

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092518\
 Data File : BG036972.D
 Acq On : 26 Sep 2018 6:36
 Operator : JU/SJ
 Sample : J5055-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-D

Quant Time: Sep 26 07:53:46 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	8.05	152	46650	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	187110	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	121089	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	314574	20.00	ng	0.00
75) Chrysene-d12	21.68	240	333856	20.00	ng	-0.01
86) Perylene-d12	24.88	264	329955	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	295578	121.51	ng	0.00
7) Phenol-d6	7.20	99	377594	100.33	ng	-0.01
23) Nitrobenzene-d5	9.20	82	309857	88.68	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	177120	122.26	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	648437	79.76	ng	0.00
78) Terphenyl-d14	20.02	244	1168834	92.06	ng	0.00

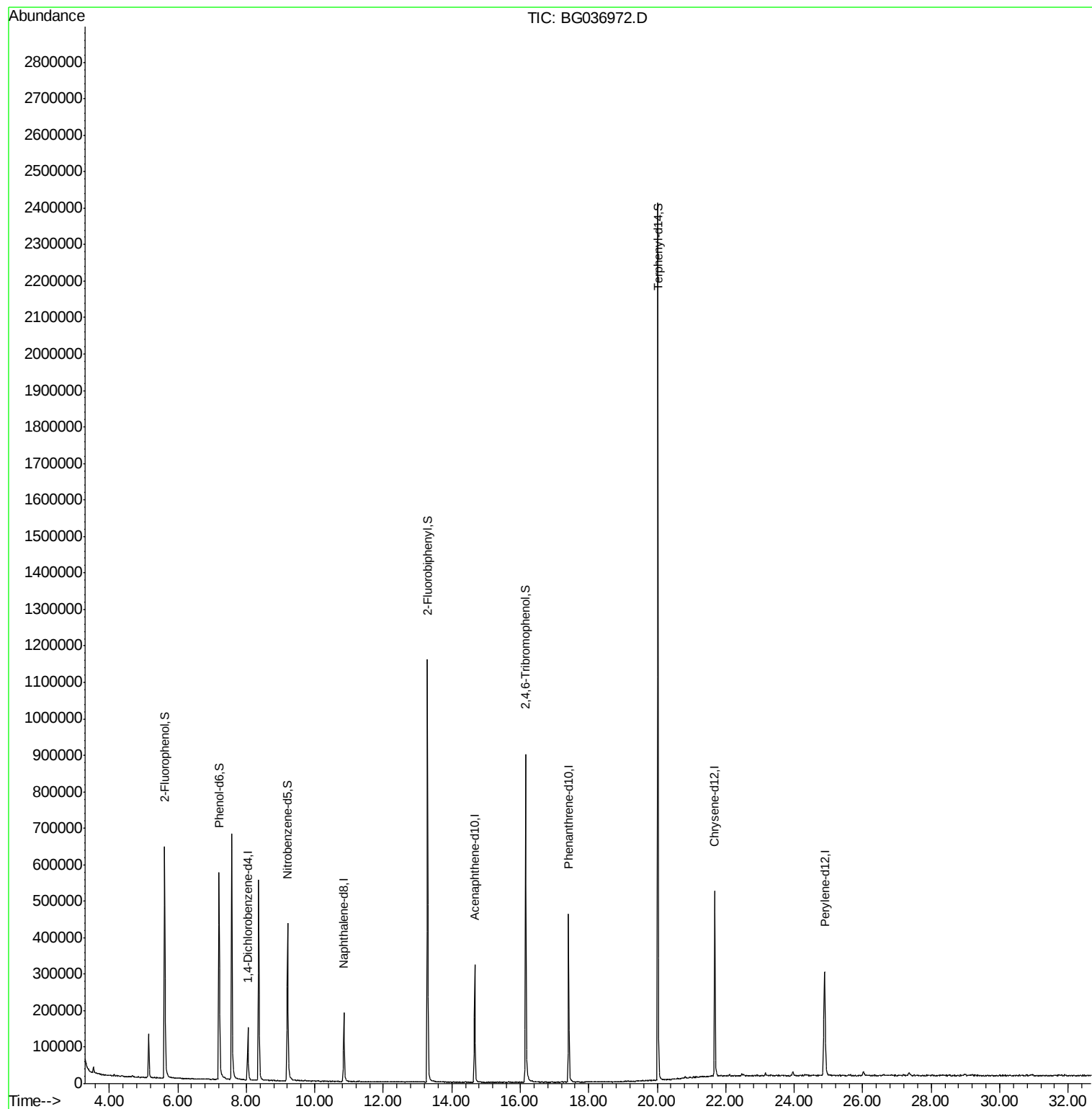
Target Compounds Qvalue

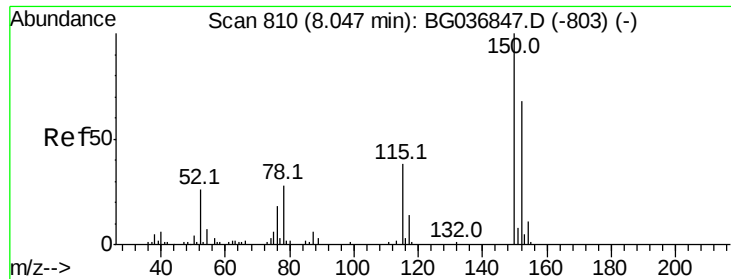
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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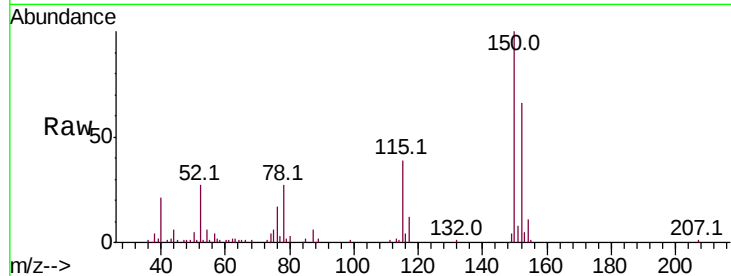


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.00 min
Lab File: BG036972.D
Acq: 26 Sep 2018 6:36

Instrument :
BNA_G
ClientSampleId :
TP-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.6	119.5	179.3
115	59.3	44.5	66.7

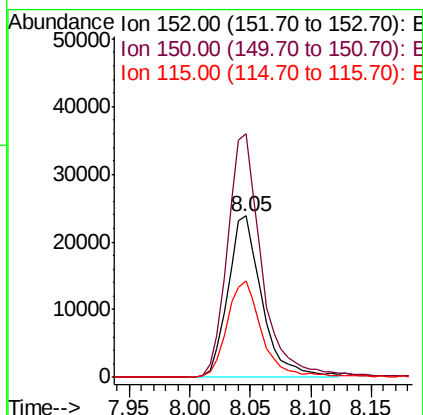
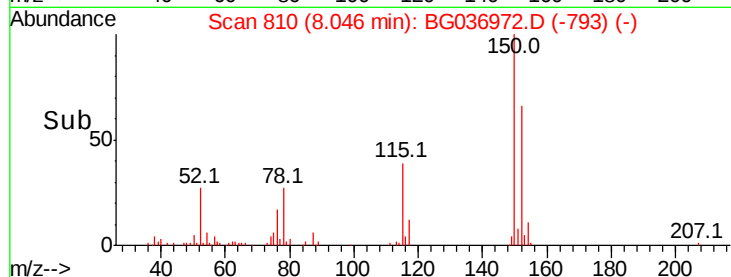


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

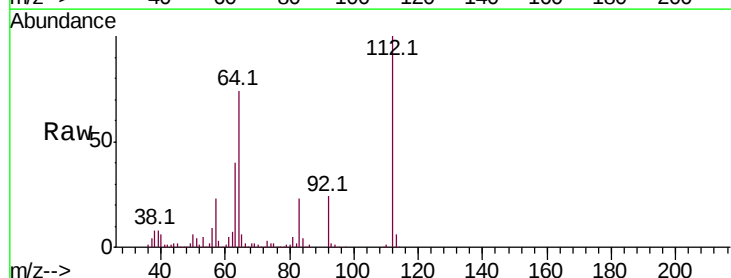
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 121.512 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036972.D
Acq: 26 Sep 2018 6:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.8	57.2	85.8
63	40.3	30.8	46.2

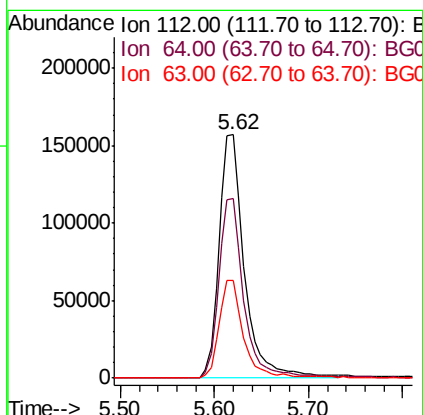
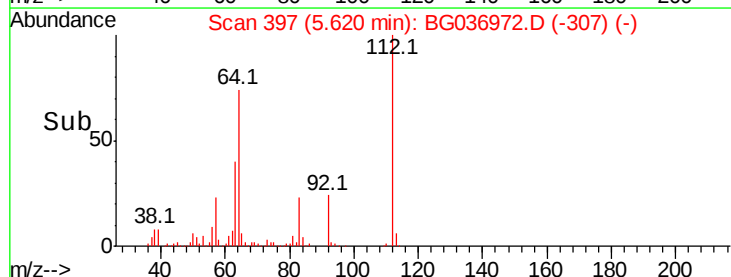


Abundance

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: 100.331 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036972.D

Acq: 26 Sep 2018 6:36

Instrument :

BNA_G

ClientSampled :

TP-D

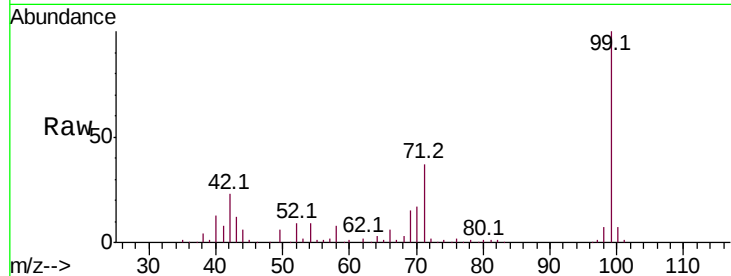
Tot Ion: 99 Resp: 377594

Ion Ratio Lower Upper

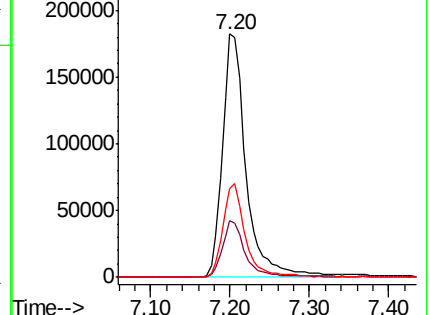
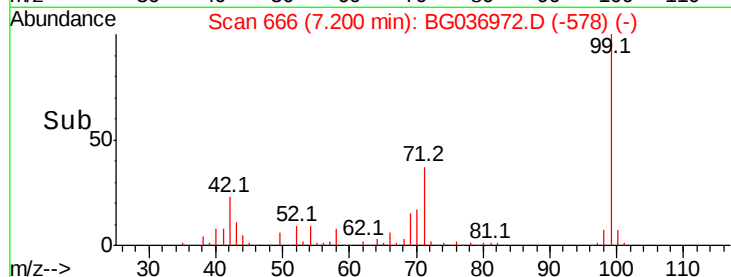
99 100

42 23.3 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: 10.84 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG036972.D

Acq: 26 Sep 2018 6:36

Tgt Ion: 136 Resp: 187110

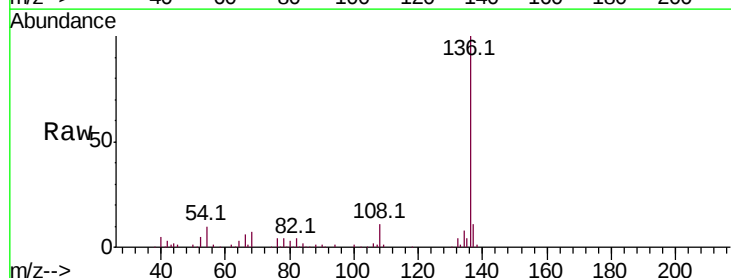
Ion Ratio Lower Upper

136 100

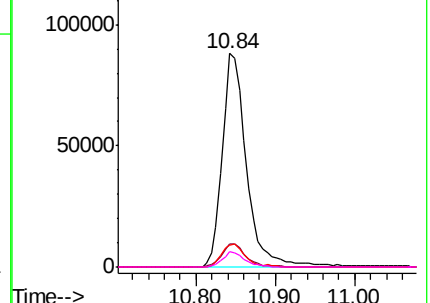
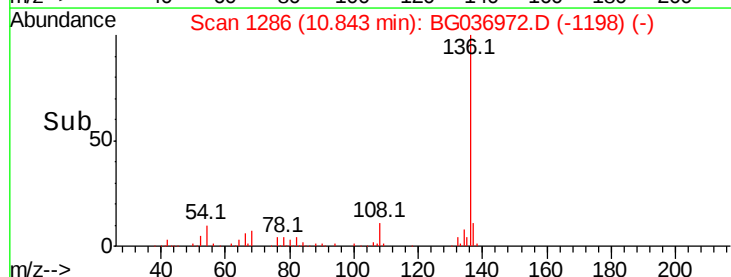
137 10.6 8.8 13.2

54 10.0 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: 88.681 ng

RT: 9.20 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BG036972.D

Acq: 26 Sep 2018 6:36

Instrument :

BNA_G

ClientSampleId :

TP-D

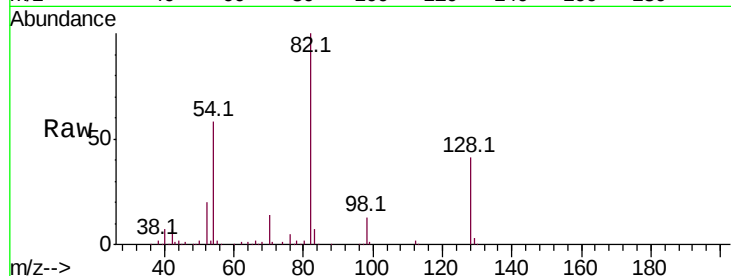
Tot Ion: 82 Resp: 309857

Ion Ratio Lower Upper

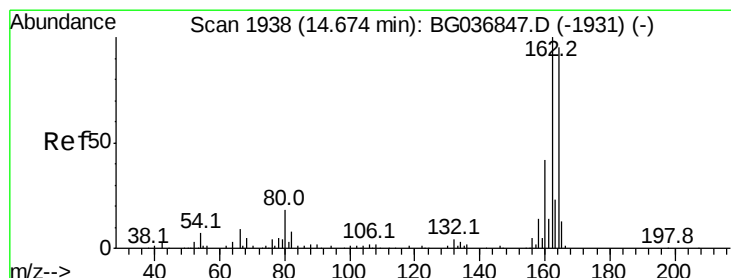
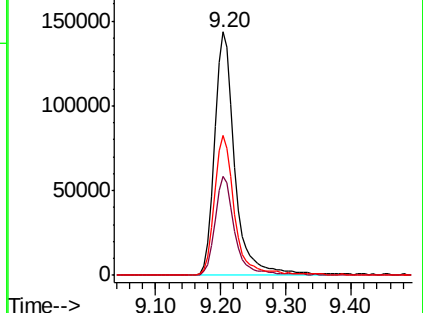
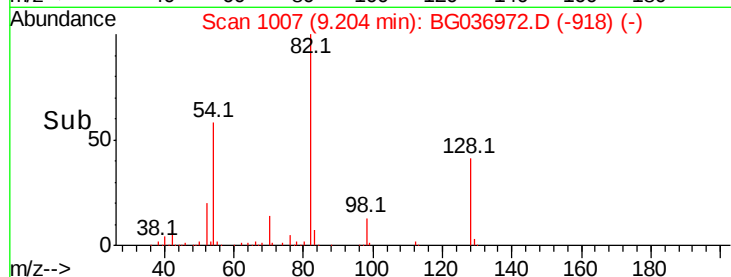
82 100

128 40.6 33.3 49.9

54 57.6 45.1 67.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG036972.D

Acq: 26 Sep 2018 6:36

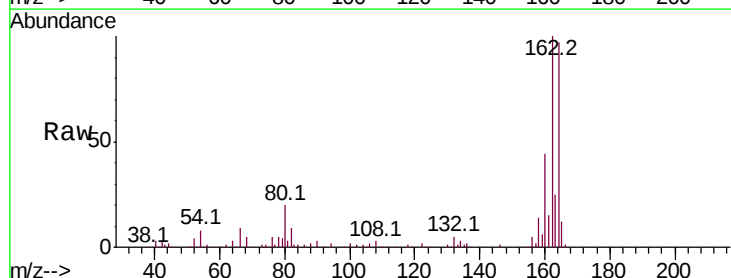
Tgt Ion: 164 Resp: 121089

Ion Ratio Lower Upper

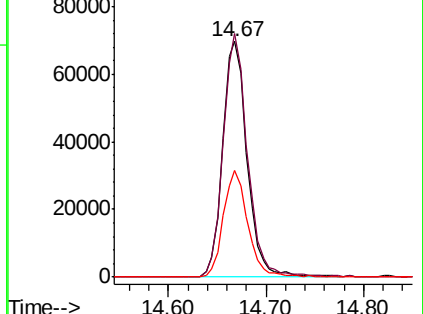
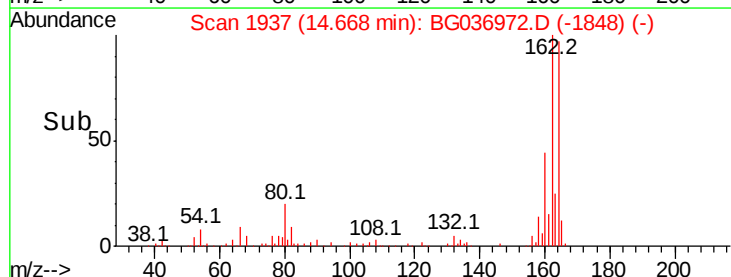
164 100

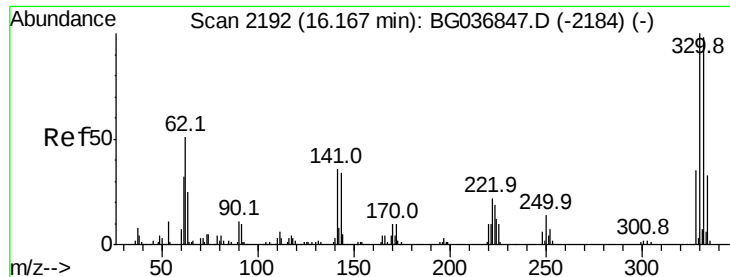
162 103.4 80.7 121.1

160 45.2 35.3 52.9



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

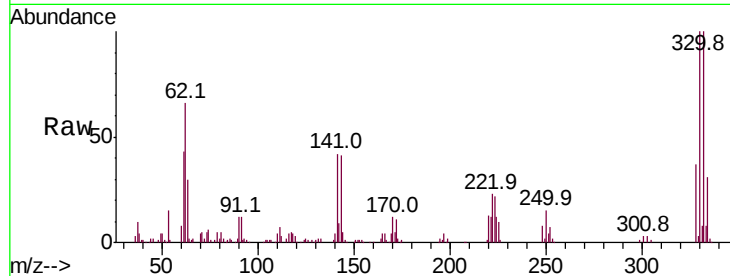




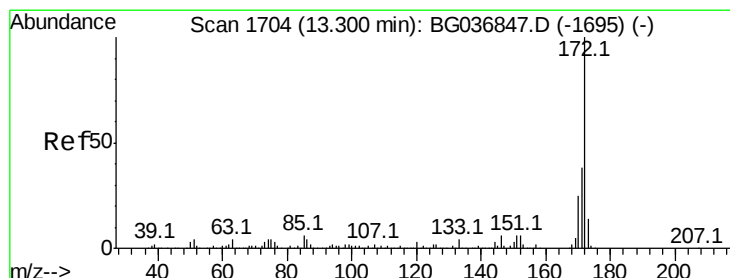
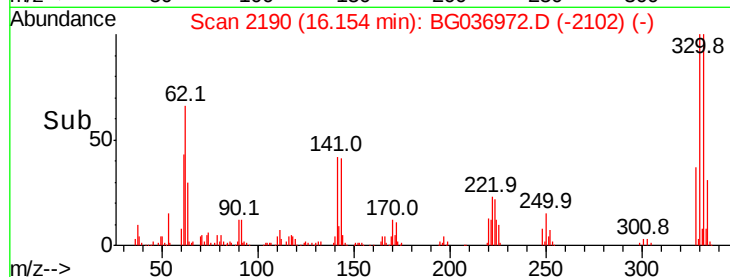
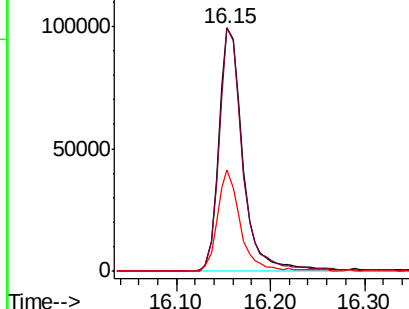
#41
 2,4,6-Tribromophenol
 Concen: 122.257 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG036972.D
 Acq: 26 Sep 2018 6:36

Instrument :
 BNA_G
 ClientSampled :
 TP-D

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	75.4	113.2
141	39.7	30.7	46.1

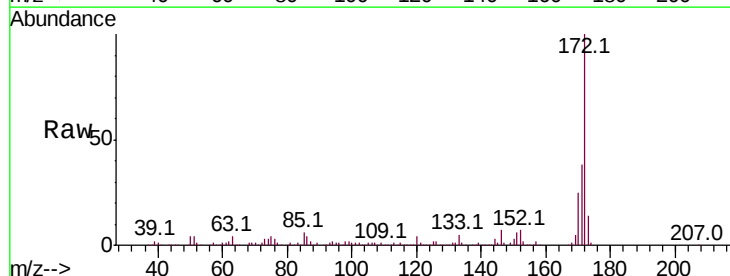


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

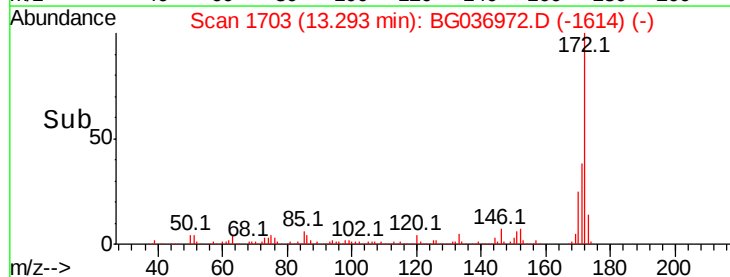
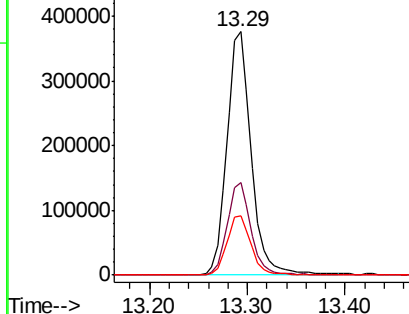


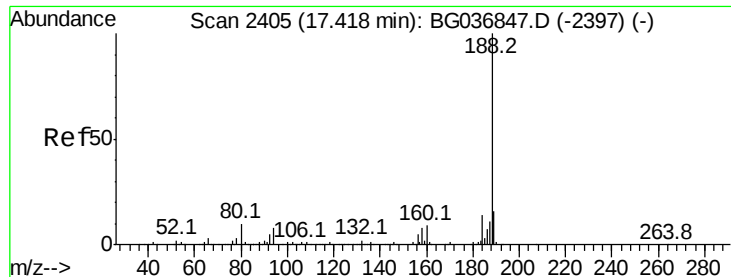
#44
 2-Fluorobiphenyl
 Concen: 79.757 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036972.D
 Acq: 26 Sep 2018 6:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.3	46.9
170	24.6	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

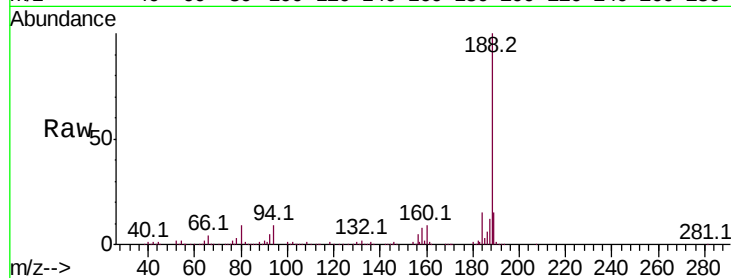




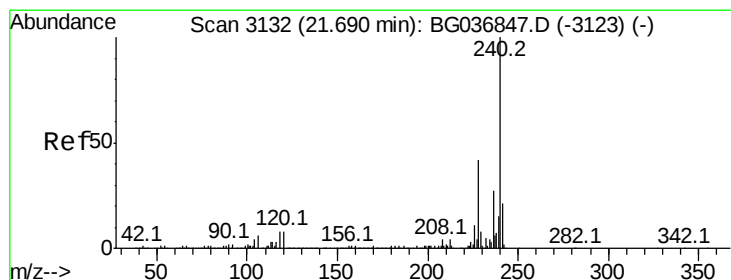
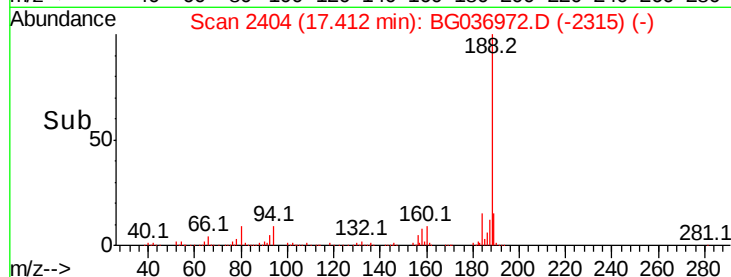
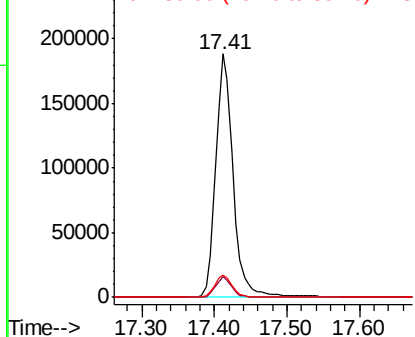
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG036972.D
Acq: 26 Sep 2018 6:36

Instrument :
BNA_G
ClientSampleId :
TP-D

Tot Ion:188 Resp: 314574
Ion Ratio Lower Upper
188 100
94 8.5 6.7 10.1
80 9.1 8.1 12.1

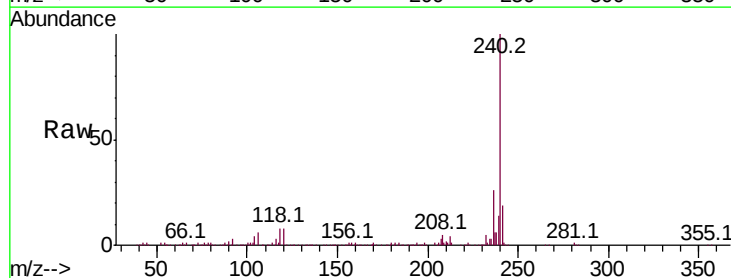


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

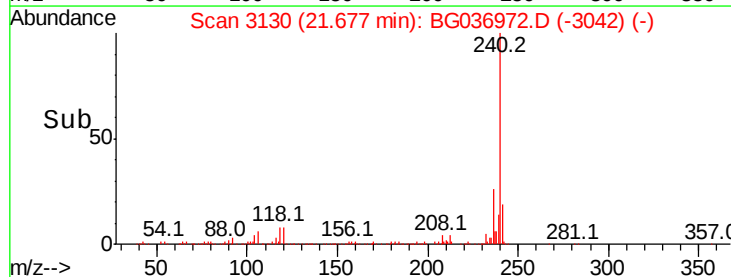
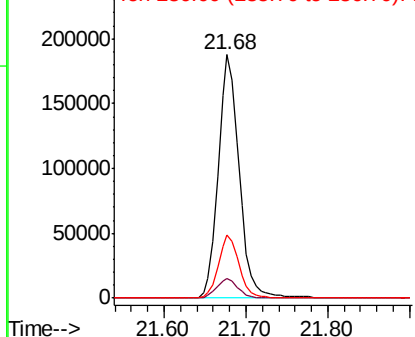


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036972.D
Acq: 26 Sep 2018 6:36

Tgt Ion:240 Resp: 333856
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



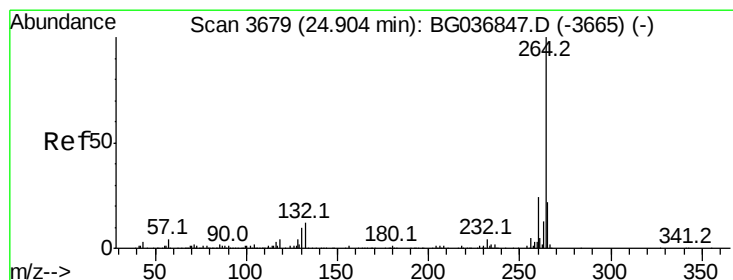
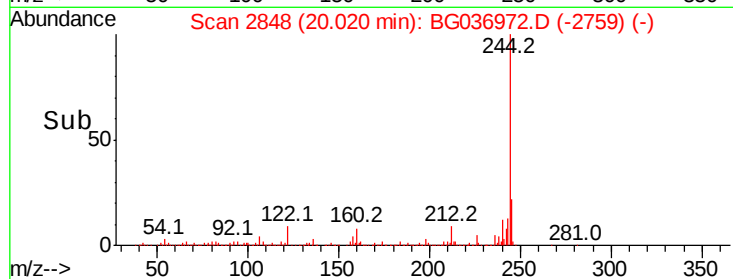
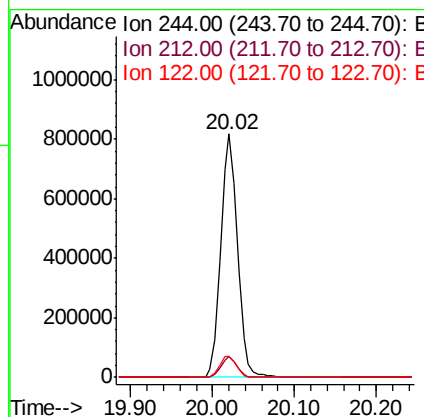
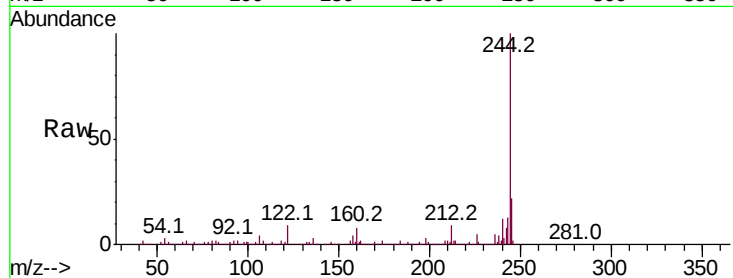


#78
 Terphenyl-d14
 Concen: 92.059 ng
 RT: 20.02 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BG036972.D
 Acq: 26 Sep 2018 6:36

Instrument :
 BNA_G
 ClientSampled :
 TP-D

Tot Ion:244 Resp: 1168834

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	8.7	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: BG036972.D
 Acq: 26 Sep 2018 6:36

Tgt Ion:264 Resp: 329955

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.6	29.4
265	21.1	17.4	26.0

