

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
 Data File : BG038810.D
 Acq On : 22 Dec 2018 9:59
 Operator : JU/SJ
 Sample : J6446-19
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS023-0612-01

Quant Time: Dec 24 04:36:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

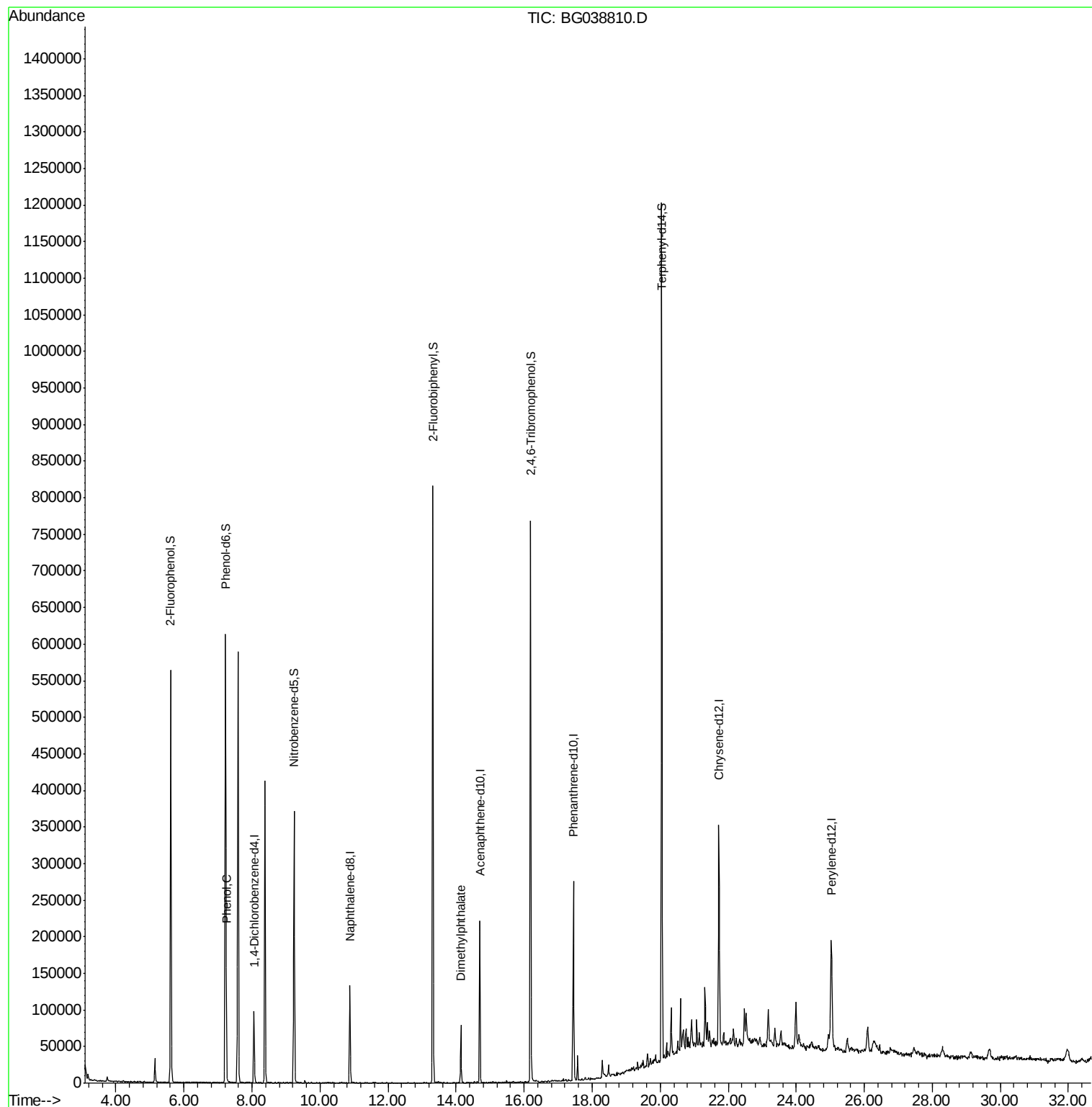
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	28086	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	120310	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	80121	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	180326	20.00	ng	0.00
76) Chrysene-d12	21.73	240	169585	20.00	ng	0.00
87) Perylene-d12	25.03	264	184590	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	243281	153.63	ng	0.01
7) Phenol-d6	7.22	99	353015	162.39	ng	0.02
23) Nitrobenzene-d5	9.24	82	220770	93.75	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	169362	153.38	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	448510	76.79	ng	0.00
79) Terphenyl-d14	20.04	244	597957	76.74	ng	0.00
Target Compounds						
10) Phenol	7.25	94	14715	6.372	ng	90
50) Dimethylphthalate	14.14	163	55113	8.423	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG038810.D

Acq: 22 Dec 2018 9:59

Instrument :

BNA_G

ClientSampleId :

P001-SS023-0612-01

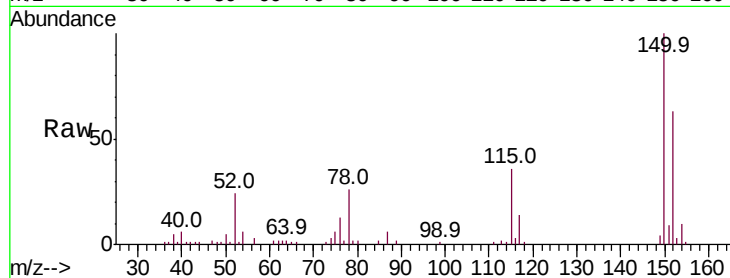
Tot Ion:152 Resp: 28086

Ion Ratio Lower Upper

152 100

150 159.8 119.5 179.3

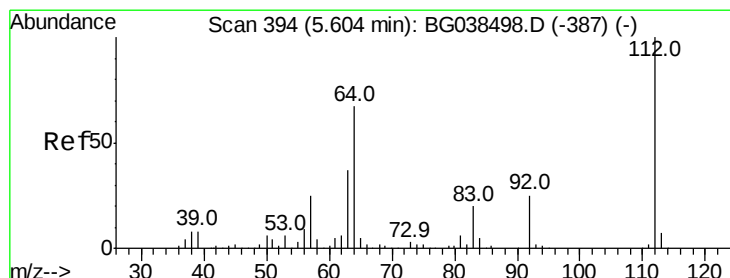
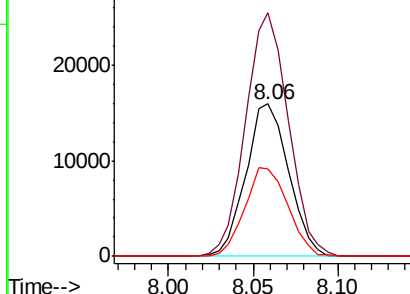
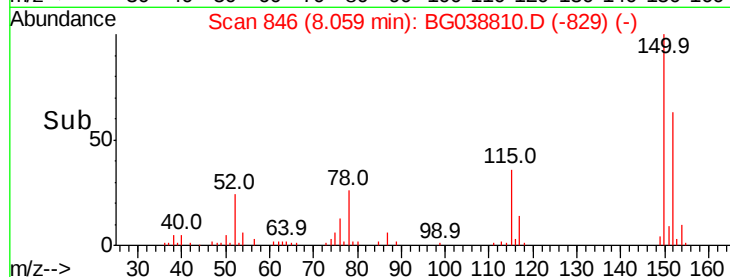
115 57.0 49.6 74.4



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: 153.634 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG038810.D

Acq: 22 Dec 2018 9:59

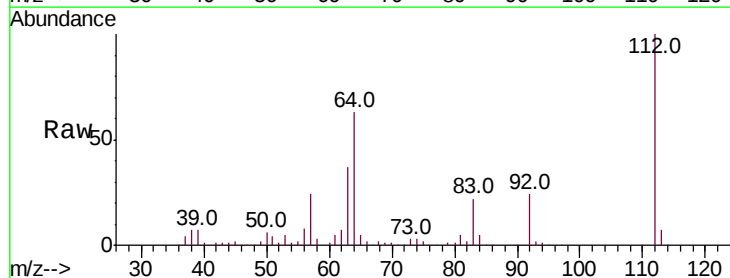
Tgt Ion:112 Resp: 243281

Ion Ratio Lower Upper

112 100

64 63.3 53.4 80.2

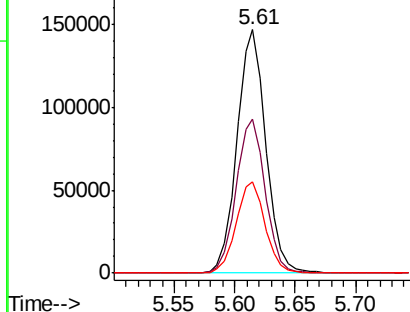
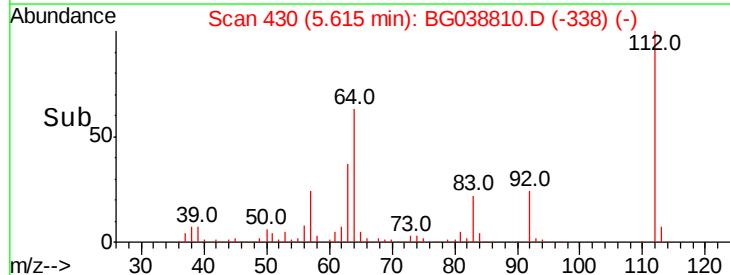
63 37.3 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 162.391 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.02 min

Lab File: BG038810.D

Acq: 22 Dec 2018 9:59

Instrument :

BNA_G

ClientSampleId :

P001-SS023-0612-01

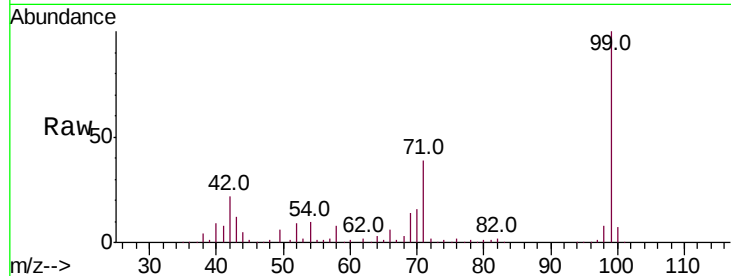
Tot Ion: 99 Resp: 353015

Ion Ratio Lower Upper

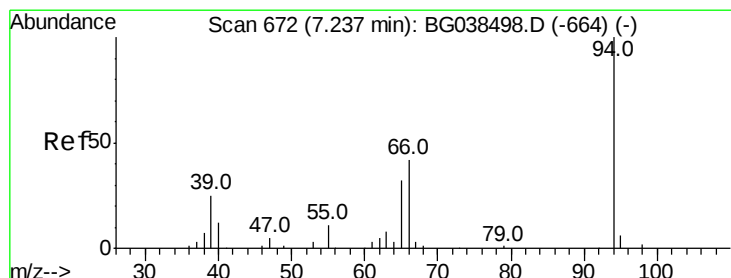
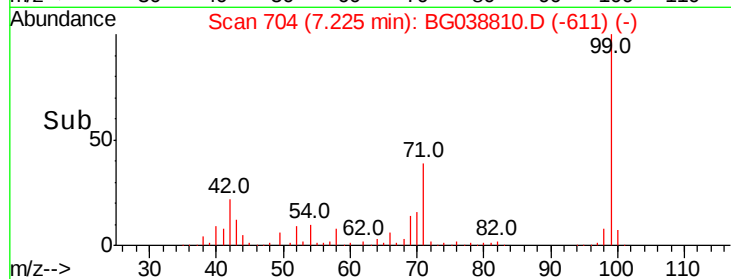
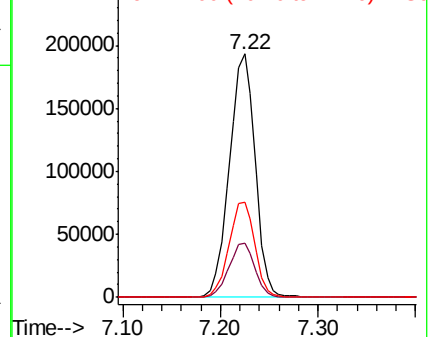
99 100

42 22.4 18.5 27.7

71 38.9 31.1 46.7



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



#10

Phenol

Concen: 6.372 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.01 min

Lab File: BG038810.D

Acq: 22 Dec 2018 9:59

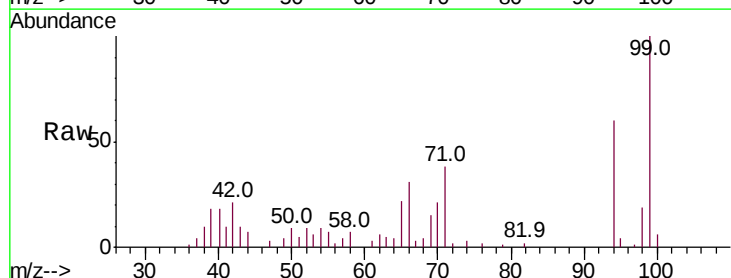
Tgt Ion: 94 Resp: 14715

Ion Ratio Lower Upper

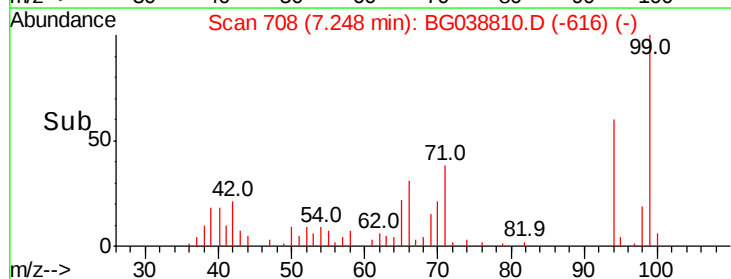
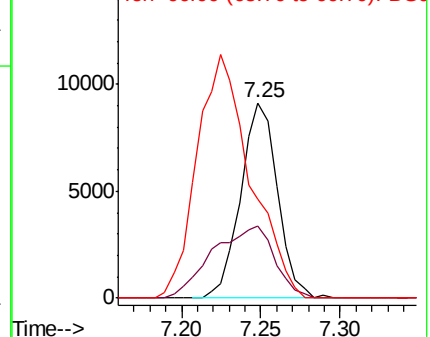
94 100

65 37.2 12.6 52.6

66 51.0 24.1 64.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

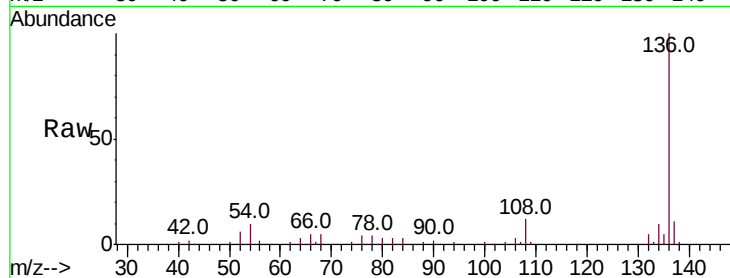




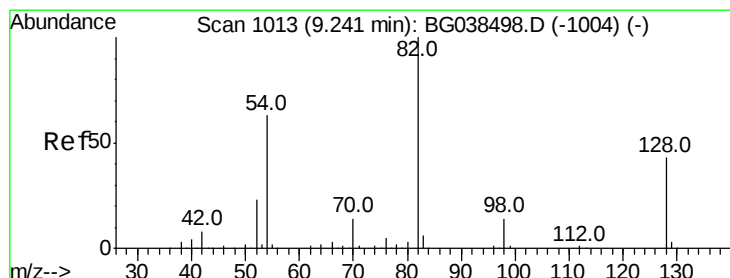
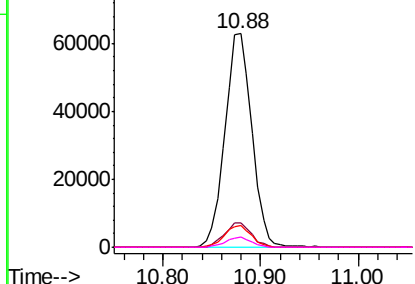
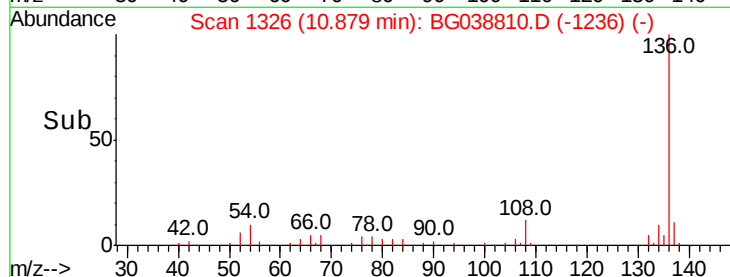
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038810.D
Acq: 22 Dec 2018 9:59

Instrument :
BNA_G
ClientSampleId :
P001-SS023-0612-01

Tot Ion:	136	Resp:	120310
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	10.2	8.5	12.7
68	4.6	3.5	5.3

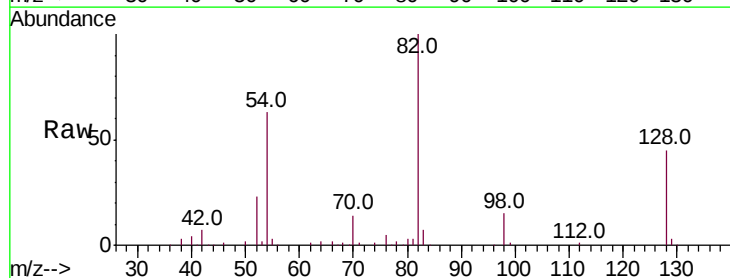


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

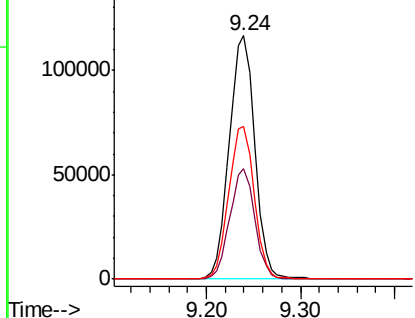
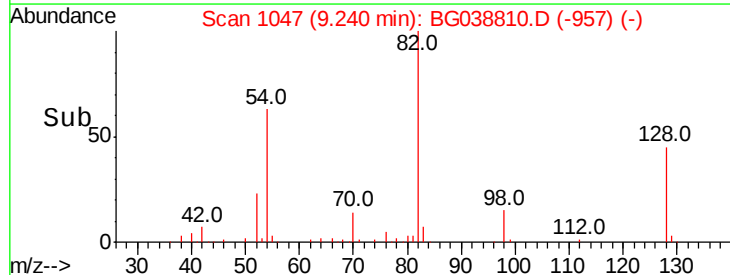


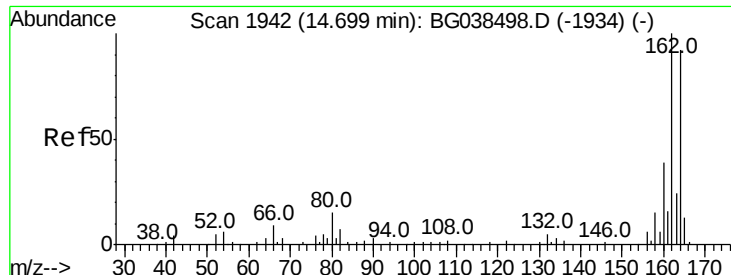
#23
Nitrobenzene-d5
Concen: 93.745 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038810.D
Acq: 22 Dec 2018 9:59

Tgt Ion:	82	Resp:	220770
Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.6	52.0
54	62.9	50.6	76.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038810.D

Acq: 22 Dec 2018 9:59

Instrument :

BNA_G

ClientSampleId :

P001-SS023-0612-01

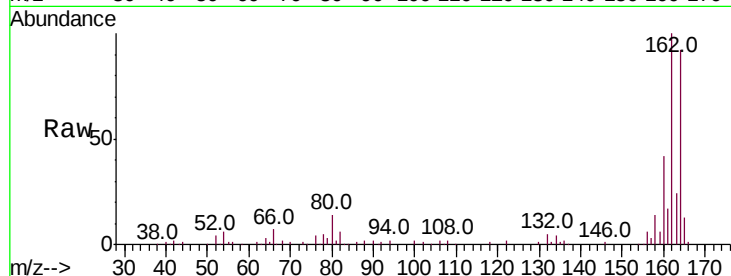
Tot Ion:164 Resp: 80121

Ion Ratio Lower Upper

164 100

162 109.0 86.6 130.0

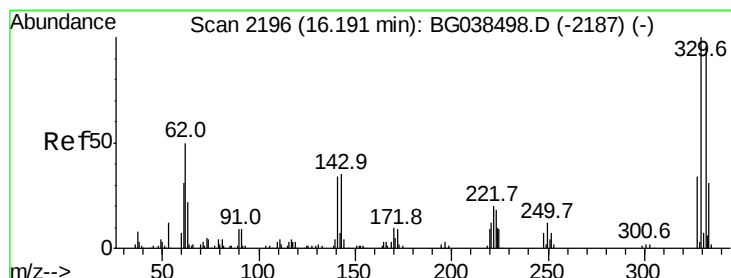
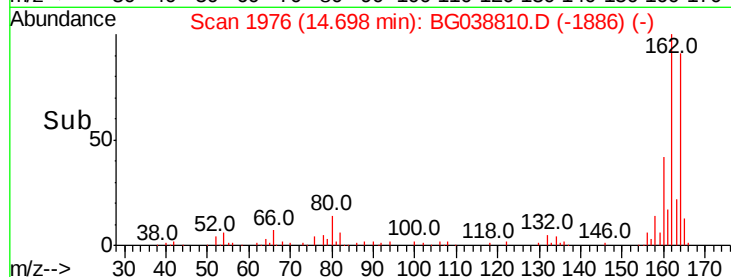
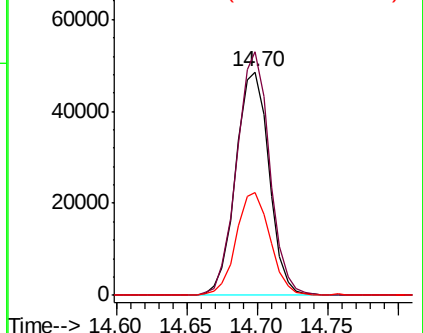
160 46.2 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 153.378 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG038810.D

Acq: 22 Dec 2018 9:59

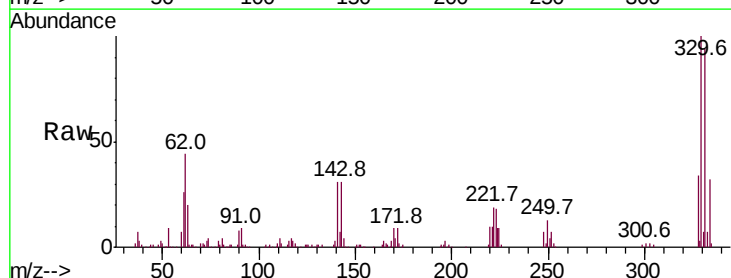
Tgt Ion:330 Resp: 169362

Ion Ratio Lower Upper

330 100

332 94.8 76.9 115.3

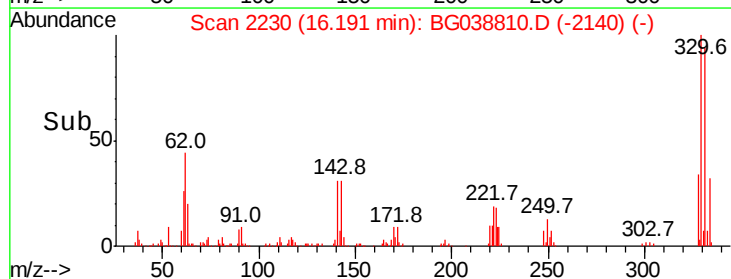
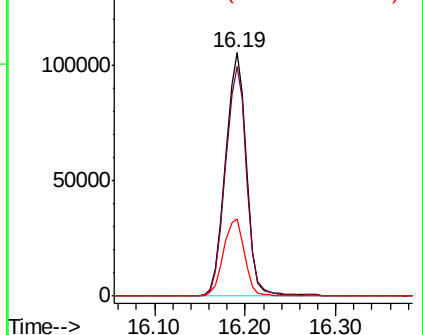
141 31.9 28.8 43.2



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

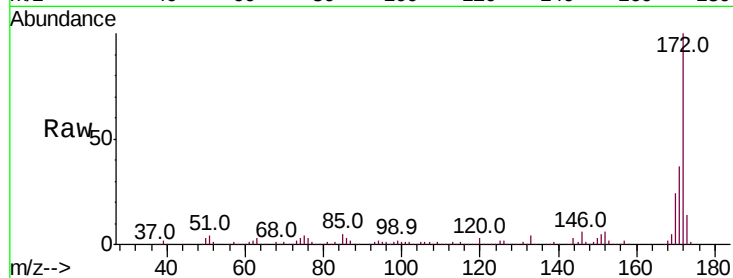




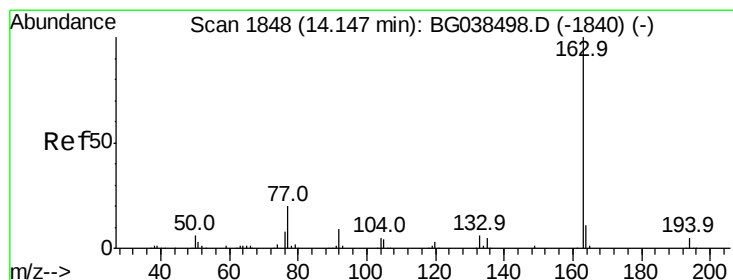
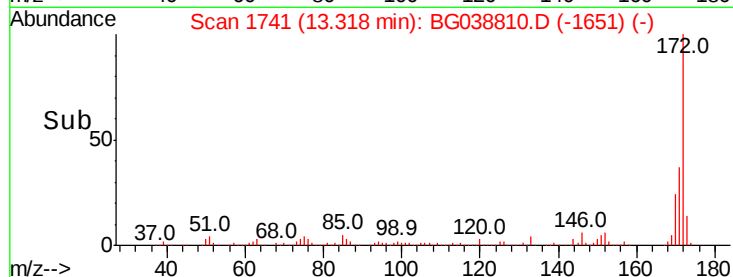
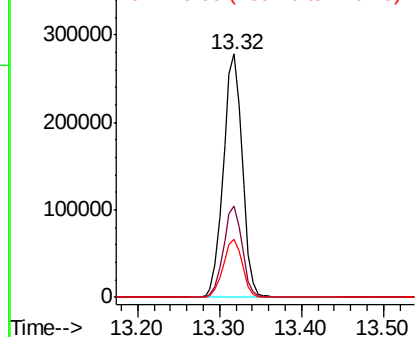
#45
2-Fluorobiphenyl
Concen: 76.795 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038810.D
Acq: 22 Dec 2018 9:59

Instrument :
BNA_G
ClientSampleId :
P001-SS023-0612-01

Tot Ion:172 Resp: 448510
Ion Ratio Lower Upper
172 100
171 37.3 29.8 44.6
170 23.8 19.5 29.3

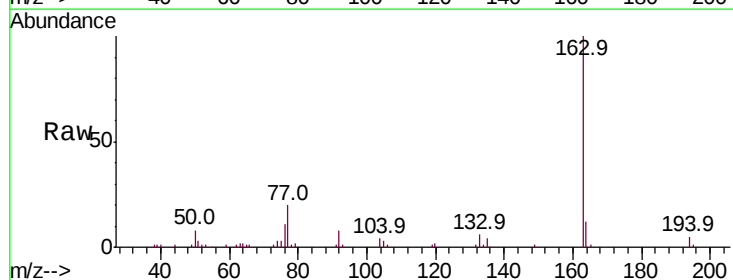


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

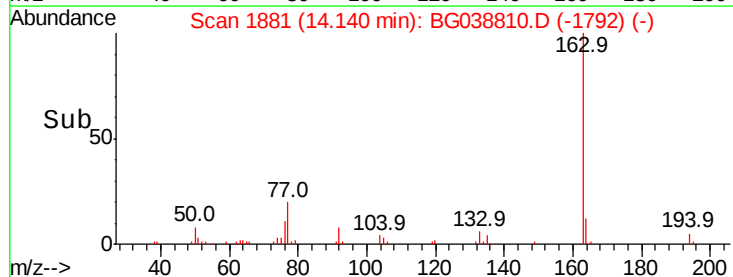
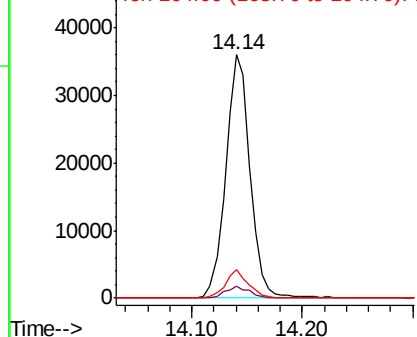


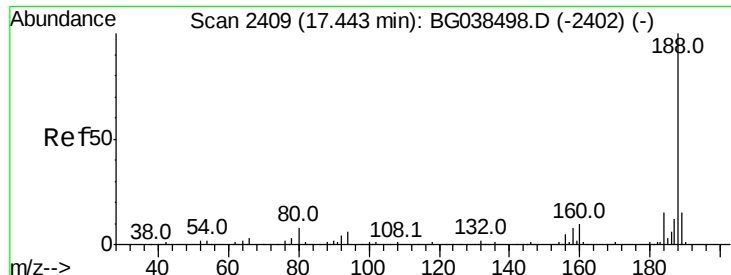
#50
Dimethylphthalate
Concen: 8.423 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG038810.D
Acq: 22 Dec 2018 9:59

Tgt Ion:163 Resp: 55113
Ion Ratio Lower Upper
163 100
194 4.9 3.7 5.5
164 11.5 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

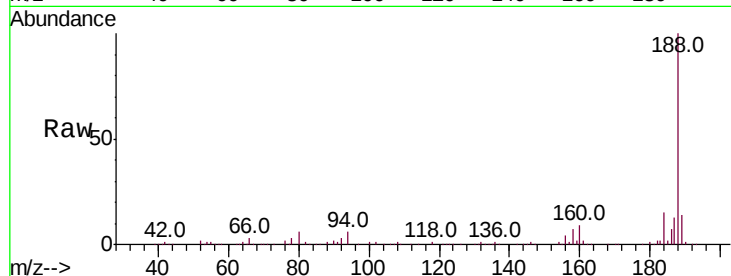




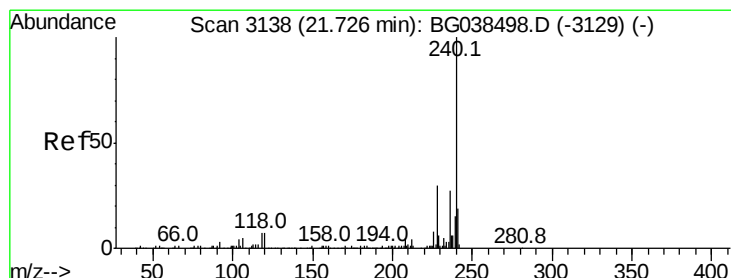
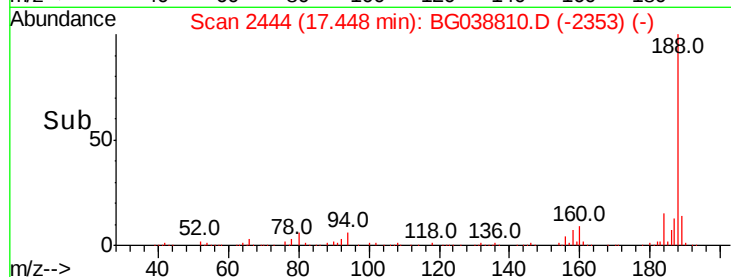
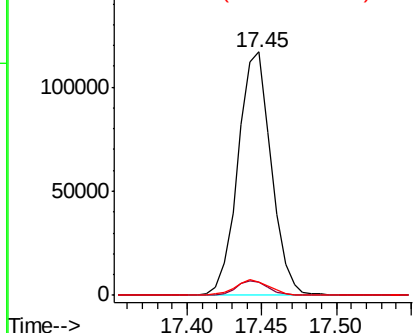
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2444
 Delta R.T. 0.01 min
 Lab File: BG038810.D
 Acq: 22 Dec 2018 9:59

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS023-0612-01

Tot Ion:188 Resp: 180326
 Ion Ratio Lower Upper
 188 100
 94 5.7 5.1 7.7
 80 5.6 6.1 9.1#

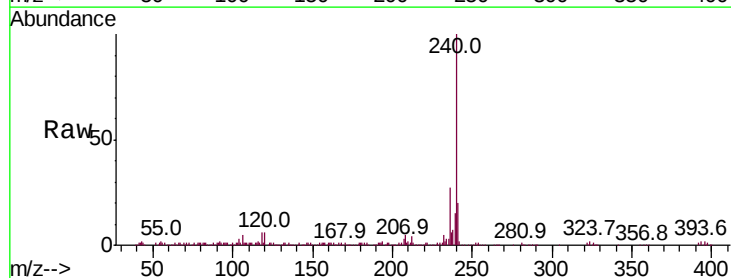


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

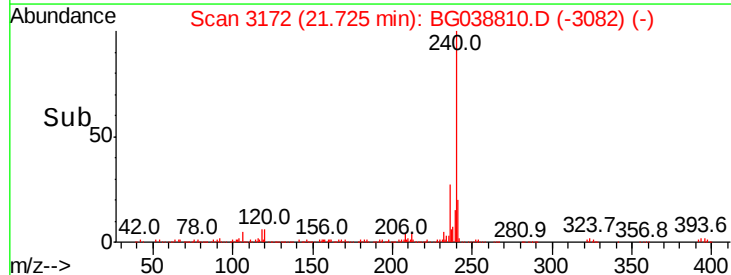
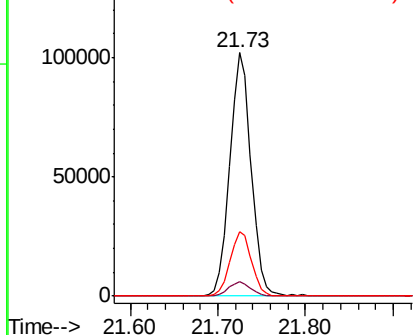


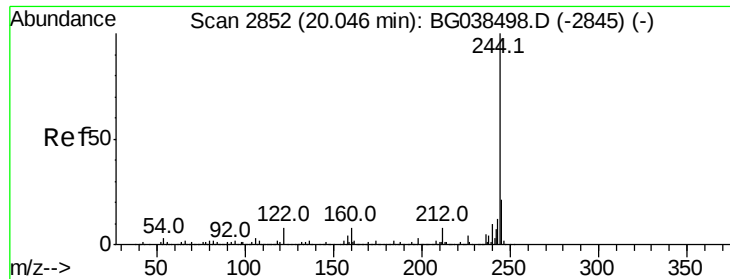
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3172
 Delta R.T. -0.00 min
 Lab File: BG038810.D
 Acq: 22 Dec 2018 9:59

Tgt Ion:240 Resp: 169585
 Ion Ratio Lower Upper
 240 100
 120 6.2 5.3 7.9
 236 26.7 21.4 32.2



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





#79

Terphenyl-d14

Concen: 76.738 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038810.D

Acq: 22 Dec 2018 9:59

Instrument :

BNA_G

ClientSampleId :

P001-SS023-0612-01

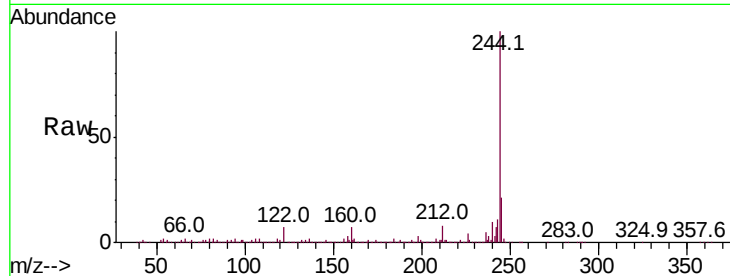
Tot Ion:244 Resp: 597957

Ion Ratio Lower Upper

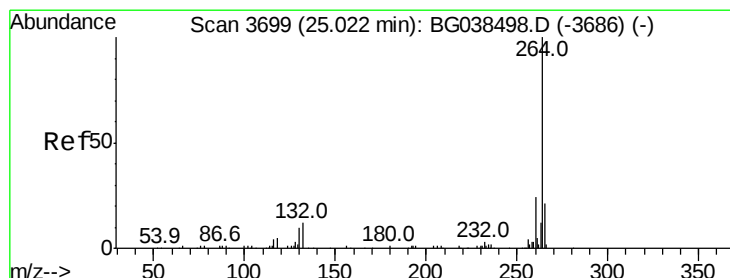
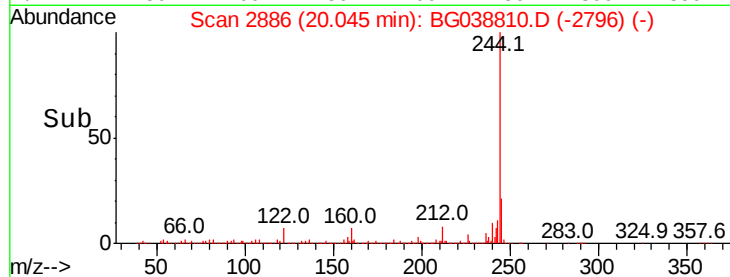
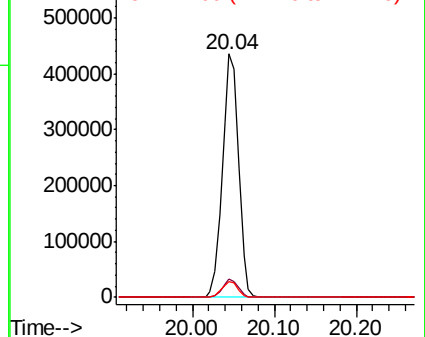
244 100

212 7.7 6.2 9.2

122 6.5 6.3 9.5



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.03 min Scan# 3735

Delta R.T. 0.01 min

Lab File: BG038810.D

Acq: 22 Dec 2018 9:59

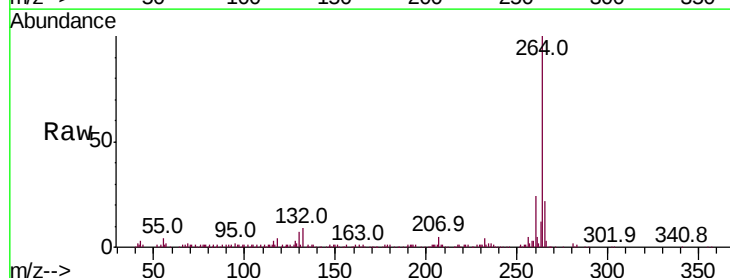
Tgt Ion:264 Resp: 184590

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 21.7 17.0 25.4



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

