

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092518\
 Data File : BG036963.D
 Acq On : 26 Sep 2018 00:08
 Operator : JU/SJ
 Sample : PB113203TB
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113203TB

Quant Time: Sep 26 02:18:47 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	47461	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	190252	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	123199	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	328459	20.00	ng	0.00
75) Chrysene-d12	21.68	240	350544	20.00	ng	0.00
86) Perylene-d12	24.88	264	338410	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	358006	144.66	ng	0.00
7) Phenol-d6	7.20	99	492272	128.57	ng	0.00
23) Nitrobenzene-d5	9.20	82	322462	90.76	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	207619	140.85	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	706598	85.42	ng	0.00
78) Terphenyl-d14	20.02	244	1262179	94.68	ng	0.00

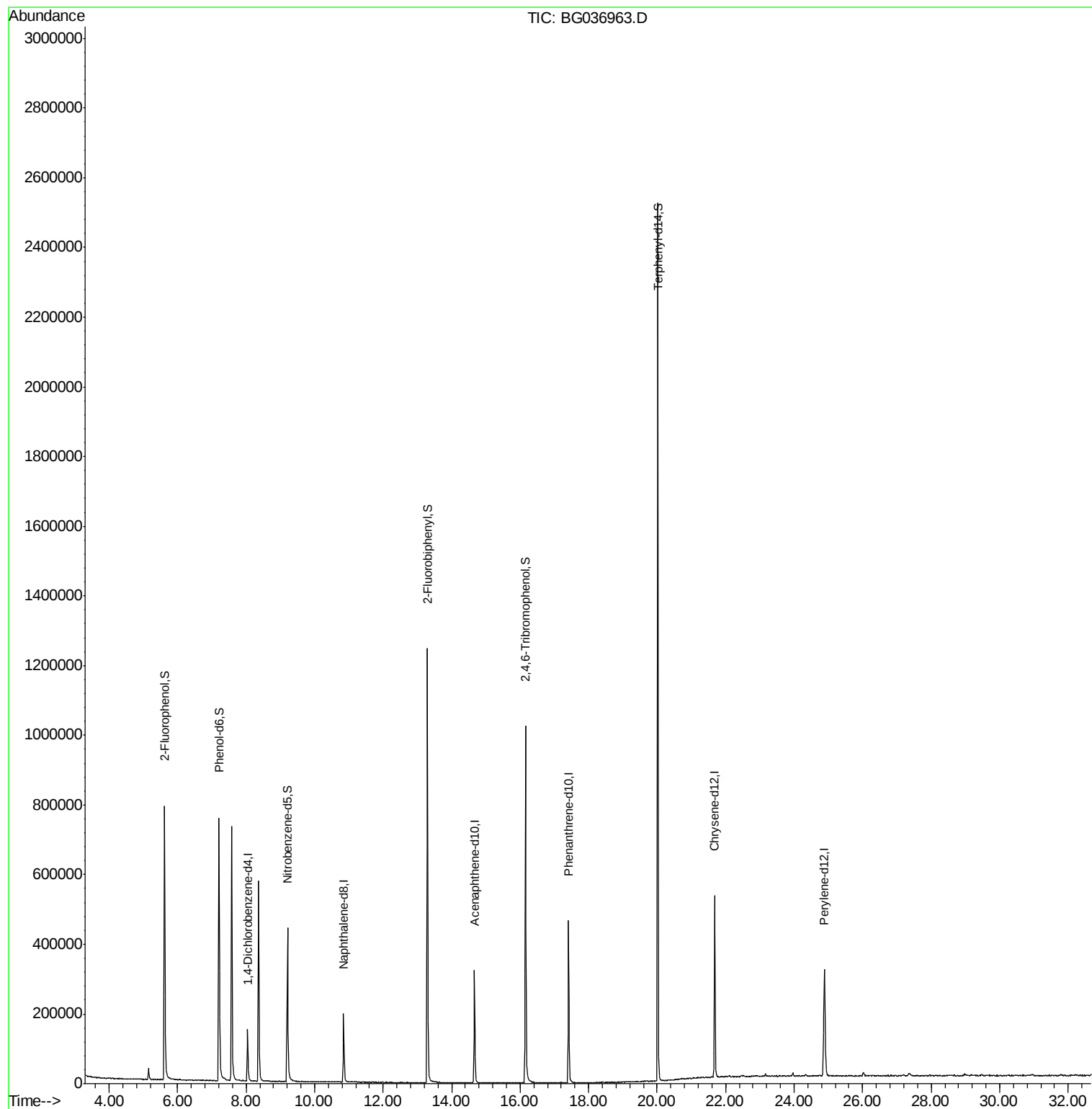
Target Compounds Qvalue

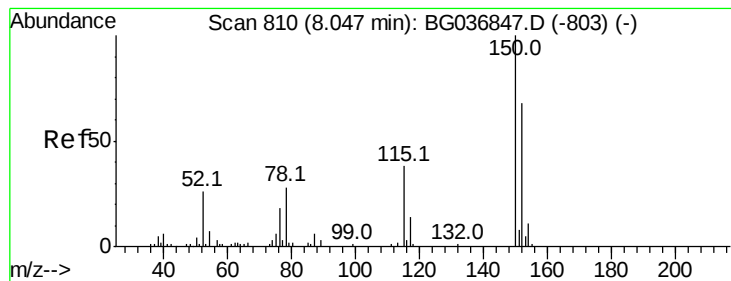
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG036963.D

Acq: 26 Sep 2018 00:08

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BNA_G

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PB113203TB

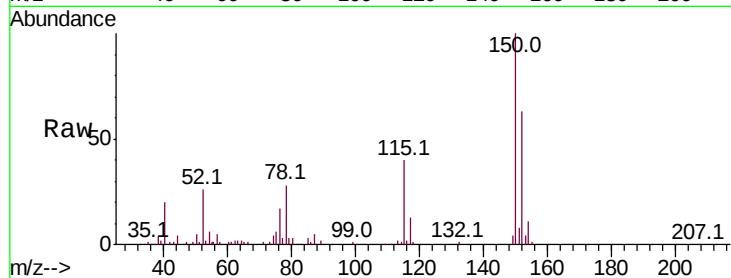
Tot Ion:152 Resp: 47461

Ion Ratio Lower Upper

152 100

150 158.4 119.5 179.3

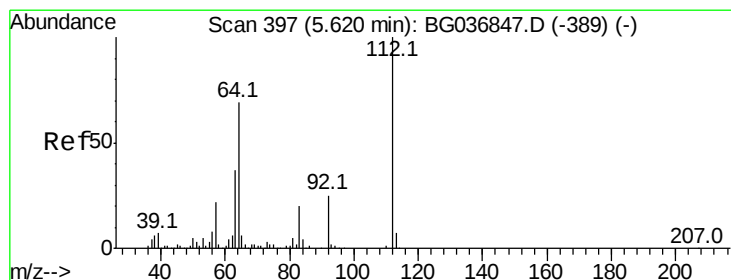
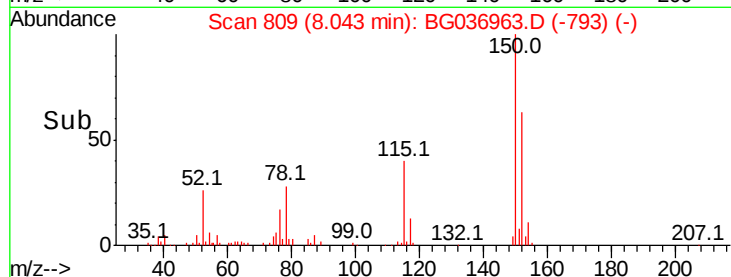
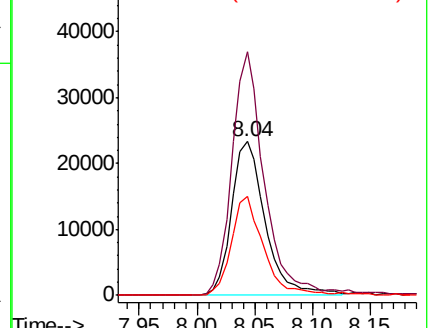
115 64.1 44.5 66.7



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: 144.661 ng

RT: 5.62 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG036963.D

Acq: 26 Sep 2018 00:08

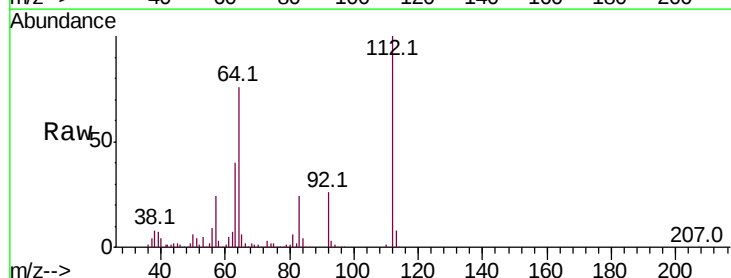
Tgt Ion:112 Resp: 358006

Ion Ratio Lower Upper

112 100

64 75.6 57.2 85.8

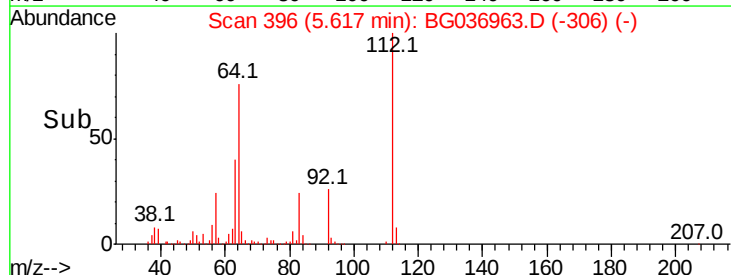
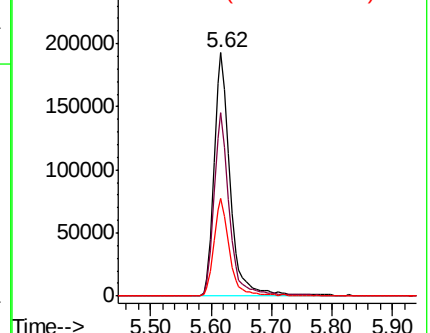
63 40.3 30.8 46.2



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: 128.567 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036963.D

Acq: 26 Sep 2018 00:08

Instrument :

BNA_G

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PB113203TB

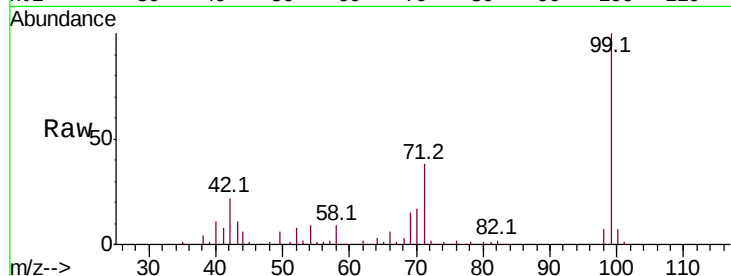
Tot Ion: 99 Resp: 492272

Ion Ratio Lower Upper

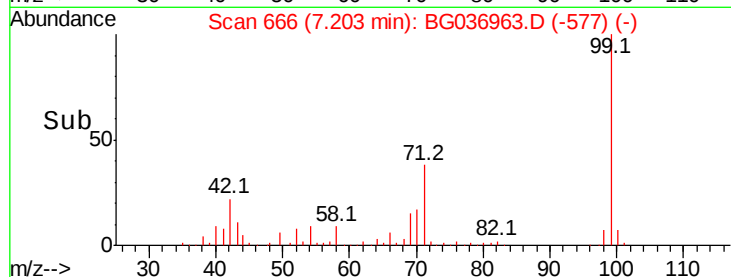
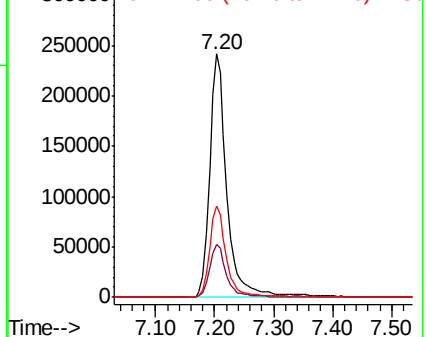
99 100

42 21.8 16.5 24.7

71 37.7 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: 10.85 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG036963.D

Acq: 26 Sep 2018 00:08

Tgt Ion: 136 Resp: 190252

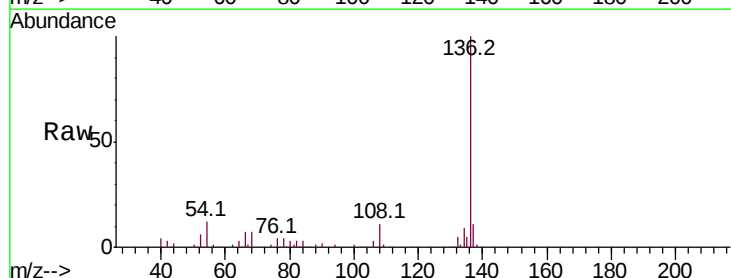
Ion Ratio Lower Upper

136 100

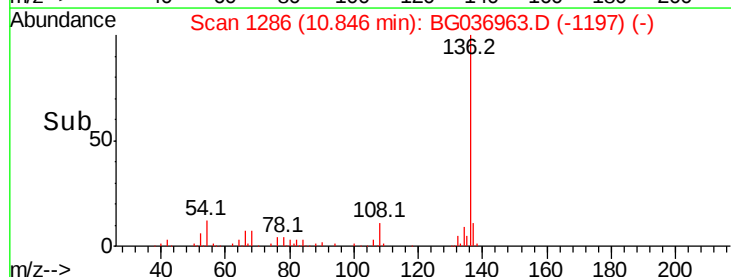
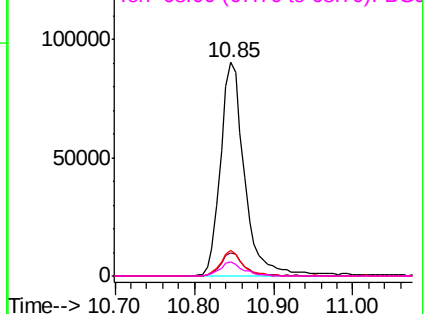
137 10.7 8.8 13.2

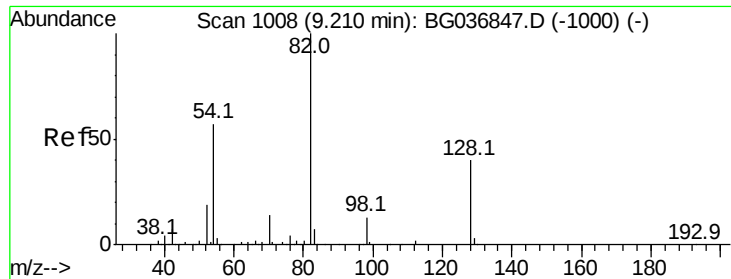
54 11.9 9.2 13.8

68 6.6 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

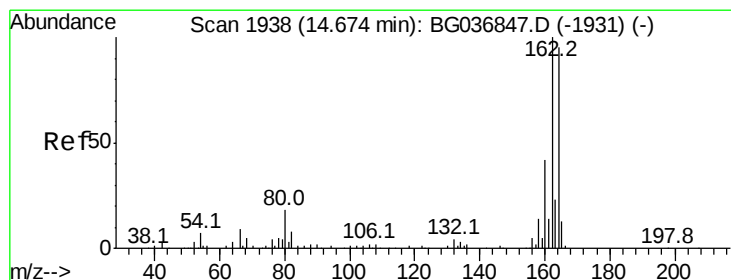
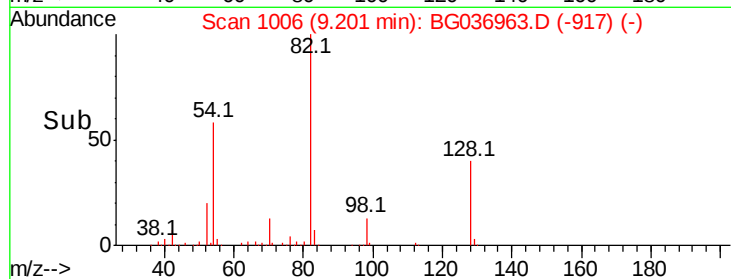
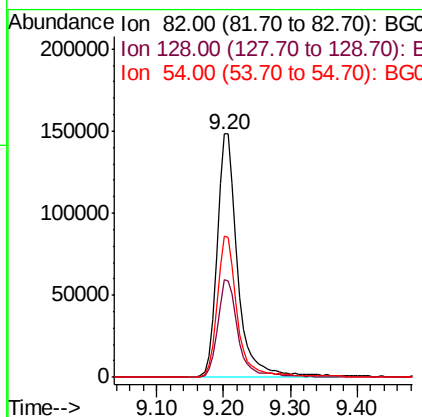
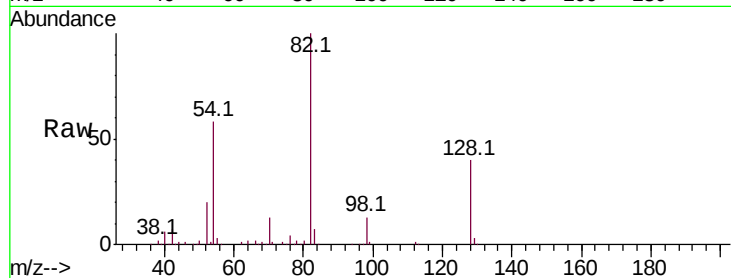




#23
Nitrobenzene-d5
Concen: 90.765 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG036963.D
Acq: 26 Sep 2018 00:08

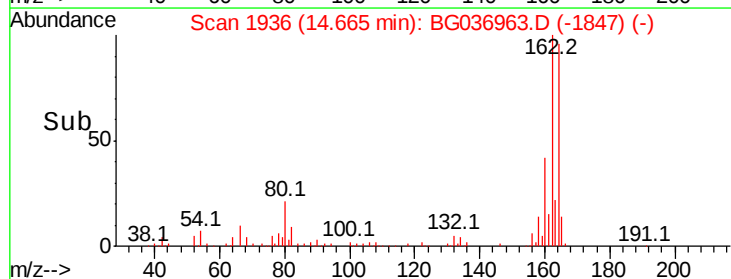
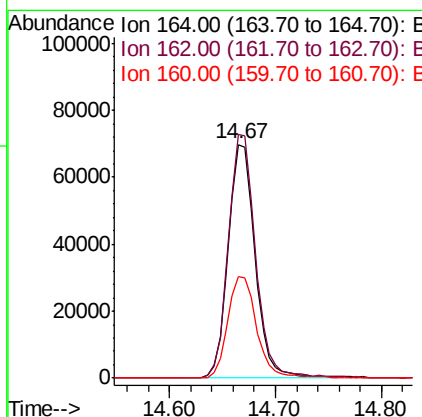
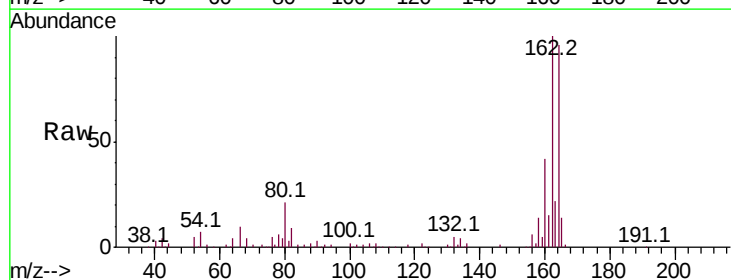
Instrument :
BNA_G
ClientSampleId :
PB113203TB

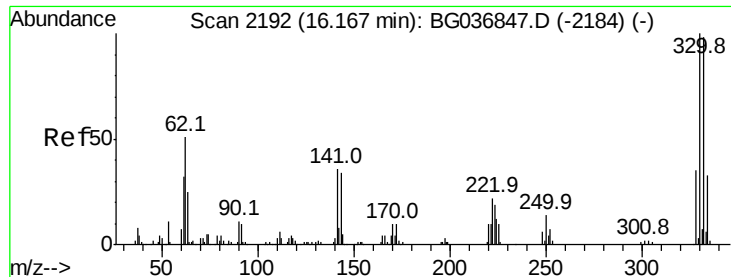
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.2	33.3	49.9
54	57.9	45.1	67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG036963.D
Acq: 26 Sep 2018 00:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	80.7	121.1
160	43.7	35.3	52.9

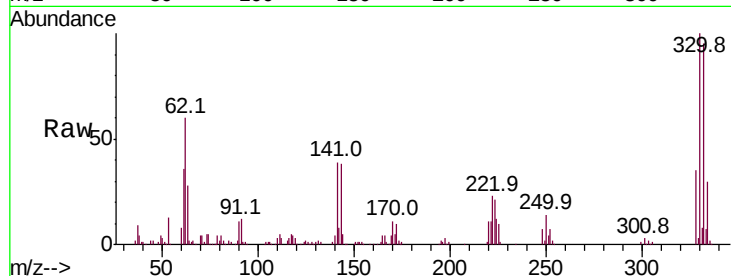




#41
 2,4,6-Tribromophenol
 Concen: 140.854 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG036963.D
 Acq: 26 Sep 2018 00:08

Instrument :
 BNA_G
 ClientSampleId :
 PB113203TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.4	113.2
141	38.5	30.7	46.1

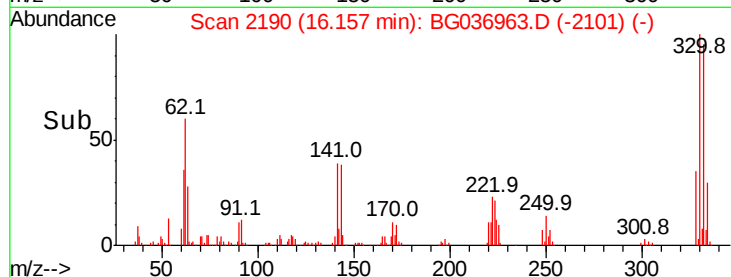
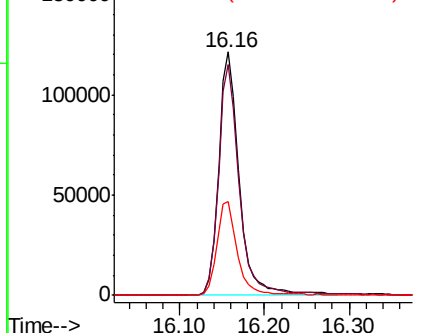


Abundance

Ion 329.80 (329.50 to 330.50): E

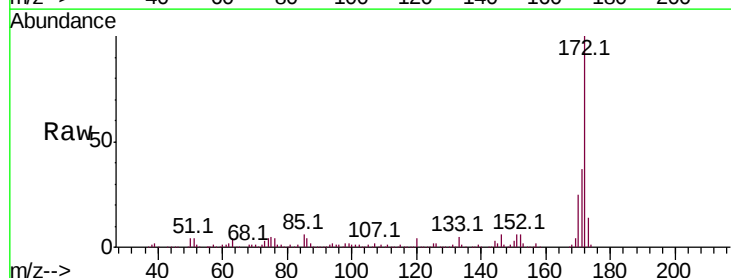
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.423 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG036963.D
 Acq: 26 Sep 2018 00:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	31.3	46.9
170	24.9	21.0	31.6

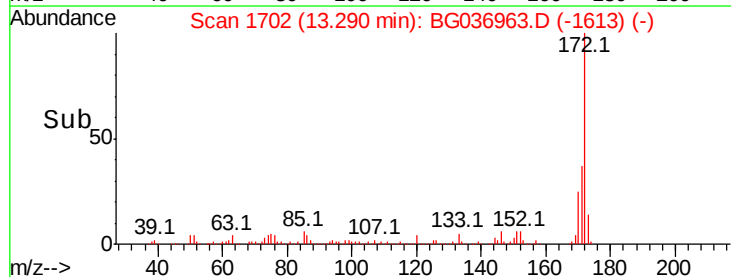
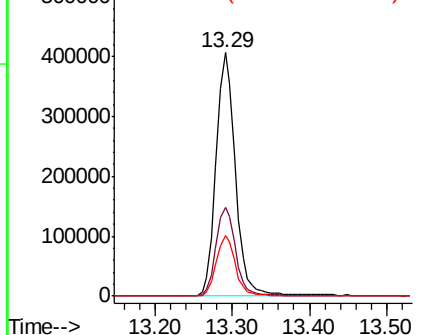


Abundance

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

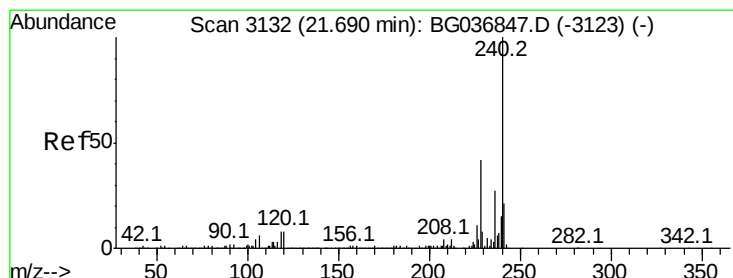
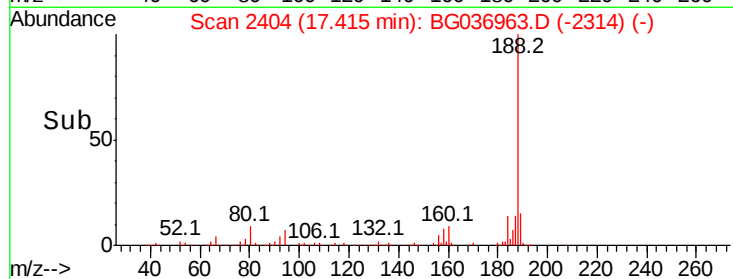
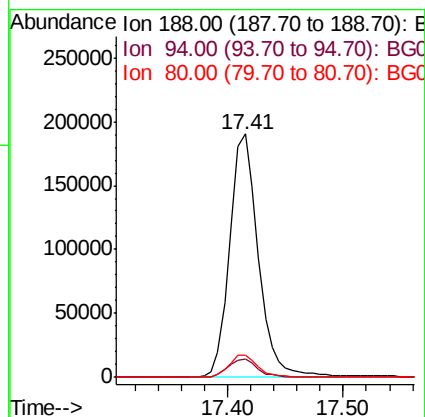
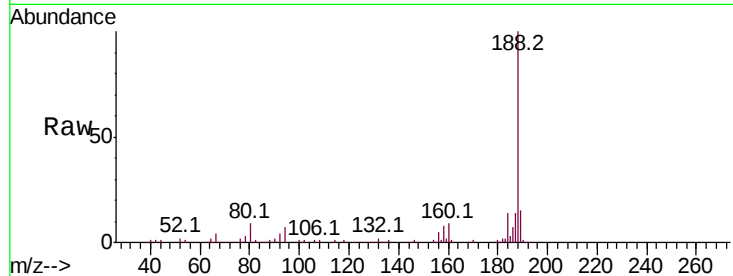




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.00 min
Lab File: BG036963.D
Acq: 26 Sep 2018 00:08

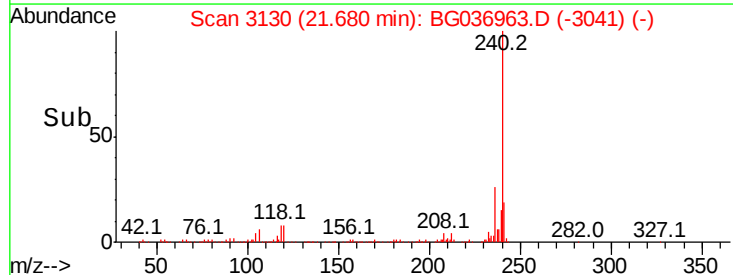
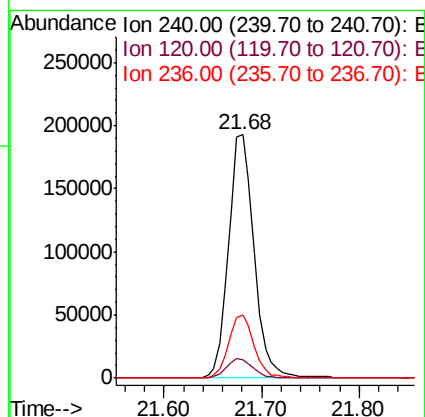
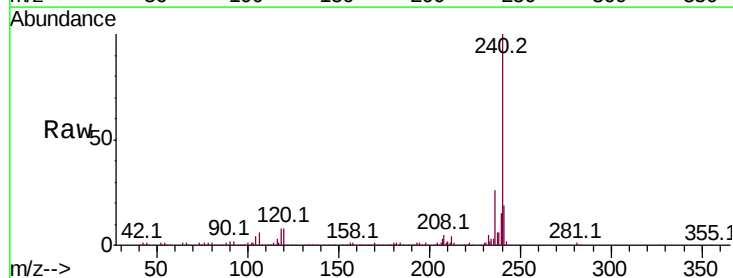
Instrument :
BNA_G
ClientSampleId :
PB113203TB

Tot Ion:188 Resp: 328459
Ion Ratio Lower Upper
188 100
94 7.4 6.7 10.1
80 9.3 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036963.D
Acq: 26 Sep 2018 00:08

Tgt Ion:240 Resp: 350544
Ion Ratio Lower Upper
240 100
120 7.7 6.9 10.3
236 26.0 21.2 31.8



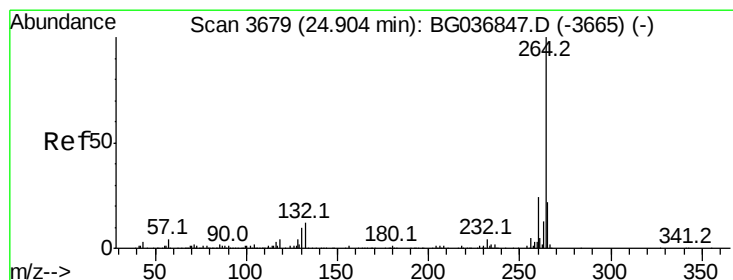
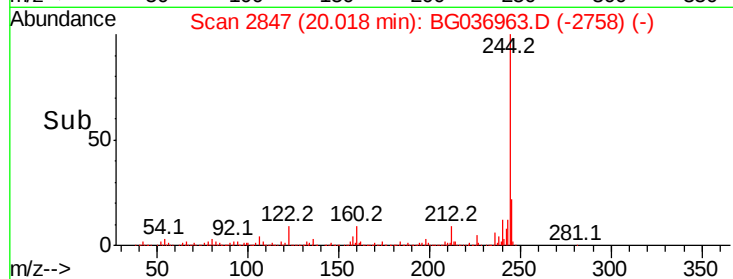
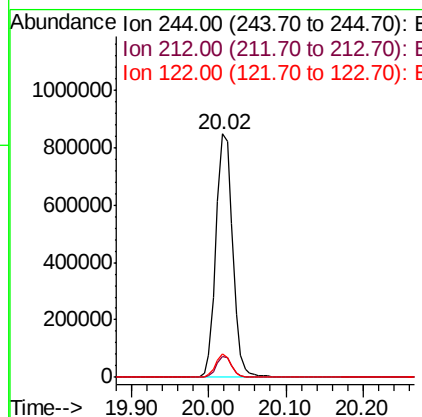
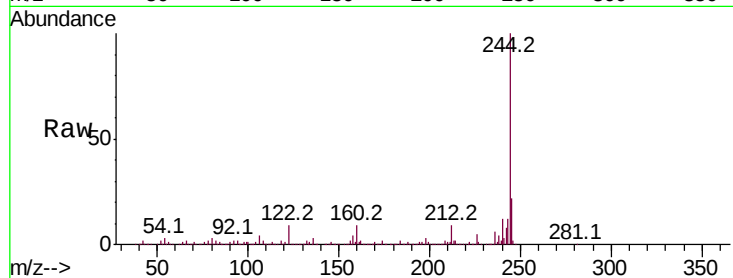


#78
 Terphenyl-d14
 Concen: 94.678 ng
 RT: 20.02 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BG036963.D
 Acq: 26 Sep 2018 00:08

Instrument :
 BNA_G
 ClientSampled :
 PB113203TB

Tot Ion:244 Resp: 1262179

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	9.4	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: BG036963.D
 Acq: 26 Sep 2018 00:08

Tgt Ion:264 Resp: 338410

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	21.5	17.4	26.0

