

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
 Data File : BG044108.D
 Acq On : 20 Jan 2020 21:38
 Operator : JU
 Sample : L1165-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 QVD-GW-01-45

Quant Time: Jan 21 07:04:46 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

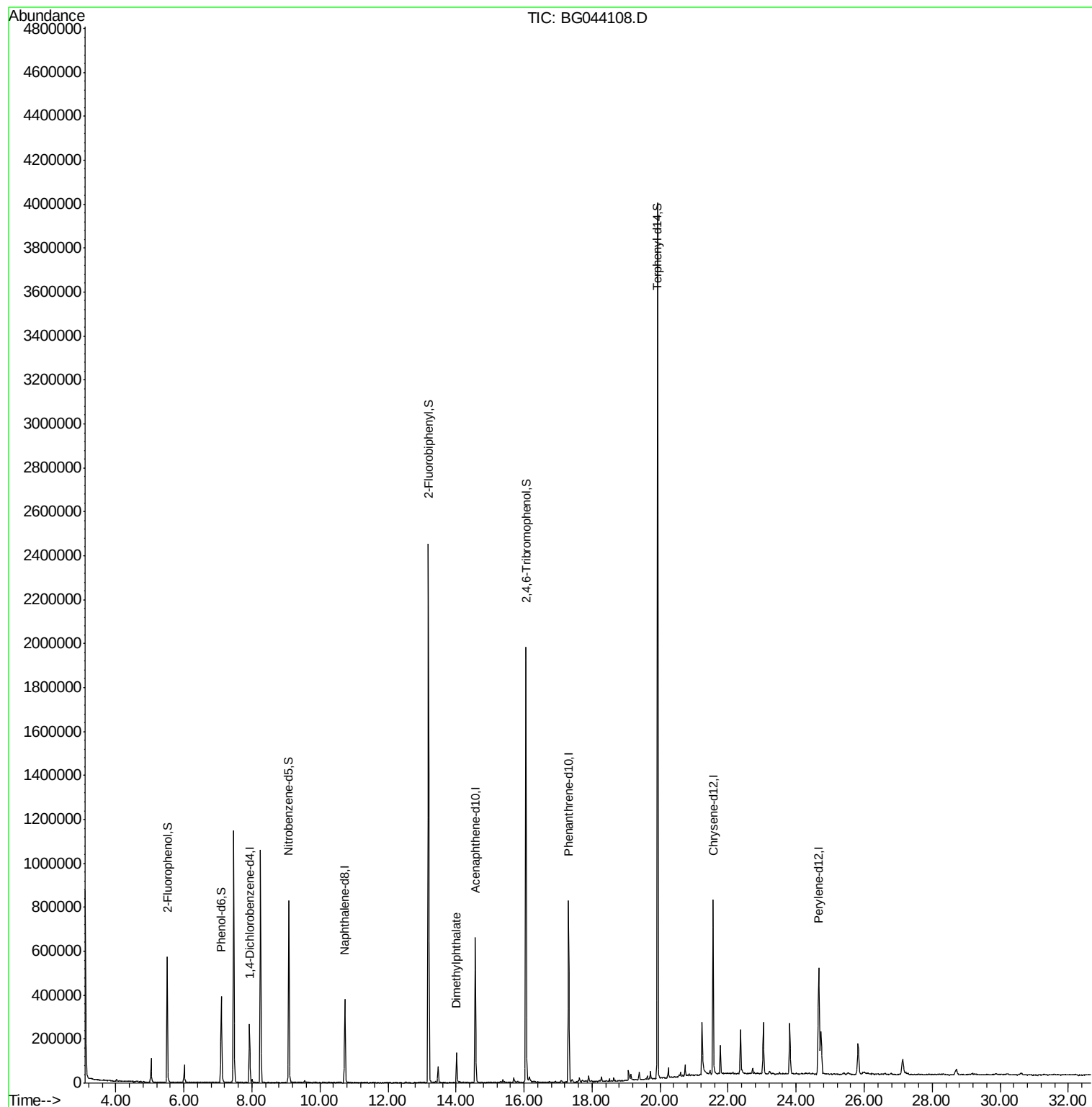
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	75351	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	342771	20.00	ng	-0.03
39) Acenaphthene-d10	14.57	164	241101	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	523838	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	449023	20.00	ng	-0.03
87) Perylene-d12	24.67	264	499318	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	288288	70.25	ng	-0.03
7) Phenol-d6	7.10	99	256442	44.70	ng	-0.03
23) Nitrobenzene-d5	9.08	82	540368	84.33	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	380115	150.66	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1273607	95.71	ng	-0.03
79) Terphenyl-d14	19.92	244	1860401	106.47	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.02	163	100086	5.846	ng	Qvalue 95

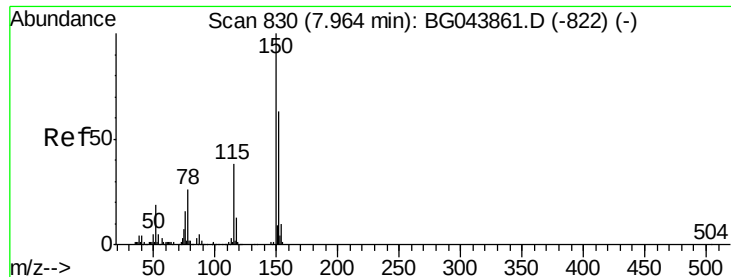
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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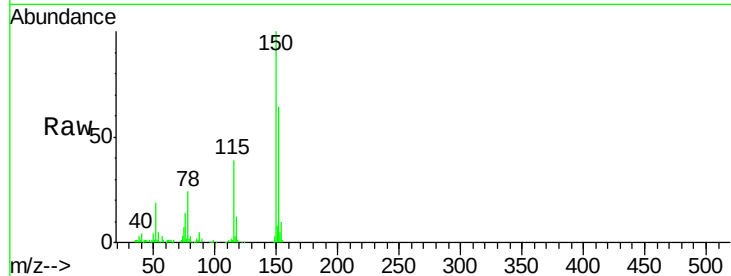


#1

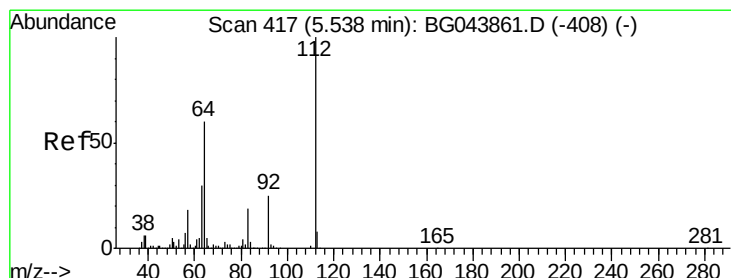
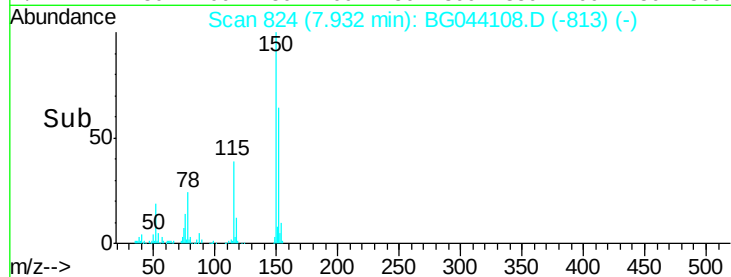
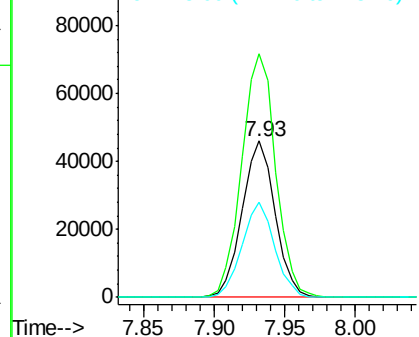
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044108.D
Acq: 20 Jan 2020 21:38

Instrument :
BNA_G
ClientSampleId :
QVD-GW-01-45

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	127.0	190.4
115	61.1	47.8	71.8



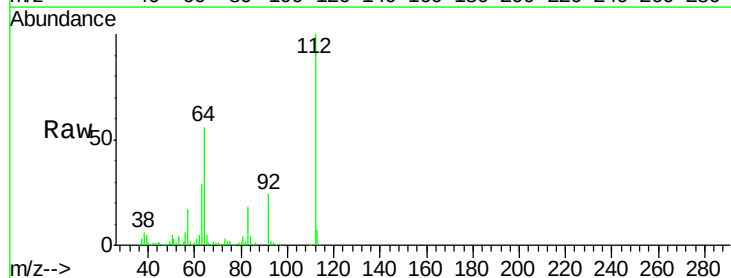
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



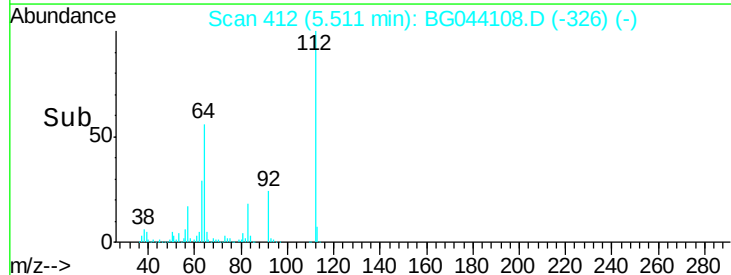
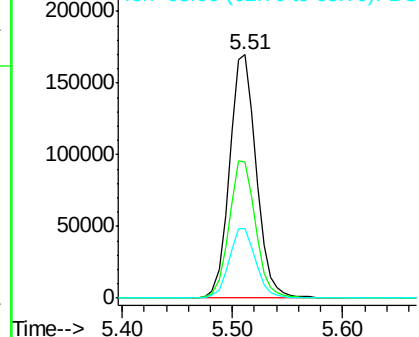
#5

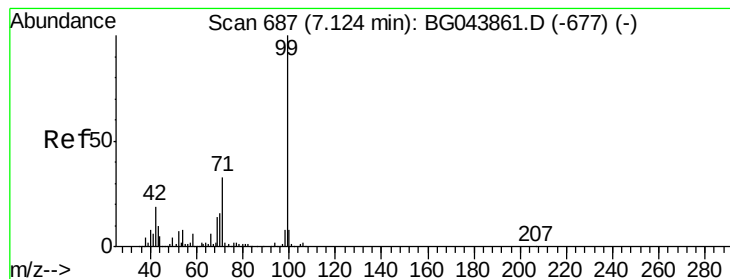
2-Fluorophenol
Concen: 70.249 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044108.D
Acq: 20 Jan 2020 21:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	47.8	71.6
63	28.8	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: 44.704 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.03 min

Lab File: BG044108.D

Acq: 20 Jan 2020 21:38

Instrument :

BNA_G

ClientSampleId :

QVD-GW-01-45

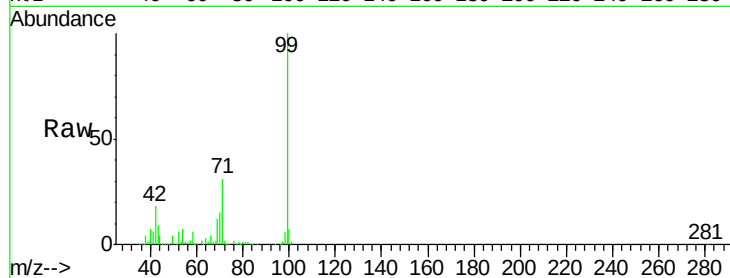
Tot Ion: 99 Resp: 256442

Ion Ratio Lower Upper

99 100

42 17.8 14.9 22.3

71 31.0 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

200000

150000

100000

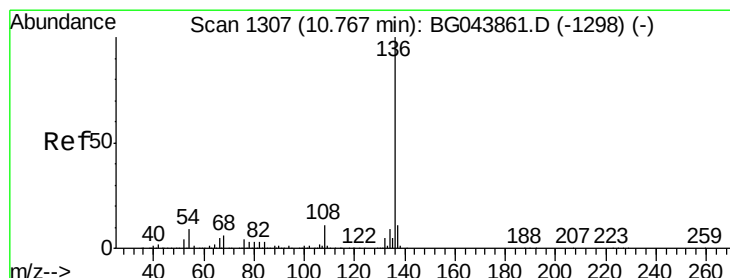
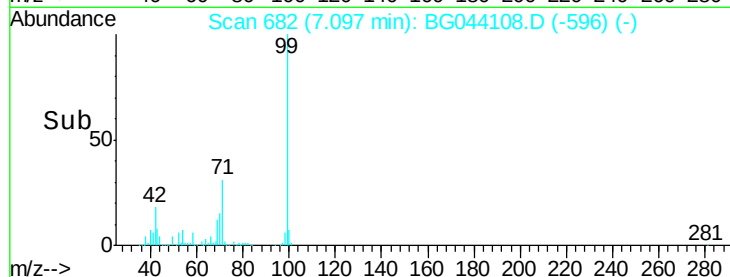
50000

0

7.10

7.00 7.10 7.20

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1301

Delta R.T. -0.03 min

Lab File: BG044108.D

Acq: 20 Jan 2020 21:38

Tgt Ion: 136 Resp: 342771

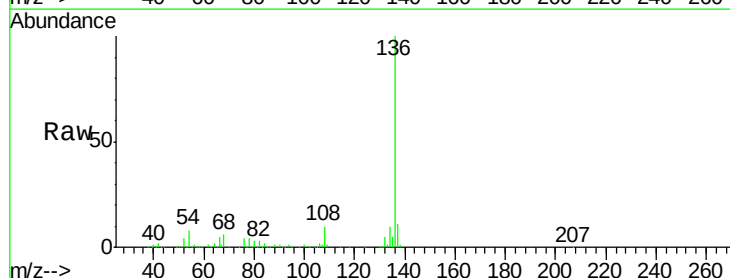
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.8 7.0 10.4

68 5.6 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

300000

250000

200000

150000

100000

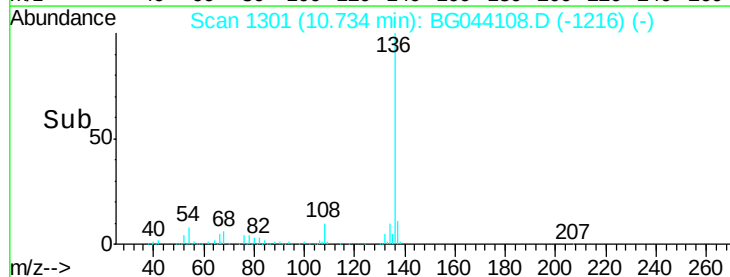
50000

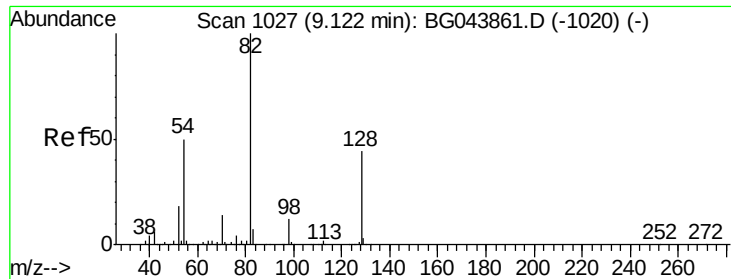
0

10.73

10.70 10.80

Time-->

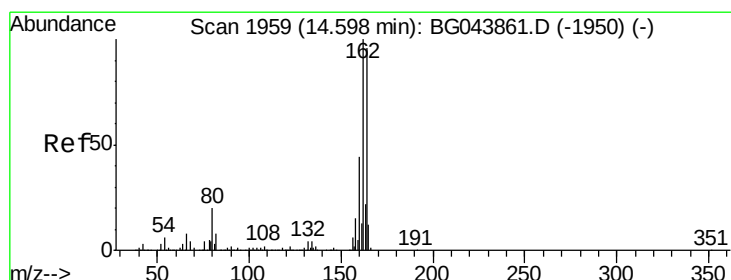
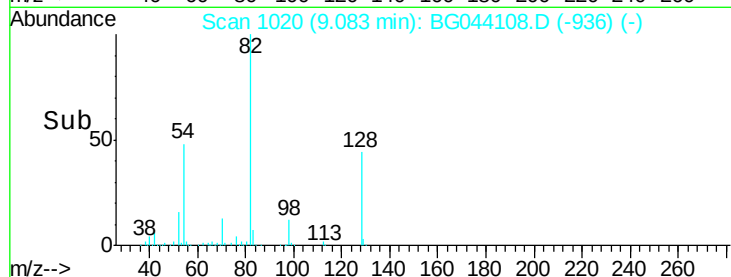
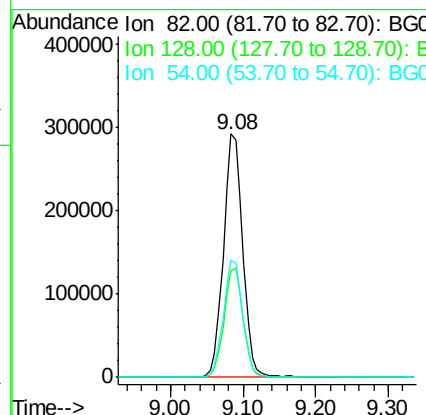
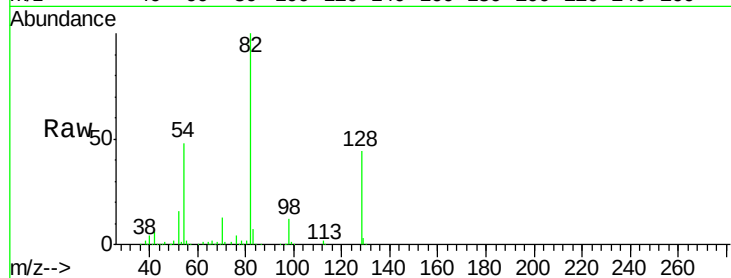




#23
 Nitrobenzene-d5
 Concen: 84.335 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.04 min
 Lab File: BG044108.D
 Acq: 20 Jan 2020 21:38

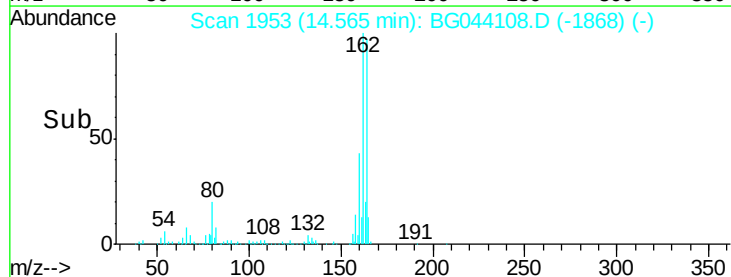
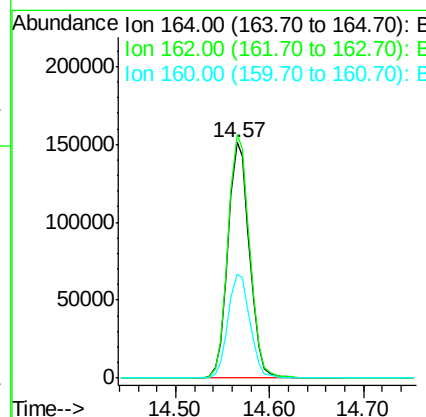
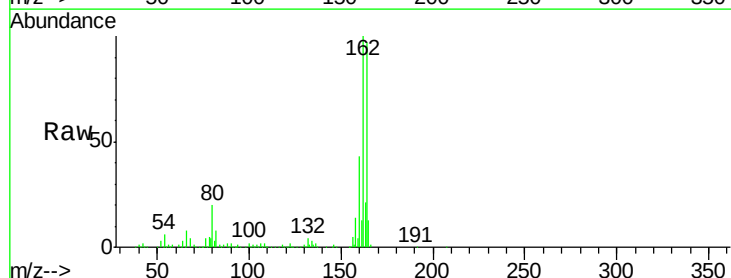
Instrument :
 BNA_G
 ClientSampleId :
 QVD-GW-01-45

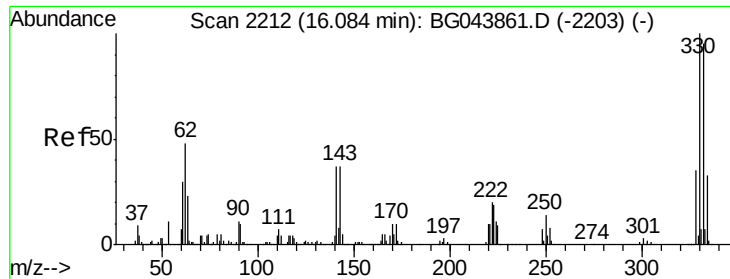
Tot Ion	82	Resp	540368
Ion Ratio	Lower	Upper	
82	100		
128	43.8	35.1	52.7
54	48.1	40.1	60.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.57 min Scan# 1953
 Delta R.T. -0.03 min
 Lab File: BG044108.D
 Acq: 20 Jan 2020 21:38

Tgt Ion	164	Resp	241101
Ion Ratio	Lower	Upper	
164	100		
162	103.2	83.0	124.4
160	44.3	36.1	54.1





#42

2,4,6-Tribromophenol

Concen: 150.656 ng

RT: 16.06 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044108.D

Acq: 20 Jan 2020 21:38

Instrument :

BNA_G

ClientSampleId :

QVD-GW-01-45

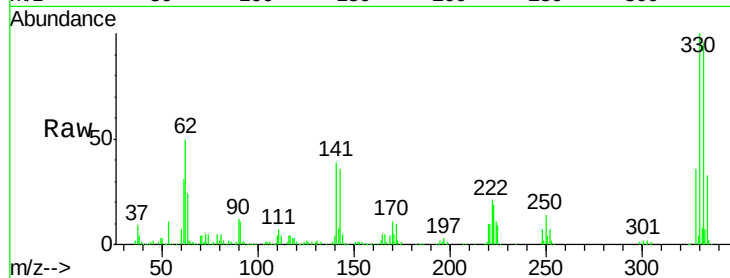
Tot Ion:330 Resp: 380115

Ion Ratio Lower Upper

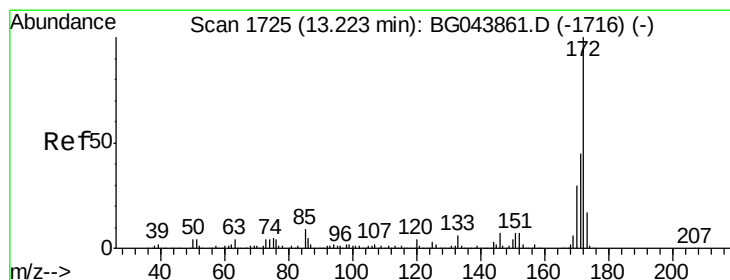
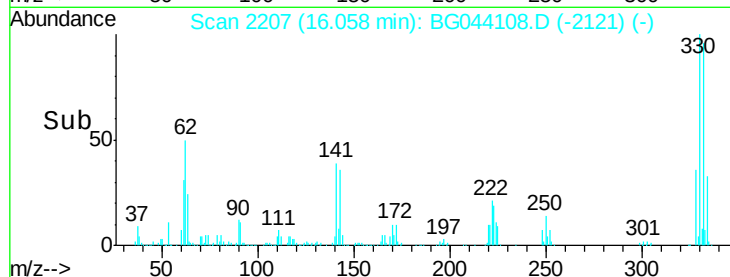
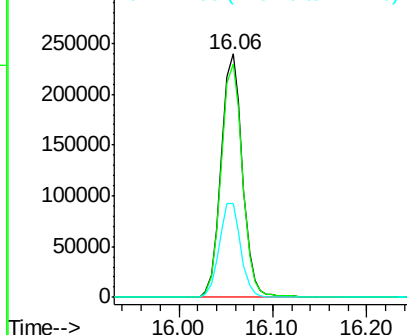
330 100

332 96.7 77.2 115.8

141 39.0 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: 95.706 ng

RT: 13.19 min Scan# 1719

Delta R.T. -0.03 min

Lab File: BG044108.D

Acq: 20 Jan 2020 21:38

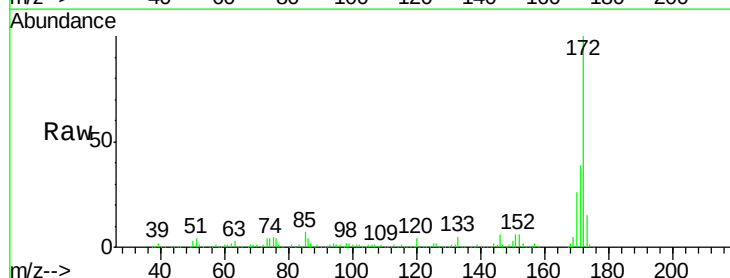
Tgt Ion:172 Resp: 1273607

Ion Ratio Lower Upper

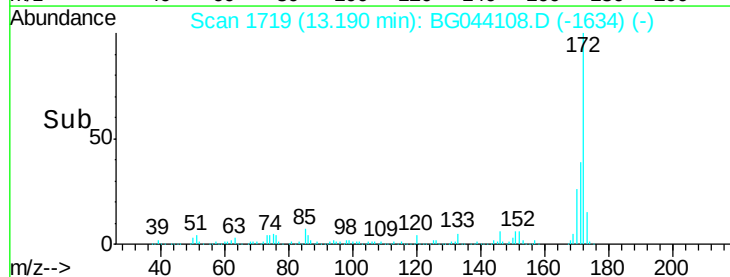
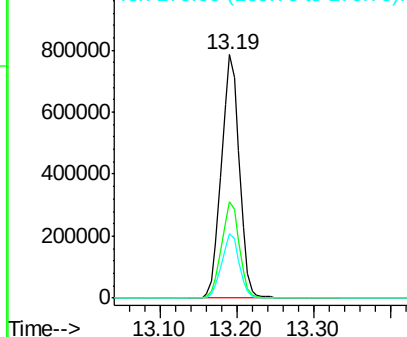
172 100

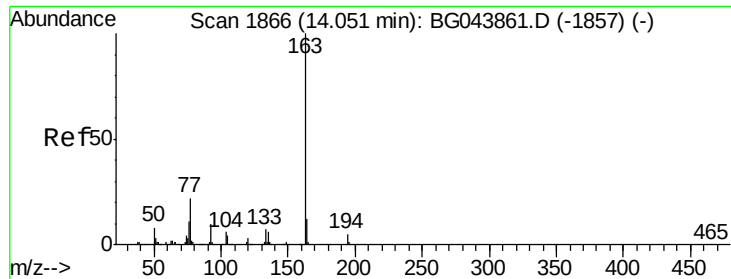
171 39.4 35.8 53.8

170 26.3 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: 5.846 ng

RT: 14.02 min Scan# 1860

Delta R.T. -0.03 min

Lab File: BG044108.D

Acq: 20 Jan 2020 21:38

Instrument :

BNA_G

ClientSampleId :

QVD-GW-01-45

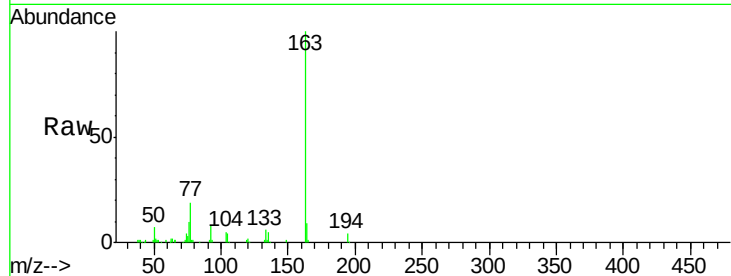
Tot Ion:163 Resp: 100086

Ion Ratio Lower Upper

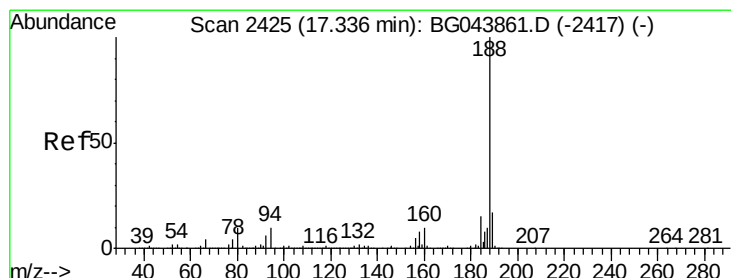
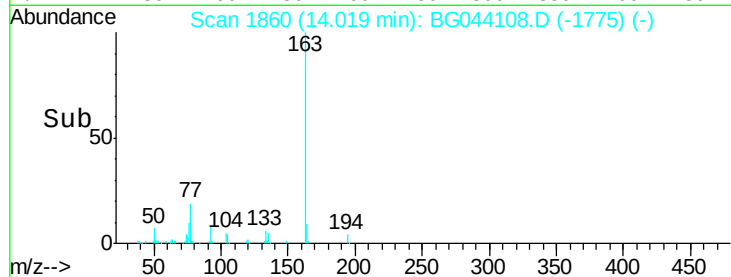
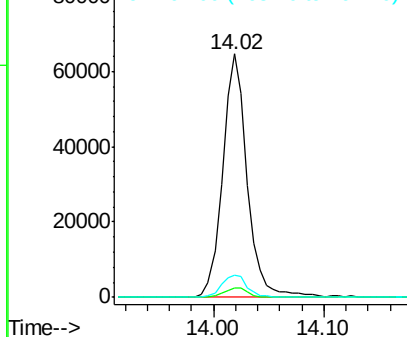
163 100

194 3.8 3.7 5.5

164 9.3 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: 17.31 min Scan# 2420

Delta R.T. -0.03 min

Lab File: BG044108.D

Acq: 20 Jan 2020 21:38

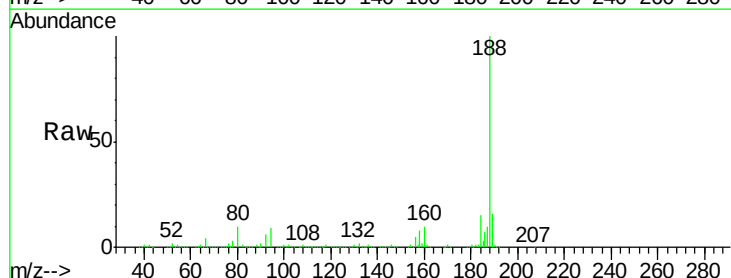
Tgt Ion:188 Resp: 523838

Ion Ratio Lower Upper

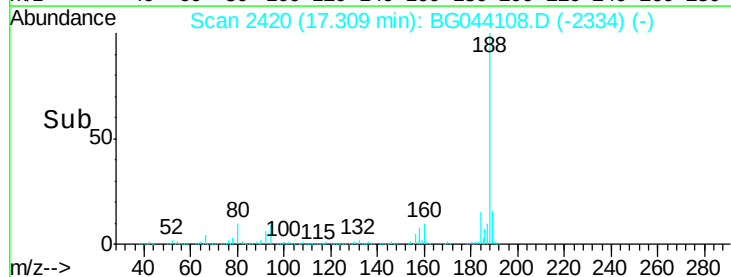
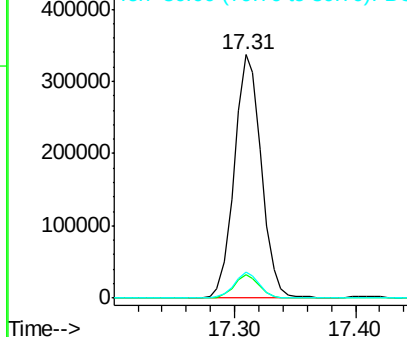
188 100

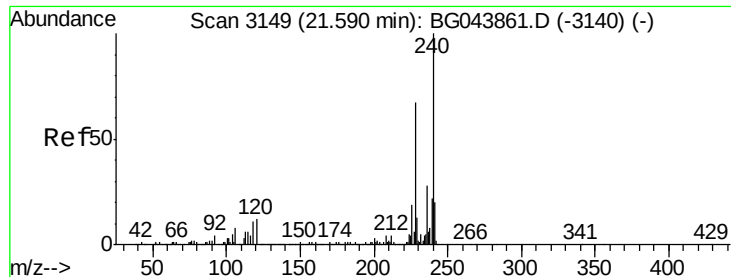
94 9.5 7.9 11.9

80 10.5 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: 21.56 min Scan# 3143

Delta R.T. -0.03 min

Lab File: BG044108.D

Acq: 20 Jan 2020 21:38

Instrument :

BNA_G

ClientSampleId :

QVD-GW-01-45

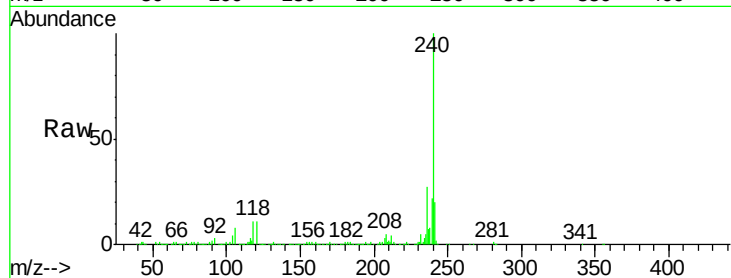
Tot Ion:240 Resp: 449023

Ion Ratio Lower Upper

240 100

120 11.4 9.6 14.4

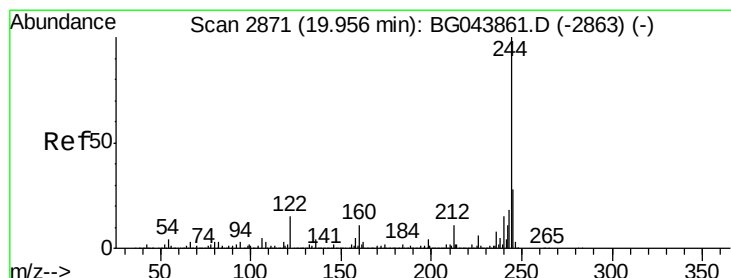
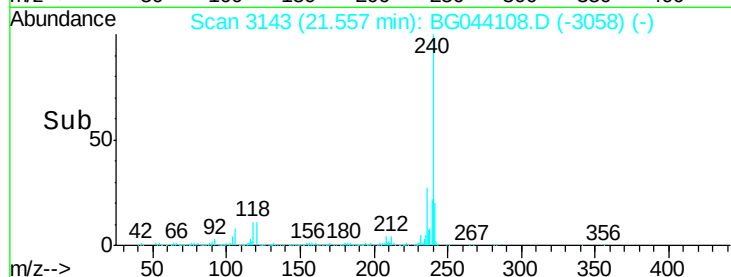
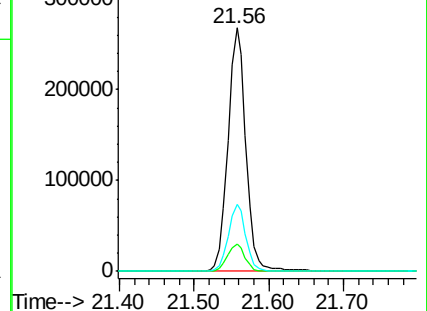
236 27.3 22.2 33.2



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: 106.471 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044108.D

Acq: 20 Jan 2020 21:38

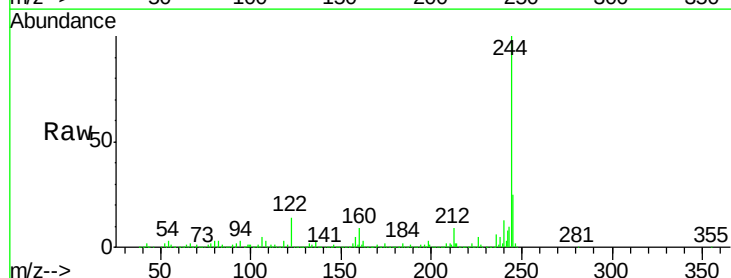
Tgt Ion:244 Resp: 1860401

Ion Ratio Lower Upper

244 100

212 9.2 8.6 13.0

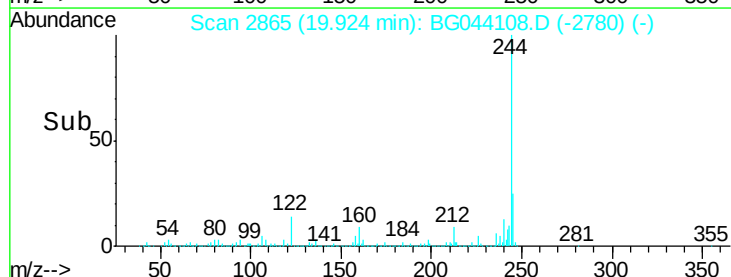
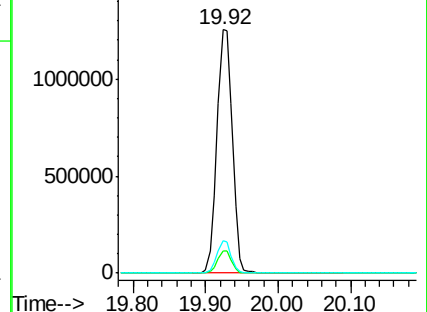
122 13.6 11.9 17.9

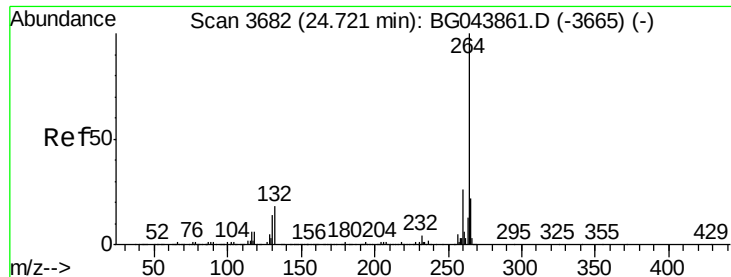


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.67 min Scan# 3672
Delta R.T. -0.06 min
Lab File: BG044108.D
Acq: 20 Jan 2020 21:38

Instrument :
BNA_G
ClientSampleId :
QVD-GW-01-45

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.4	30.6
265	22.4	17.4	26.2

