

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092718\
 Data File : BG037019.D
 Acq On : 27 Sep 2018 17:56
 Operator : JU/SJ
 Sample : PB113226BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113226BL

Quant Time: Sep 27 19:08:59 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	42698	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	166707	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	104758	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	285484	20.00	ng	0.00
75) Chrysene-d12	21.68	240	310107	20.00	ng	-0.01
86) Perylene-d12	24.88	264	297358	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	331972	149.11	ng	0.00
7) Phenol-d6	7.20	99	452167	131.27	ng	-0.01
23) Nitrobenzene-d5	9.20	82	297361	95.52	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	185914	148.33	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	634446	90.20	ng	-0.01
78) Terphenyl-d14	20.02	244	1186452	100.60	ng	0.00

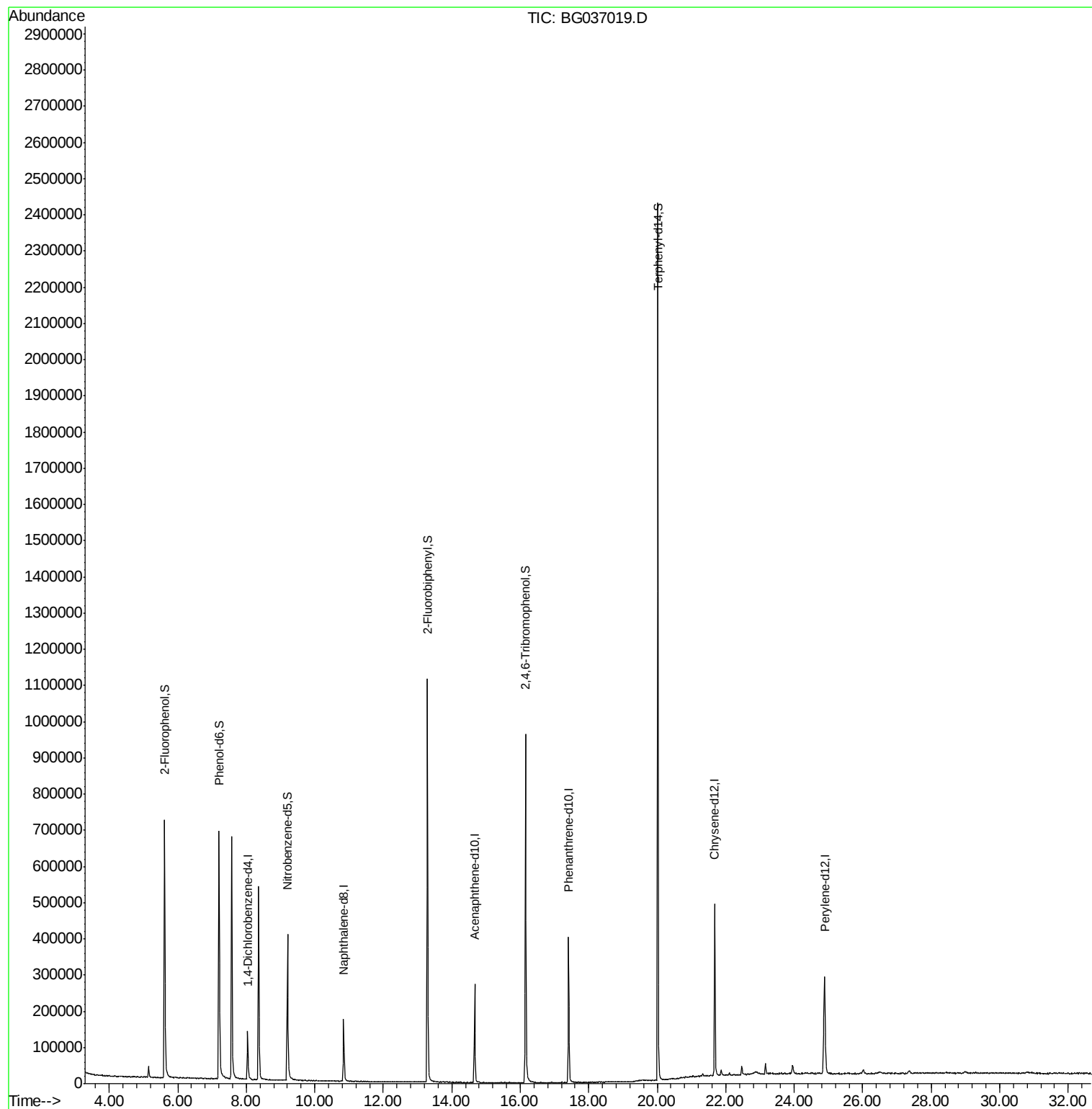
Target Compounds Qvalue

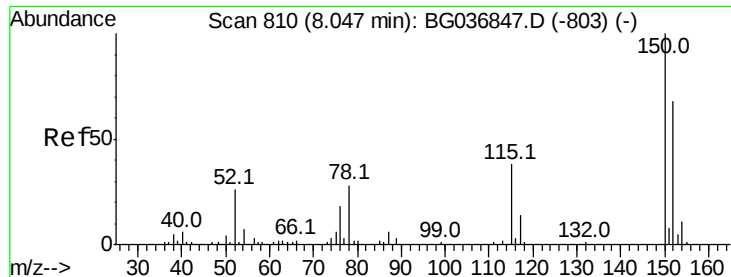
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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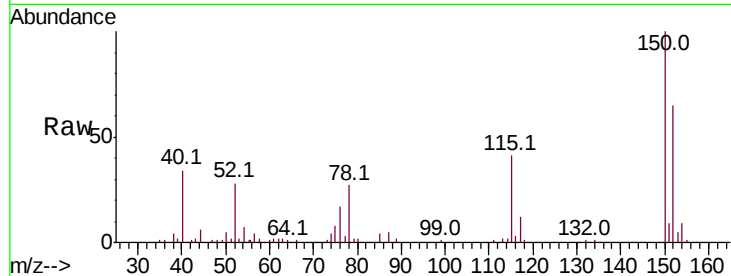


#1

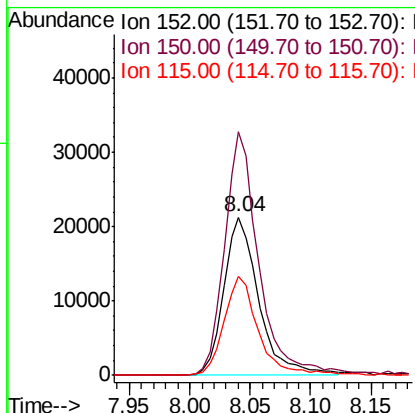
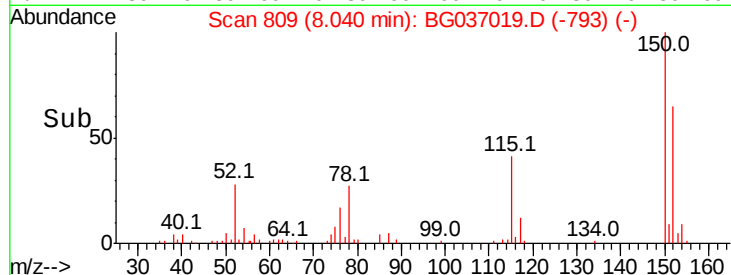
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BG037019.D
 Acq: 27 Sep 2018 17:56

Instrument :
 BNA_G
 ClientSampleId :
 PB113226BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	119.5	179.3
115	62.6	44.5	66.7



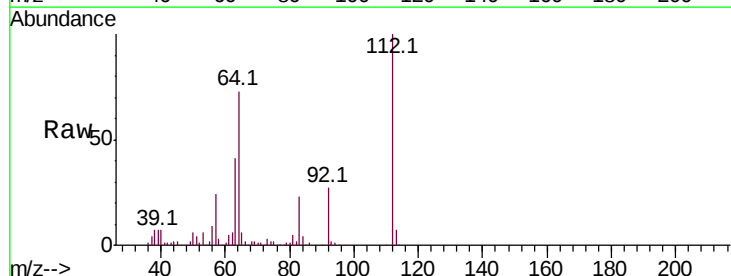
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



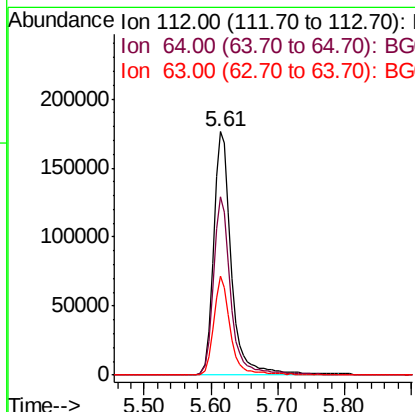
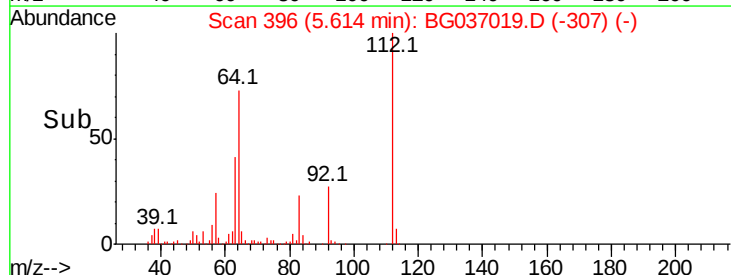
#5

2-Fluorophenol
 Concen: 149.105 ng
 RT: 5.61 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BG037019.D
 Acq: 27 Sep 2018 17:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.2	57.2	85.8
63	40.7	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: 131.266 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037019.D

Acq: 27 Sep 2018 17:56

Instrument :

BNA_G

ClientSampleId :

PB113226BL

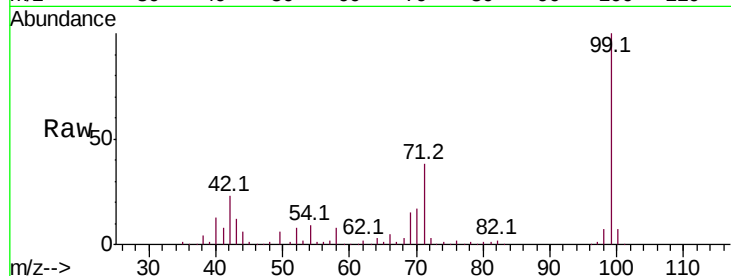
Tot Ion: 99 Resp: 452167

Ion Ratio Lower Upper

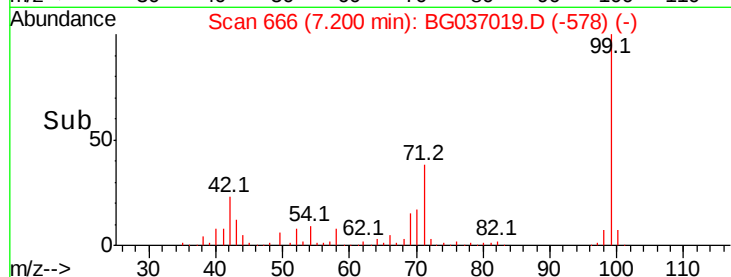
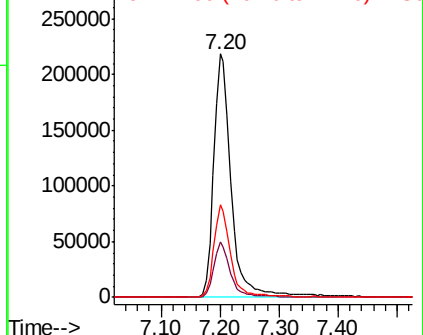
99 100

42 22.8 16.5 24.7

71 38.0 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: 10.84 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG037019.D

Acq: 27 Sep 2018 17:56

Tgt Ion: 136 Resp: 166707

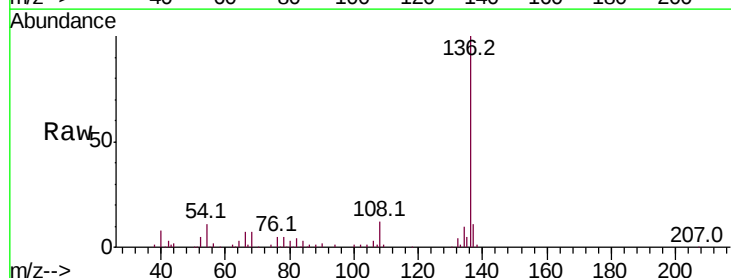
Ion Ratio Lower Upper

136 100

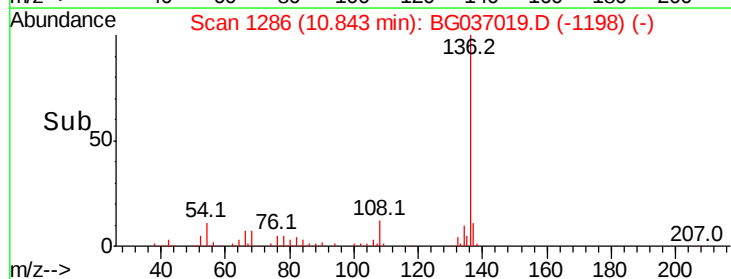
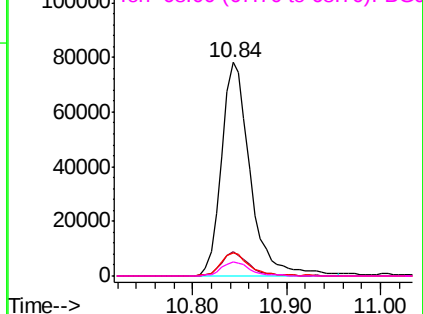
137 11.2 8.8 13.2

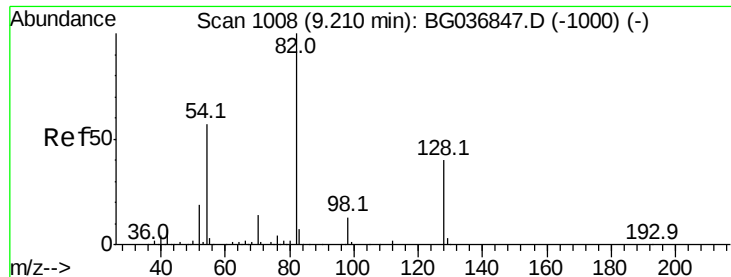
54 10.7 9.2 13.8

68 6.7 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

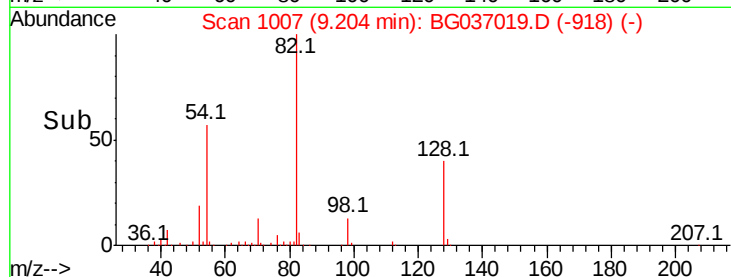
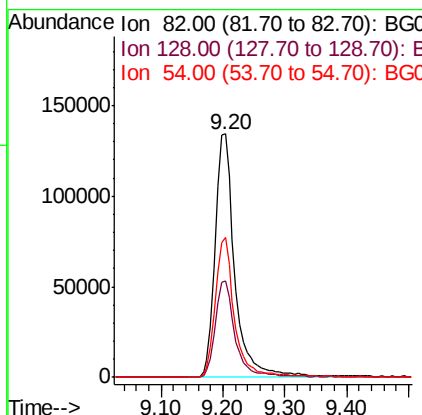
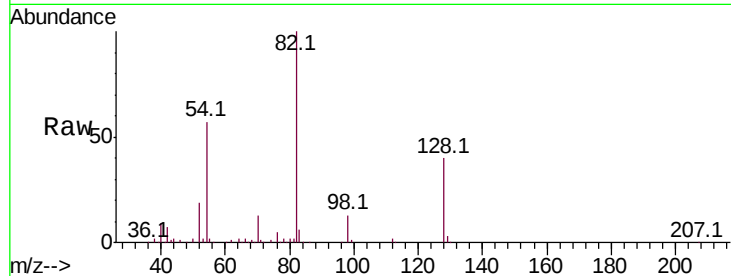




#23
 Nitrobenzene-d5
 Concen: 95.521 ng
 RT: 9.20 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BG037019.D
 Acq: 27 Sep 2018 17:56

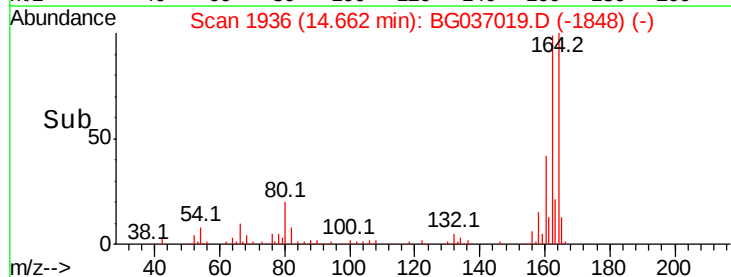
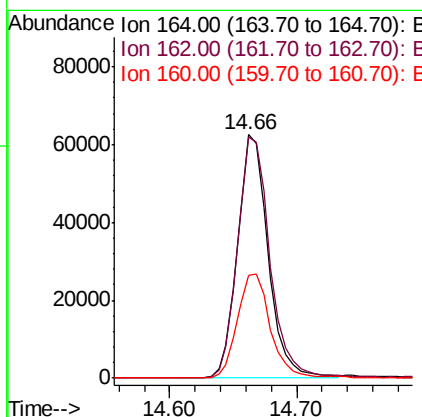
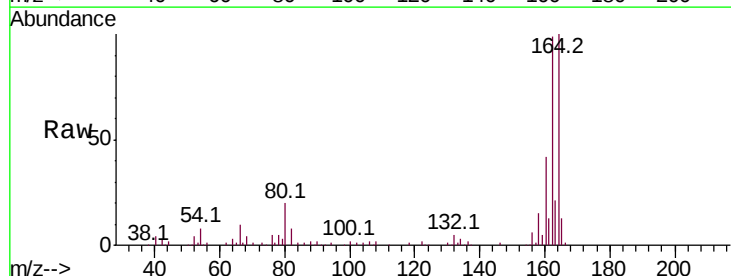
Instrument :
 BNA_G
 ClientSampleId :
 PB113226BL

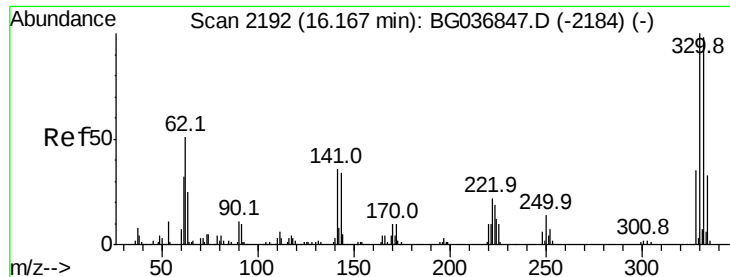
Tot Ion	82	Resp	297361
Ion	Ratio	Lower	Upper
82	100		
128	39.8	33.3	49.9
54	57.5	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BG037019.D
 Acq: 27 Sep 2018 17:56

Tgt Ion	164	Resp	104758
Ion	Ratio	Lower	Upper
164	100		
162	98.9	80.7	121.1
160	42.3	35.3	52.9

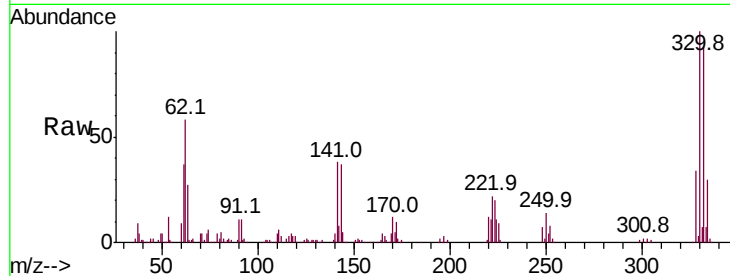




#41
 2,4,6-Tribromophenol
 Concen: 148.332 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG037019.D
 Acq: 27 Sep 2018 17:56

Instrument :
 BNA_G
 ClientSampleId :
 PB113226BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	75.4	113.2
141	40.3	30.7	46.1

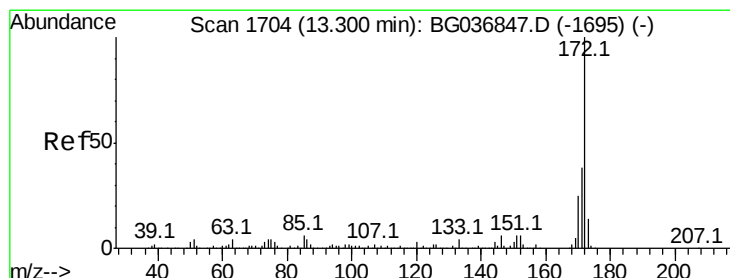
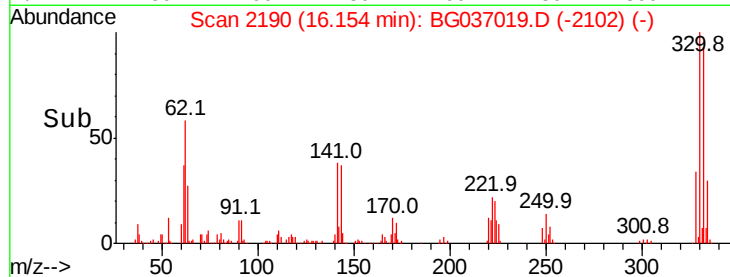
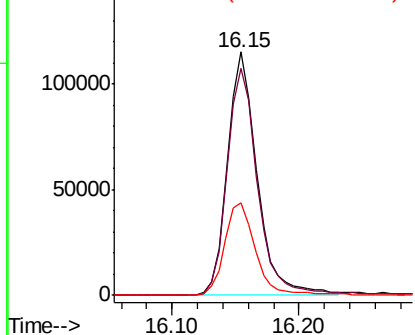


Abundance

Ion 329.80 (329.50 to 330.50): E

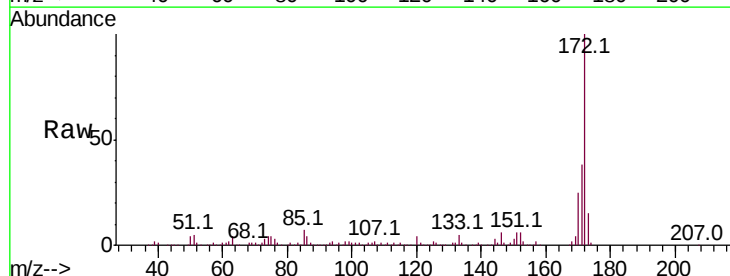
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.202 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037019.D
 Acq: 27 Sep 2018 17:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.3	46.9
170	25.4	21.0	31.6

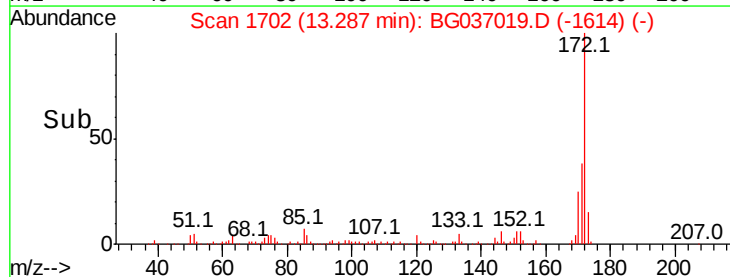
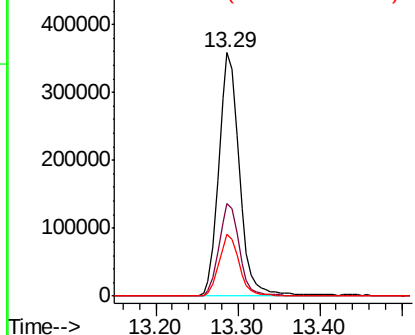


Abundance

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

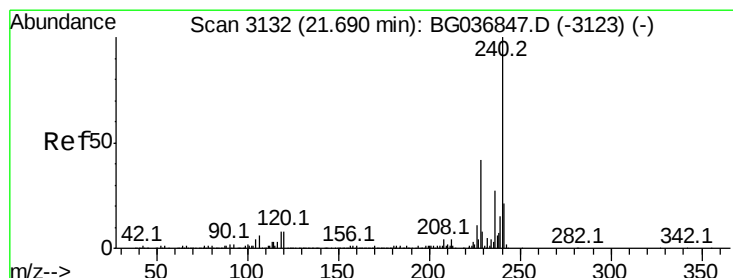
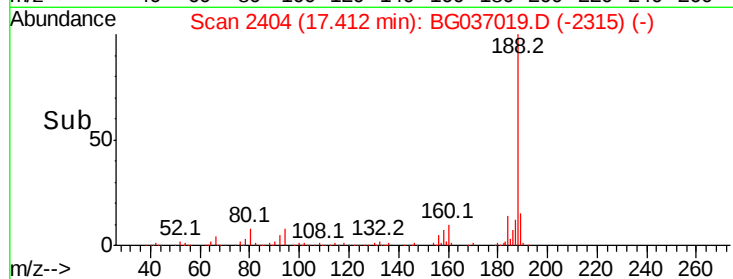
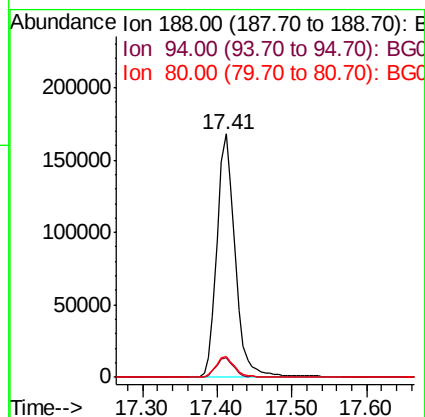
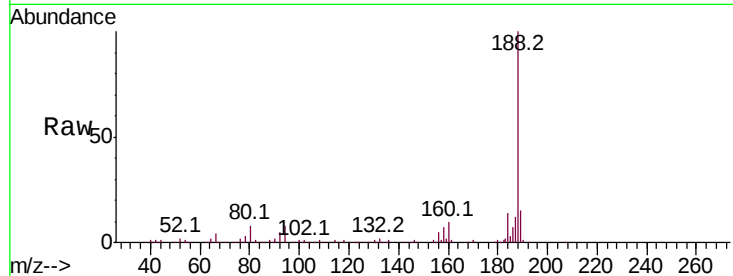




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG037019.D
Acq: 27 Sep 2018 17:56

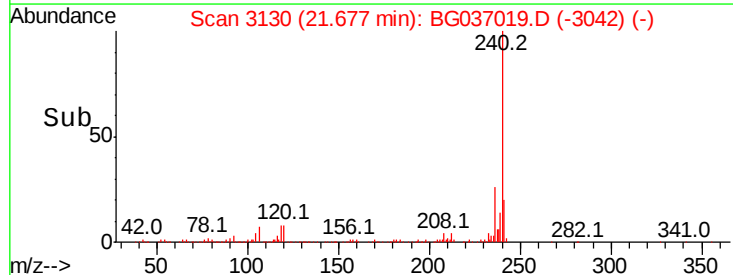
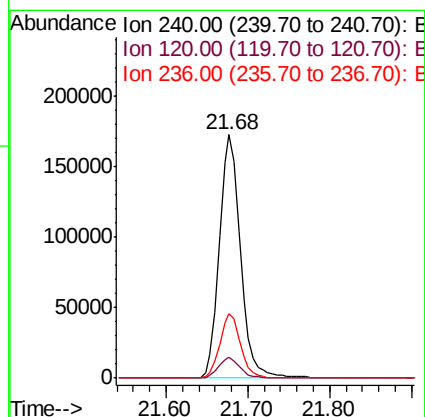
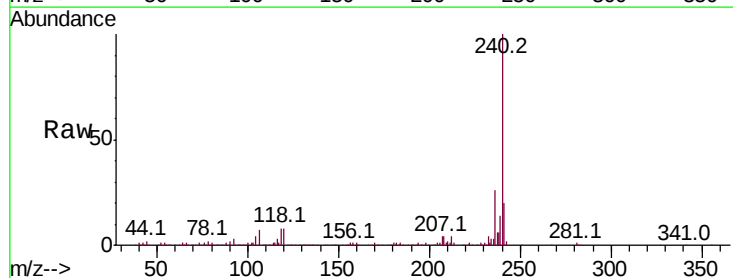
Instrument :
BNA_G
ClientSampleId :
PB113226BL

Tot Ion:188 Resp: 285484
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 8.4 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG037019.D
Acq: 27 Sep 2018 17:56

Tgt Ion:240 Resp: 310107
Ion Ratio Lower Upper
240 100
120 8.3 6.9 10.3
236 26.2 21.2 31.8



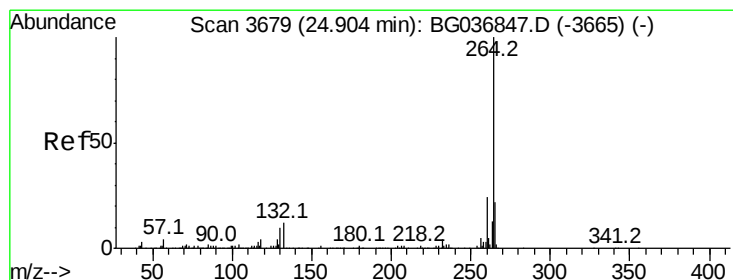
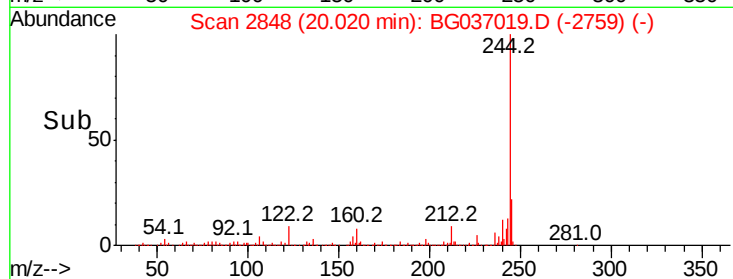
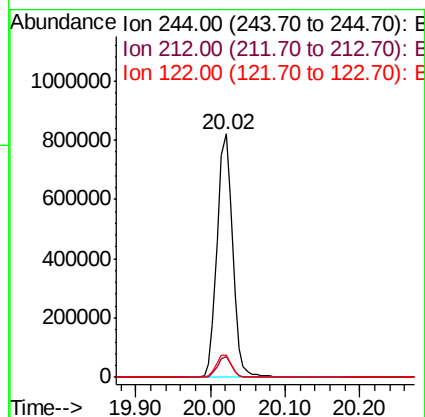
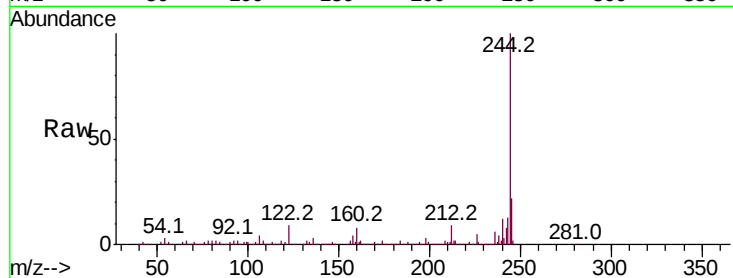


#78
 Terphenyl-d14
 Concen: 100.603 ng
 RT: 20.02 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BG037019.D
 Acq: 27 Sep 2018 17:56

Instrument :
 BNA_G
 ClientSampleId :
 PB113226BL

Tot Ion:244 Resp: 1186452

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.6
122	9.3	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3675
 Delta R.T. -0.02 min
 Lab File: BG037019.D
 Acq: 27 Sep 2018 17:56

Tgt Ion:264 Resp: 297358

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	21.8	17.4	26.0

