

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
 Data File : BG043889.D
 Acq On : 3 Jan 2020 15:59
 Operator : JU
 Sample : K6460-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-6

Quant Time: Jan 03 22:42:43 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

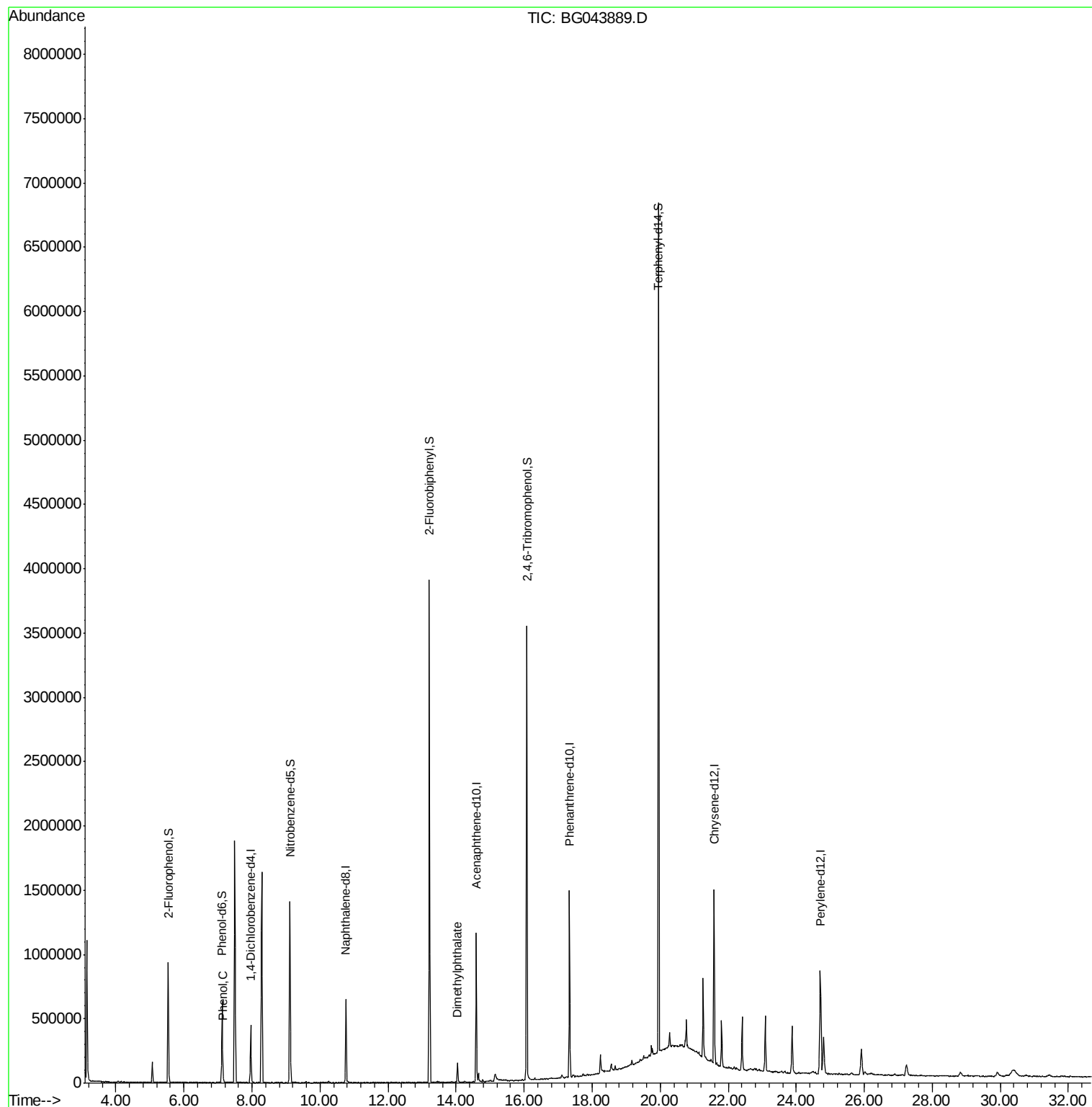
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	132539	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	572019	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	395060	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	864894	20.00	ng	0.00
76) Chrysene-d12	21.58	240	743262	20.00	ng	0.00
87) Perylene-d12	24.72	264	843825	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	430701	59.67	ng	0.00
7) Phenol-d6	7.12	99	384784	38.13	ng	0.00
23) Nitrobenzene-d5	9.12	82	895228	83.72	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	610172	147.59	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1911641	87.67	ng	0.00
79) Terphenyl-d14	19.95	244	2688603	88.04	ng	0.00
Target Compounds						
10) Phenol	7.15	94	26891	2.587	ng	99
50) Dimethylphthalate	14.04	163	105832	3.773	ng	# 95

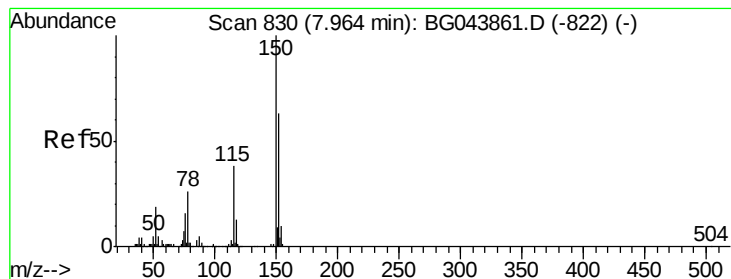
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.97 min Scan# 830

Delta R.T. 0.00 min

Lab File: BG043889.D

Acq: 3 Jan 2020 15:59

Instrument :

BNA_G

ClientSampleId :

GW-6

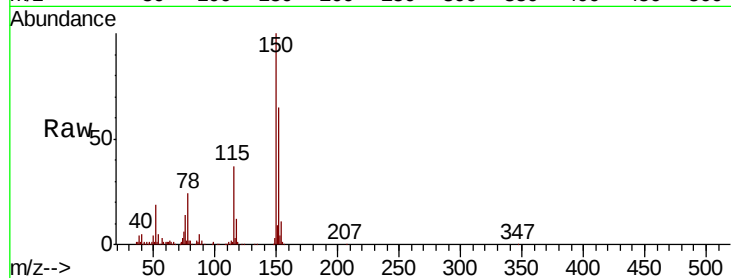
Tot Ion:152 Resp: 132539

Ion Ratio Lower Upper

152 100

150 154.4 127.0 190.4

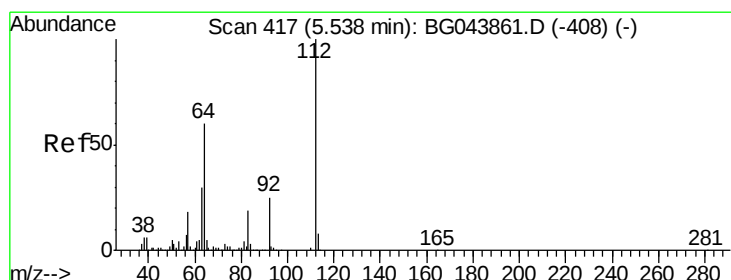
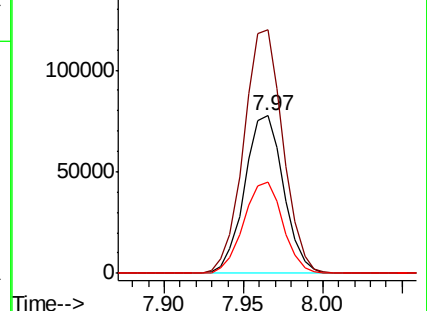
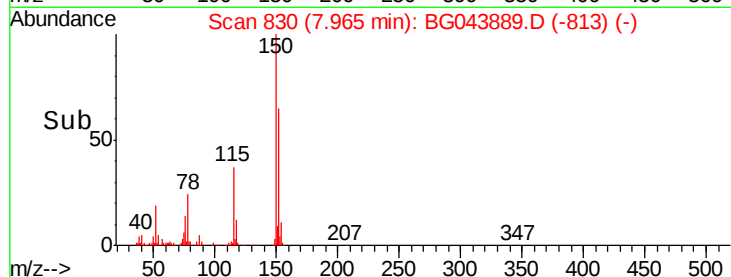
115 57.5 47.8 71.8



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: 59.667 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG043889.D

Acq: 3 Jan 2020 15:59

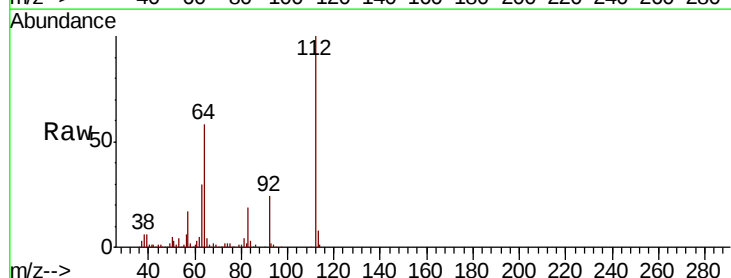
Tgt Ion:112 Resp: 430701

Ion Ratio Lower Upper

112 100

64 58.4 47.8 71.6

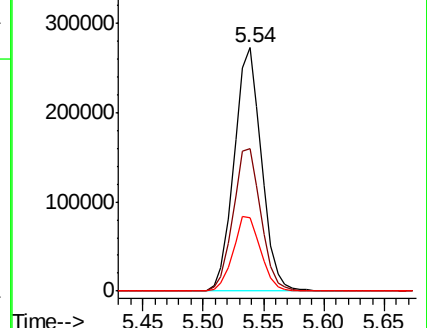
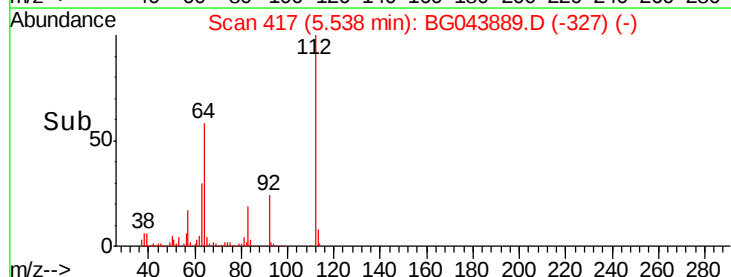
63 30.0 24.3 36.5

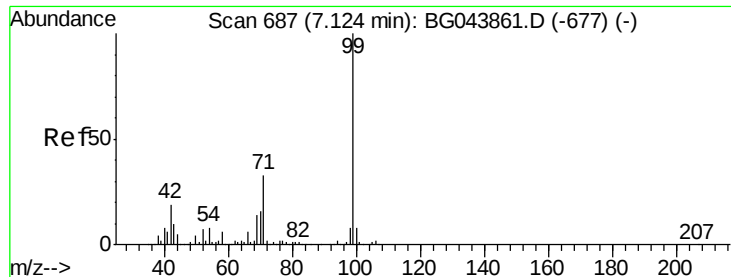


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 38.135 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG043889.D

Acq: 3 Jan 2020 15:59

Instrument :

BNA_G

ClientSampleId :

GW-6

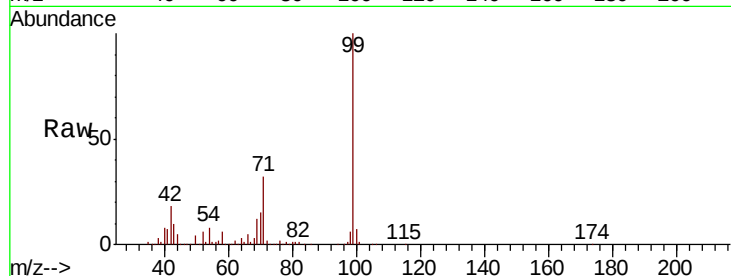
Tot Ion: 99 Resp: 384784

Ion Ratio Lower Upper

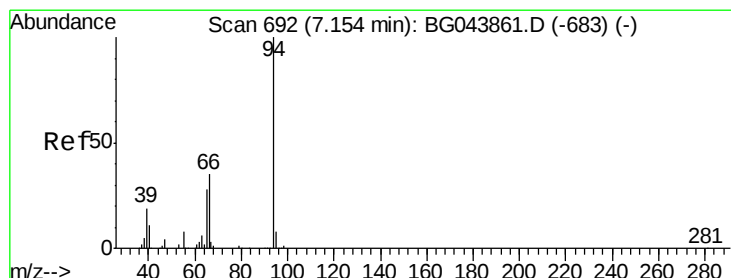
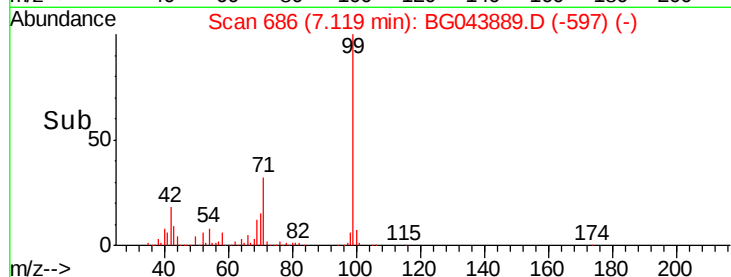
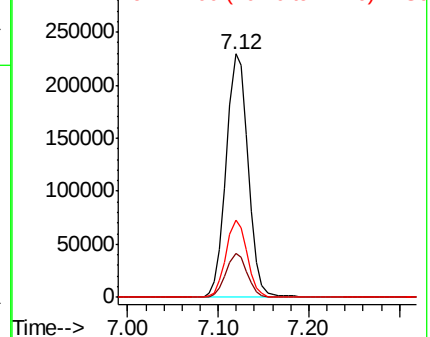
99 100

42 18.0 14.9 22.3

71 31.7 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: 2.587 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG043889.D

Acq: 3 Jan 2020 15:59

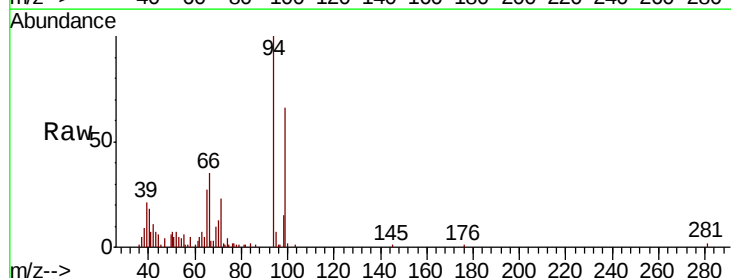
Tgt Ion: 94 Resp: 26891

Ion Ratio Lower Upper

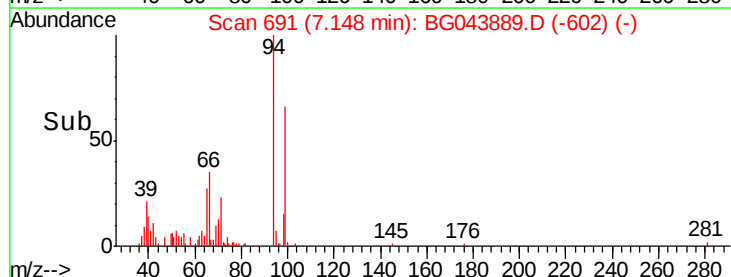
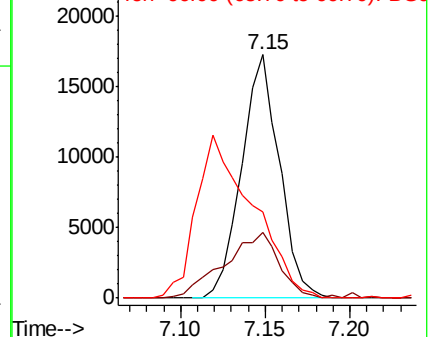
94 100

65 27.2 8.1 48.1

66 35.4 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: BG043889.D

Acq: 3 Jan 2020 15:59

Instrument :

BNA_G

ClientSampled :

GW-6

Tot Ion:136 Resp: 572019

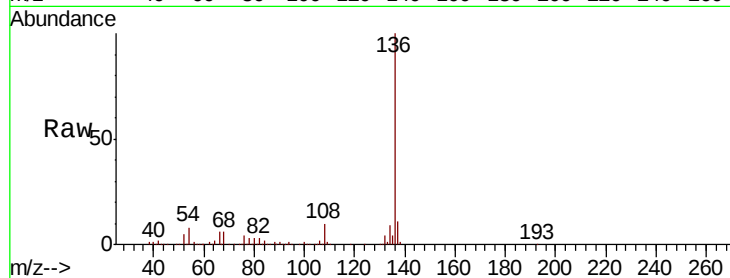
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 7.8 7.0 10.4

68 5.7 4.9 7.3

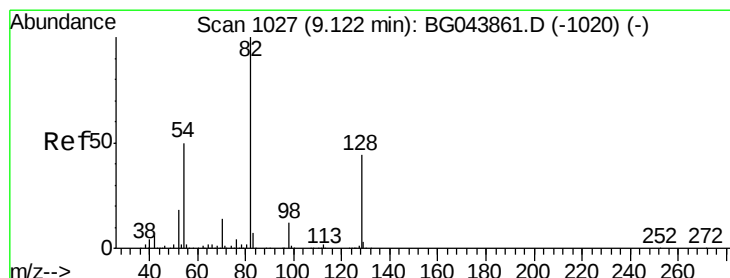
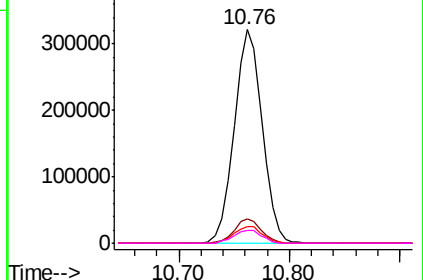
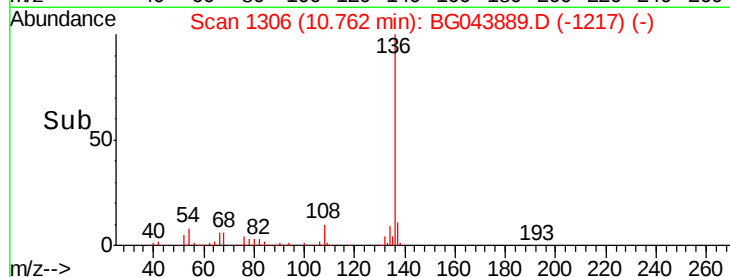


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.723 ng

RT: 9.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BG043889.D

Acq: 3 Jan 2020 15:59

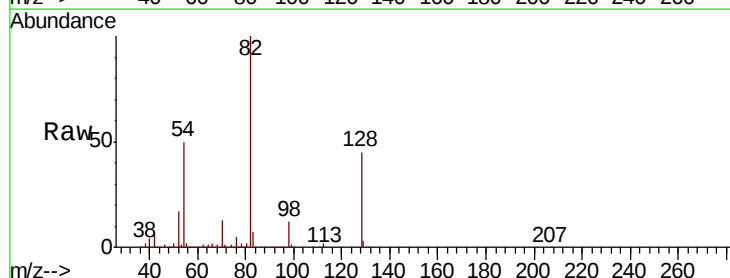
Tgt Ion: 82 Resp: 895228

Ion Ratio Lower Upper

82 100

128 44.6 35.1 52.7

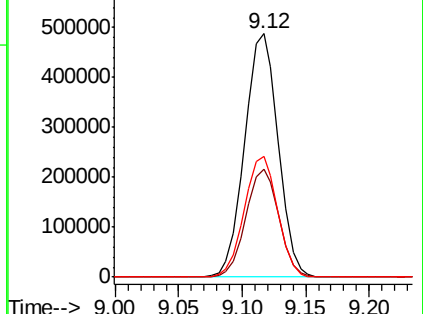
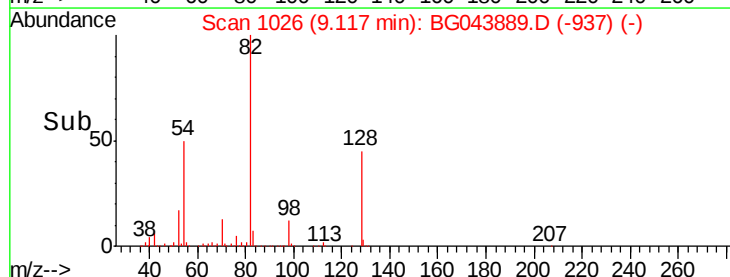
54 49.8 40.1 60.1

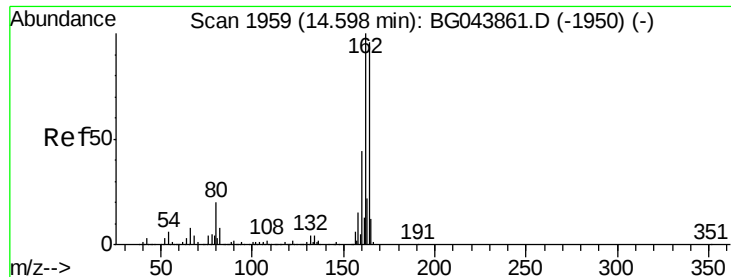


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: BG043889.D

Acq: 3 Jan 2020 15:59

Instrument :

BNA_G

ClientSampleId :

GW-6

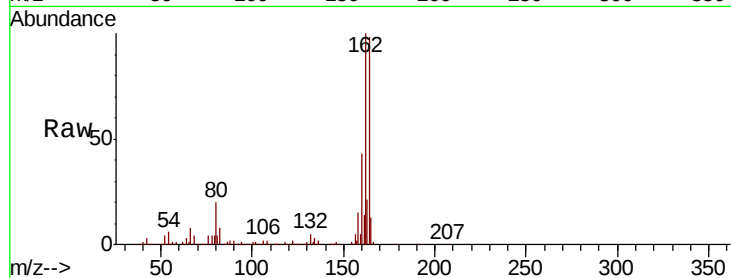
Tot Ion:164 Resp: 395060

Ion Ratio Lower Upper

164 100

162 102.5 83.0 124.4

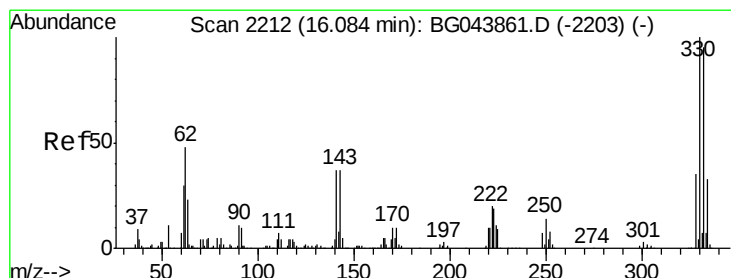
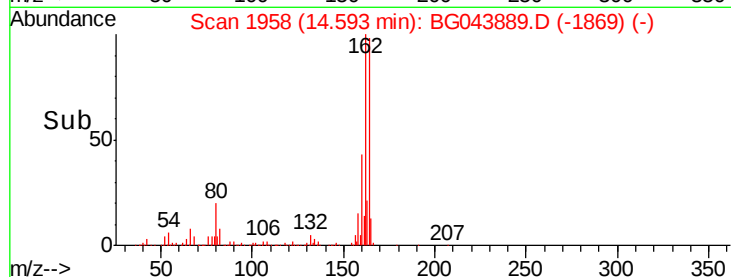
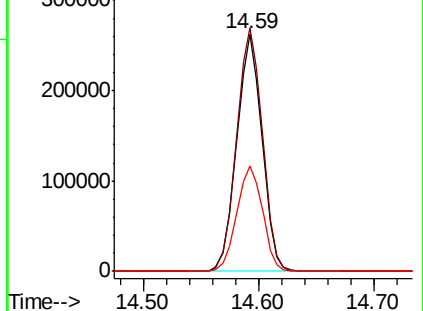
160 44.1 36.1 54.1



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: 147.590 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BG043889.D

Acq: 3 Jan 2020 15:59

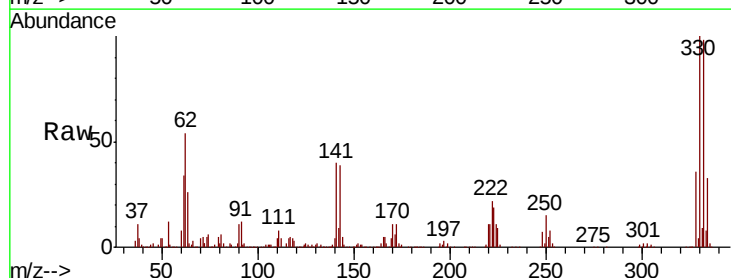
Tgt Ion:330 Resp: 610172

Ion Ratio Lower Upper

330 100

332 96.3 77.2 115.8

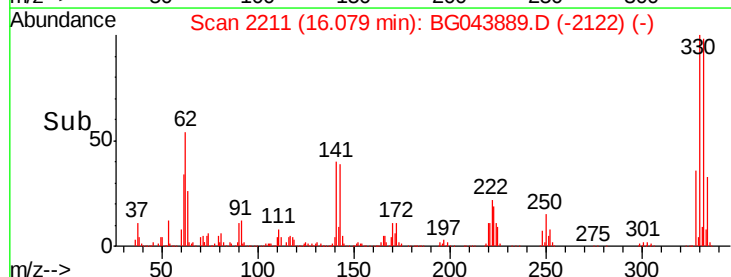
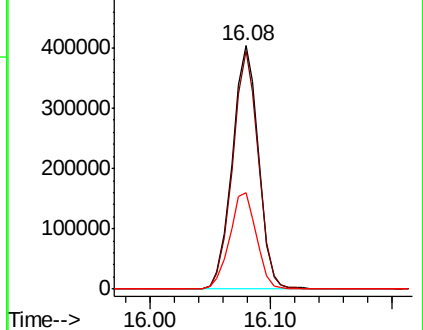
141 40.7 33.1 49.7



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

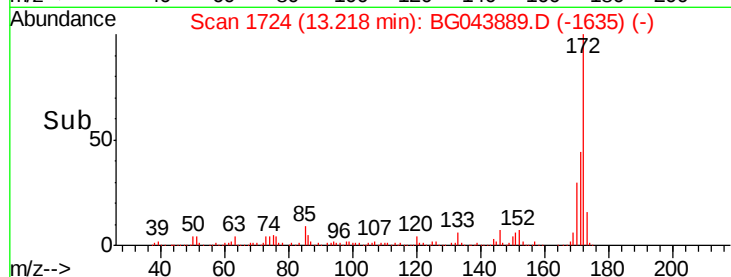
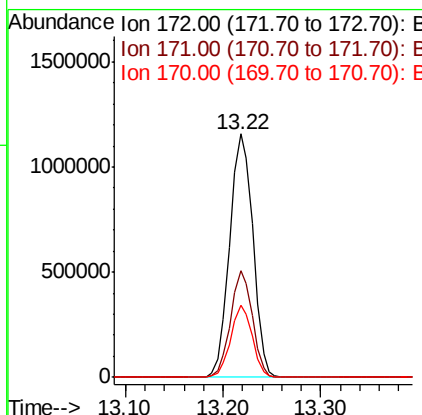
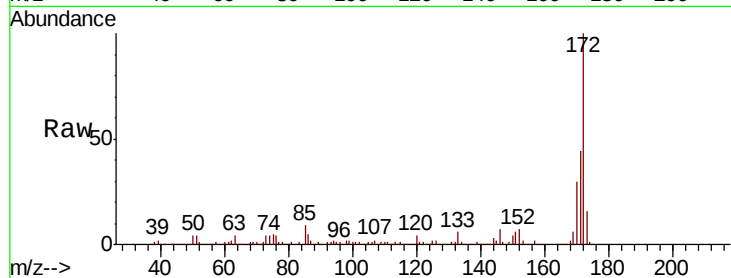




#45
2-Fluorobiphenyl
Concen: 87.669 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BG043889.D
Acq: 3 Jan 2020 15:59

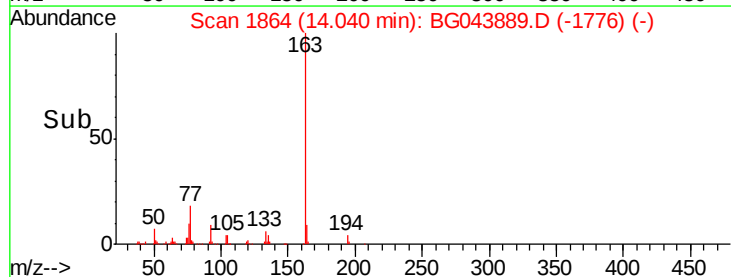
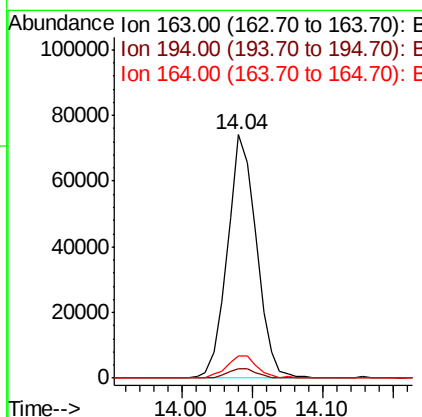
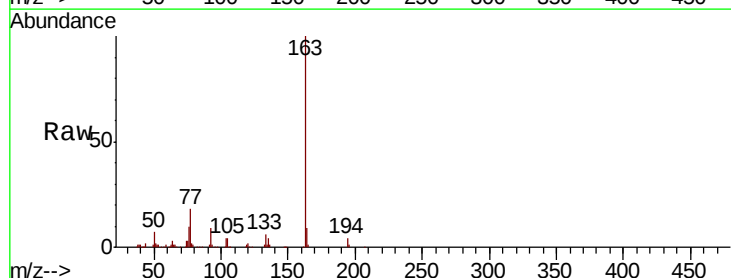
Instrument :
BNA_G
ClientSampleId :
GW-6

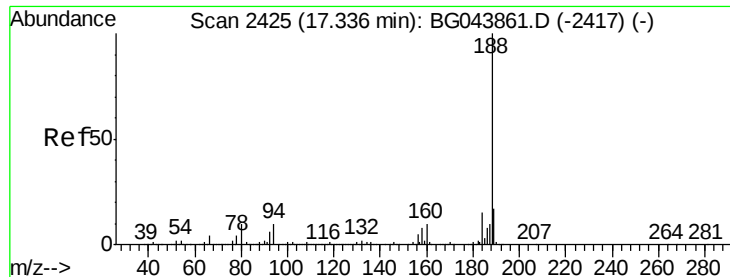
Tot Ion:172 Resp: 1911641
Ion Ratio Lower Upper
172 100
171 43.7 35.8 53.8
170 29.7 24.2 36.4



#50
Dimethylphthalate
Concen: 3.773 ng
RT: 14.04 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BG043889.D
Acq: 3 Jan 2020 15:59

Tgt Ion:163 Resp: 105832
Ion Ratio Lower Upper
163 100
194 3.7 3.7 5.5#
164 9.1 9.3 13.9#

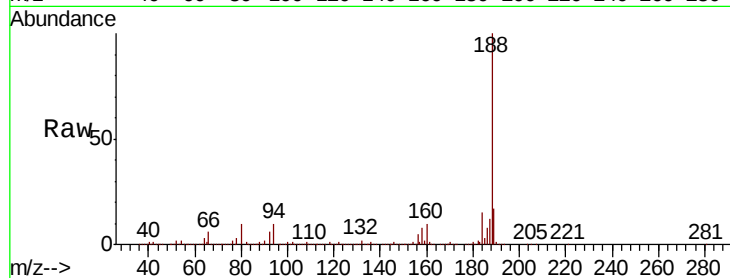




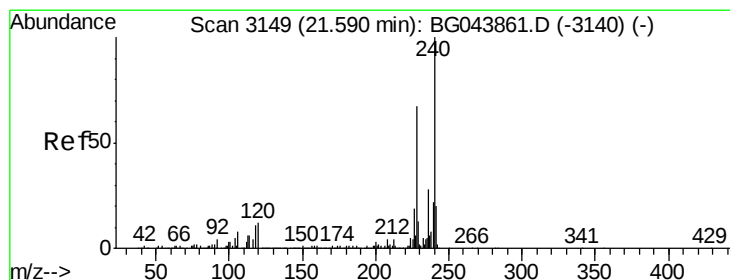
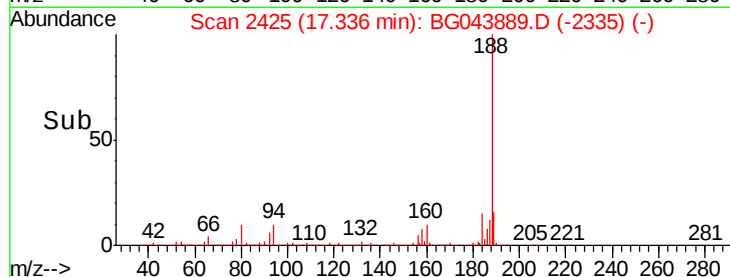
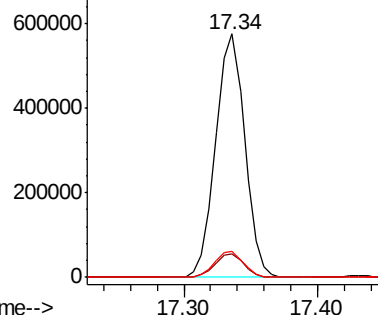
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG043889.D
Acq: 3 Jan 2020 15:59

Instrument :
BNA_G
ClientSampleId :
GW-6

Tot Ion:188 Resp: 864894
Ion Ratio Lower Upper
188 100
94 9.6 7.9 11.9
80 10.4 8.2 12.4

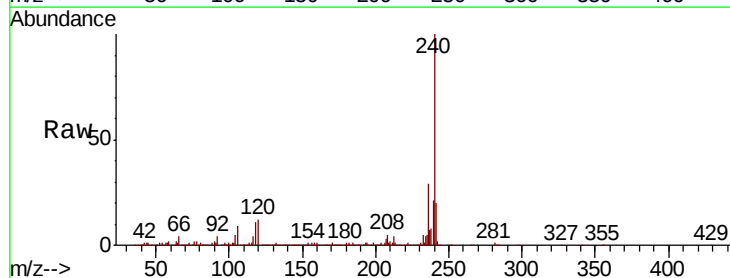


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

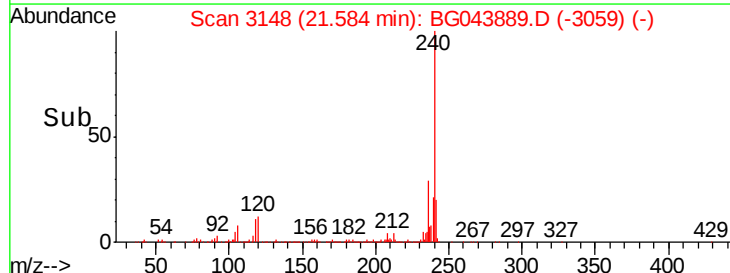
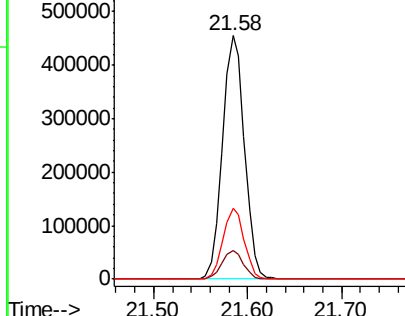


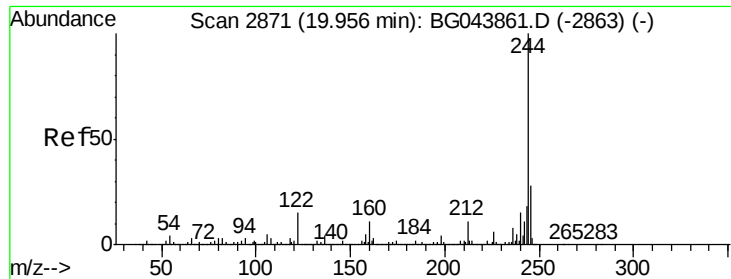
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.58 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG043889.D
Acq: 3 Jan 2020 15:59

Tgt Ion:240 Resp: 743262
Ion Ratio Lower Upper
240 100
120 11.7 9.6 14.4
236 28.9 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



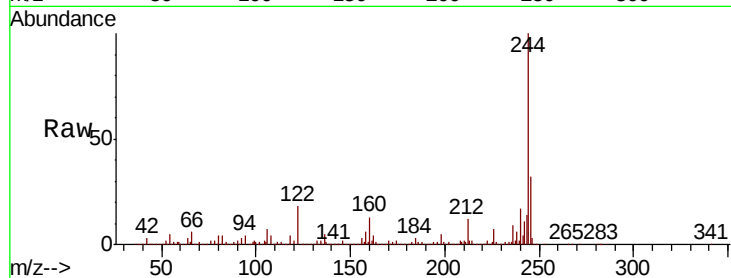


#79
 Terphenyl-d14
 Concen: 88.037 ng
 RT: 19.95 min Scan# 2870
 Delta R.T. -0.01 min
 Lab File: BG043889.D
 Acq: 3 Jan 2020 15:59

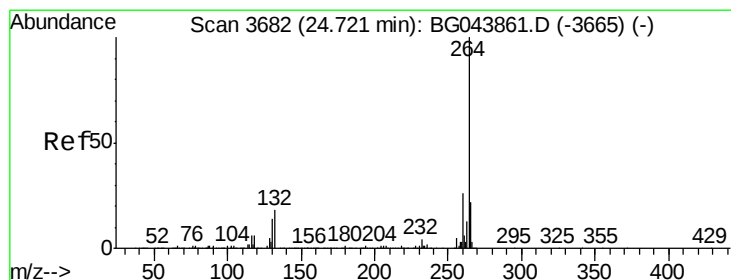
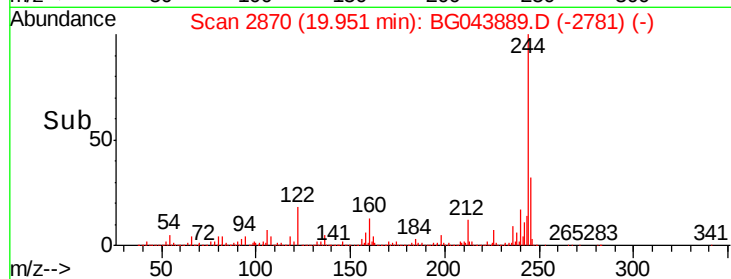
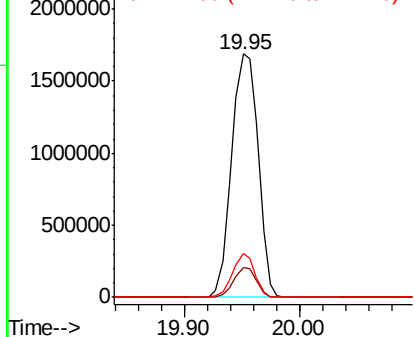
Instrument :
 BNA_G
 ClientSampleId :
 GW-6

Tot Ion:244 Resp: 2688603

Ion	Ratio	Lower	Upper
244	100		
212	12.3	8.6	13.0
122	17.8	11.9	17.9



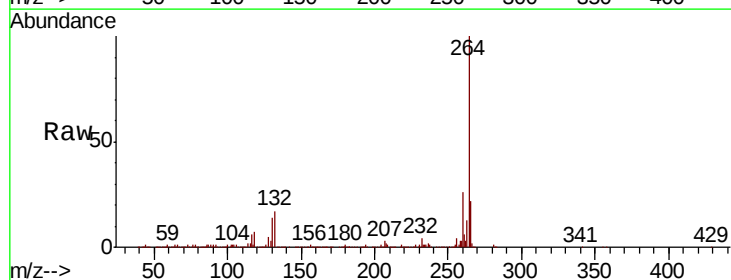
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.72 min Scan# 3681
 Delta R.T. -0.01 min
 Lab File: BG043889.D
 Acq: 3 Jan 2020 15:59

Tgt Ion:264 Resp: 843825

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.4	30.6
265	22.4	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

