

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
 Data File : BG043891.D
 Acq On : 3 Jan 2020 17:17
 Operator : JU
 Sample : K6460-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-7

Quant Time: Jan 03 22:49:41 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

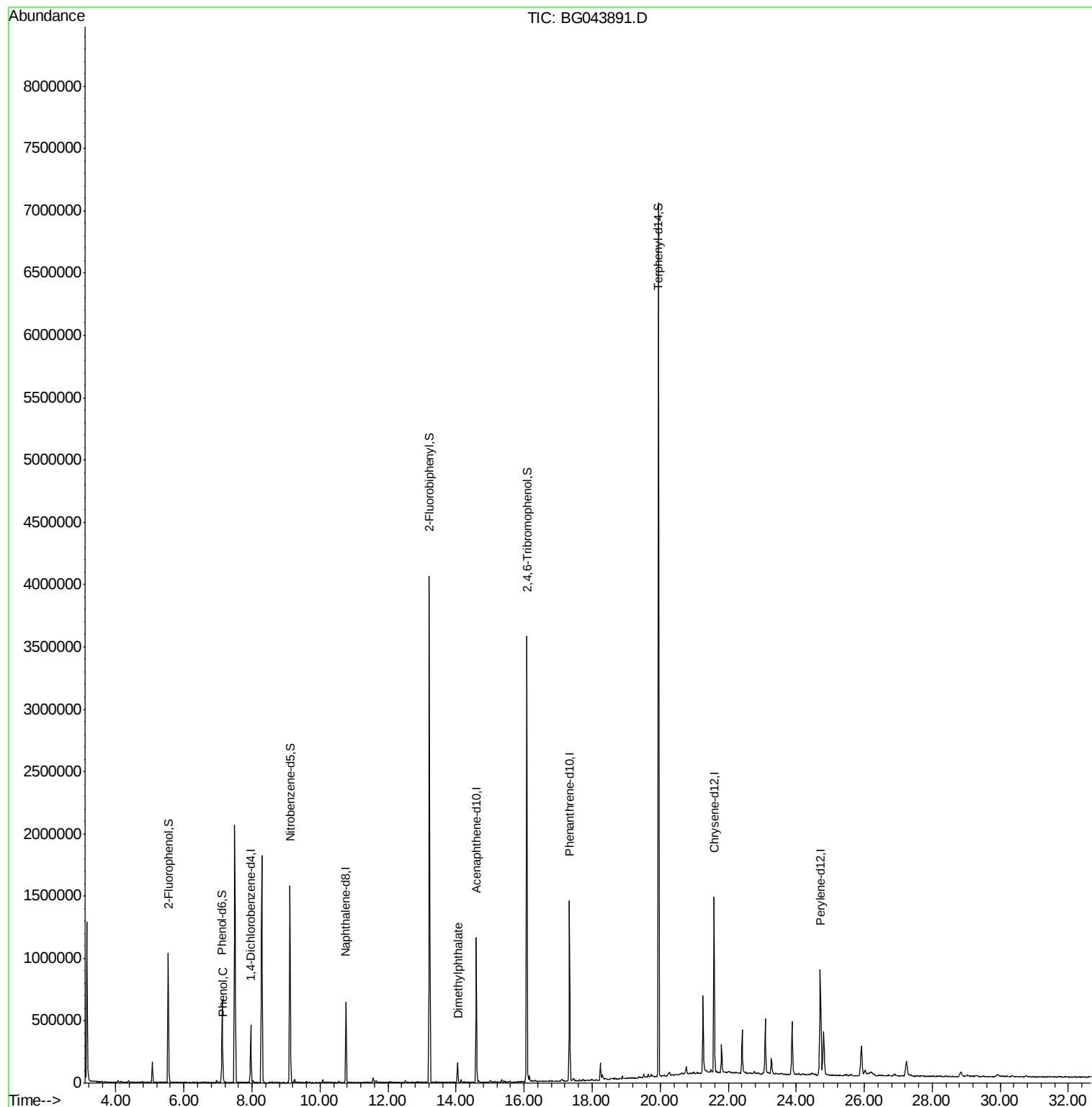
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	130186	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	573988	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	400789	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	865874	20.00	ng	0.00
76) Chrysene-d12	21.58	240	737703	20.00	ng	0.00
87) Perylene-d12	24.71	264	822333	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	474228	66.88	ng	0.00
7) Phenol-d6	7.12	99	412684	41.64	ng	0.00
23) Nitrobenzene-d5	9.12	82	954768	88.98	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	617222	147.16	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1999634	90.39	ng	0.00
79) Terphenyl-d14	19.95	244	2716423	90.21	ng	0.00
Target Compounds						
10) Phenol	7.15	94	28401	2.781	ng	98
50) Dimethylphthalate	14.05	163	105351	3.702	ng	97

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

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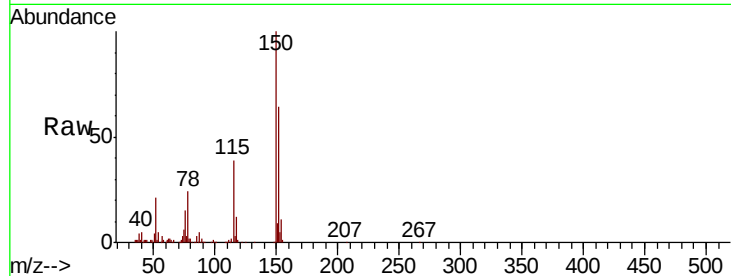


#1

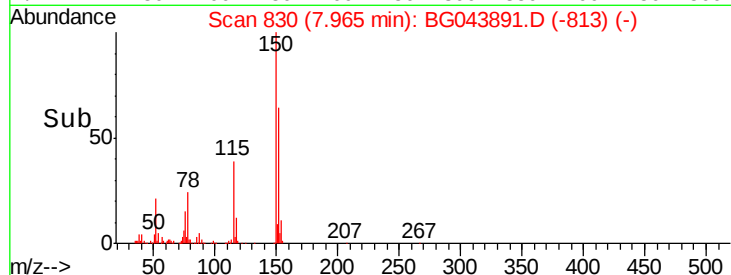
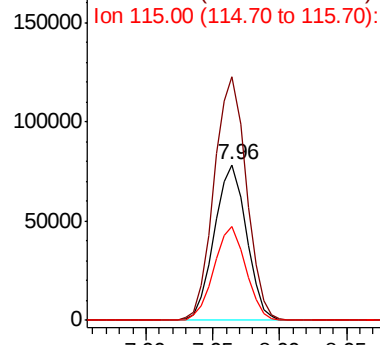
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG043891.D
Acq: 3 Jan 2020 17:17

Instrument :
BNA_G
ClientSampleId :
GW-7

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	127.0	190.4
115	60.6	47.8	71.8



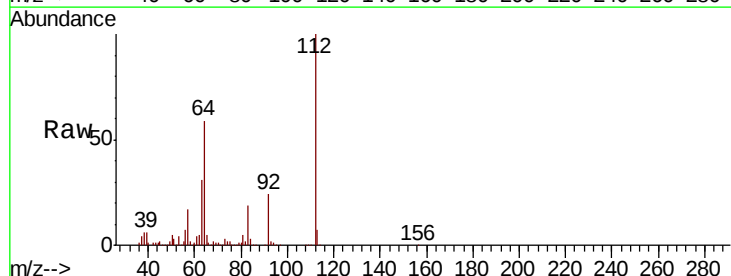
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



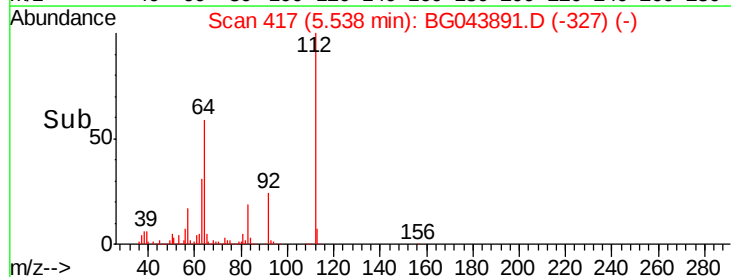
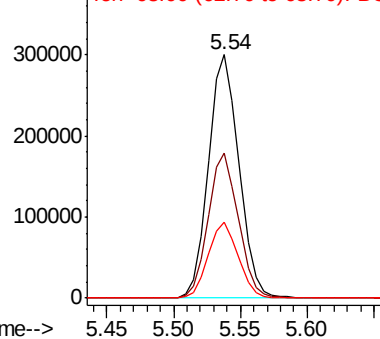
#5

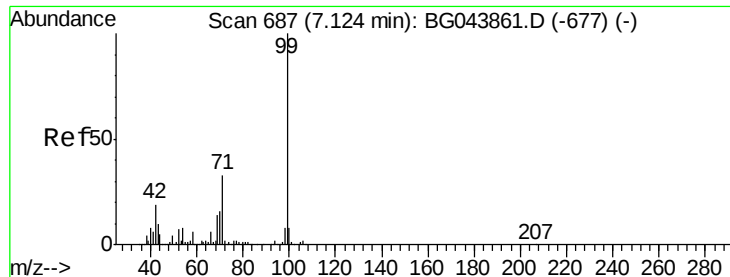
2-Fluorophenol
Concen: 66.884 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG043891.D
Acq: 3 Jan 2020 17:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.8	71.6
63	31.4	24.3	36.5



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: 41.639 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG043891.D

Acq: 3 Jan 2020 17:17

Instrument :

BNA_G

ClientSampleId :

GW-7

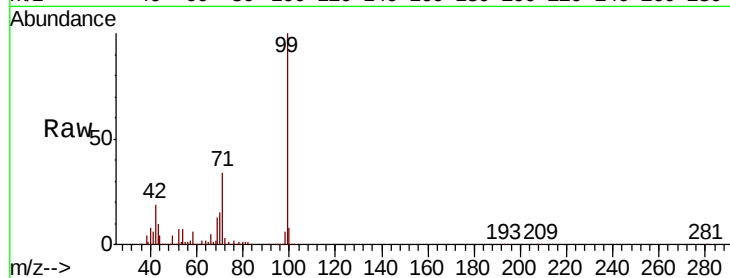
Tot Ion: 99 Resp: 412684

Ion Ratio Lower Upper

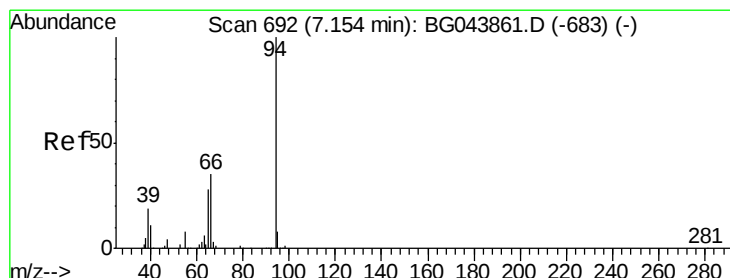
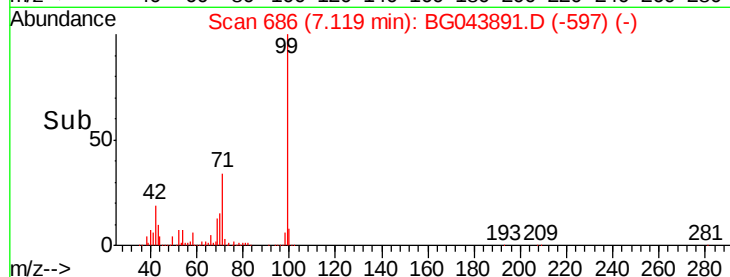
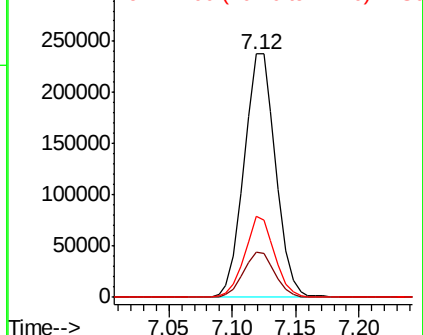
99 100

42 18.7 14.9 22.3

71 33.5 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



#10

Phenol

Concen: 2.781 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG043891.D

Acq: 3 Jan 2020 17:17

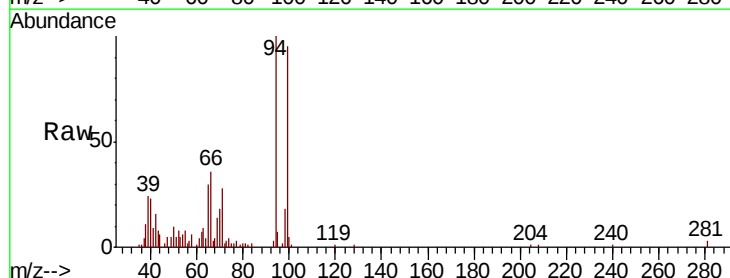
Tgt Ion: 94 Resp: 28401

Ion Ratio Lower Upper

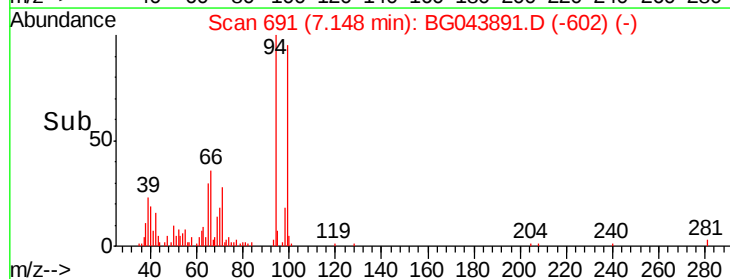
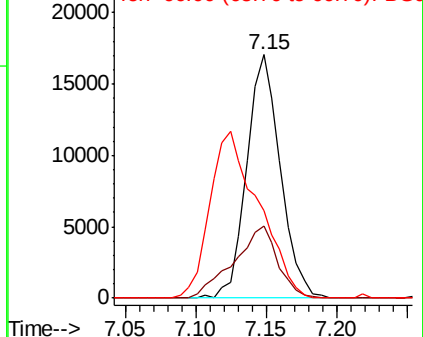
94 100

65 29.5 8.1 48.1

66 36.1 15.6 55.6



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.76 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BG043891.D

Acq: 3 Jan 2020 17:17

Instrument :

BNA_G

ClientSampleId :

GW-7

Tot Ion:136 Resp: 573988

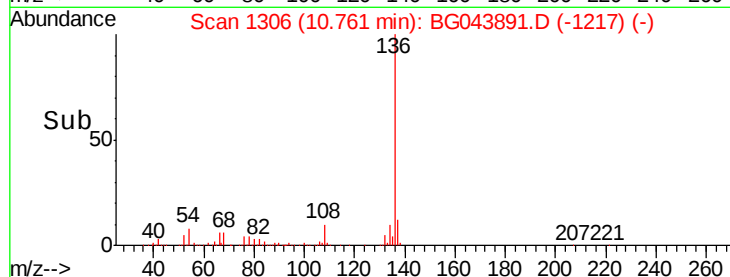
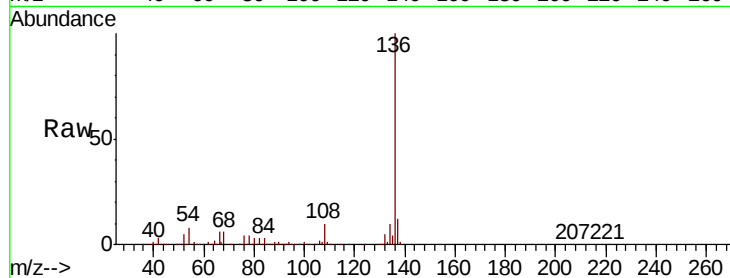
Ion Ratio Lower Upper

136 100

137 11.6 8.8 13.2

54 8.1 7.0 10.4

68 6.4 4.9 7.3

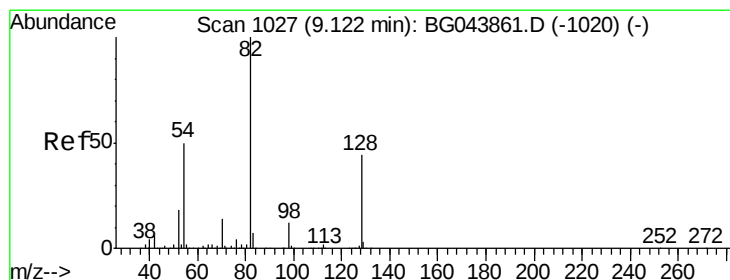
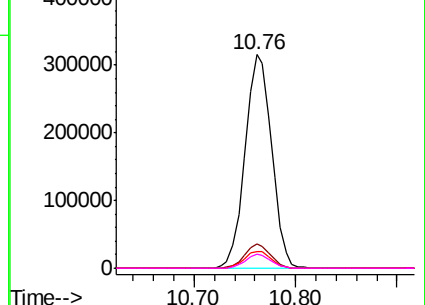


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.985 ng

RT: 9.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BG043891.D

Acq: 3 Jan 2020 17:17

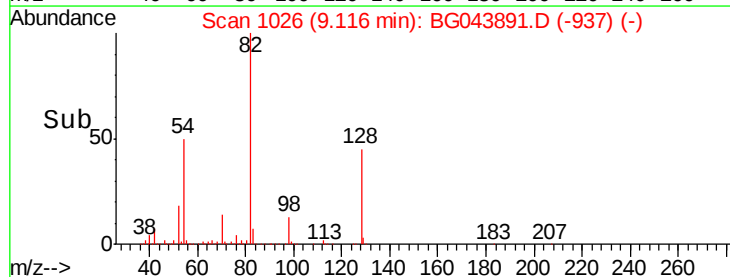
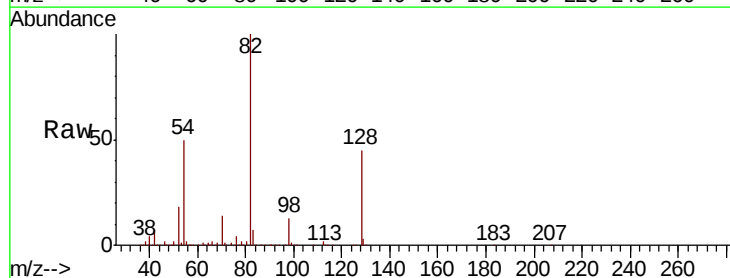
Tgt Ion: 82 Resp: 954768

Ion Ratio Lower Upper

82 100

128 44.7 35.1 52.7

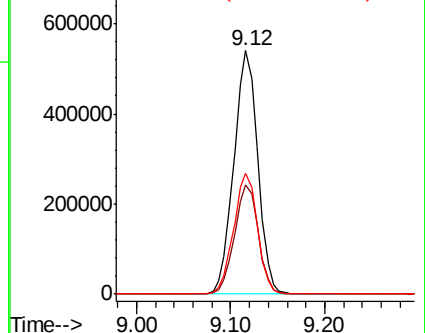
54 49.8 40.1 60.1

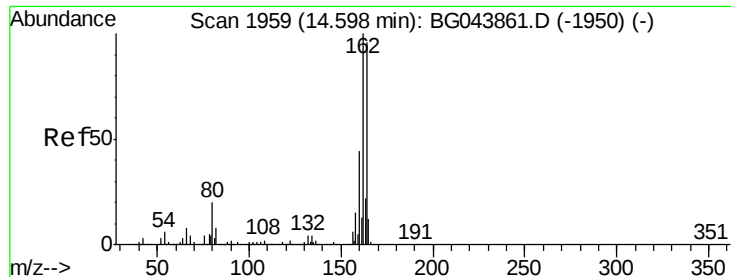


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG043891.D

Acq: 3 Jan 2020 17:17

Instrument :

BNA_G

ClientSampleId :

GW-7

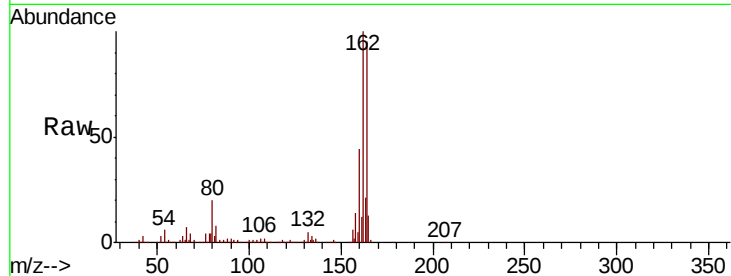
Tot Ion:164 Resp: 400789

Ion Ratio Lower Upper

164 100

162 105.3 83.0 124.4

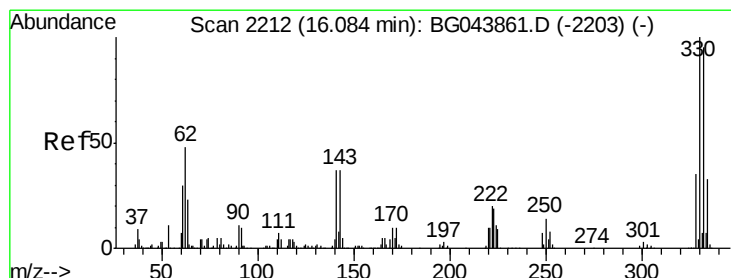
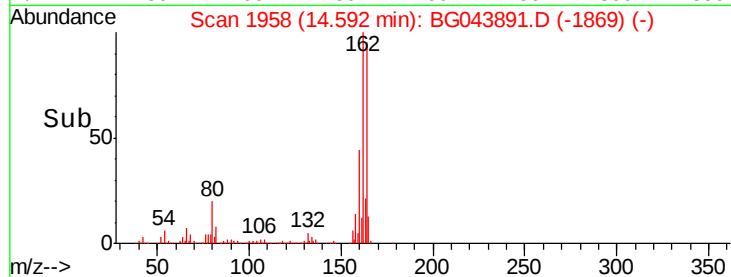
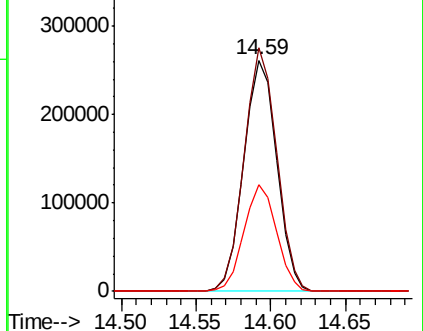
160 46.3 36.1 54.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 147.162 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BG043891.D

Acq: 3 Jan 2020 17:17

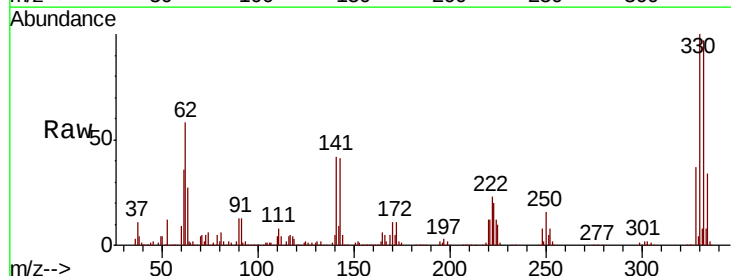
Tgt Ion:330 Resp: 617222

Ion Ratio Lower Upper

330 100

332 95.5 77.2 115.8

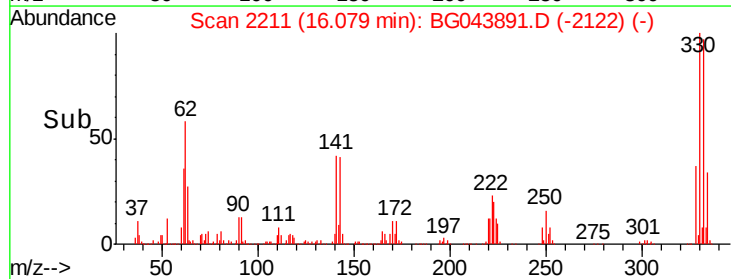
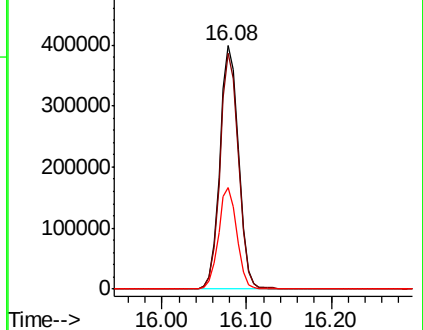
141 41.2 33.1 49.7

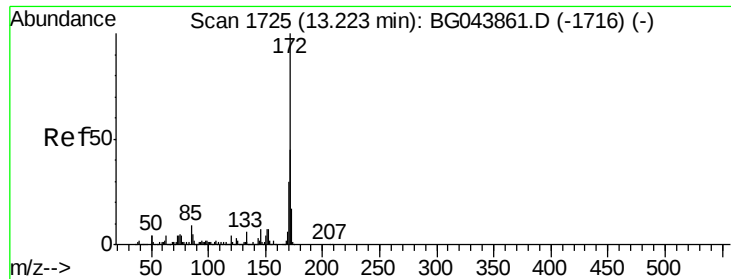


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

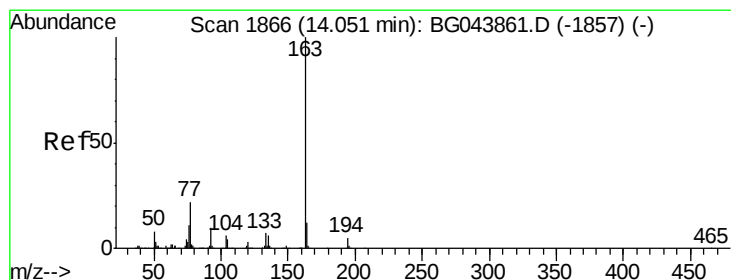
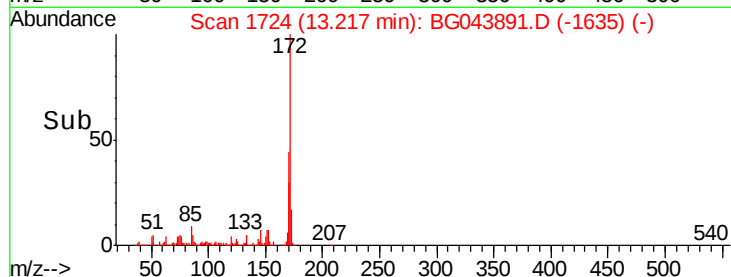
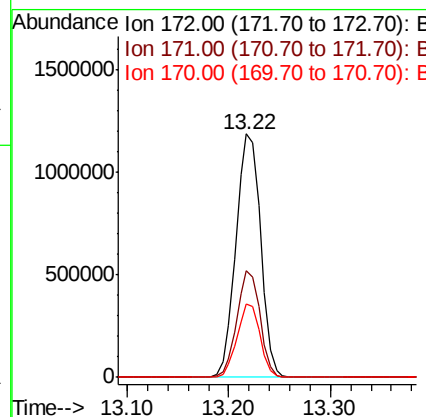
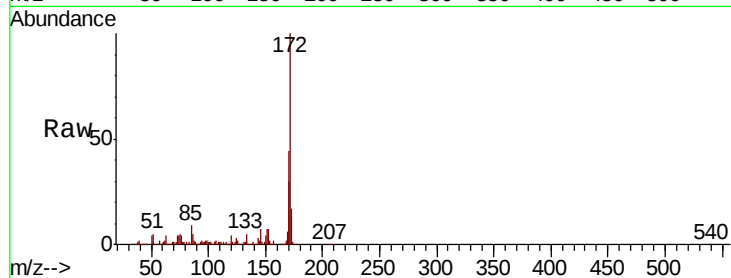




#45
2-Fluorobiphenyl
Concen: 90.394 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BG043891.D
Acq: 3 Jan 2020 17:17

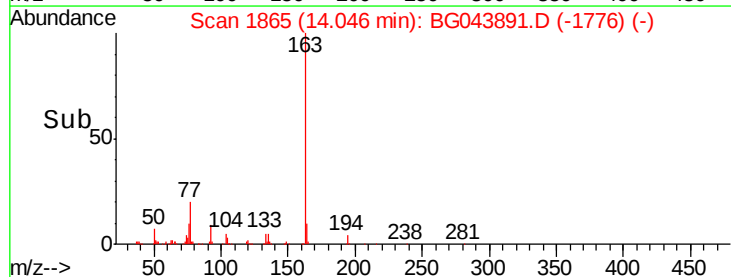
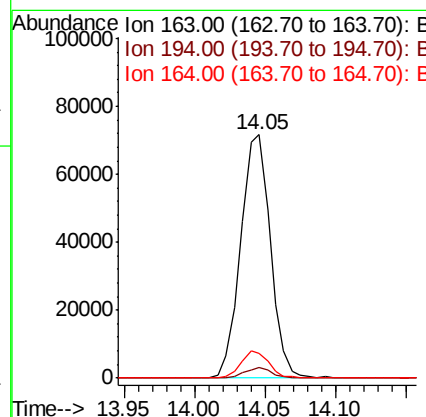
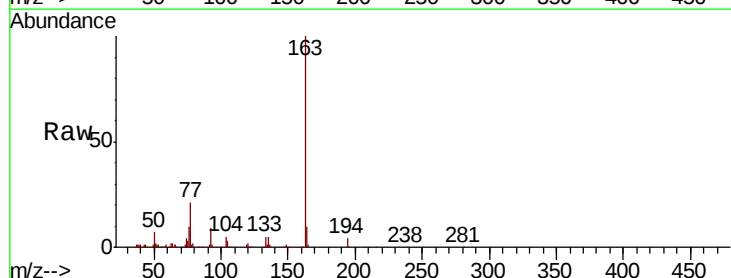
Instrument :
BNA_G
ClientSampleId :
GW-7

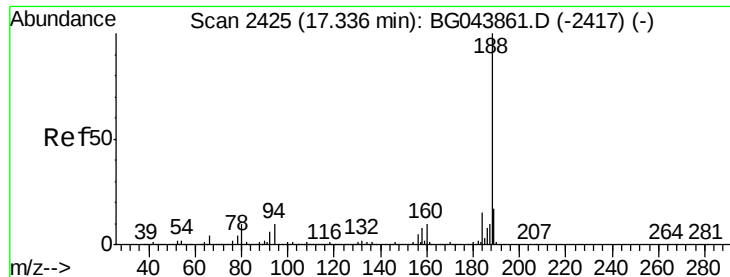
Tot Ion:172 Resp: 1999634
Ion Ratio Lower Upper
172 100
171 43.6 35.8 53.8
170 30.1 24.2 36.4



#50
Dimethylphthalate
Concen: 3.702 ng
RT: 14.05 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BG043891.D
Acq: 3 Jan 2020 17:17

Tgt Ion:163 Resp: 105351
Ion Ratio Lower Upper
163 100
194 4.3 3.7 5.5
164 10.0 9.3 13.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2425

Delta R.T. 0.00 min

Lab File: BG043891.D

Acq: 3 Jan 2020 17:17

Instrument :

BNA_G

ClientSampleId :

GW-7

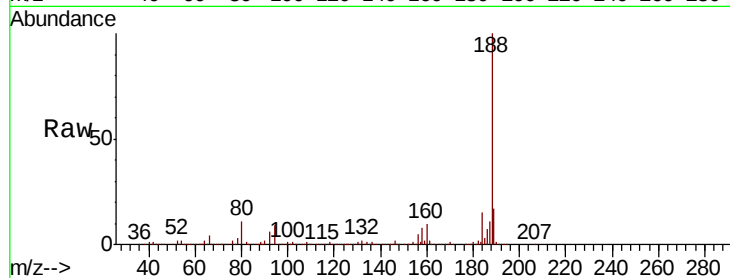
Tot Ion:188 Resp: 865874

Ion Ratio Lower Upper

188 100

94 9.5 7.9 11.9

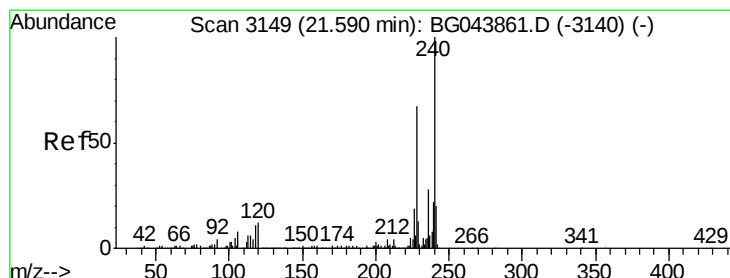
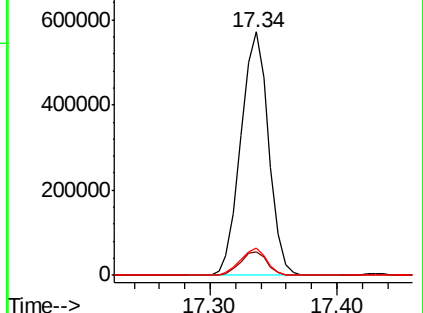
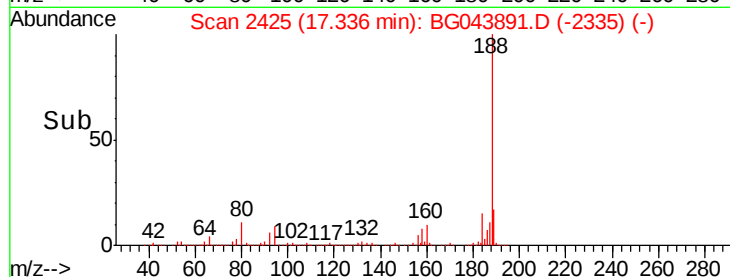
80 11.0 8.2 12.4



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: BG043891.D

Acq: 3 Jan 2020 17:17

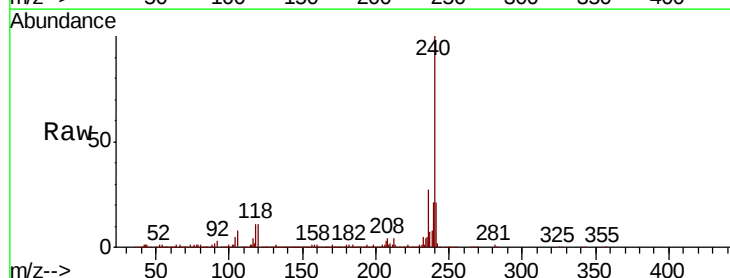
Tgt Ion:240 Resp: 737703

Ion Ratio Lower Upper

240 100

120 11.2 9.6 14.4

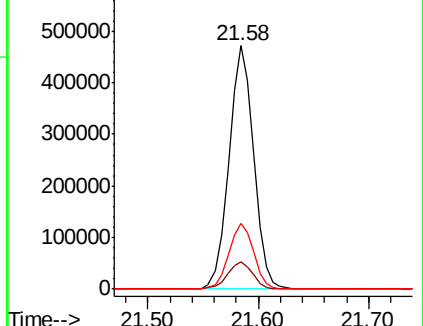
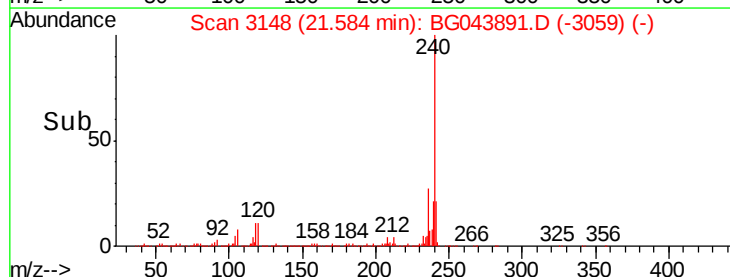
236 27.1 22.2 33.2

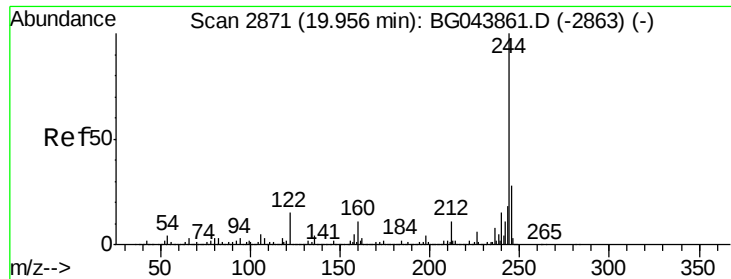


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 90.214 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG043891.D

Acq: 3 Jan 2020 17:17

Instrument :

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ClientSampleId :

GW-7

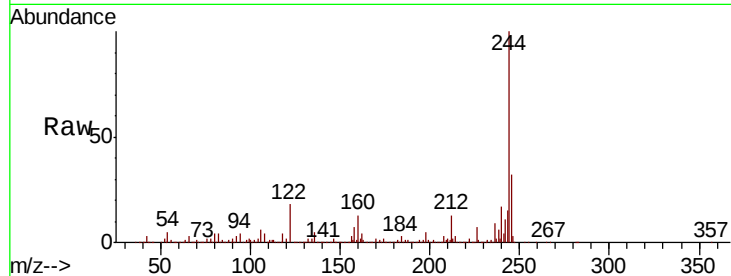
Tot Ion:244 Resp: 2716423

Ion Ratio Lower Upper

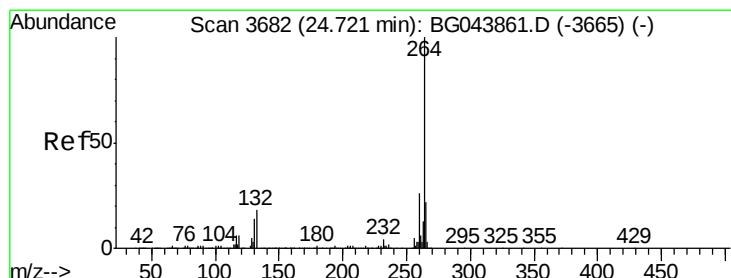
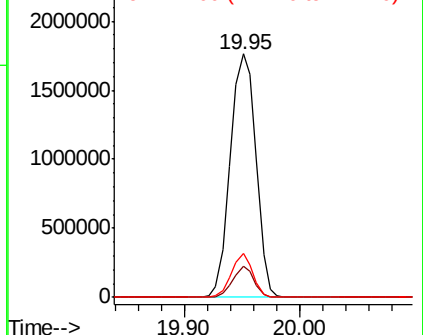
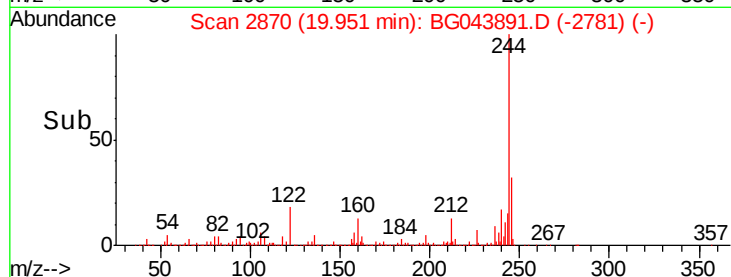
244 100

212 12.7 8.6 13.0

122 17.9 11.9 17.9#



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

Perylene-d12

Concen: 20.000 ng

RT: 24.71 min Scan# 3680

Delta R.T. -0.01 min

Lab File: BG043891.D

Acq: 3 Jan 2020 17:17

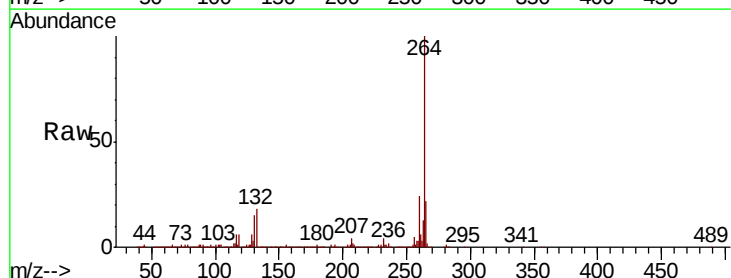
Tgt Ion:264 Resp: 822333

Ion Ratio Lower Upper

264 100

260 24.1 20.4 30.6

265 21.9 17.4 26.2



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

