

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
 Data File : BG044382.D
 Acq On : 11 Feb 2020 9:46
 Operator : CG/JU
 Sample : L1470-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WS-1-(BASE-WATER)

Quant Time: Feb 11 14:01:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

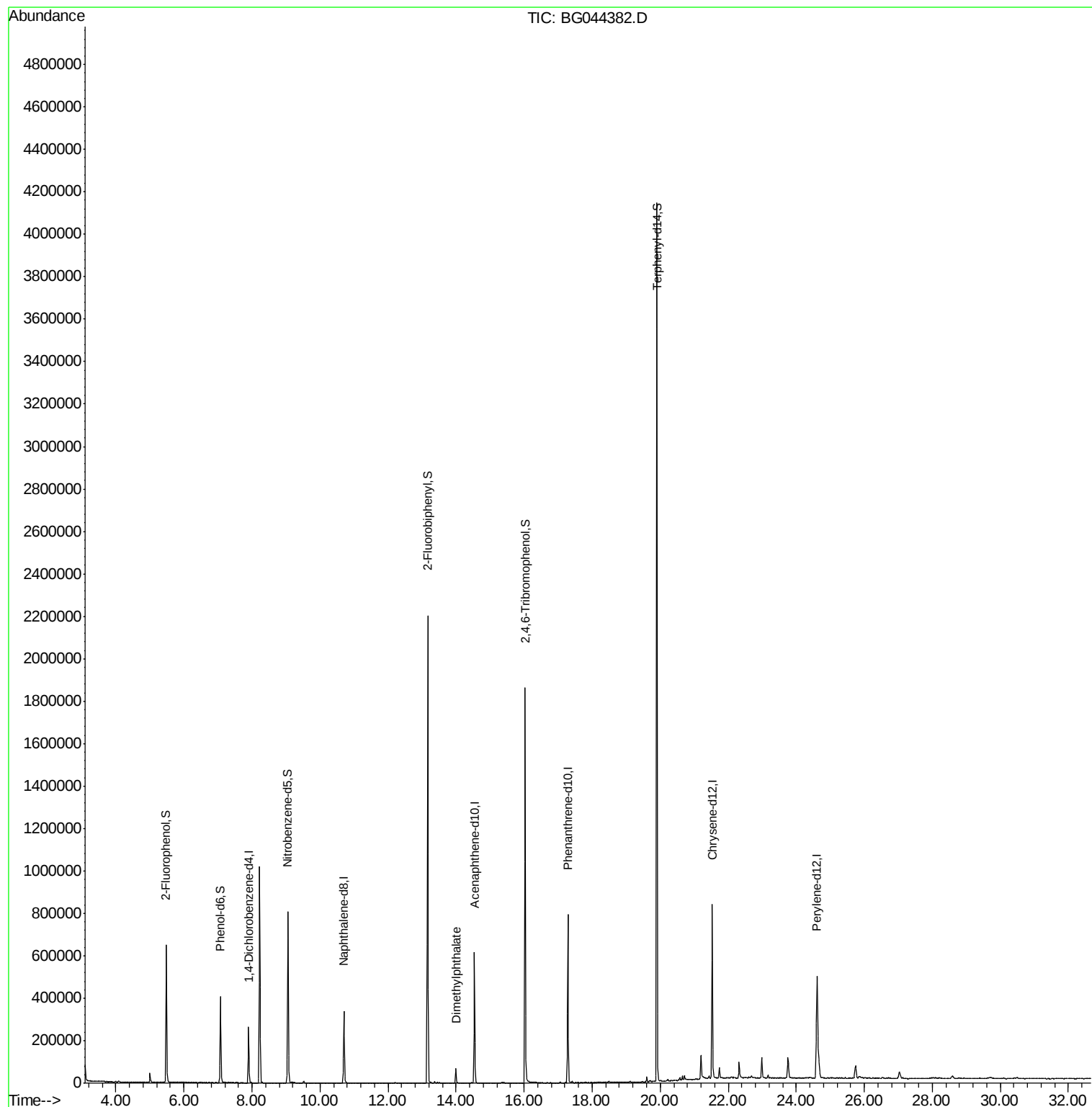
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	79933	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	323245	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	214492	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	501346	20.00	ng	0.00
76) Chrysene-d12	21.53	240	489449	20.00	ng	0.00
87) Perylene-d12	24.62	264	502805	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	324249	71.59	ng	0.00
7) Phenol-d6	7.07	99	272837	44.86	ng	0.00
23) Nitrobenzene-d5	9.06	82	517421	90.37	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	368759	146.45	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	1198079	93.53	ng	0.00
79) Terphenyl-d14	19.90	244	1899497	79.82	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.99	163	55411	3.594	ng	Qvalue # 97

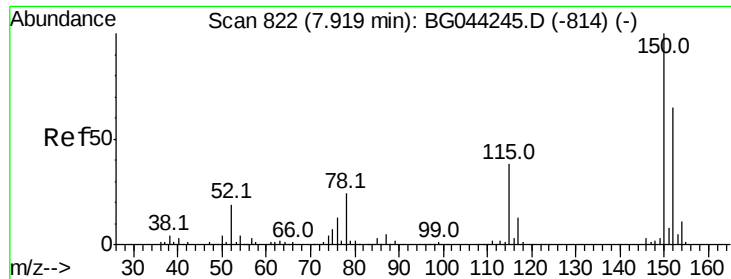
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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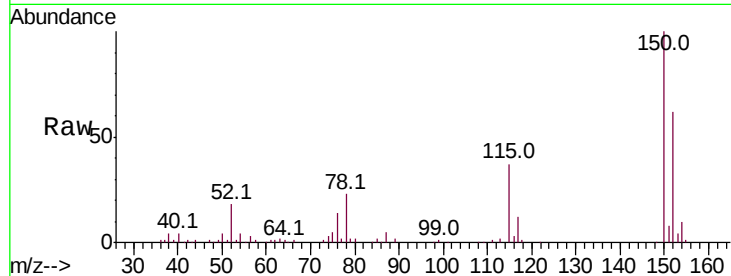


#1

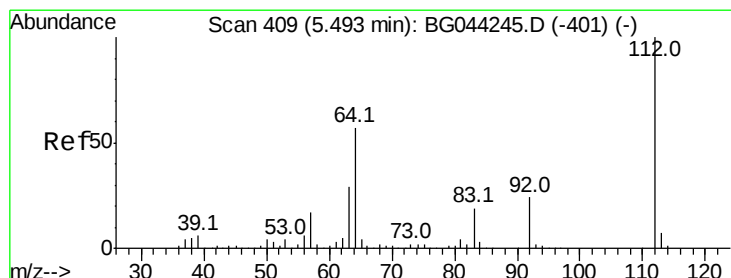
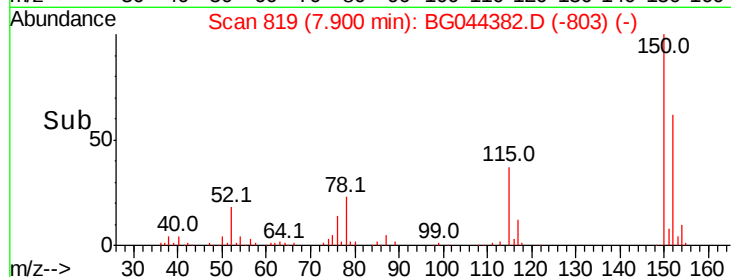
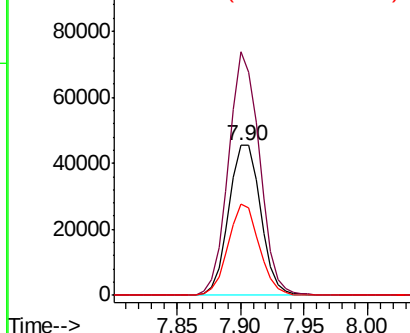
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG044382.D
Acq: 11 Feb 2020 9:46

Instrument :
BNA_G
ClientSampleId :
WS-1-(BASE-WATER)

Tot Ion:152 Resp: 79933
Ion Ratio Lower Upper
152 100
150 162.4 122.6 183.8
115 60.5 46.0 69.0



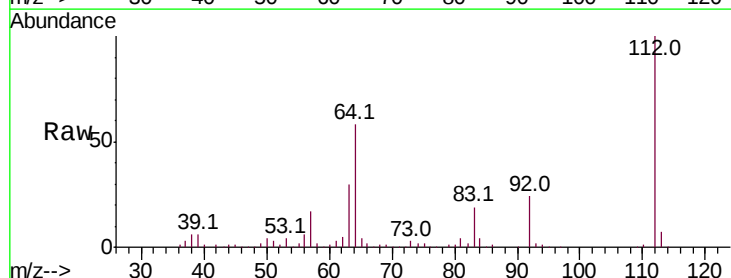
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



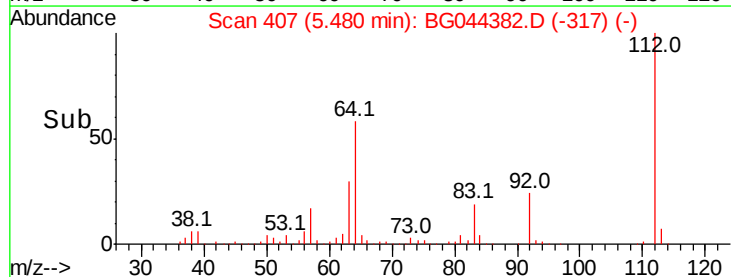
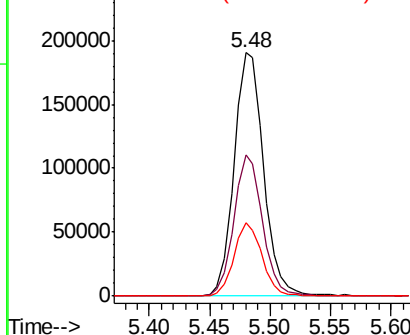
#5

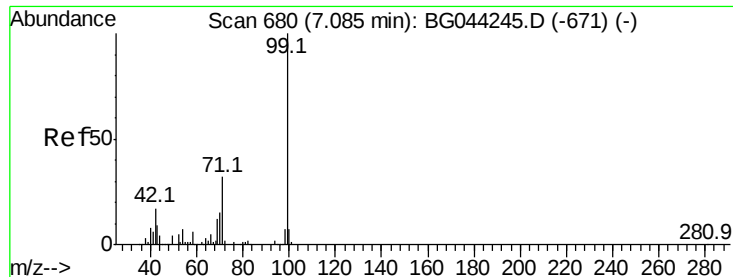
2-Fluorophenol
Concen: 71.591 ng
RT: 5.48 min Scan# 407
Delta R.T. 0.00 min
Lab File: BG044382.D
Acq: 11 Feb 2020 9:46

Tgt Ion:112 Resp: 324249
Ion Ratio Lower Upper
112 100
64 58.1 45.4 68.2
63 29.9 22.9 34.3



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: 44.860 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG044382.D

Acq: 11 Feb 2020 9:46

Instrument :

BNA_G

ClientSampleId :

WS-1-(BASE-WATER)

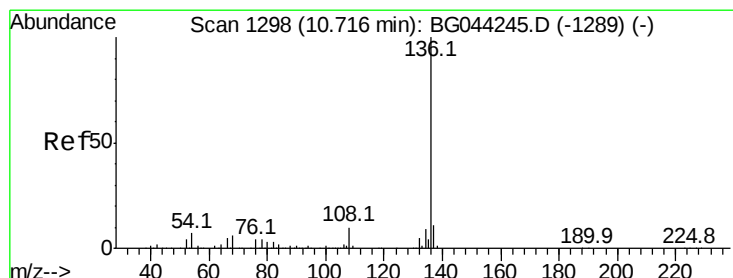
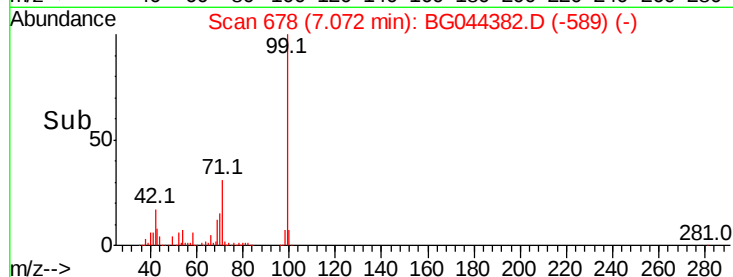
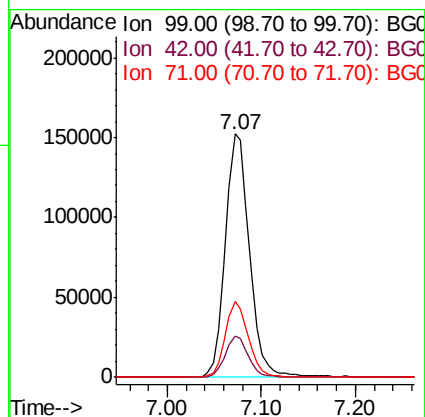
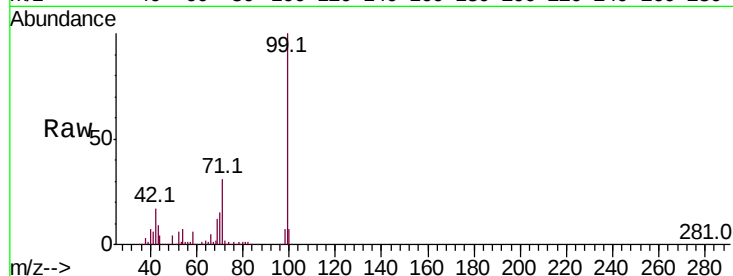
Tot Ion: 99 Resp: 272837

Ion Ratio Lower Upper

99 100

42 17.1 13.8 20.6

71 31.0 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.70 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BG044382.D

Acq: 11 Feb 2020 9:46

Tgt Ion: 136 Resp: 323245

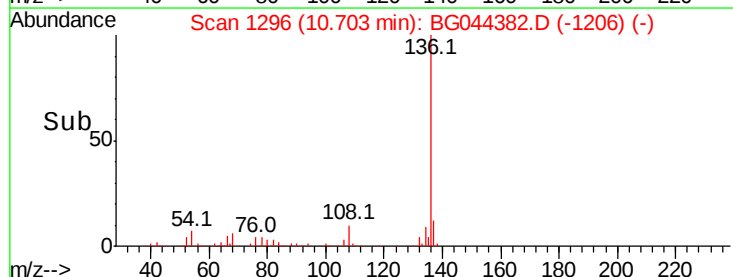
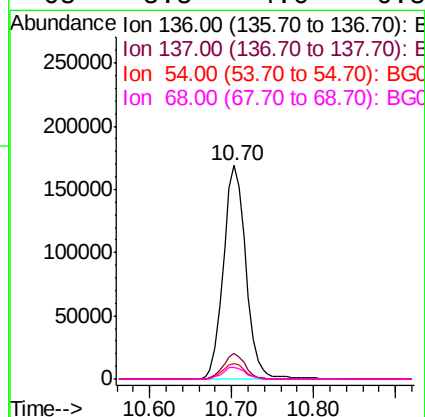
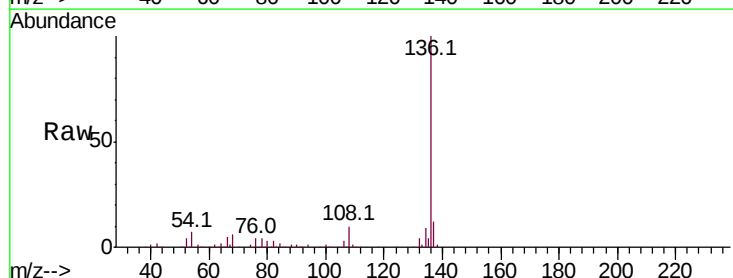
Ion Ratio Lower Upper

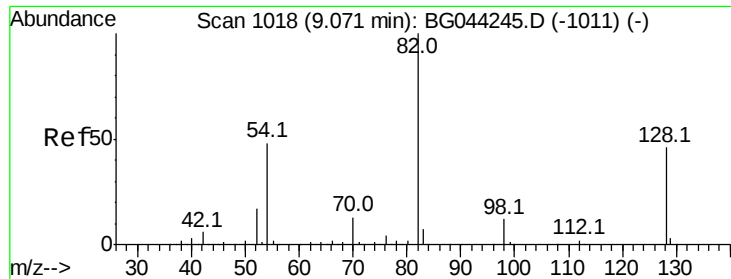
136 100

137 12.1 8.8 13.2

54 7.5 5.8 8.8

68 5.5 4.6 6.8

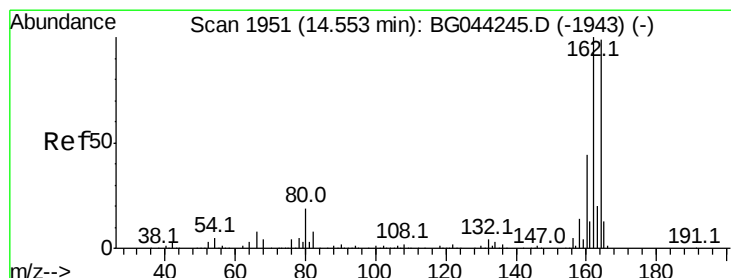
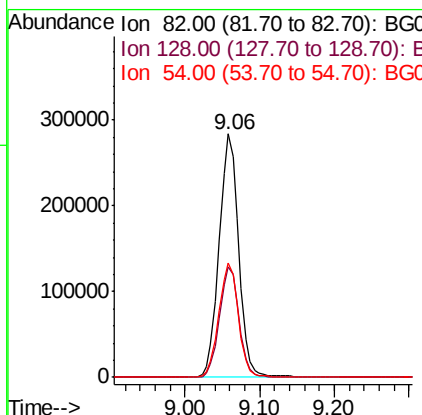
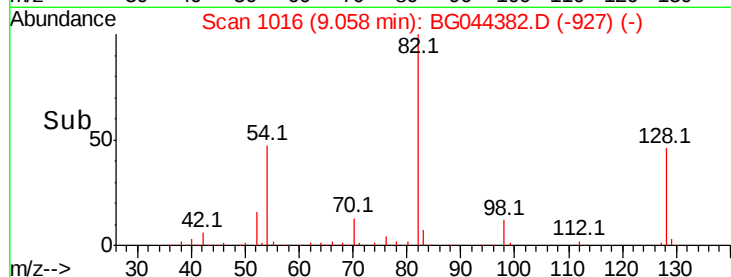
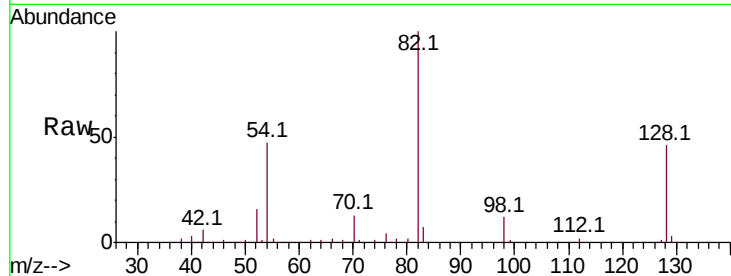




#23
Nitrobenzene-d5
Concen: 90.370 ng
RT: 9.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG044382.D
Acq: 11 Feb 2020 9:46

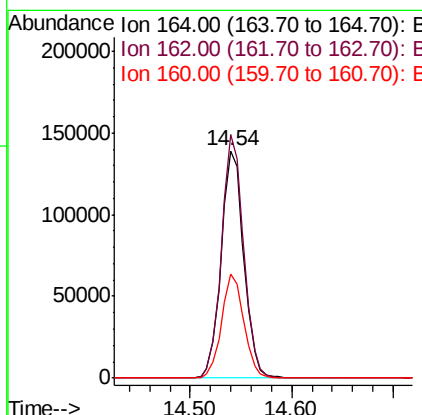
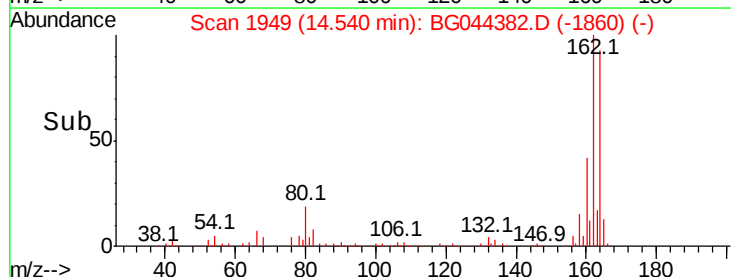
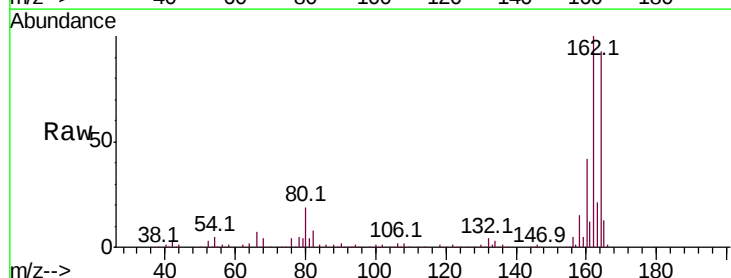
Instrument :
BNA_G
ClientSampleId :
WS-1-(BASE-WATER)

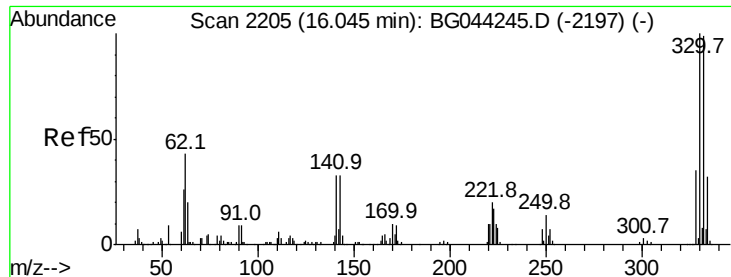
Tot Ion: 82 Resp: 517421
Ion Ratio Lower Upper
82 100
128 45.6 36.5 54.7
54 46.8 38.6 58.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.54 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG044382.D
Acq: 11 Feb 2020 9:46

Tgt Ion:164 Resp: 214492
Ion Ratio Lower Upper
164 100
162 107.3 80.7 121.1
160 45.6 35.3 52.9

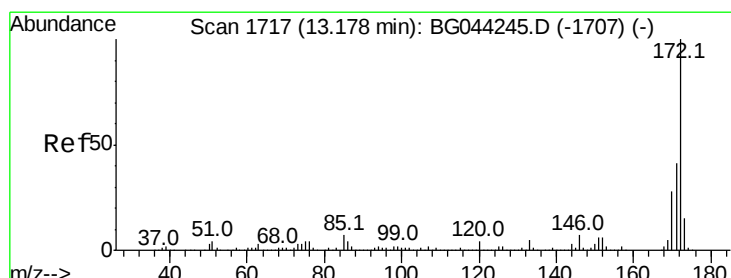
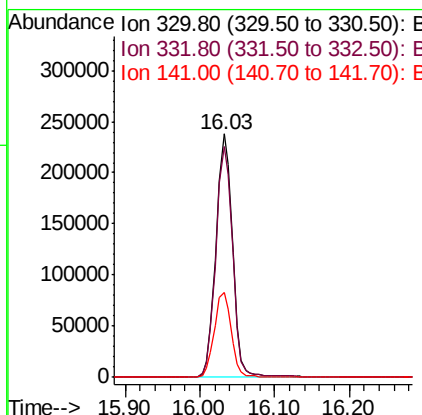
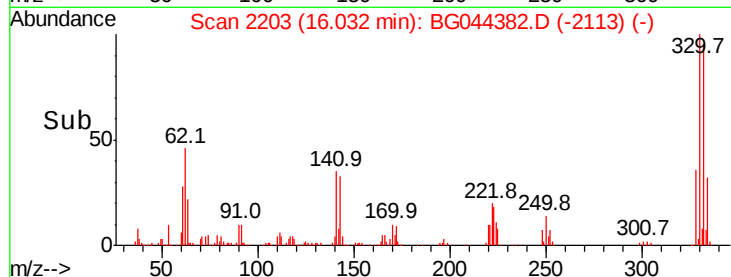
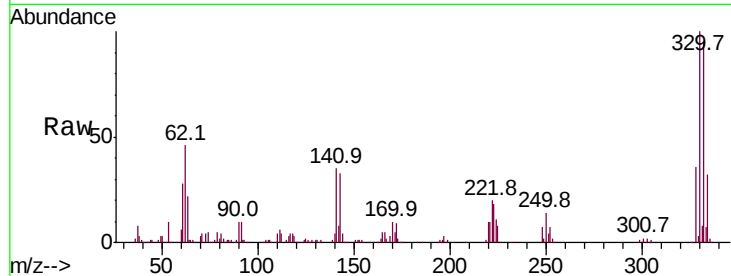




#42
 2,4,6-Tribromophenol
 Concen: 146.448 ng
 RT: 16.03 min Scan# 2203
 Delta R.T. 0.00 min
 Lab File: BG044382.D
 Acq: 11 Feb 2020 9:46

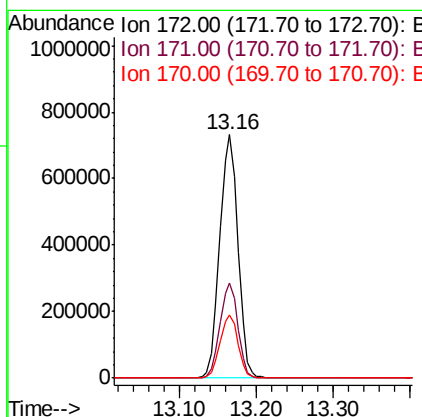
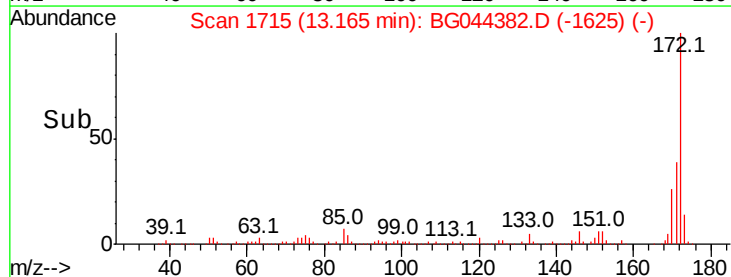
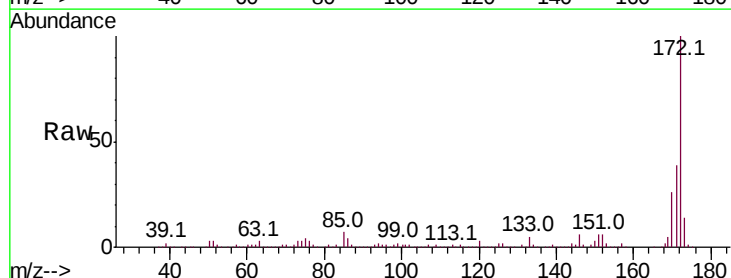
Instrument :
 BNA_G
 ClientSampleId :
 WS-1-(BASE-WATER)

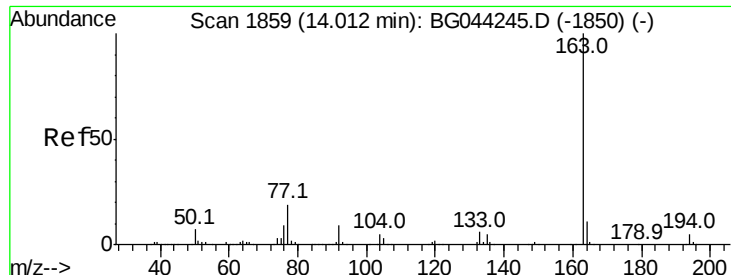
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.2	115.8
141	35.6	28.3	42.5



#45
 2-Fluorobiphenyl
 Concen: 93.535 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG044382.D
 Acq: 11 Feb 2020 9:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	32.9	49.3
170	25.7	22.0	33.0





#50

Dimethylphthalate

Concen: 3.594 ng

RT: 13.99 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BG044382.D

Acq: 11 Feb 2020 9:46

Instrument :

BNA_G

ClientSampleId :

WS-1-(BASE-WATER)

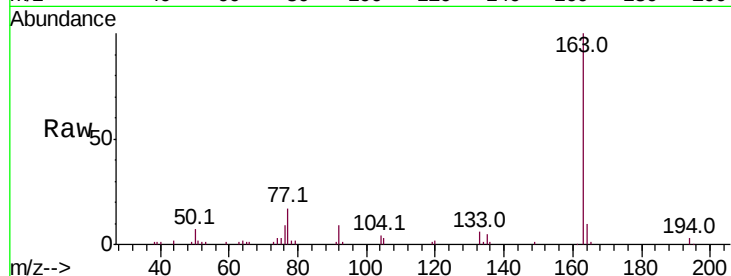
Tot Ion:163 Resp: 55411

Ion Ratio Lower Upper

163 100

194 3.4 3.6 5.4#

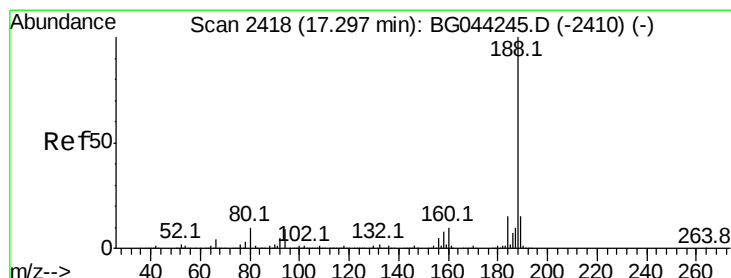
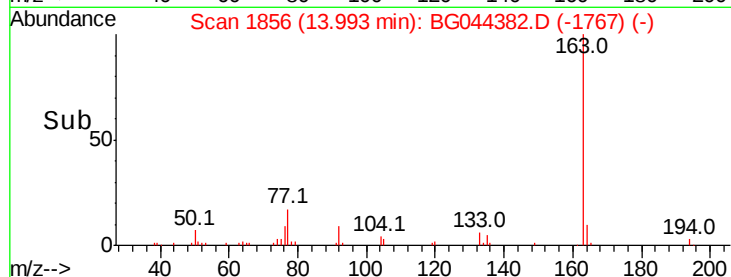
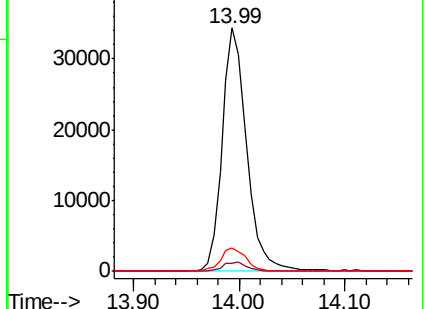
164 9.8 8.7 13.1



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: 17.28 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG044382.D

Acq: 11 Feb 2020 9:46

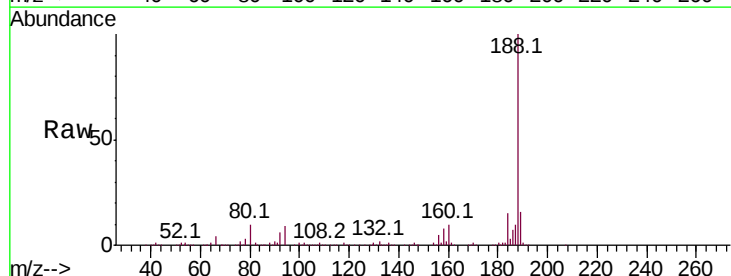
Tgt Ion:188 Resp: 501346

Ion Ratio Lower Upper

188 100

94 8.6 7.4 11.2

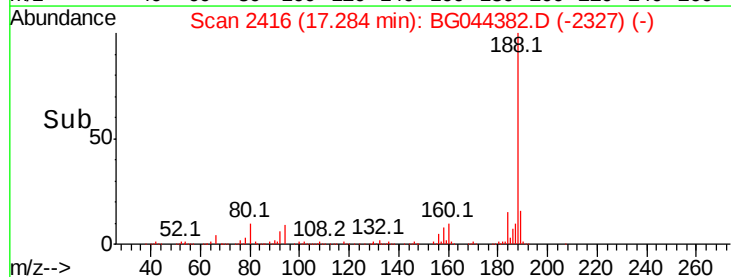
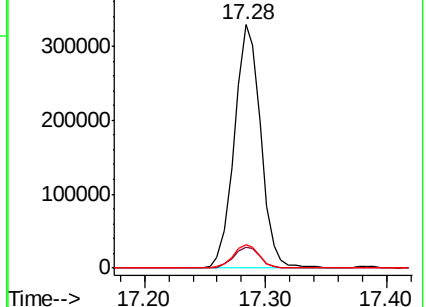
80 9.5 7.7 11.5

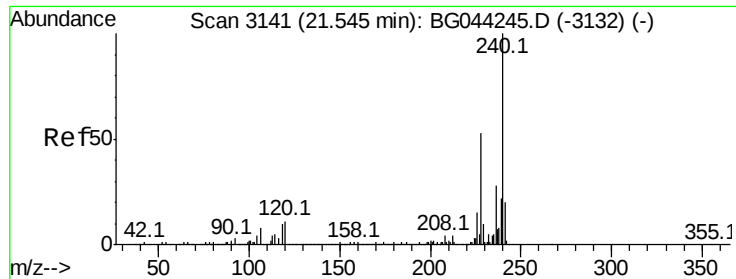


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.53 min Scan# 3139

Delta R.T. -0.00 min

Lab File: BG044382.D

Acq: 11 Feb 2020 9:46

Instrument :

BNA_G

ClientSampleId :

WS-1-(BASE-WATER)

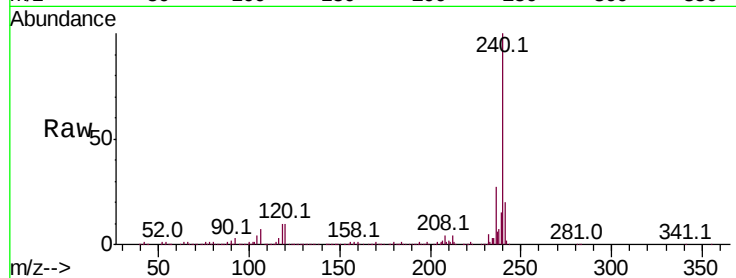
Tot Ion:240 Resp: 489449

Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

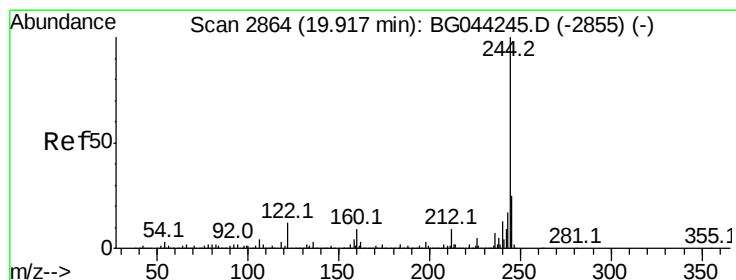
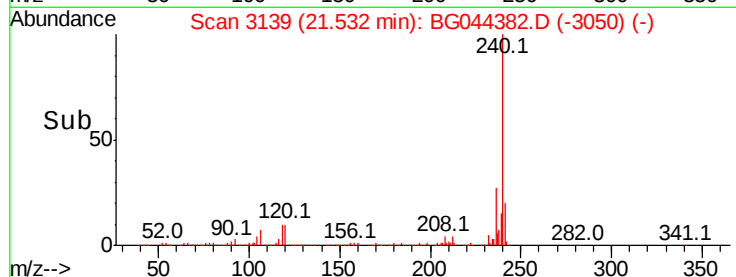
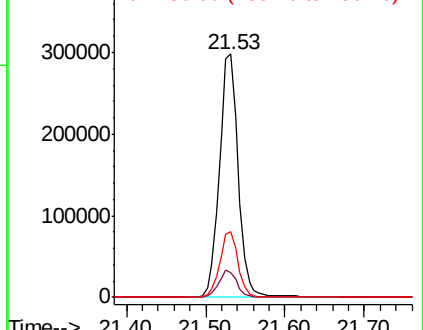
236 27.2 22.1 33.1



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: 79.825 ng

RT: 19.90 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG044382.D

Acq: 11 Feb 2020 9:46

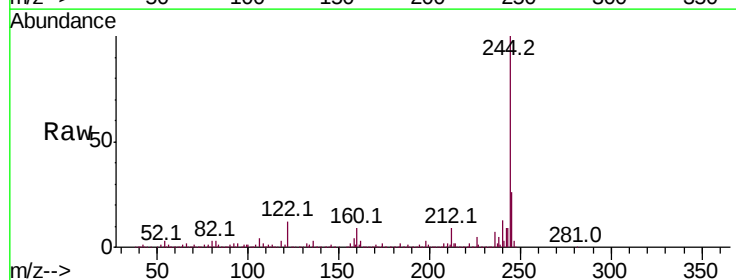
Tgt Ion:244 Resp: 1899497

Ion Ratio Lower Upper

244 100

212 9.3 7.4 11.2

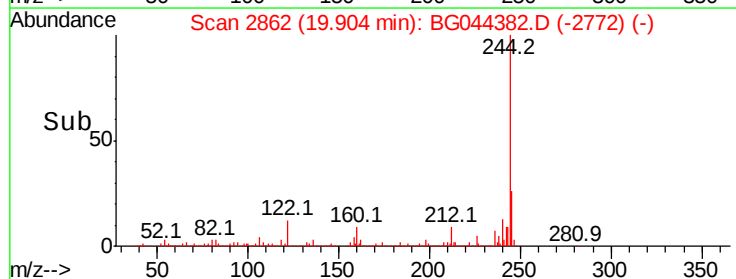
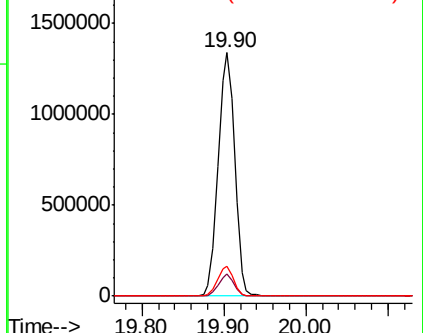
122 12.5 9.8 14.6

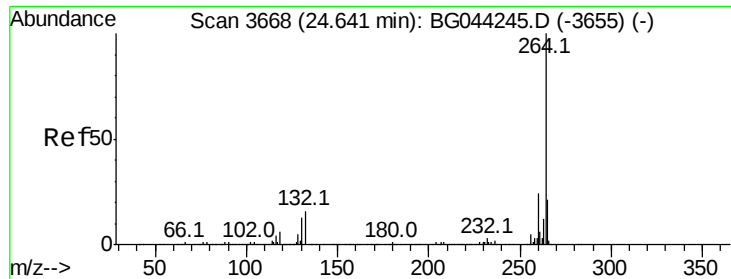


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.62 min Scan# 3664
Delta R.T. -0.00 min
Lab File: BG044382.D
Acq: 11 Feb 2020 9:46

Instrument :
BNA_G
ClientSampleId :
WS-1-(BASE-WATER)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.3	16.7	25.1

