

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092518\
 Data File : BG036962.D
 Acq On : 25 Sep 2018 23:29
 Operator : JU/SJ
 Sample : PB113203BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113203BL

Quant Time: Sep 26 02:17:33 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	42276	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	175381	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	117333	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	309428	20.00	ng	0.00
75) Chrysene-d12	21.68	240	336182	20.00	ng	-0.01
86) Perylene-d12	24.88	264	326439	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	350966	159.21	ng	0.00
7) Phenol-d6	7.20	99	489834	143.62	ng	0.00
23) Nitrobenzene-d5	9.20	82	311121	95.00	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	207604	147.89	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	699987	88.85	ng	0.00
78) Terphenyl-d14	20.02	244	1291164	100.99	ng	0.00

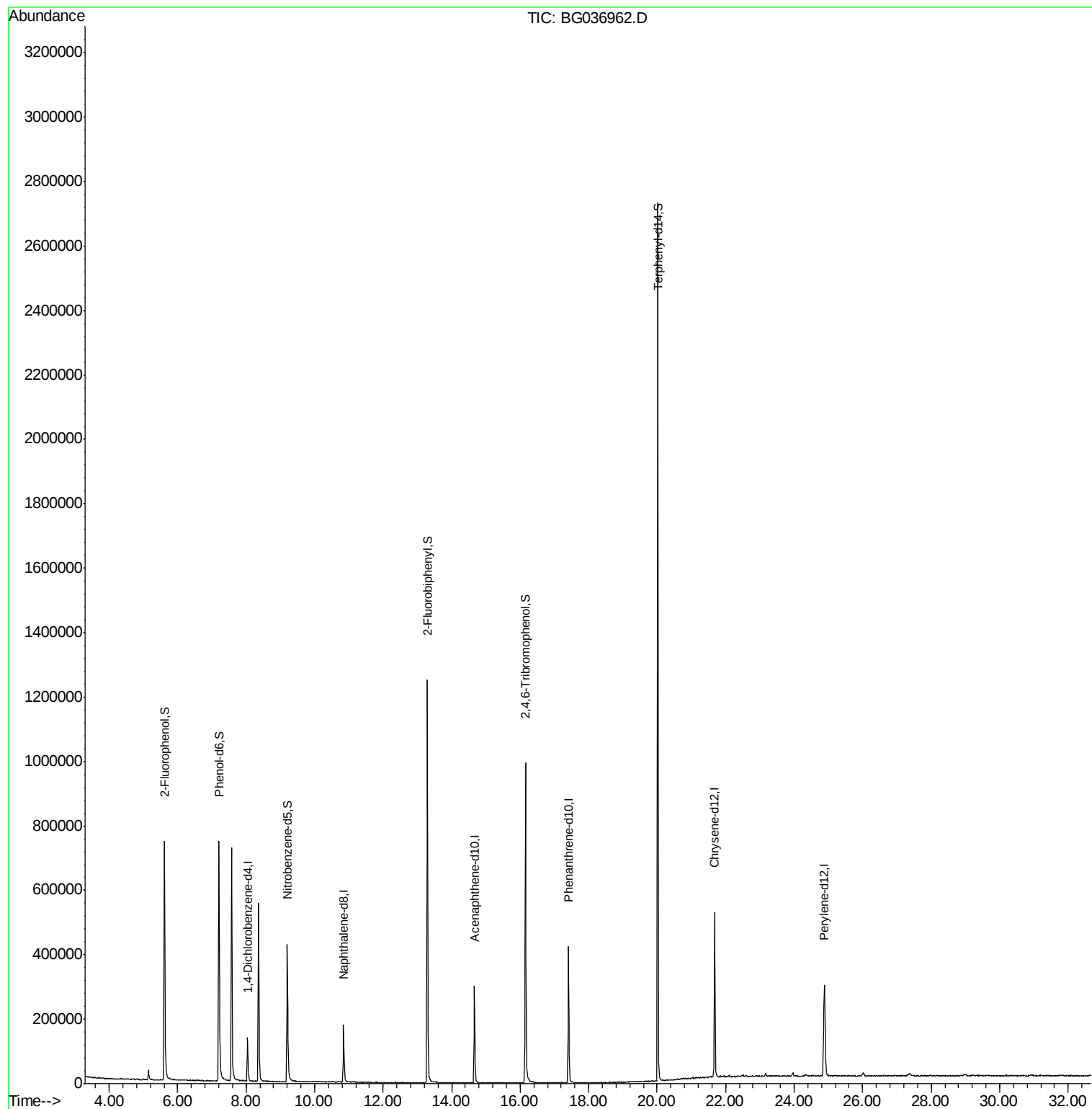
Target Compounds Qvalue

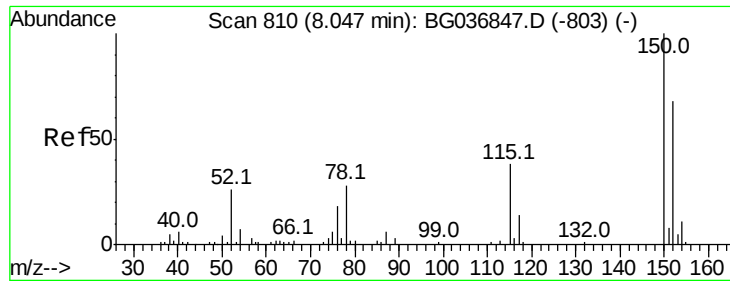
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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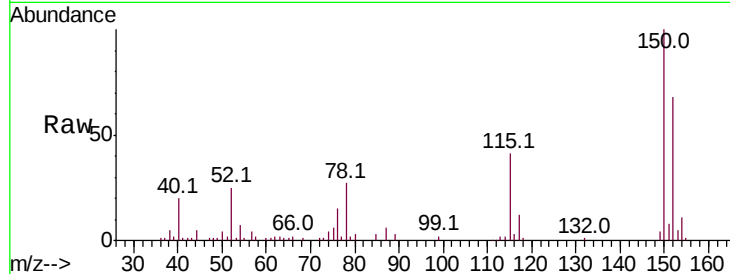


#1

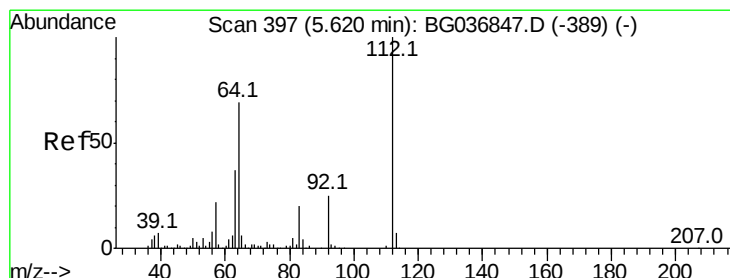
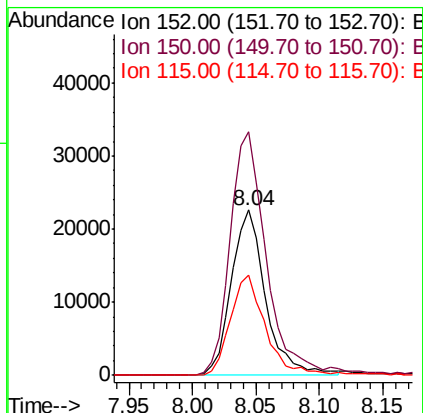
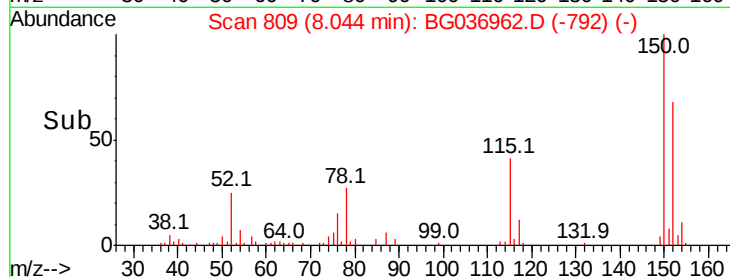
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.00 min
Lab File: BG036962.D
Acq: 25 Sep 2018 23:29

Instrument :
BNA_G
ClientSampleId :
PB113203BL

Tot Ion:152 Resp: 42276
Ion Ratio Lower Upper
152 100
150 147.3 119.5 179.3
115 60.5 44.5 66.7



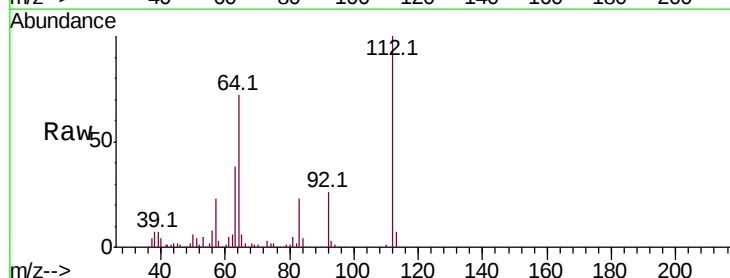
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



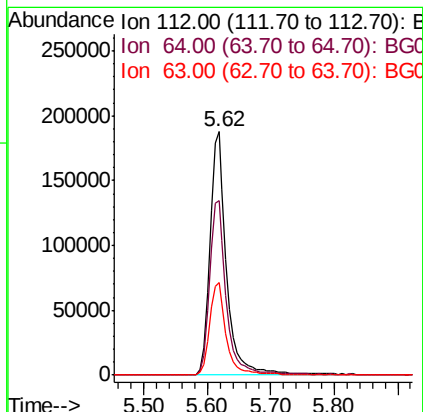
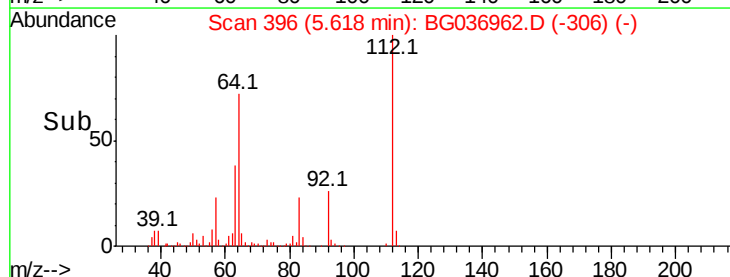
#5

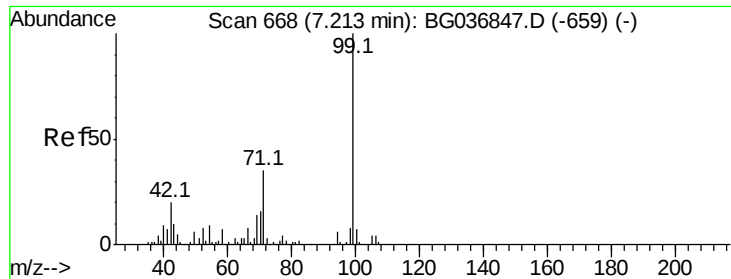
2-Fluorophenol
Concen: 159.210 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG036962.D
Acq: 25 Sep 2018 23:29

Tgt Ion:112 Resp: 350966
Ion Ratio Lower Upper
112 100
64 71.8 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: 143.620 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036962.D

Acq: 25 Sep 2018 23:29

Instrument :

BNA_G

ClientSampleId :

PB113203BL

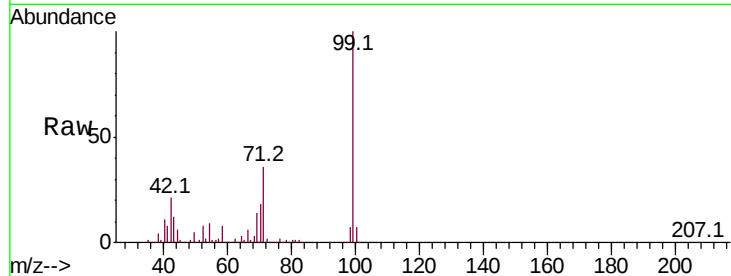
Tot Ion: 99 Resp: 489834

Ion Ratio Lower Upper

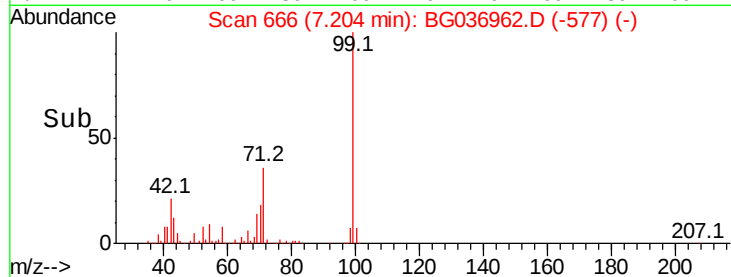
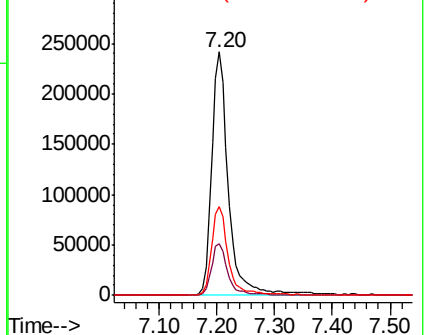
99 100

42 21.3 16.5 24.7

71 36.5 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: 10.85 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG036962.D

Acq: 25 Sep 2018 23:29

Tgt Ion: 136 Resp: 175381

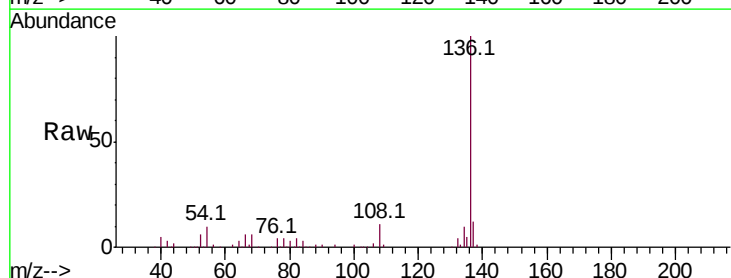
Ion Ratio Lower Upper

136 100

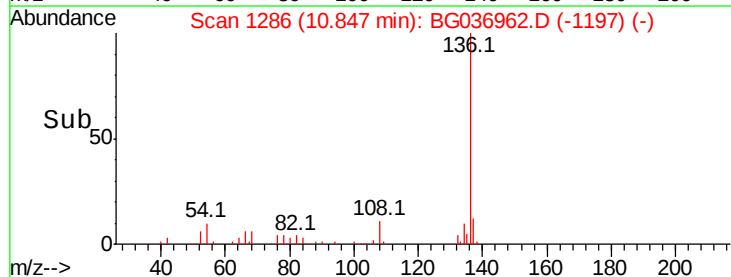
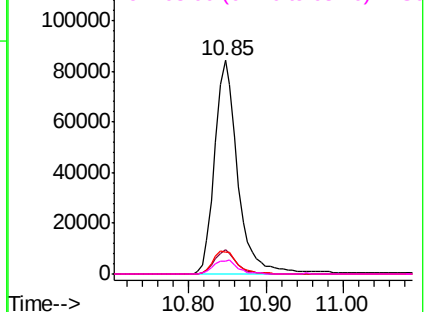
137 11.6 8.8 13.2

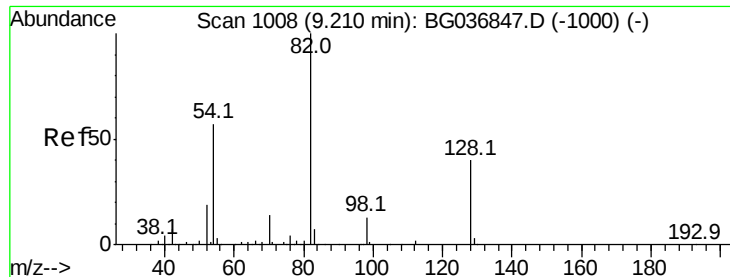
54 10.4 9.2 13.8

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

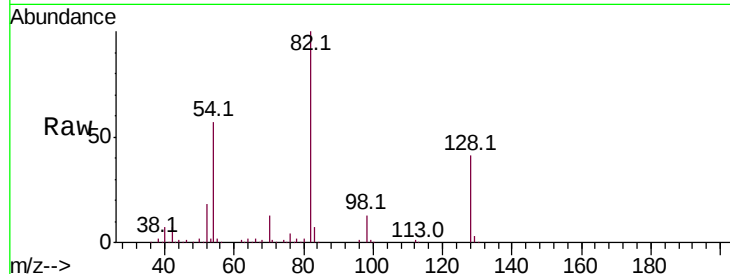




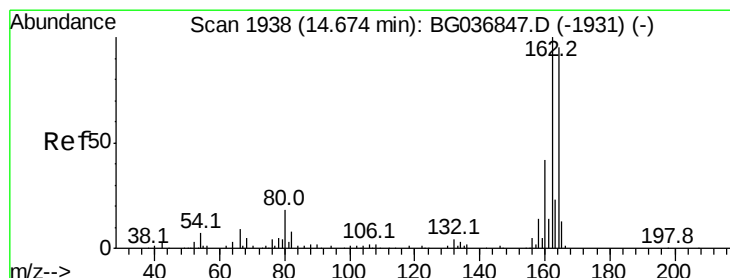
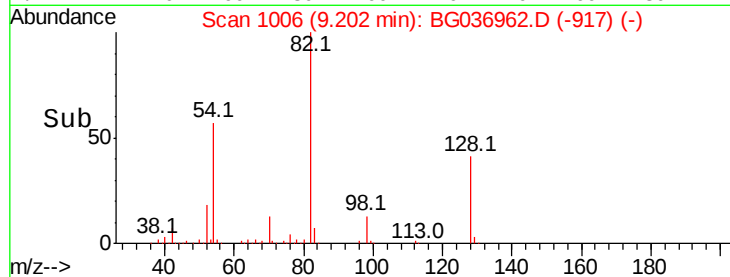
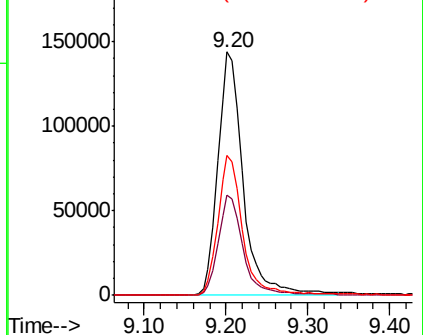
#23
 Nitrobenzene-d5
 Concen: 94.998 ng
 RT: 9.20 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BG036962.D
 Acq: 25 Sep 2018 23:29

Instrument :
 BNA_G
 ClientSampleId :
 PB113203BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.3	33.3	49.9
54	57.4	45.1	67.7

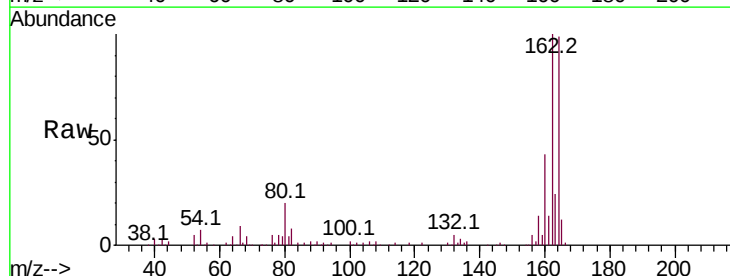


Abundance Ion 82.00 (81.70 to 82.70): BG036847.D (-1000) (-)
 Ion 128.00 (127.70 to 128.70): BG036847.D (-1000) (-)
 Ion 54.00 (53.70 to 54.70): BG036847.D (-1000) (-)

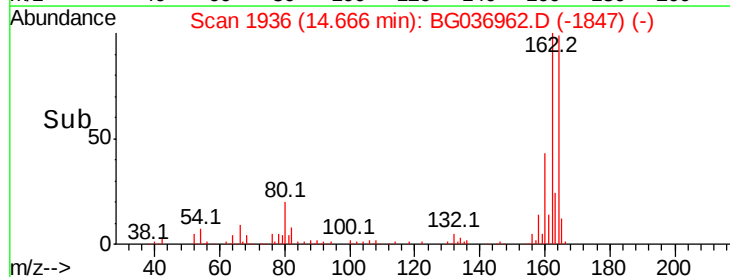
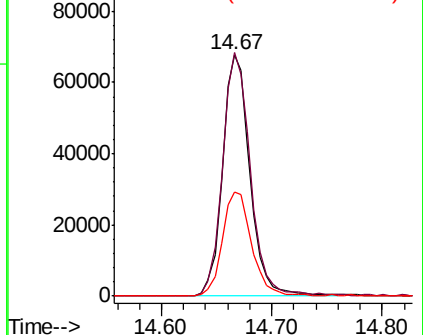


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BG036962.D
 Acq: 25 Sep 2018 23:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.7	121.1
160	43.2	35.3	52.9



Abundance Ion 164.00 (163.70 to 164.70): BG036847.D (-1931) (-)
 Ion 162.00 (161.70 to 162.70): BG036847.D (-1931) (-)
 Ion 160.00 (159.70 to 160.70): BG036847.D (-1931) (-)

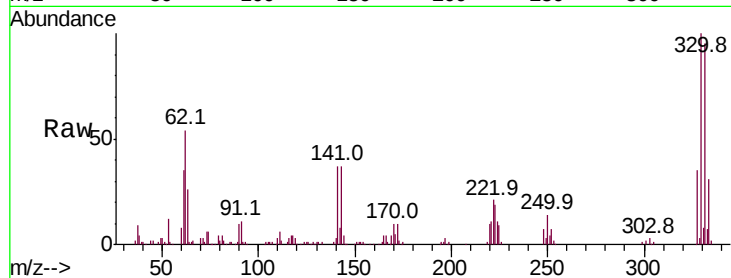




#41
 2,4,6-Tribromophenol
 Concen: 147.885 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG036962.D
 Acq: 25 Sep 2018 23:29

Instrument :
 BNA_G
 ClientSampleId :
 PB113203BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.4	113.2
141	38.6	30.7	46.1

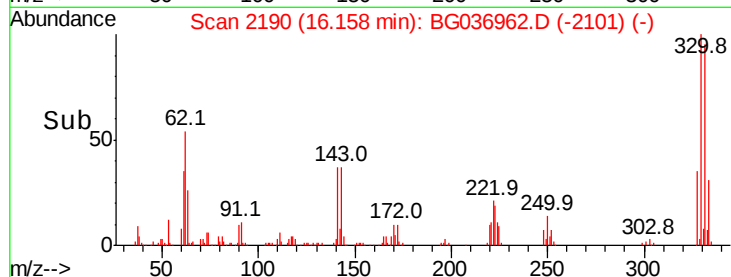
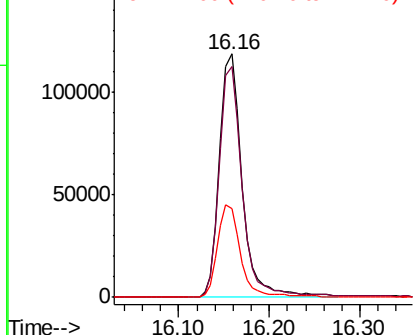


Abundance

Ion 329.80 (329.50 to 330.50): E

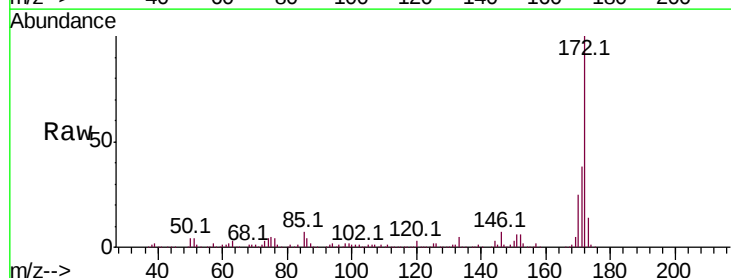
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 88.854 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG036962.D
 Acq: 25 Sep 2018 23:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.3	46.9
170	25.3	21.0	31.6

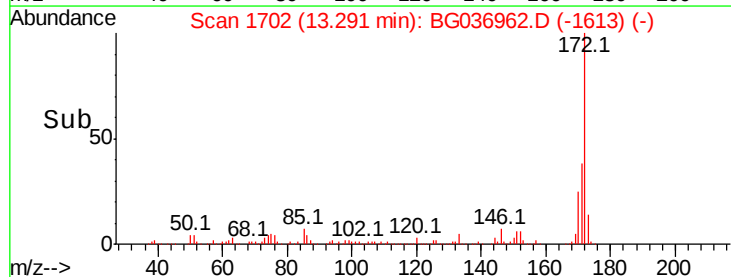
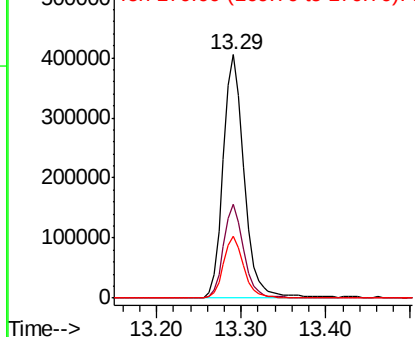


Abundance

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

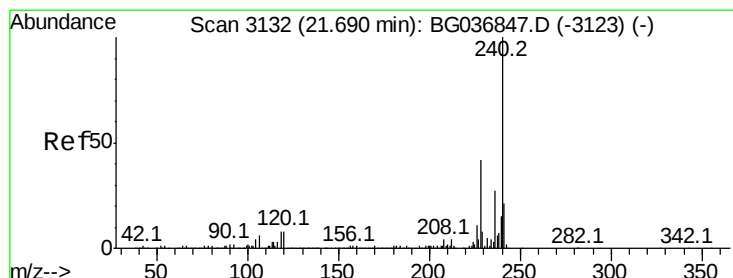
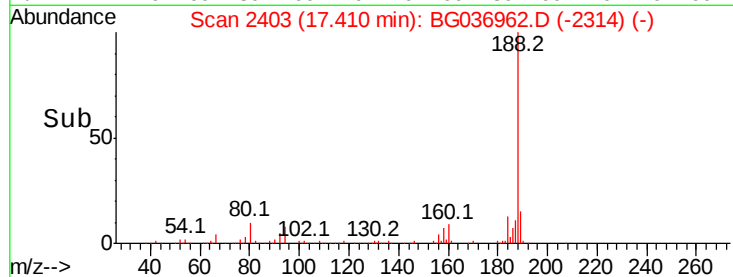
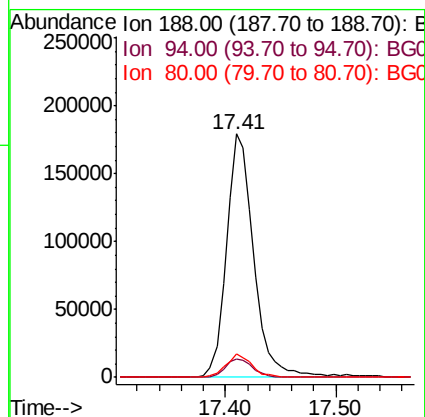
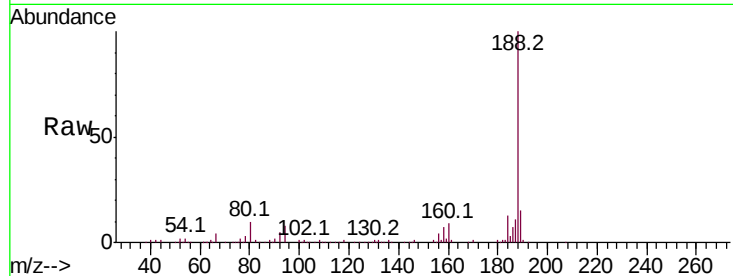




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG036962.D
Acq: 25 Sep 2018 23:29

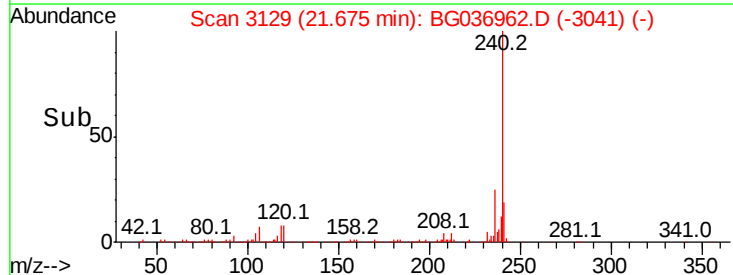
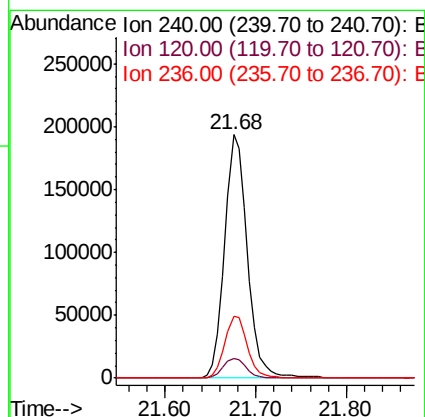
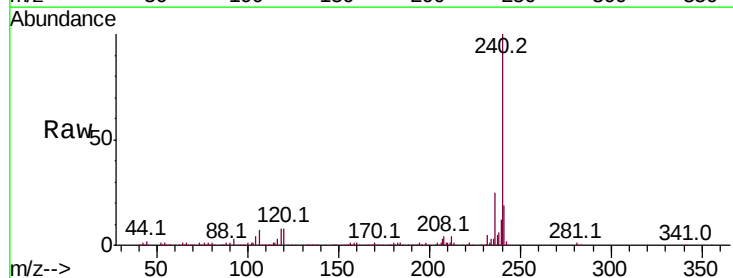
Instrument :
BNA_G
ClientSampleId :
PB113203BL

Tot Ion:188 Resp: 309428
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: 21.68 min Scan# 3129
Delta R.T. -0.01 min
Lab File: BG036962.D
Acq: 25 Sep 2018 23:29

Tgt Ion:240 Resp: 336182
Ion Ratio Lower Upper
240 100
120 8.2 6.9 10.3
236 25.5 21.2 31.8





#78

Terphenyl-d14

Concen: 100.990 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG036962.D

Acq: 25 Sep 2018 23:29

Instrument :

BNA_G

ClientSampleId :

PB113203BL

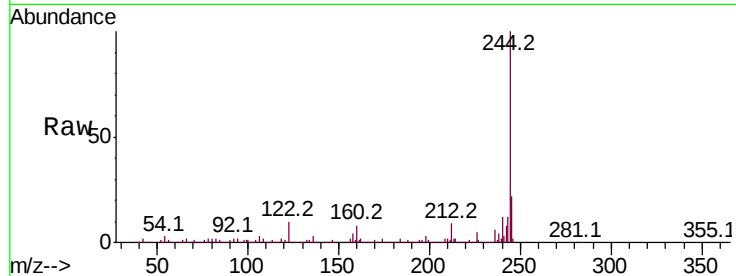
Tot Ion:244 Resp: 1291164

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.0	10.6
122	9.6	7.1	10.7

244 100

212 9.2 7.0 10.6

122 9.6 7.1 10.7

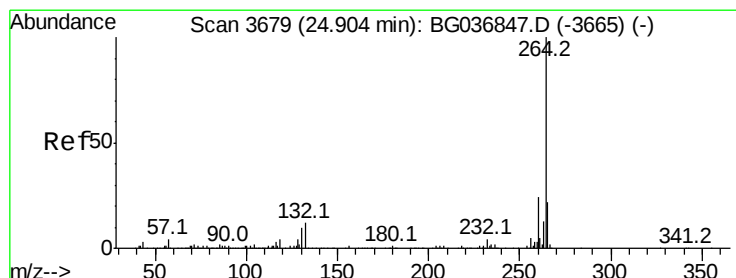
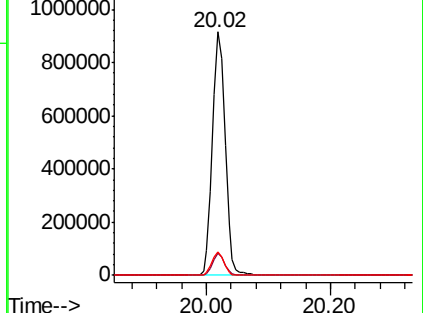
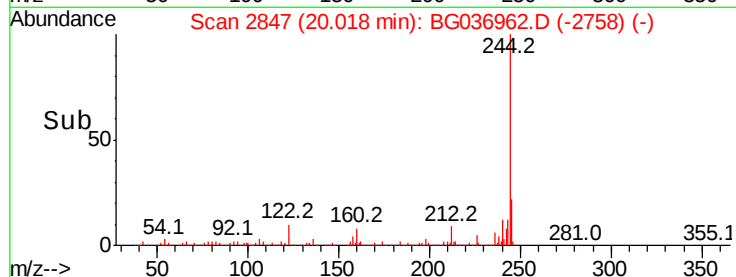


Abundance

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: 24.88 min Scan# 3675

Delta R.T. -0.02 min

Lab File: BG036962.D

Acq: 25 Sep 2018 23:29

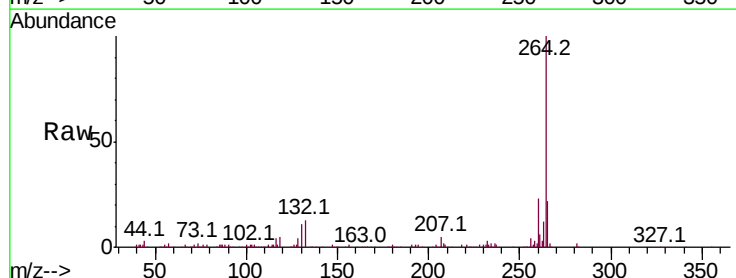
Tgt Ion:264 Resp: 326439

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.6	29.4
265	22.0	17.4	26.0

264 100

260 23.4 19.6 29.4

265 22.0 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

