

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092818\
 Data File : BG037073.D
 Acq On : 29 Sep 2018 6:44
 Operator : JU/SJ
 Sample : J4777-34
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-092718-A

Quant Time: Oct 01 02:17:57 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	40342	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	166107	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	102109	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	267614	20.00	ng	0.00
75) Chrysene-d12	21.67	240	304029	20.00	ng	-0.02
86) Perylene-d12	24.88	264	293658	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	250343	119.01	ng	0.00
7) Phenol-d6	7.20	99	298300	91.66	ng	-0.01
23) Nitrobenzene-d5	9.20	82	268136	86.44	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	142563	116.70	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	535844	78.16	ng	-0.01
78) Terphenyl-d14	20.02	244	1051579	90.95	ng	-0.01

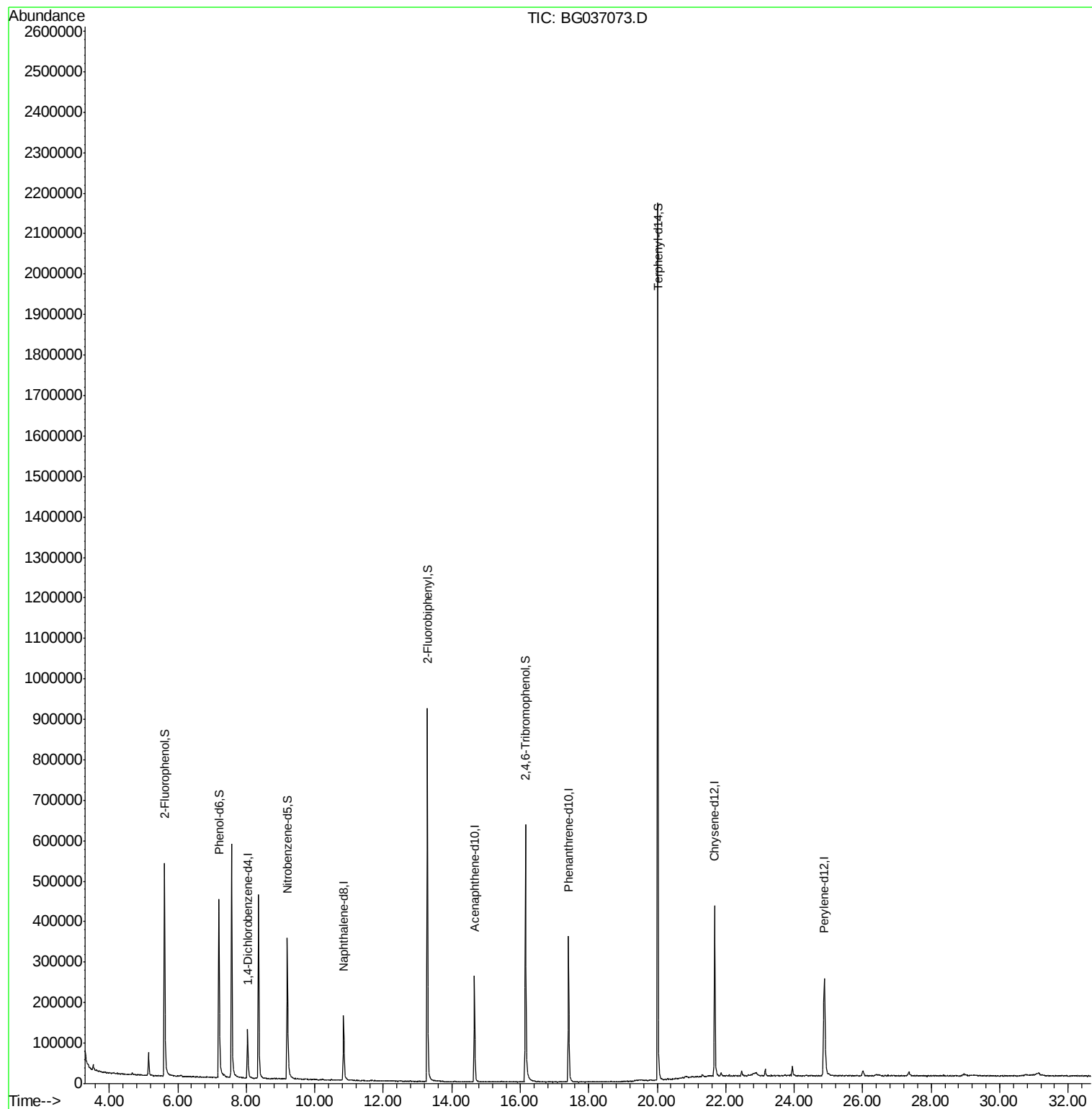
Target Compounds Qvalue

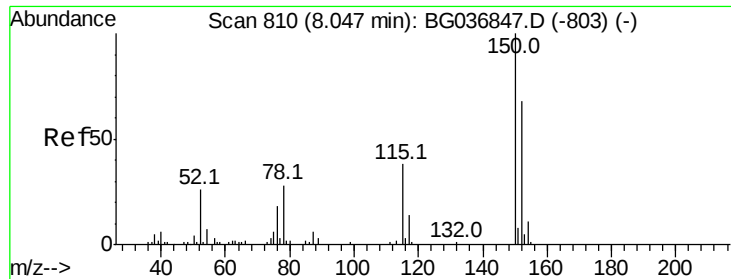
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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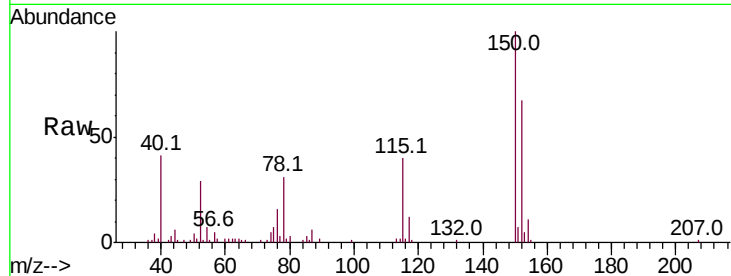


#1

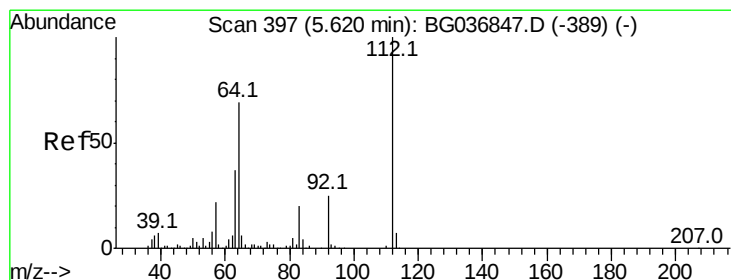
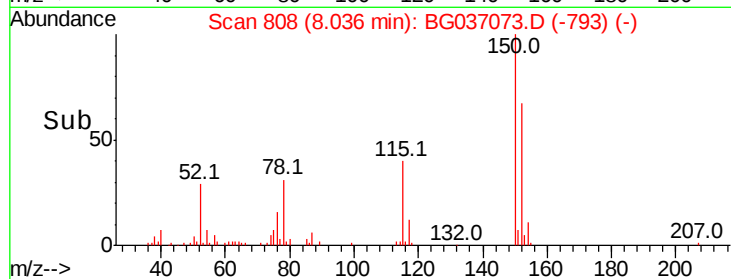
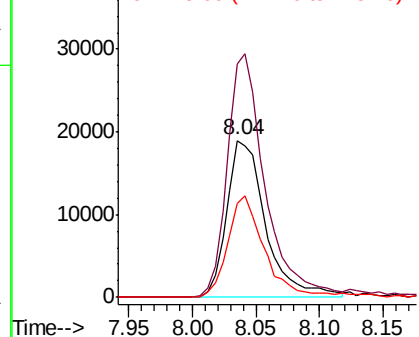
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG037073.D
Acq: 29 Sep 2018 6:44

Instrument :
BNA_G
ClientSampleId :
PL-01-092718-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.5	119.5	179.3
115	60.0	44.5	66.7



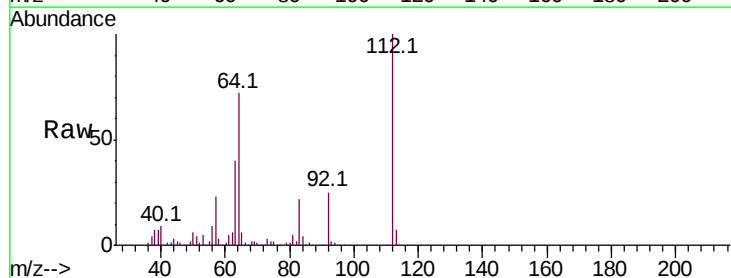
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



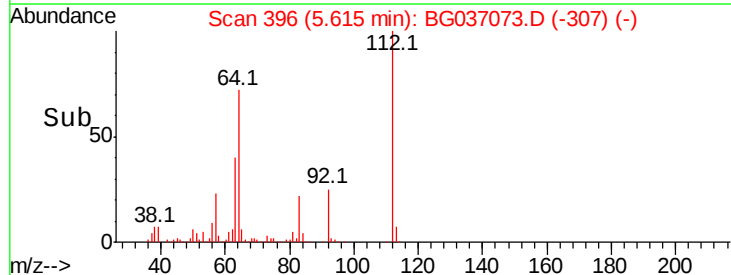
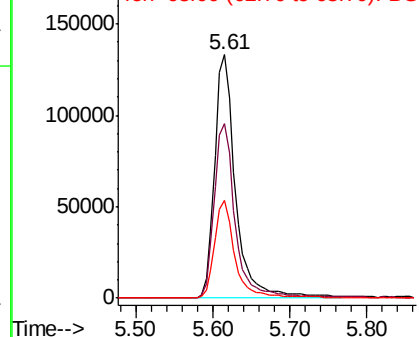
#5

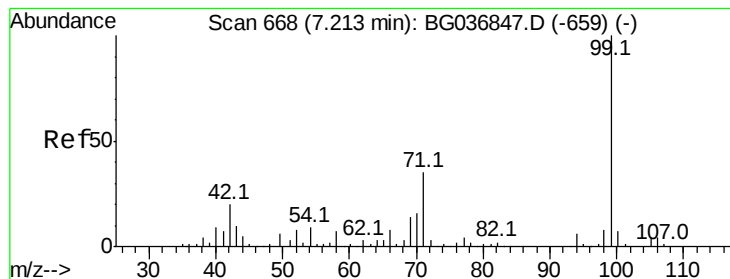
2-Fluorophenol
Concen: 119.008 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG037073.D
Acq: 29 Sep 2018 6:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.6	57.2	85.8
63	40.2	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: 91.655 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037073.D

Acq: 29 Sep 2018 6:44

Instrument :

BNA_G

ClientSampleId :

PL-01-092718-A

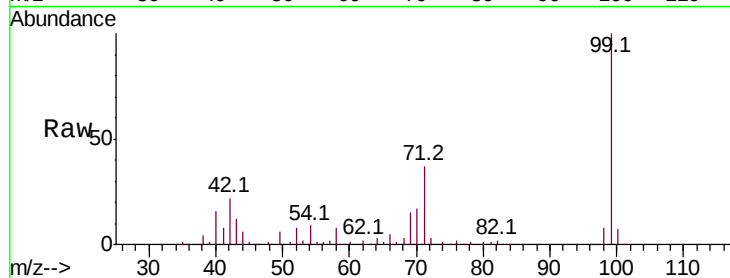
Tot Ion: 99 Resp: 298300

Ion Ratio Lower Upper

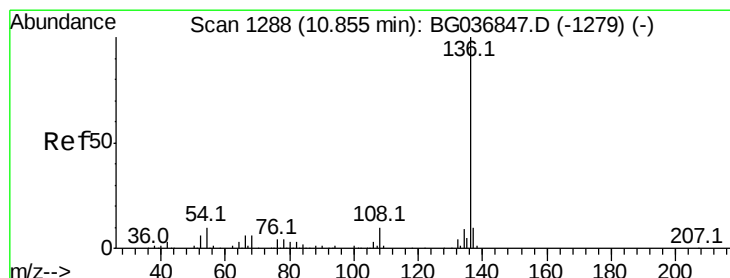
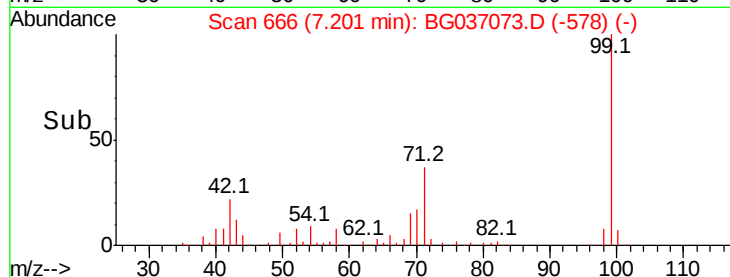
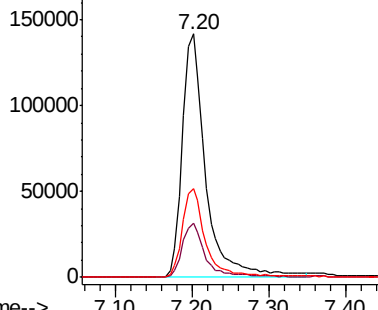
99 100

42 22.1 16.5 24.7

71 36.7 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: BG037073.D

Acq: 29 Sep 2018 6:44

Tgt Ion: 136 Resp: 166107

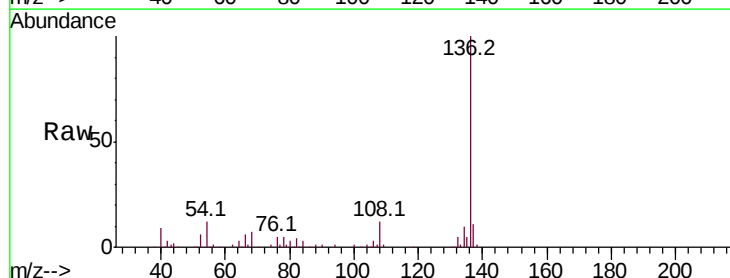
Ion Ratio Lower Upper

136 100

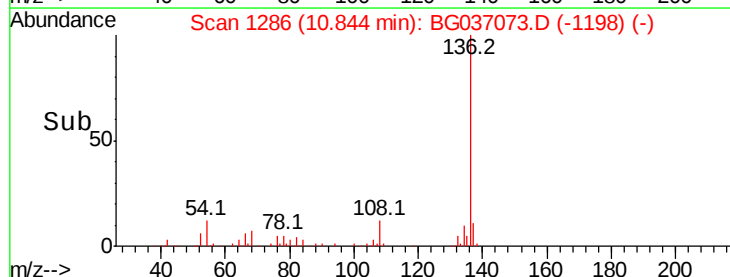
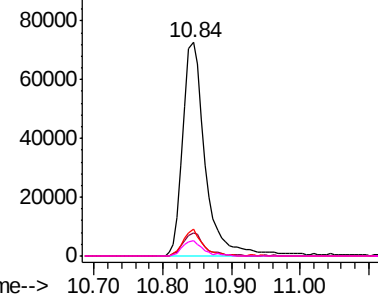
137 10.7 8.8 13.2

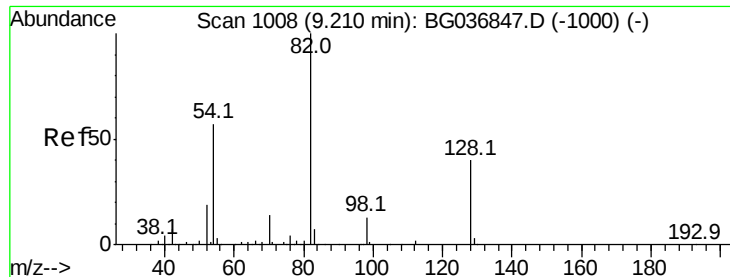
54 12.3 9.2 13.8

68 7.0 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

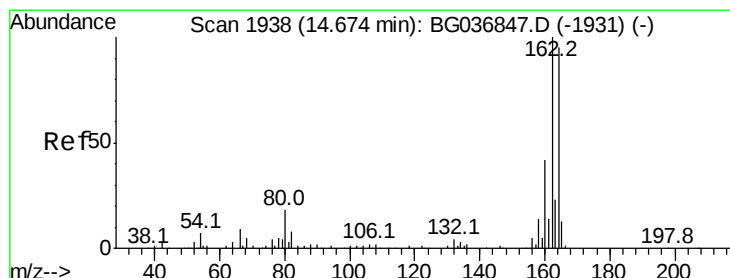
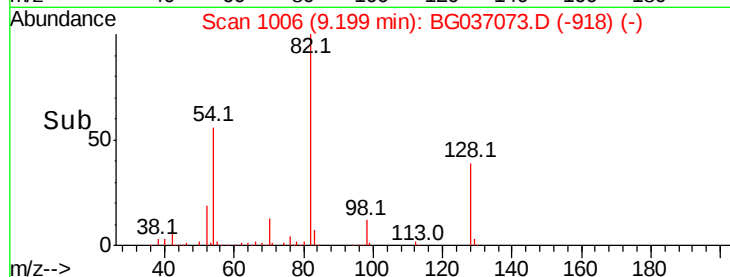
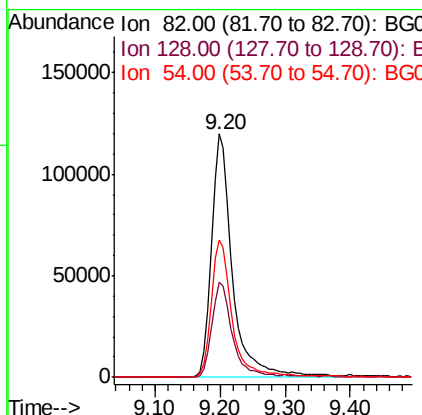
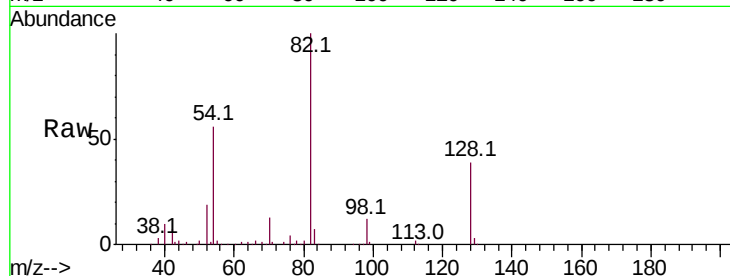




#23
Nitrobenzene-d5
Concen: 86.444 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037073.D
Acq: 29 Sep 2018 6:44

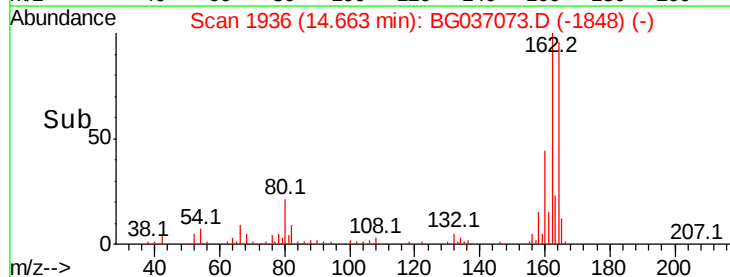
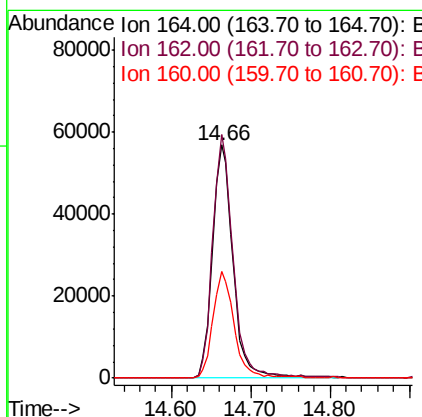
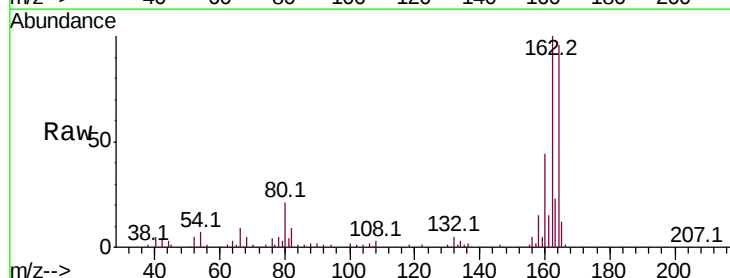
Instrument :
BNA_G
ClientSampleId :
PL-01-092718-A

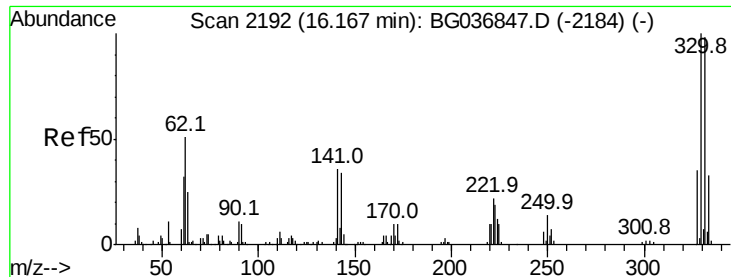
Tot Ion	82	Resp	268136
Ion Ratio	100	Lower	Upper
128	39.0	33.3	49.9
54	56.5	45.1	67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037073.D
Acq: 29 Sep 2018 6:44

Tgt Ion	164	Resp	102109
Ion Ratio	100	Lower	Upper
162	104.3	80.7	121.1
160	45.7	35.3	52.9

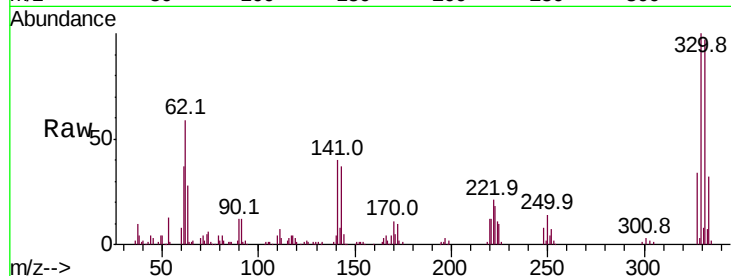




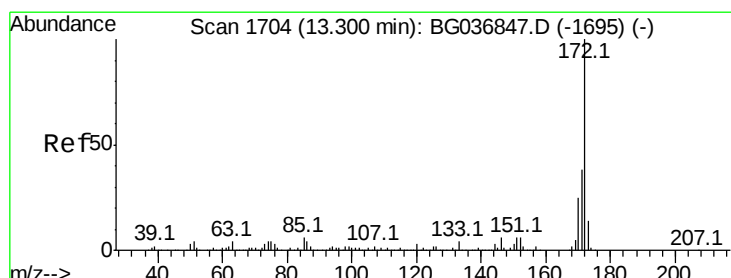
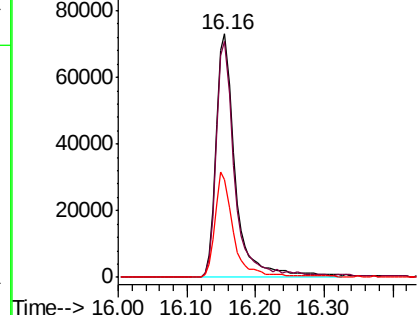
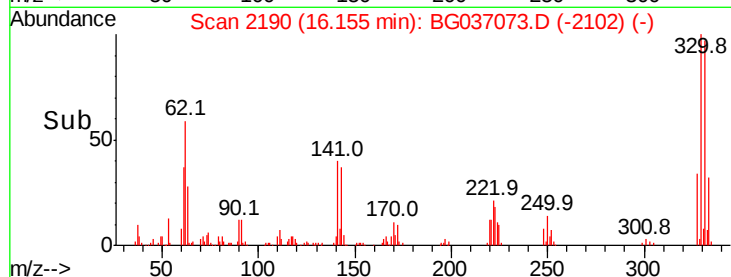
#41
 2,4,6-Tribromophenol
 Concen: 116.695 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG037073.D
 Acq: 29 Sep 2018 6:44

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-092718-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.0	75.4	113.2
141	40.6	30.7	46.1

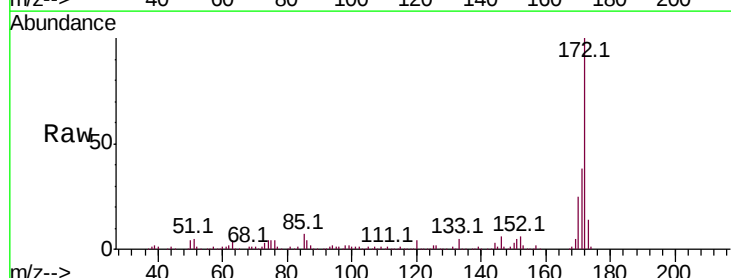


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

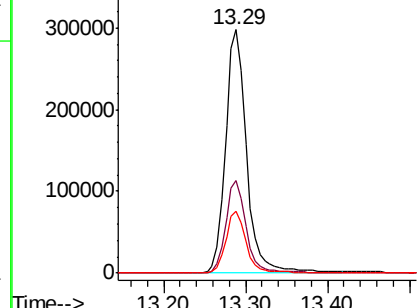
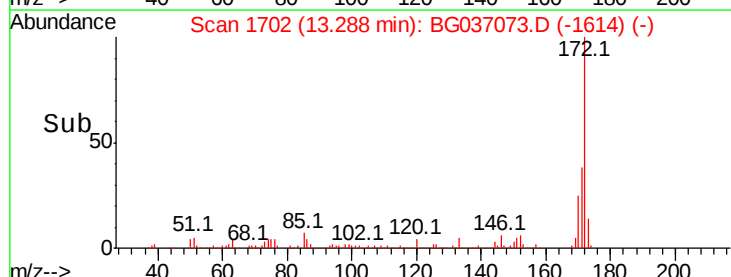


#44
 2-Fluorobiphenyl
 Concen: 78.160 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037073.D
 Acq: 29 Sep 2018 6:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.3	46.9
170	25.5	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

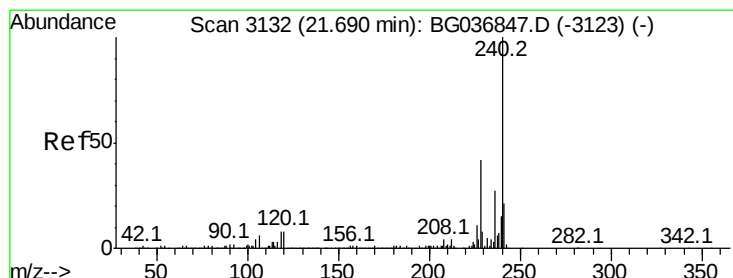
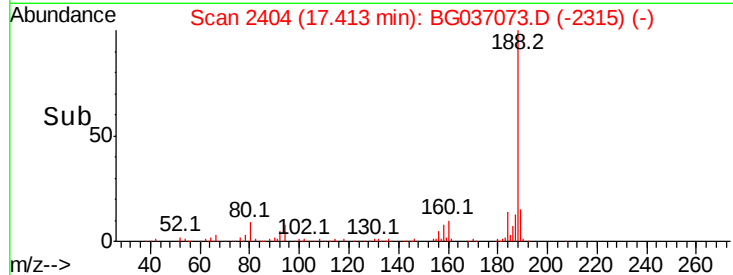
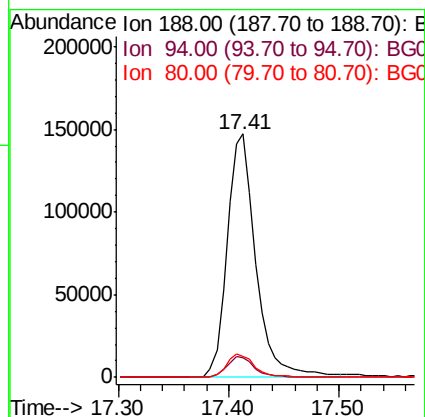
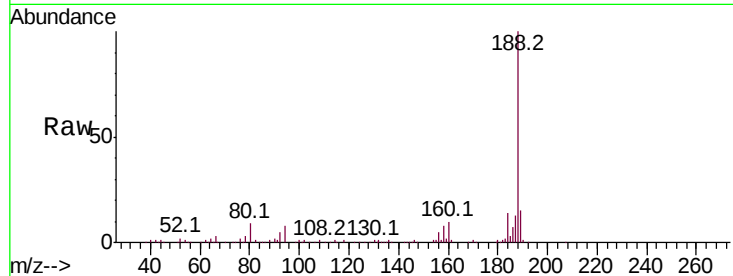




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG037073.D
Acq: 29 Sep 2018 6:44

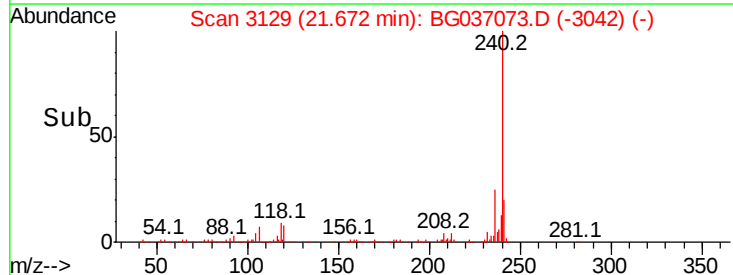
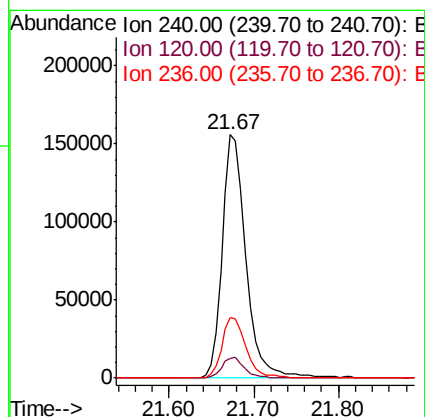
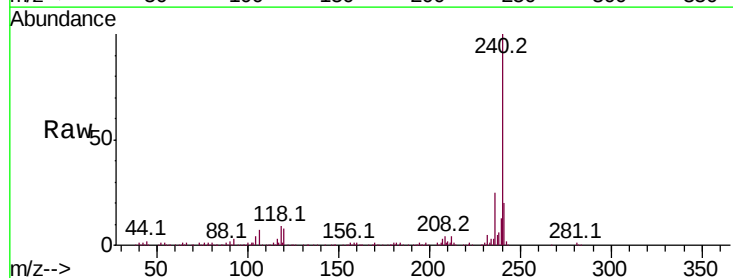
Instrument :
BNA_G
ClientSampleId :
PL-01-092718-A

Tot Ion:188 Resp: 267614
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 8.8 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG037073.D
Acq: 29 Sep 2018 6:44

Tgt Ion:240 Resp: 304029
Ion Ratio Lower Upper
240 100
120 7.9 6.9 10.3
236 25.0 21.2 31.8





#78

Terphenyl-d14

Concen: 90.949 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037073.D

Acq: 29 Sep 2018 6:44

Instrument :

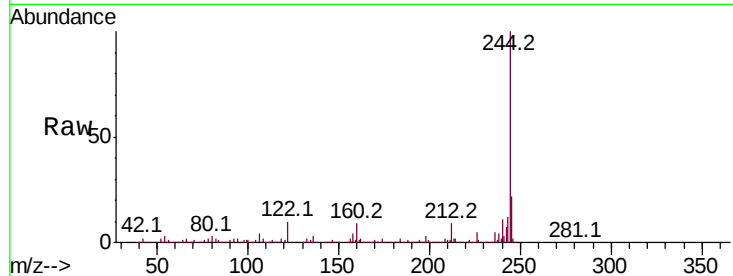
BNA_G

ClientSampleId :

PL-01-092718-A

Tot Ion:244 Resp: 1051579

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.6
122	9.6	7.1	10.7

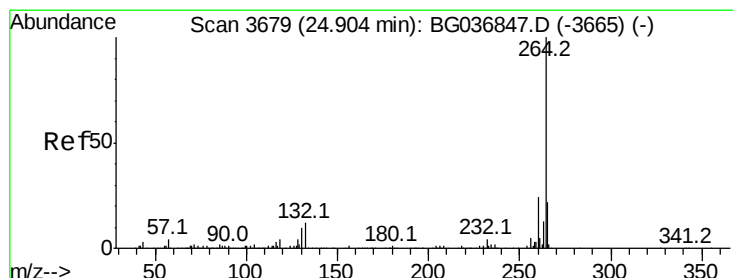
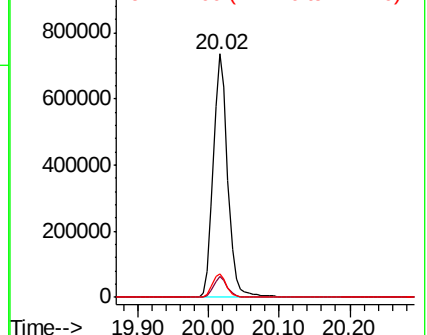
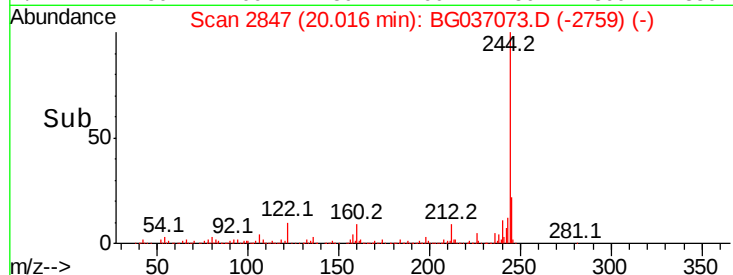


Abundance

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: 24.88 min Scan# 3675

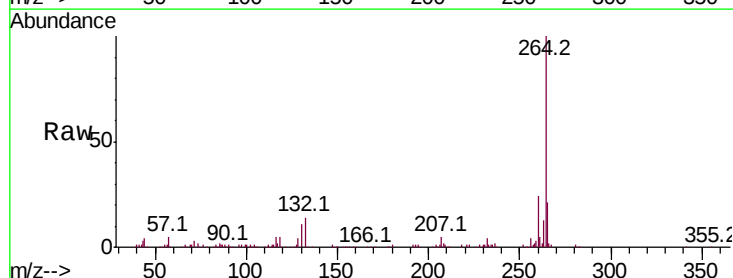
Delta R.T. -0.02 min

Lab File: BG037073.D

Acq: 29 Sep 2018 6:44

Tgt Ion:264 Resp: 293658

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	21.3	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

