

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011320\
 Data File : BG044023.D
 Acq On : 13 Jan 2020 22:18
 Operator : JU
 Sample : L1074-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CIY1-GW-02-13.5

Quant Time: Jan 14 10:33:51 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

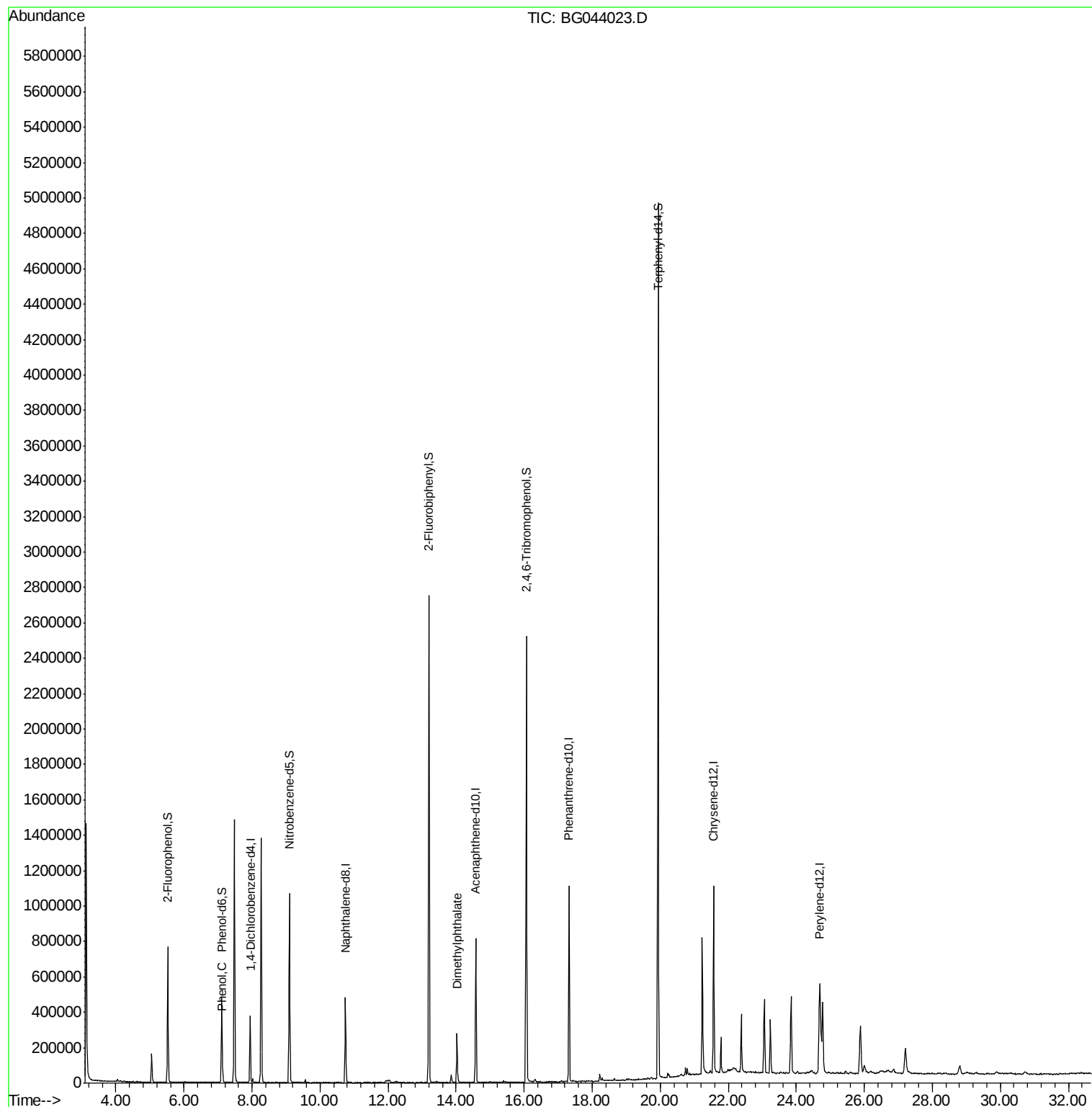
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	110825	20.00	ng	-0.02
21) Naphthalene-d8	10.75	136	444199	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	290249	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	682453	20.00	ng	-0.02
76) Chrysene-d12	21.57	240	626468	20.00	ng	-0.02
87) Perylene-d12	24.69	264	705939	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	376358	62.35	ng	-0.01
7) Phenol-d6	7.11	99	319214	37.84	ng	-0.01
23) Nitrobenzene-d5	9.10	82	686698	82.70	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	474530	156.23	ng	-0.02
45) 2-Fluorobiphenyl	13.20	172	1472078	91.89	ng	-0.02
79) Terphenyl-d14	19.94	244	2415460	96.16	ng	-0.02
Target Compounds						
10) Phenol	7.14	94	22652	2.606	ng	98
50) Dimethylphthalate	14.03	163	195445	9.484	ng	97

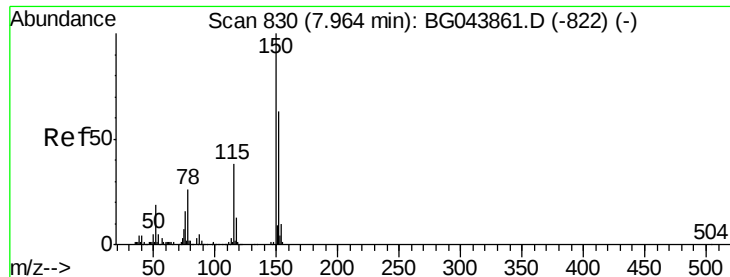
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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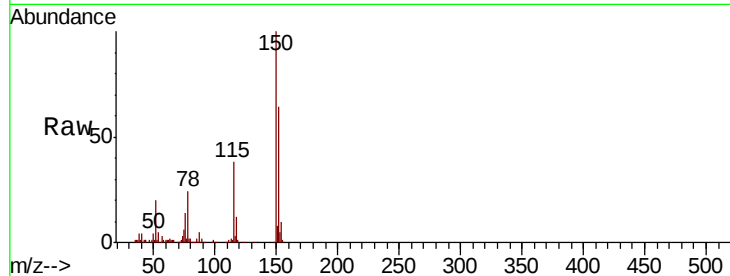


#1

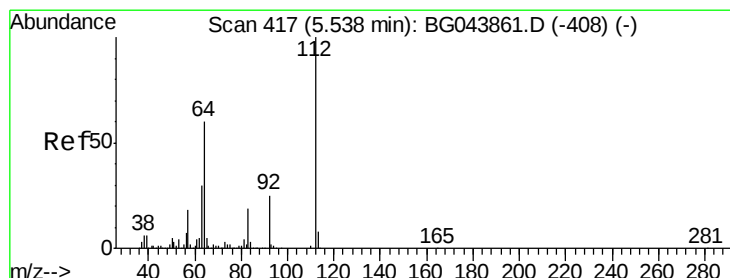
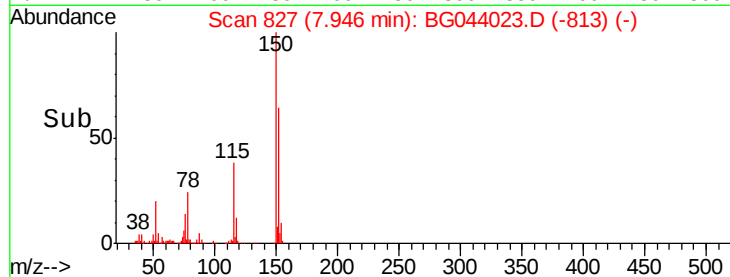
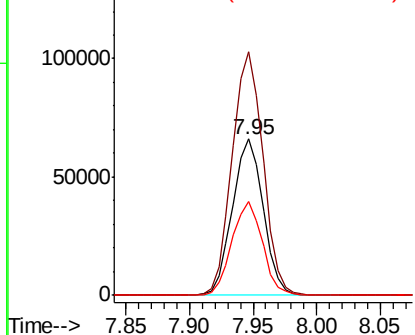
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG044023.D
Acq: 13 Jan 2020 22:18

Instrument :
BNA_G
ClientSampleId :
CIY1-GW-02-13.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	127.0	190.4
115	59.8	47.8	71.8



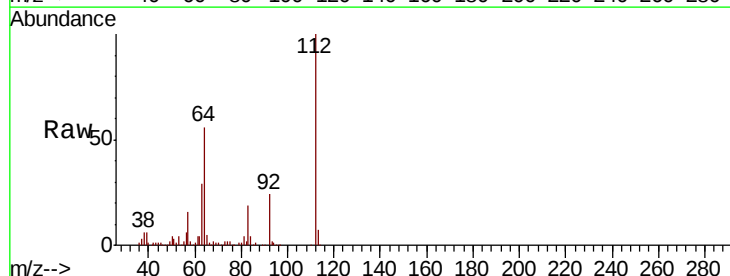
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



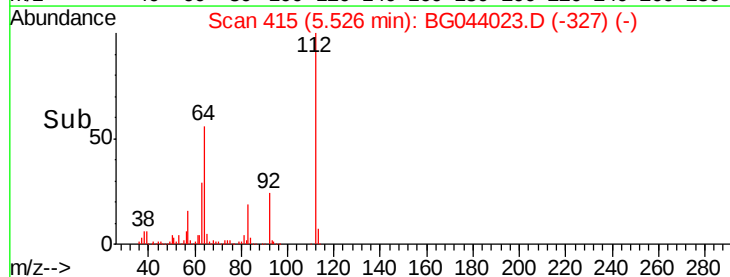
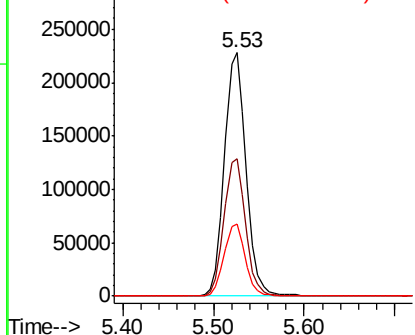
#5

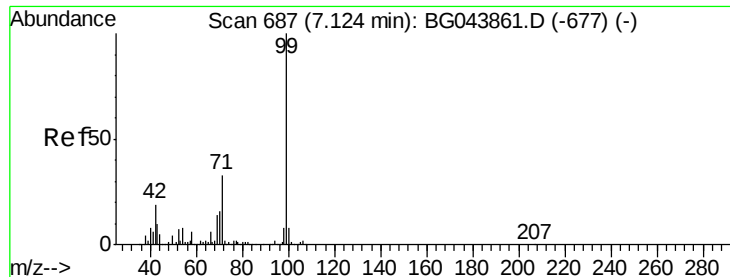
2-Fluorophenol
Concen: 62.354 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG044023.D
Acq: 13 Jan 2020 22:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.8	71.6
63	29.4	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: 37.835 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG044023.D

Acq: 13 Jan 2020 22:18

Instrument :

BNA_G

ClientSampleId :

CIY1-GW-02-13.5

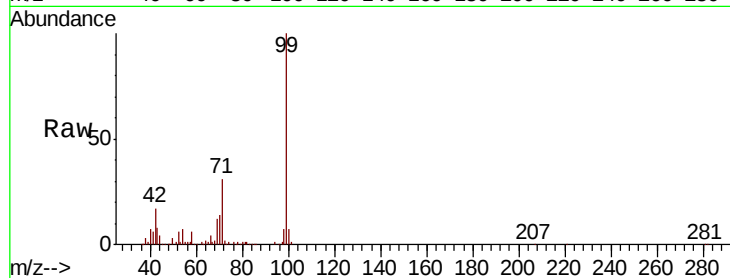
Tot Ion: 99 Resp: 319214

Ion Ratio Lower Upper

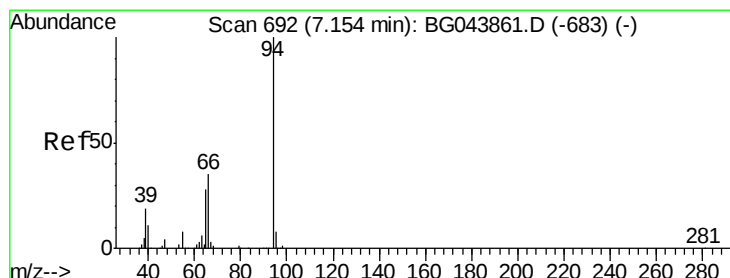
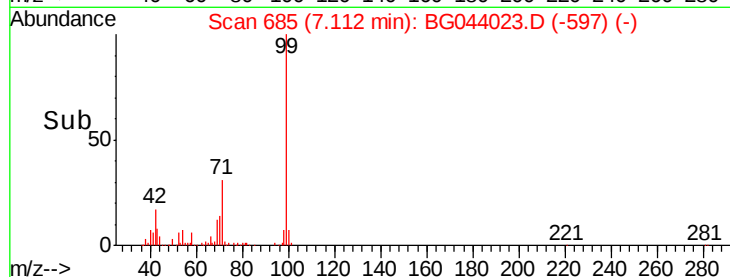
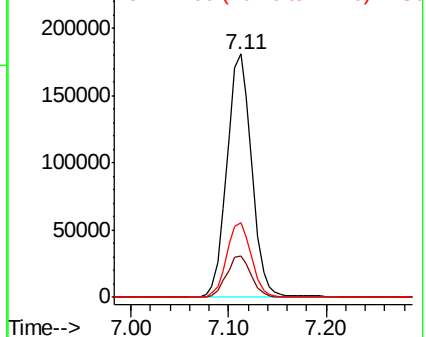
99 100

42 17.2 14.9 22.3

71 30.9 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: 2.606 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.02 min

Lab File: BG044023.D

Acq: 13 Jan 2020 22:18

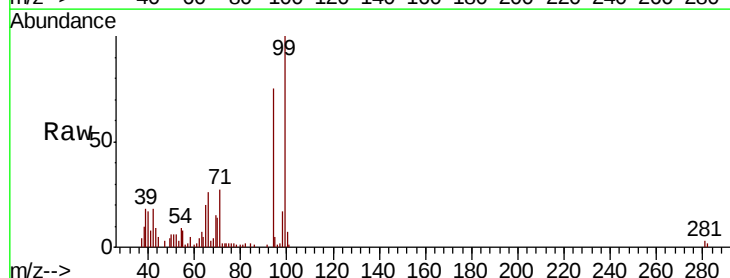
Tgt Ion: 94 Resp: 22652

Ion Ratio Lower Upper

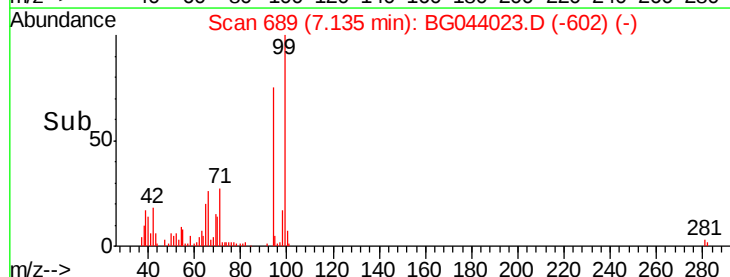
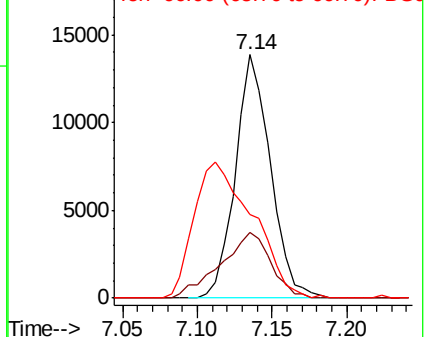
94 100

65 27.1 8.1 48.1

66 34.6 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

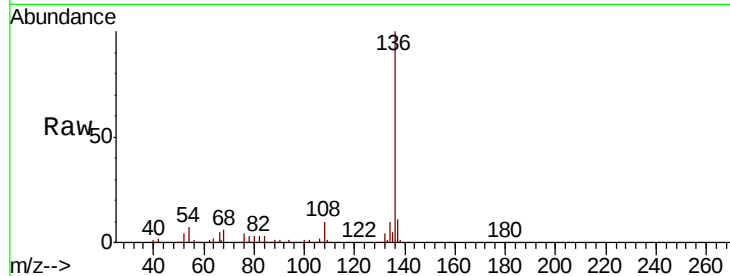




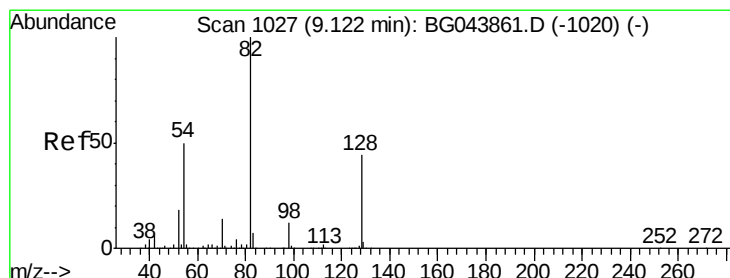
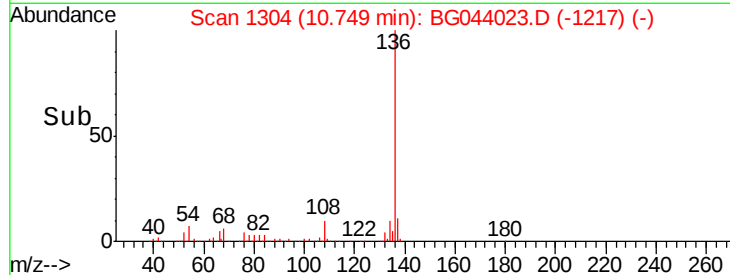
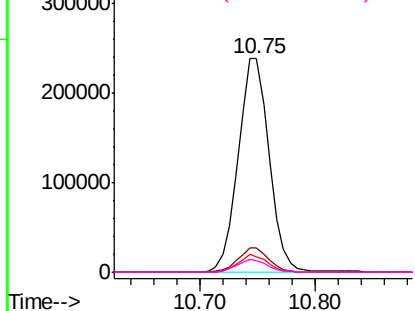
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG044023.D
Acq: 13 Jan 2020 22:18

Instrument :
BNA_G
ClientSampleId :
CIY1-GW-02-13.5

Tot Ion:136	Resp:	444199
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.8	13.2
54 7.2	7.0	10.4
68 5.7	4.9	7.3

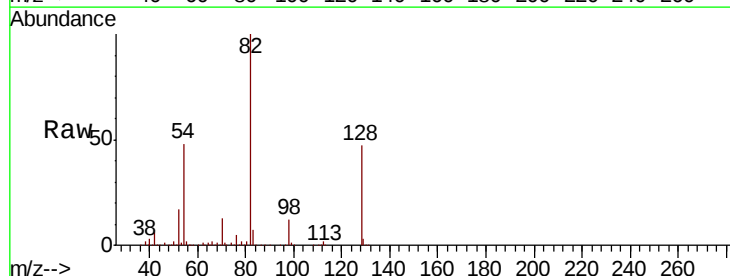


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

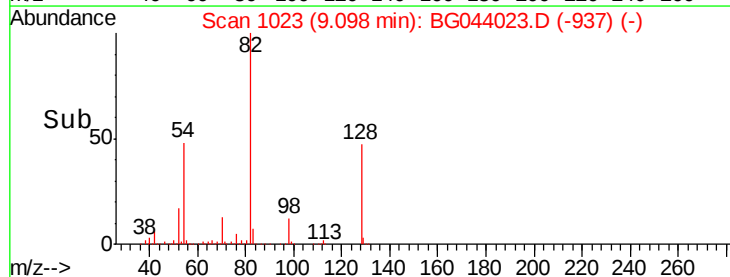
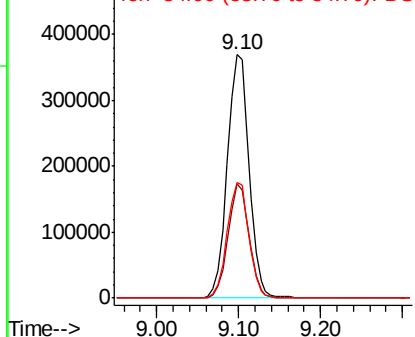


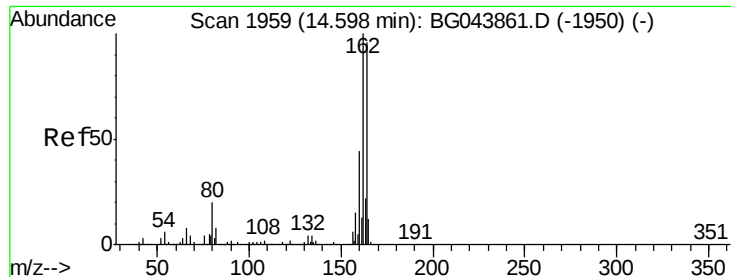
#23
Nitrobenzene-d5
Concen: 82.701 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG044023.D
Acq: 13 Jan 2020 22:18

Tgt	Ion: 82	Resp:	686698
Ion	Ratio	Lower	Upper
82	100		
128	46.8	35.1	52.7
54	47.7	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: 14.58 min Scan# 1956

Delta R.T. -0.02 min

Lab File: BG044023.D

Acq: 13 Jan 2020 22:18

Instrument :

BNA_G

ClientSampleId :

CIY1-GW-02-13.5

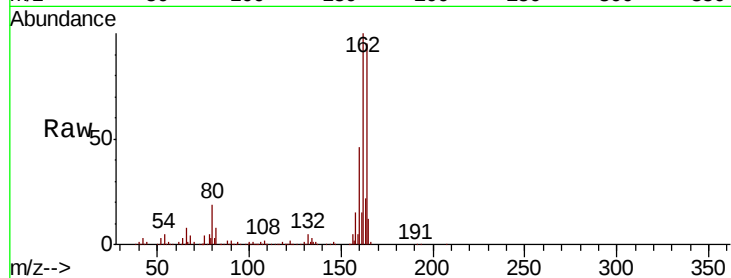
Tot Ion:164 Resp: 290249

Ion Ratio Lower Upper

164 100

162 104.8 83.0 124.4

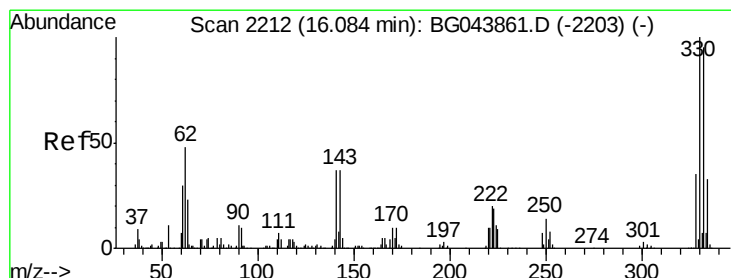
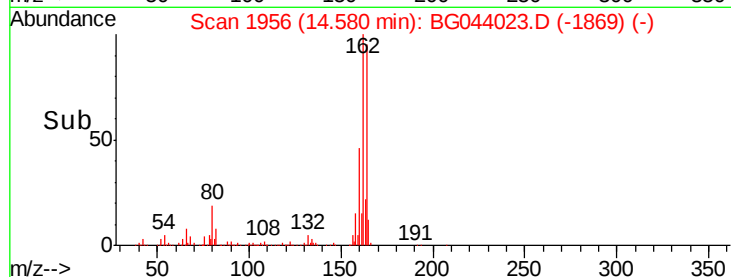
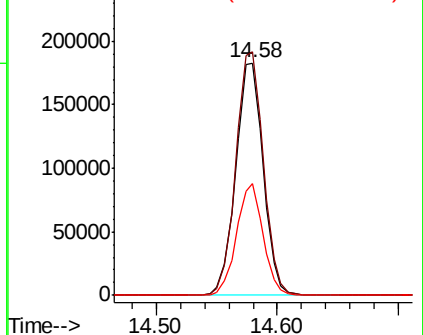
160 47.9 36.1 54.1



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: 156.229 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.02 min

Lab File: BG044023.D

Acq: 13 Jan 2020 22:18

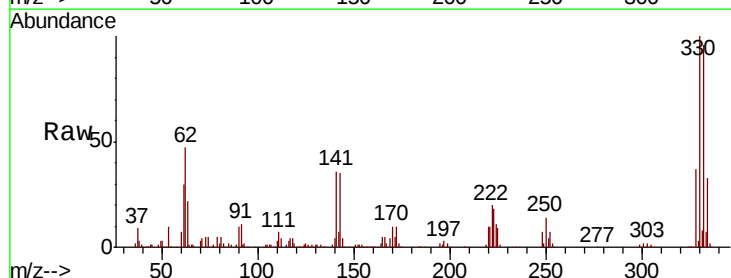
Tgt Ion:330 Resp: 474530

Ion Ratio Lower Upper

330 100

332 95.9 77.2 115.8

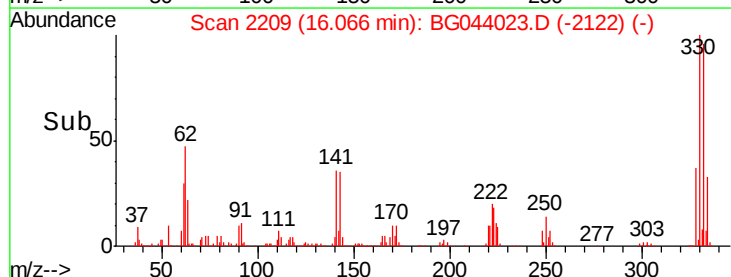
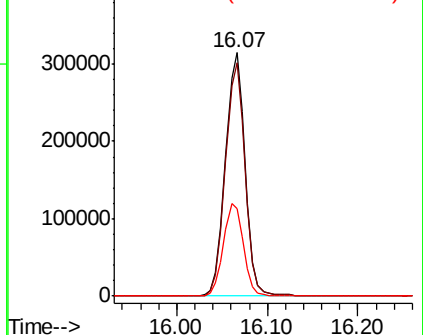
141 38.6 33.1 49.7



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

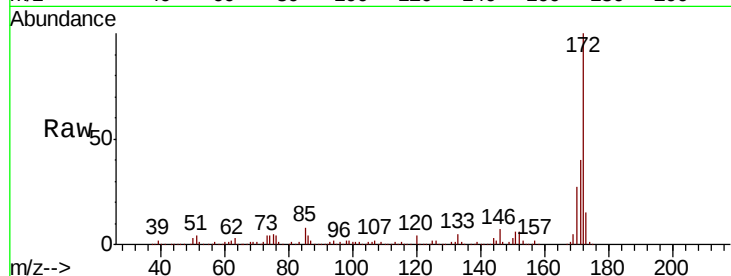




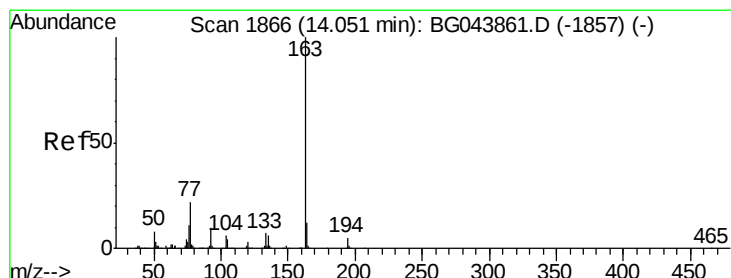
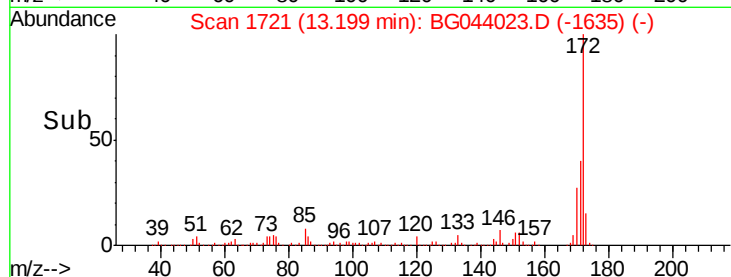
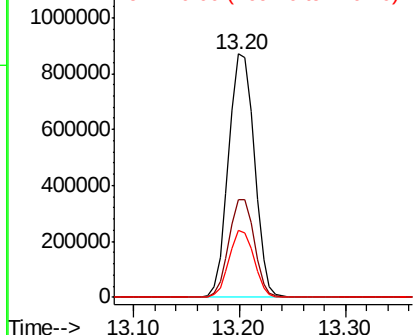
#45
2-Fluorobiphenyl
Concen: 91.889 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BG044023.D
Acq: 13 Jan 2020 22:18

Instrument :
BNA_G
ClientSampleId :
CIY1-GW-02-13.5

Tot Ion:172 Resp: 1472078
Ion Ratio Lower Upper
172 100
171 40.3 35.8 53.8
170 27.3 24.2 36.4

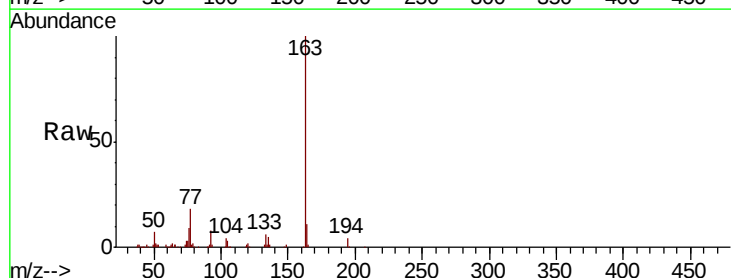


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

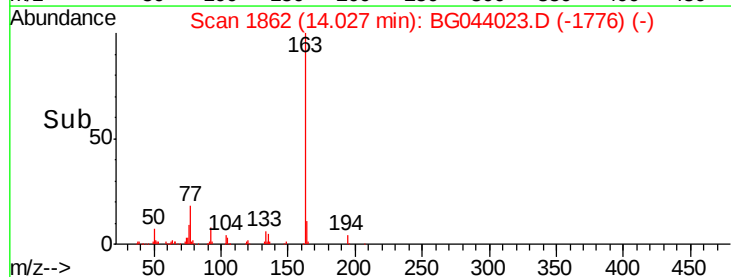
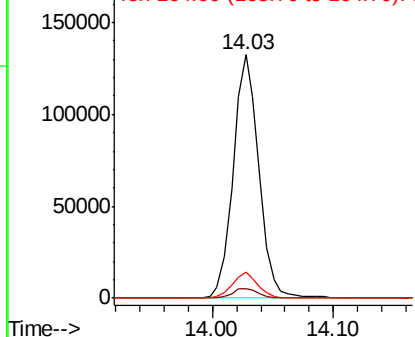


#50
Dimethylphthalate
Concen: 9.484 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.02 min
Lab File: BG044023.D
Acq: 13 Jan 2020 22:18

Tgt Ion:163 Resp: 195445
Ion Ratio Lower Upper
163 100
194 3.8 3.7 5.5
164 10.5 9.3 13.9



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

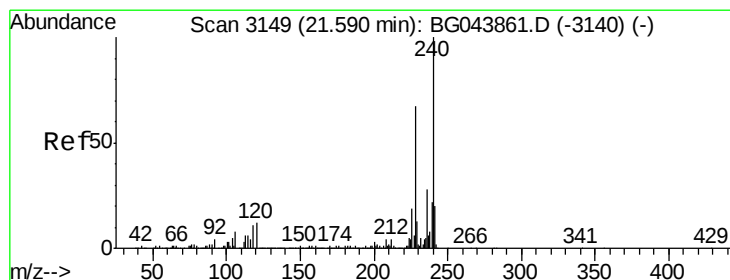
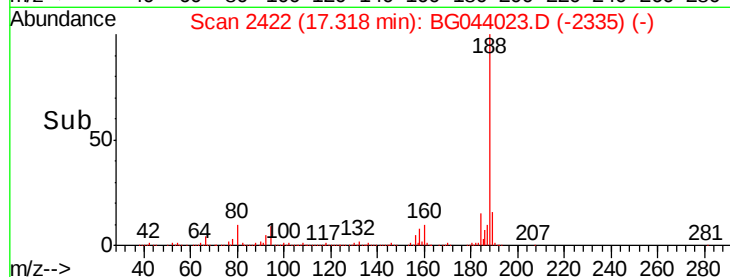
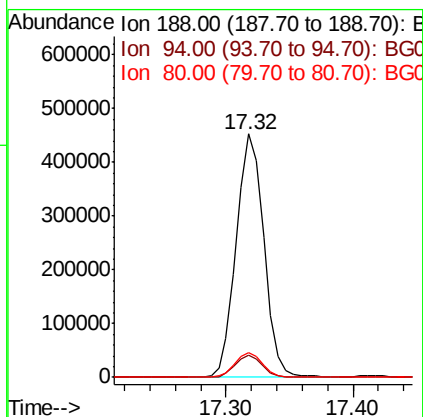
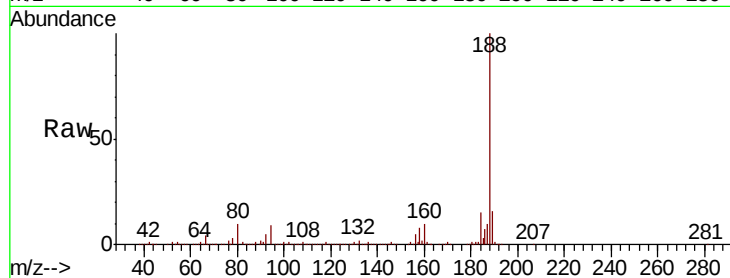




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BG044023.D
Acq: 13 Jan 2020 22:18

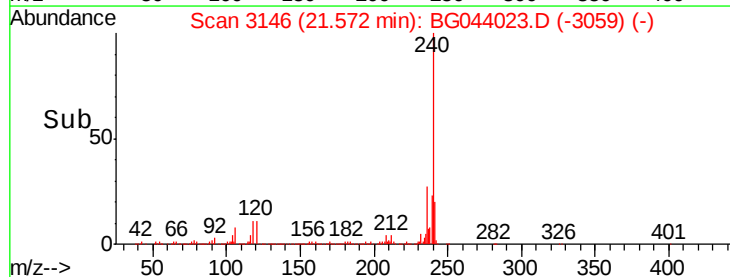
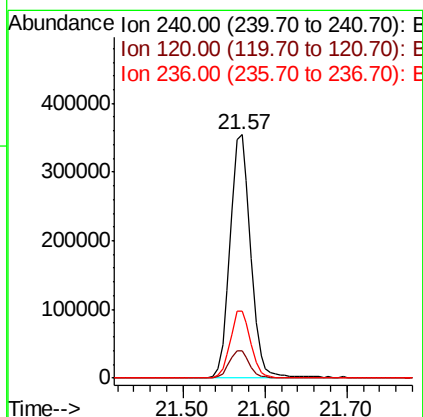
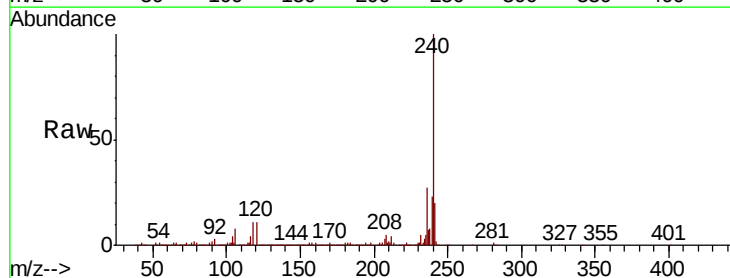
Instrument :
BNA_G
ClientSampleId :
CIY1-GW-02-13.5

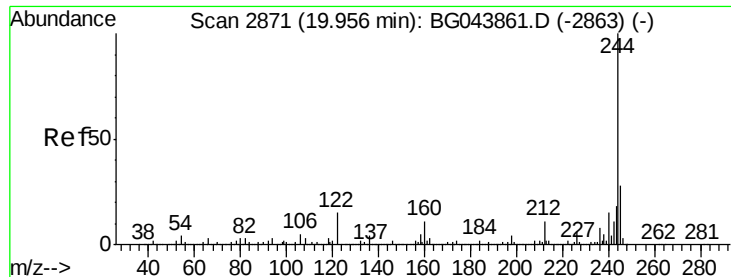
Tot Ion:188 Resp: 682453
Ion Ratio Lower Upper
188 100
94 9.3 7.9 11.9
80 10.2 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.02 min
Lab File: BG044023.D
Acq: 13 Jan 2020 22:18

Tgt Ion:240 Resp: 626468
Ion Ratio Lower Upper
240 100
120 11.4 9.6 14.4
236 27.5 22.2 33.2





#79

Terphenyl-d14

Concen: 96.156 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.02 min

Lab File: BG044023.D

Acq: 13 Jan 2020 22:18

Instrument :

BNA_G

ClientSampleId :

CIY1-GW-02-13.5

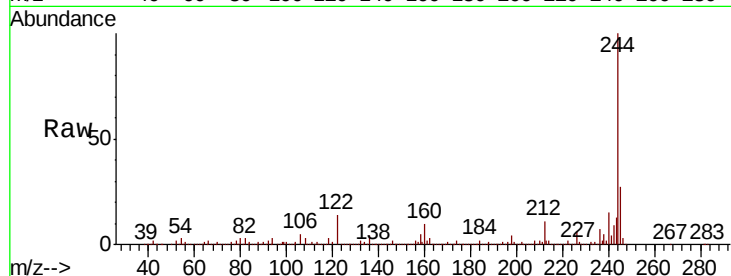
Tot Ion:244 Resp: 2415460

Ion Ratio Lower Upper

244 100

212 10.6 8.6 13.0

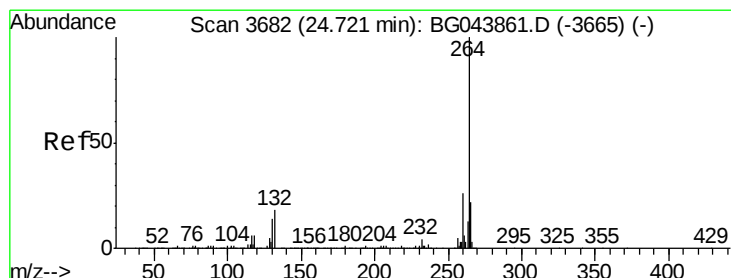
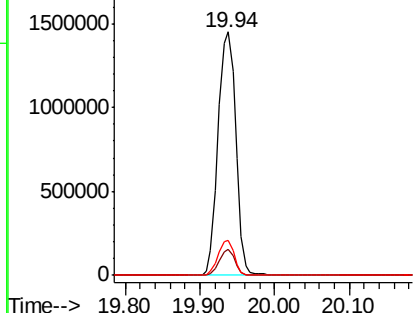
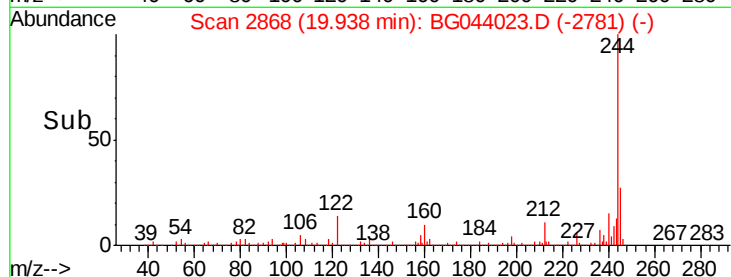
122 14.4 11.9 17.9



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: 24.69 min Scan# 3677

Delta R.T. -0.03 min

Lab File: BG044023.D

Acq: 13 Jan 2020 22:18

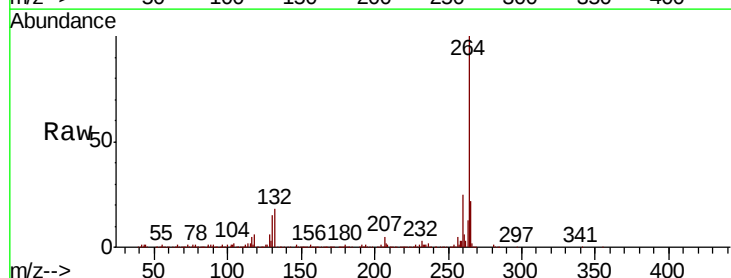
Tgt Ion:264 Resp: 705939

Ion Ratio Lower Upper

264 100

260 24.8 20.4 30.6

265 21.7 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

