

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010219\
 Data File : BG038900.D
 Acq On : 2 Jan 2019 20:13
 Operator : JU/SJ
 Sample : J6587-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-20181227

Quant Time: Jan 03 00:54:14 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

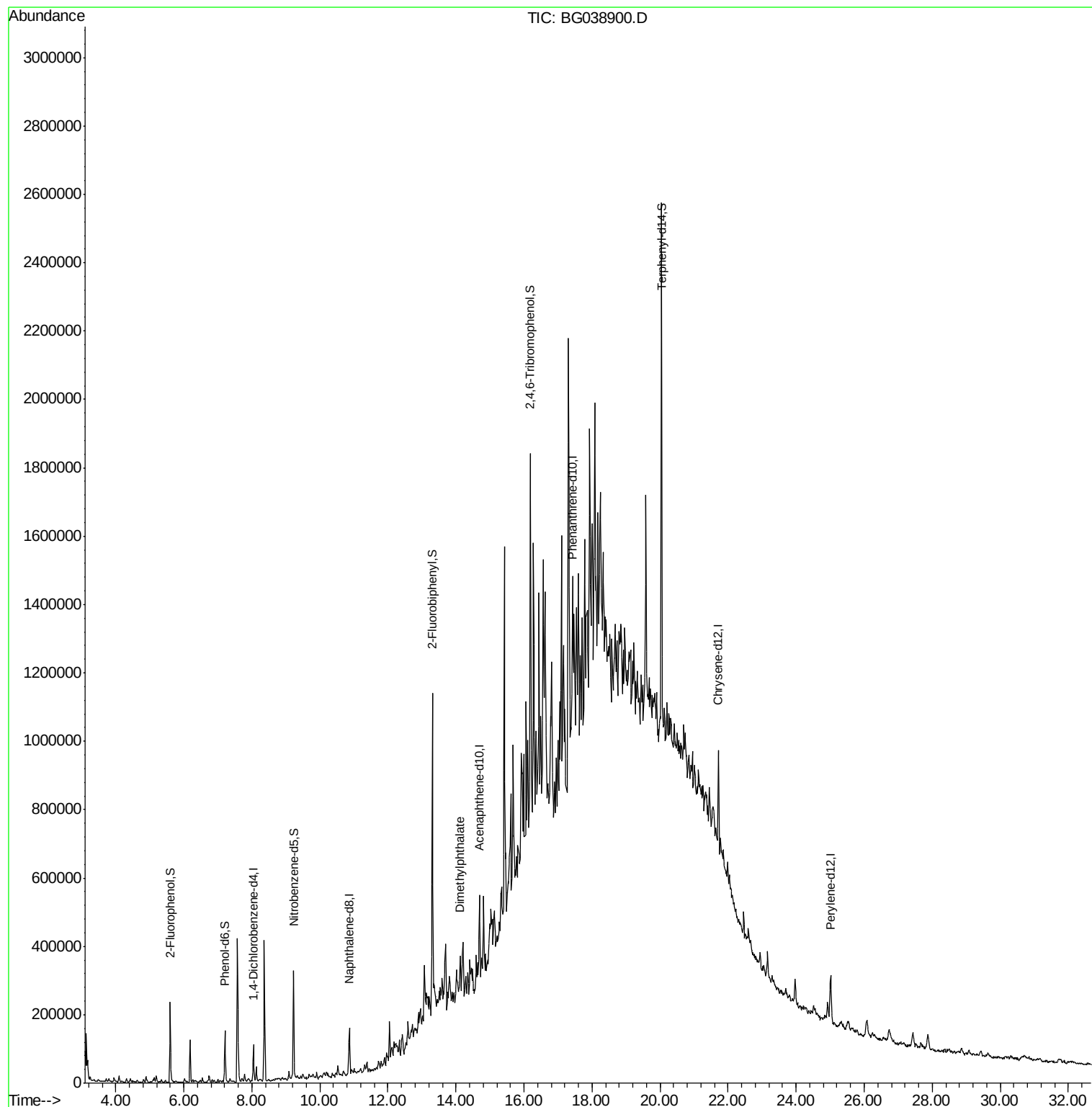
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	29849	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	118127	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	74617	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	161440	20.00	ng	0.00
76) Chrysene-d12	21.72	240	172050	20.00	ng	0.00
87) Perylene-d12	25.01	264	177650	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	105834	62.89	ng	0.00
7) Phenol-d6	7.21	99	89549	38.76	ng	0.00
23) Nitrobenzene-d5	9.23	82	187206	80.96	ng	-0.02
42) 2,4,6-Tribromophenol	16.19	330	156325	152.01	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	482460	88.70	ng	0.00
79) Terphenyl-d14	20.04	244	730200	92.37	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.13	163	29513	4.843	ng	Qvalue 98

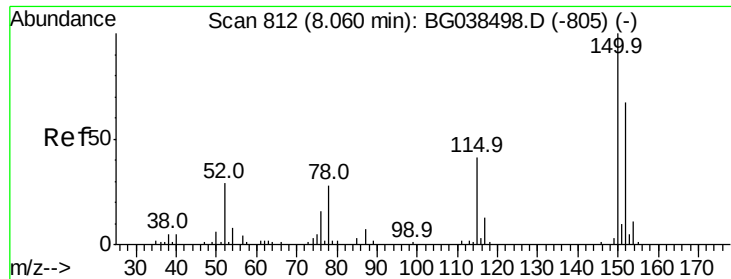
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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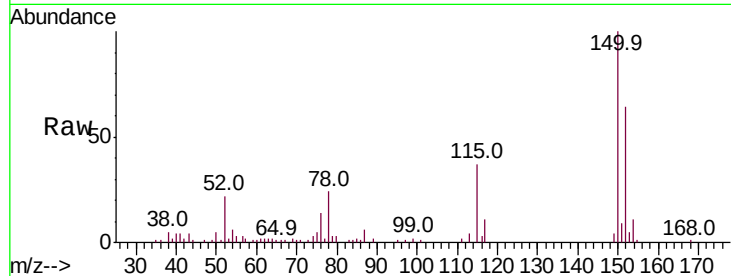


#1

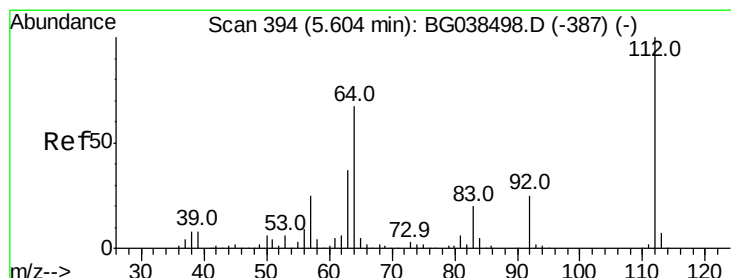
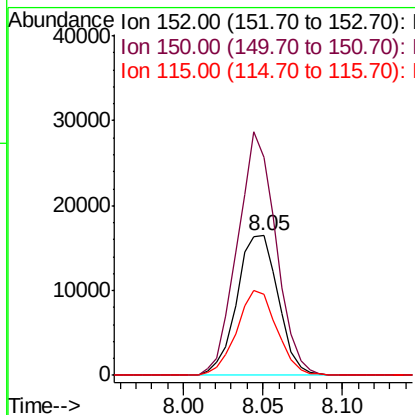
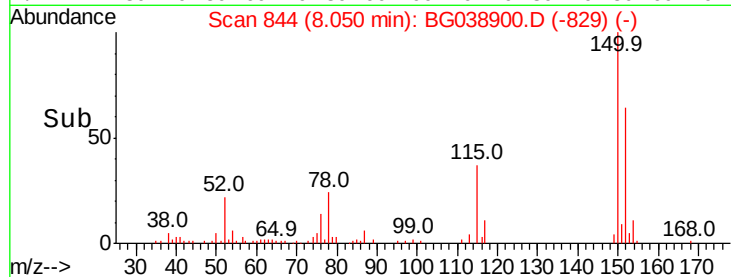
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038900.D
Acq: 2 Jan 2019 20:13

Instrument :
BNA_G
ClientSampleId :
WC-20181227

Tot Ion:152 Resp: 29849
Ion Ratio Lower Upper
152 100
150 156.2 119.5 179.3
115 58.3 49.6 74.4



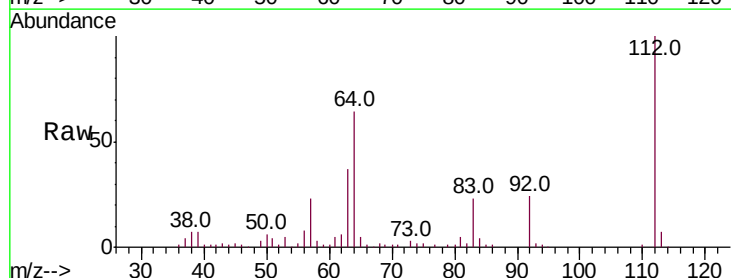
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



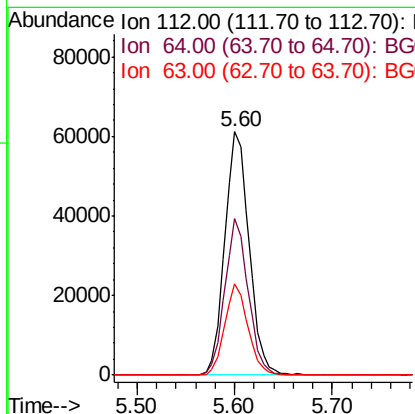
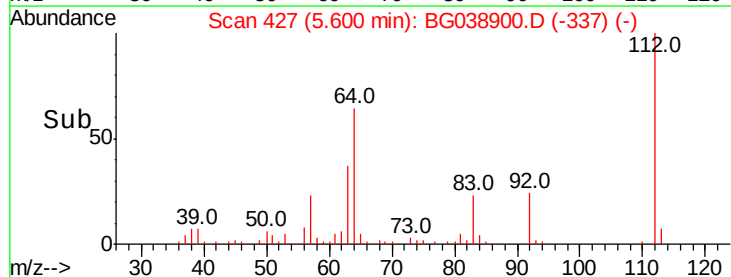
#5

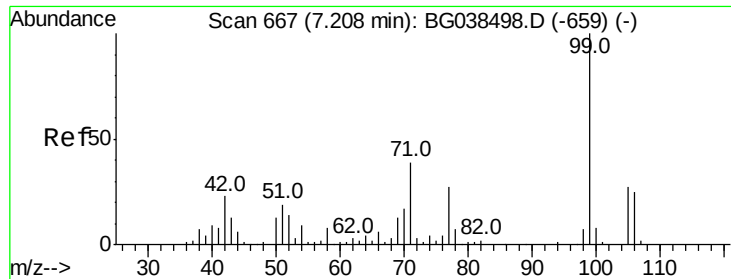
2-Fluorophenol
Concen: 62.887 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.00 min
Lab File: BG038900.D
Acq: 2 Jan 2019 20:13

Tgt Ion:112 Resp: 105834
Ion Ratio Lower Upper
112 100
64 64.3 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): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 38.761 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038900.D

Acq: 2 Jan 2019 20:13

Instrument :

BNA_G

ClientSampleId :

WC-20181227

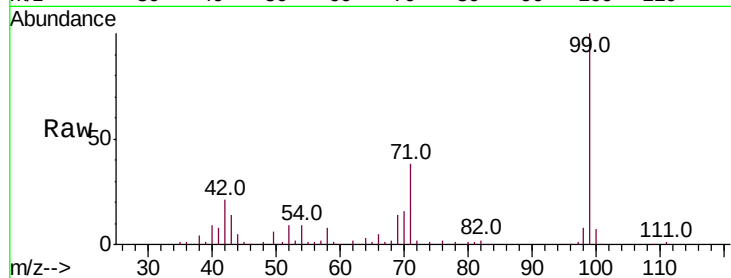
Tot Ion: 99 Resp: 89549

Ion Ratio Lower Upper

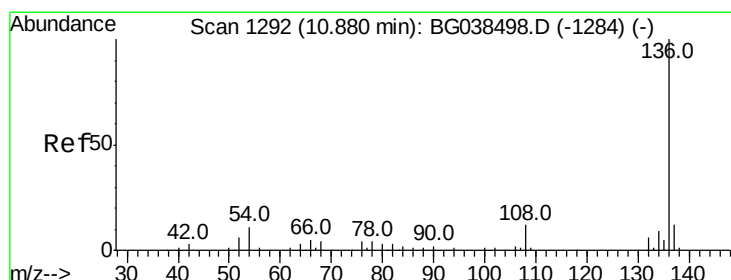
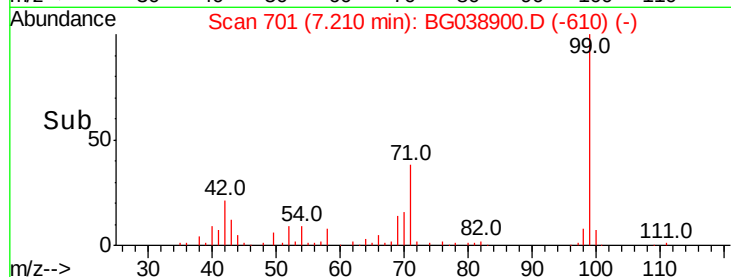
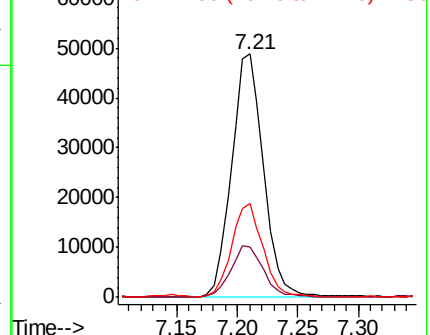
99 100

42 20.8 18.5 27.7

71 38.5 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: BG038900.D

Acq: 2 Jan 2019 20:13

Tgt Ion: 136 Resp: 118127

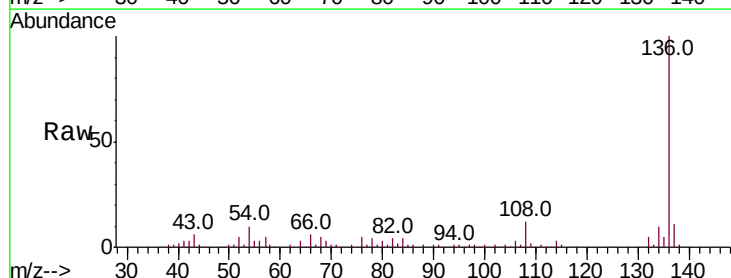
Ion Ratio Lower Upper

136 100

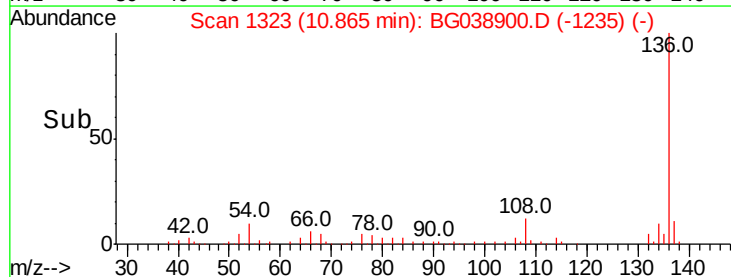
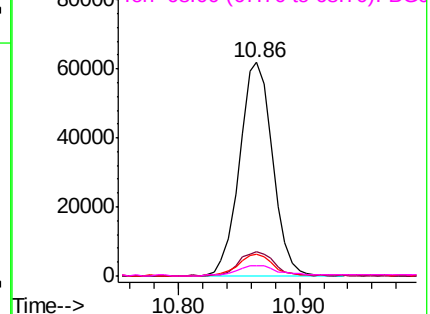
137 11.2 9.3 13.9

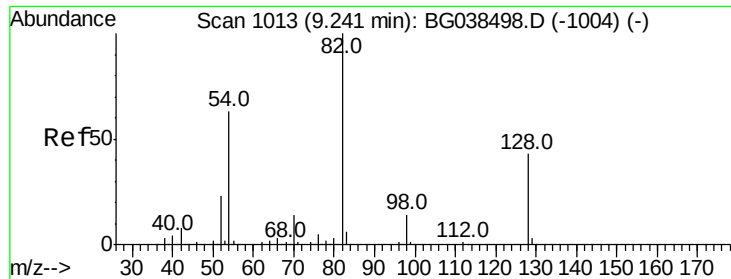
54 10.1 8.5 12.7

68 5.0 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

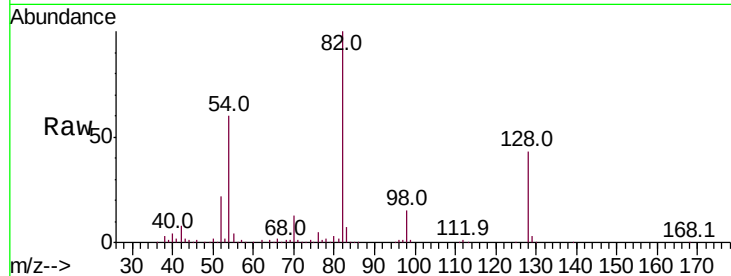




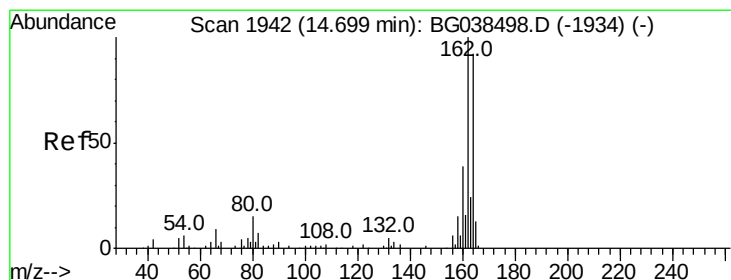
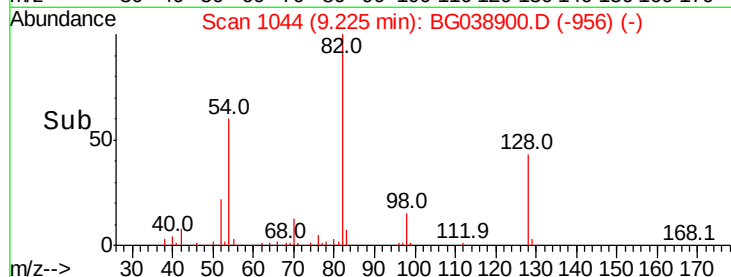
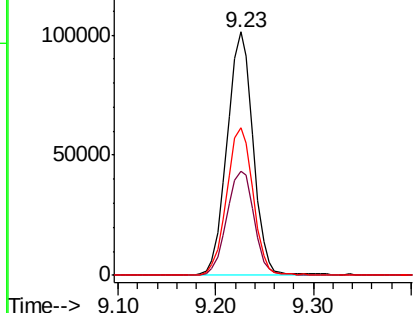
#23
 Nitrobenzene-d5
 Concen: 80.962 ng
 RT: 9.23 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG038900.D
 Acq: 2 Jan 2019 20:13

Instrument :
 BNA_G
 ClientSampleId :
 WC-20181227

Tot Ion: 82 Resp: 187206
 Ion Ratio Lower Upper
 82 100
 128 42.6 34.6 52.0
 54 60.5 50.6 76.0

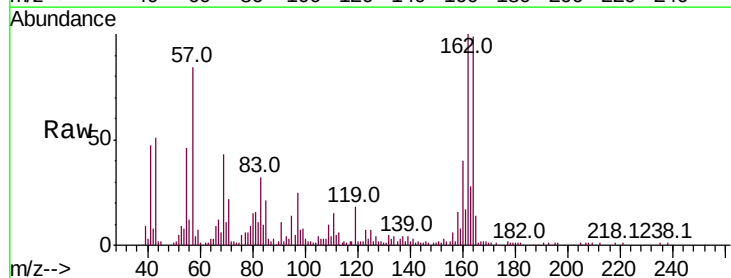


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

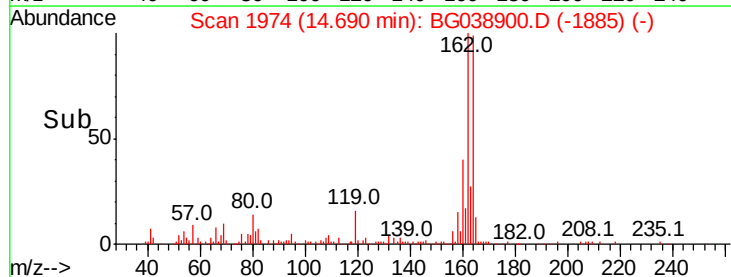
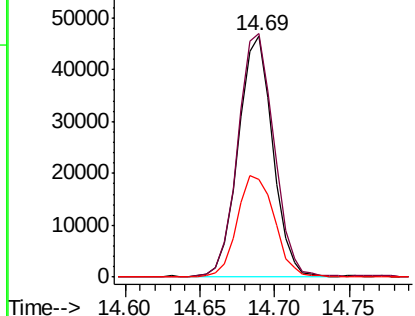


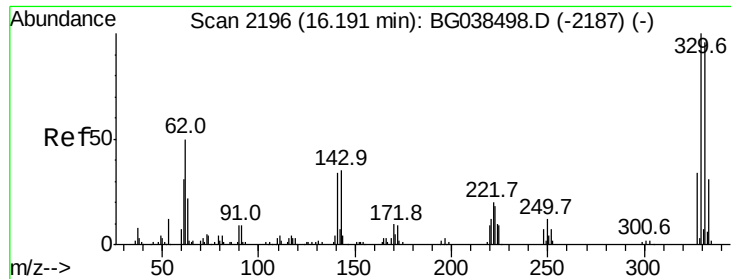
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BG038900.D
 Acq: 2 Jan 2019 20:13

Tgt Ion:164 Resp: 74617
 Ion Ratio Lower Upper
 164 100
 162 100.8 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: 152.014 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG038900.D

Acq: 2 Jan 2019 20:13

Instrument :

BNA_G

ClientSampleId :

WC-20181227

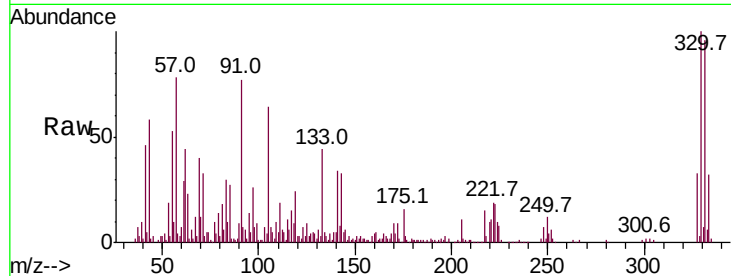
Tot Ion:330 Resp: 156325

Ion Ratio Lower Upper

330 100

332 96.7 76.9 115.3

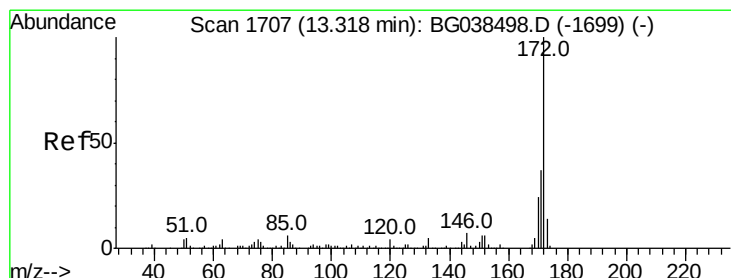
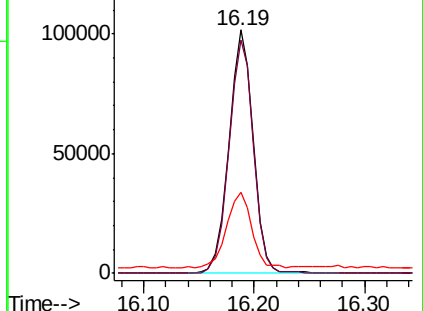
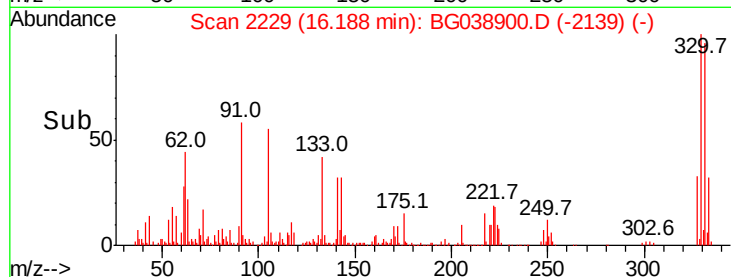
141 31.5 28.8 43.2



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: 88.701 ng

RT: 13.31 min Scan# 1739

Delta R.T. -0.01 min

Lab File: BG038900.D

Acq: 2 Jan 2019 20:13

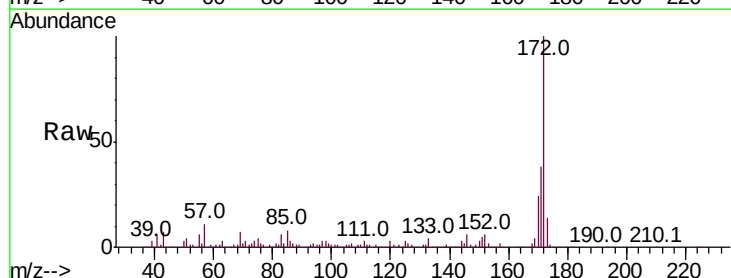
Tgt Ion:172 Resp: 482460

Ion Ratio Lower Upper

172 100

171 37.5 29.8 44.6

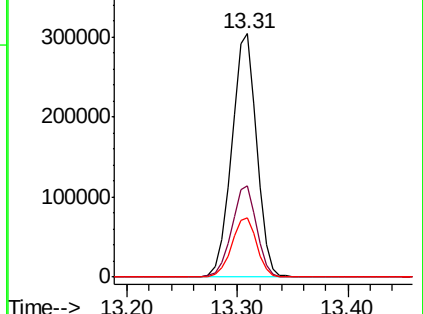
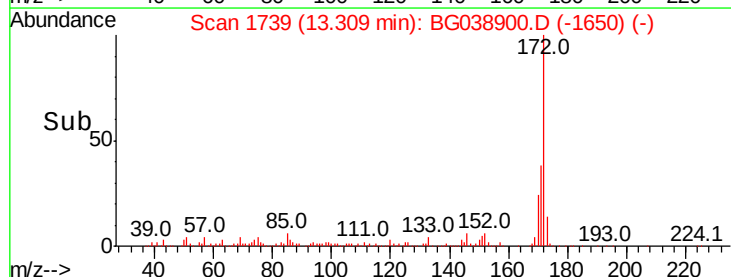
170 24.2 19.5 29.3

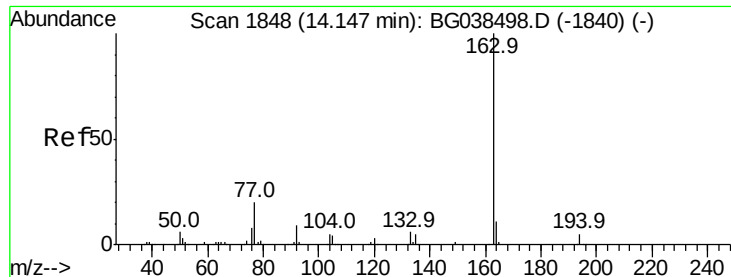


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.843 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG038900.D

Acq: 2 Jan 2019 20:13

Instrument :

BNA_G

ClientSampleId :

WC-20181227

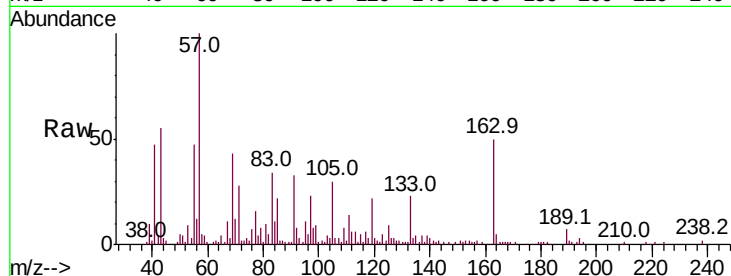
Tot Ion:163 Resp: 29513

Ion Ratio Lower Upper

163 100

194 5.2 3.7 5.5

164 10.1 8.6 12.8

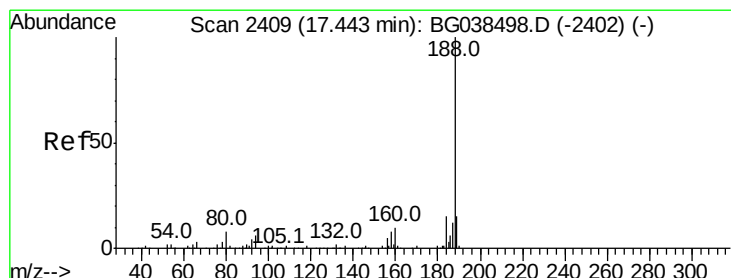
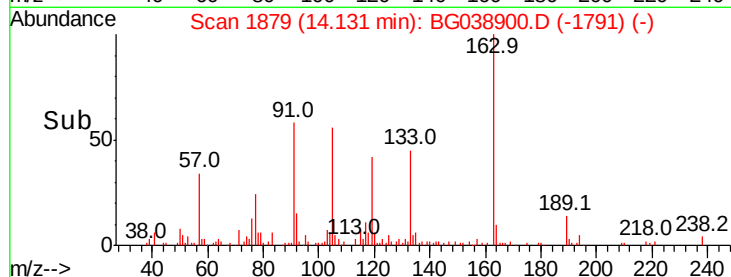
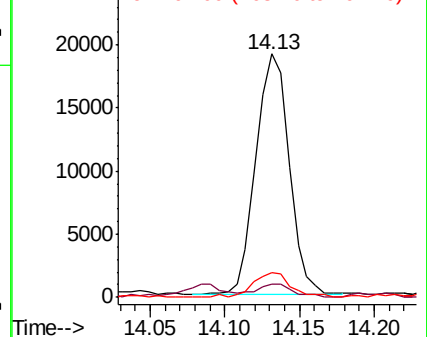


Abundance

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: 17.44 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BG038900.D

Acq: 2 Jan 2019 20:13

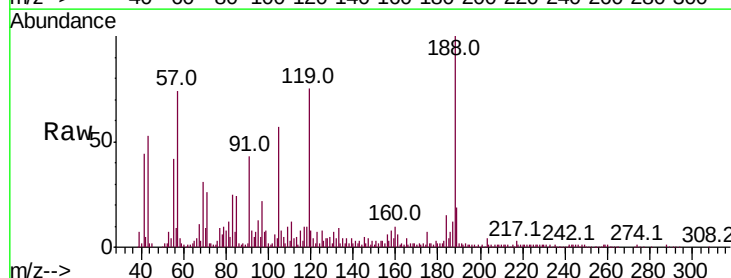
Tgt Ion:188 Resp: 161440

Ion Ratio Lower Upper

188 100

94 6.9 5.1 7.7

80 7.5 6.1 9.1

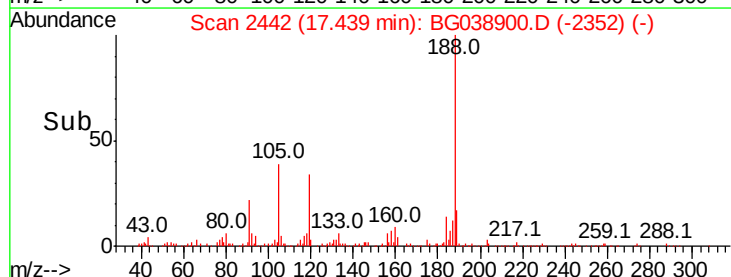
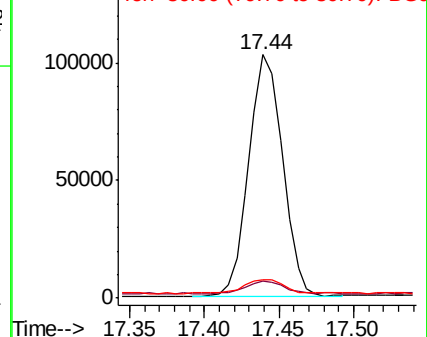


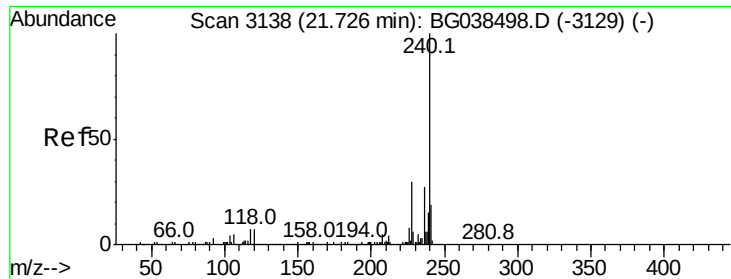
Abundance

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

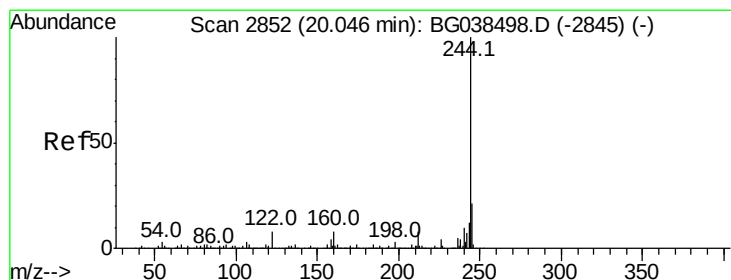
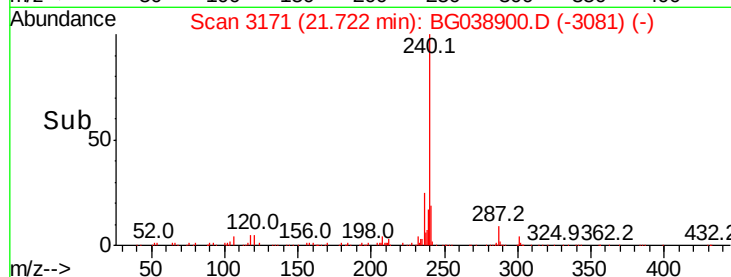
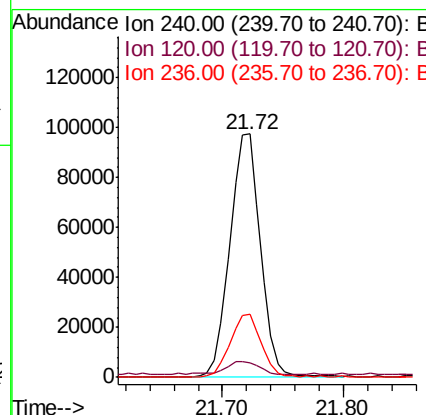
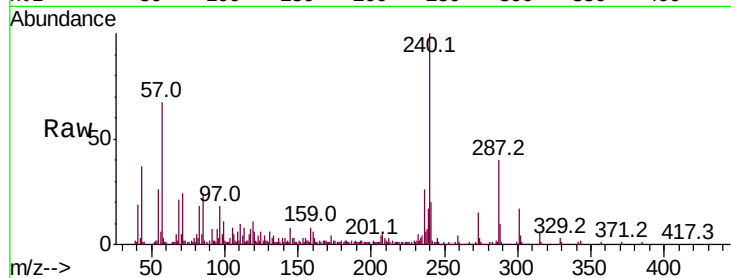




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.00 min
 Lab File: BG038900.D
 Acq: 2 Jan 2019 20:13

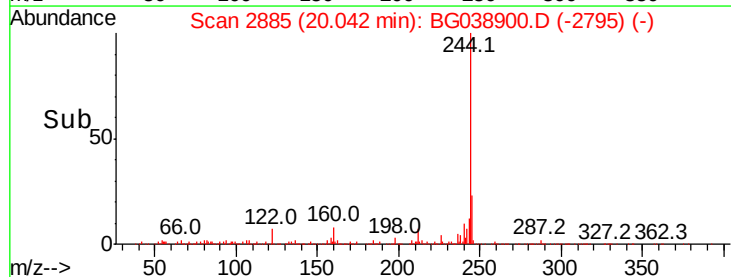
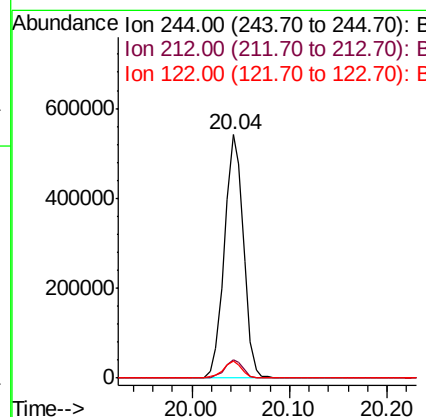
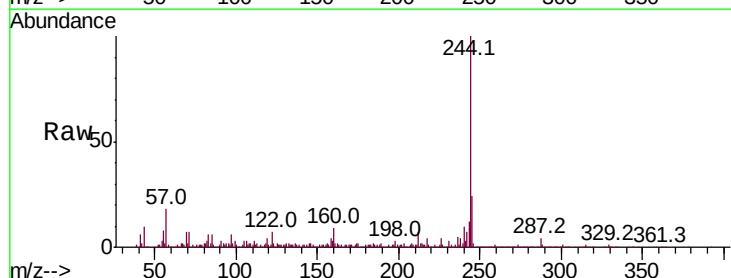
Instrument :
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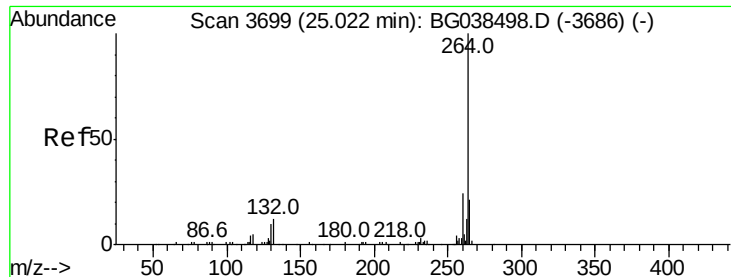
Tot Ion:240 Resp: 172050
 Ion Ratio Lower Upper
 240 100
 120 6.1 5.3 7.9
 236 25.8 21.4 32.2



#79
 Terphenyl-d14
 Concen: 92.366 ng
 RT: 20.04 min Scan# 2885
 Delta R.T. -0.00 min
 Lab File: BG038900.D
 Acq: 2 Jan 2019 20:13

Tgt Ion:244 Resp: 730200
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 6.8 6.3 9.5

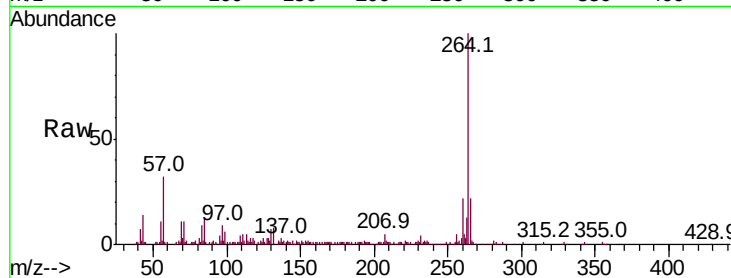




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.01 min
Lab File: BG038900.D
Acq: 2 Jan 2019 20:13

Instrument :
BNA_G
ClientSampleId :
WC-20181227

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	21.9	18.9	28.3	
265	22.3	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

