

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
 Data File : BG043893.D
 Acq On : 3 Jan 2020 18:36
 Operator : JU
 Sample : K6464-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-1

Quant Time: Jan 10 12:24:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	125494	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	559748	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	377199	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	823234	20.00	ng	0.00
76) Chrysene-d12	21.58	240	700798	20.00	ng	0.00
87) Perylene-d12	24.71	264	794713	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	559767	81.90	ng	0.00
7) Phenol-d6	7.12	99	530918	55.57	ng	0.00
23) Nitrobenzene-d5	9.12	82	915546	87.50	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	581761	147.38	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1912879	91.88	ng	0.00
79) Terphenyl-d14	19.95	244	2576669	90.03	ng	0.00

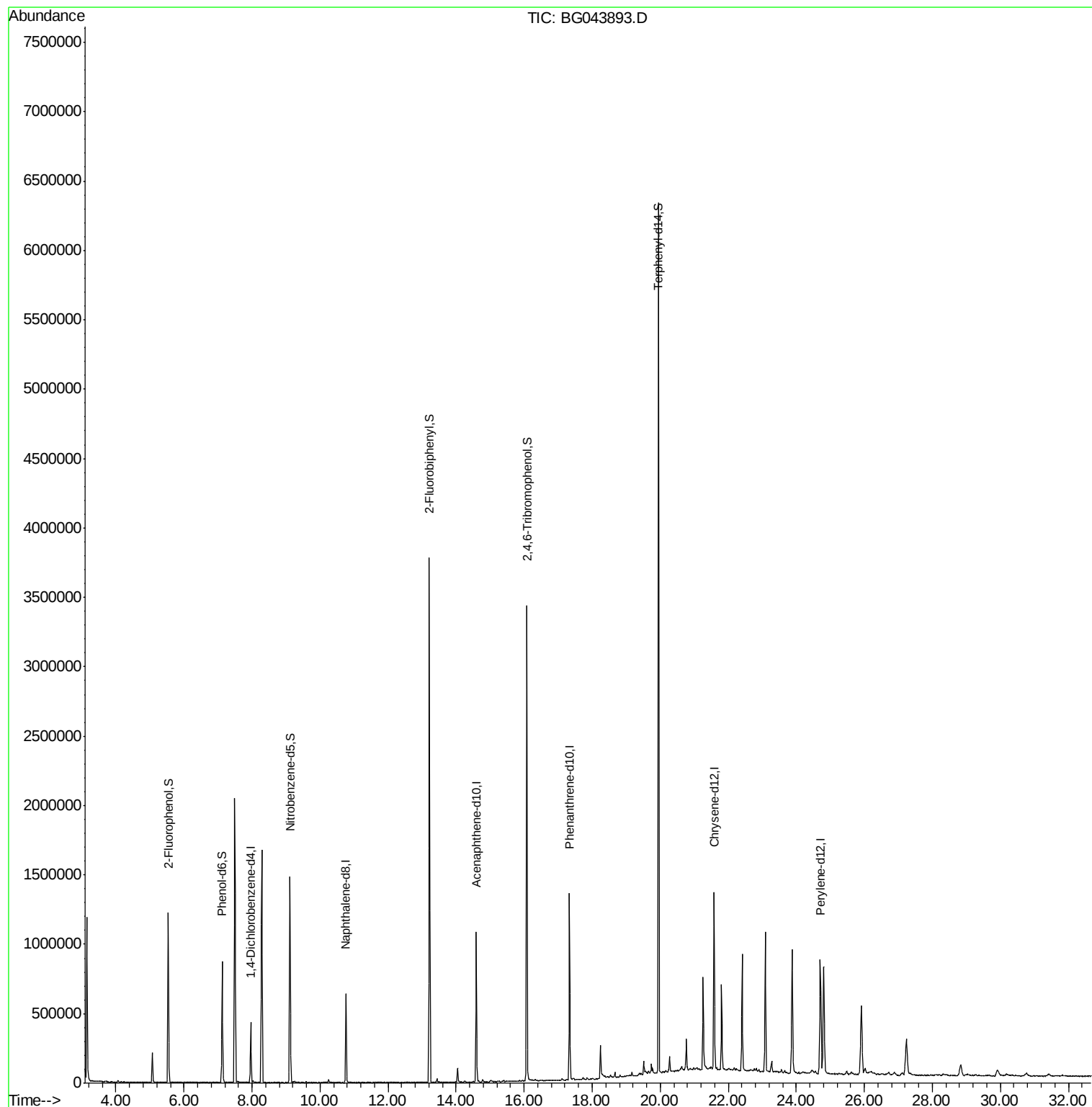
Target Compounds Qvalue

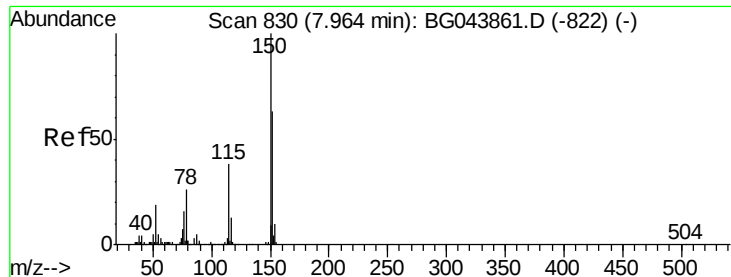
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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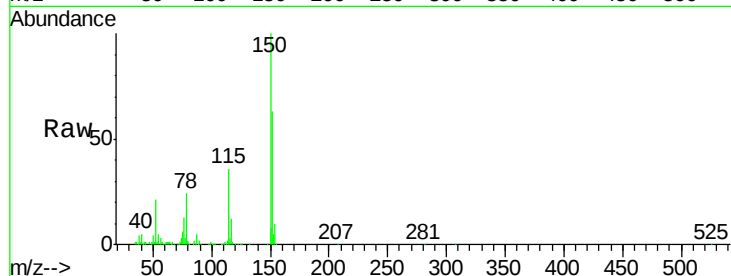


#1

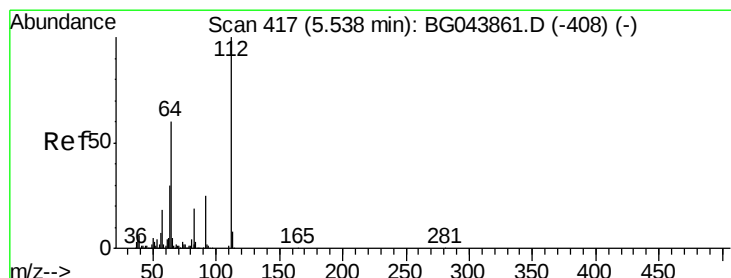
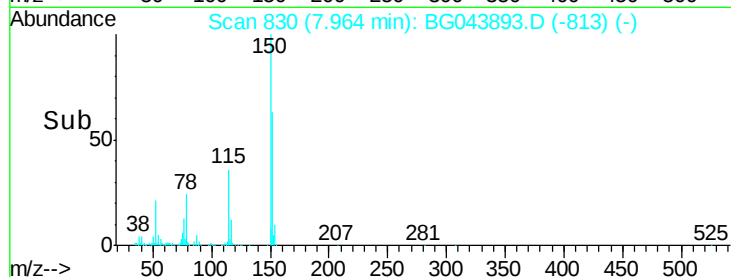
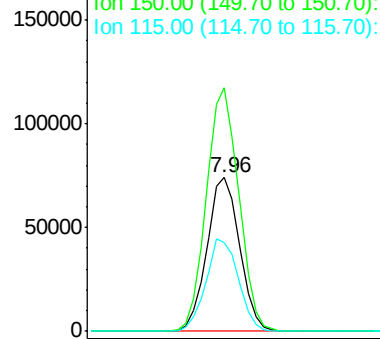
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG043893.D
Acq: 3 Jan 2020 18:36

Instrument :
BNA_G
ClientSampleId :
GW-1

Tot Ion:152 Resp: 125494
Ion Ratio Lower Upper
152 100
150 158.3 127.0 190.4
115 57.7 47.8 71.8



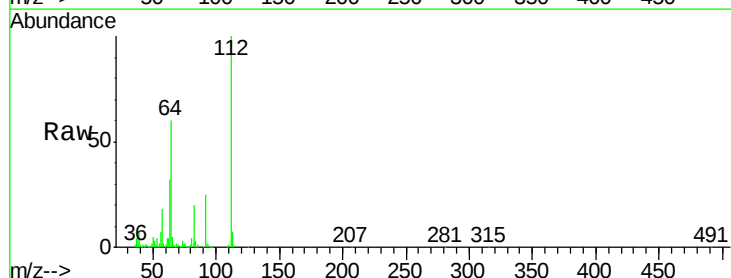
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



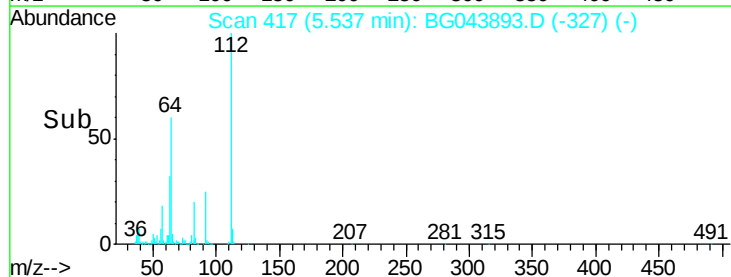
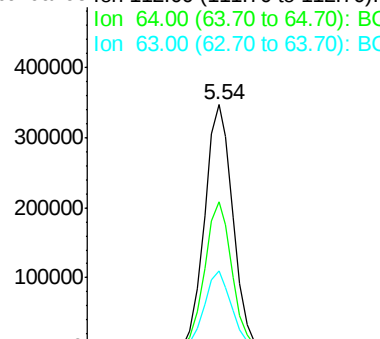
#5

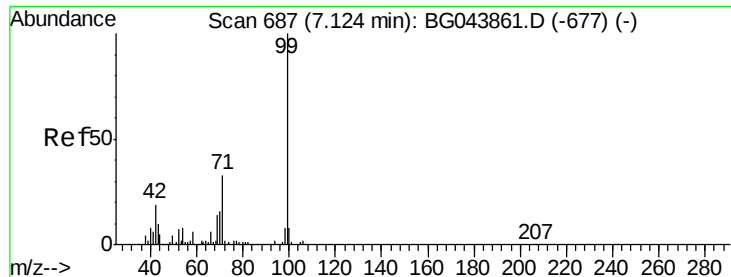
2-Fluorophenol
Concen: 81.900 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG043893.D
Acq: 3 Jan 2020 18:36

Tgt Ion:112 Resp: 559767
Ion Ratio Lower Upper
112 100
64 60.2 47.8 71.6
63 31.7 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 55.572 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG043893.D

Acq: 3 Jan 2020 18:36

Instrument :

BNA_G

ClientSampleId :

GW-1

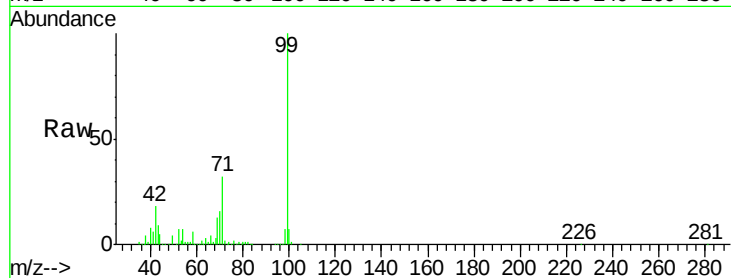
Tot Ion: 99 Resp: 530918

Ion Ratio Lower Upper

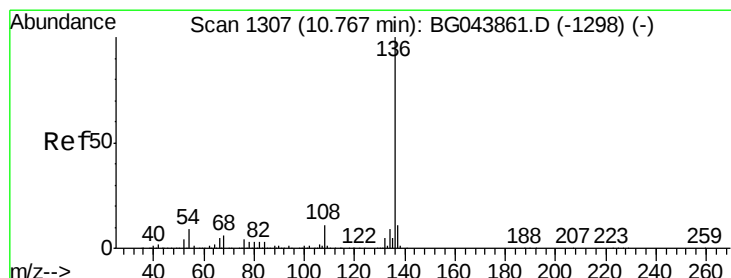
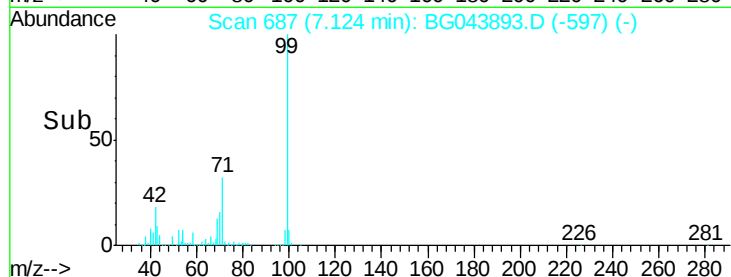
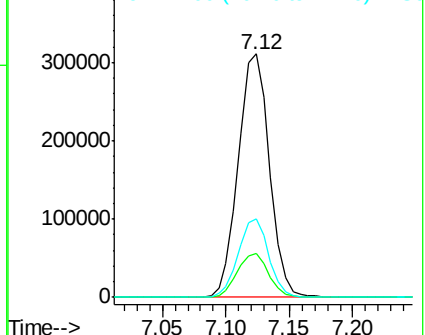
99 100

42 18.3 14.9 22.3

71 32.2 26.4 39.6



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: 10.76 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BG043893.D

Acq: 3 Jan 2020 18:36

Tgt Ion: 136 Resp: 559748

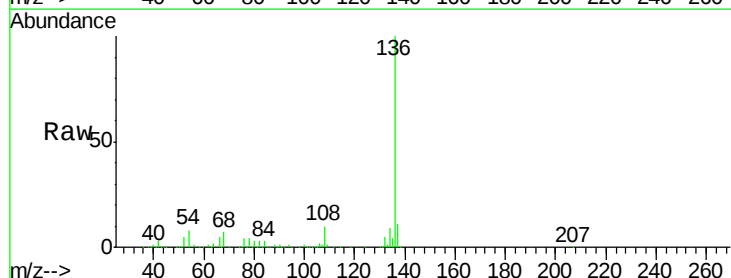
Ion Ratio Lower Upper

136 100

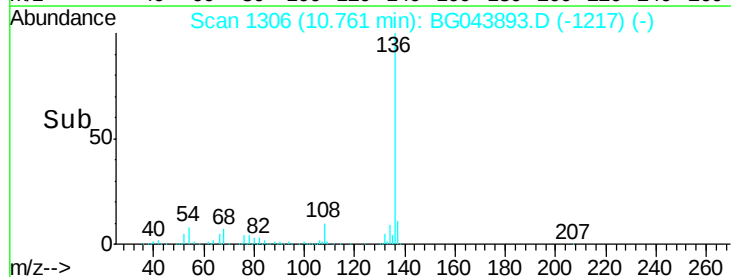
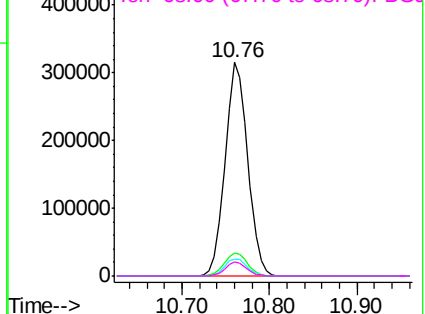
137 10.7 8.8 13.2

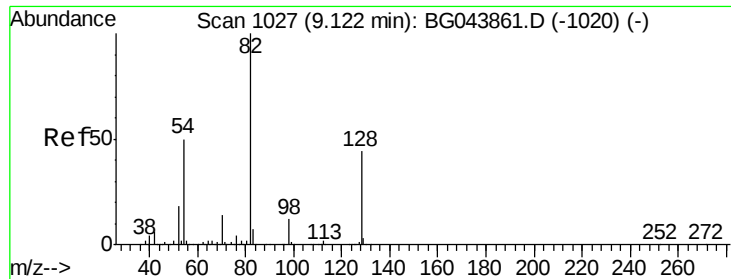
54 7.9 7.0 10.4

68 6.6 4.9 7.3



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

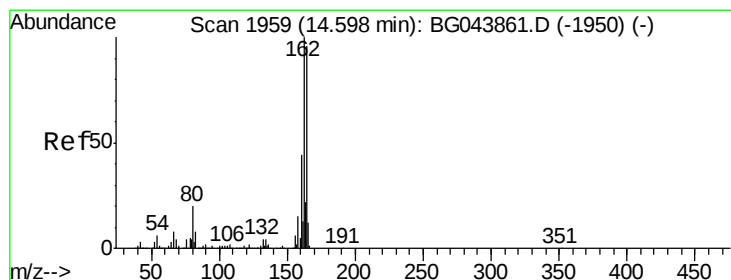
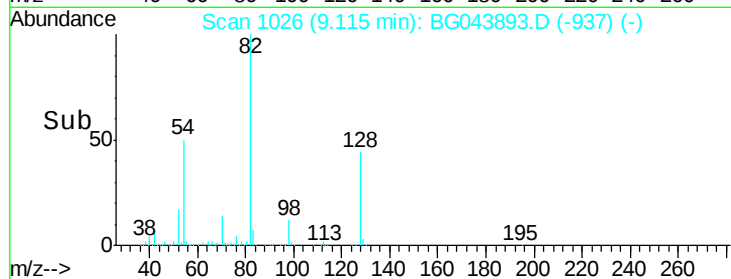
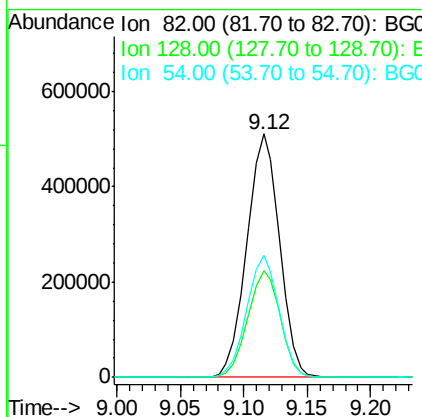
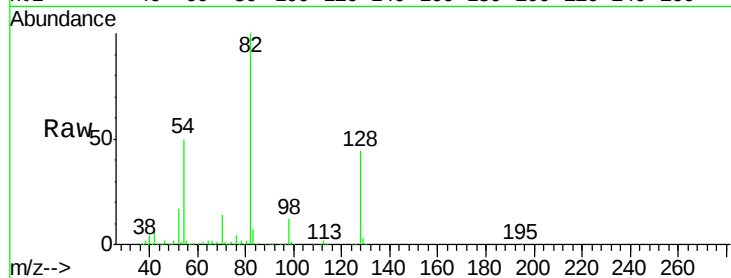




#23
 Nitrobenzene-d5
 Concen: 87.500 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BG043893.D
 Acq: 3 Jan 2020 18:36

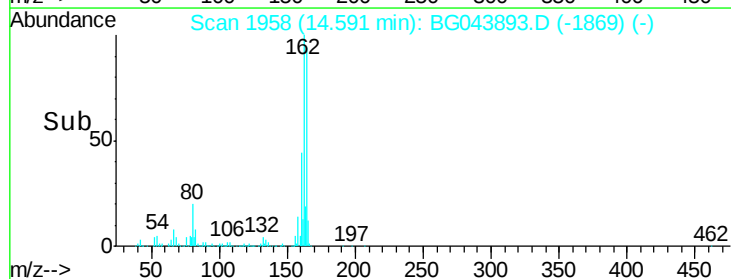
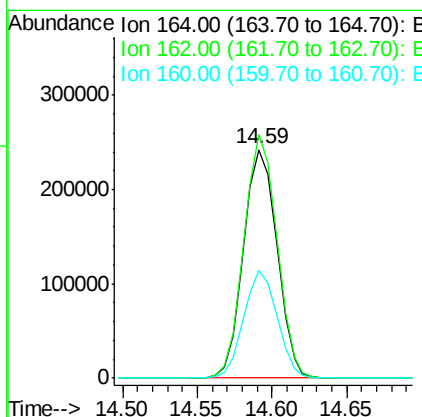
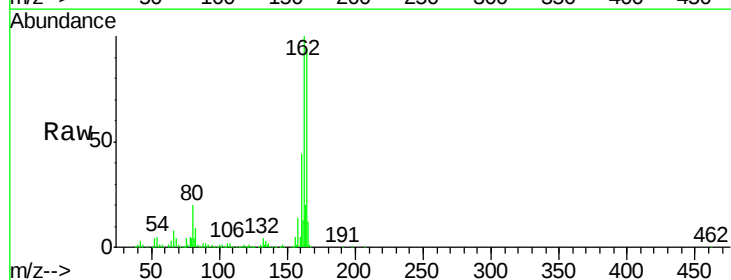
Instrument :
 BNA_G
 ClientSampleId :
 GW-1

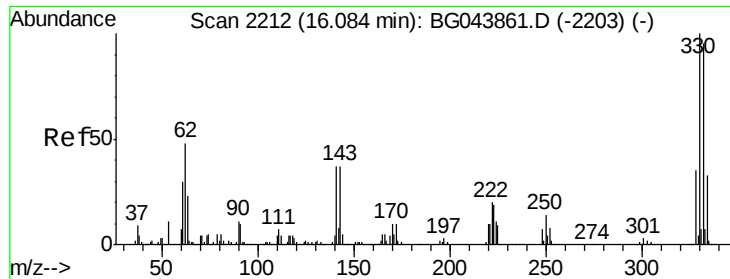
Tot Ion	82	Resp	915546
Ion Ratio	Lower	Upper	
82	100		
128	43.9	35.1	52.7
54	50.1	40.1	60.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.01 min
 Lab File: BG043893.D
 Acq: 3 Jan 2020 18:36

Tgt Ion	164	Resp	377199
Ion Ratio	Lower	Upper	
164	100		
162	106.7	83.0	124.4
160	47.1	36.1	54.1





#42

2,4,6-Tribromophenol

Concen: 147.382 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BG043893.D

Acq: 3 Jan 2020 18:36

Instrument :

BNA_G

ClientSampleId :

GW-1

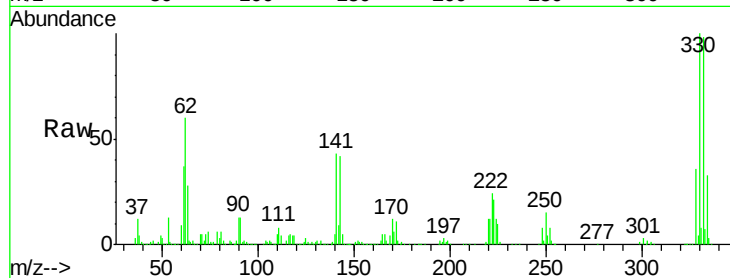
Tot Ion:330 Resp: 581761

Ion Ratio Lower Upper

330 100

332 96.5 77.2 115.8

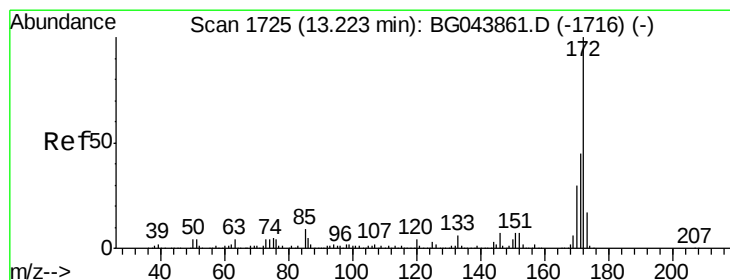
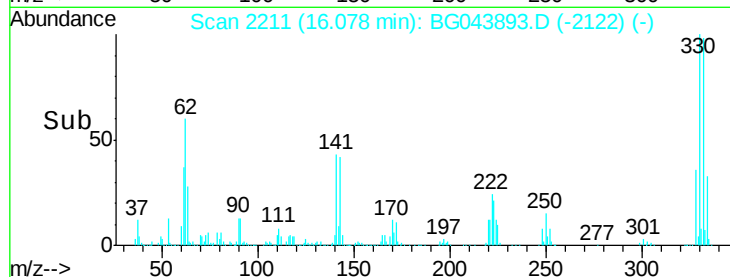
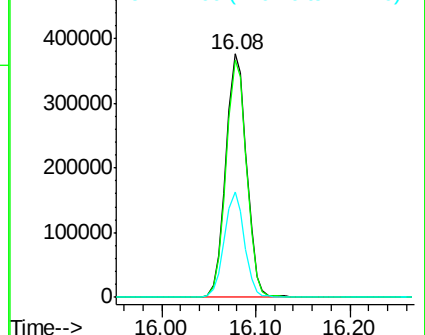
141 41.9 33.1 49.7



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: 91.880 ng

RT: 13.22 min Scan# 1724

Delta R.T. -0.01 min

Lab File: BG043893.D

Acq: 3 Jan 2020 18:36

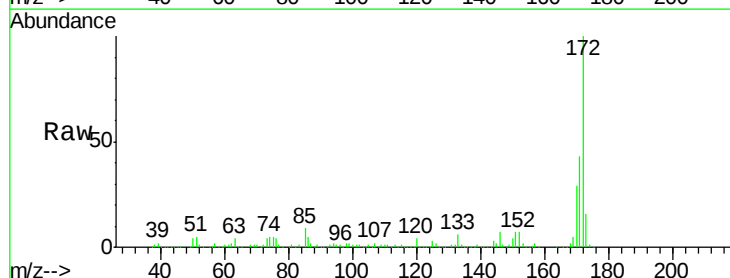
Tgt Ion:172 Resp: 1912879

Ion Ratio Lower Upper

172 100

171 42.7 35.8 53.8

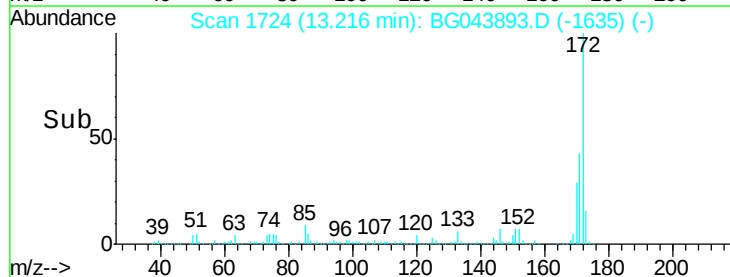
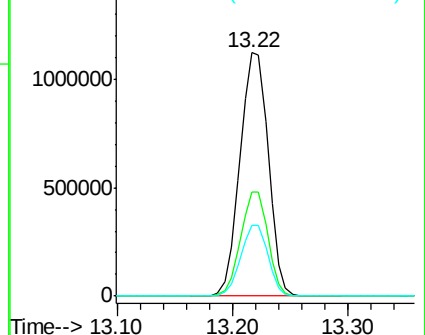
170 29.1 24.2 36.4

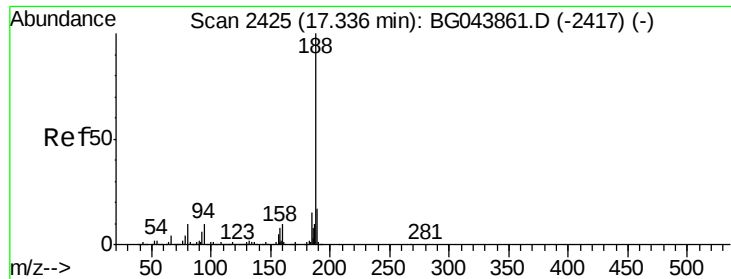


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2425

Delta R.T. -0.00 min

Lab File: BG043893.D

Acq: 3 Jan 2020 18:36

Instrument :

BNA_G

ClientSampleId :

GW-1

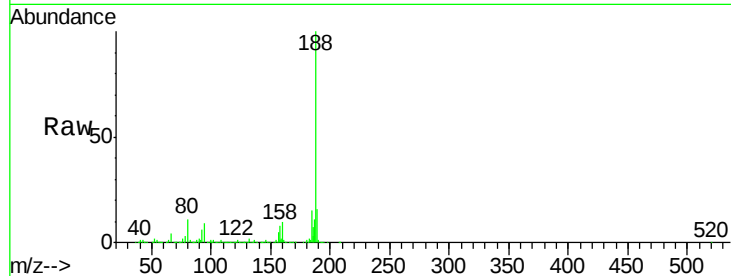
Tot Ion:188 Resp: 823234

Ion Ratio Lower Upper

188 100

94 9.0 7.9 11.9

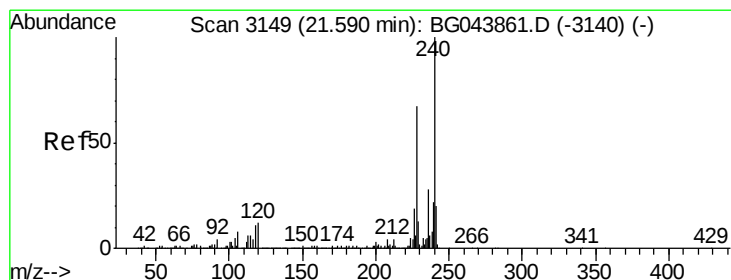
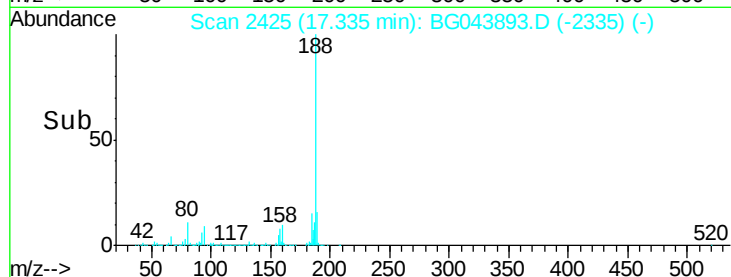
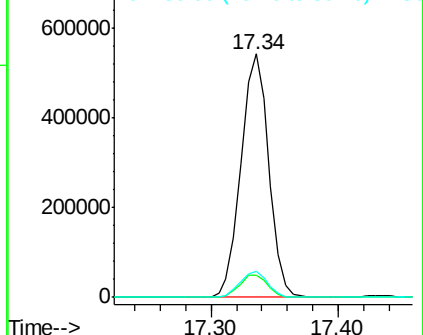
80 10.8 8.2 12.4



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: 21.58 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG043893.D

Acq: 3 Jan 2020 18:36

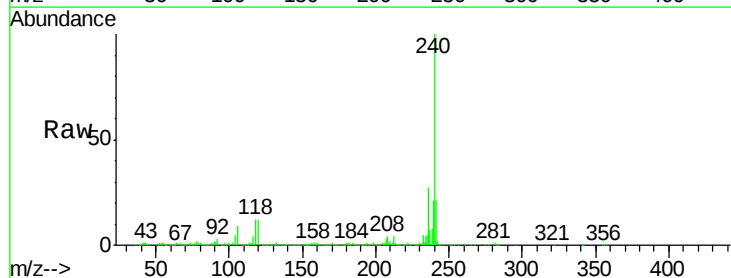
Tgt Ion:240 Resp: 700798

Ion Ratio Lower Upper

240 100

120 12.5 9.6 14.4

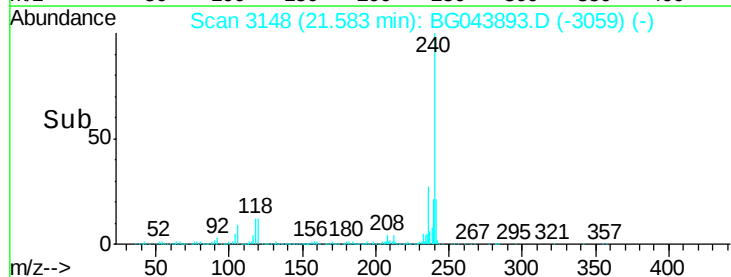
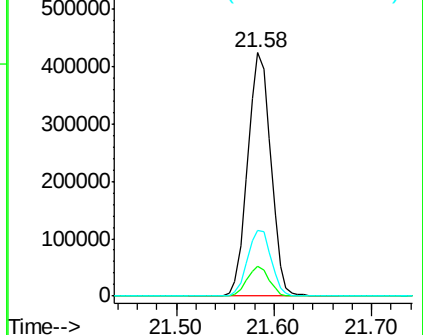
236 27.2 22.2 33.2

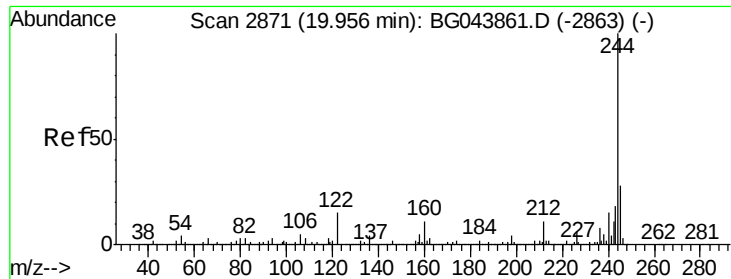


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

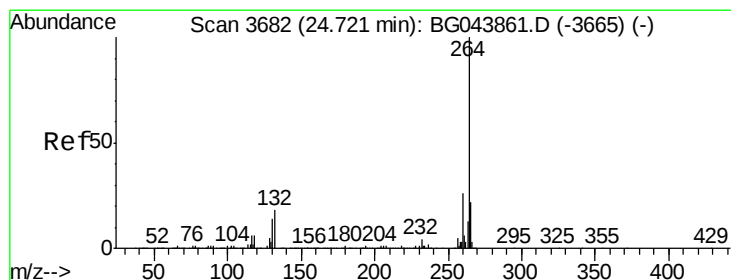
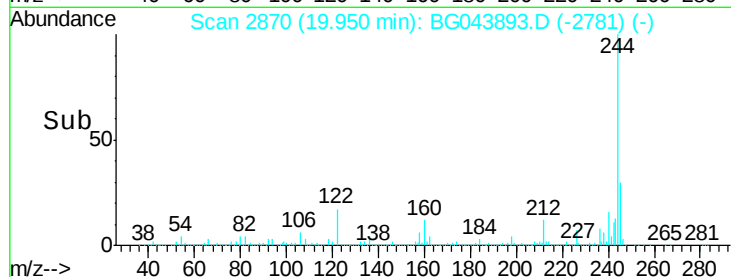
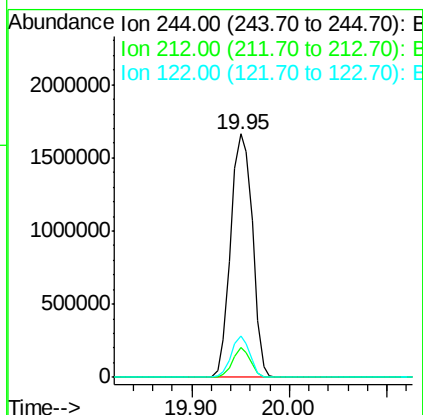
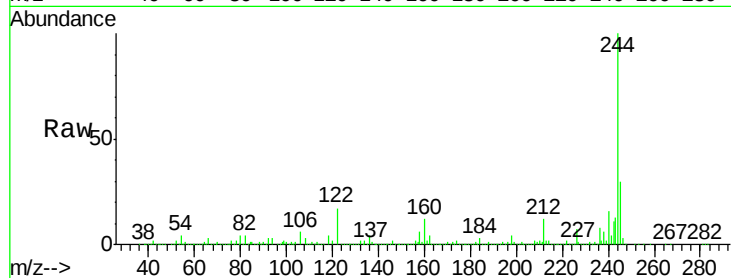




#79
 Terphenyl-d14
 Concen: 90.028 ng
 RT: 19.95 min Scan# 2870
 Delta R.T. -0.01 min
 Lab File: BG043893.D
 Acq: 3 Jan 2020 18:36

Instrument :
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 ClientSampleId :
 GW-1

Tot Ion:244 Resp: 2576669
 Ion Ratio Lower Upper
 244 100
 212 12.1 8.6 13.0
 122 16.9 11.9 17.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.71 min Scan# 3680
 Delta R.T. -0.01 min
 Lab File: BG043893.D
 Acq: 3 Jan 2020 18:36

Tgt Ion:264 Resp: 794713
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.4 30.6
 265 22.6 17.4 26.2

