

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083119\
 Data File : BG042636.D
 Acq On : 31 Aug 2019 15:51
 Operator : HP/JU
 Sample : K4592-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-4A

Quant Time: Aug 31 18:34:59 2019
 Quant Title :
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

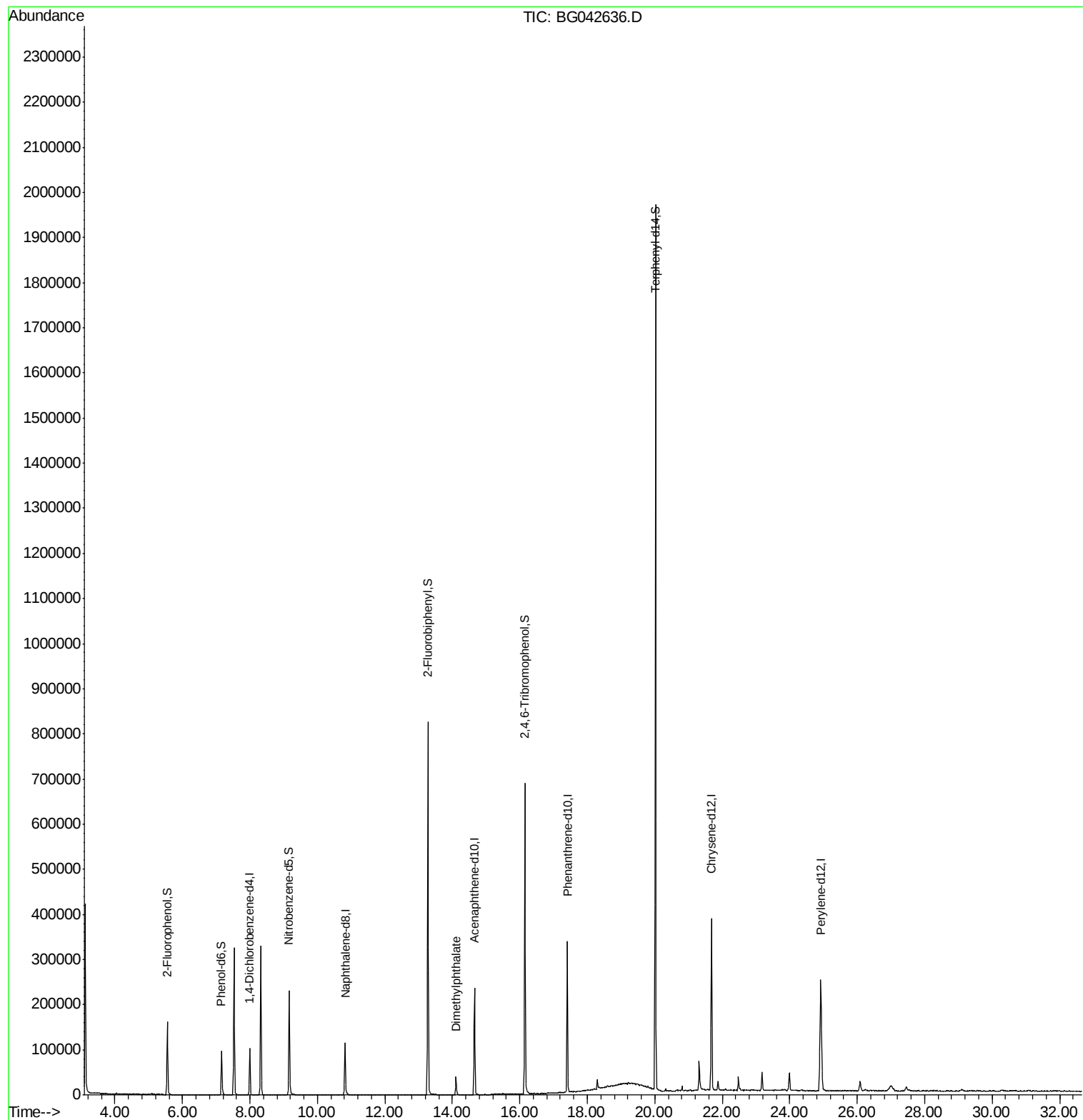
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	34597	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	133285	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	99853	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	235538	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	254562	20.00	ng	-0.01
87) Perylene-d12	24.92	264	298865	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	85361	49.97	ng	-0.01
7) Phenol-d6	7.16	99	68675	29.76	ng	-0.01
23) Nitrobenzene-d5	9.16	82	152252	78.94	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	179655	126.58	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	500124	84.71	ng	0.00
79) Terphenyl-d14	20.02	244	1048461	89.04	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	42892	5.953	ng	Ovalue 99

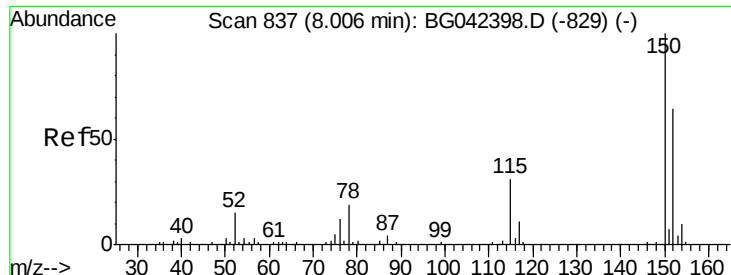
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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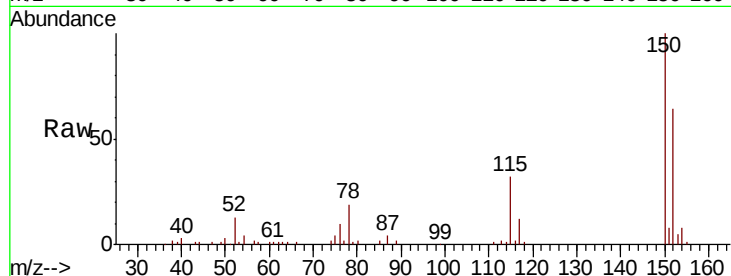


#1

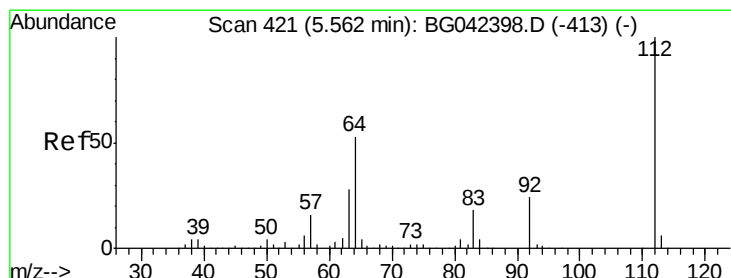
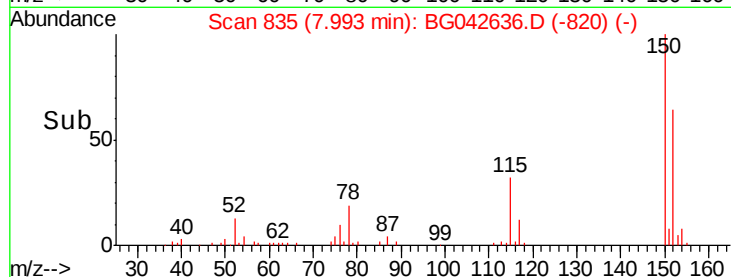
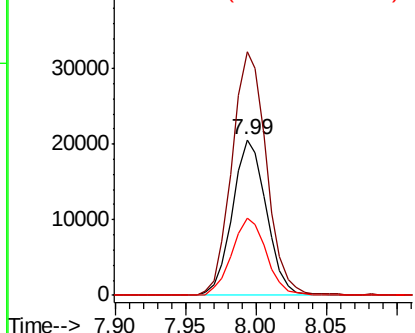
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042636.D
Acq: 31 Aug 2019 15:51

Instrument :
BNA_G
ClientSampleId :
GW-4A

Tot Ion:152 Resp: 34597
Ion Ratio Lower Upper
152 100
150 156.8 125.4 188.0
115 50.1 38.5 57.7



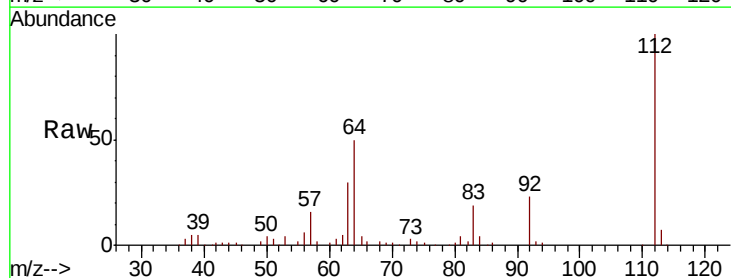
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



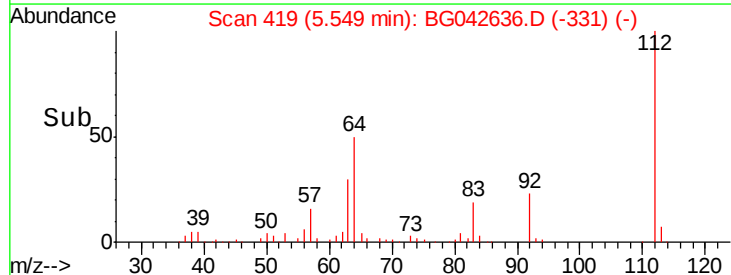
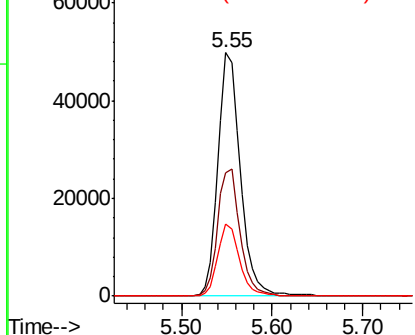
#5

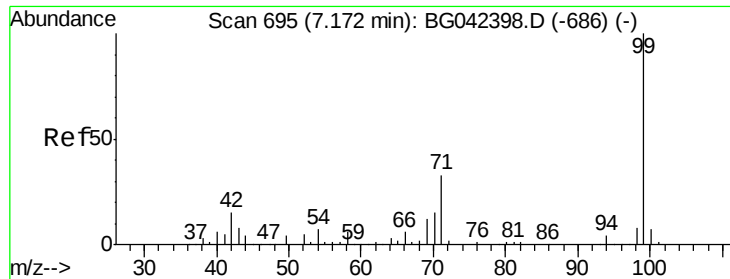
2-Fluorophenol
Concen: 49.970 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG042636.D
Acq: 31 Aug 2019 15:51

Tgt Ion:112 Resp: 85361
Ion Ratio Lower Upper
112 100
64 50.5 42.8 64.2
63 29.8 22.7 34.1



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: 29.762 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042636.D

Acq: 31 Aug 2019 15:51

Instrument :

BNA_G

ClientSampleId :

GW-4A

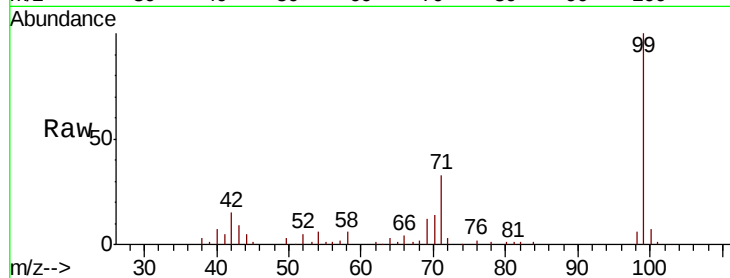
Tot Ion: 99 Resp: 68675

Ion Ratio Lower Upper

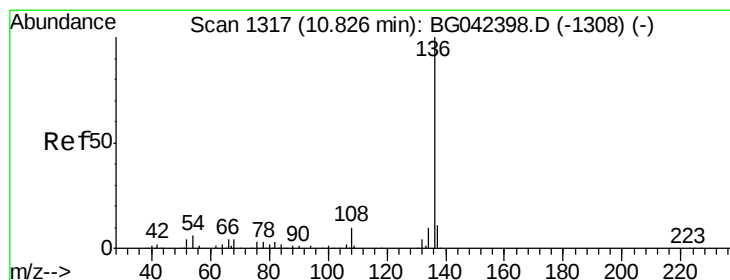
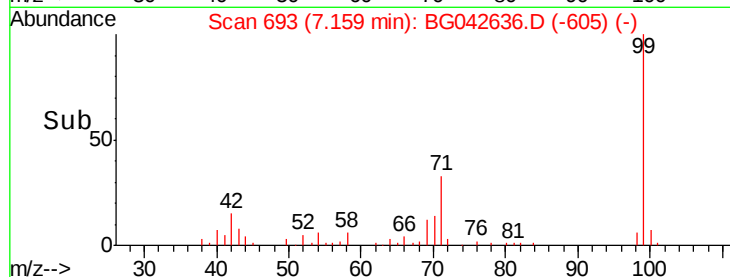
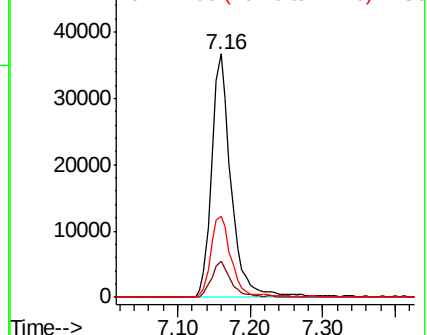
99 100

42 14.7 12.0 18.0

71 33.3 26.3 39.5



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: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG042636.D

Acq: 31 Aug 2019 15:51

Tgt Ion: 136 Resp: 133285

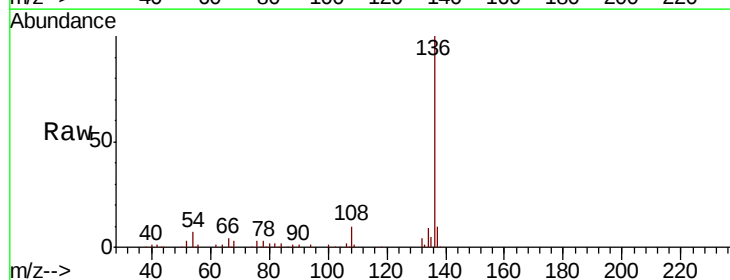
Ion Ratio Lower Upper

136 100

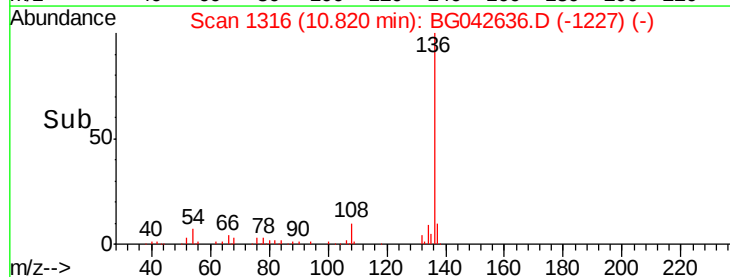
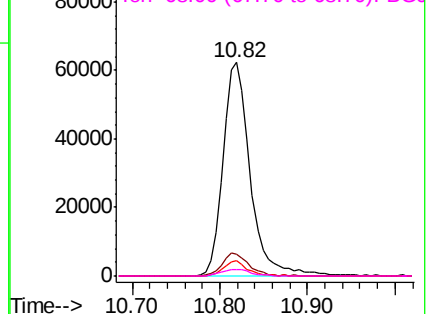
137 10.1 8.7 13.1

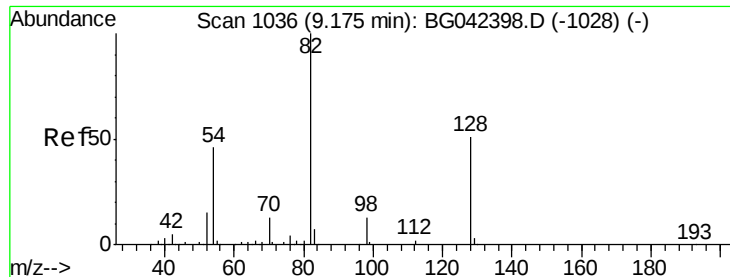
54 7.0 4.9 7.3

68 3.3 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

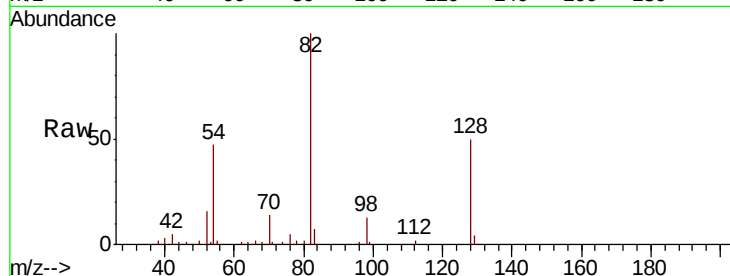




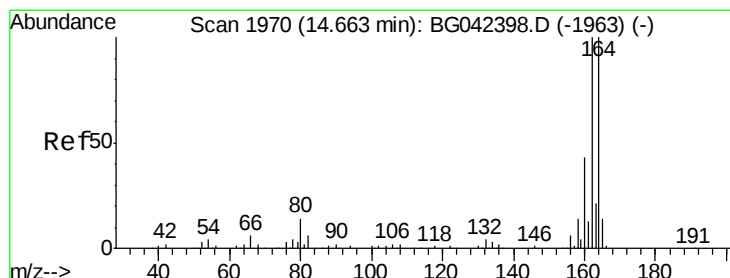
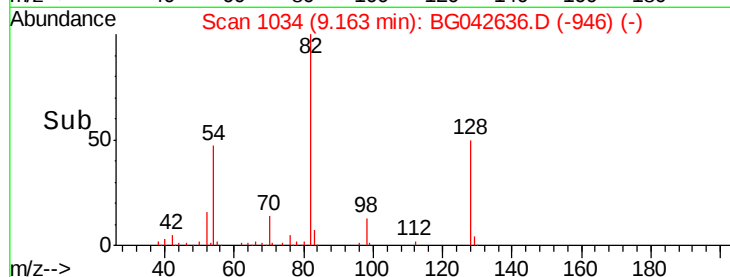
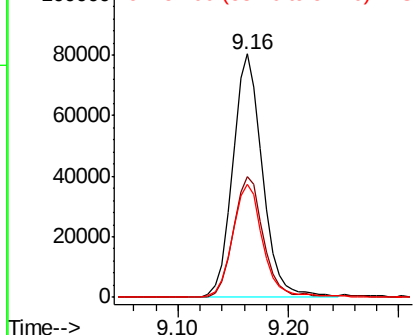
#23
 Nitrobenzene-d5
 Concen: 78.938 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042636.D
 Acq: 31 Aug 2019 15:51

Instrument :
 BNA_G
 ClientSampled :
 GW-4A

Tot Ion: 82 Resp: 152252
 Ion Ratio Lower Upper
 82 100
 128 49.7 40.7 61.1
 54 46.6 36.3 54.5

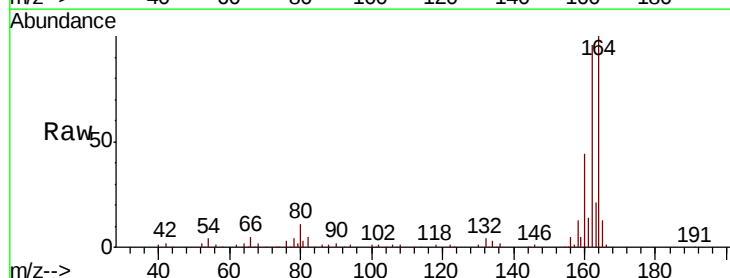


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

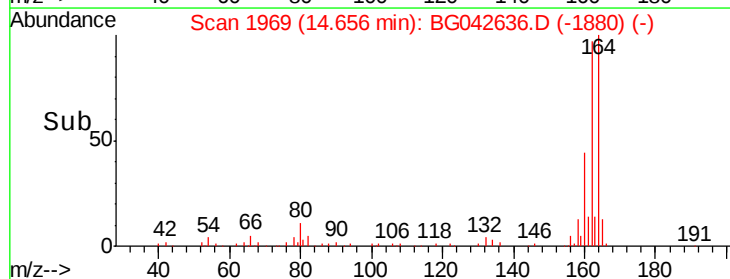
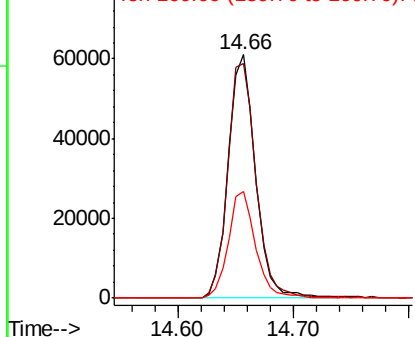


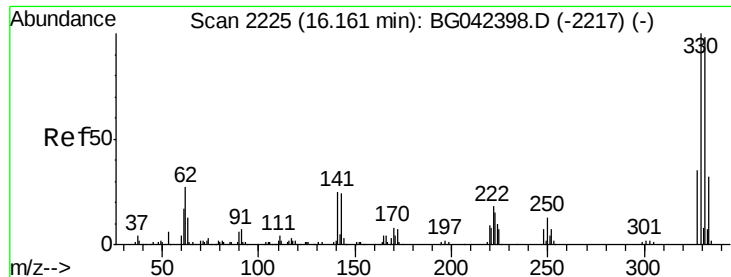
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG042636.D
 Acq: 31 Aug 2019 15:51

Tgt Ion:164 Resp: 99853
 Ion Ratio Lower Upper
 164 100
 162 96.3 79.9 119.9
 160 43.8 34.3 51.5



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: 126.585 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042636.D

Acq: 31 Aug 2019 15:51

Instrument :

BNA_G

ClientSampleId :

GW-4A

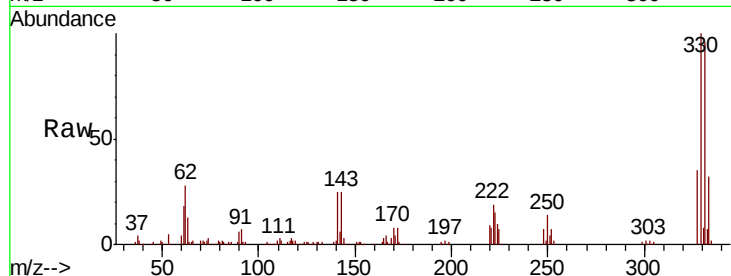
Tot Ion:330 Resp: 179655

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.0

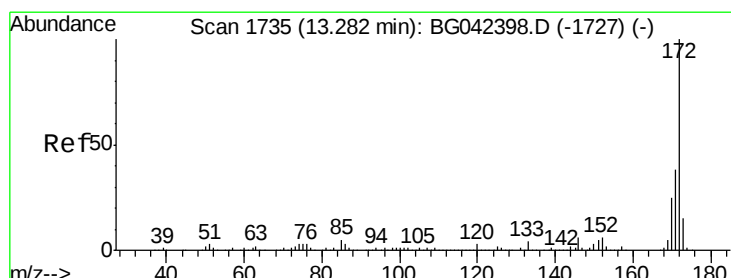
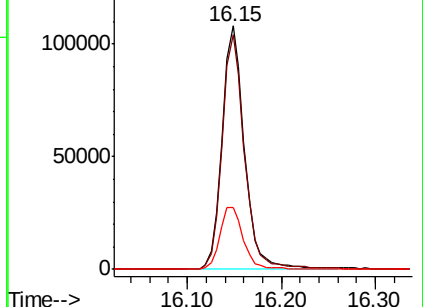
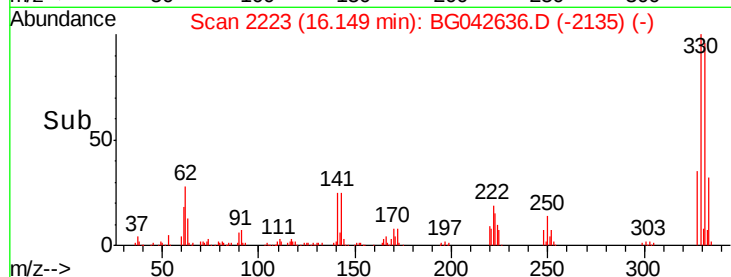
141 26.9 21.4 32.0



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: 84.710 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BG042636.D

Acq: 31 Aug 2019 15:51

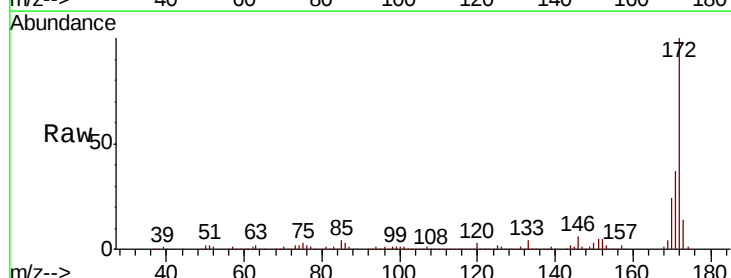
Tgt Ion:172 Resp: 500124

Ion Ratio Lower Upper

172 100

171 37.2 30.5 45.7

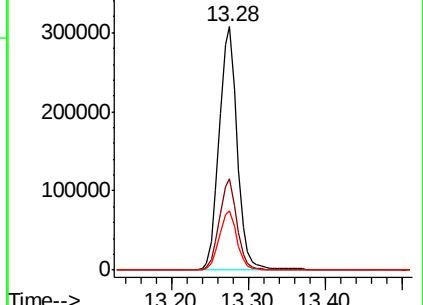
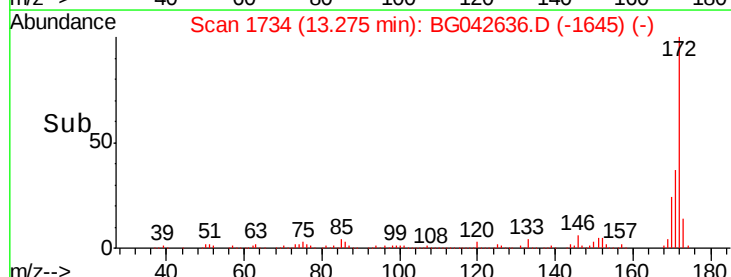
170 24.4 20.2 30.2

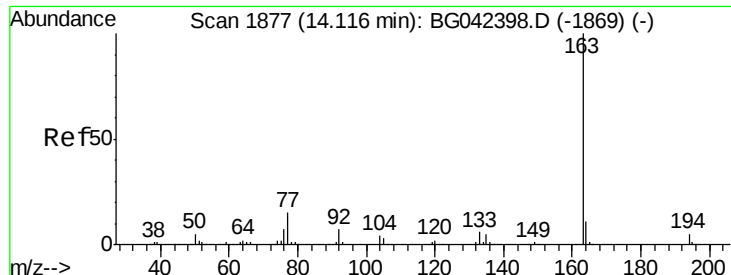


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

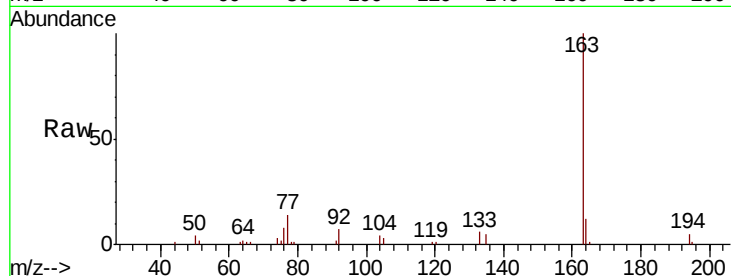




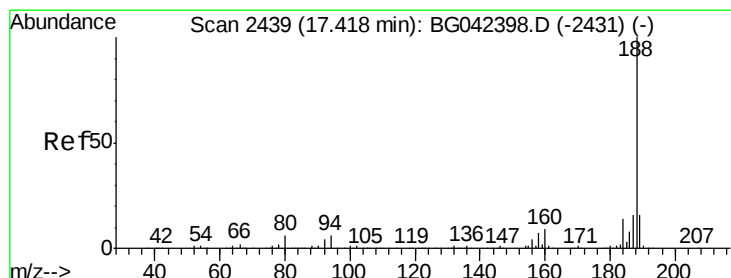
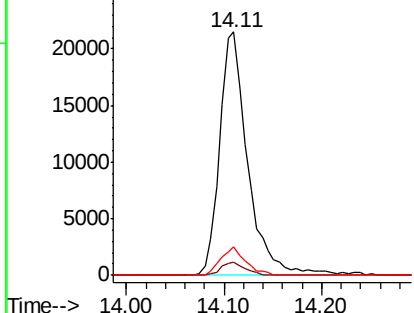
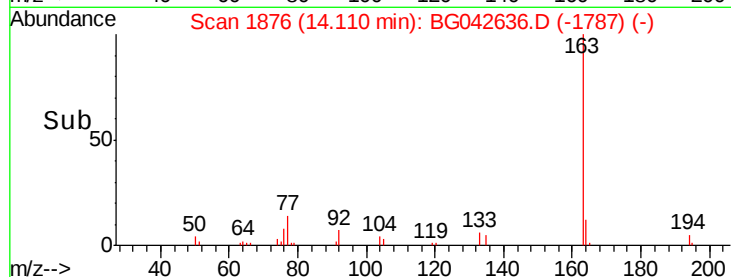
#50
Dimethylphthalate
Concen: 5.953 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG042636.D
Acq: 31 Aug 2019 15:51

Instrument :
BNA_G
ClientSampleId :
GW-4A

Tot Ion:163 Resp: 42892
Ion Ratio Lower Upper
163 100
194 5.4 4.2 6.2
164 11.5 8.8 13.2

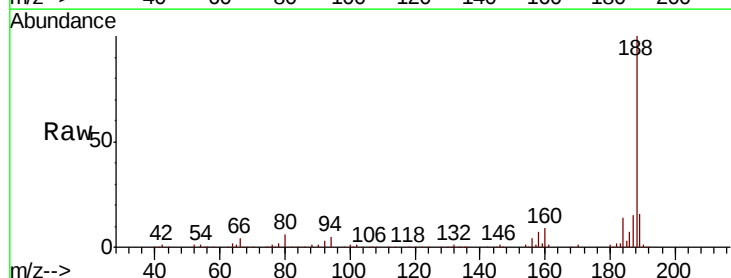


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

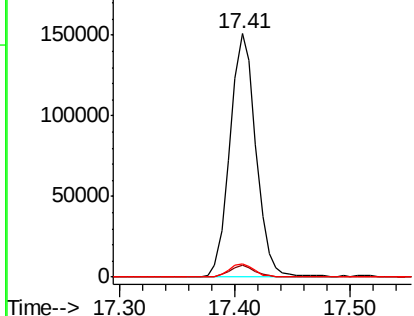
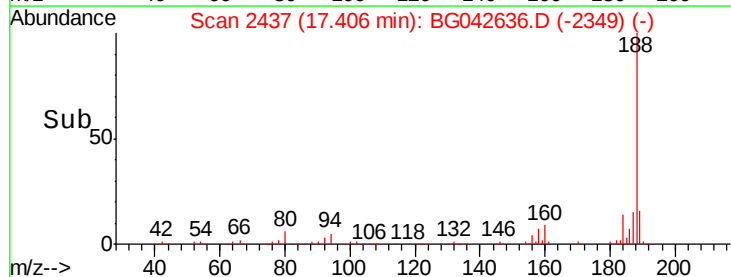


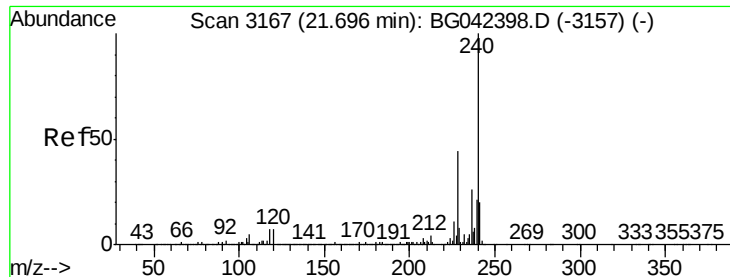
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042636.D
Acq: 31 Aug 2019 15:51

Tgt Ion:188 Resp: 235538
Ion Ratio Lower Upper
188 100
94 4.8 4.5 6.7
80 5.5 4.9 7.3



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

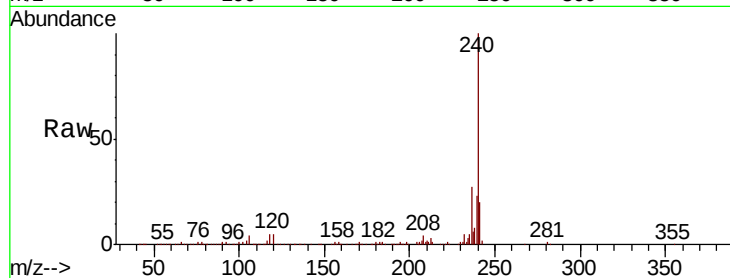




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.01 min
 Lab File: BG042636.D
 Acq: 31 Aug 2019 15:51

Instrument :
 BNA_G
 ClientSampleId :
 GW-4A

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.3	5.7	8.5#
236	26.6	21.0	31.4

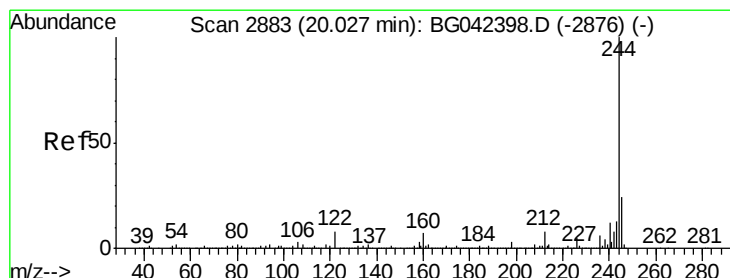
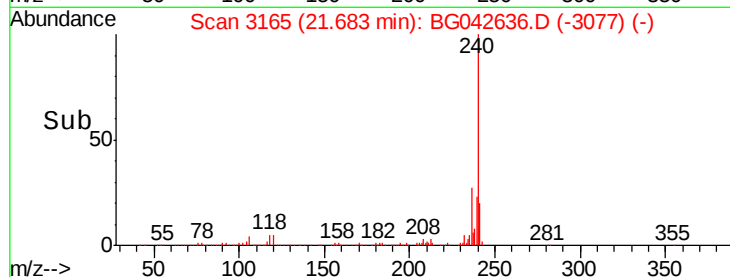
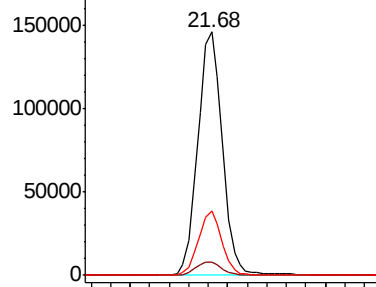


Abundance

Ion 240.00 (239.70 to 240.70): E

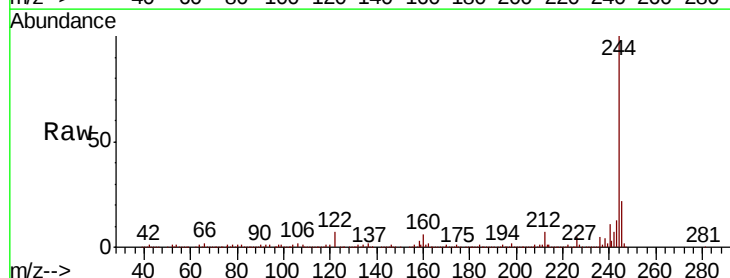
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79
 Terphenyl-d14
 Concen: 89.043 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.01 min
 Lab File: BG042636.D
 Acq: 31 Aug 2019 15:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	7.0	6.7	10.1

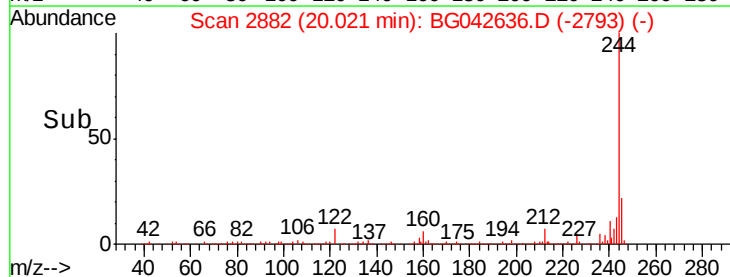
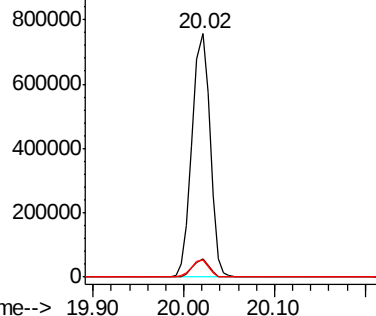


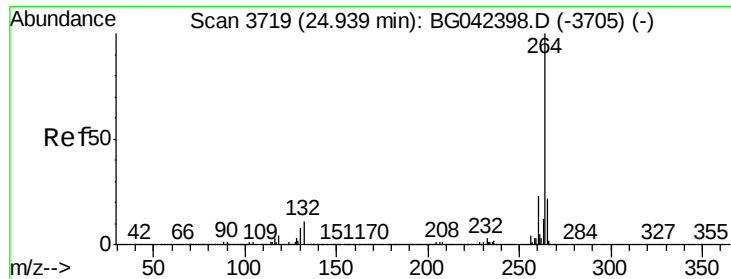
Abundance

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: 24.92 min Scan# 3716
 Delta R.T. -0.02 min
 Lab File: BG042636.D
 Acq: 31 Aug 2019 15:51

Instrument :
 BNA_G
 ClientSampleId :
 GW-4A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.5	27.7
265	22.1	17.6	26.4

