

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100918\
 Data File : BG037233.D
 Acq On : 10 Oct 2018 1:20
 Operator : JU/SJ
 Sample : J5201-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-100818-B

Quant Time: Oct 10 07:06:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 10 06:57:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	40694	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	157546	20.00	ng	0.00
38) Acenaphthene-d10	14.59	164	97952	20.00	ng	0.00
63) Phenanthrene-d10	17.33	188	260424	20.00	ng	0.00
75) Chrysene-d12	21.58	240	308272	20.00	ng	0.00
86) Perylene-d12	24.71	264	299169	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	248491	117.11	ng	0.00
7) Phenol-d6	7.11	99	305141	92.95	ng	0.00
23) Nitrobenzene-d5	9.11	82	243974	82.93	ng	0.00
41) 2,4,6-Tribromophenol	16.07	330	150369	128.31	ng	0.00
44) 2-Fluorobiphenyl	13.21	172	521438	79.29	ng	0.00
78) Terphenyl-d14	19.94	244	1088101	92.81	ng	0.00

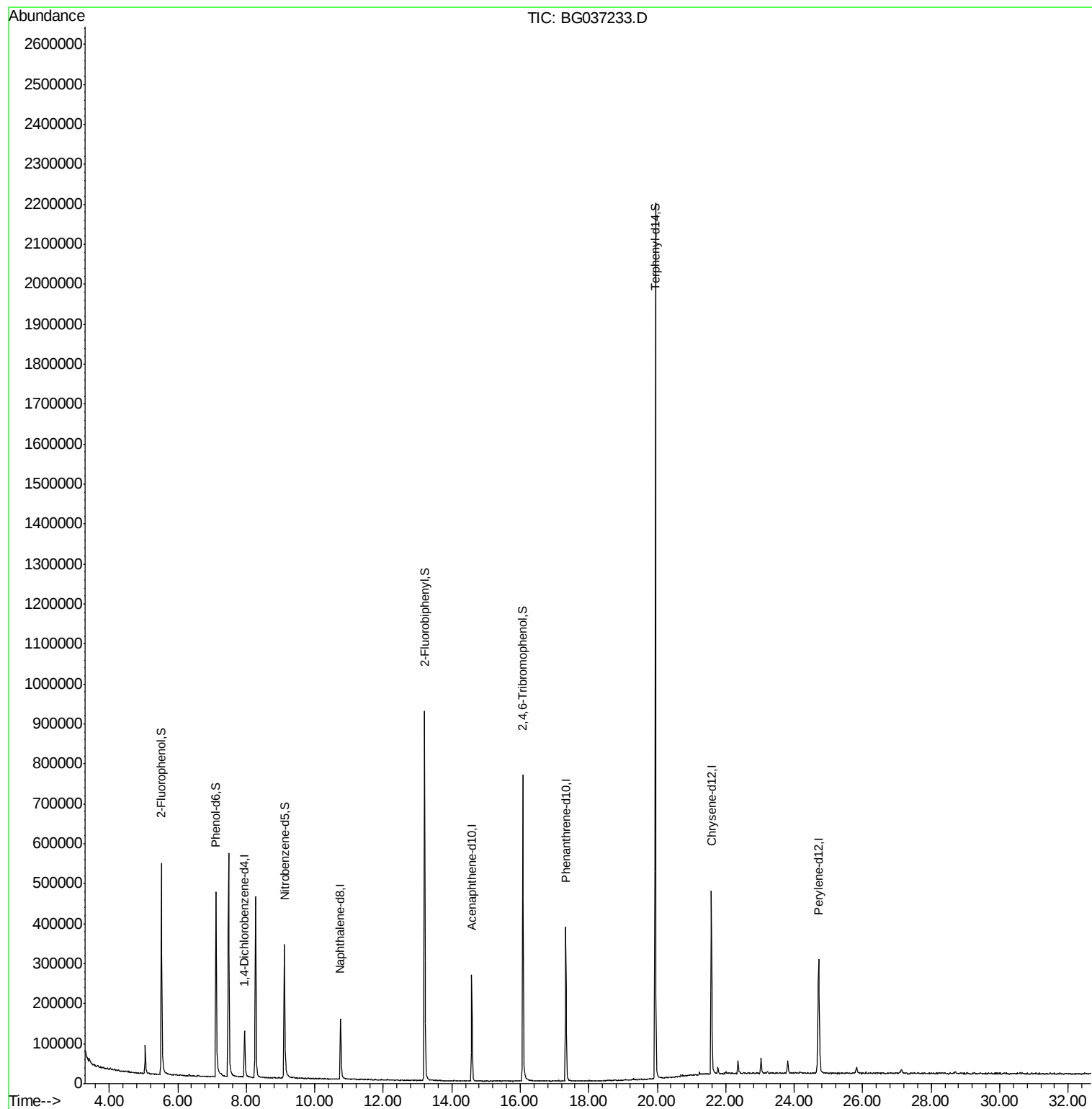
Target Compounds	Qvalue
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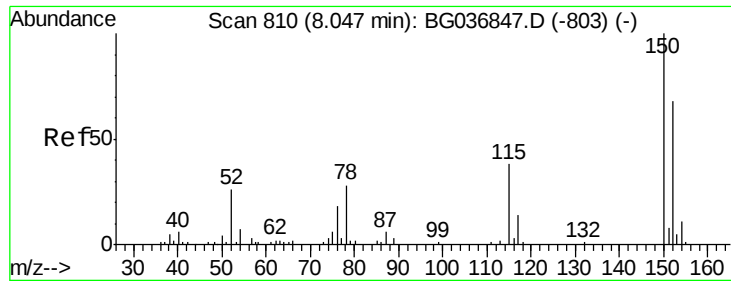
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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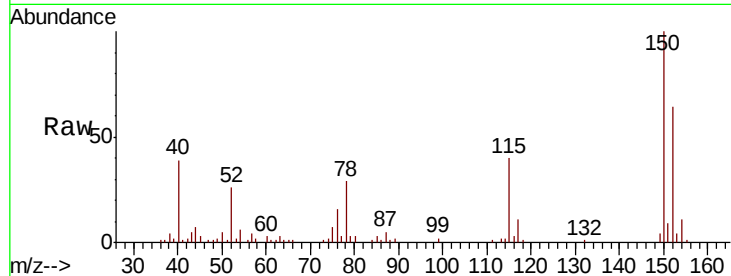




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.95 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BG037233.D
 Acq: 10 Oct 2018 1:20

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-100818-B

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.2	119.5	179.3
115	62.2	44.5	66.7

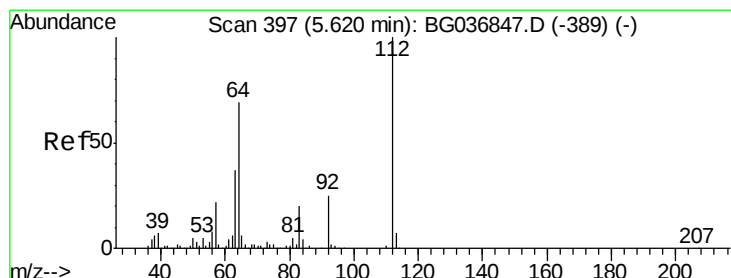
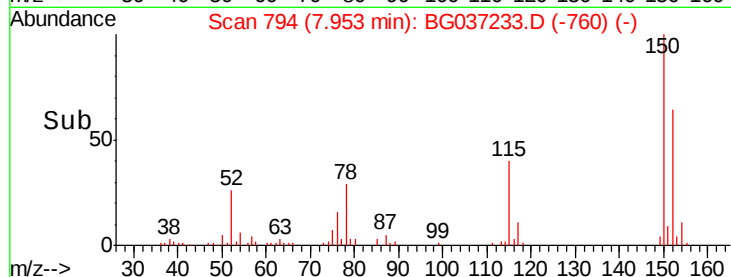
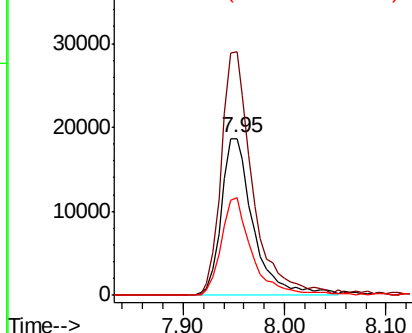


Abundance

Ion 152.00 (151.70 to 152.70): E

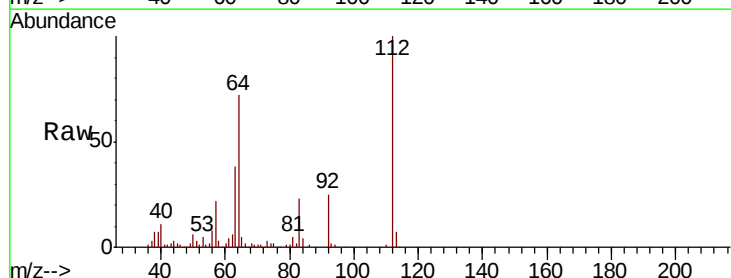
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 117.106 ng
 RT: 5.52 min Scan# 380
 Delta R.T. 0.00 min
 Lab File: BG037233.D
 Acq: 10 Oct 2018 1:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.5	57.2	85.8
63	38.4	30.8	46.2

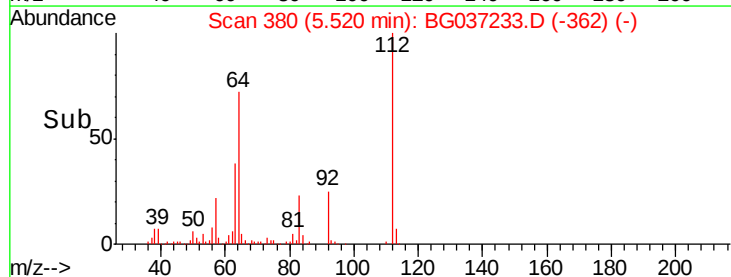
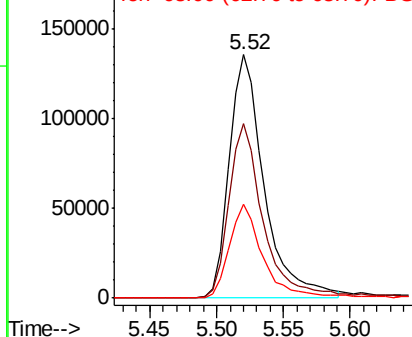


Abundance

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: 92.946 ng

RT: 7.11 min Scan# 651

Delta R.T. -0.00 min

Lab File: BG037233.D

Acq: 10 Oct 2018 1:20

Instrument :

BNA_G

ClientSampleId :

EO-02-100818-B

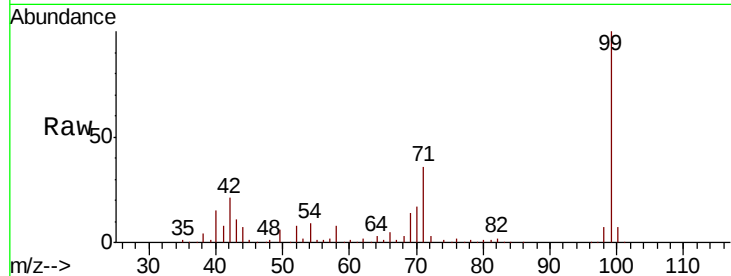
Tgt Ion: 99 Resp: 305141

Ion Ratio Lower Upper

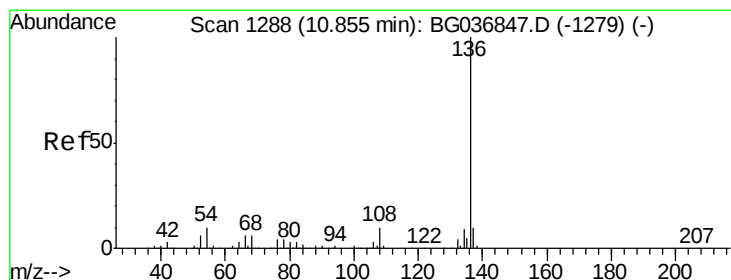
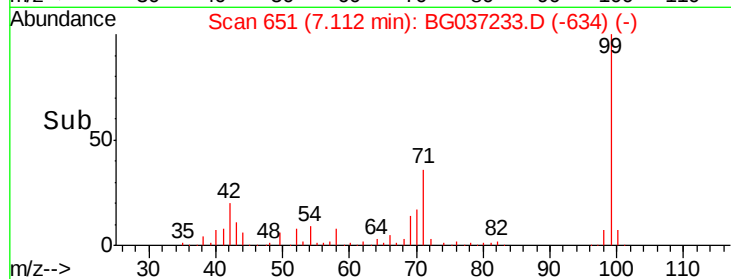
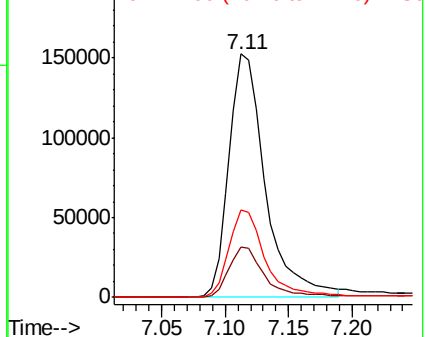
99 100

42 20.6 16.5 24.7

71 36.1 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: 10.76 min Scan# 1271

Delta R.T. -0.00 min

Lab File: BG037233.D

Acq: 10 Oct 2018 1:20

Tgt Ion: 136 Resp: 157546

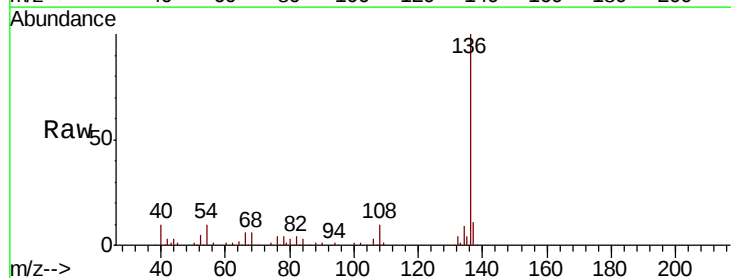
Ion Ratio Lower Upper

136 100

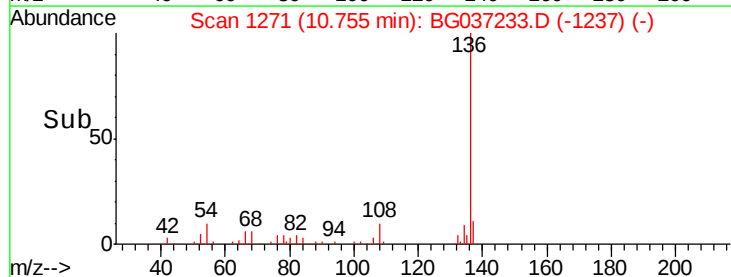
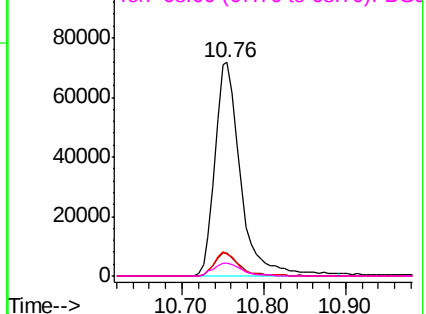
137 10.8 8.8 13.2

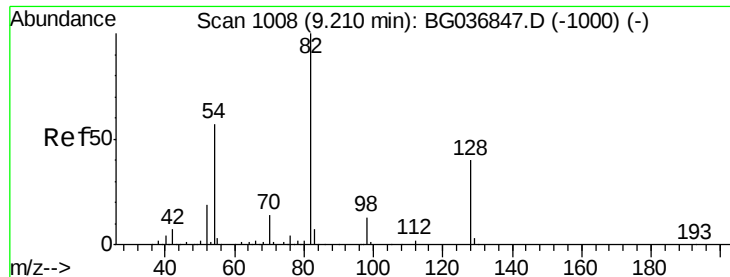
54 10.2 9.2 13.8

68 6.1 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: 82.929 ng

RT: 9.11 min Scan# 991

Delta R.T. -0.00 min

Lab File: BG037233.D

Acq: 10 Oct 2018 1:20

Instrument :

BNA_G

ClientSampleId :

EO-02-100818-B

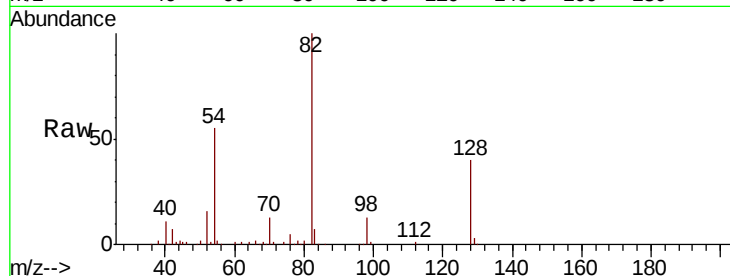
Tgt Ion: 82 Resp: 243974

Ion Ratio Lower Upper

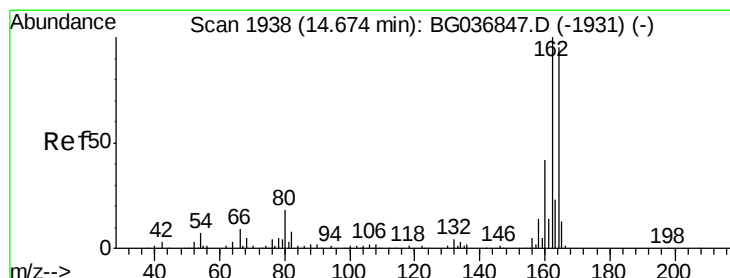
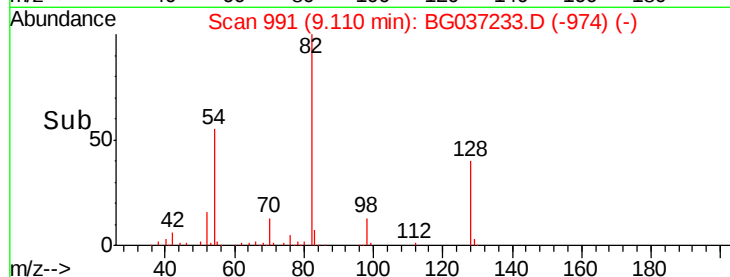
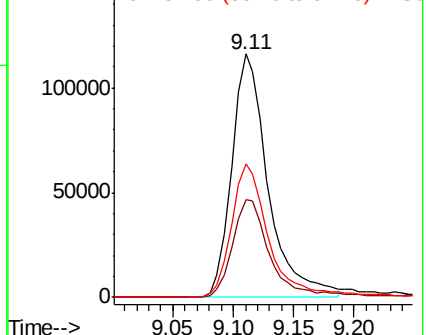
82 100

128 39.9 33.3 49.9

54 55.1 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: 14.59 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BG037233.D

Acq: 10 Oct 2018 1:20

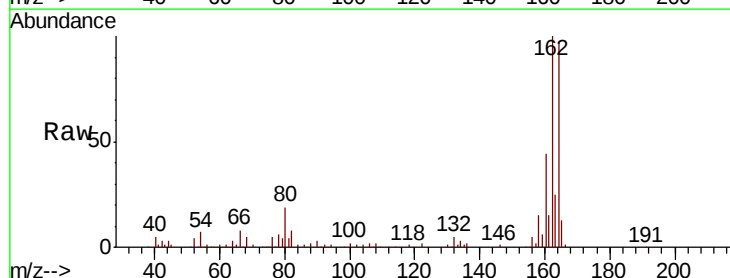
Tgt Ion: 164 Resp: 97952

Ion Ratio Lower Upper

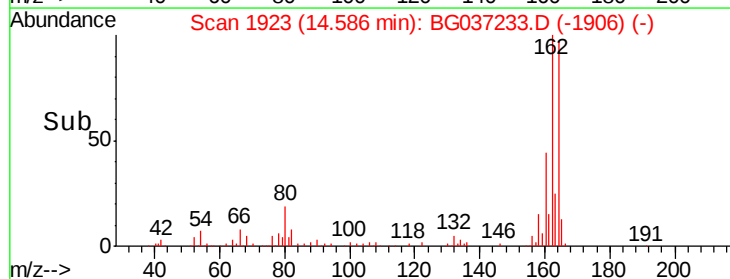
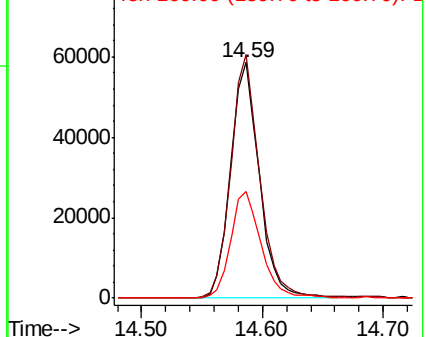
164 100

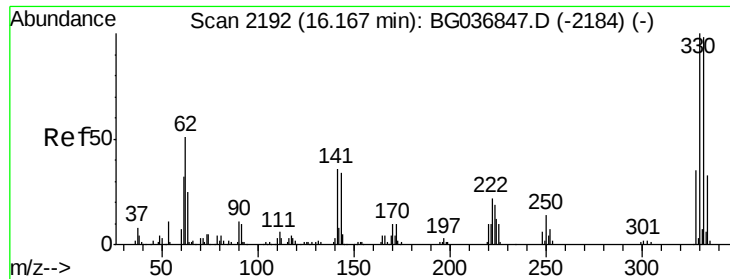
162 103.4 80.7 121.1

160 45.2 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

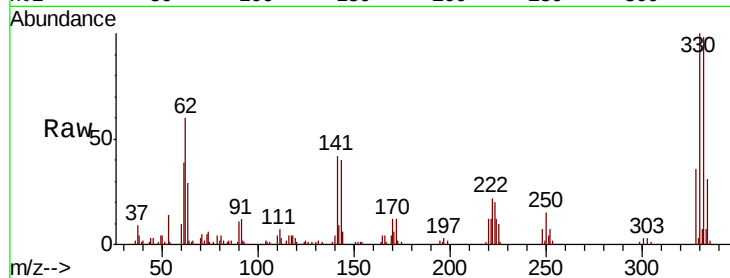




#41
 2,4,6-Tribromophenol
 Concen: 128.308 ng
 RT: 16.07 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: BG037233.D
 Acq: 10 Oct 2018 1:20

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-100818-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.4	113.2
141	41.0	30.7	46.1

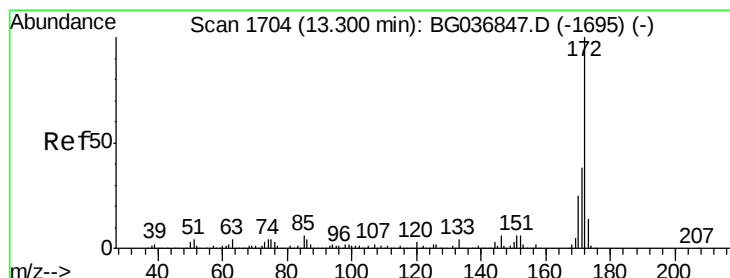
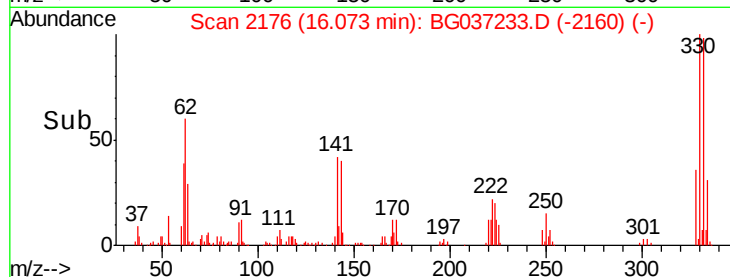
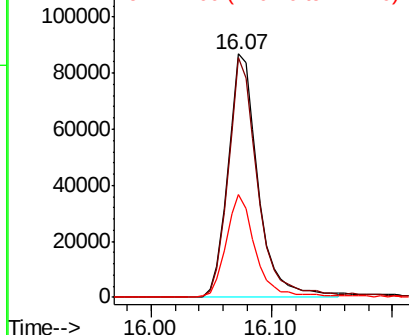


Abundance

Ion 329.80 (329.50 to 330.50): E

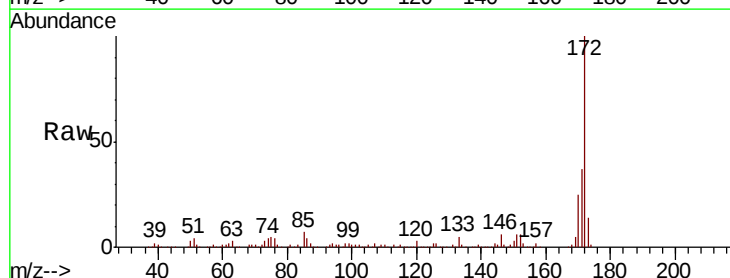
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 79.286 ng
 RT: 13.21 min Scan# 1688
 Delta R.T. -0.00 min
 Lab File: BG037233.D
 Acq: 10 Oct 2018 1:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	31.3	46.9
170	24.6	21.0	31.6

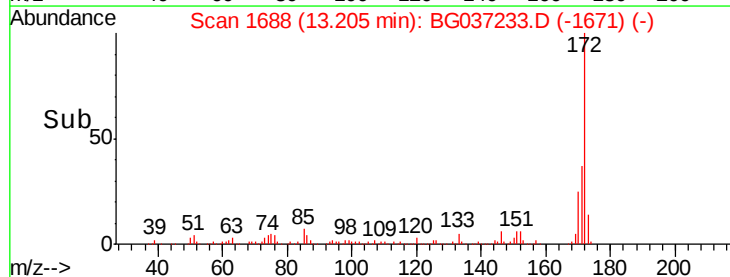
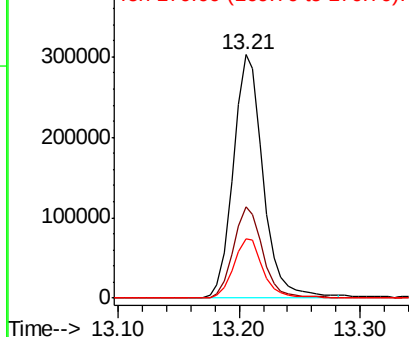


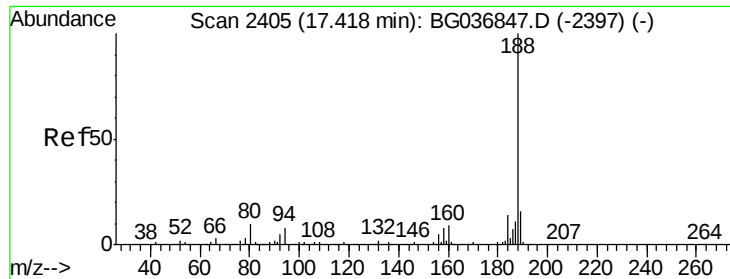
Abundance

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

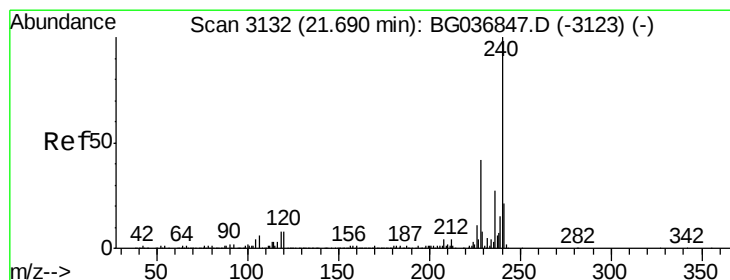
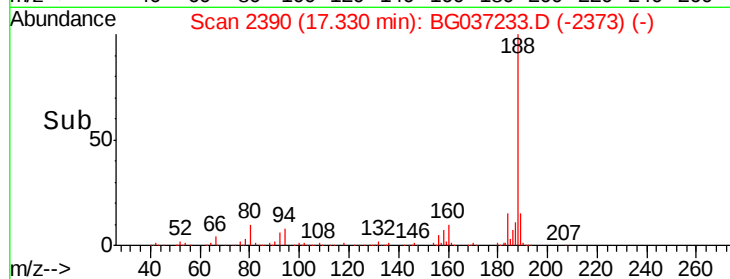
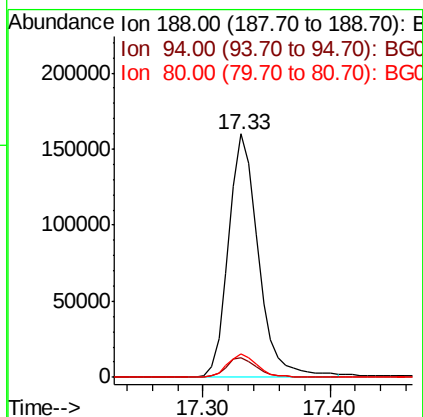
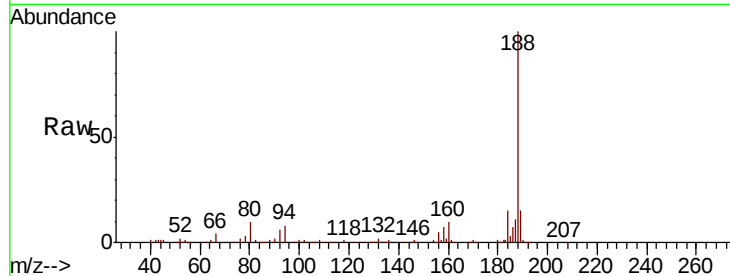




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.33 min Scan# 2390
Delta R.T. -0.00 min
Lab File: BG037233.D
Acq: 10 Oct 2018 1:20

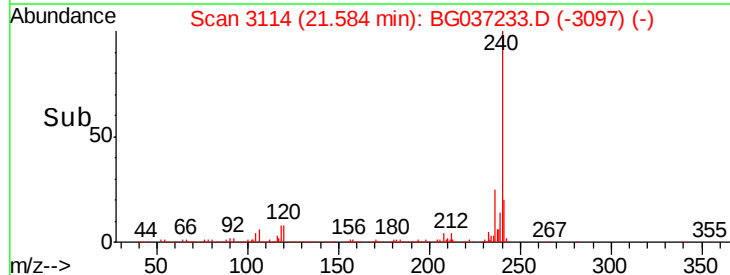
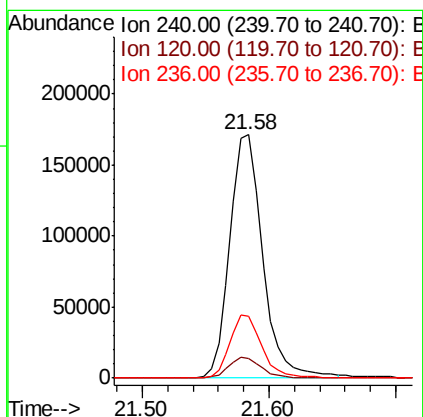
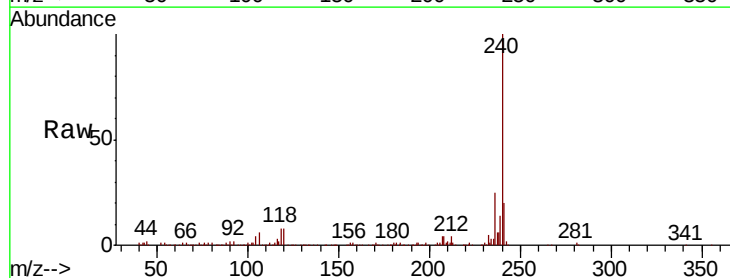
Instrument :
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EO-02-100818-B

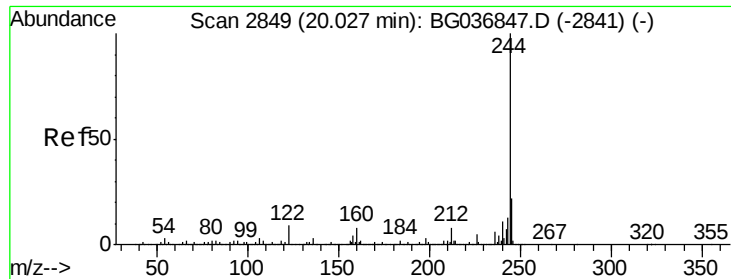
Tgt Ion:188 Resp: 260424
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 9.5 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.58 min Scan# 3114
Delta R.T. -0.00 min
Lab File: BG037233.D
Acq: 10 Oct 2018 1:20

Tgt Ion:240 Resp: 308272
Ion Ratio Lower Upper
240 100
120 8.3 6.9 10.3
236 25.5 21.2 31.8





#78

Terphenyl-d14

Concen: 92.813 ng

RT: 19.94 min Scan# 2835

Delta R.T. -0.00 min

Lab File: BG037233.D

Acq: 10 Oct 2018 1:20

Instrument :

BNA_G

ClientSampleId :

EO-02-100818-B

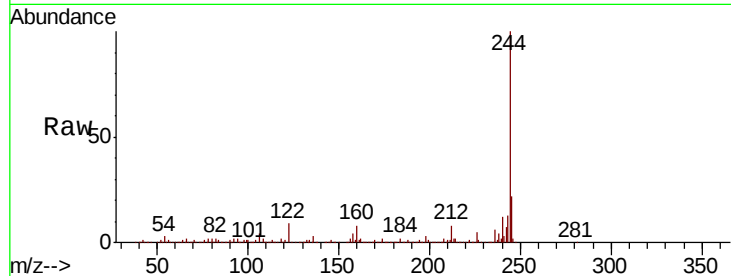
Tgt Ion:244 Resp: 1088101

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

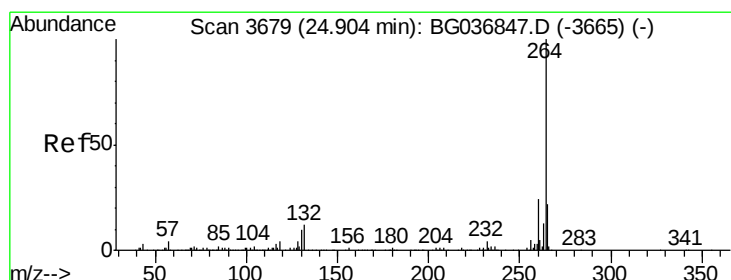
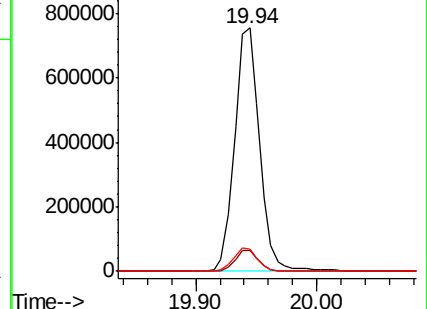
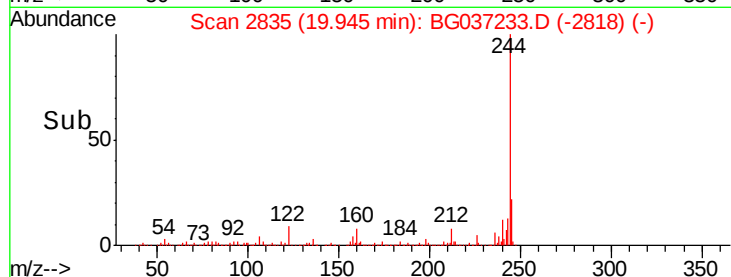
122 9.3 7.1 10.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.71 min Scan# 3646

Delta R.T. -0.01 min

Lab File: BG037233.D

Acq: 10 Oct 2018 1:20

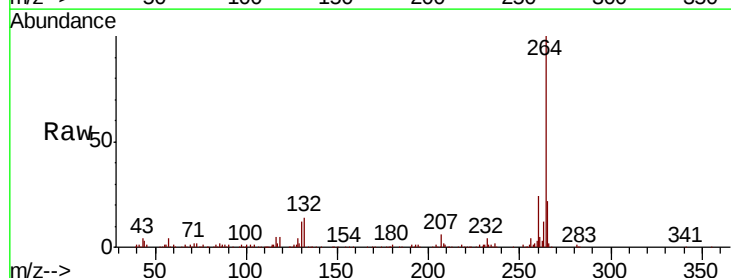
Tgt Ion:264 Resp: 299169

Ion Ratio Lower Upper

264 100

260 24.3 19.6 29.4

265 21.7 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

