

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100918\
 Data File : BG037234.D
 Acq On : 10 Oct 2018 1:59
 Operator : JU/SJ
 Sample : J5200-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Oct 10 07:06:52 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

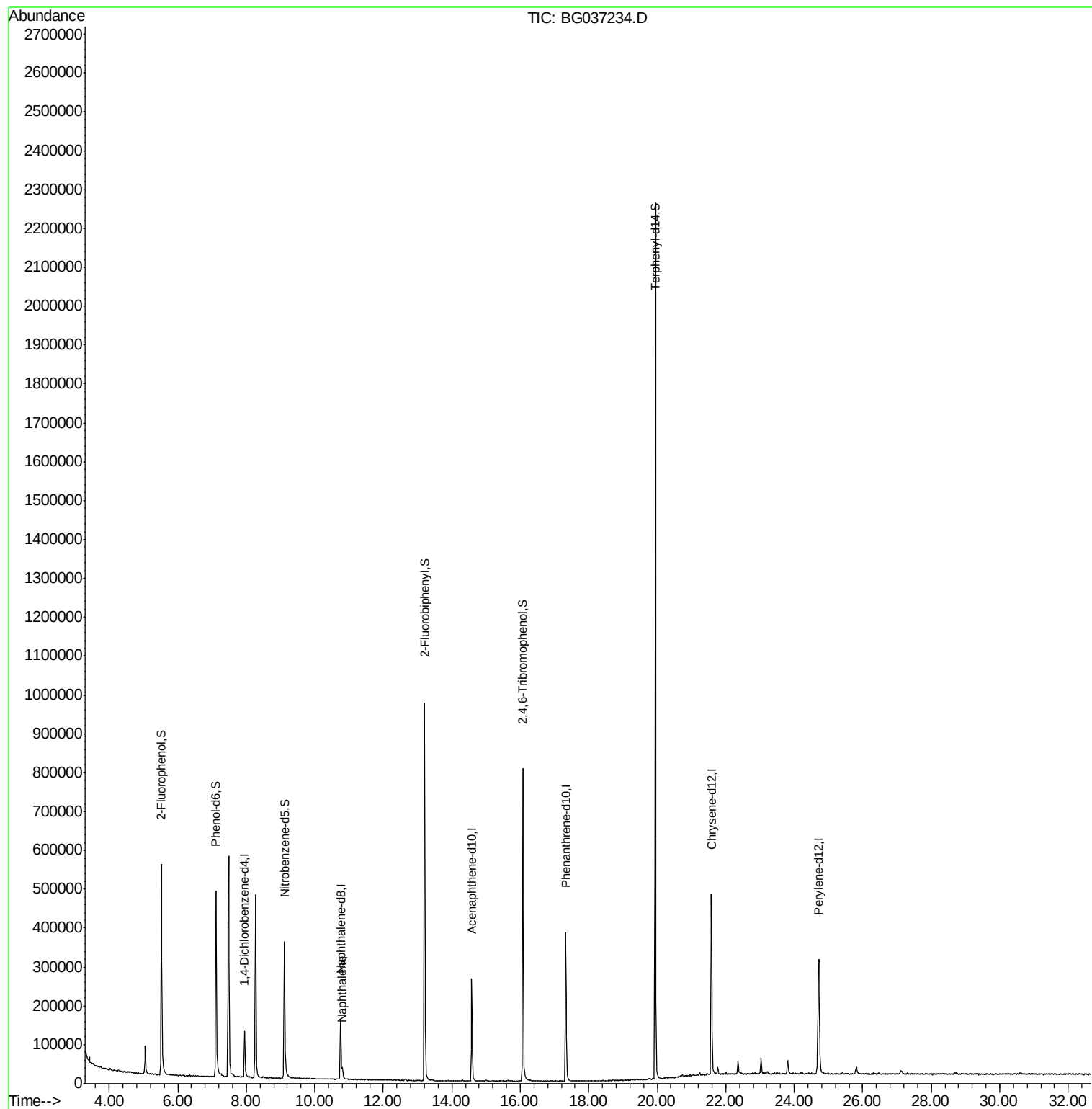
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	42166	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	156897	20.00	ng	0.00
38) Acenaphthene-d10	14.59	164	98248	20.00	ng	0.00
63) Phenanthrene-d10	17.33	188	264280	20.00	ng	0.00
75) Chrysene-d12	21.58	240	308333	20.00	ng	0.00
86) Perylene-d12	24.71	264	306346	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	256850	116.82	ng	0.00
7) Phenol-d6	7.11	99	311103	91.45	ng	0.00
23) Nitrobenzene-d5	9.11	82	253453	86.51	ng	0.00
41) 2,4,6-Tribromophenol	16.07	330	158683	134.99	ng	0.00
44) 2-Fluorobiphenyl	13.21	172	539325	81.76	ng	0.00
78) Terphenyl-d14	19.95	244	1120924	95.59	ng	0.00
Target Compounds						
31) Naphthalene	10.81	128	25508	3.417	ng	Qvalue 97

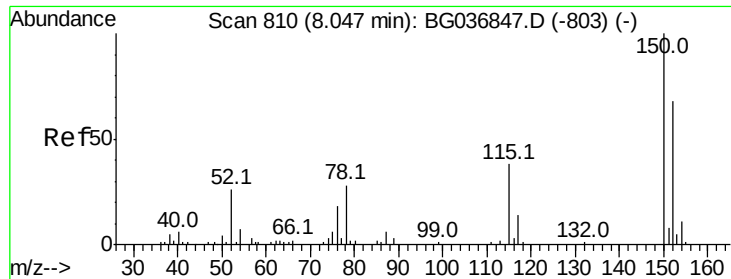
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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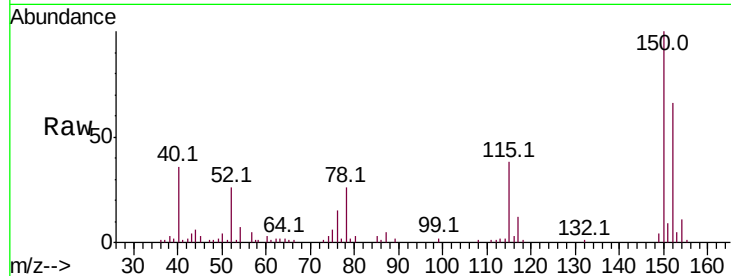


#1

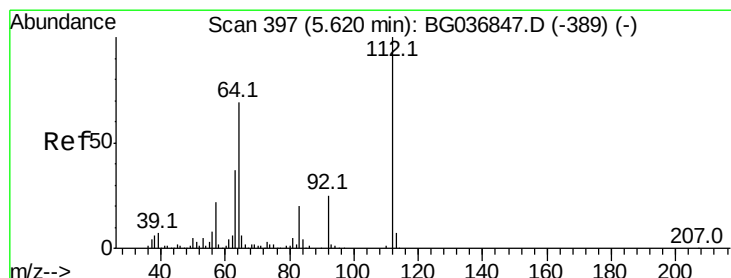
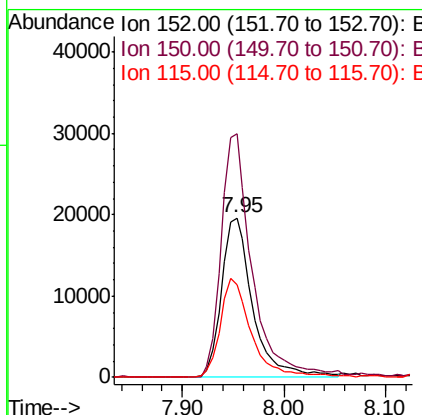
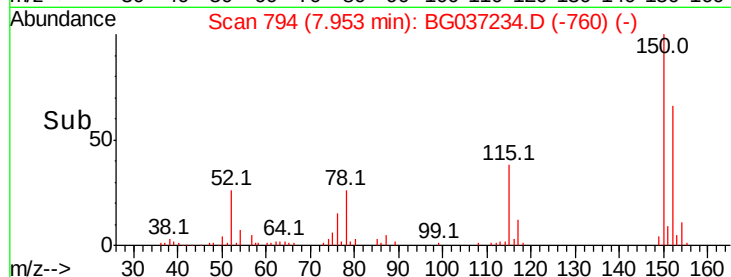
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 794
Delta R.T. -0.00 min
Lab File: BG037234.D
Acq: 10 Oct 2018 1:59

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	119.5	179.3
115	57.7	44.5	66.7



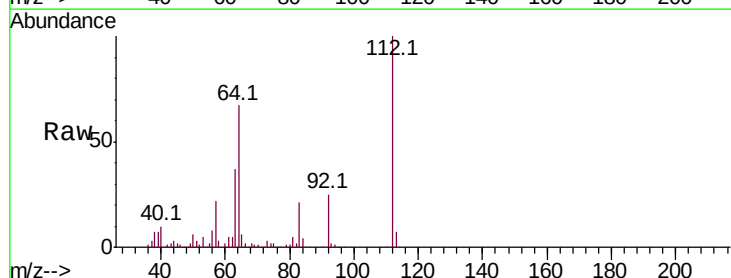
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



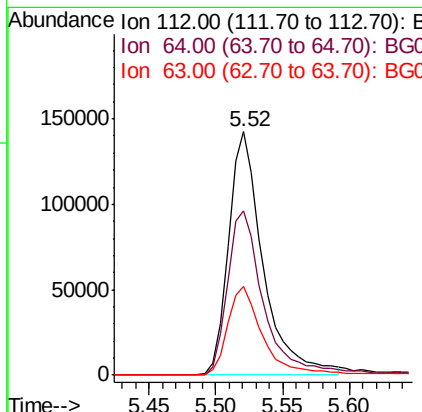
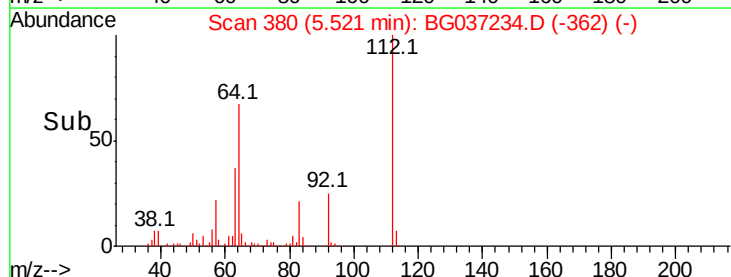
#5

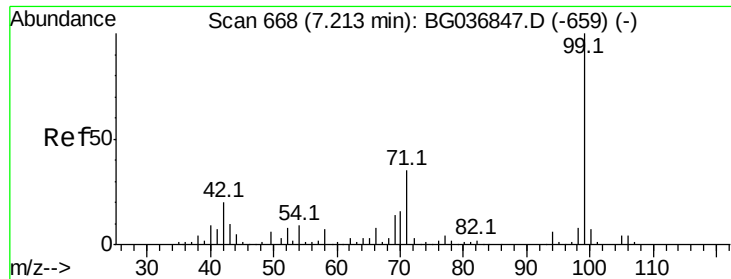
2-Fluorophenol
Concen: 116.820 ng
RT: 5.52 min Scan# 380
Delta R.T. 0.01 min
Lab File: BG037234.D
Acq: 10 Oct 2018 1:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.5	57.2	85.8
63	36.6	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: 91.454 ng

RT: 7.11 min Scan# 651

Delta R.T. -0.00 min

Lab File: BG037234.D

Acq: 10 Oct 2018 1:59

Instrument :

BNA_G

ClientSampleId :

OR-03-100818-A

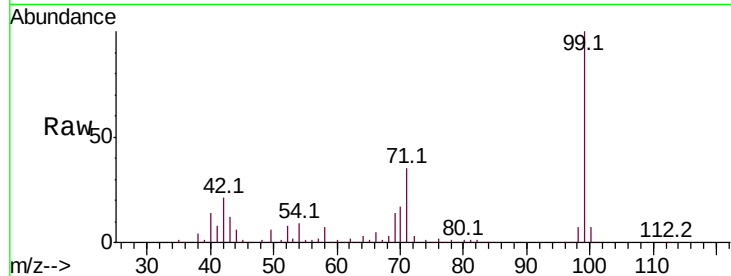
Tot Ion: 99 Resp: 311103

Ion Ratio Lower Upper

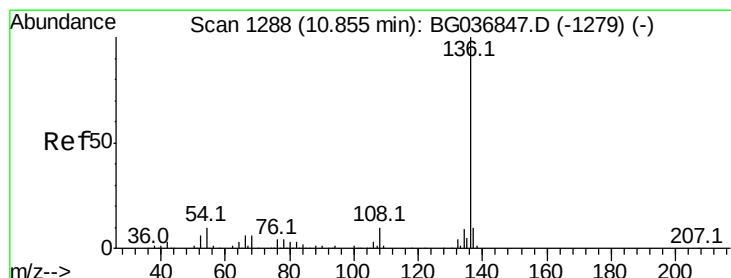
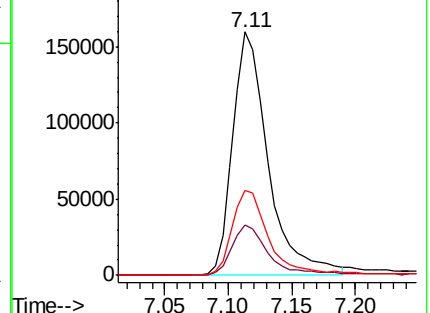
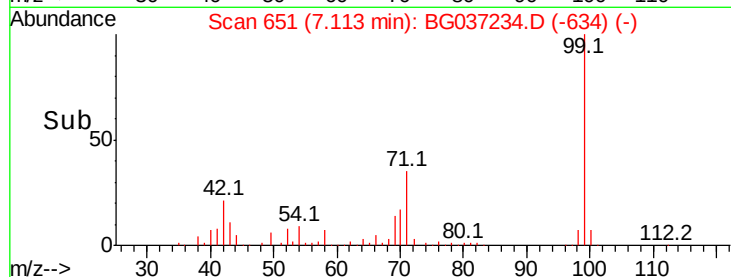
99 100

42 20.8 16.5 24.7

71 34.8 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: BG037234.D

Acq: 10 Oct 2018 1:59

Tgt Ion: 136 Resp: 156897

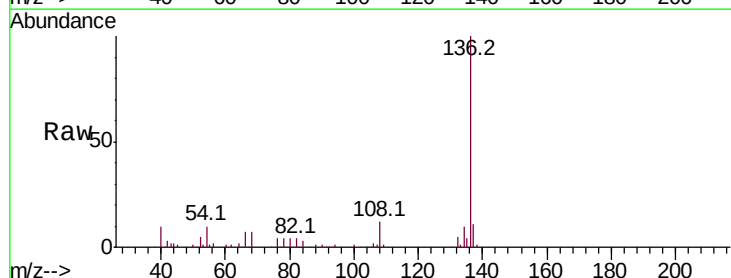
Ion Ratio Lower Upper

136 100

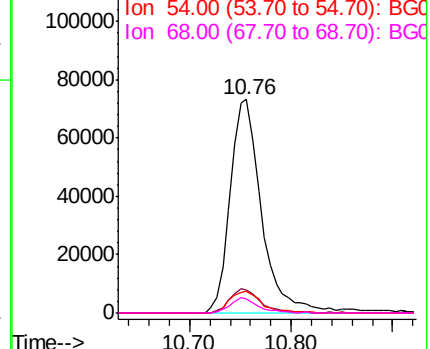
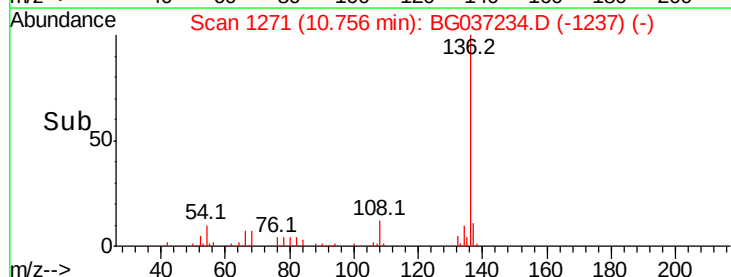
137 10.7 8.8 13.2

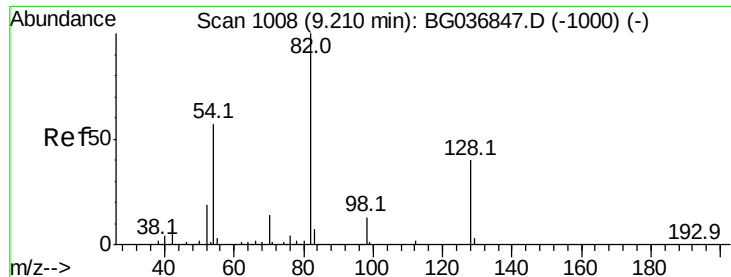
54 10.0 9.2 13.8

68 6.6 5.8 8.6



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

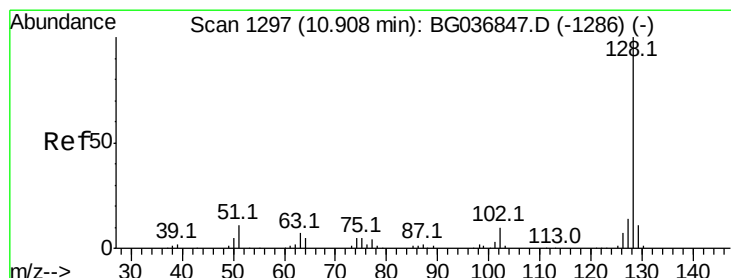
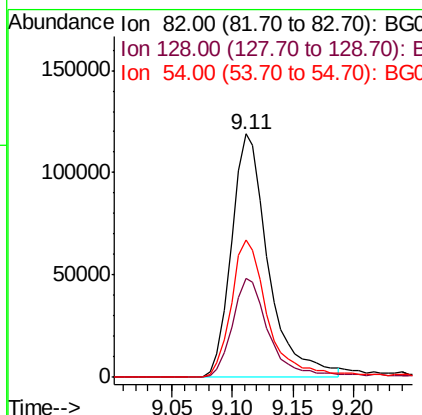
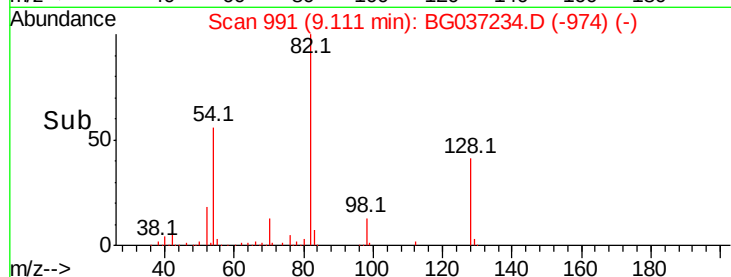
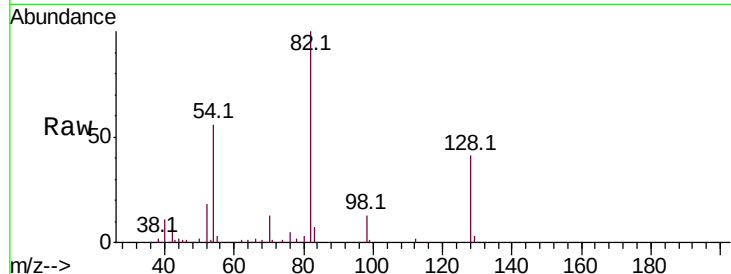




#23
Nitrobenzene-d5
Concen: 86.507 ng
RT: 9.11 min Scan# 991
Delta R.T. -0.00 min
Lab File: BG037234.D
Acq: 10 Oct 2018 1:59

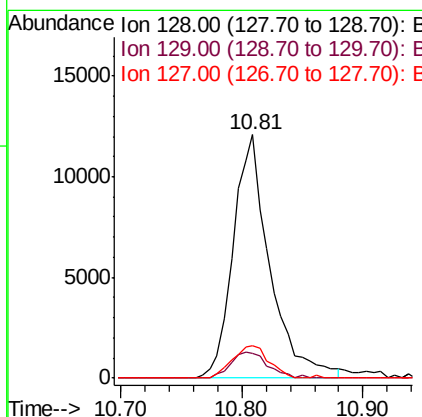
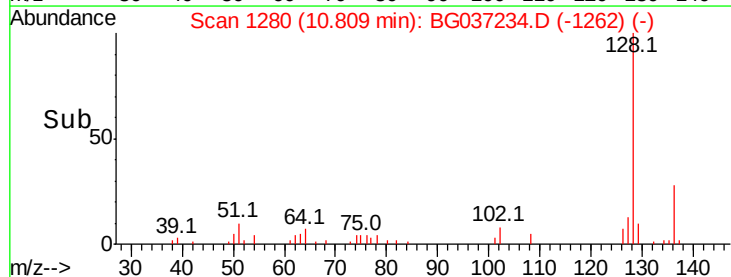
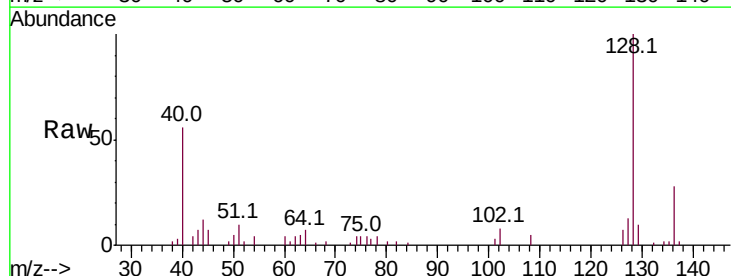
Instrument :
BNA_G
ClientSampleId :
OR-03-100818-A

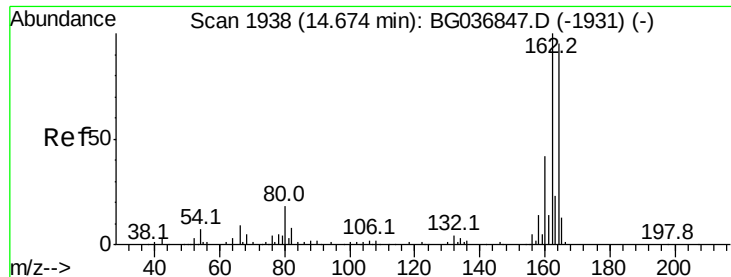
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.7	33.3	49.9
54	56.5	45.1	67.7



#31
Naphthalene
Concen: 3.417 ng
RT: 10.81 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BG037234.D
Acq: 10 Oct 2018 1:59

Tgt Ion	Ratio	Lower	Upper
128	100		
129	9.9	9.4	14.2
127	13.3	11.0	16.4

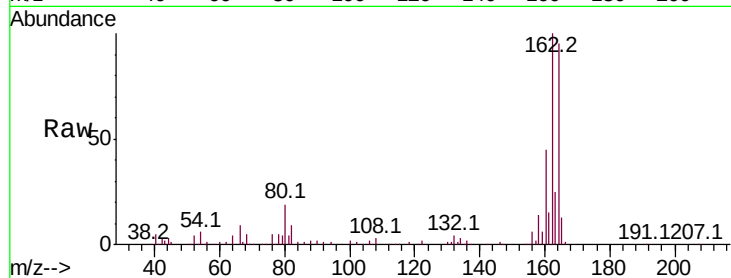




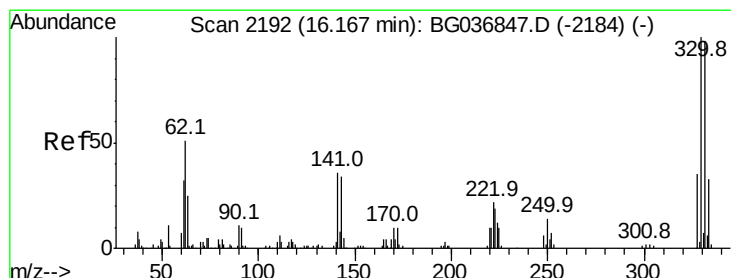
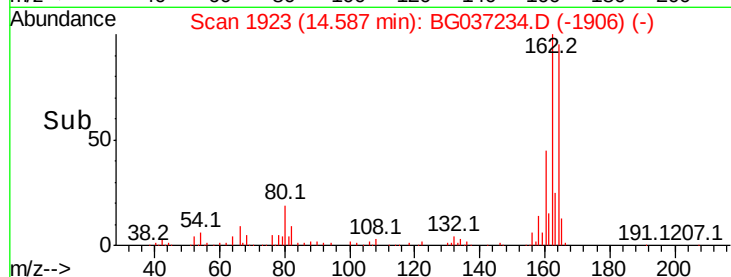
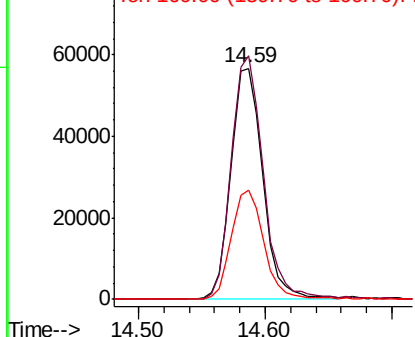
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.59 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: BG037234.D
 Acq: 10 Oct 2018 1:59

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

Tot Ion:164 Resp: 98248
 Ion Ratio Lower Upper
 164 100
 162 105.4 80.7 121.1
 160 47.1 35.3 52.9

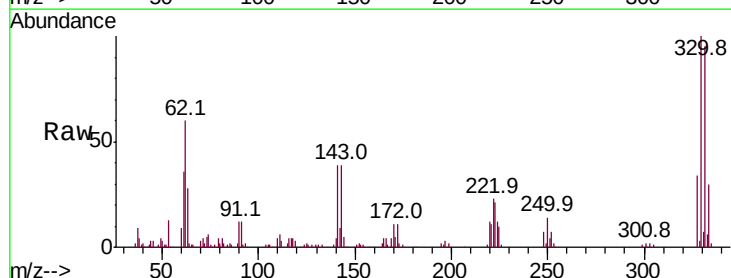


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

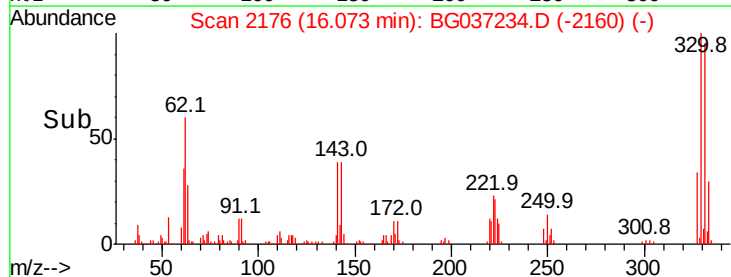
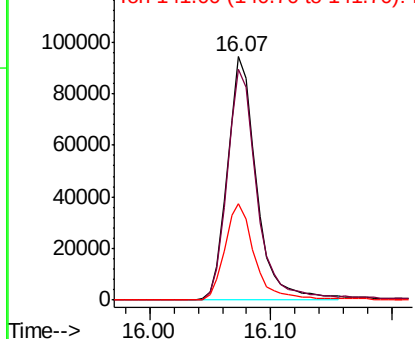


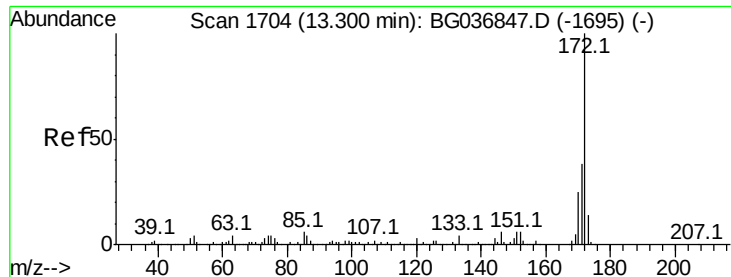
#41
 2,4,6-Tribromophenol
 Concen: 134.995 ng
 RT: 16.07 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: BG037234.D
 Acq: 10 Oct 2018 1:59

Tgt Ion:330 Resp: 158683
 Ion Ratio Lower Upper
 330 100
 332 96.0 75.4 113.2
 141 40.0 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

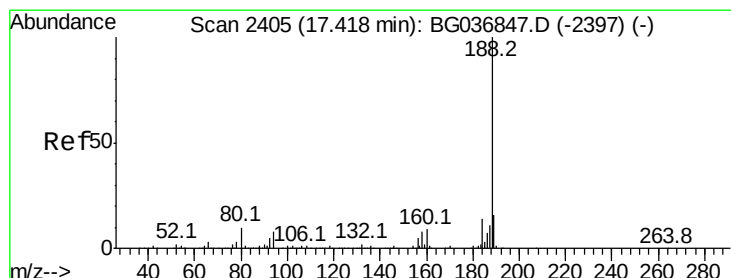
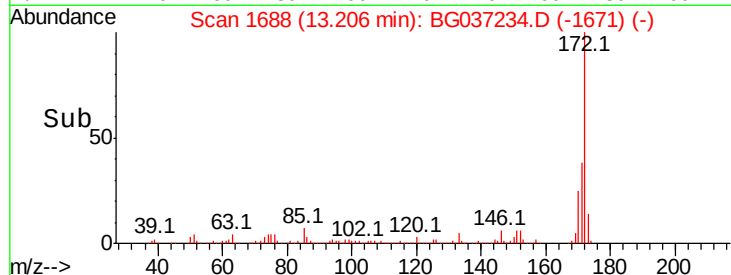
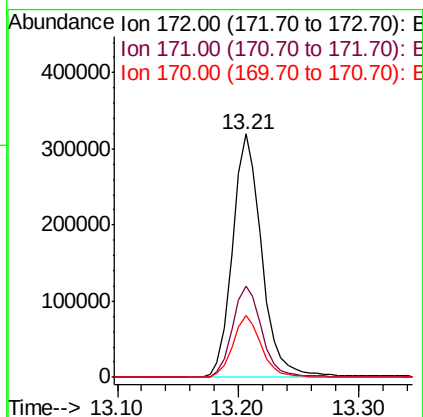
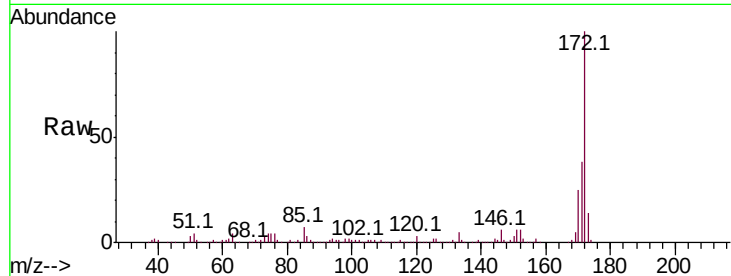




#44
 2-Fluorobiphenyl
 Concen: 81.759 ng
 RT: 13.21 min Scan# 1688
 Delta R.T. -0.00 min
 Lab File: BG037234.D
 Acq: 10 Oct 2018 1:59

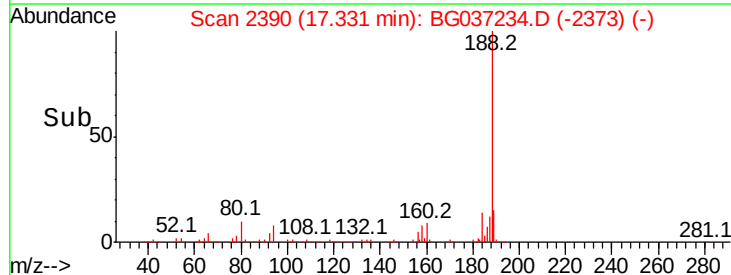
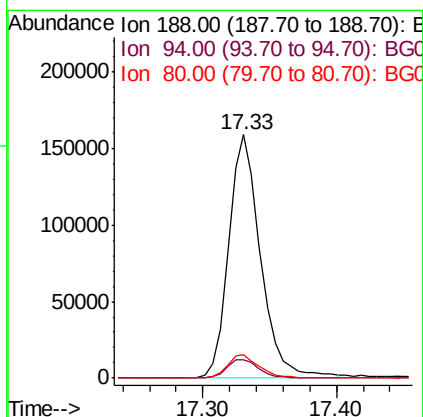
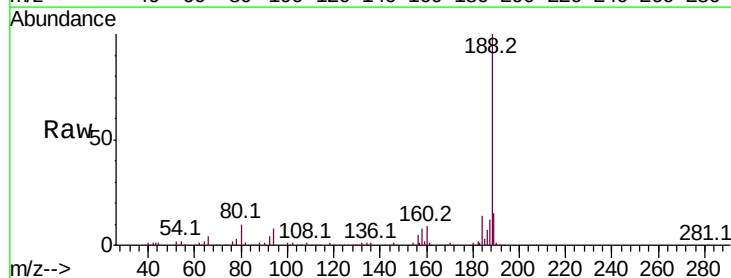
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-100818-A

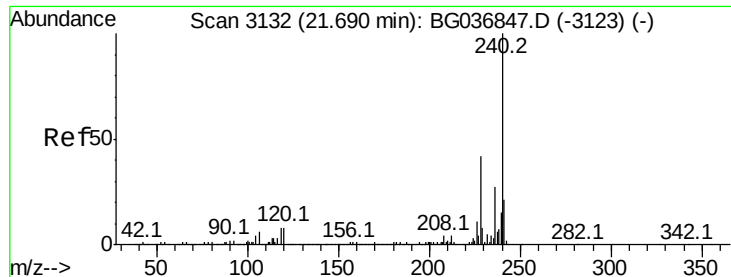
Tot Ion:172 Resp: 539325
 Ion Ratio Lower Upper
 172 100
 171 37.6 31.3 46.9
 170 25.2 21.0 31.6



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.33 min Scan# 2390
 Delta R.T. -0.00 min
 Lab File: BG037234.D
 Acq: 10 Oct 2018 1:59

Tgt Ion:188 Resp: 264280
 Ion Ratio Lower Upper
 188 100
 94 7.5 6.7 10.1
 80 9.5 8.1 12.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.58 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BG037234.D

Acq: 10 Oct 2018 1:59

Instrument :

BNA_G

ClientSampleId :

OR-03-100818-A

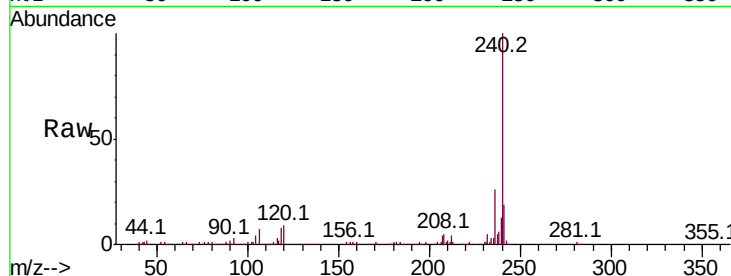
Tot Ion:240 Resp: 308333

Ion Ratio Lower Upper

240 100

120 9.4 6.9 10.3

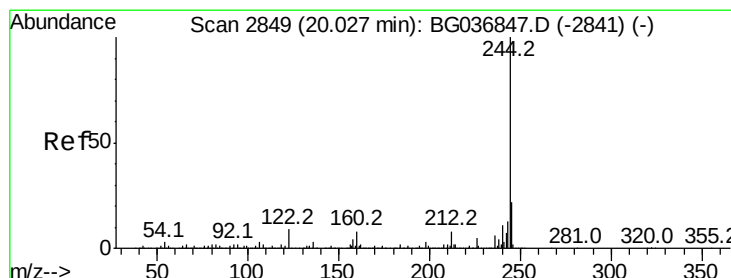
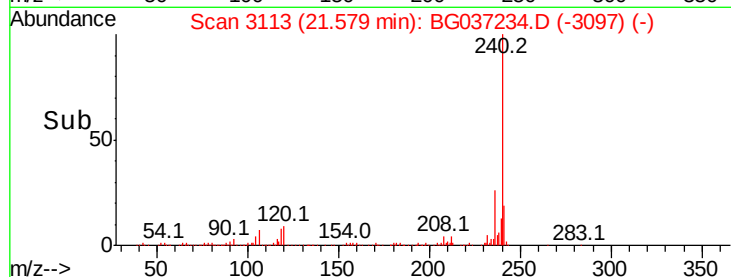
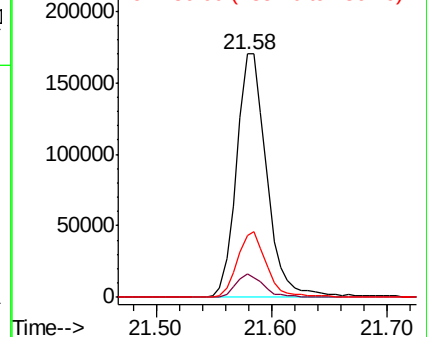
236 25.6 21.2 31.8



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: 95.593 ng

RT: 19.95 min Scan# 2835

Delta R.T. -0.00 min

Lab File: BG037234.D

Acq: 10 Oct 2018 1:59

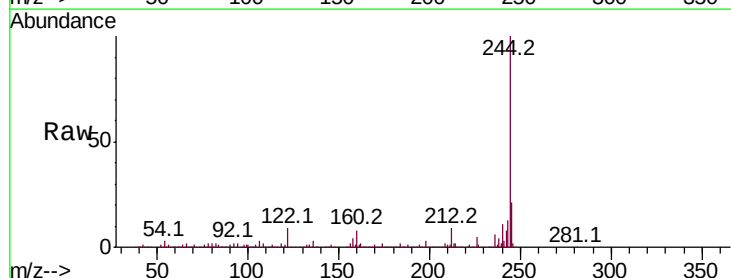
Tgt Ion:244 Resp: 1120924

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

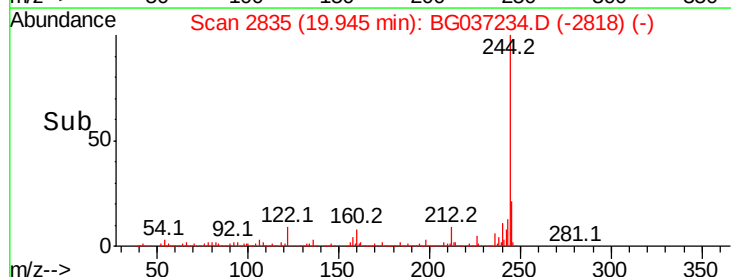
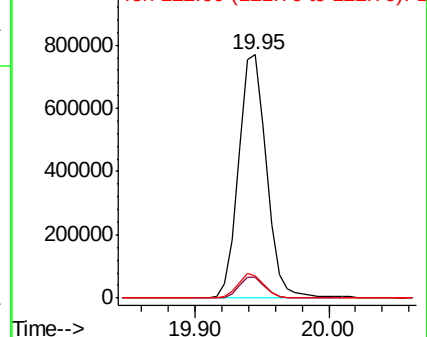
122 9.3 7.1 10.7

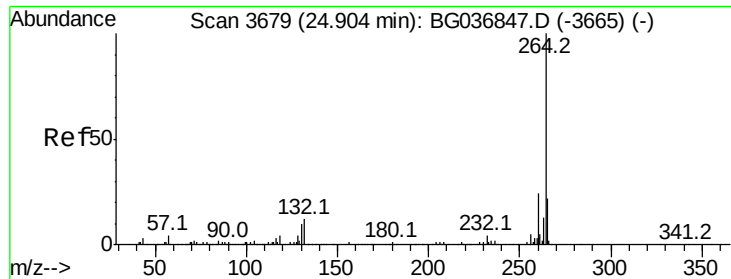


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

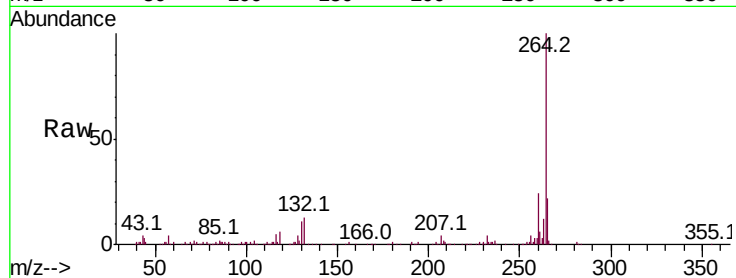




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.71 min Scan# 3646
Delta R.T. -0.01 min
Lab File: BG037234.D
Acq: 10 Oct 2018 1:59

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

Tot Ion:	264	Resp:	306346
Ion Ratio	Lower	Upper	
264	100		
260	24.0	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

