

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092718\
 Data File : BG037020.D
 Acq On : 27 Sep 2018 18:35
 Operator : JU/SJ
 Sample : PB113269BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113269BL

Quant Time: Sep 28 04:29:24 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	39235	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	156879	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	95831	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	265447	20.00	ng	0.00
75) Chrysene-d12	21.68	240	300386	20.00	ng	-0.01
86) Perylene-d12	24.88	264	296149	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	318114	155.49	ng	0.00
7) Phenol-d6	7.20	99	427729	135.13	ng	-0.01
23) Nitrobenzene-d5	9.20	82	285969	97.62	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	177978	155.23	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	602777	93.68	ng	-0.01
78) Terphenyl-d14	20.02	244	1175602	102.91	ng	0.00

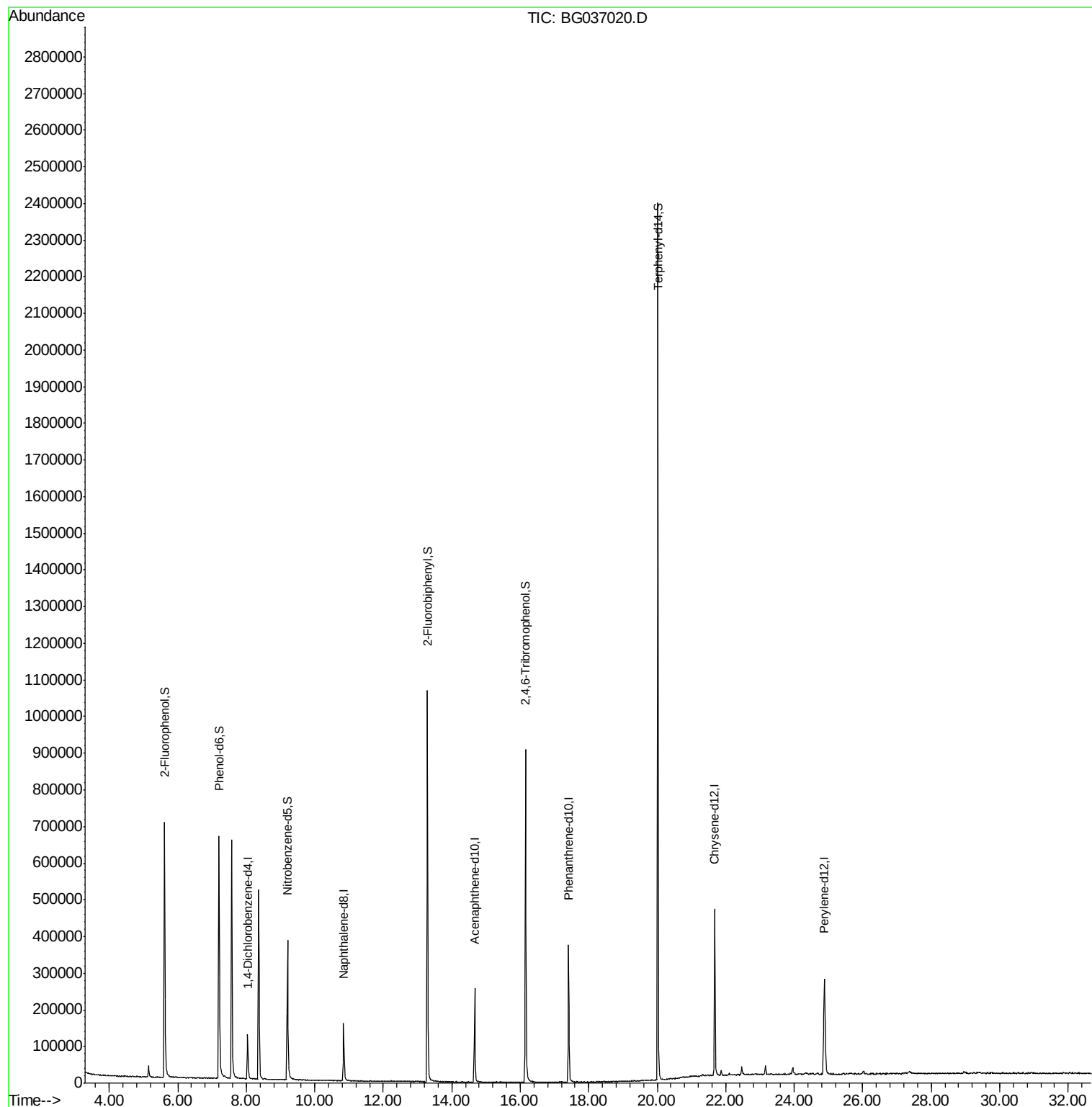
Target Compounds Qvalue

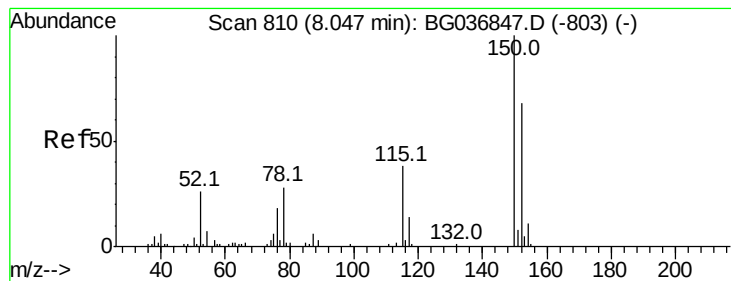
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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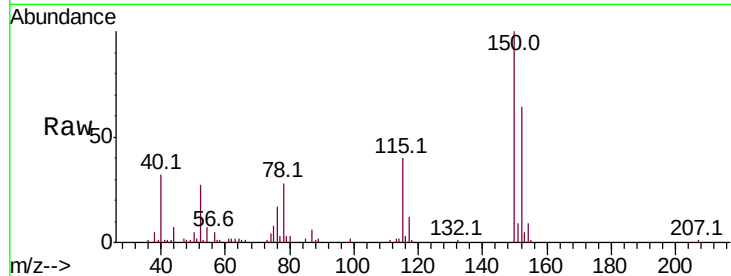


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG037020.D
Acq: 27 Sep 2018 18:35

Instrument :
BNA_G
ClientSampleId :
PB113269BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	119.5	179.3
115	62.8	44.5	66.7

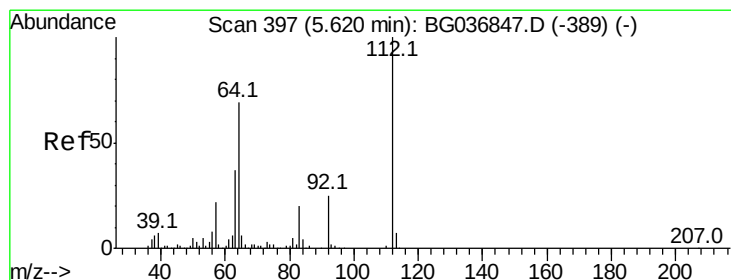
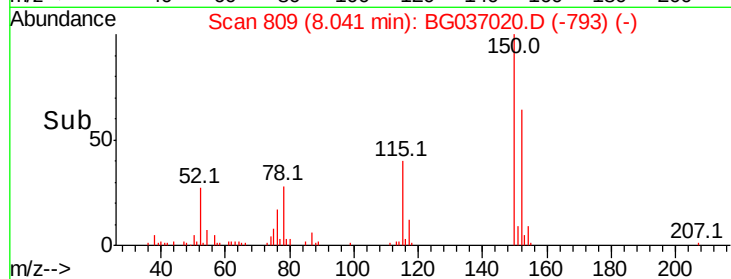
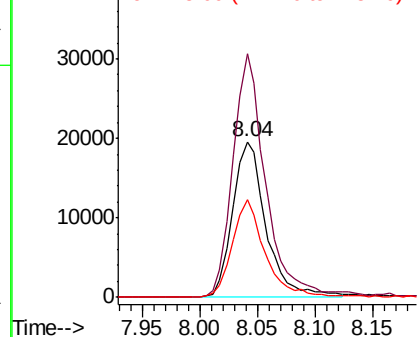


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

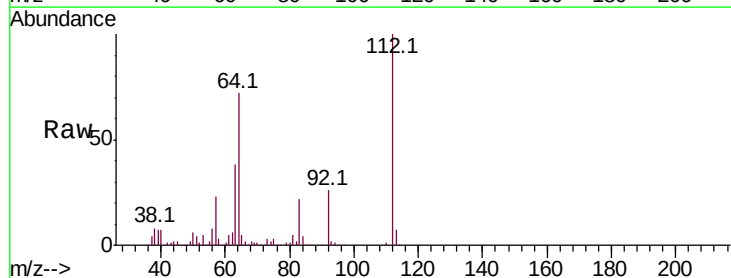
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 155.492 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG037020.D
Acq: 27 Sep 2018 18:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.9	57.2	85.8
63	38.4	30.8	46.2

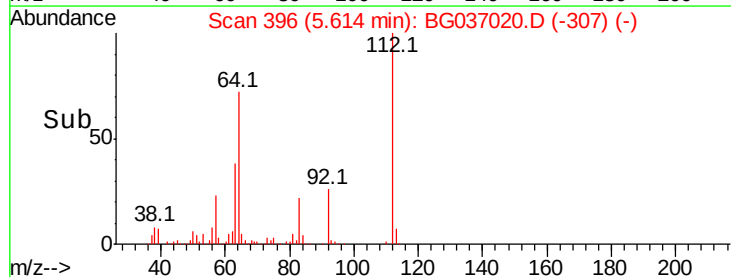
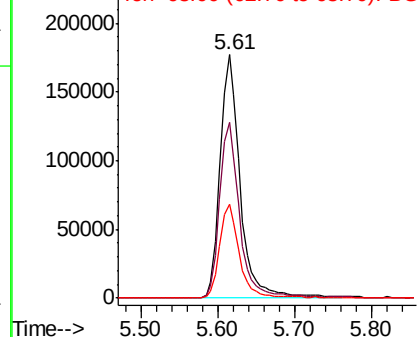


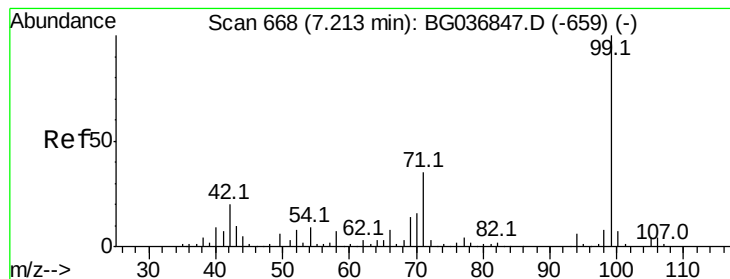
Abundance

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: 135.131 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037020.D

Acq: 27 Sep 2018 18:35

Instrument :

BNA_G

ClientSampleId :

PB113269BL

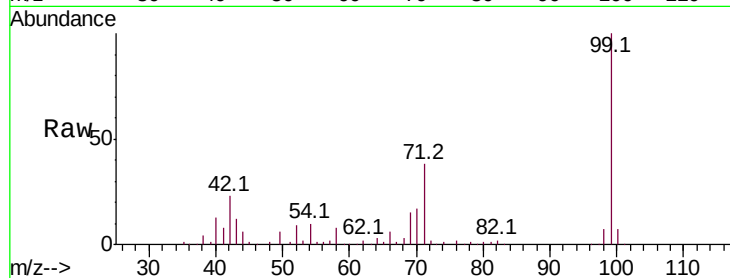
Tot Ion: 99 Resp: 427729

Ion Ratio Lower Upper

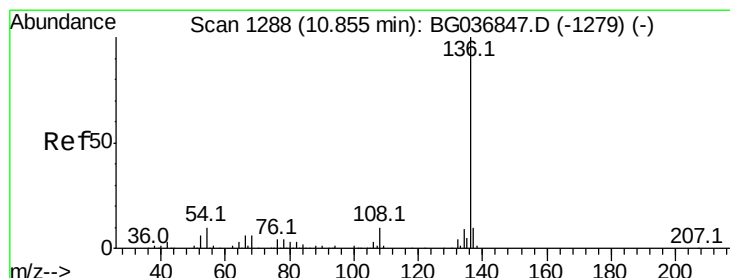
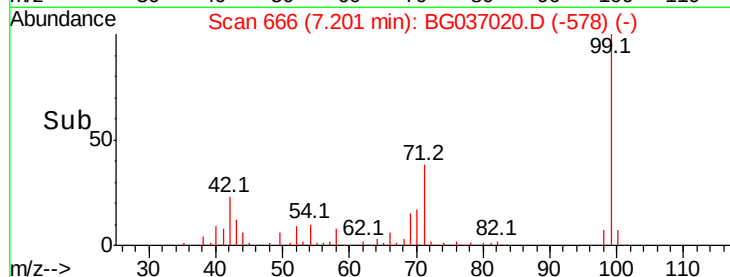
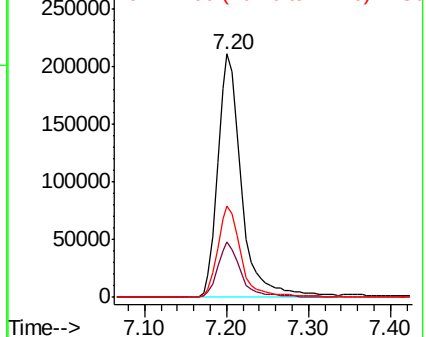
99 100

42 22.8 16.5 24.7

71 37.6 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: 10.84 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG037020.D

Acq: 27 Sep 2018 18:35

Tgt Ion: 136 Resp: 156879

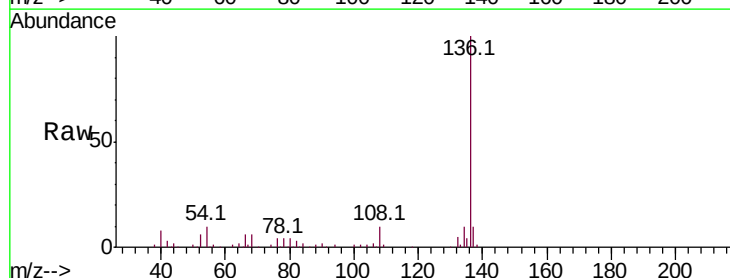
Ion Ratio Lower Upper

136 100

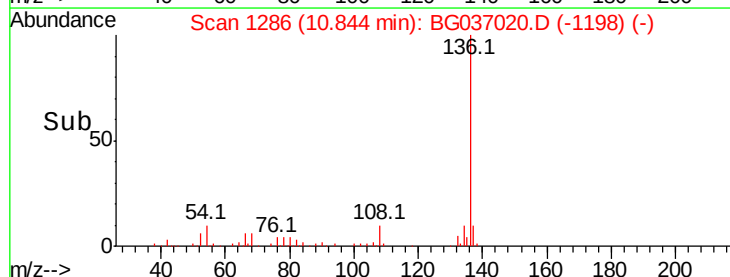
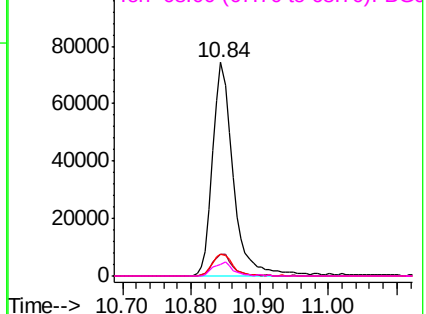
137 10.5 8.8 13.2

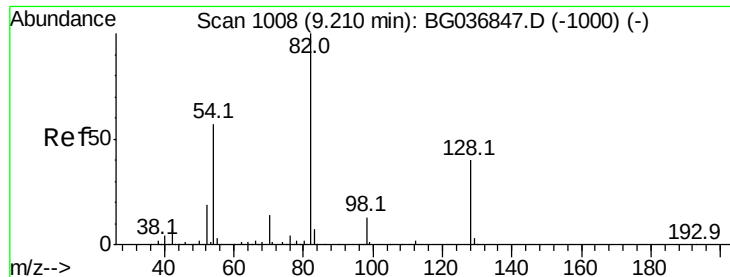
54 10.0 9.2 13.8

68 5.7 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

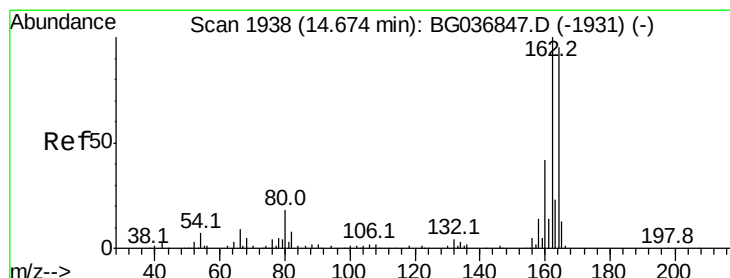
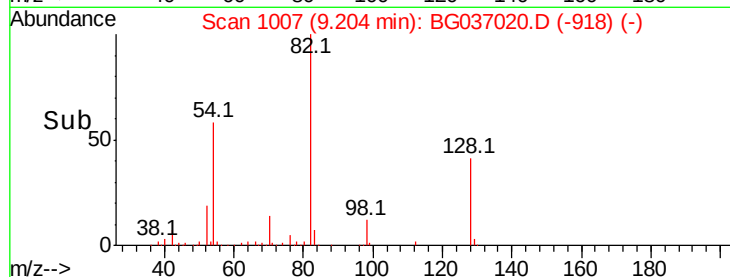
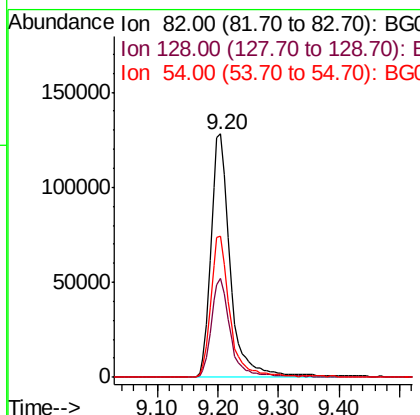
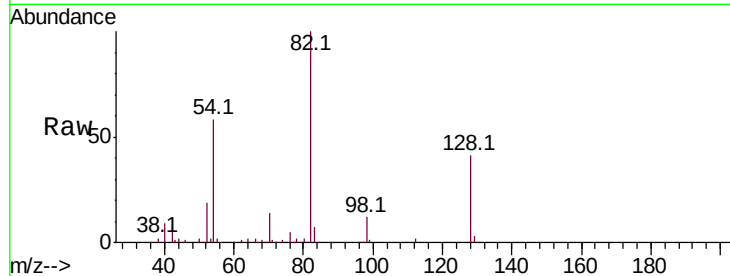




#23
 Nitrobenzene-d5
 Concen: 97.616 ng
 RT: 9.20 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BG037020.D
 Acq: 27 Sep 2018 18:35

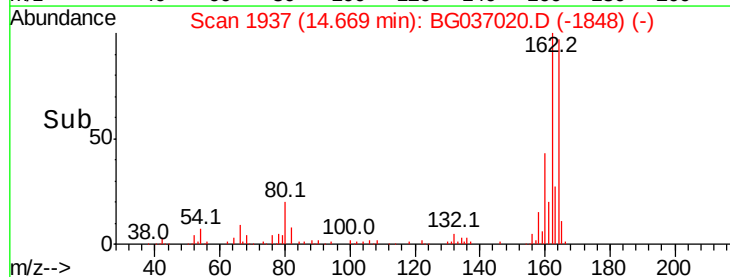
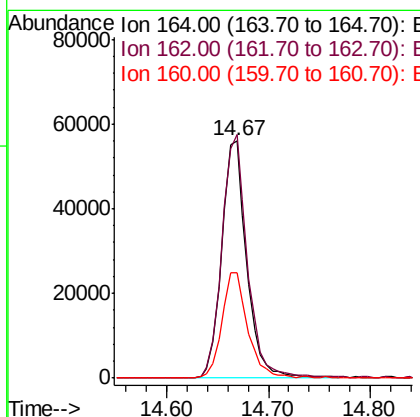
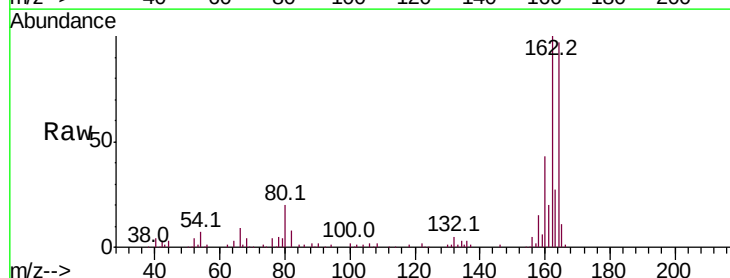
Instrument :
 BNA_G
 ClientSampleId :
 PB113269BL

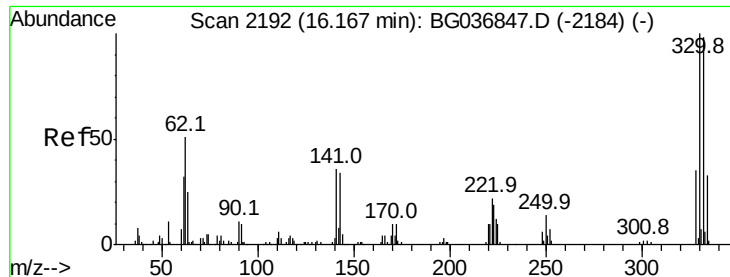
Tot Ion	82	Resp	285969
Ion Ratio	100	Lower	Upper
128	40.8	33.3	49.9
54	58.0	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: BG037020.D
 Acq: 27 Sep 2018 18:35

Tgt Ion	164	Resp	95831
Ion Ratio	100	Lower	Upper
162	102.6	80.7	121.1
160	44.2	35.3	52.9

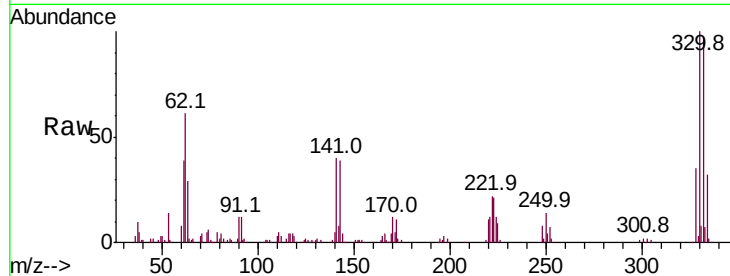




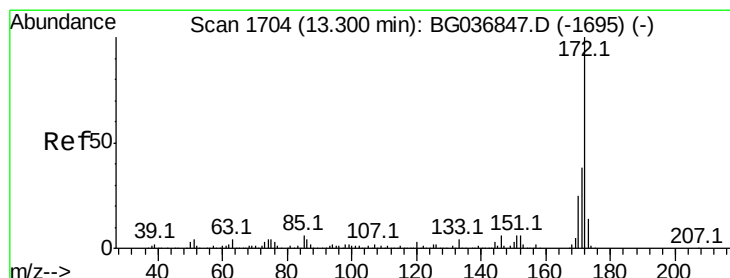
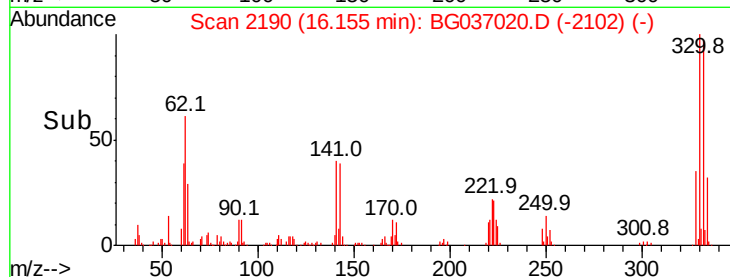
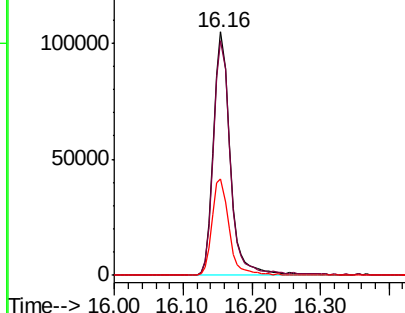
#41
 2,4,6-Tribromophenol
 Concen: 155.228 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG037020.D
 Acq: 27 Sep 2018 18:35

Instrument :
 BNA_G
 ClientSampled :
 PB113269BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.4	113.2
141	40.6	30.7	46.1

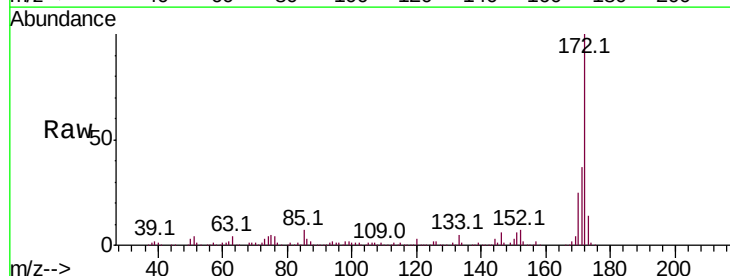


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

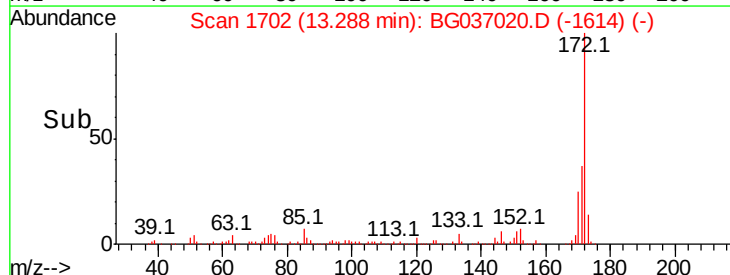
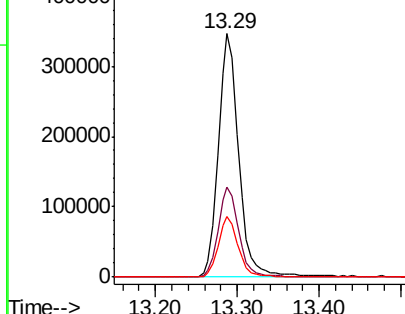


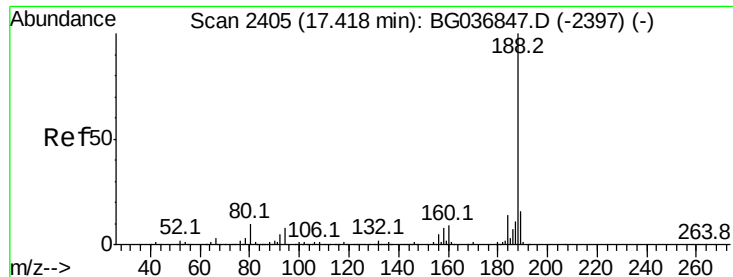
#44
 2-Fluorobiphenyl
 Concen: 93.683 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037020.D
 Acq: 27 Sep 2018 18:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	31.3	46.9
170	24.8	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: BG037020.D

Acq: 27 Sep 2018 18:35

Instrument :

BNA_G

ClientSampleId :

PB113269BL

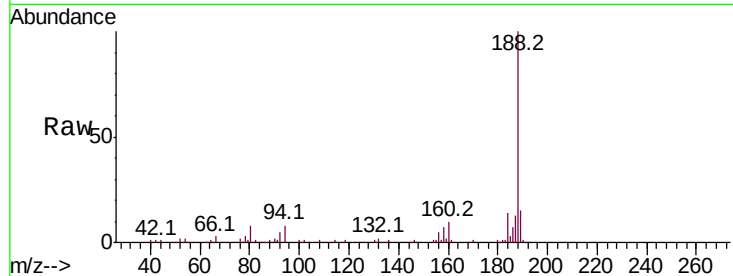
Tot Ion:188 Resp: 265447

Ion Ratio Lower Upper

188 100

94 7.6 6.7 10.1

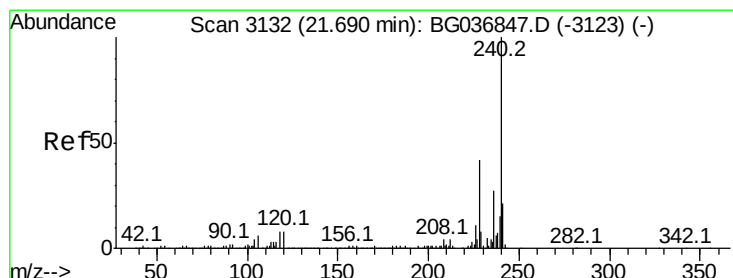
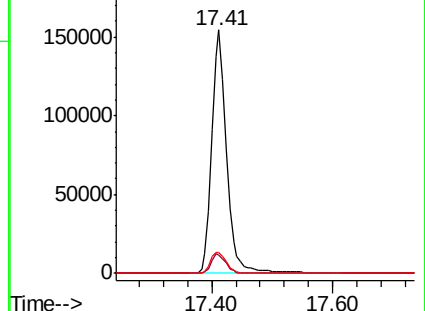
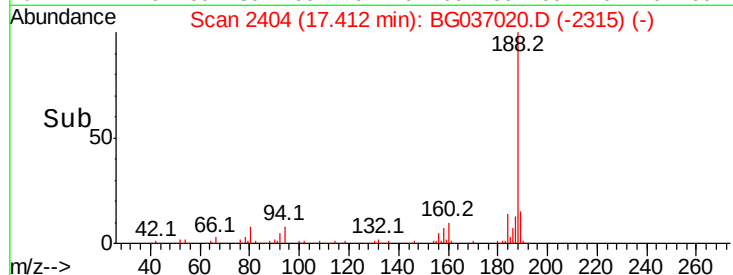
80 8.4 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG037020.D

Acq: 27 Sep 2018 18:35

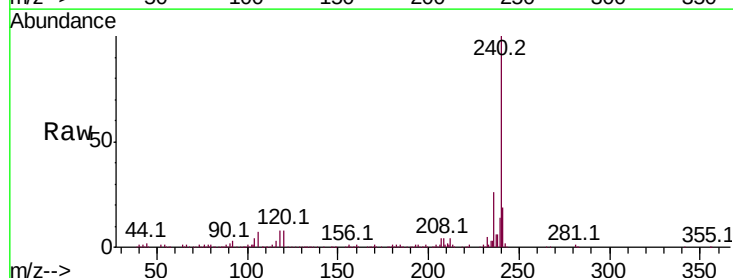
Tgt Ion:240 Resp: 300386

Ion Ratio Lower Upper

240 100

120 8.3 6.9 10.3

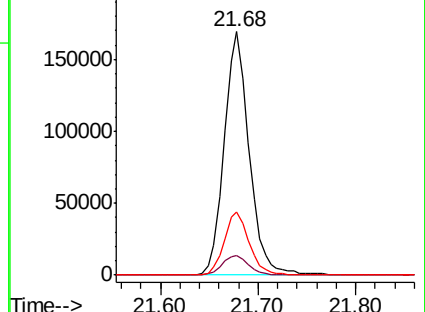
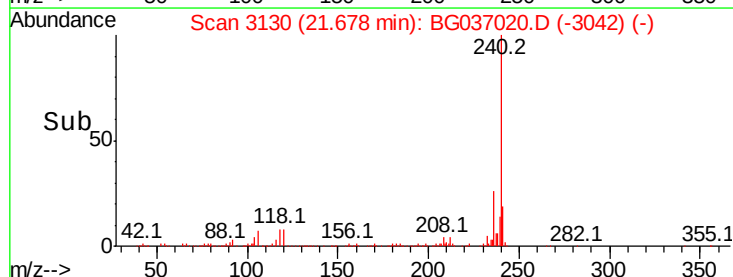
236 26.1 21.2 31.8

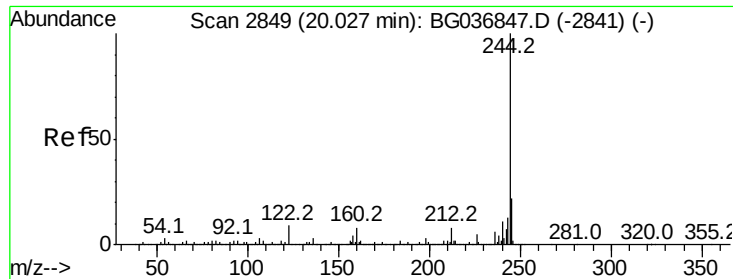


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 102.909 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG037020.D

Acq: 27 Sep 2018 18:35

Instrument :

BNA_G

ClientSampled :

PB113269BL

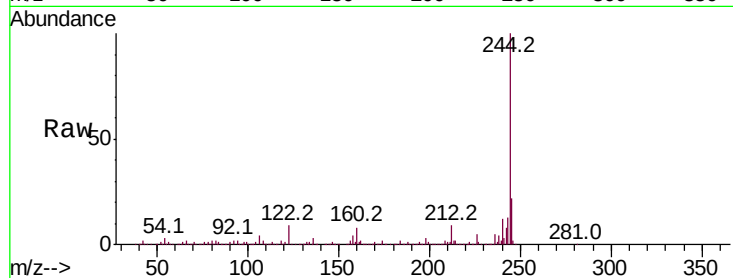
Tot Ion:244 Resp: 1175602

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.6
122	9.1	7.1	10.7

244 100

212 8.7 7.0 10.6

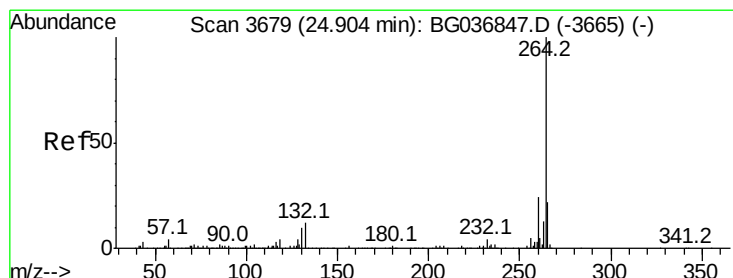
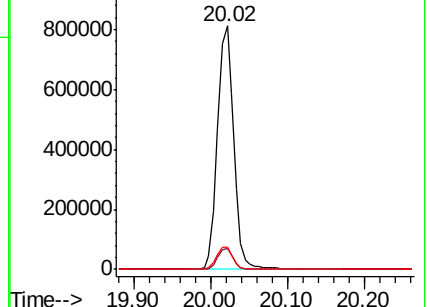
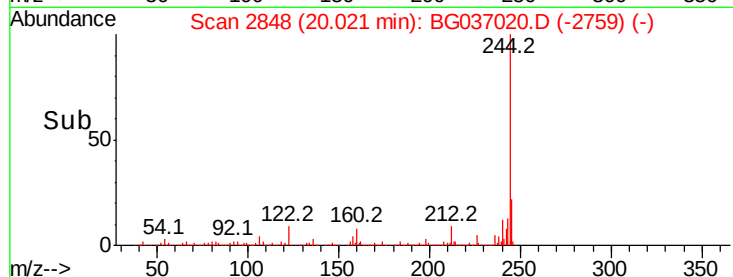
122 9.1 7.1 10.7



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: BG037020.D

Acq: 27 Sep 2018 18:35

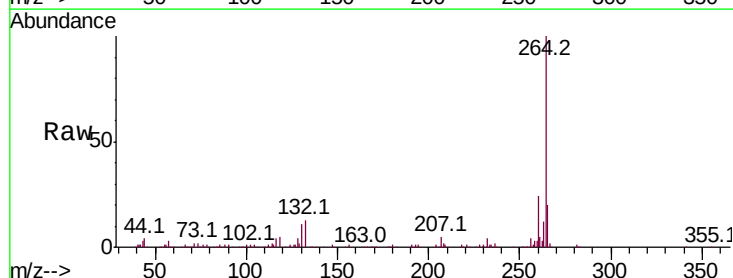
Tgt Ion:264 Resp: 296149

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	20.2	17.4	26.0

264 100

260 24.4 19.6 29.4

265 20.2 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

