

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100418\
 Data File : BG037149.D
 Acq On : 4 Oct 2018 6:53
 Operator : JU/SJ
 Sample : PB113450TB
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113450TB

Quant Time: Oct 04 09:22:42 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	48381	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	194014	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	117319	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	286135	20.00	ng	-0.01
75) Chrysene-d12	21.67	240	300740	20.00	ng	-0.02
86) Perylene-d12	24.87	264	287413	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	385816	152.93	ng	0.00
7) Phenol-d6	7.20	99	505651	129.55	ng	-0.01
23) Nitrobenzene-d5	9.20	82	340378	93.95	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	141476	100.79	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	726414	92.22	ng	-0.02
78) Terphenyl-d14	20.02	244	1146880	100.28	ng	-0.01

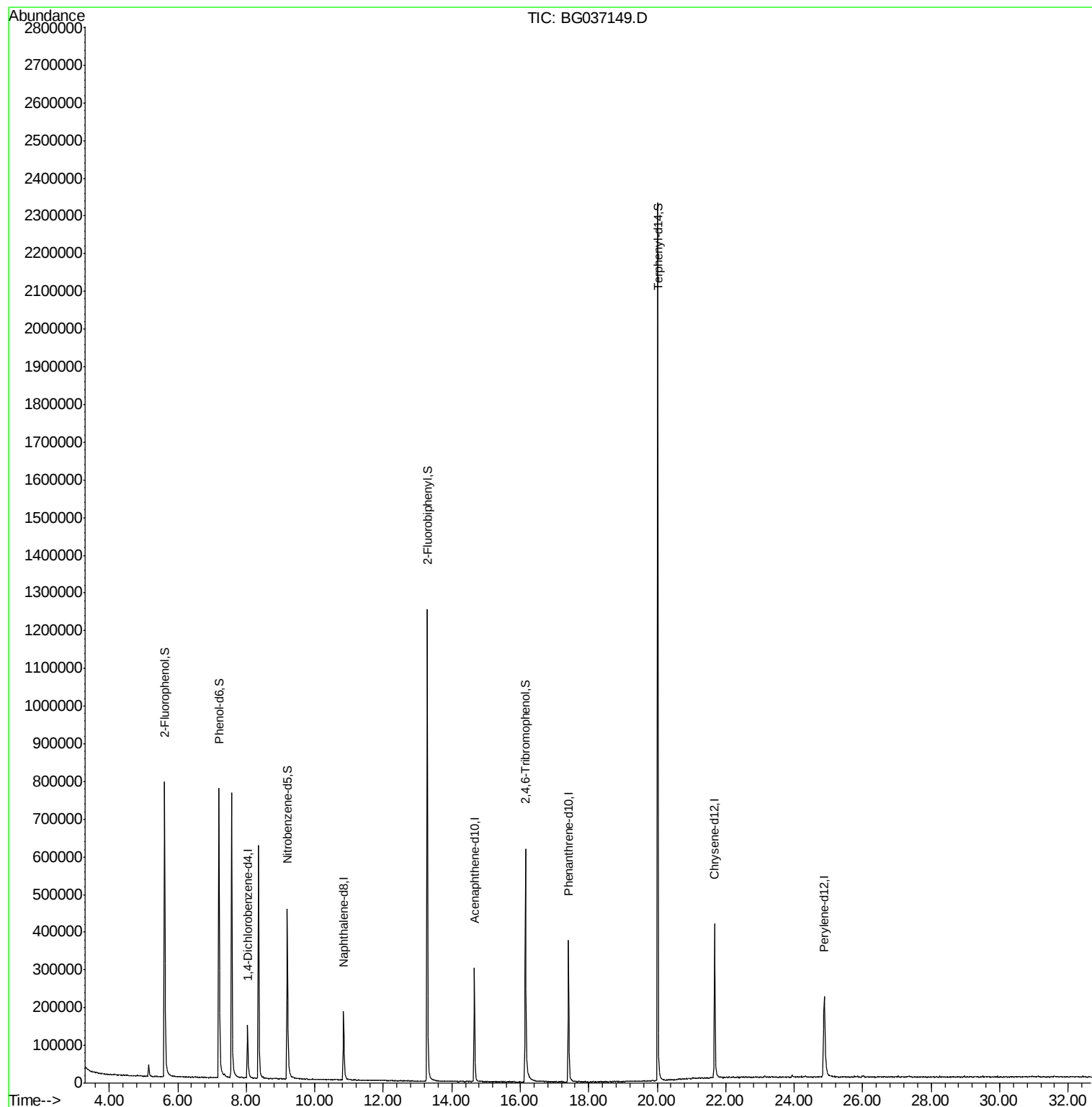
Target Compounds Qvalue

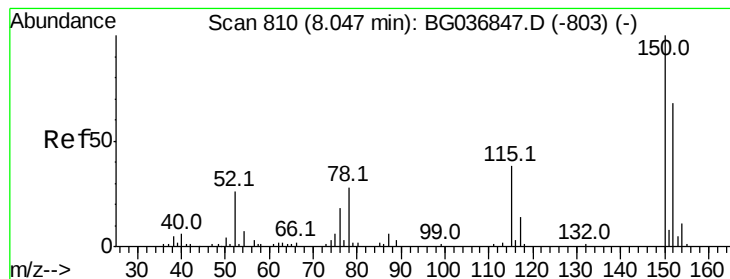
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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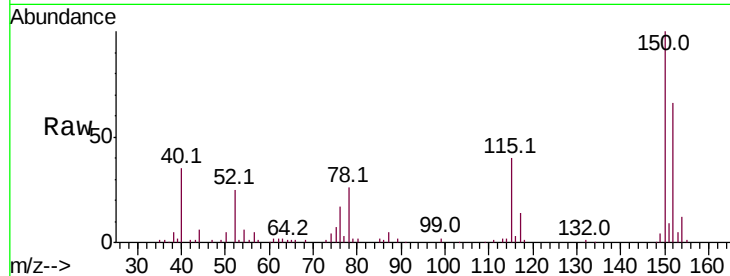


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BG037149.D
 Acq: 4 Oct 2018 6:53

Instrument :
 BNA_G
 ClientSampleId :
 PB113450TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.9	119.5	179.3
115	61.1	44.5	66.7

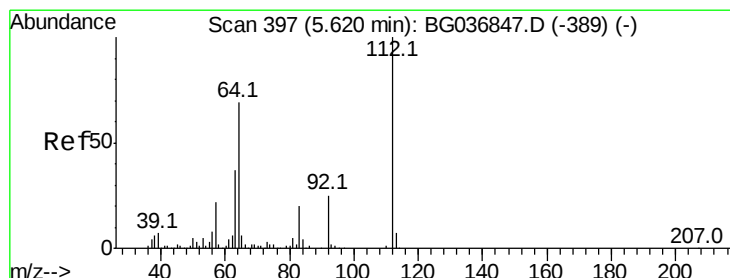
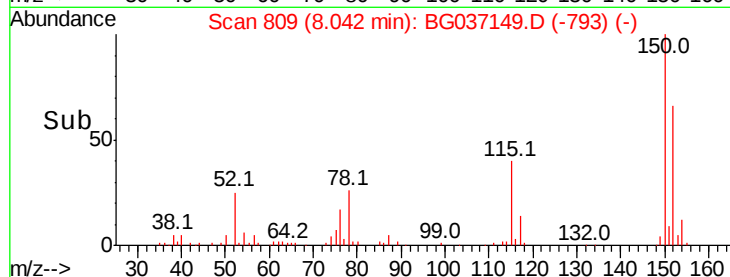
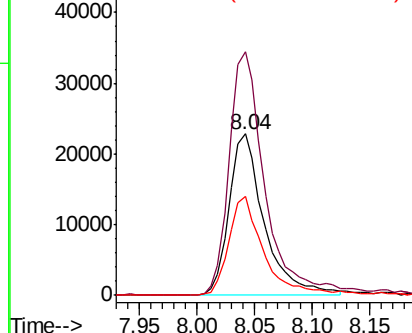


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

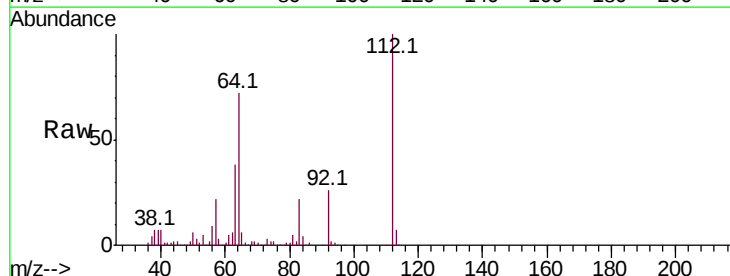
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 152.934 ng
 RT: 5.61 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BG037149.D
 Acq: 4 Oct 2018 6:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.1	57.2	85.8
63	37.5	30.8	46.2

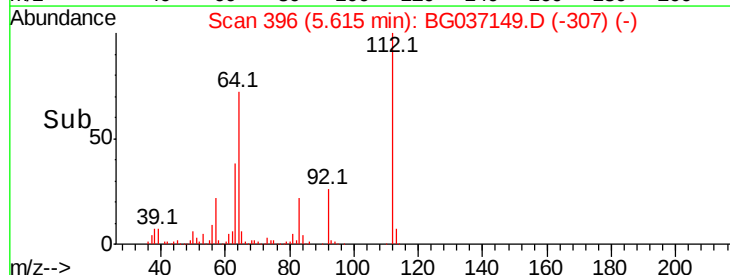
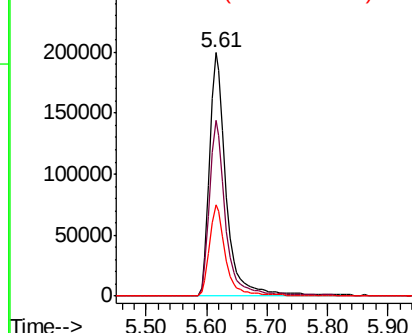


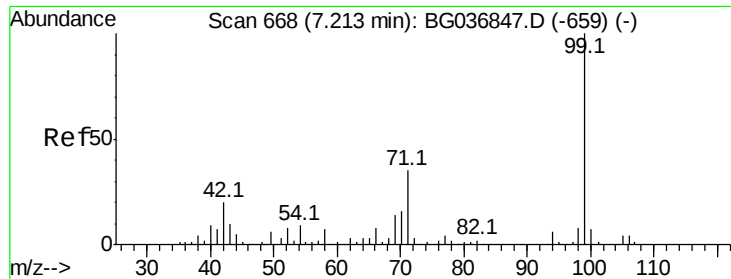
Abundance

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: 129.550 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037149.D

Acq: 4 Oct 2018 6:53

Instrument :

BNA_G

ClientSampleId :

PB113450TB

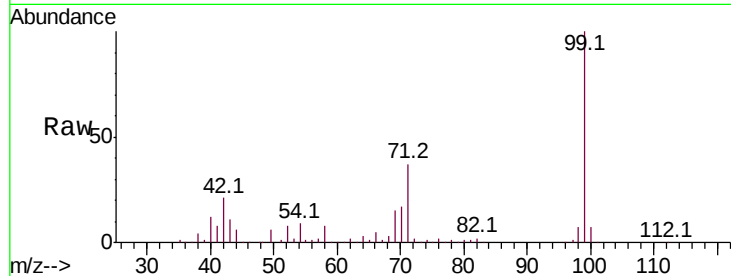
Tot Ion: 99 Resp: 505651

Ion Ratio Lower Upper

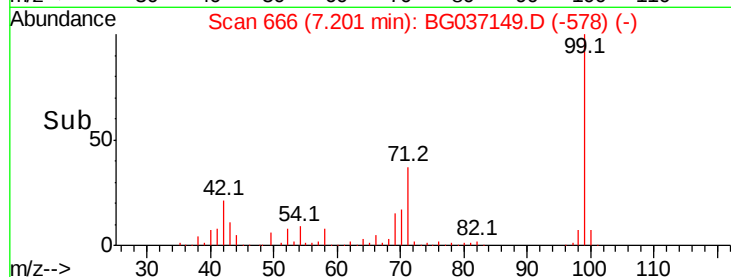
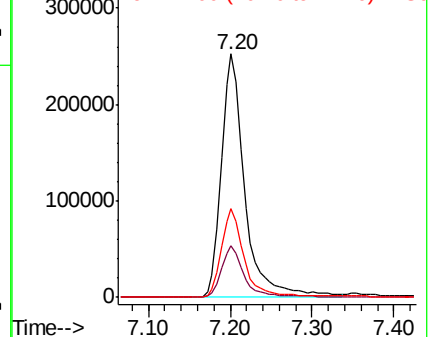
99 100

42 21.2 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# 1285

Delta R.T. -0.02 min

Lab File: BG037149.D

Acq: 4 Oct 2018 6:53

Tgt Ion: 136 Resp: 194014

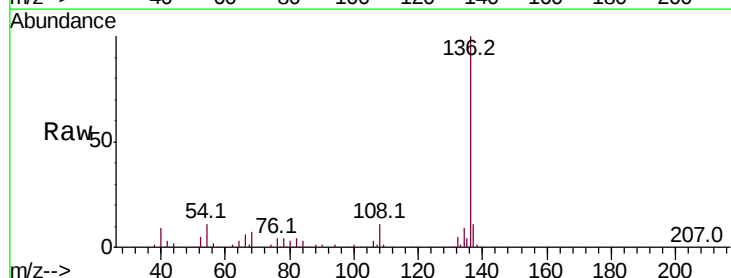
Ion Ratio Lower Upper

136 100

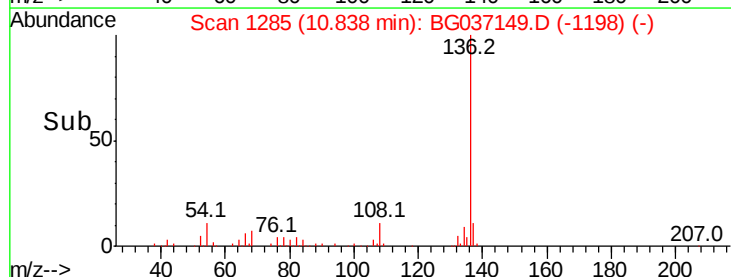
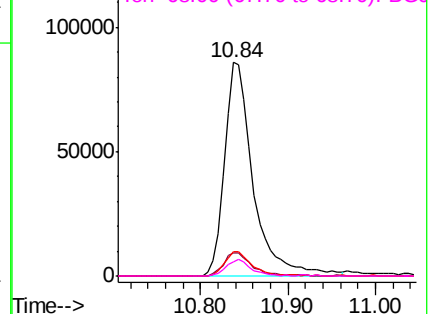
137 10.9 8.8 13.2

54 11.1 9.2 13.8

68 6.9 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

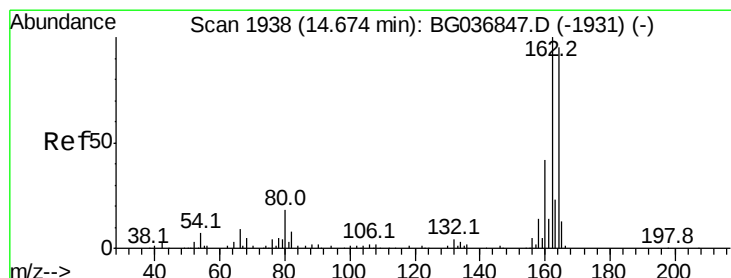
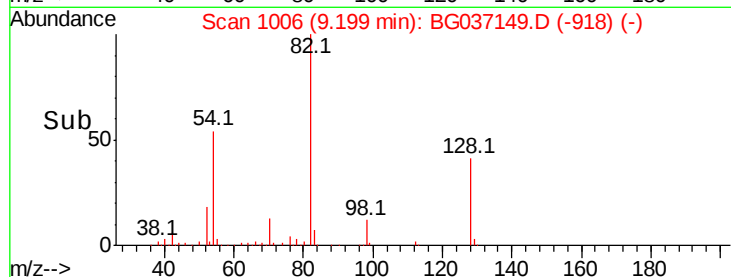
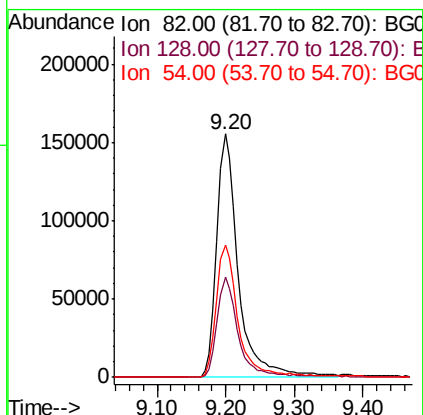
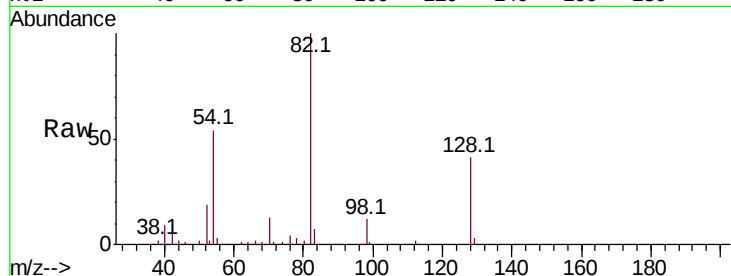




#23
Nitrobenzene-d5
Concen: 93.950 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037149.D
Acq: 4 Oct 2018 6:53

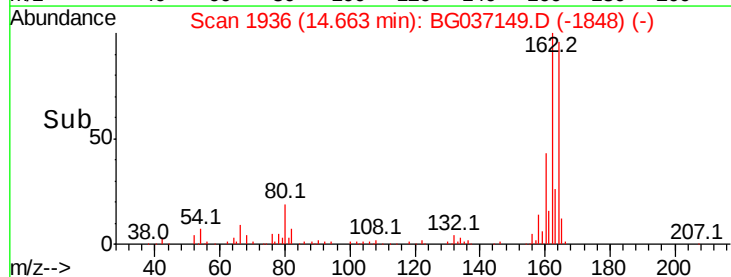
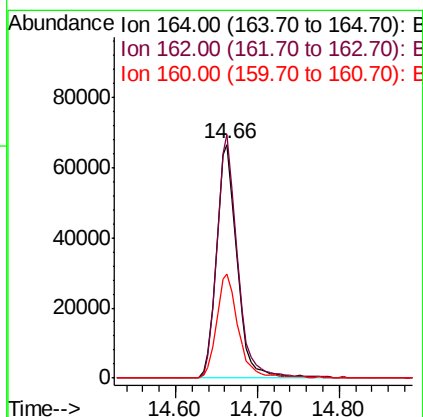
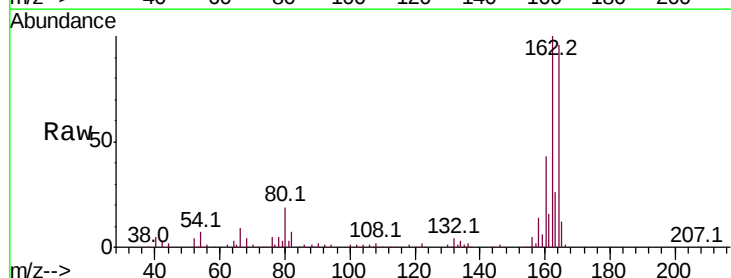
Instrument :
BNA_G
ClientSampleId :
PB113450TB

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.9	33.3	49.9
54	54.4	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: BG037149.D
Acq: 4 Oct 2018 6:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	80.7	121.1
160	44.8	35.3	52.9

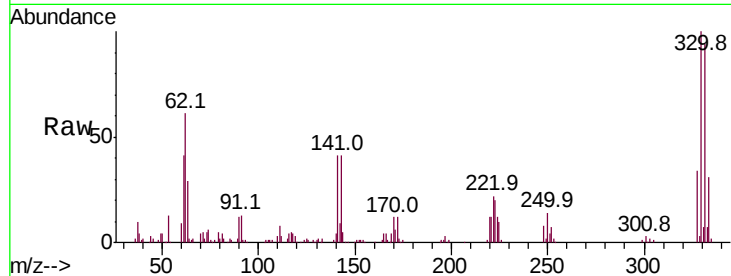




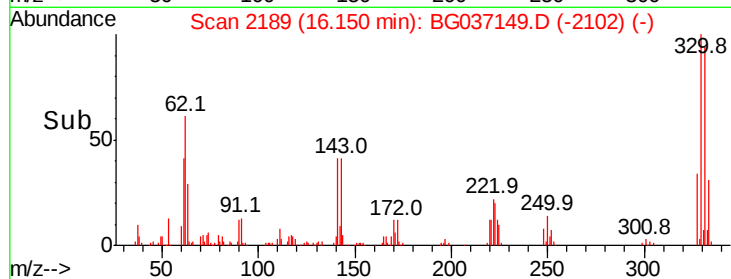
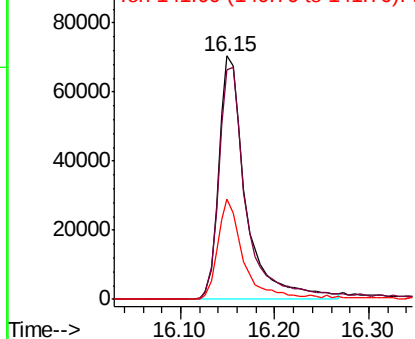
#41
 2,4,6-Tribromophenol
 Concen: 100.792 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.02 min
 Lab File: BG037149.D
 Acq: 4 Oct 2018 6:53

Instrument :
 BNA_G
 ClientSampleId :
 PB113450TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	75.4	113.2
141	39.1	30.7	46.1

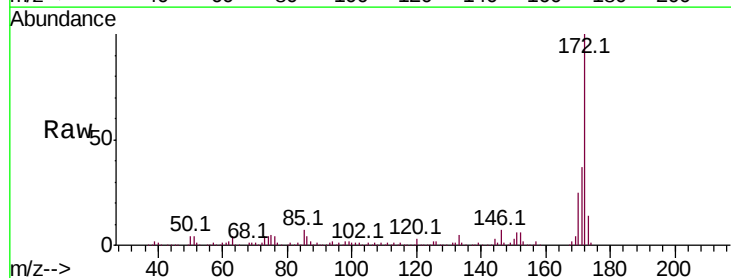


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

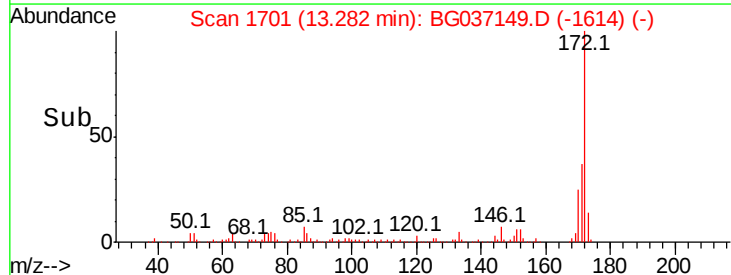
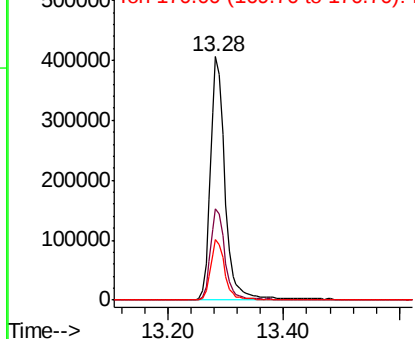


#44
 2-Fluorobiphenyl
 Concen: 92.220 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG037149.D
 Acq: 4 Oct 2018 6:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	31.3	46.9
170	24.7	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

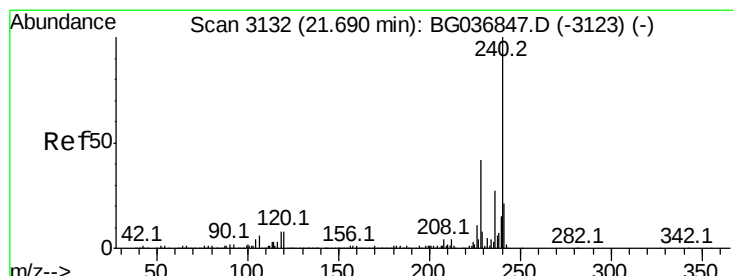
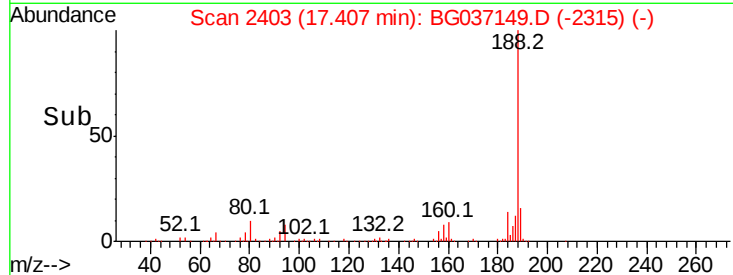
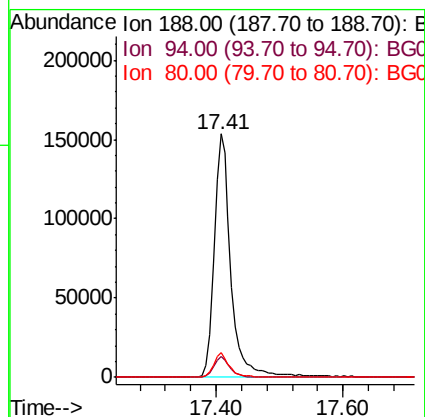
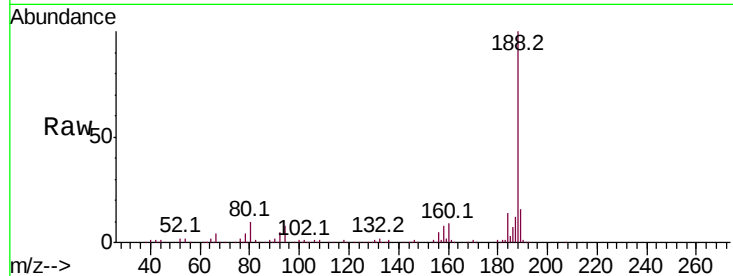




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG037149.D
Acq: 4 Oct 2018 6:53

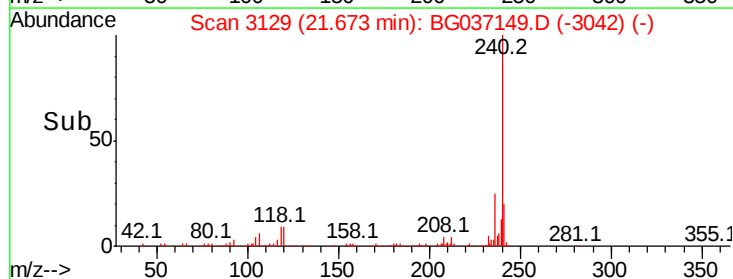
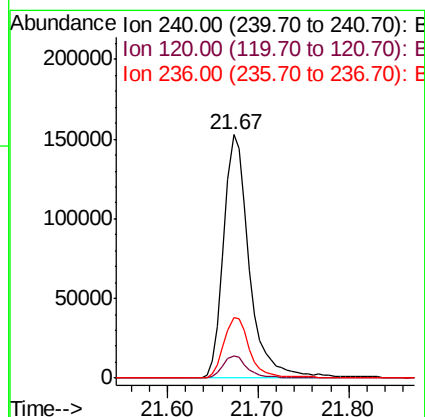
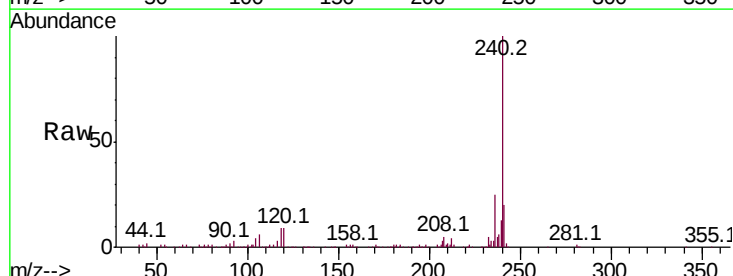
Instrument :
BNA_G
ClientSampleId :
PB113450TB

Tot Ion:188 Resp: 286135
Ion Ratio Lower Upper
188 100
94 8.5 6.7 10.1
80 10.1 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: BG037149.D
Acq: 4 Oct 2018 6:53

Tgt Ion:240 Resp: 300740
Ion Ratio Lower Upper
240 100
120 9.0 6.9 10.3
236 24.8 21.2 31.8



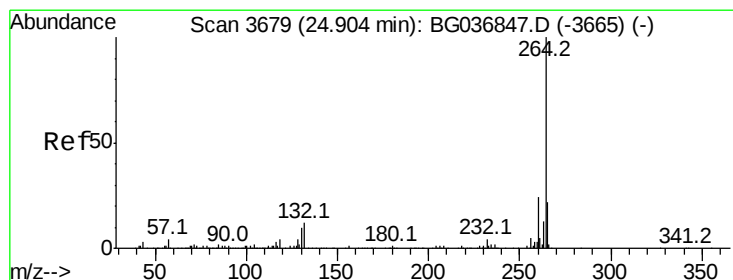
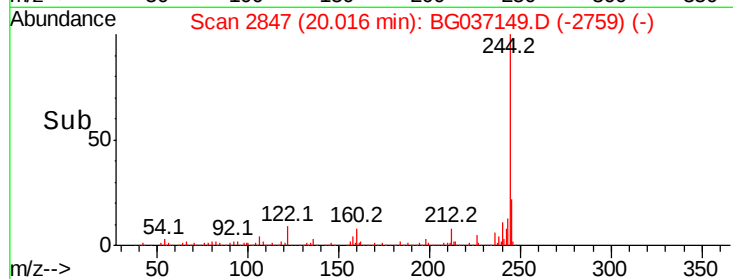
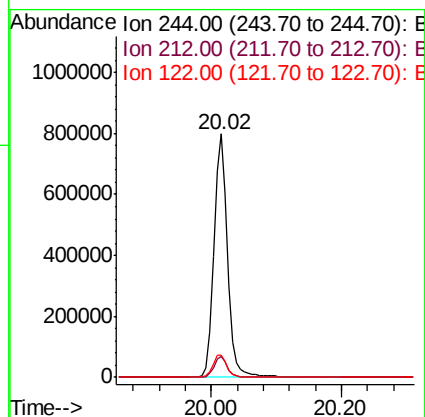
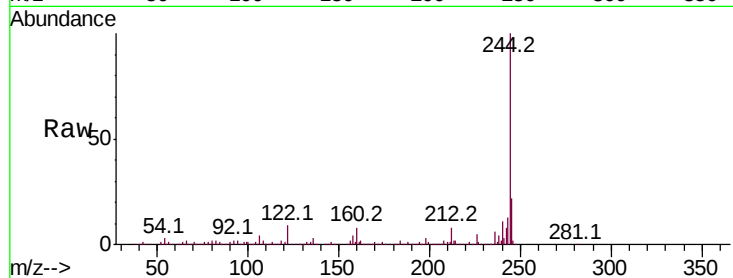


#78
 Terphenyl-d14
 Concen: 100.276 ng
 RT: 20.02 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BG037149.D
 Acq: 4 Oct 2018 6:53

Instrument :
 BNA_G
 ClientSampleId :
 PB113450TB

Tot Ion:244 Resp: 1146880

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.6
122	9.3	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.87 min Scan# 3674
 Delta R.T. -0.03 min
 Lab File: BG037149.D
 Acq: 4 Oct 2018 6:53

Tgt Ion:264 Resp: 287413

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.6	29.4
265	22.5	17.4	26.0

