

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083119\
 Data File : BG042634.D
 Acq On : 31 Aug 2019 14:34
 Operator : HP/JU
 Sample : K4592-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-5

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

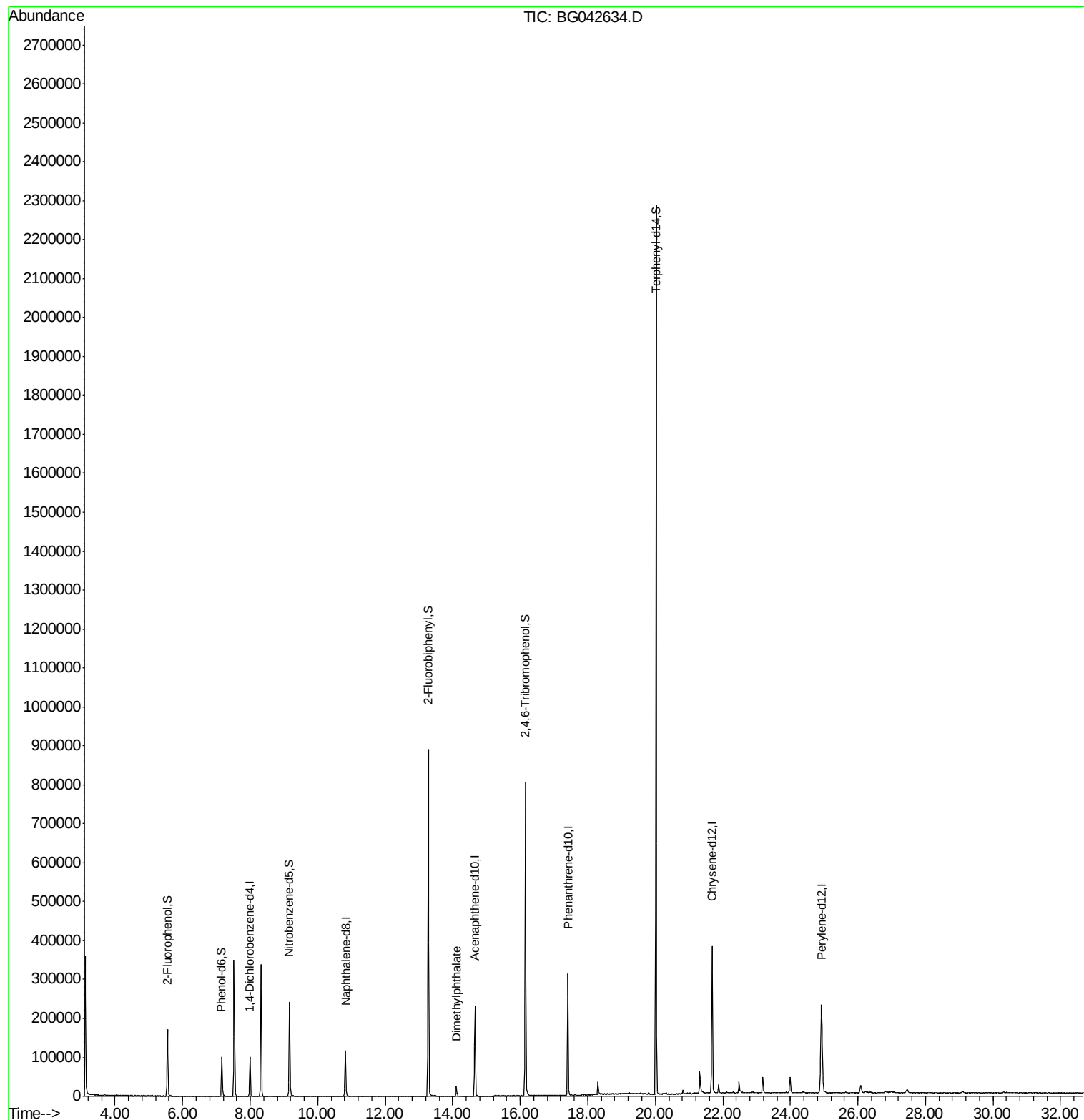
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	34122	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	129671	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	96720	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	226287	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	250164	20.00	ng	-0.01
87) Perylene-d12	24.92	264	289531	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	87717	52.06	ng	-0.01
7) Phenol-d6	7.16	99	72463	31.84	ng	-0.01
23) Nitrobenzene-d5	9.16	82	162259	86.47	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	204519	148.77	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	551803	96.49	ng	0.00
79) Terphenyl-d14	20.02	244	1173520	101.42	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	26626	3.815	ng	Ovalue 97

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

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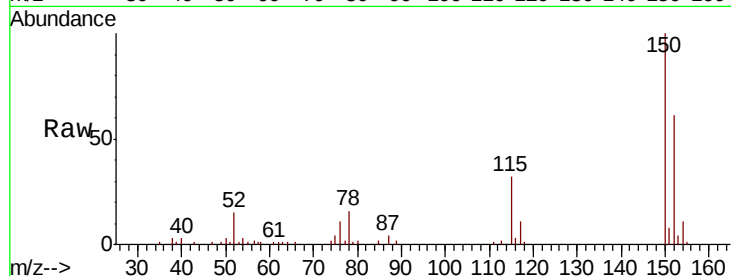


#1

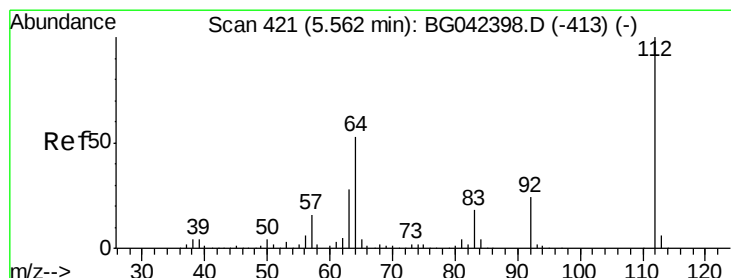
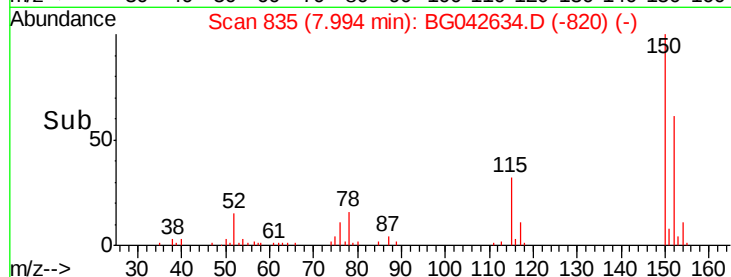
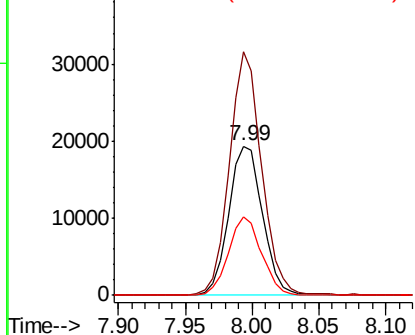
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.99 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BG042634.D
 Acq: 31 Aug 2019 14:34

Instrument :
 BNA_G
 ClientSampleId :
 GW-5

Tot Ion:152 Resp: 34122
 Ion Ratio Lower Upper
 152 100
 150 163.3 125.4 188.0
 115 52.5 38.5 57.7



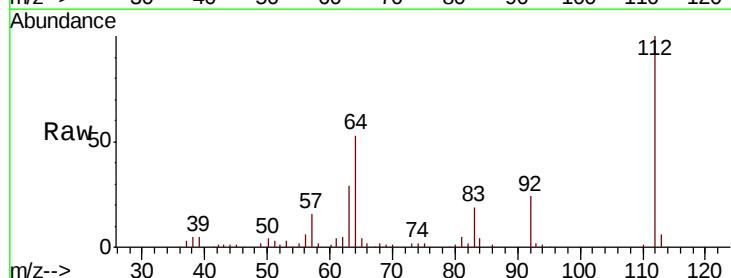
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



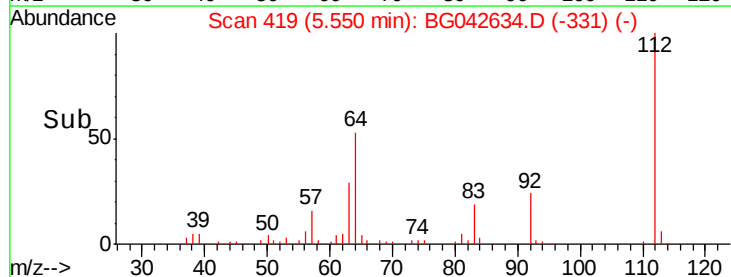
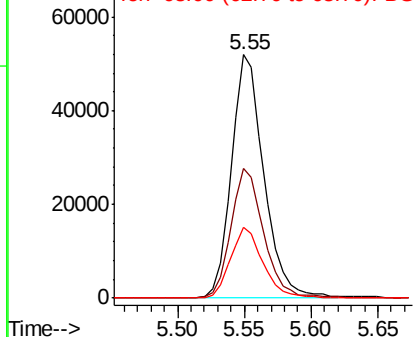
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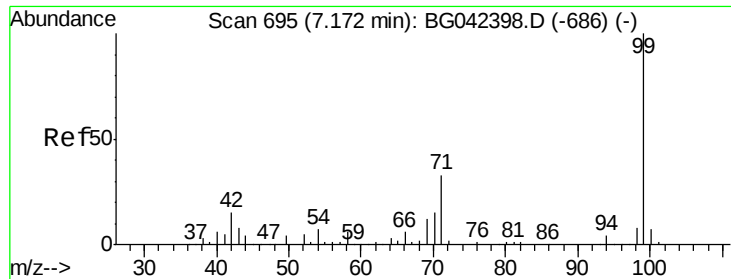
2-Fluorophenol
 Concen: 52.064 ng
 RT: 5.55 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: BG042634.D
 Acq: 31 Aug 2019 14:34

Tgt Ion:112 Resp: 87717
 Ion Ratio Lower Upper
 112 100
 64 53.1 42.8 64.2
 63 28.9 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: 31.841 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042634.D

Acq: 31 Aug 2019 14:34

Instrument :

BNA_G

ClientSampleId :

GW-5

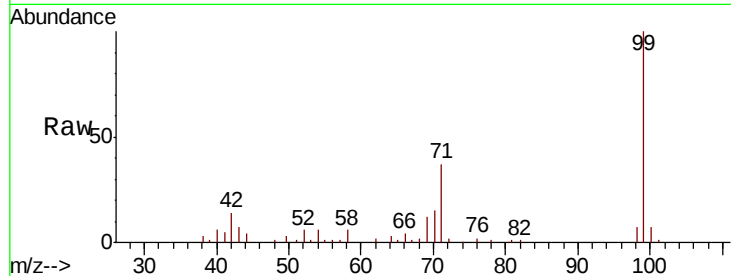
Tot Ion: 99 Resp: 72463

Ion Ratio Lower Upper

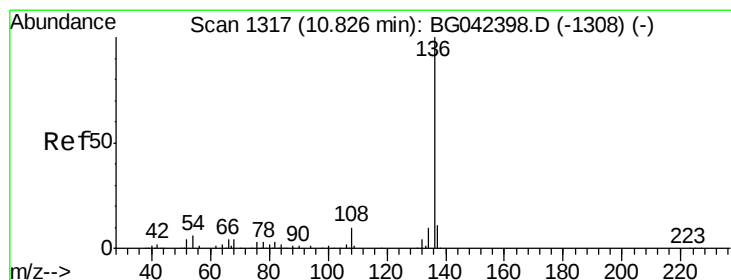
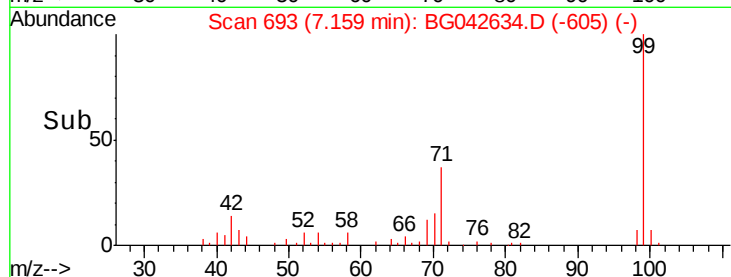
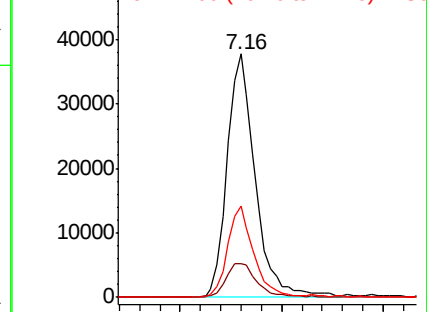
99 100

42 14.1 12.0 18.0

71 37.4 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: BG042634.D

Acq: 31 Aug 2019 14:34

Tgt Ion: 136 Resp: 129671

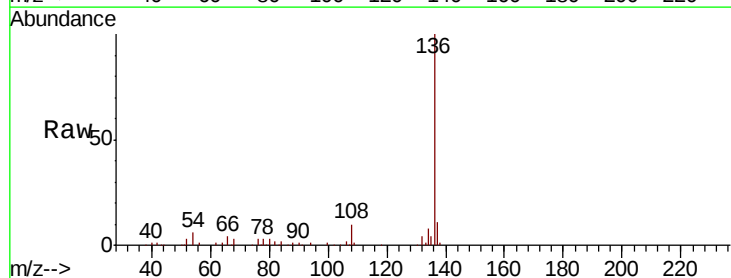
Ion Ratio Lower Upper

136 100

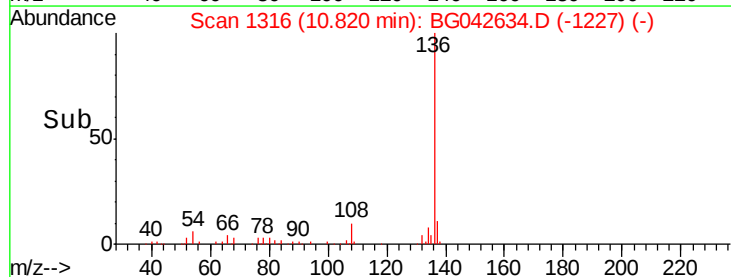
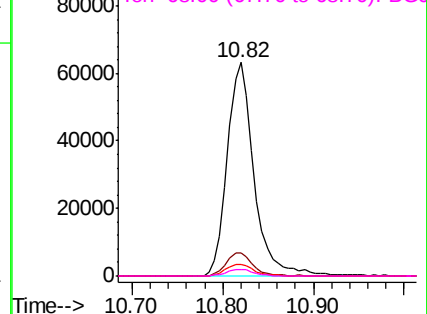
137 11.1 8.7 13.1

54 5.6 4.9 7.3

68 2.7 3.6 5.4#



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

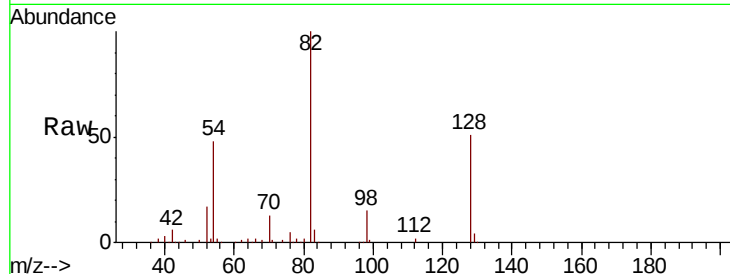




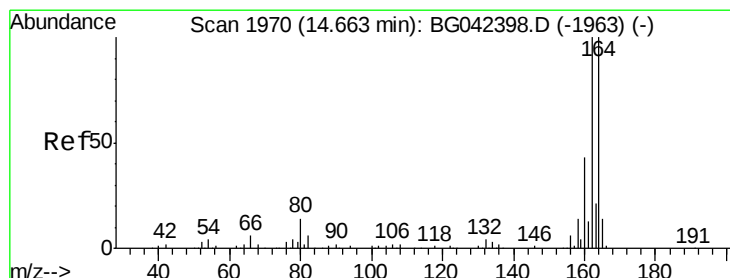
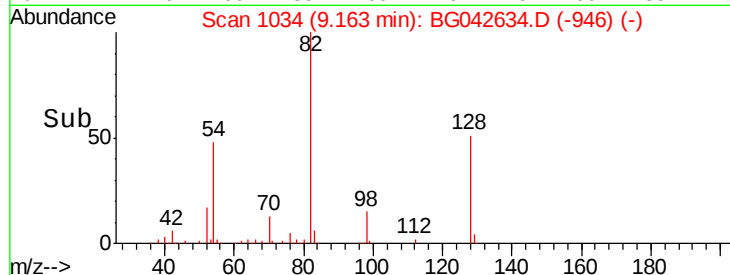
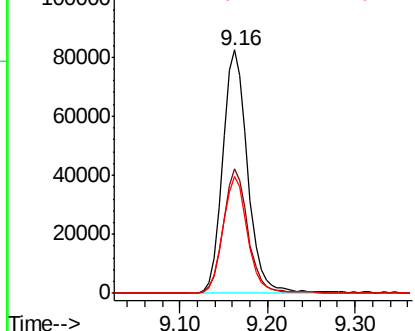
#23
Nitrobenzene-d5
Concen: 86.471 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042634.D
Acq: 31 Aug 2019 14:34

Instrument :
BNA_G
ClientSampled :
GW-5

Tot Ion: 82 Resp: 162259
Ion Ratio Lower Upper
82 100
128 51.3 40.7 61.1
54 48.2 36.3 54.5

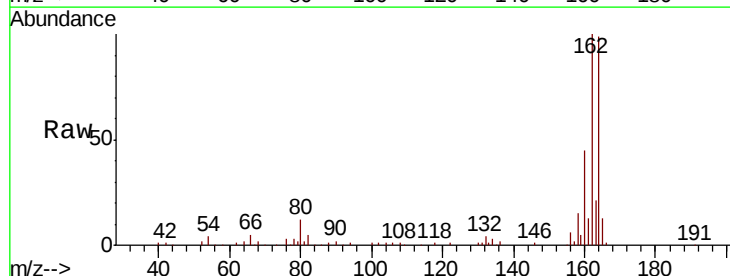


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

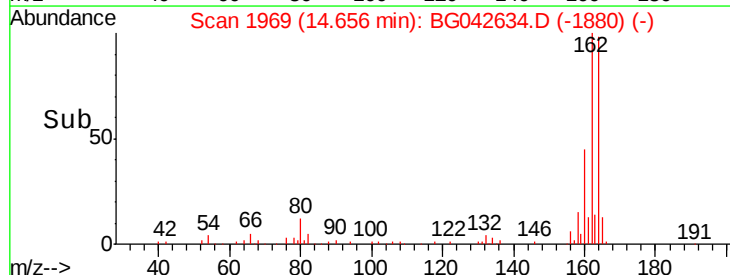
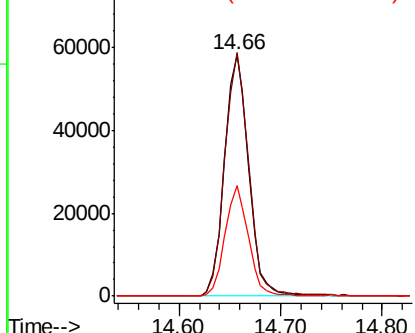


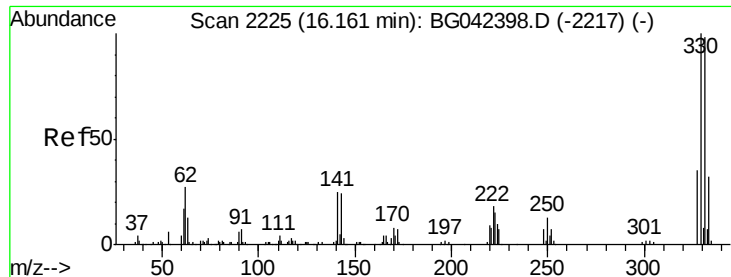
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042634.D
Acq: 31 Aug 2019 14:34

Tgt Ion: 164 Resp: 96720
Ion Ratio Lower Upper
164 100
162 101.0 79.9 119.9
160 45.8 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

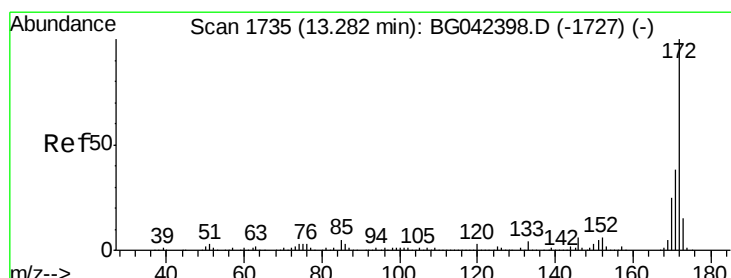
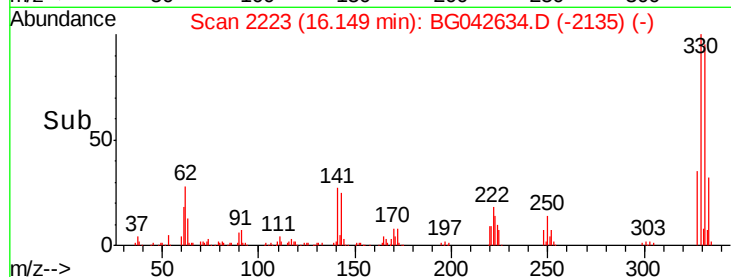
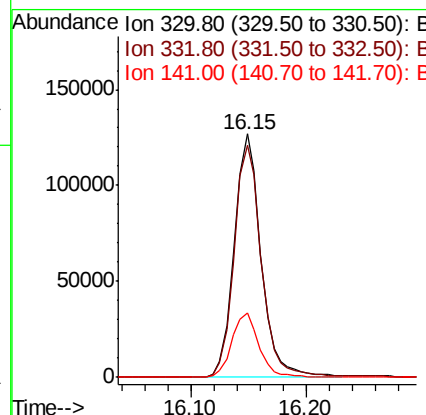
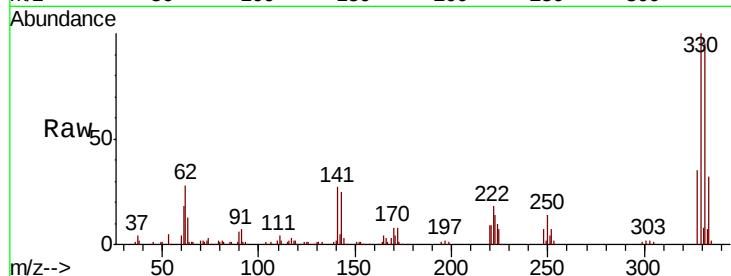




#42
 2,4,6-Tribromophenol
 Concen: 148.772 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG042634.D
 Acq: 31 Aug 2019 14:34

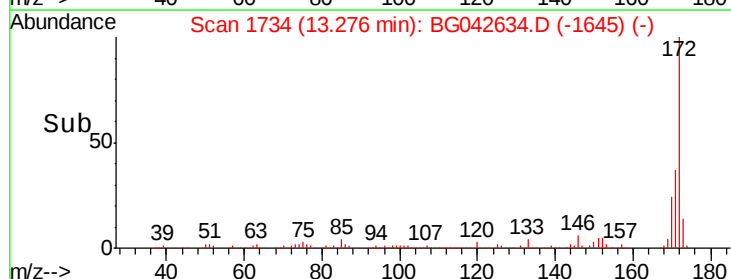
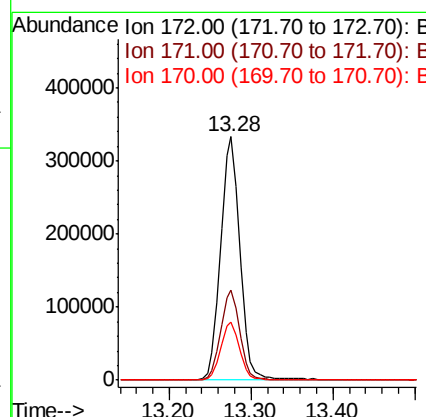
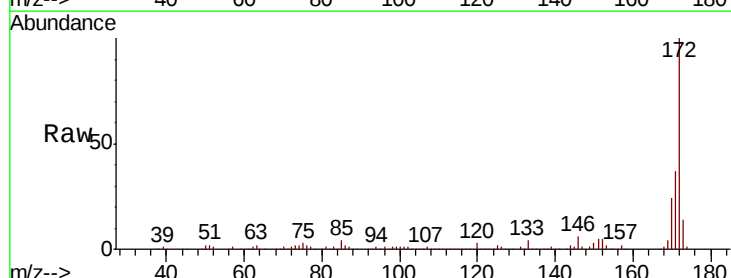
Instrument :
 BNA_G
 ClientSampleId :
 GW-5

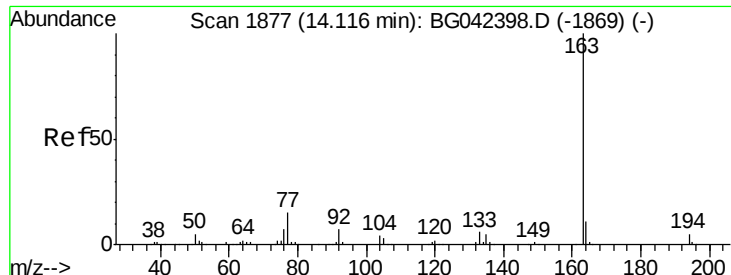
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.4	116.0
141	27.0	21.4	32.0



#45
 2-Fluorobiphenyl
 Concen: 96.490 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042634.D
 Acq: 31 Aug 2019 14:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.5	45.7
170	23.9	20.2	30.2

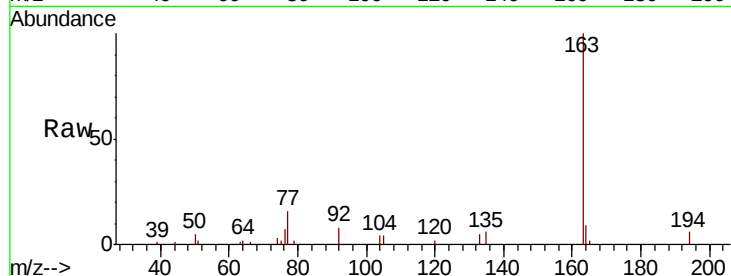




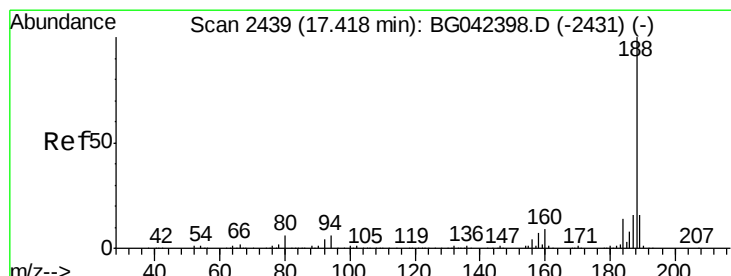
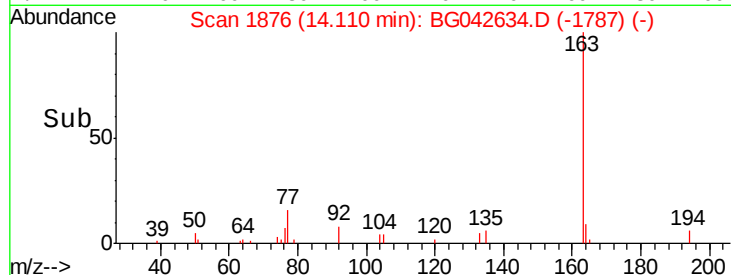
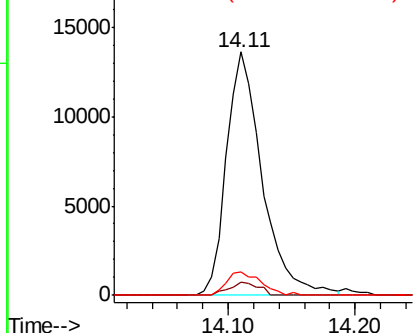
#50
Dimethylphthalate
Concen: 3.815 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG042634.D
Acq: 31 Aug 2019 14:34

Instrument :
BNA_G
ClientSampleId :
GW-5

Tot Ion:163 Resp: 26626
Ion Ratio Lower Upper
163 100
194 5.5 4.2 6.2
164 9.4 8.8 13.2

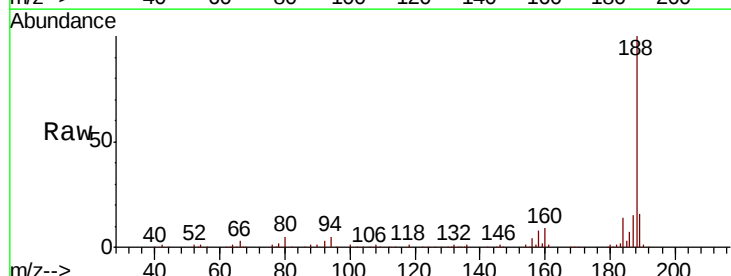


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

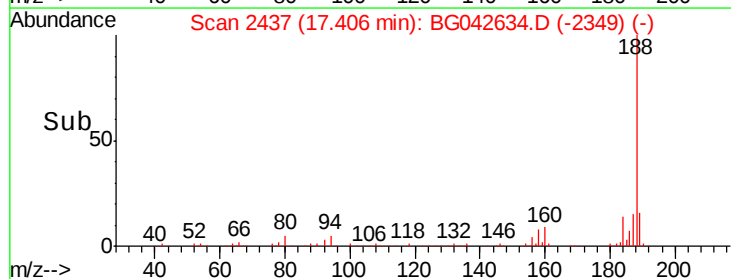
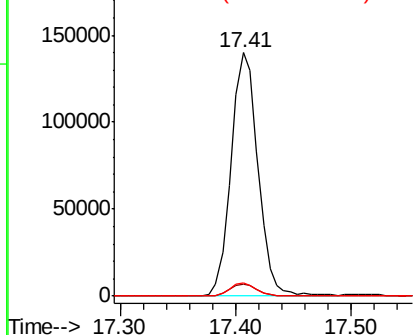


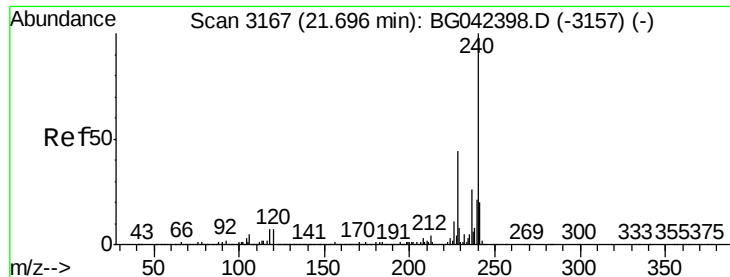
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042634.D
Acq: 31 Aug 2019 14:34

Tgt Ion:188 Resp: 226287
Ion Ratio Lower Upper
188 100
94 5.1 4.5 6.7
80 5.2 4.9 7.3



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

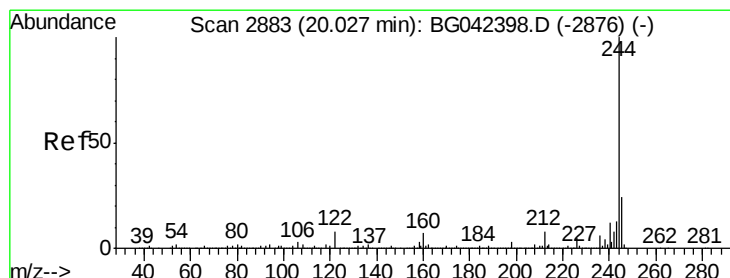
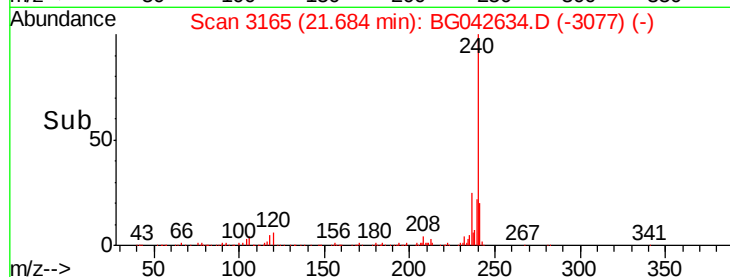
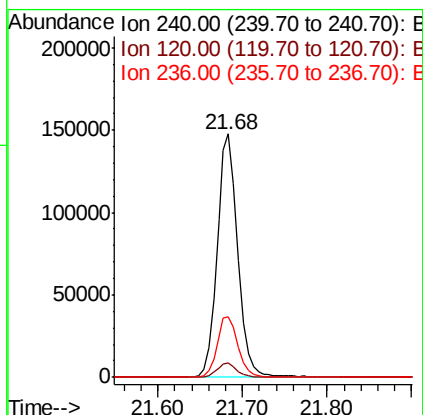
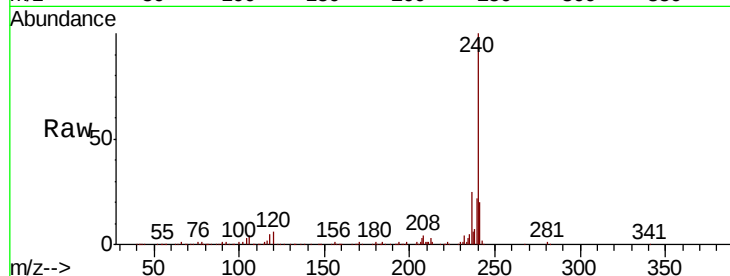




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.01 min
 Lab File: BG042634.D
 Acq: 31 Aug 2019 14:34

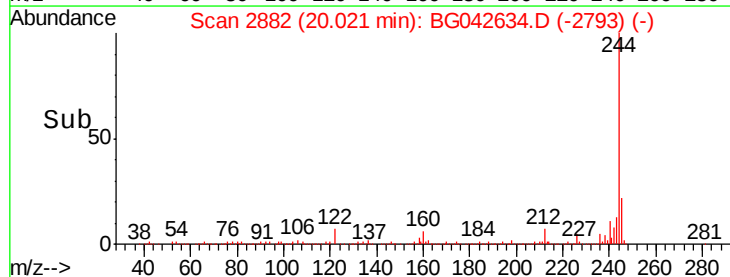
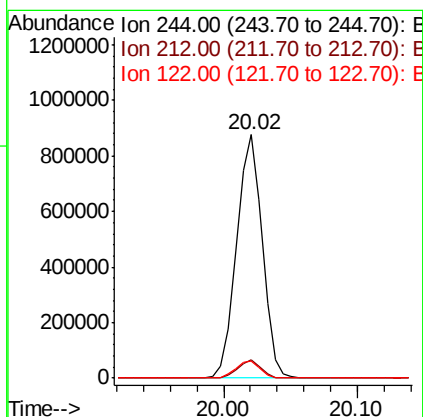
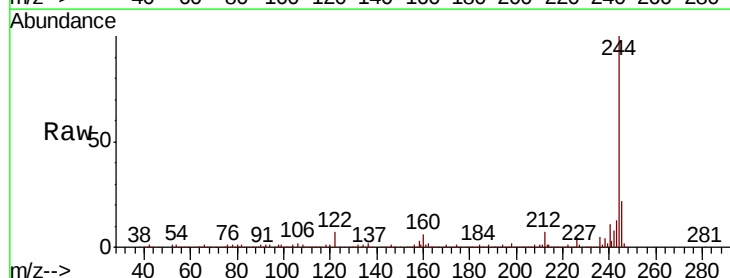
Instrument :
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 ClientSampleId :
 GW-5

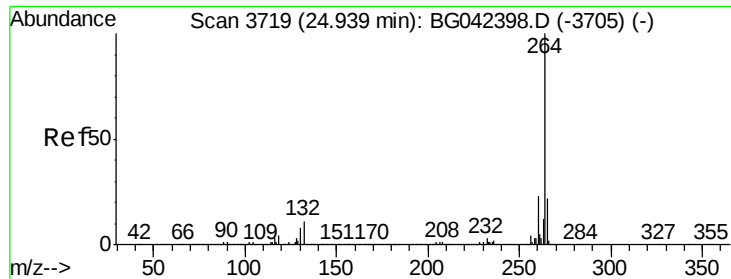
Tot Ion	Ratio	Lower	Upper
240	100		
120	5.7	5.7	8.5
236	24.7	21.0	31.4



#79
 Terphenyl-d14
 Concen: 101.416 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.01 min
 Lab File: BG042634.D
 Acq: 31 Aug 2019 14:34

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





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3715
Delta R.T. -0.02 min
Lab File: BG042634.D
Acq: 31 Aug 2019 14:34

Instrument :
BNA_G
ClientSampleId :
GW-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.6	18.5	27.7
265	21.2	17.6	26.4

