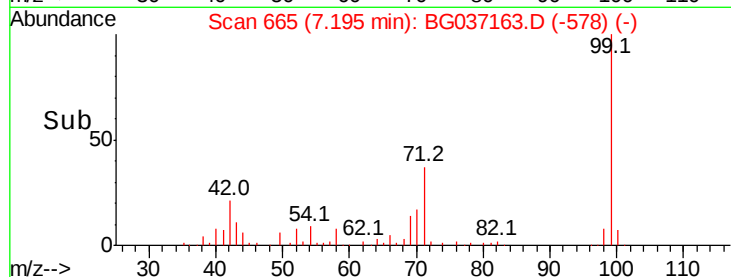
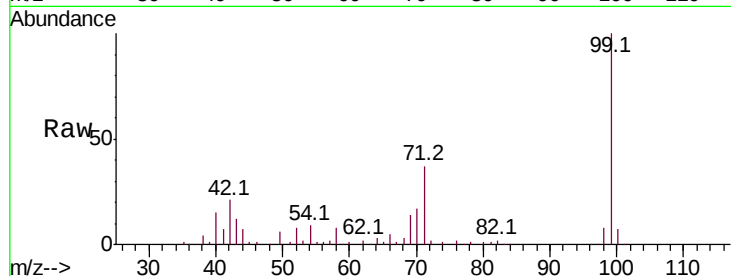
Tot Ion: 99 Resp: 322671

Ion Ratio Lower Upper

99 100

42 21.3 16.5 24.7

71 36.9 29.4 44.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BG037163.D

Acq: 4 Oct 2018 20:06

Tgt Ion:136 Resp: 158647

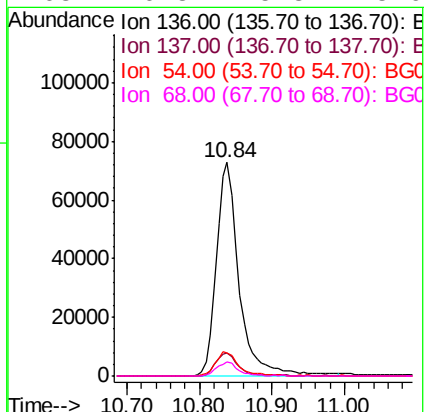
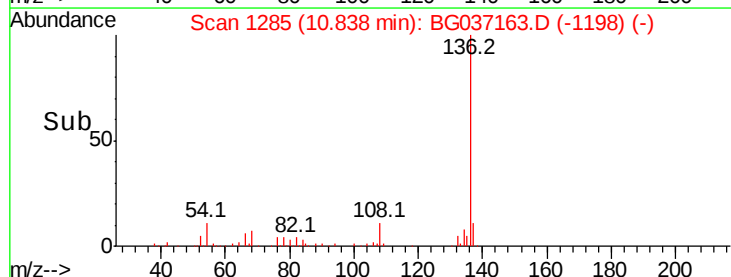
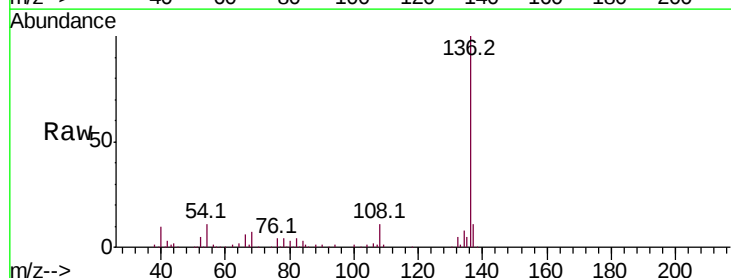
Ion Ratio Lower Upper

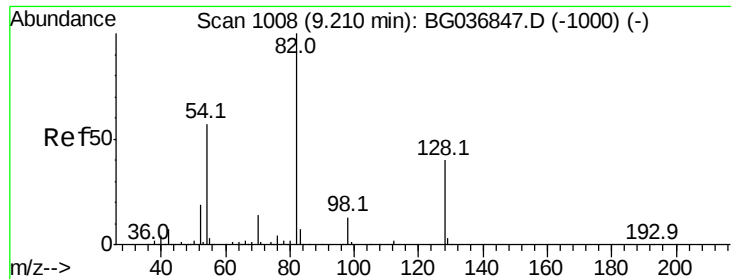
136 100

137 10.8 8.8 13.2

54 11.0 9.2 13.8

68 6.8 5.8 8.6

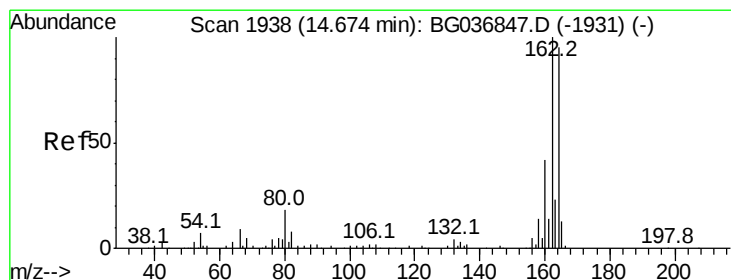
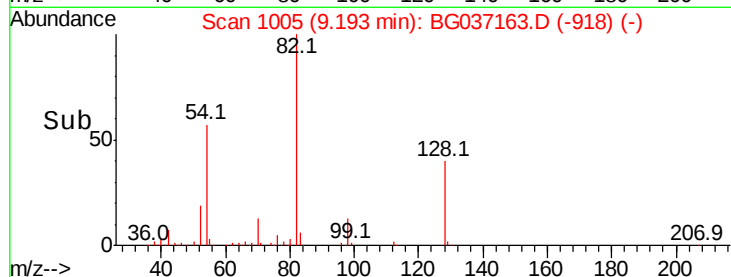
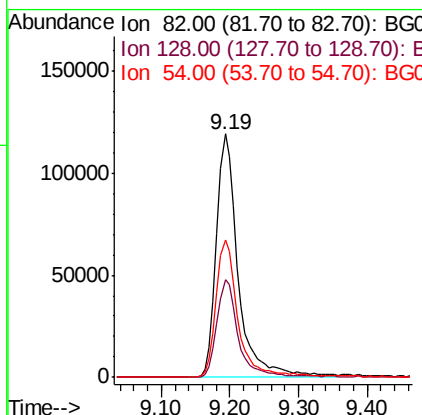
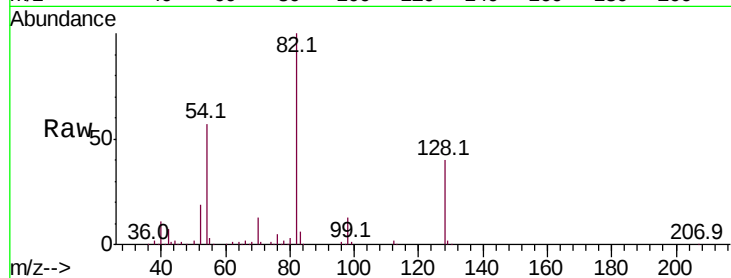




#23
Nitrobenzene-d5
Concen: 88.860 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037163.D
Acq: 4 Oct 2018 20:06

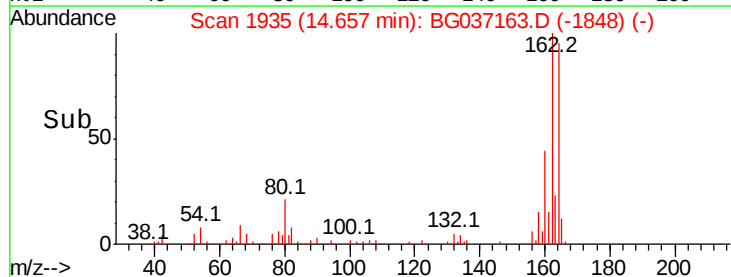
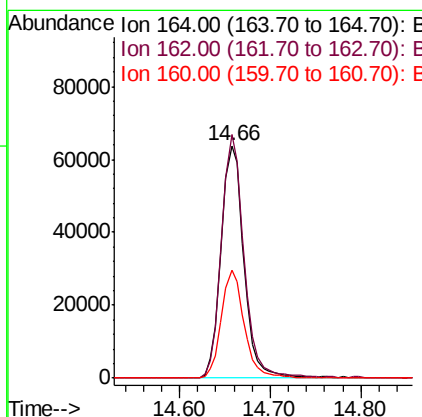
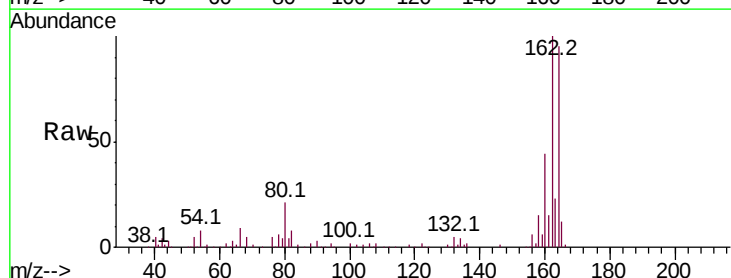
Instrument :
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CL-01-100218-D

Tot Ion	82	Resp	263250
Ion	Ratio	Lower	Upper
82	100		
128	40.4	33.3	49.9
54	56.6	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: BG037163.D
Acq: 4 Oct 2018 20:06

Tgt Ion	164	Resp	111440
Ion	Ratio	Lower	Upper
164	100		
162	104.9	80.7	121.1
160	46.5	35.3	52.9

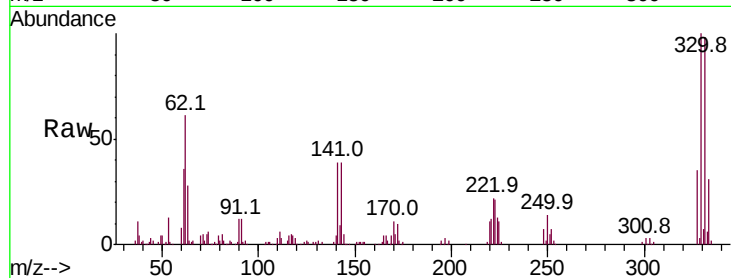




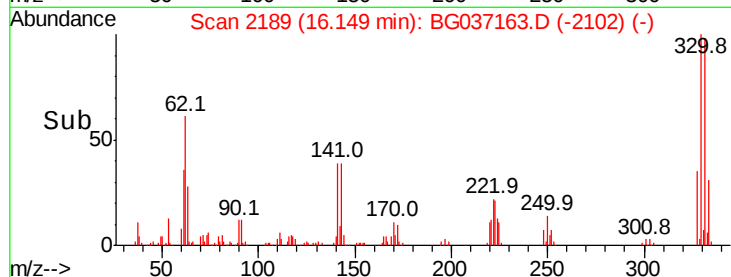
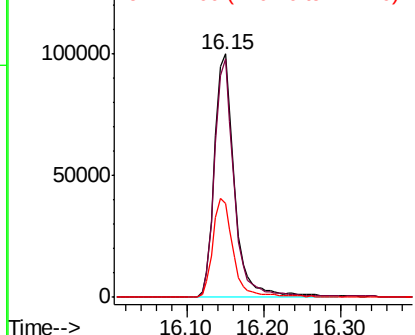
#41
 2,4,6-Tribromophenol
 Concen: 134.723 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.02 min
 Lab File: BG037163.D
 Acq: 4 Oct 2018 20:06

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

Tot Ion:330 Resp: 179628
 Ion Ratio Lower Upper
 330 100
 332 95.8 75.4 113.2
 141 41.3 30.7 46.1

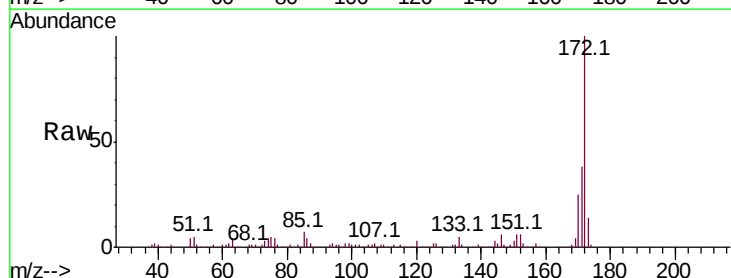


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

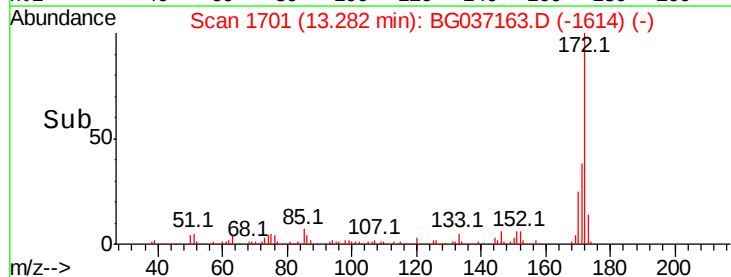
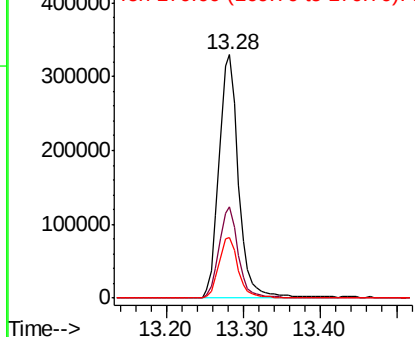


#44
 2-Fluorobiphenyl
 Concen: 77.740 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG037163.D
 Acq: 4 Oct 2018 20:06

Tgt Ion:172 Resp: 581671
 Ion Ratio Lower Upper
 172 100
 171 37.5 31.3 46.9
 170 24.7 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

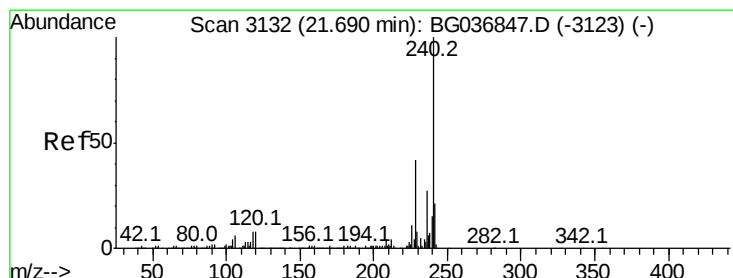
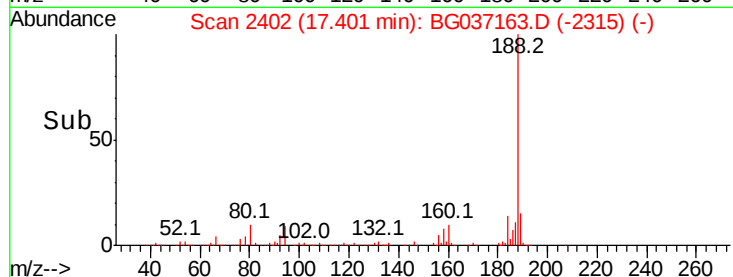
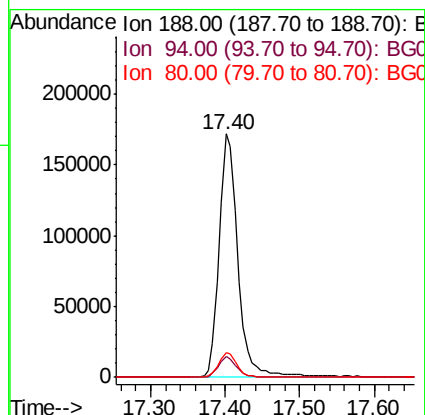
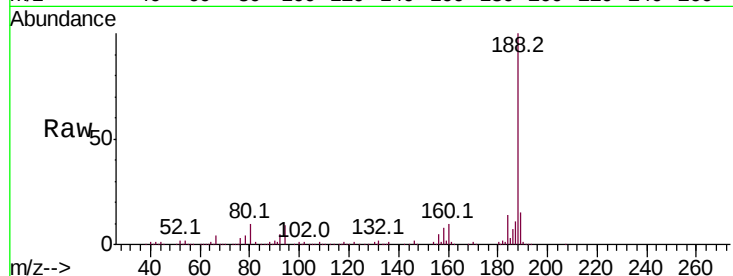




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.02 min
Lab File: BG037163.D
Acq: 4 Oct 2018 20:06

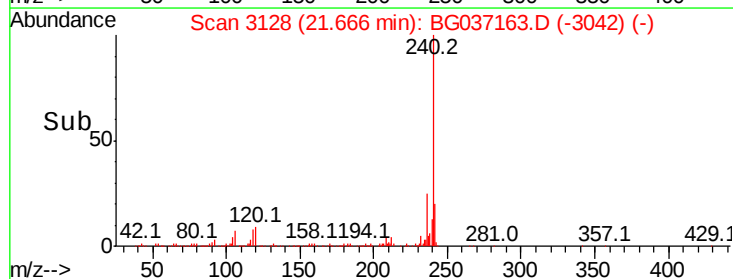
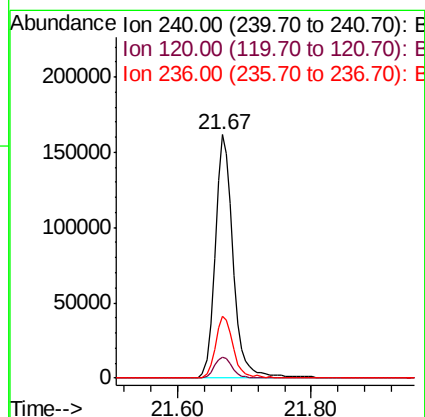
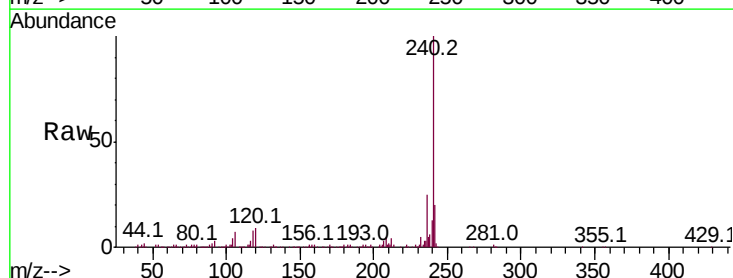
Instrument :
BNA_G
ClientSampleId :
CL-01-100218-D

Tot Ion:188 Resp: 299762
Ion Ratio Lower Upper
188 100
94 8.6 6.7 10.1
80 10.3 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: BG037163.D
Acq: 4 Oct 2018 20:06

Tgt Ion:240 Resp: 305818
Ion Ratio Lower Upper
240 100
120 8.5 6.9 10.3
236 25.4 21.2 31.8



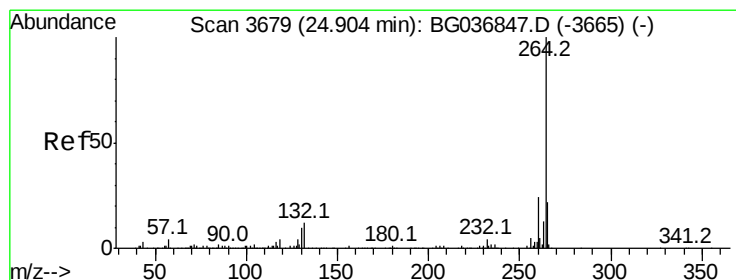
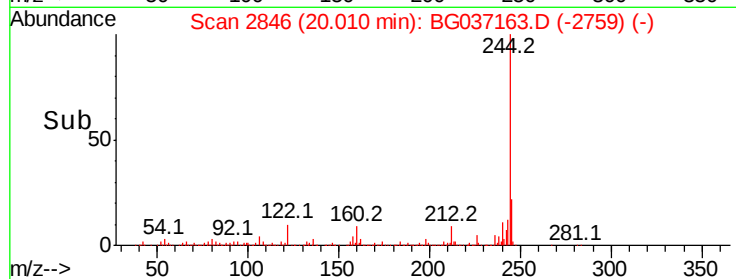
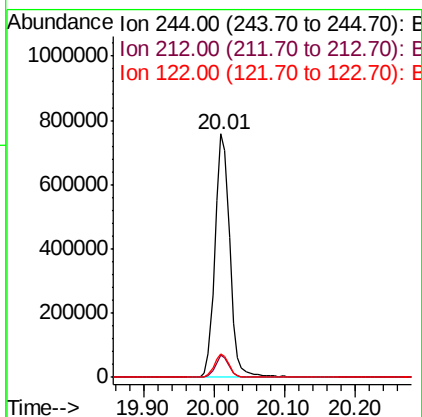
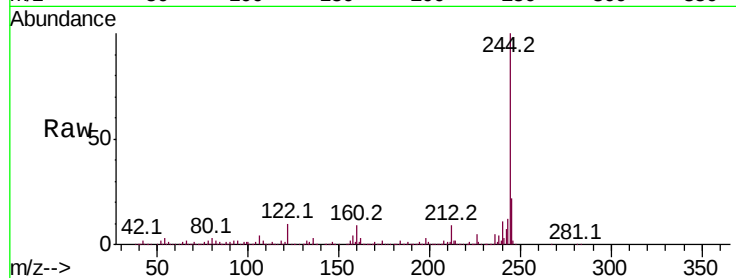


#78
 Terphenyl-d14
 Concen: 95.505 ng
 RT: 20.01 min Scan# 2846
 Delta R.T. -0.02 min
 Lab File: BG037163.D
 Acq: 4 Oct 2018 20:06

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

Tot Ion:244 Resp: 1110753

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.6
122	9.6	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: BG037163.D
 Acq: 4 Oct 2018 20:06

Tgt Ion:264 Resp: 300945

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	21.2	17.4	26.0

