

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100918\
 Data File : BG037235.D
 Acq On : 10 Oct 2018 2:38
 Operator : JU/SJ
 Sample : J5200-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-100818-B

Quant Time: Oct 11 12:03:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 11:59:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	37881	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	149441	20.00	ng	0.00
38) Acenaphthene-d10	14.58	164	96680	20.00	ng	0.00
63) Phenanthrene-d10	17.33	188	265689	20.00	ng	0.00
75) Chrysene-d12	21.58	240	308093	20.00	ng	0.00
86) Perylene-d12	24.71	264	303363	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	238208	120.60	ng	0.00
7) Phenol-d6	7.11	99	296007	96.86	ng	0.00
23) Nitrobenzene-d5	9.11	82	242805	87.01	ng	0.00
41) 2,4,6-Tribromophenol	16.08	330	144973	125.33	ng	0.00
44) 2-Fluorobiphenyl	13.21	172	512203	78.91	ng	0.00
78) Terphenyl-d14	19.94	244	1095658	93.51	ng	0.00

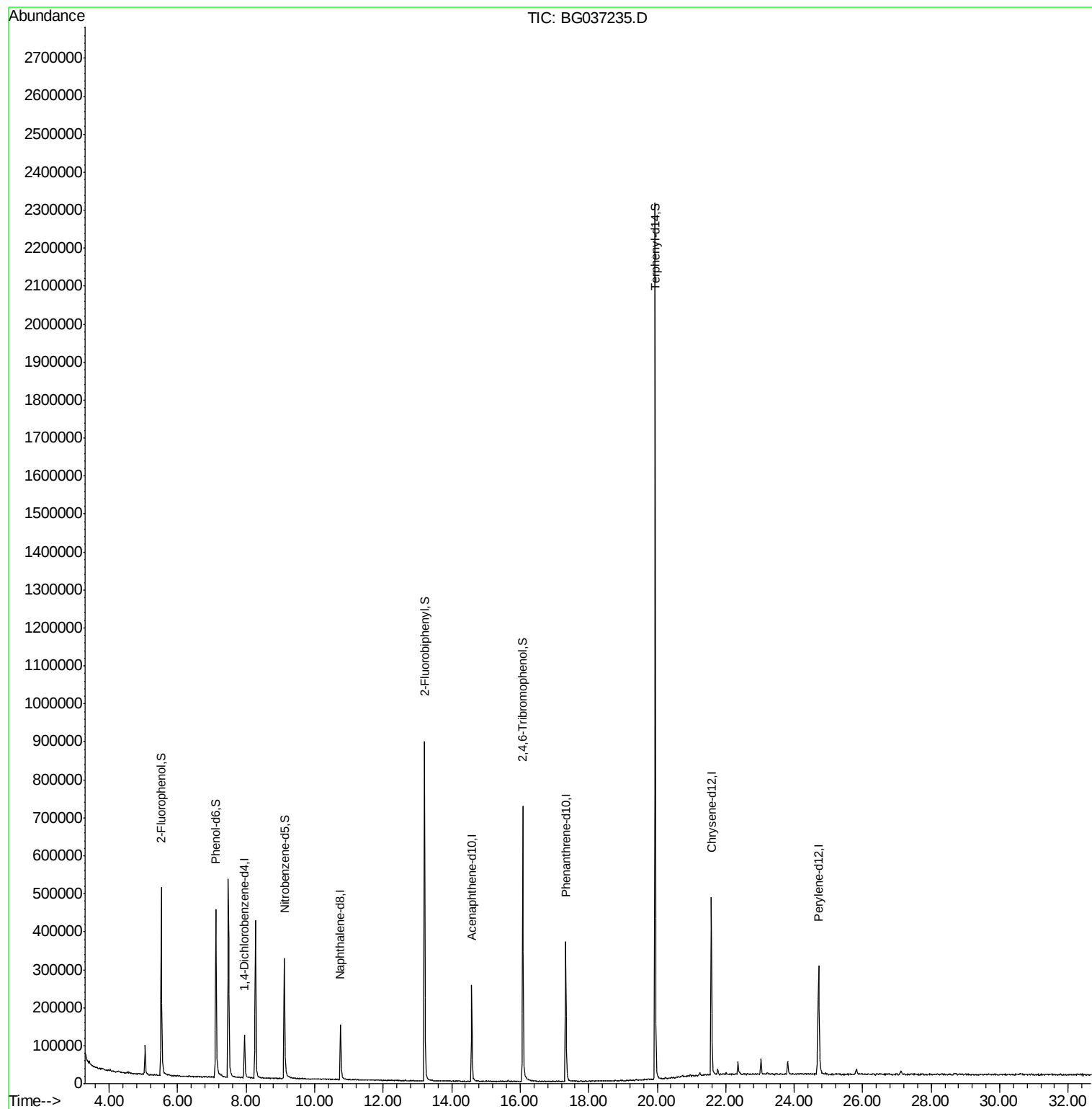
Target Compounds Qvalue

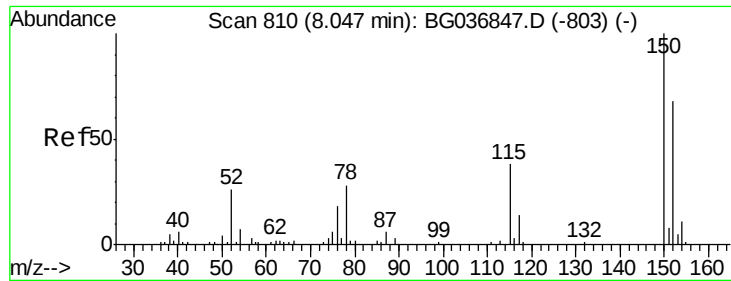
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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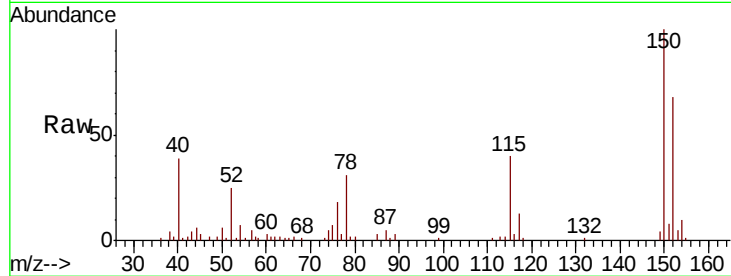


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 793
Delta R.T. -0.00 min
Lab File: BG037235.D
Acq: 10 Oct 2018 2:38

Instrument :
BNA_G
ClientSampleId :
OR-03-100818-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.4	119.5	179.3
115	58.5	44.5	66.7

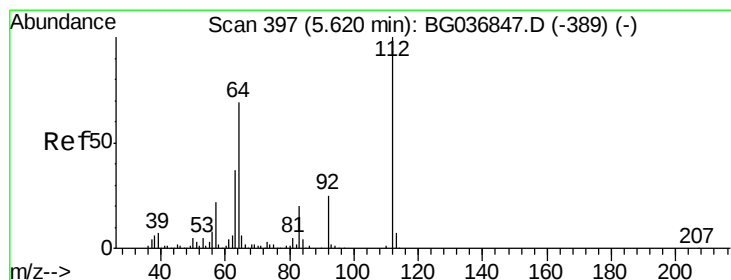
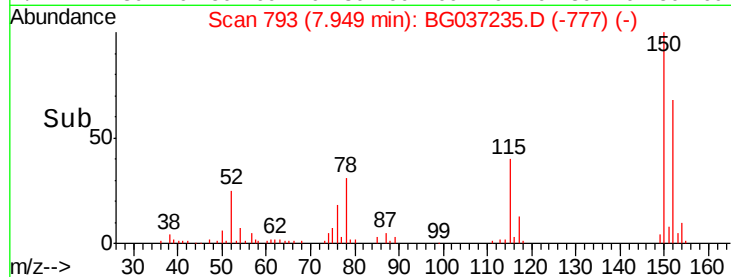
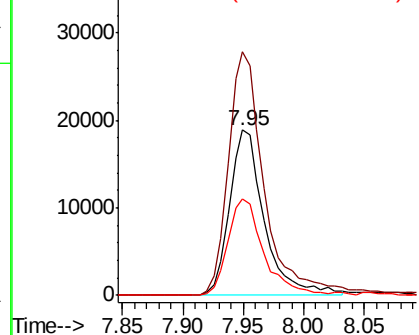


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

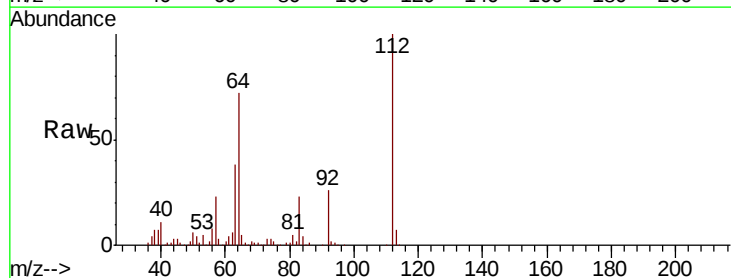
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 120.596 ng
RT: 5.52 min Scan# 379
Delta R.T. 0.00 min
Lab File: BG037235.D
Acq: 10 Oct 2018 2:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.1	57.2	85.8
63	38.1	30.8	46.2

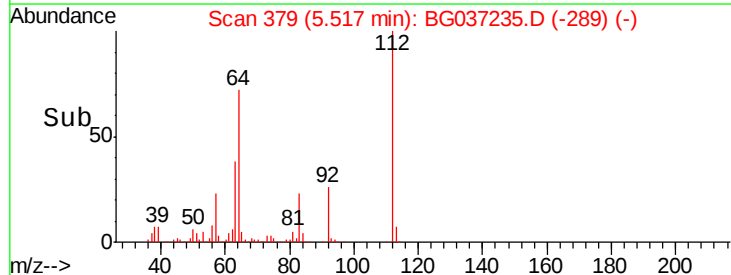
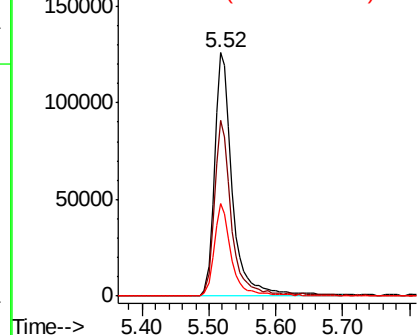


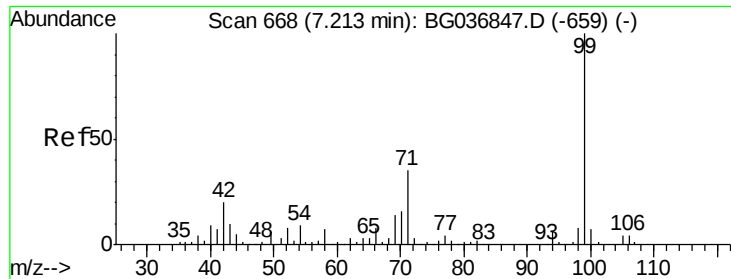
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 96.859 ng

RT: 7.11 min Scan# 651

Delta R.T. 0.00 min

Lab File: BG037235.D

Acq: 10 Oct 2018 2:38

Instrument :

BNA_G

ClientSampleId :

OR-03-100818-B

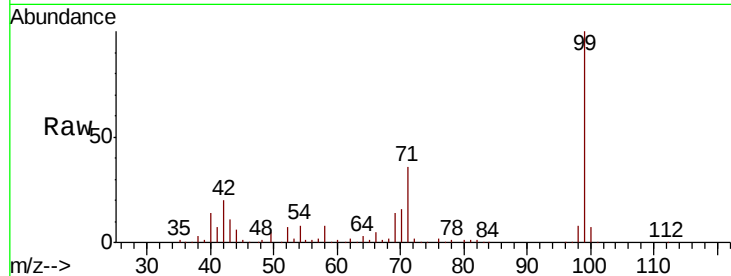
Tot Ion: 99 Resp: 296007

Ion Ratio Lower Upper

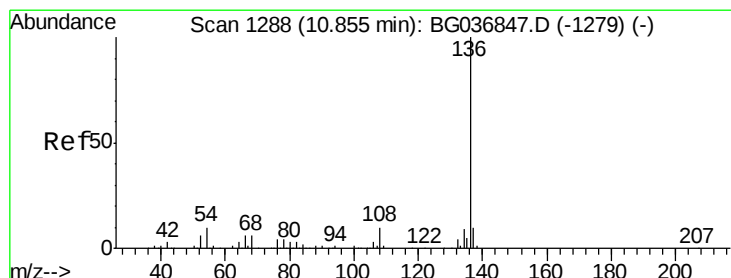
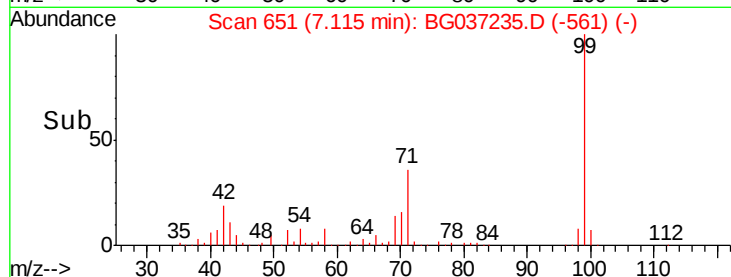
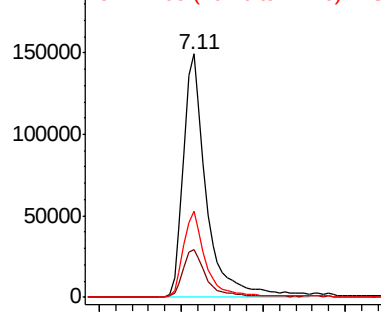
99 100

42 19.5 16.5 24.7

71 35.6 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: 10.75 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BG037235.D

Acq: 10 Oct 2018 2:38

Tgt Ion: 136 Resp: 149441

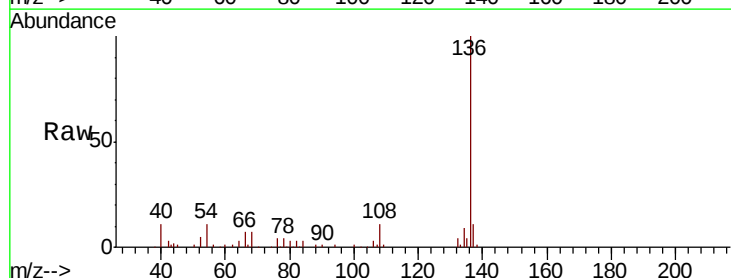
Ion Ratio Lower Upper

136 100

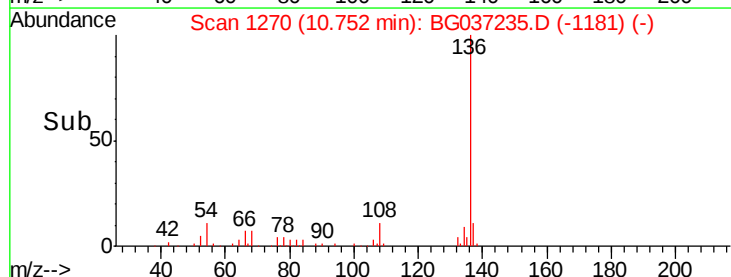
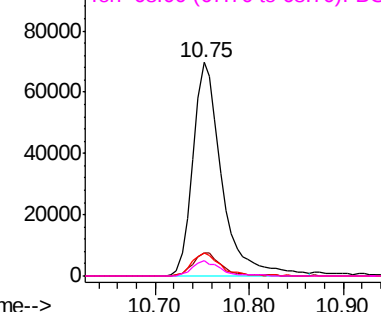
137 10.6 8.8 13.2

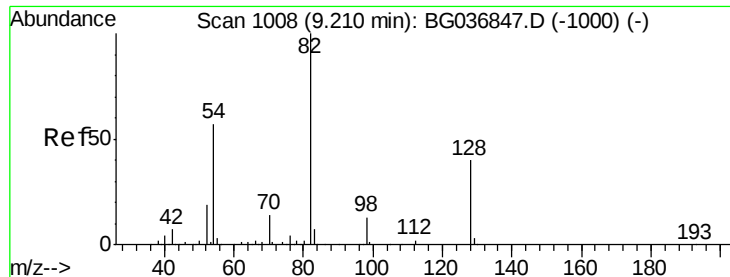
54 10.8 9.2 13.8

68 7.1 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

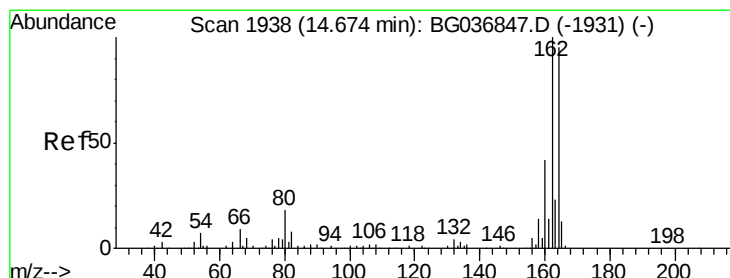
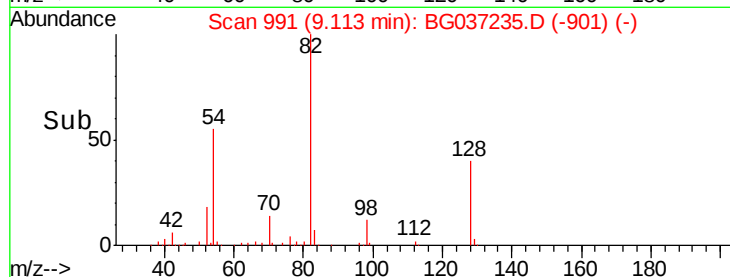
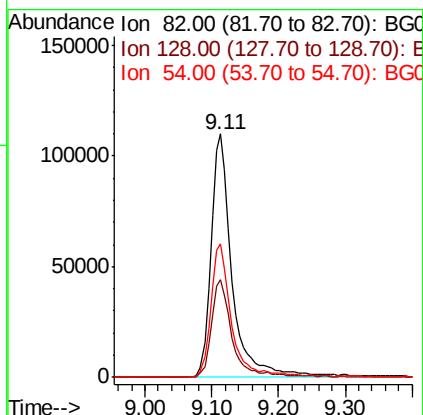
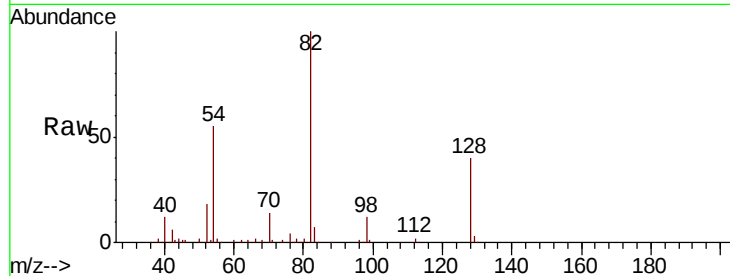




#23
 Nitrobenzene-d5
 Concen: 87.007 ng
 RT: 9.11 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BG037235.D
 Acq: 10 Oct 2018 2:38

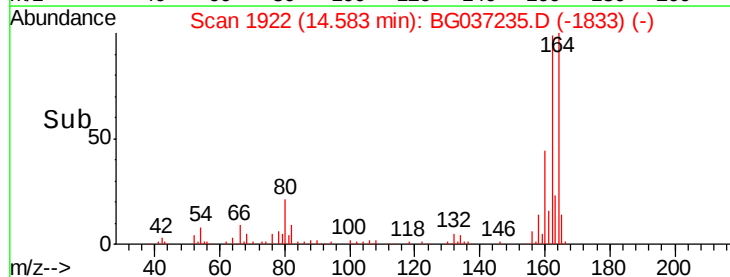
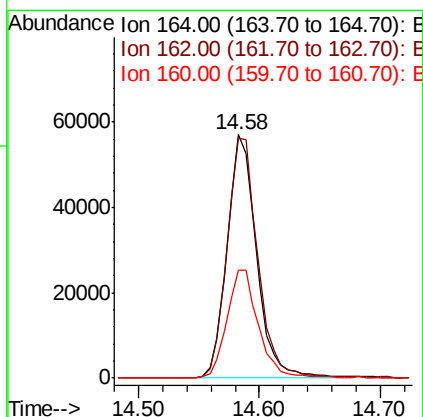
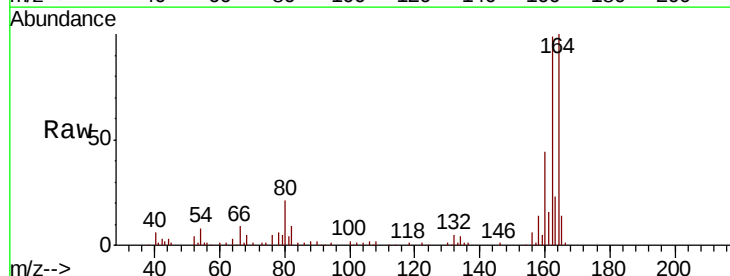
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-100818-B

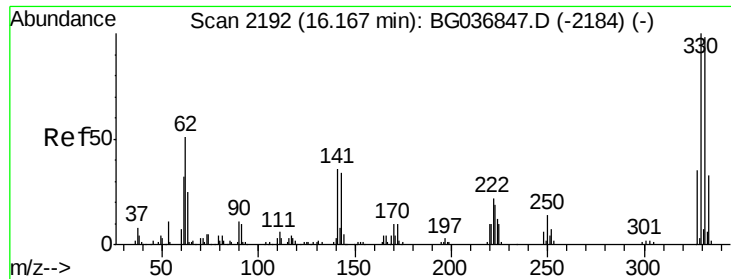
Tot Ion	82	Resp	242805
Ion Ratio	Lower	Upper	
82	100		
128	40.1	33.3	49.9
54	54.8	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.58 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: BG037235.D
 Acq: 10 Oct 2018 2:38

Tgt Ion	164	Resp	96680
Ion Ratio	Lower	Upper	
164	100		
162	98.7	80.7	121.1
160	44.1	35.3	52.9

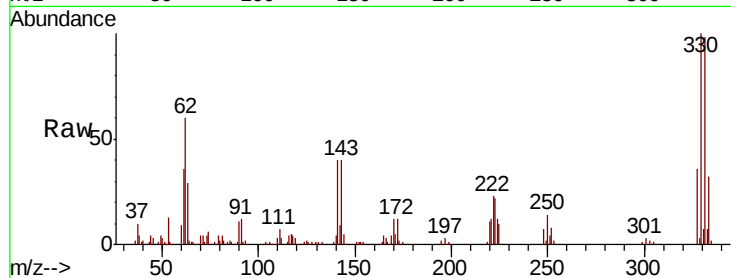




#41
 2,4,6-Tribromophenol
 Concen: 125.331 ng
 RT: 16.08 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: BG037235.D
 Acq: 10 Oct 2018 2:38

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-100818-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	75.4	113.2
141	40.5	30.7	46.1

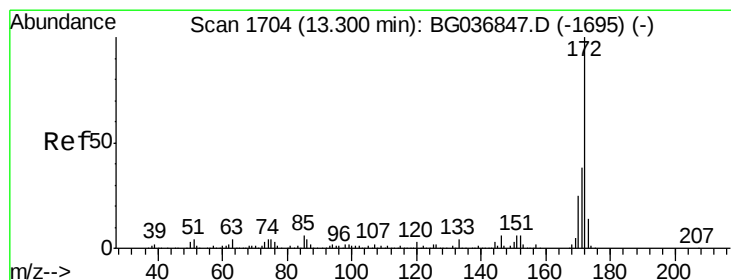
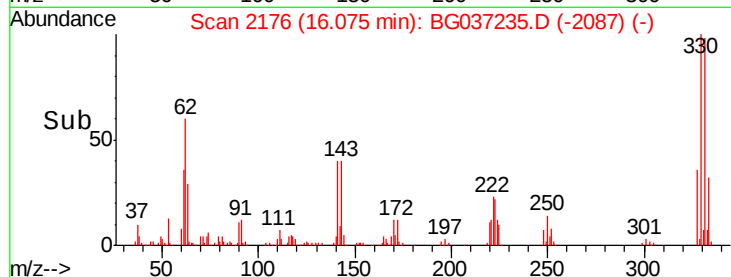
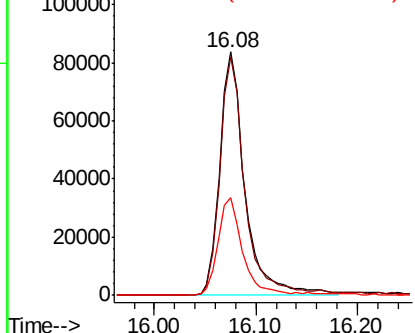


Abundance

Ion 329.80 (329.50 to 330.50): E

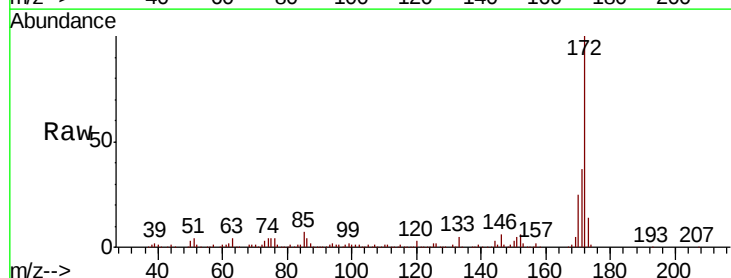
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.907 ng
 RT: 13.21 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: BG037235.D
 Acq: 10 Oct 2018 2:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	31.3	46.9
170	25.2	21.0	31.6

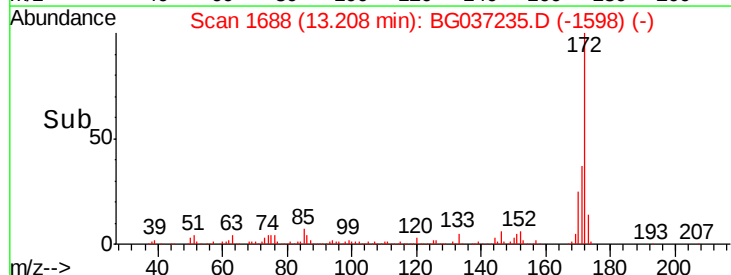
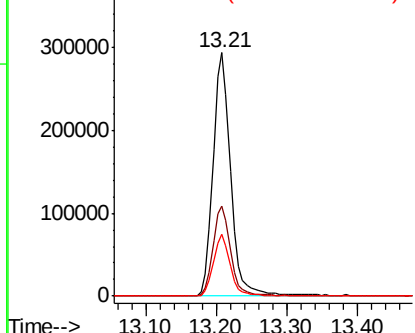


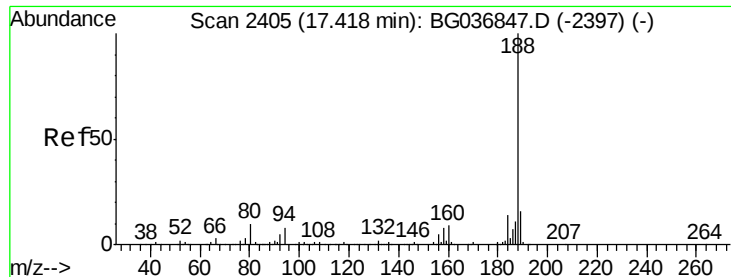
Abundance

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

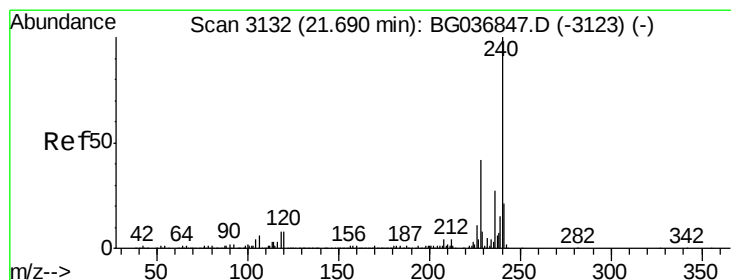
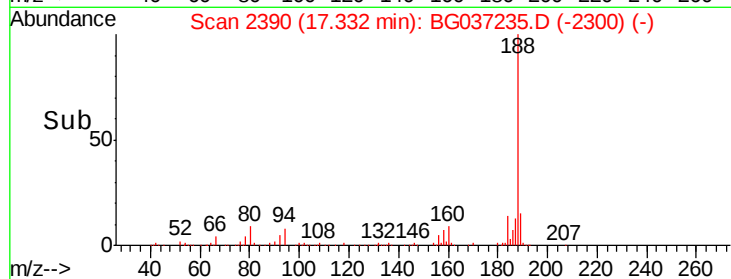
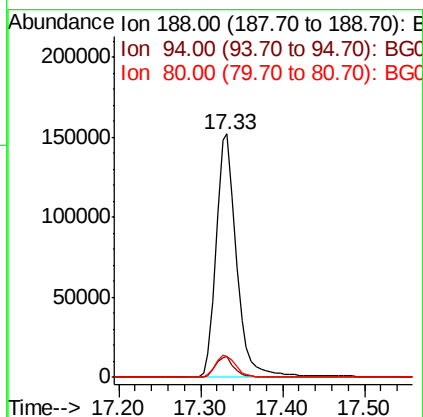
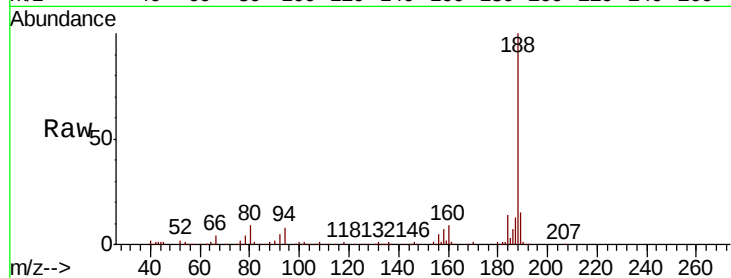




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.33 min Scan# 2390
Delta R.T. 0.00 min
Lab File: BG037235.D
Acq: 10 Oct 2018 2:38

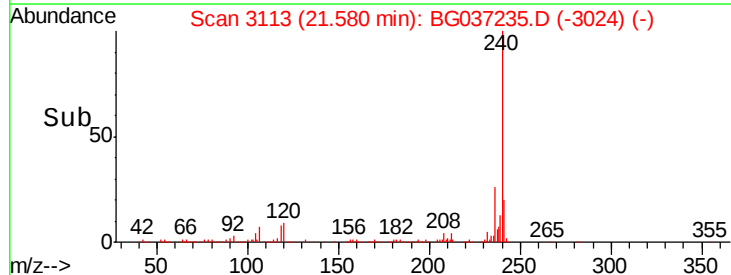
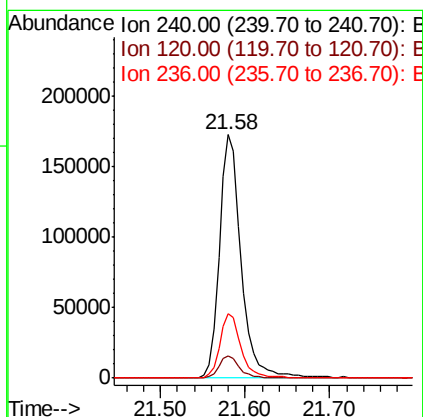
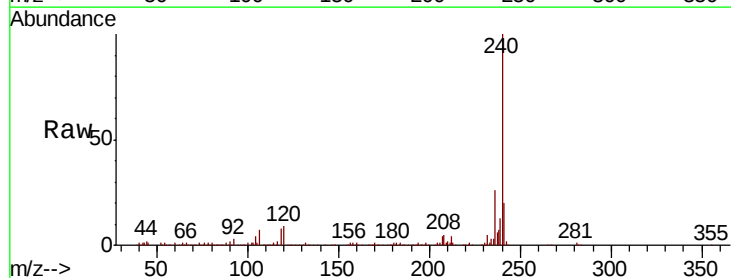
Instrument :
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OR-03-100818-B

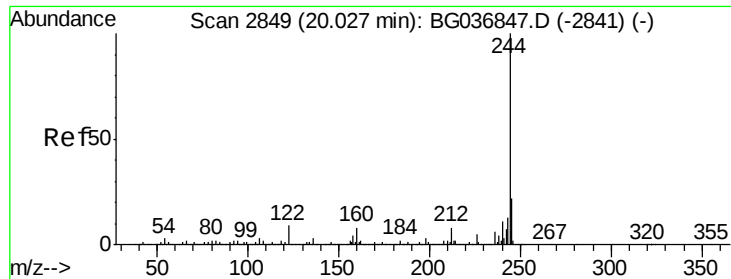
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.7	10.1
80	8.8	8.1	12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.58 min Scan# 3113
Delta R.T. -0.00 min
Lab File: BG037235.D
Acq: 10 Oct 2018 2:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.1	6.9	10.3
236	26.3	21.2	31.8





#78

Terphenyl-d14

Concen: 93.511 ng

RT: 19.94 min Scan# 2834

Delta R.T. -0.00 min

Lab File: BG037235.D

Acq: 10 Oct 2018 2:38

Instrument :

BNA_G

ClientSampleId :

OR-03-100818-B

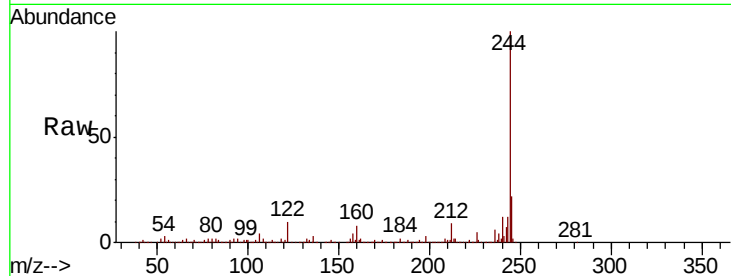
Tot Ion:244 Resp: 1095658

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

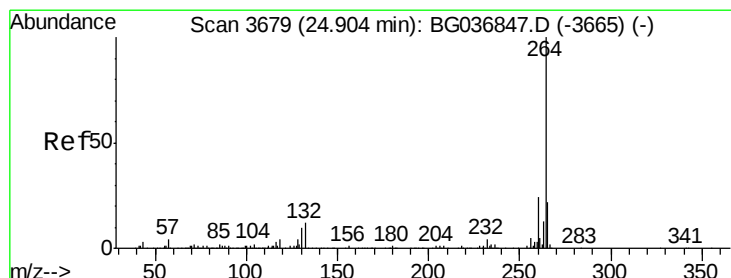
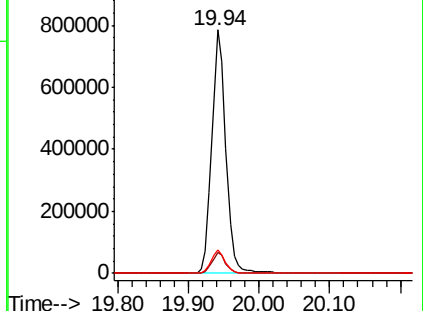
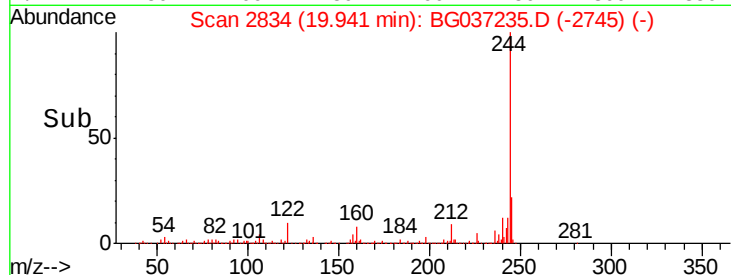
122 9.6 7.1 10.7



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. -0.00 min

Lab File: BG037235.D

Acq: 10 Oct 2018 2:38

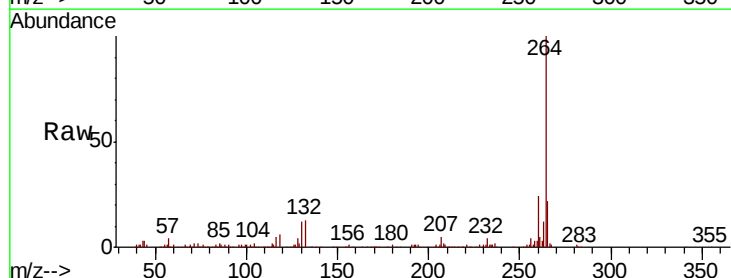
Tgt Ion:264 Resp: 303363

Ion Ratio Lower Upper

264 100

260 24.3 19.6 29.4

265 22.3 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

