

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
 Data File : BG038942.D
 Acq On : 4 Jan 2019 23:04
 Operator : JU/SJ
 Sample : K1029-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B1 123118

Quant Time: Jan 05 01:02:24 2019
 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

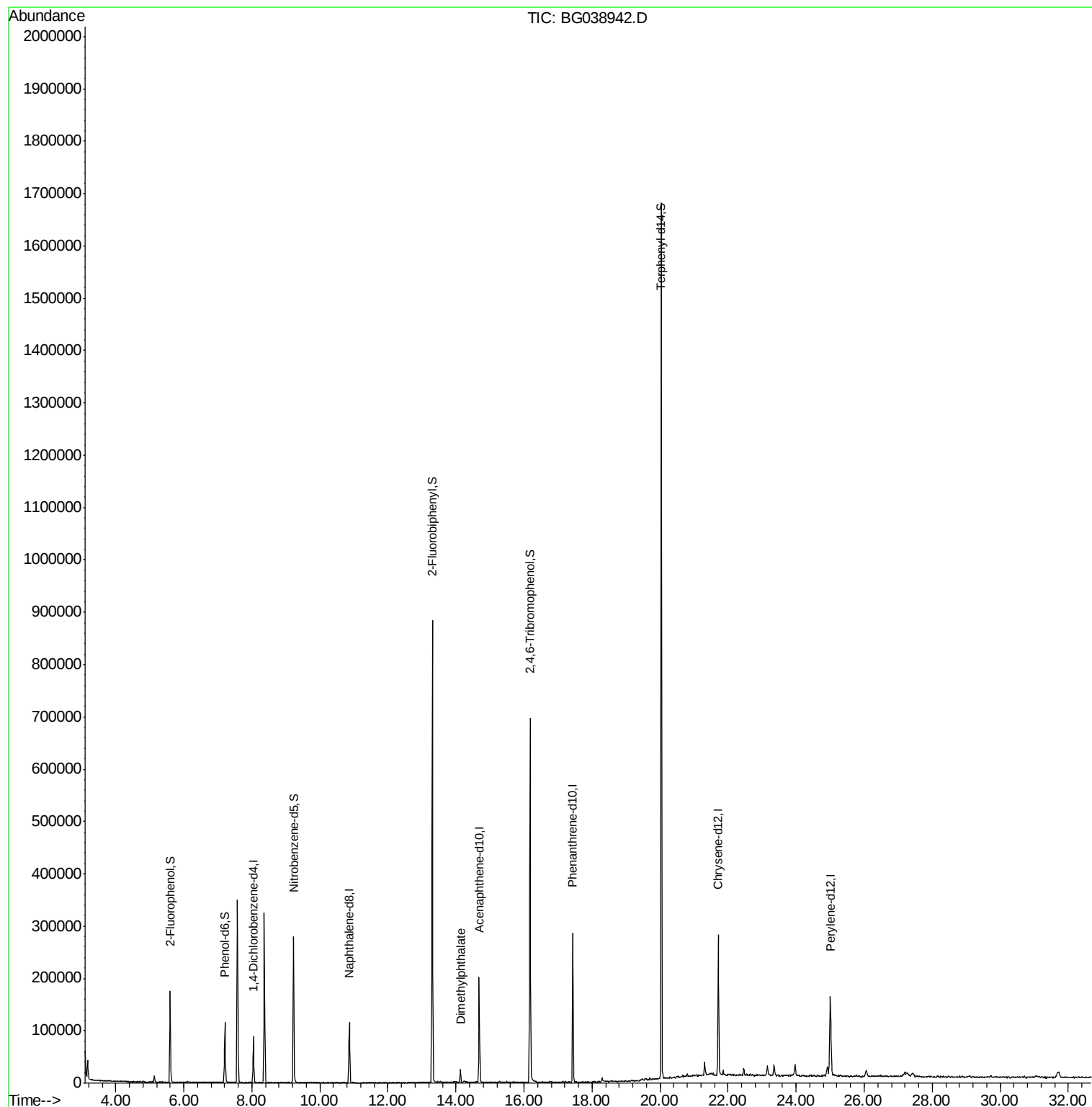
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	25110	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	104503	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	75240	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	187027	20.00	ng	0.00
76) Chrysene-d12	21.71	240	180315	20.00	ng	-0.02
87) Perylene-d12	25.01	264	191323	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	80696	57.00	ng	0.00
7) Phenol-d6	7.20	99	67575	34.77	ng	0.00
23) Nitrobenzene-d5	9.22	82	168984	82.61	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	159805	154.11	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	473717	86.37	ng	-0.02
79) Terphenyl-d14	20.04	244	858165	103.58	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.13	163	20226	3.292	ng	Qvalue # 98

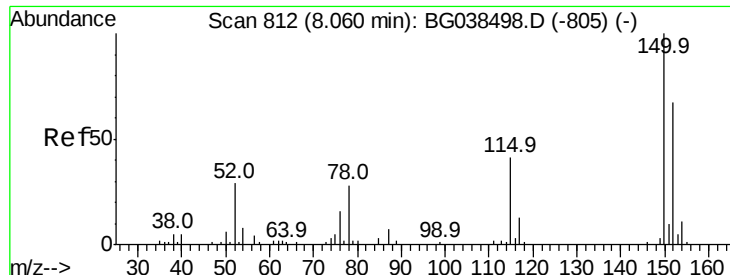
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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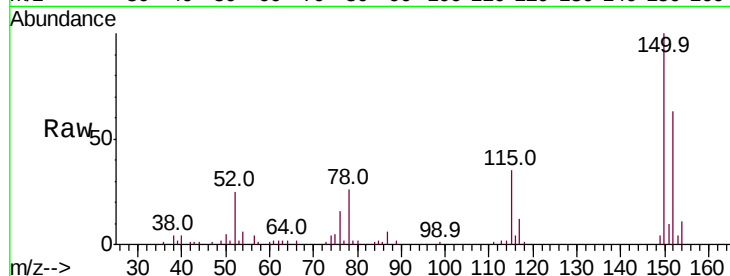


#1

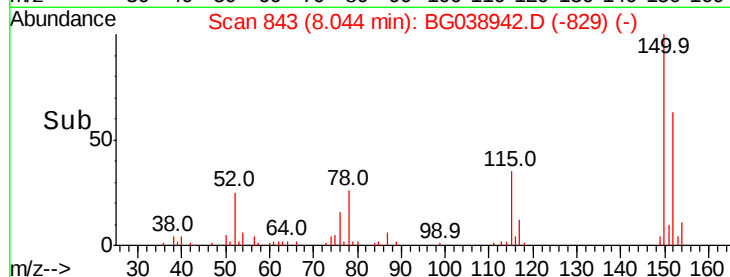
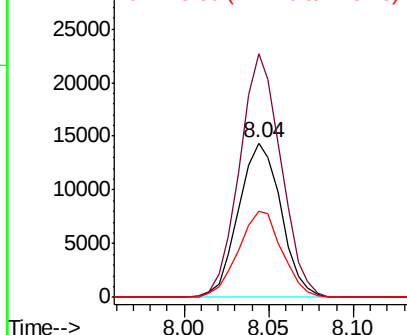
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.02 min
Lab File: BG038942.D
Acq: 4 Jan 2019 23:04

Instrument :
BNA_G
ClientSampleId :
B1 123118

Tot Ion:152 Resp: 25110
Ion Ratio Lower Upper
152 100
150 157.8 119.5 179.3
115 55.6 49.6 74.4



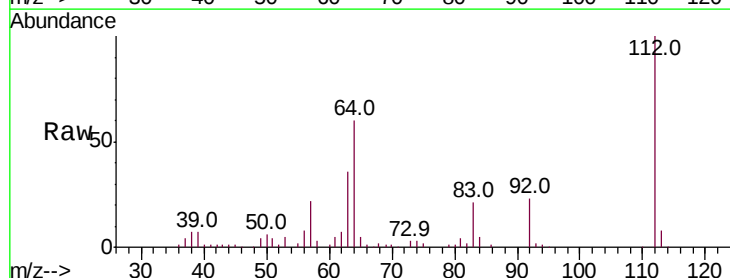
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



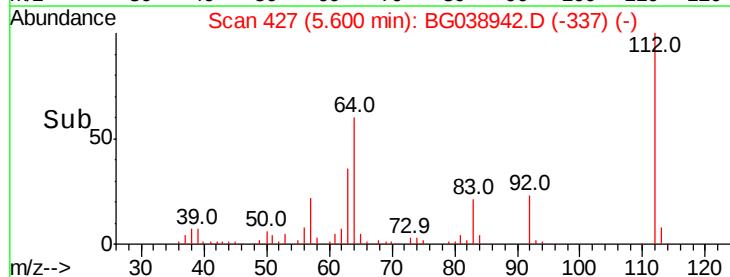
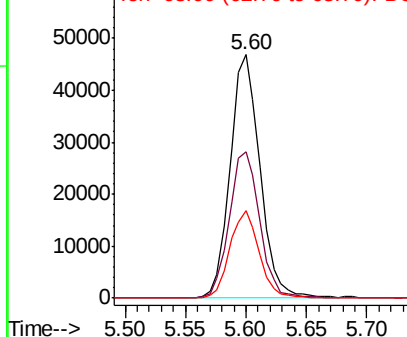
#5

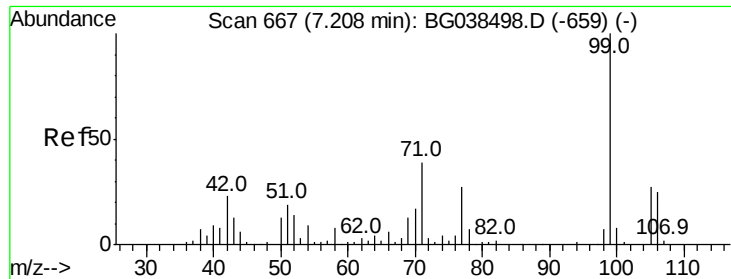
2-Fluorophenol
Concen: 57.000 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.00 min
Lab File: BG038942.D
Acq: 4 Jan 2019 23:04

Tgt Ion:112 Resp: 80696
Ion Ratio Lower Upper
112 100
64 60.3 53.4 80.2
63 35.9 29.3 43.9



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: 34.769 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038942.D

Acq: 4 Jan 2019 23:04

Instrument :

BNA_G

ClientSampleId :

B1_123118

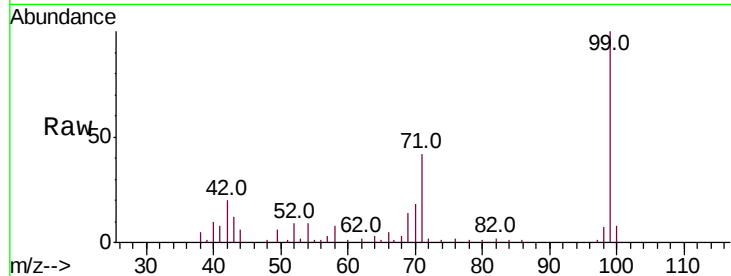
Tot Ion: 99 Resp: 67575

Ion Ratio Lower Upper

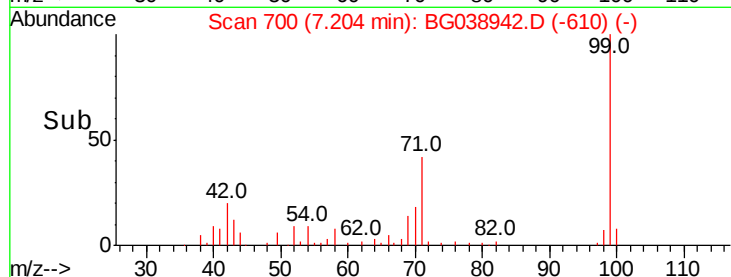
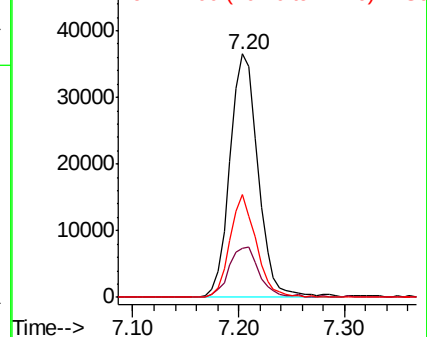
99 100

42 20.4 18.5 27.7

71 42.3 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG038942.D

Acq: 4 Jan 2019 23:04

Tgt Ion: 136 Resp: 104503

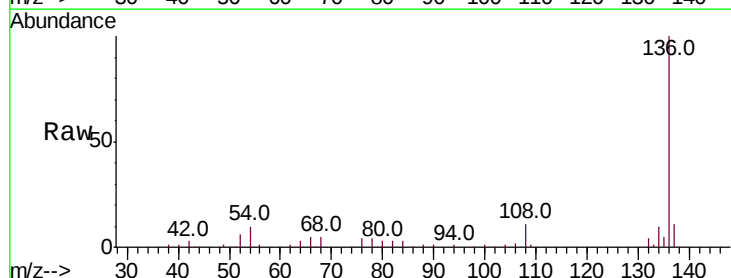
Ion Ratio Lower Upper

136 100

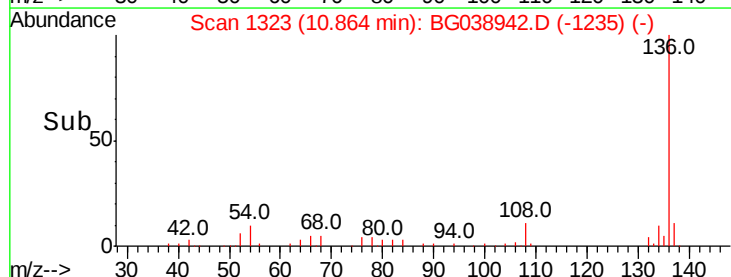
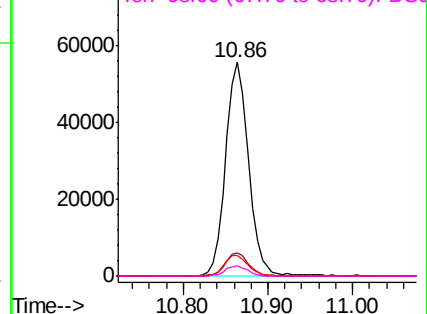
137 10.8 9.3 13.9

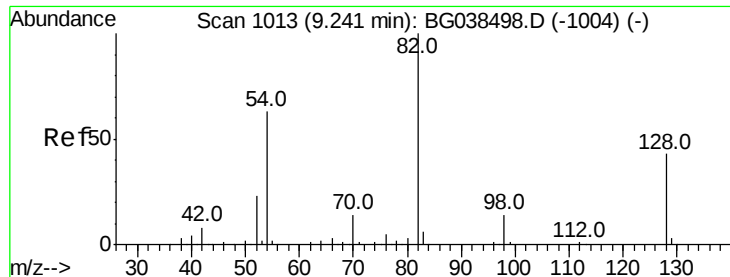
54 9.8 8.5 12.7

68 4.9 3.5 5.3



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

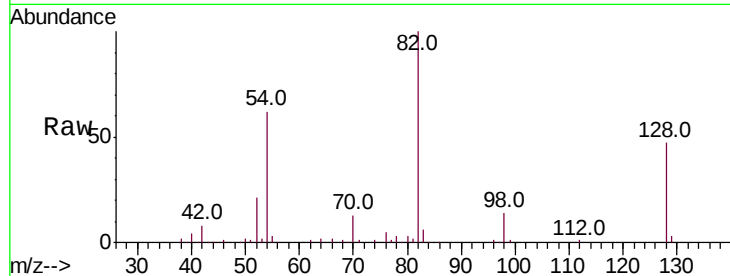




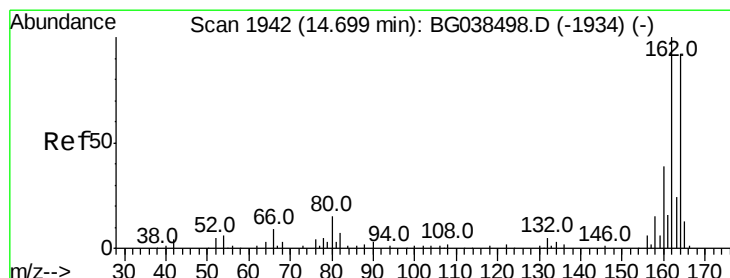
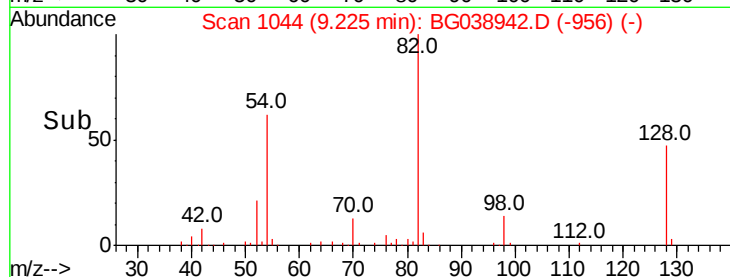
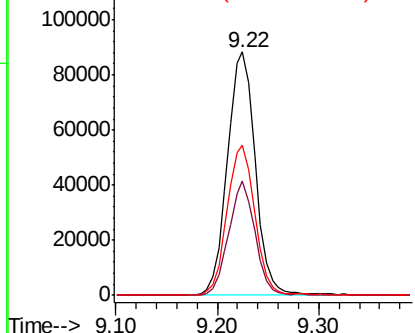
#23
Nitrobenzene-d5
Concen: 82.609 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038942.D
Acq: 4 Jan 2019 23:04

Instrument :
BNA_G
ClientSampleId :
B1_123118

Tot Ion: 82 Resp: 168984
Ion Ratio Lower Upper
82 100
128 47.0 34.6 52.0
54 61.9 50.6 76.0

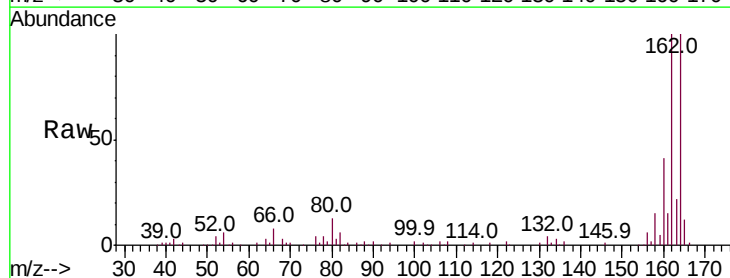


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

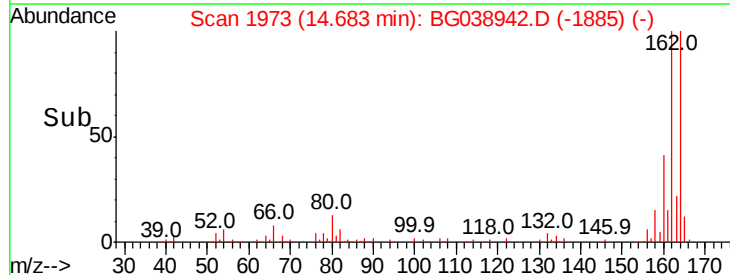
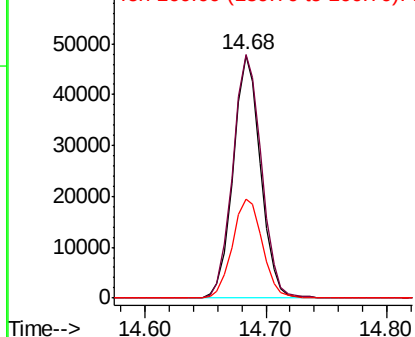


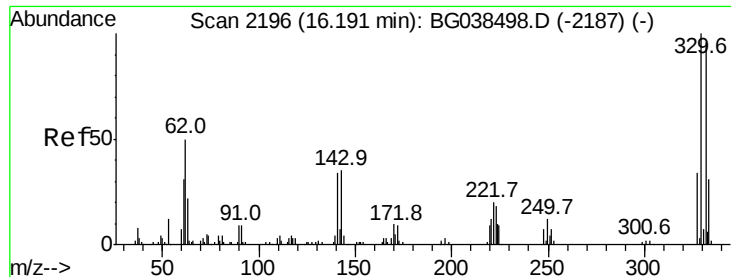
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG038942.D
Acq: 4 Jan 2019 23:04

Tgt Ion:164 Resp: 75240
Ion Ratio Lower Upper
164 100
162 100.4 86.6 130.0
160 40.7 34.2 51.2



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

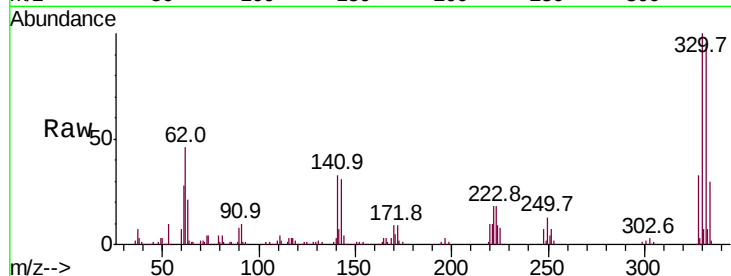




#42
 2,4,6-Tribromophenol
 Concen: 154.112 ng
 RT: 16.18 min Scan# 2227
 Delta R.T. -0.02 min
 Lab File: BG038942.D
 Acq: 4 Jan 2019 23:04

Instrument :
 BNA_G
 ClientSampleId :
 B1_123118

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.9	115.3
141	32.4	28.8	43.2

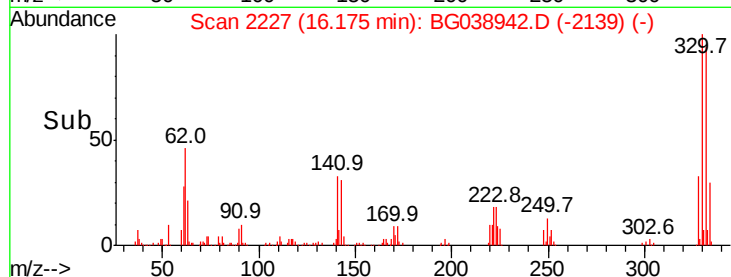
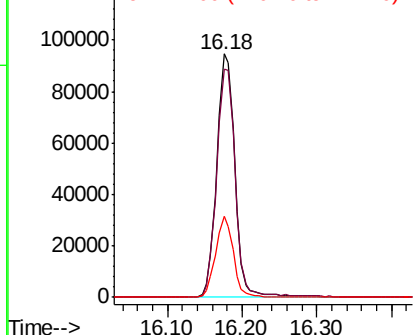


Abundance

Ion 329.80 (329.50 to 330.50): E

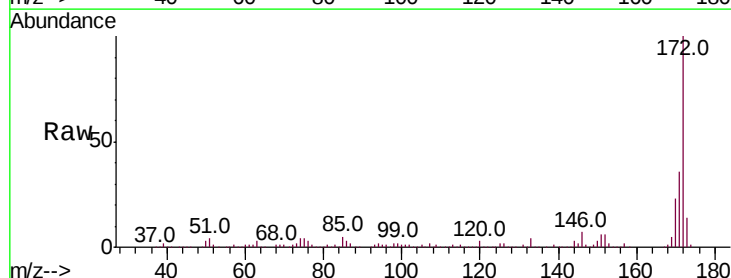
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 86.373 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG038942.D
 Acq: 4 Jan 2019 23:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.8	44.6
170	23.4	19.5	29.3

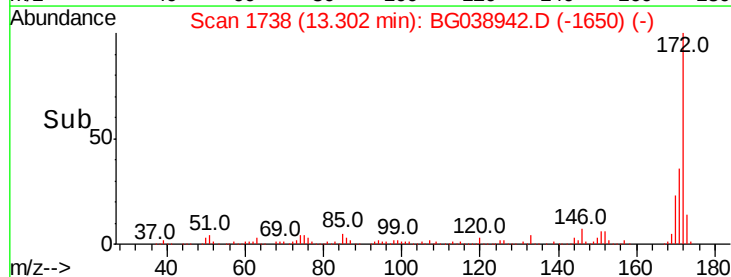
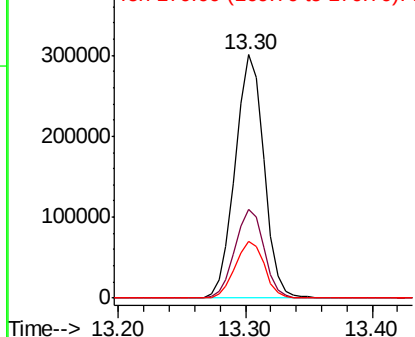


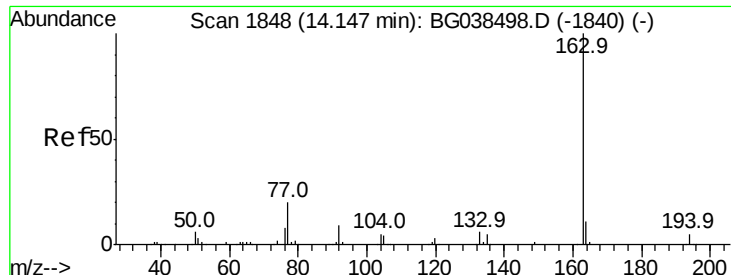
Abundance

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: 3.292 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG038942.D

Acq: 4 Jan 2019 23:04

Instrument :

BNA_G

ClientSampleId :

B1_123118

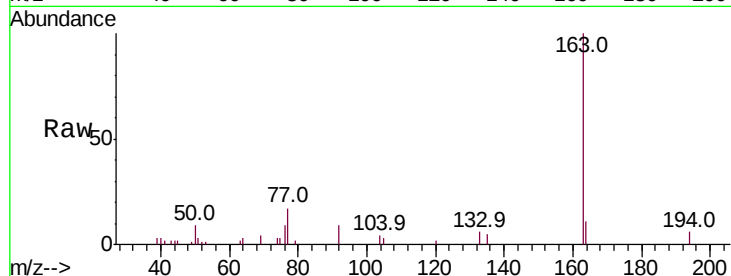
Tot Ion:163 Resp: 20226

Ion Ratio Lower Upper

163 100

194 5.6 3.7 5.5#

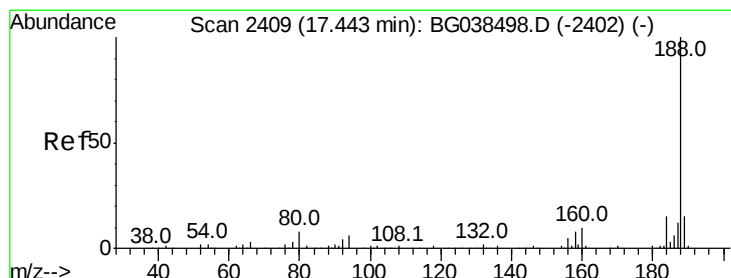
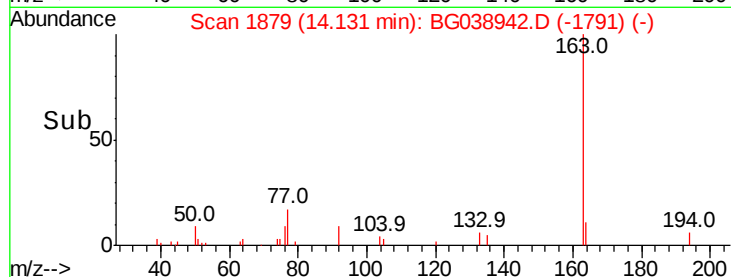
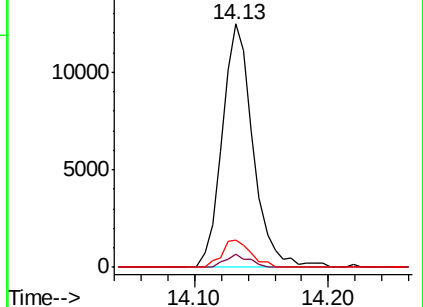
164 11.0 8.6 12.8



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: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG038942.D

Acq: 4 Jan 2019 23:04

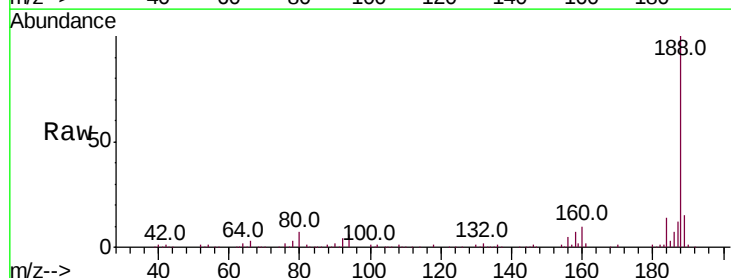
Tgt Ion:188 Resp: 187027

Ion Ratio Lower Upper

188 100

94 5.7 5.1 7.7

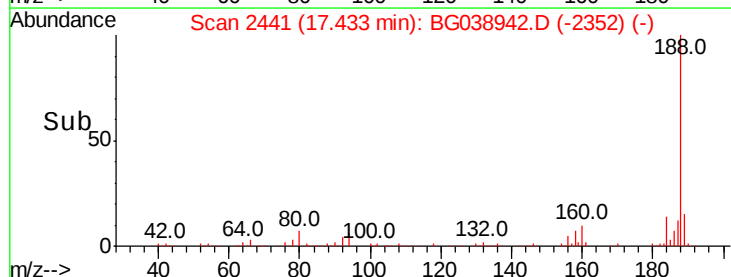
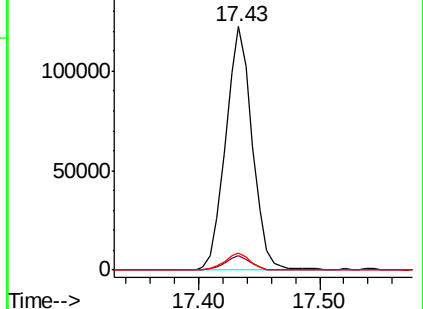
80 6.8 6.1 9.1

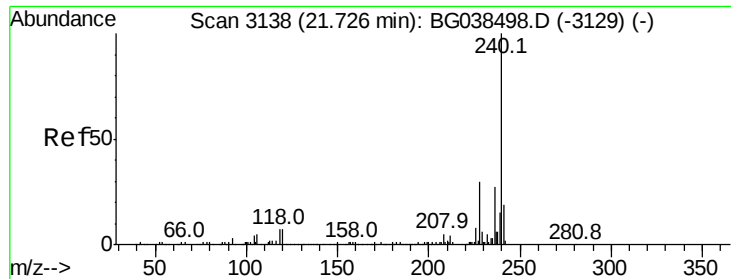


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

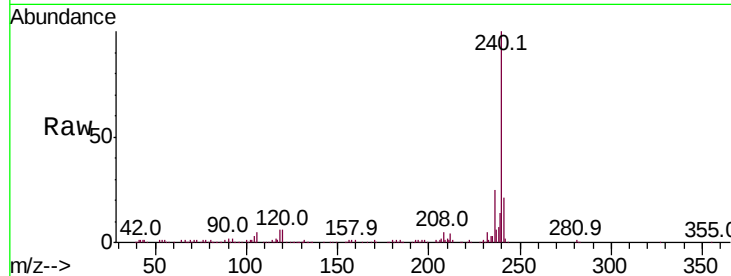




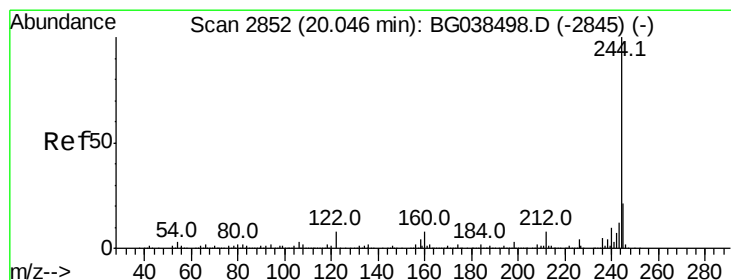
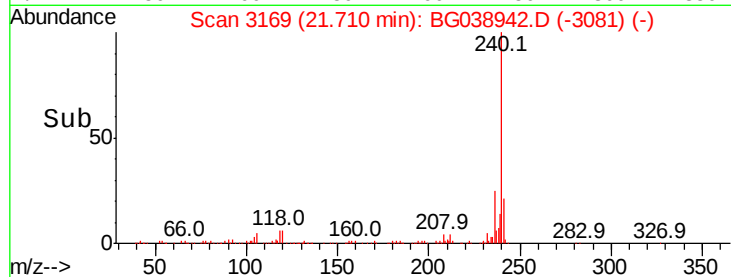
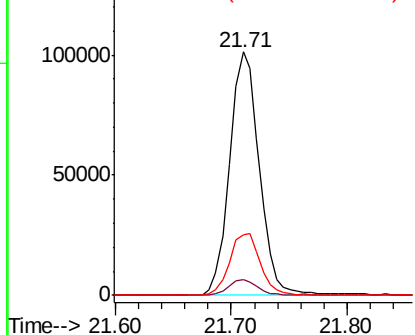
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.02 min
 Lab File: BG038942.D
 Acq: 4 Jan 2019 23:04

Instrument :
 BNA_G
 ClientSampleId :
 B1_123118

Tot Ion:240 Resp: 180315
 Ion Ratio Lower Upper
 240 100
 120 6.4 5.3 7.9
 236 25.0 21.4 32.2

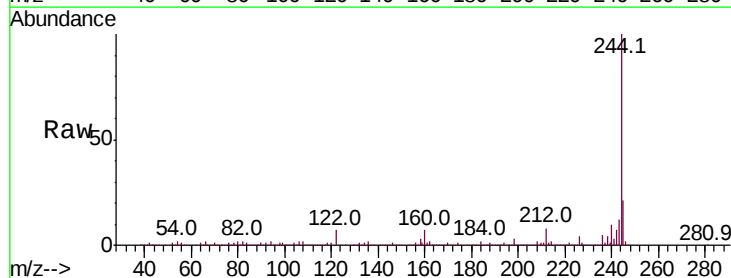


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

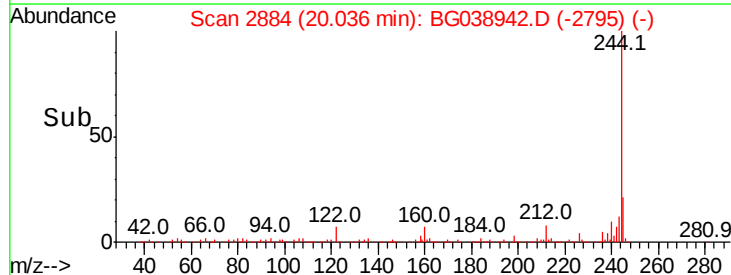
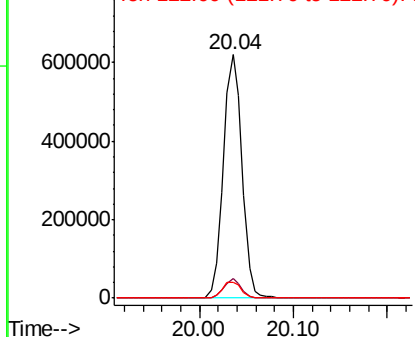


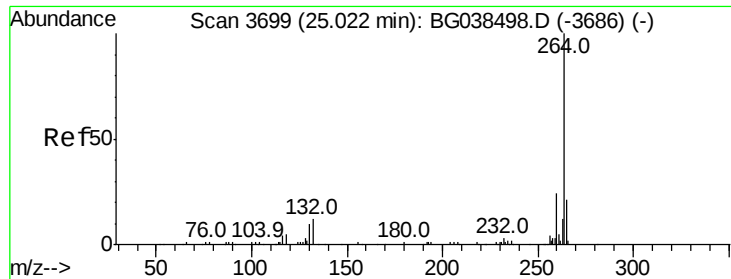
#79
 Terphenyl-d14
 Concen: 103.577 ng
 RT: 20.04 min Scan# 2884
 Delta R.T. -0.01 min
 Lab File: BG038942.D
 Acq: 4 Jan 2019 23:04

Tgt Ion:244 Resp: 858165
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 6.7 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
Pervlene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3730
Delta R.T. -0.02 min
Lab File: BG038942.D
Acq: 4 Jan 2019 23:04

Instrument :
BNA_G
ClientSampleId :
B1_123118

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.9	28.3
265	22.7	17.0	25.4

