

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100119\
 Data File : BG042980.D
 Acq On : 1 Oct 2019 23:29
 Operator : JU
 Sample : K4946-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GP-1 (10-12)

Quant Time: Oct 02 01:59:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

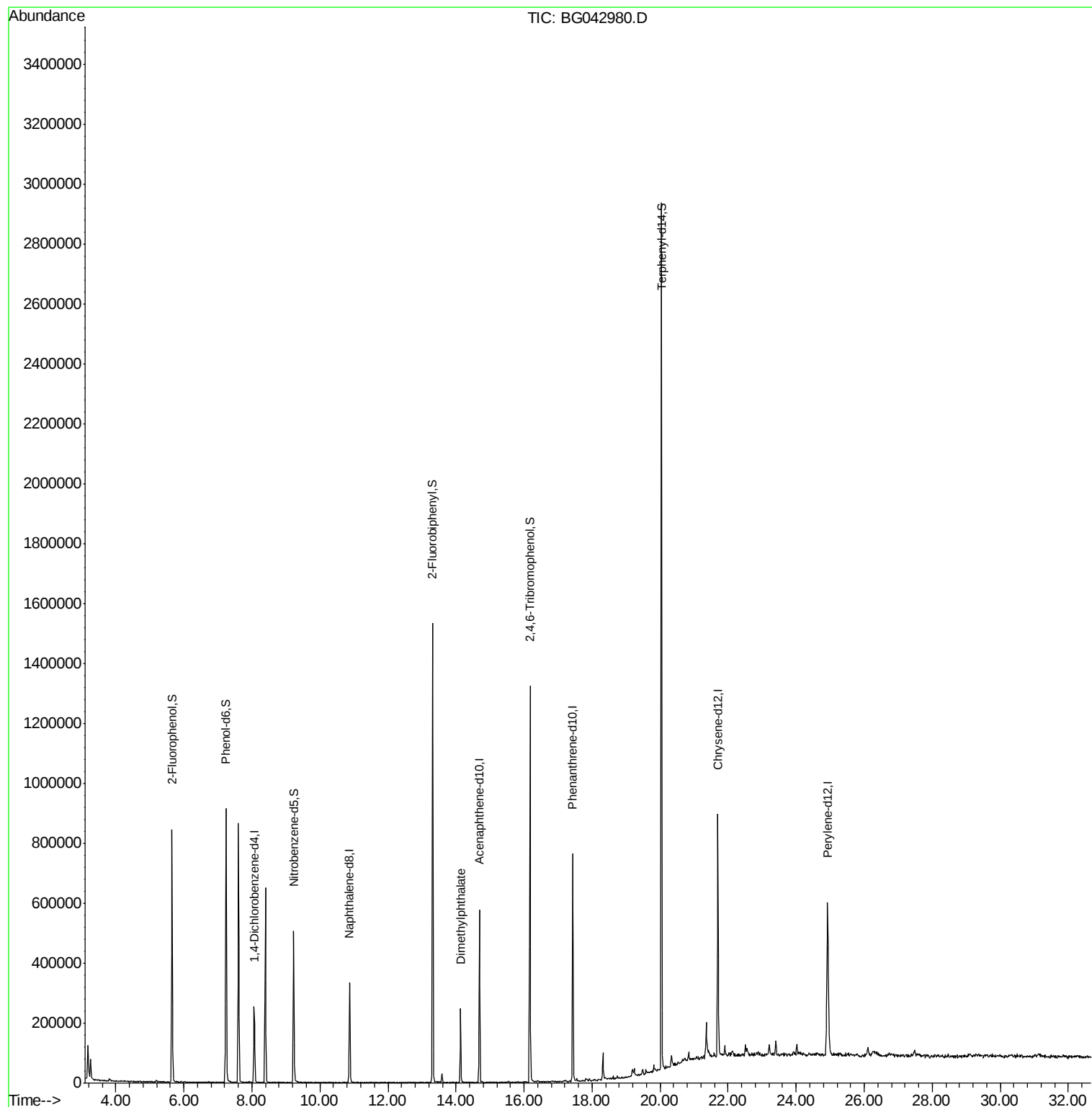
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	77886	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	291910	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	206393	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	482608	20.00	ng	0.00
76) Chrysene-d12	21.70	240	515225	20.00	ng	-0.02
87) Perylene-d12	24.92	264	600670	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	352067	80.67	ng	0.00
7) Phenol-d6	7.24	99	521755	83.02	ng	0.00
23) Nitrobenzene-d5	9.23	82	320894	53.43	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	285581	80.47	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	812194	57.05	ng	-0.01
79) Terphenyl-d14	20.04	244	1453751	60.12	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.14	163	164682	10.649	ng	Qvalue # 98

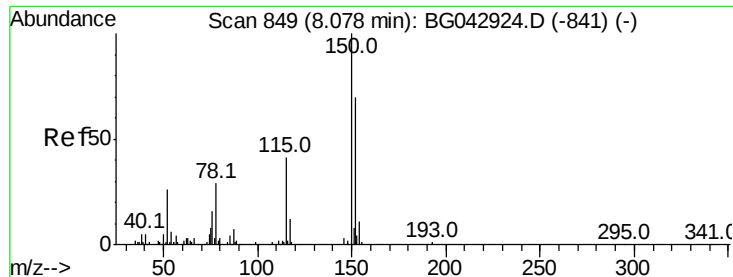
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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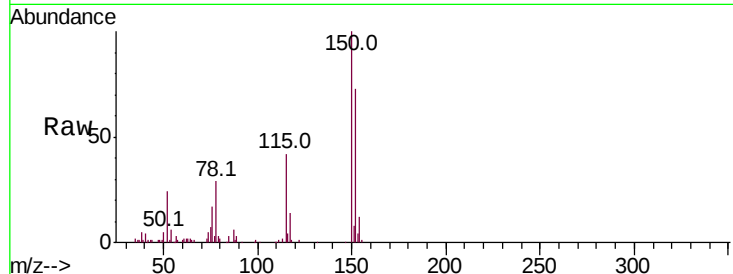


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042980.D
Acq: 1 Oct 2019 23:29

Instrument :
BNA_G
ClientSampleId :
GP-1 (10-12)

Tot Ion	Ratio	Lower	Upper
152	100		
150	137.6	115.0	172.4
115	58.1	47.0	70.6

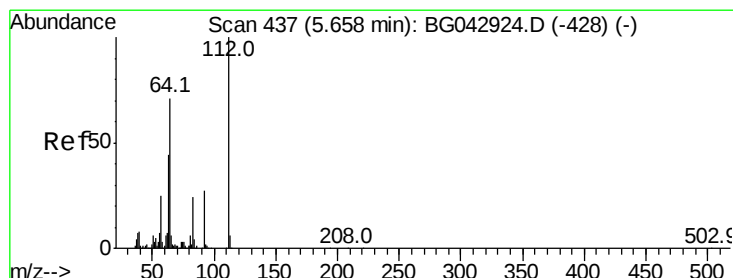
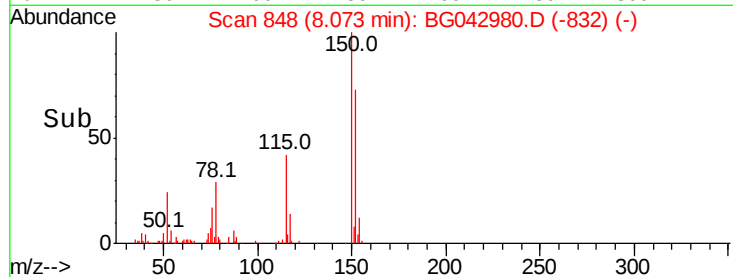
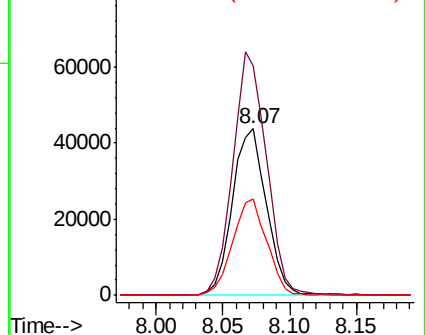


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

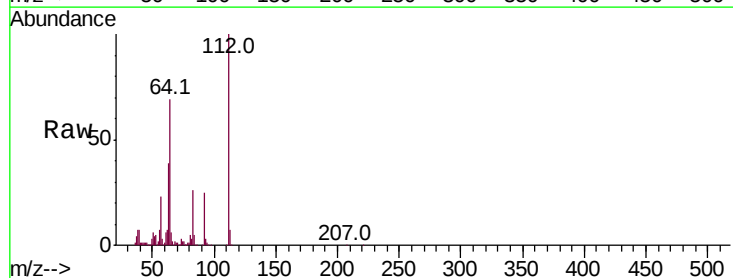
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 80.670 ng
RT: 5.65 min Scan# 436
Delta R.T. -0.01 min
Lab File: BG042980.D
Acq: 1 Oct 2019 23:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.1	56.6	84.8
63	38.6	35.1	52.7

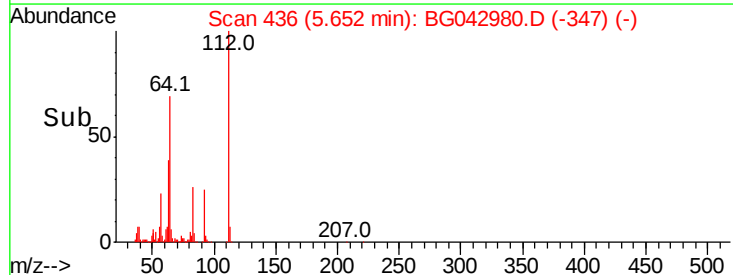
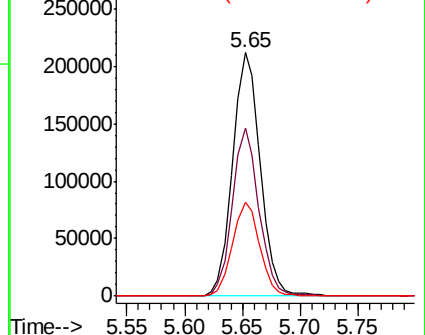


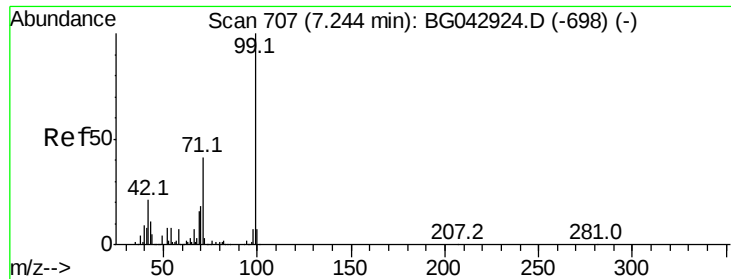
Abundance

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: 83.018 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG042980.D

Acq: 1 Oct 2019 23:29

Instrument :

BNA_G

ClientSampleId :

GP-1 (10-12)

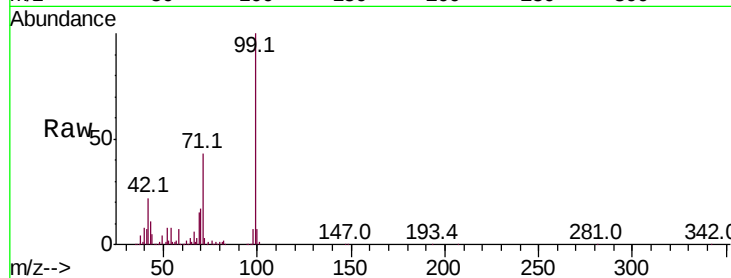
Tot Ion: 99 Resp: 521755

Ion Ratio Lower Upper

99 100

42 21.7 17.2 25.8

71 43.3 33.1 49.7

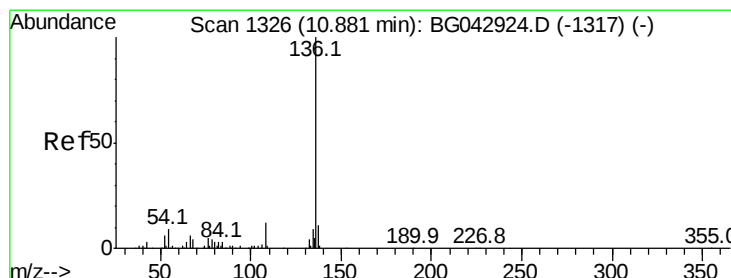
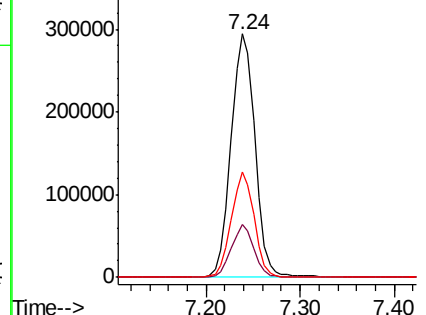
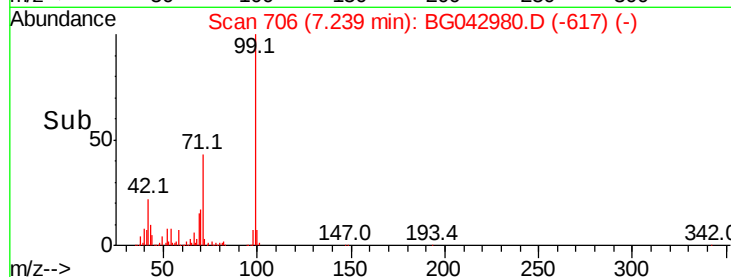


Abundance

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: 10.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG042980.D

Acq: 1 Oct 2019 23:29

Tgt Ion: 136 Resp: 291910

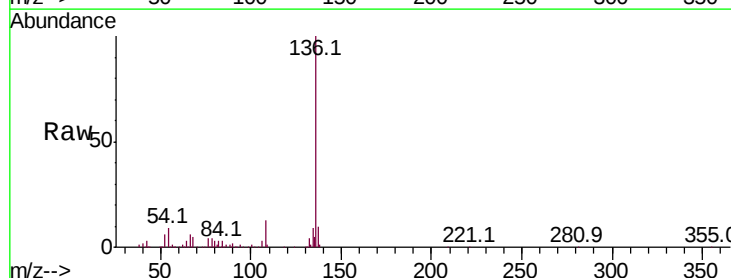
Ion Ratio Lower Upper

136 100

137 10.2 8.5 12.7

54 9.2 7.4 11.2

68 5.3 3.6 5.4



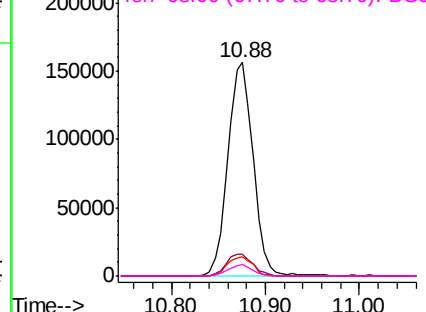
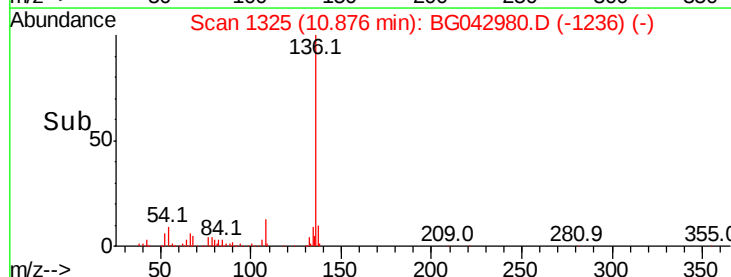
Abundance

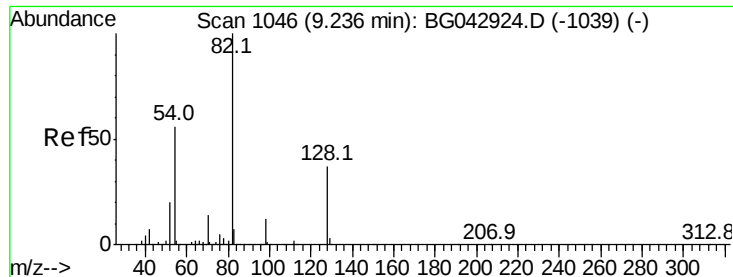
Ion 136.00 (135.70 to 136.70): BGC

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: 53.431 ng

RT: 9.23 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BG042980.D

Acq: 1 Oct 2019 23:29

Instrument :

BNA_G

ClientSampleId :

GP-1 (10-12)

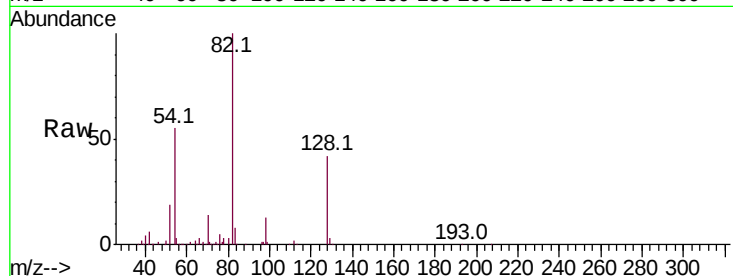
Tot Ion: 82 Resp: 320894

Ion Ratio Lower Upper

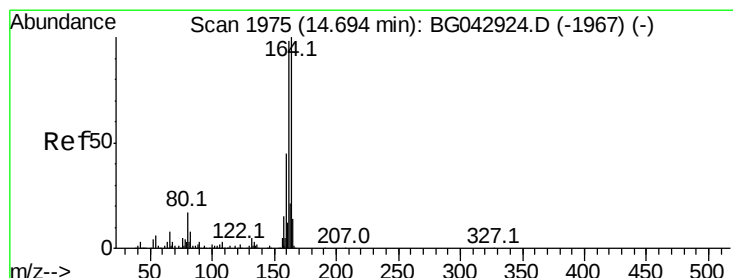
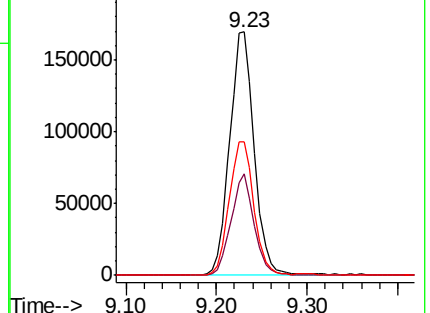
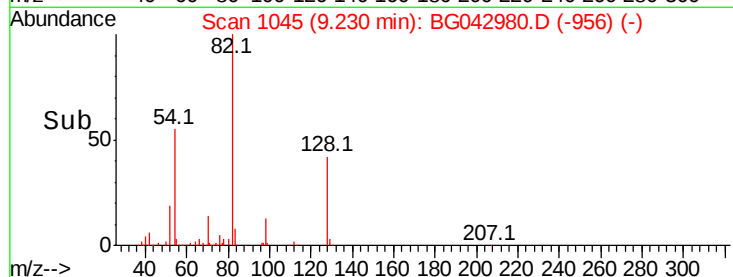
82 100

128 41.6 29.5 44.3

54 54.7 44.6 67.0



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: BG042980.D

Acq: 1 Oct 2019 23:29

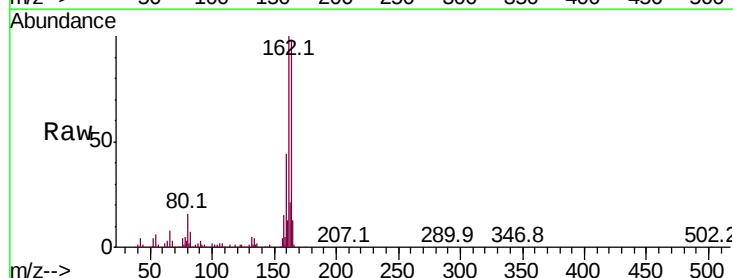
Tgt Ion:164 Resp: 206393

Ion Ratio Lower Upper

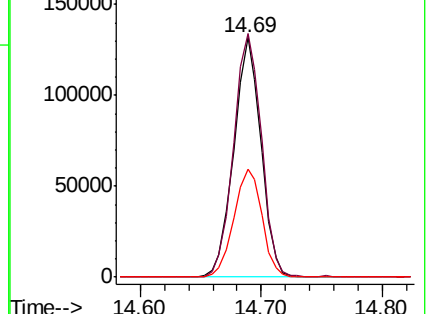
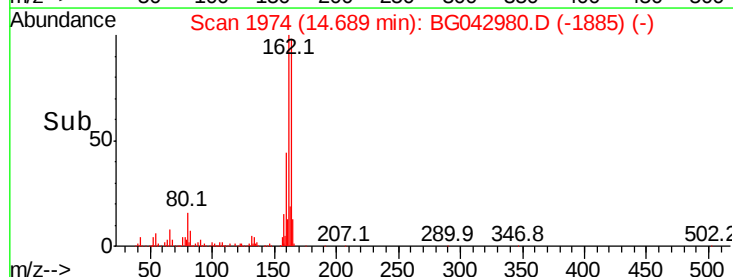
164 100

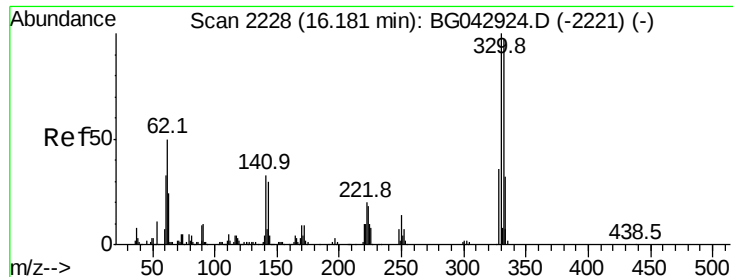
162 101.8 78.5 117.7

160 45.3 35.9 53.9



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

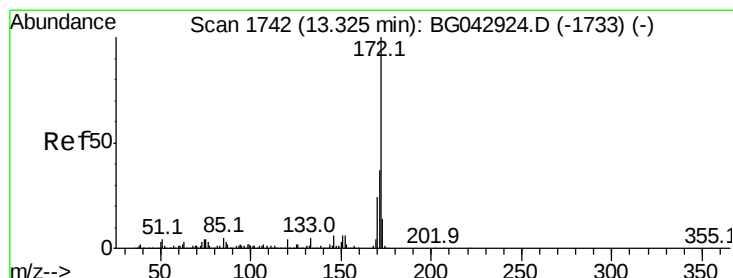
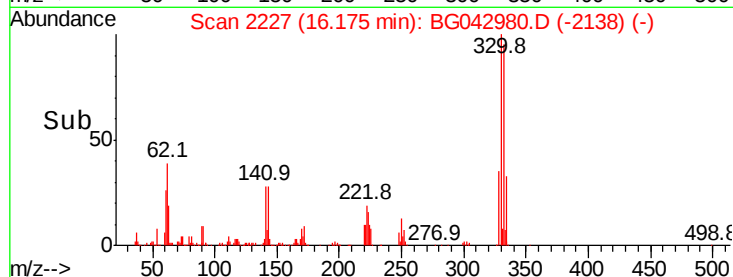
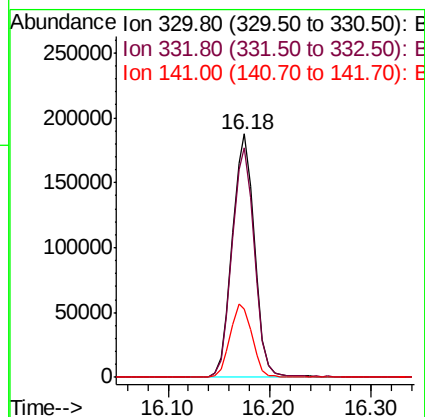
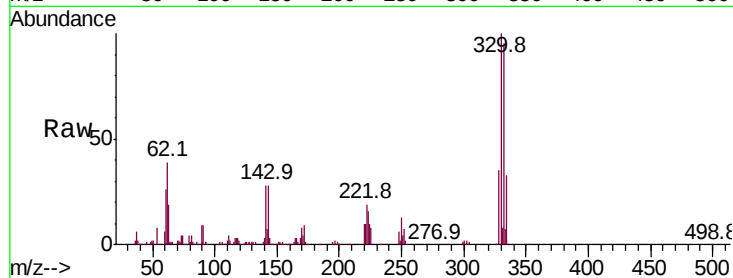




#42
 2,4,6-Tribromophenol
 Concen: 80.467 ng
 RT: 16.18 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BG042980.D
 Acq: 1 Oct 2019 23:29

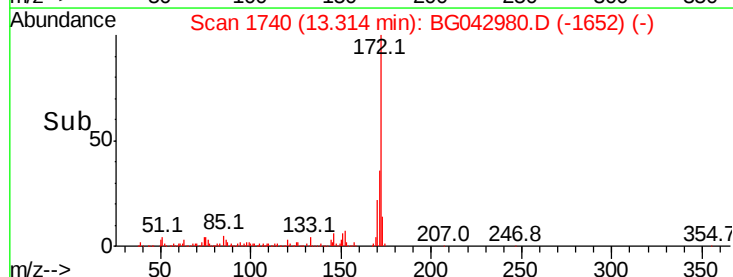
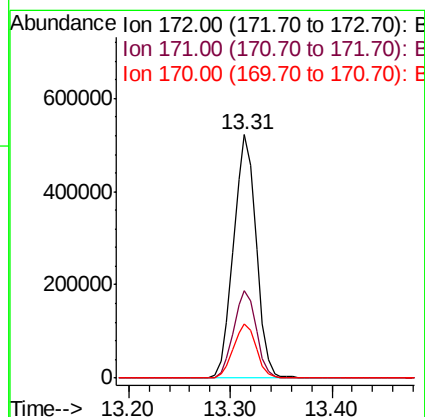
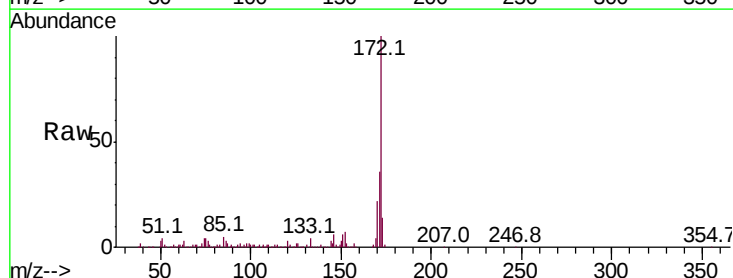
Instrument :
 BNA_G
 ClientSampleId :
 GP-1 (10-12)

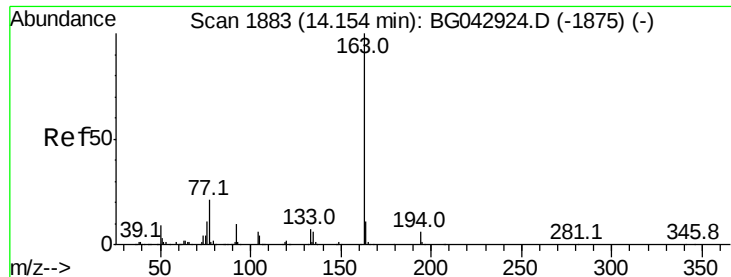
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	78.2	117.2
141	30.1	26.0	39.0



#45
 2-Fluorobiphenyl
 Concen: 57.048 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG042980.D
 Acq: 1 Oct 2019 23:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	22.4	19.6	29.4

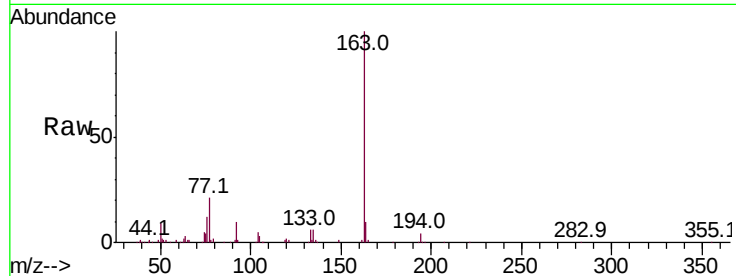




#50
Dimethylphthalate
Concen: 10.649 ng
RT: 14.14 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BG042980.D
Acq: 1 Oct 2019 23:29

Instrument :
BNA_G
ClientSampleId :
GP-1 (10-12)

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	4.4	6.6#
164	10.2	8.6	12.8

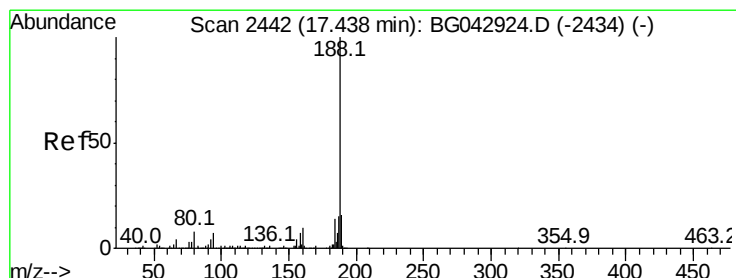
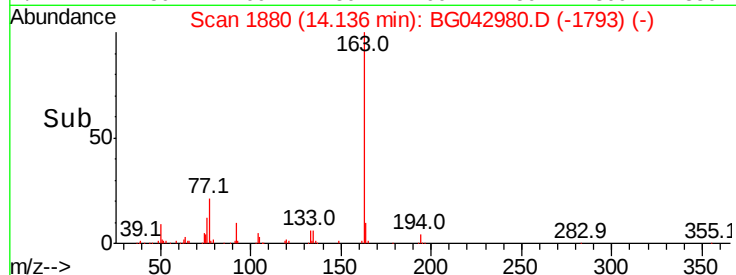
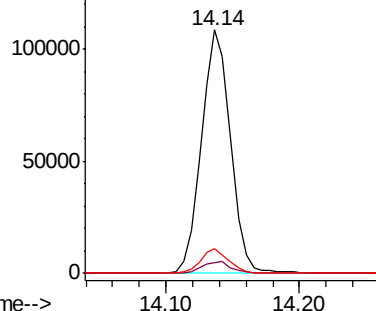


Abundance

Ion 163.00 (162.70 to 163.70): E

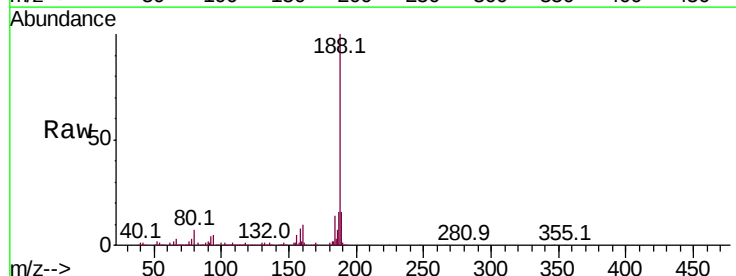
Ion 194.00 (193.70 to 194.70): E

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: BG042980.D
Acq: 1 Oct 2019 23:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.4	5.7	8.5#
80	7.5	6.5	9.7

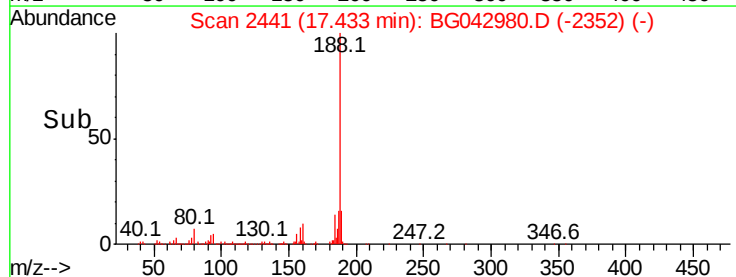
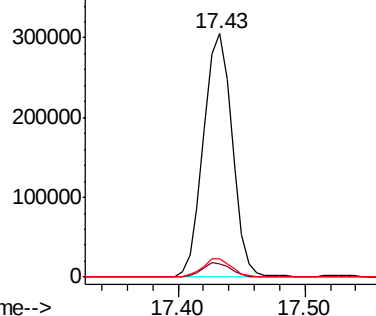


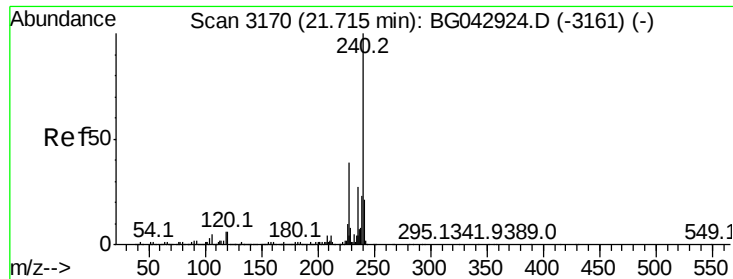
Abundance

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

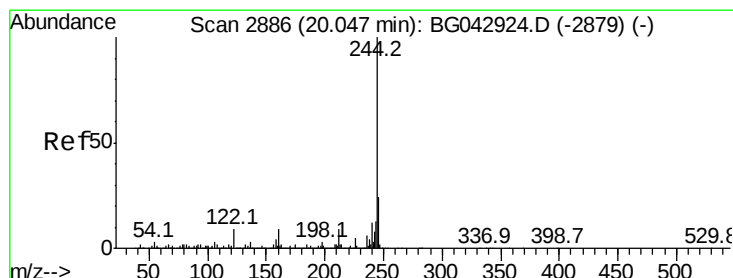
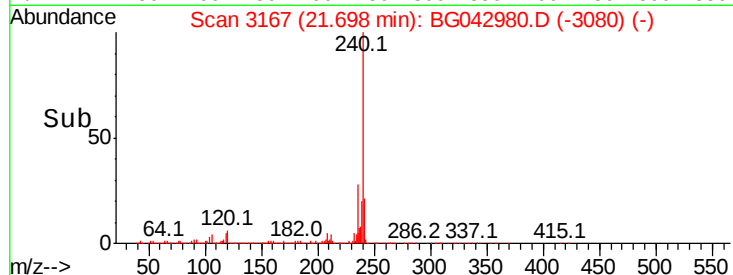
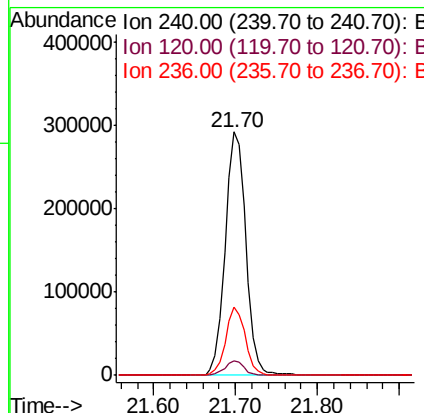
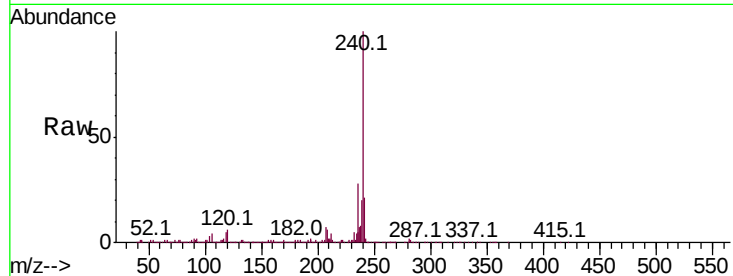




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.02 min
 Lab File: BG042980.D
 Acq: 1 Oct 2019 23:29

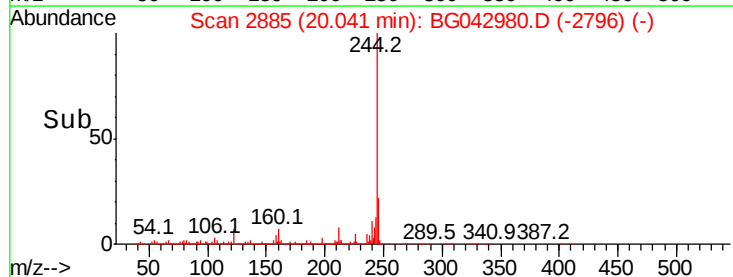
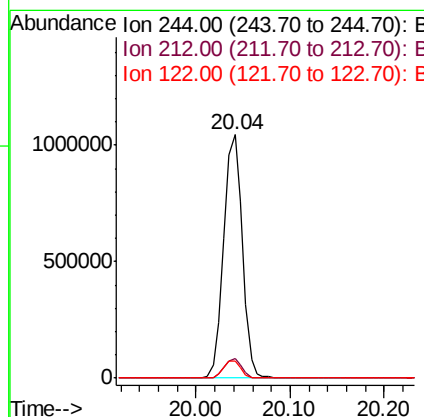
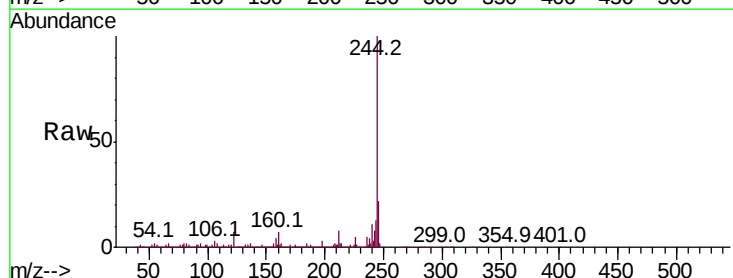
Instrument :
 BNA_G
 ClientSampleId :
 GP-1 (10-12)

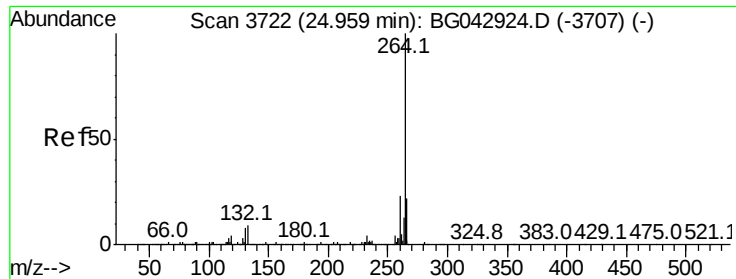
Tot Ion:240 Resp: 515225
 Ion Ratio Lower Upper
 240 100
 120 5.9 4.8 7.2
 236 28.2 21.4 32.0



#79
 Terphenyl-d14
 Concen: 60.125 ng
 RT: 20.04 min Scan# 2885
 Delta R.T. -0.01 min
 Lab File: BG042980.D
 Acq: 1 Oct 2019 23:29

Tgt Ion:244 Resp: 1453751
 Ion Ratio Lower Upper
 244 100
 212 7.9 7.4 11.0
 122 7.2 7.0 10.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.03 min
Lab File: BG042980.D
Acq: 1 Oct 2019 23:29

Instrument :
BNA_G
ClientSampleId :
GP-1 (10-12)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.7	28.1
265	22.3	17.7	26.5

