

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

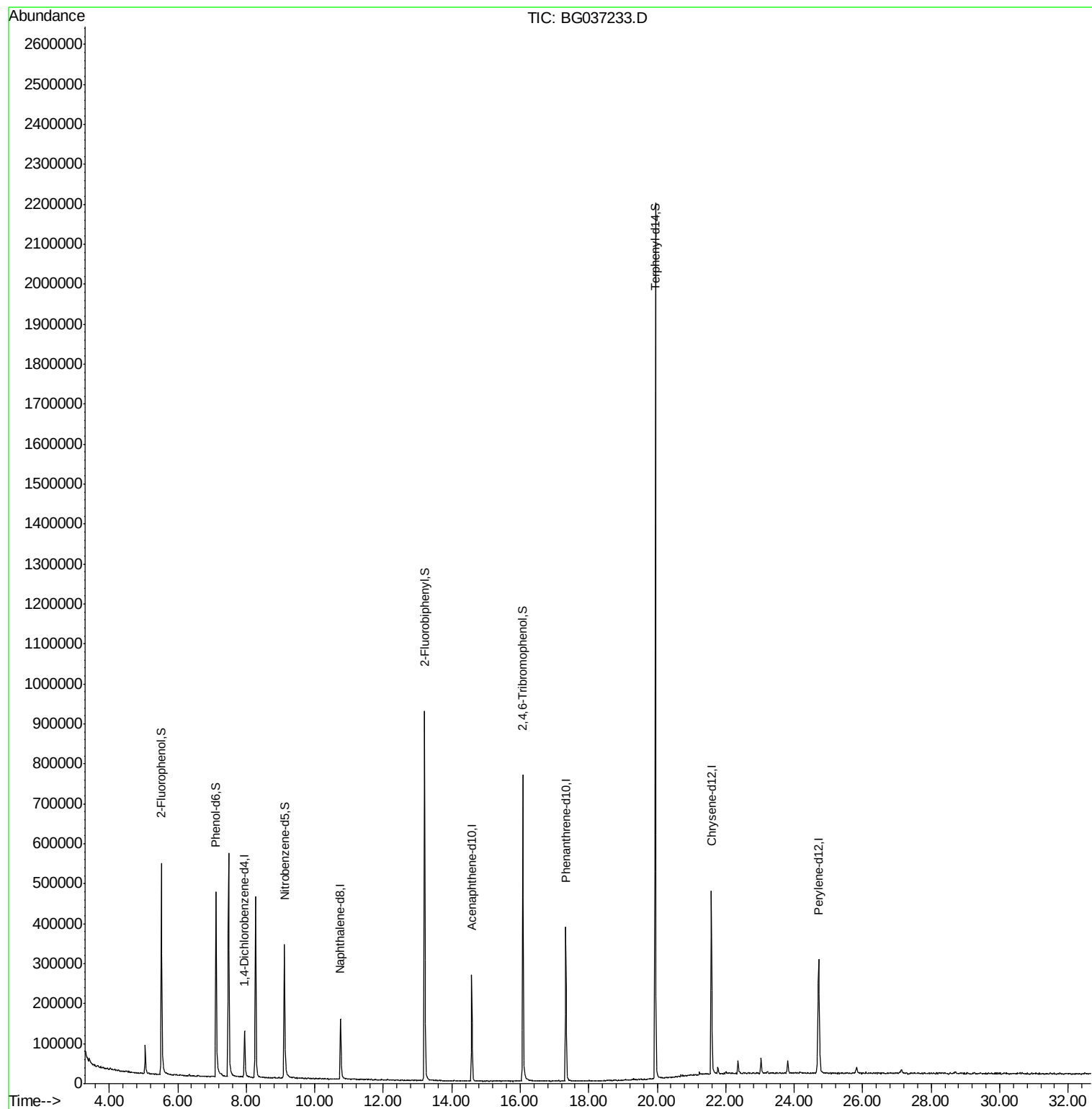
Target Compounds Qvalue

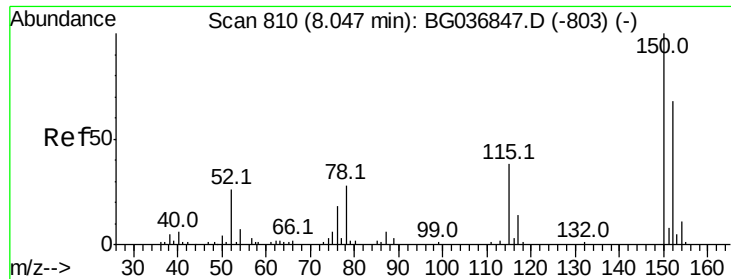
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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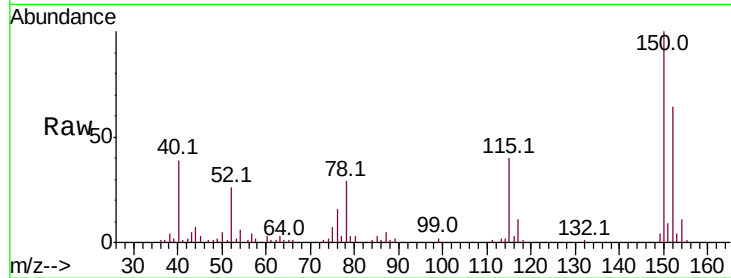


#1

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

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

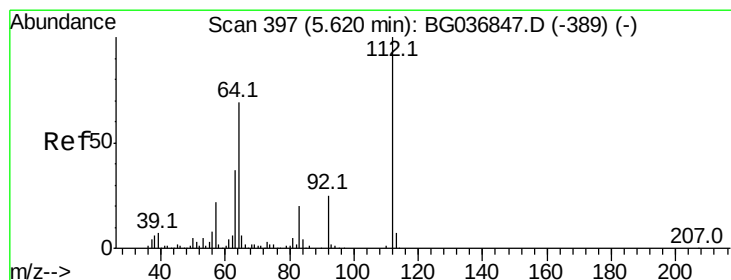
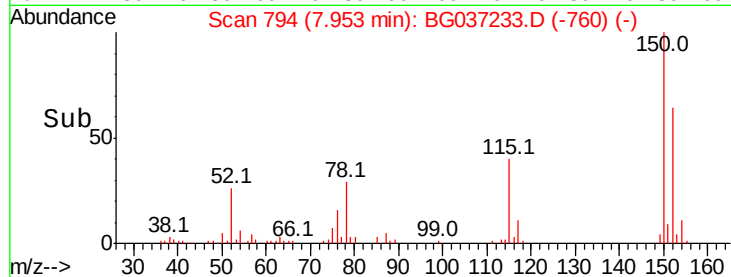
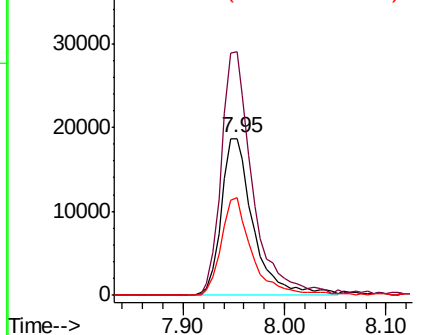


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

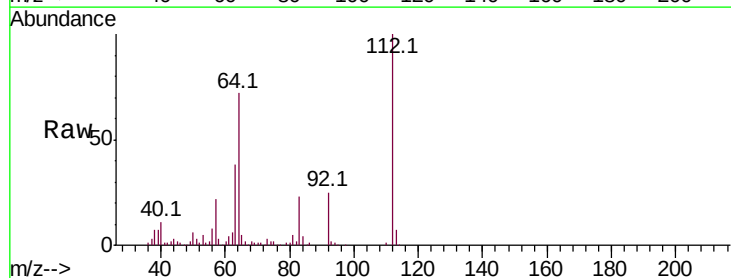
Ion 115.00 (114.70 to 115.70): E



#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

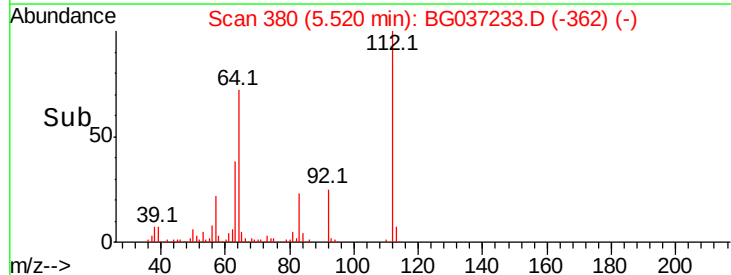
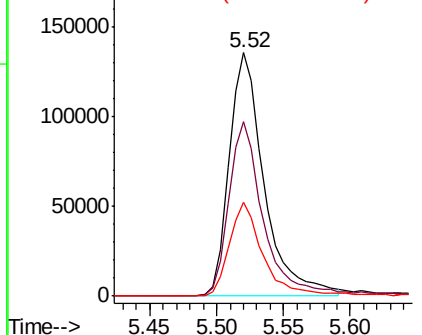


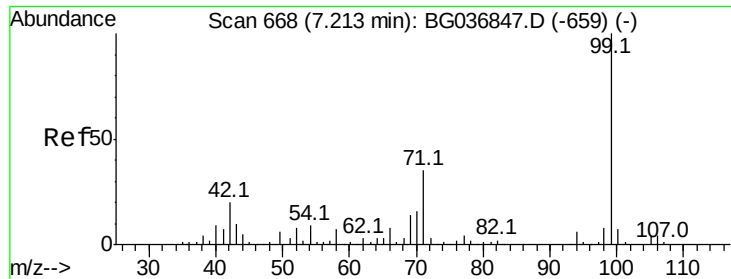
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#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

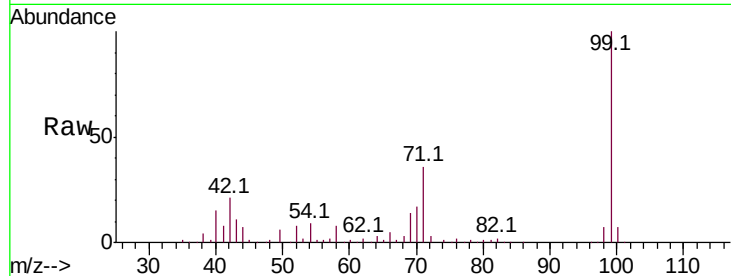
Tot Ion: 99 Resp: 305141

Ion Ratio Lower Upper

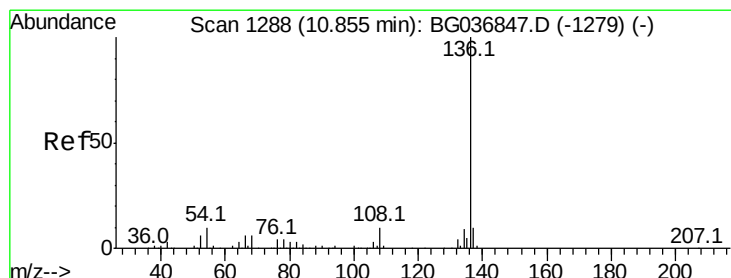
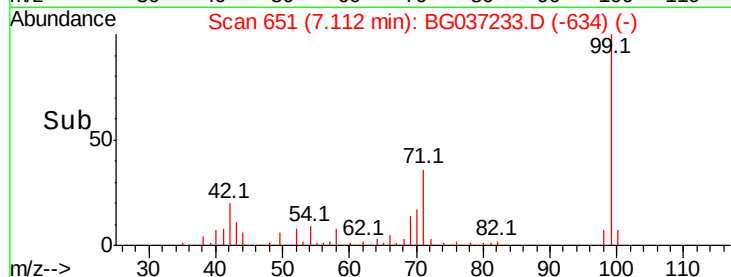
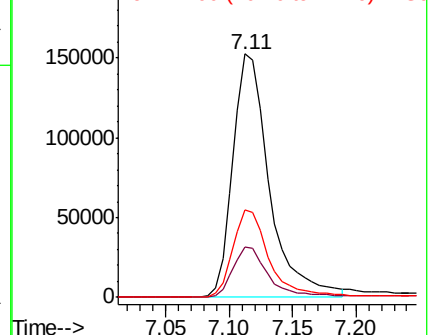
99 100

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

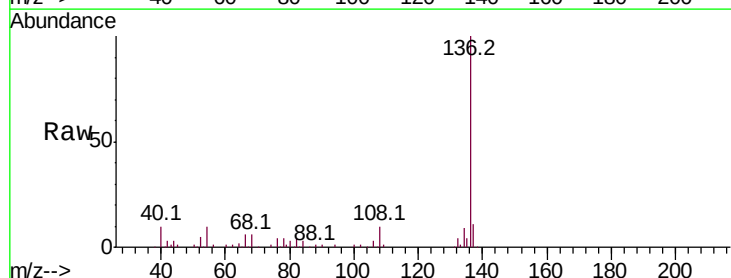
Ion Ratio Lower Upper

136 100

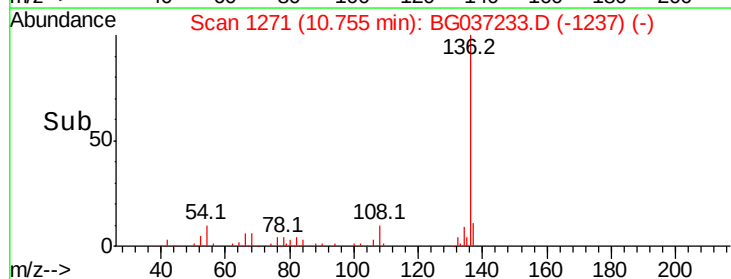
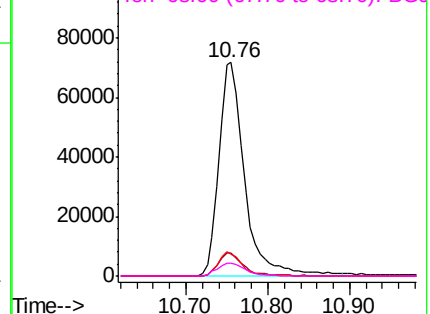
137 10.8 8.8 13.2

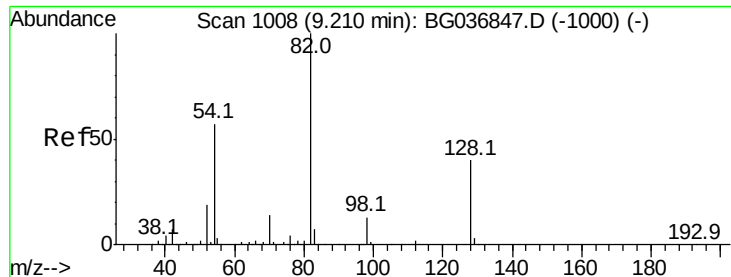
54 10.2 9.2 13.8

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

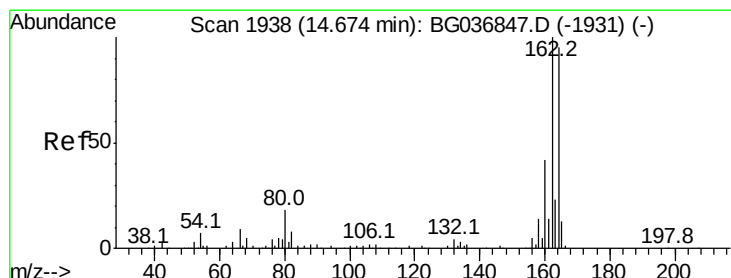
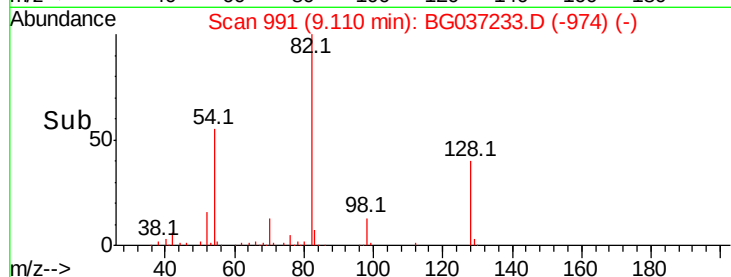
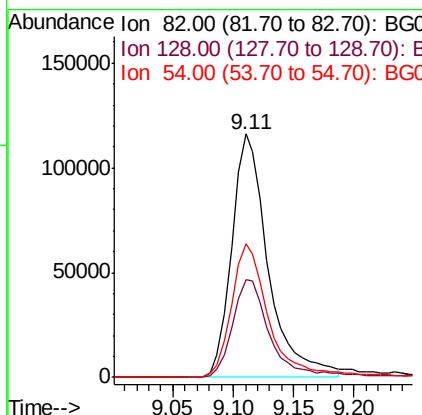
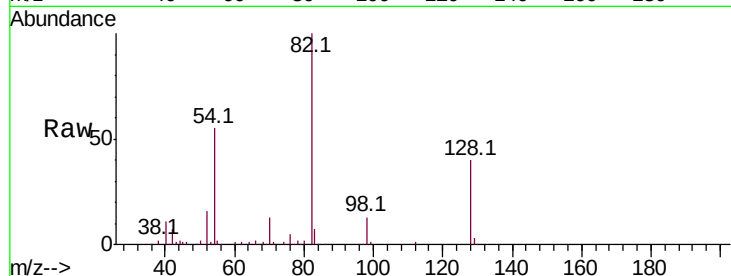




#23
Nitrobenzene-d5
Concen: 82.929 ng
RT: 9.11 min Scan# 991
Delta R.T. -0.00 min
Lab File: BG037233.D
Acq: 10 Oct 2018 1:20

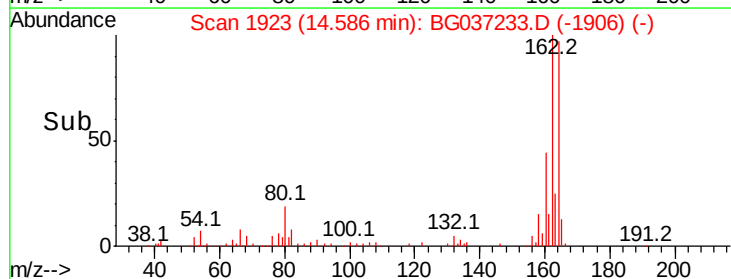
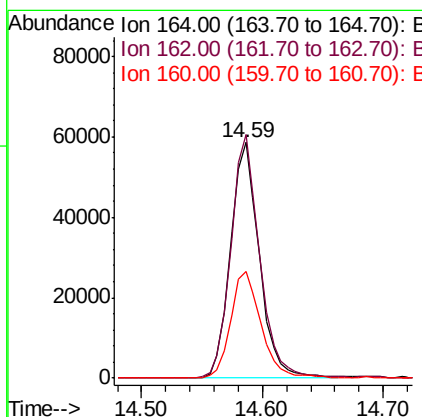
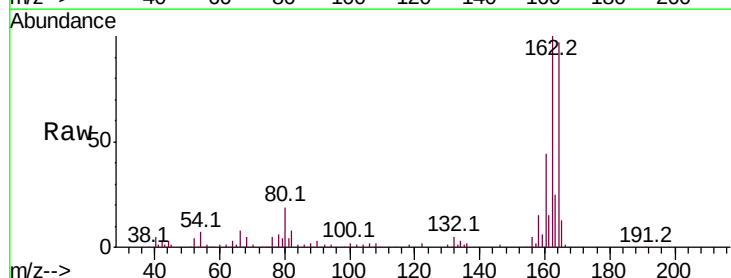
Instrument :
BNA_G
ClientSampleId :
EO-02-100818-B

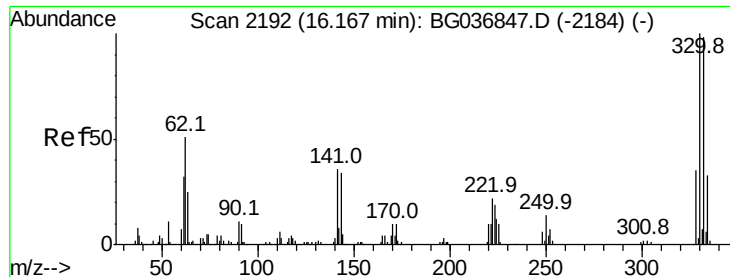
Tot Ion	82	Resp	243974
Ion Ratio	Lower	Upper	
82	100		
128	39.9	33.3	49.9
54	55.1	45.1	67.7



#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

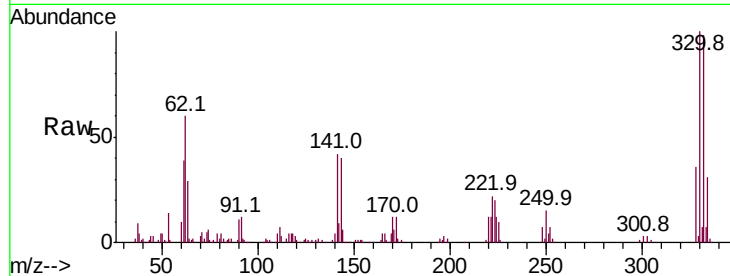




#41
 2,4,6-Tribromophenol
 Concen: 128.308 ng
 RT: 16.07 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: BG037233.D
 Acq: 10 Oct 2018 1:20

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

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

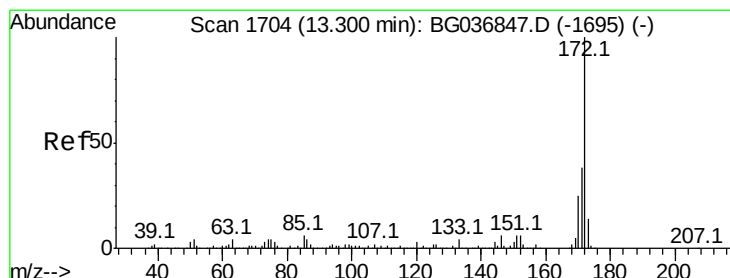
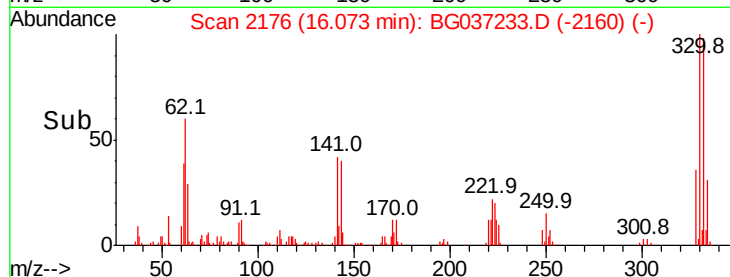
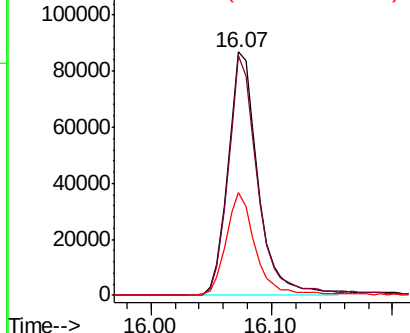


Abundance

Ion 329.80 (329.50 to 330.50): E

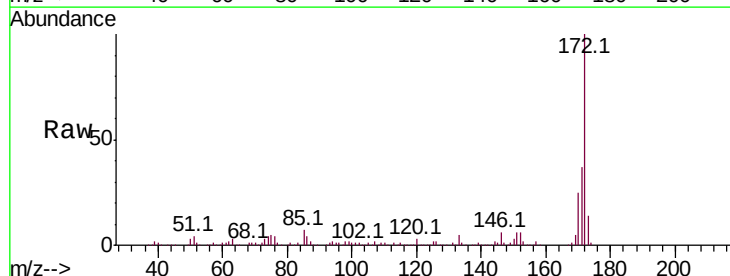
Ion 331.80 (331.50 to 332.50): E

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

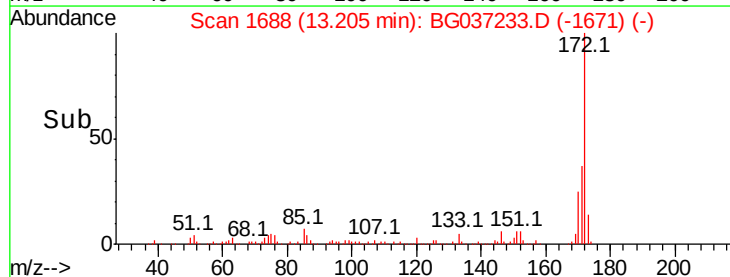
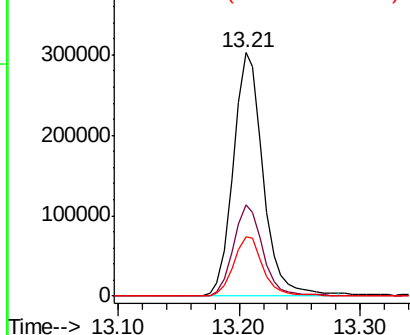


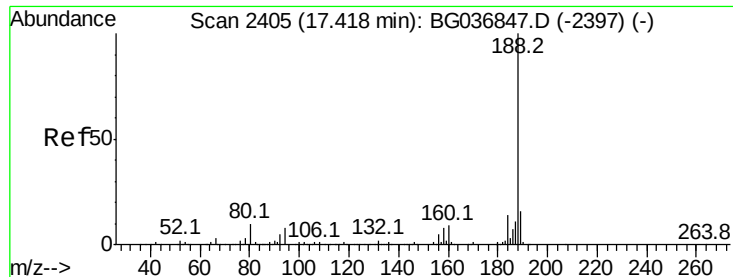
Abundance

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

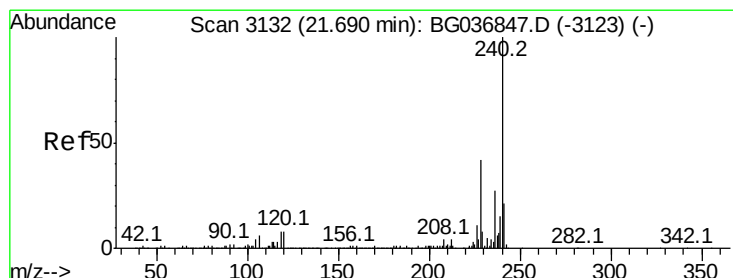
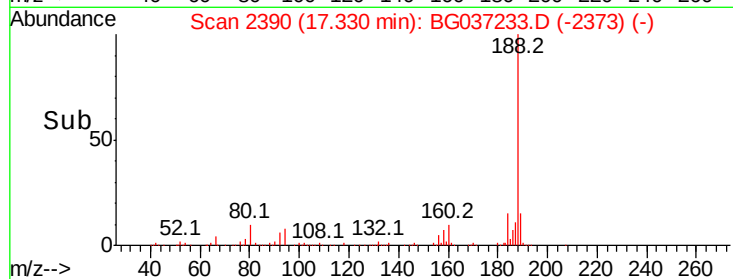
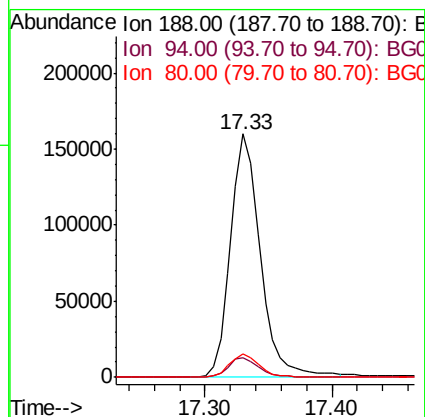
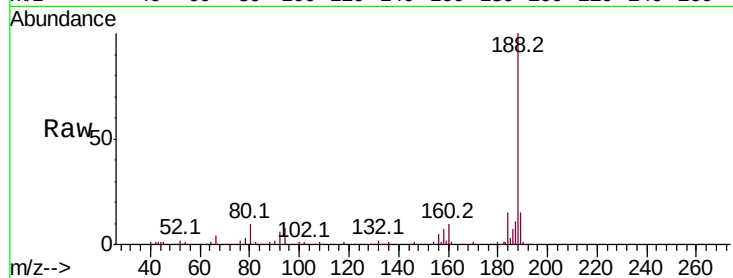




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.33 min Scan# 2390
Delta R.T. -0.00 min
Lab File: BG037233.D
Acq: 10 Oct 2018 1:20

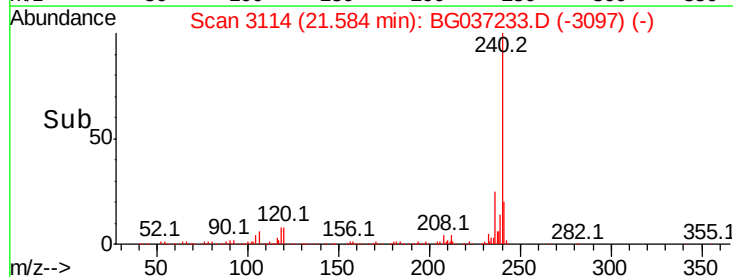
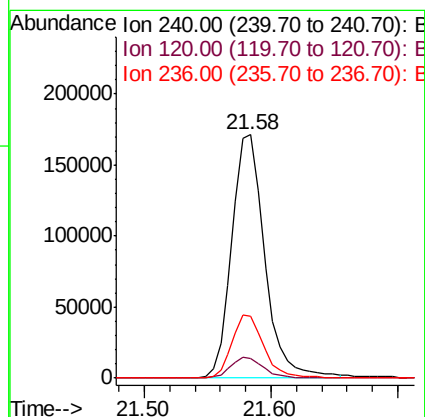
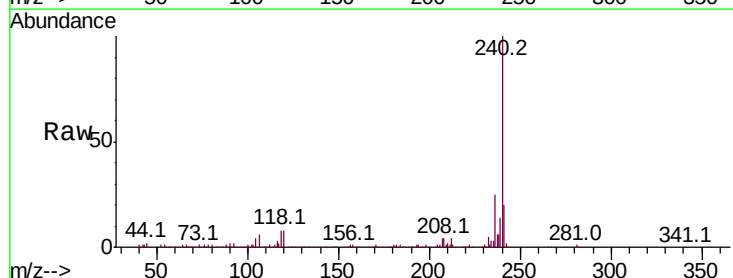
Instrument :
BNA_G
ClientSampleId :
EO-02-100818-B

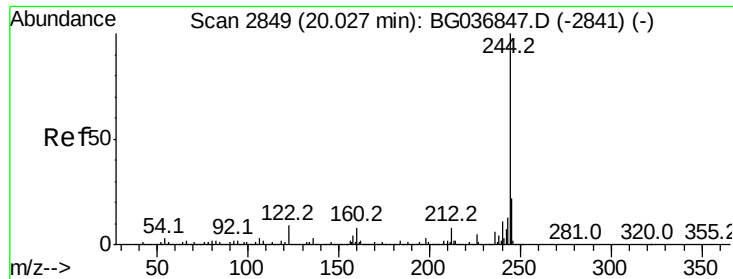
Tot Ion:188 Resp: 260424
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 9.5 8.1 12.1



#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

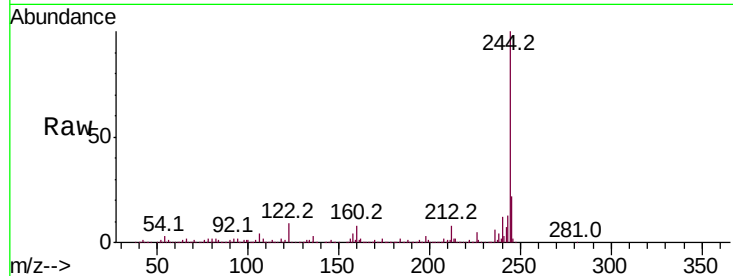
Tot Ion:244 Resp: 1088101

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.6
122	9.3	7.1	10.7

244 100

212 8.4 7.0 10.6

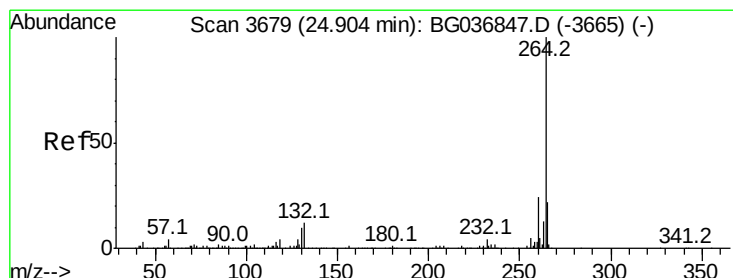
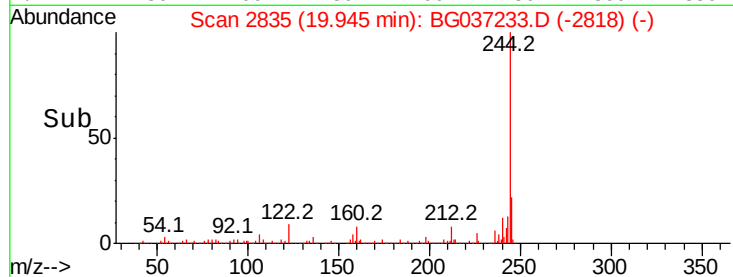
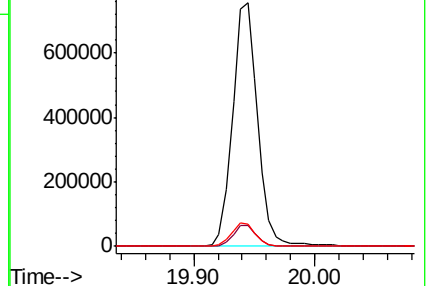
122 9.3 7.1 10.7



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

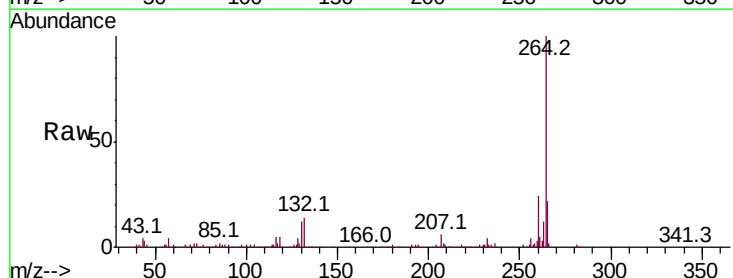
Tgt Ion:264 Resp: 299169

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	21.7	17.4	26.0

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

