

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041119\
 Data File : BG040449.D
 Acq On : 11 Apr 2019 20:09
 Operator : JU/SJ
 Sample : K2311-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0168-SITE-WATER

Quant Time: Apr 12 04:21:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

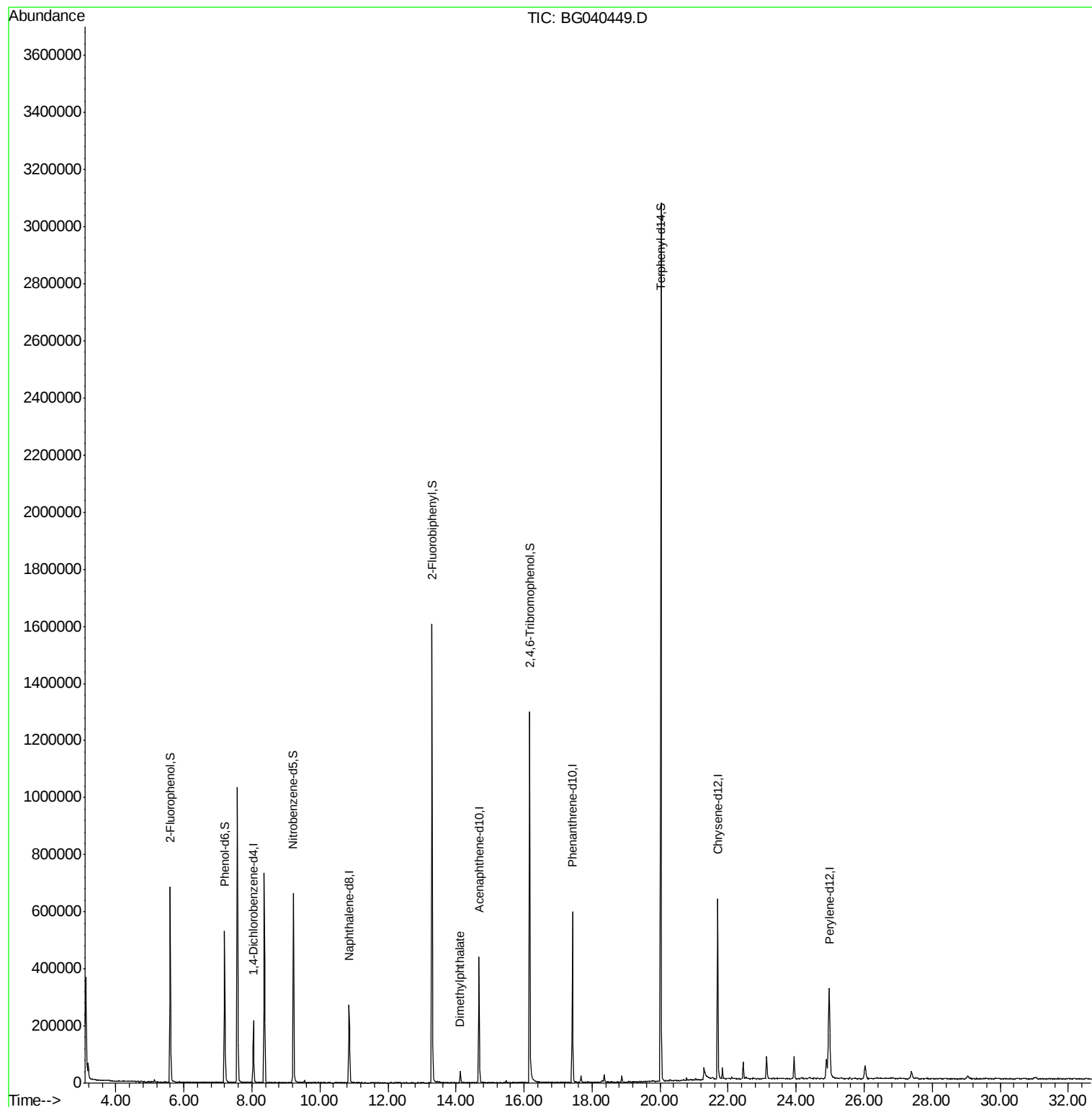
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	62118	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	250367	20.00	ng	-0.03
39) Acenaphthene-d10	14.68	164	158018	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	377828	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	382793	20.00	ng	-0.04
87) Perylene-d12	24.97	264	380682	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	306285	81.97	ng	-0.02
7) Phenol-d6	7.20	99	330388	63.98	ng	-0.03
23) Nitrobenzene-d5	9.22	82	428473	90.97	ng	-0.02
42) 2,4,6-Tribromophenol	16.16	330	239459	140.22	ng	-0.03
45) 2-Fluorobiphenyl	13.30	172	908412	85.18	ng	-0.03
79) Terphenyl-d14	20.02	244	1499296	88.11	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.12	163	31113	2.516	ng	Qvalue # 98

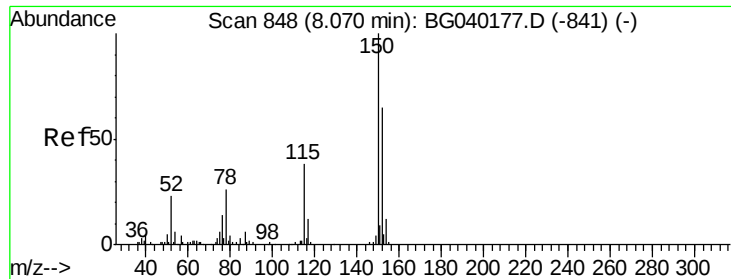
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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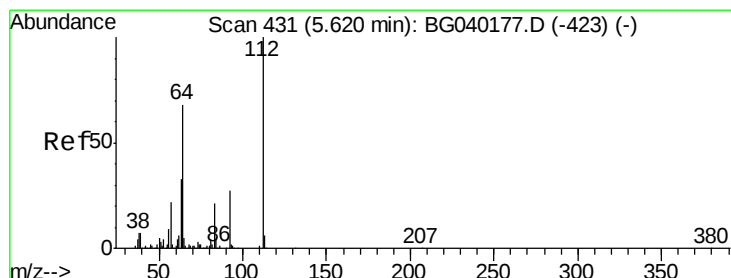
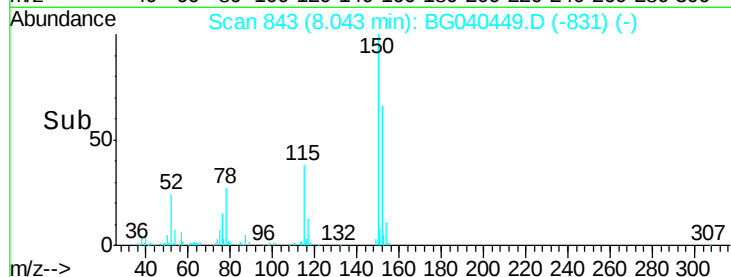
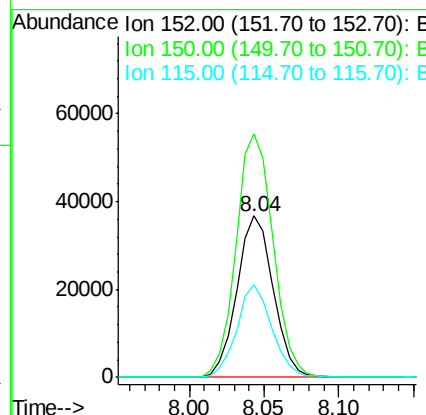
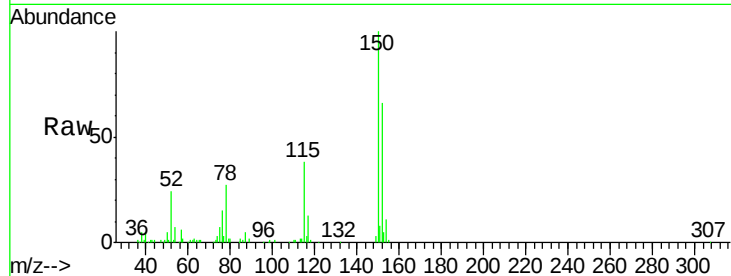


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.03 min
 Lab File: BG040449.D
 Acq: 11 Apr 2019 20:09

Instrument :
 BNA_G
 ClientSampleId :
 0168-SITE-WATER

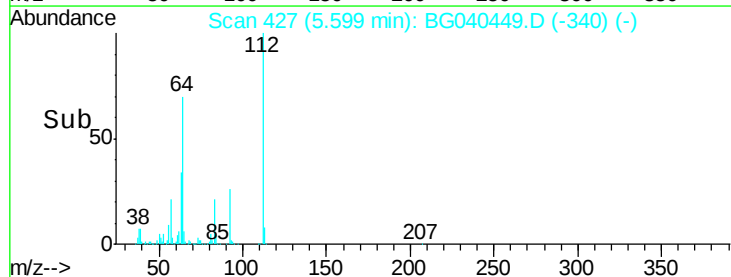
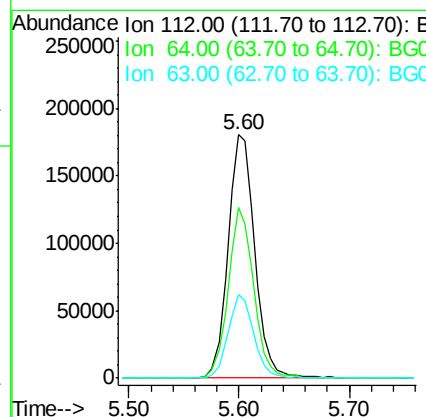
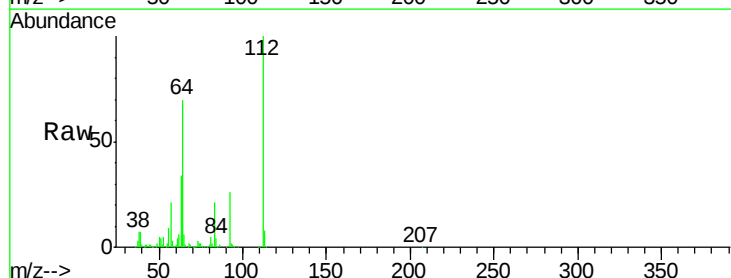
Tgt Ion:152 Resp: 62118
 Ion Ratio Lower Upper
 152 100
 150 150.9 123.7 185.5
 115 57.5 46.9 70.3



#5

2-Fluorophenol
 Concen: 81.968 ng
 RT: 5.60 min Scan# 427
 Delta R.T. -0.02 min
 Lab File: BG040449.D
 Acq: 11 Apr 2019 20:09

Tgt Ion:112 Resp: 306285
 Ion Ratio Lower Upper
 112 100
 64 70.2 54.2 81.2
 63 34.4 26.4 39.6





#7

Phenol-d6

Concen: 63.978 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.03 min

Lab File: BG040449.D

Acq: 11 Apr 2019 20:09

Instrument :

BNA_G

ClientSampleId :

0168-SITE-WATER

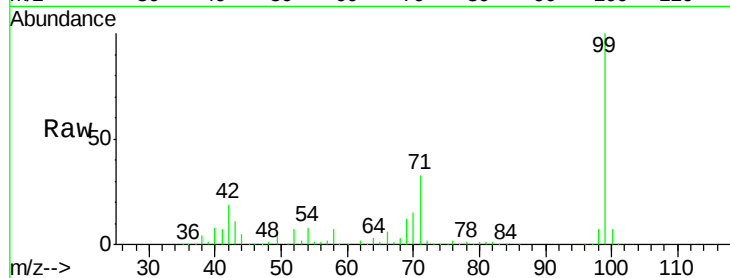
Tgt Ion: 99 Resp: 330388

Ion Ratio Lower Upper

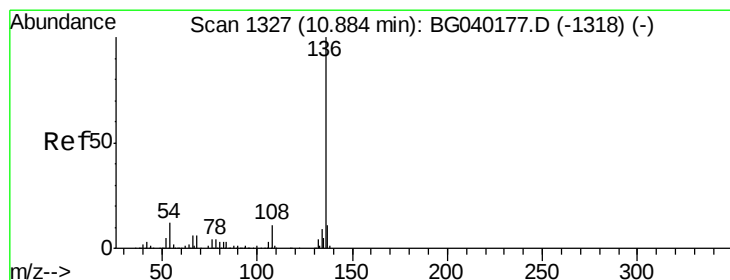
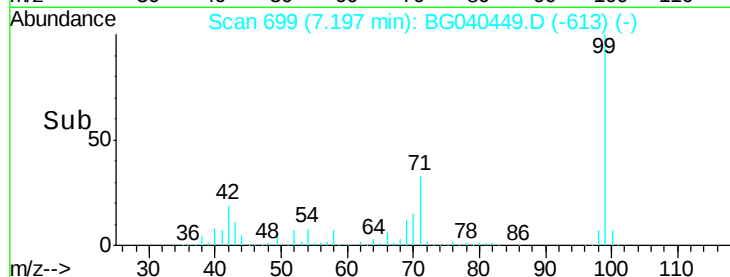
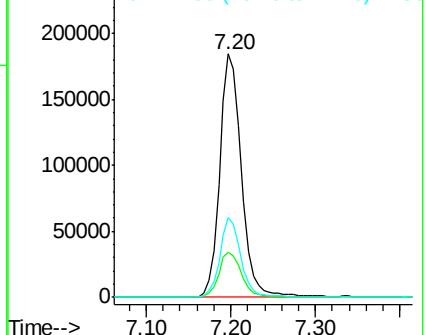
99 100

42 18.7 16.2 24.2

71 33.0 26.8 40.2



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1322

Delta R.T. -0.03 min

Lab File: BG040449.D

Acq: 11 Apr 2019 20:09

Tgt Ion: 136 Resp: 250367

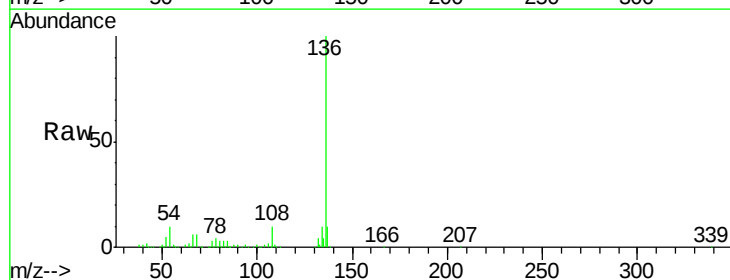
Ion Ratio Lower Upper

136 100

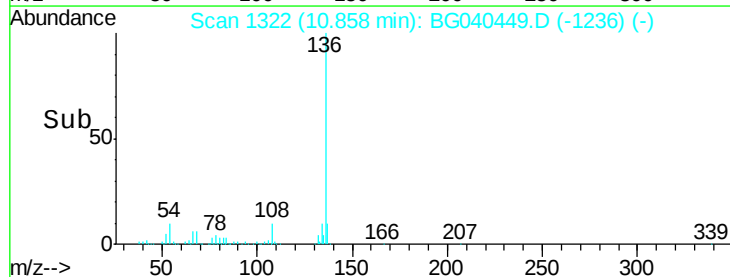
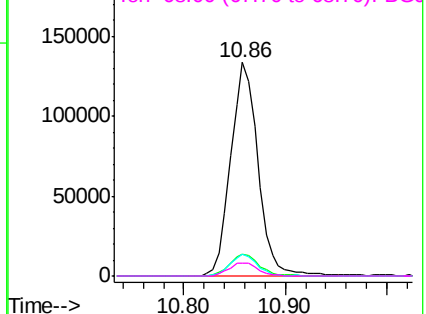
137 9.9 8.9 13.3

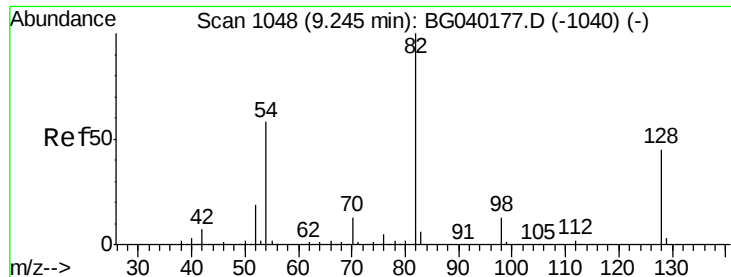
54 10.5 9.6 14.4

68 6.0 5.1 7.7



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

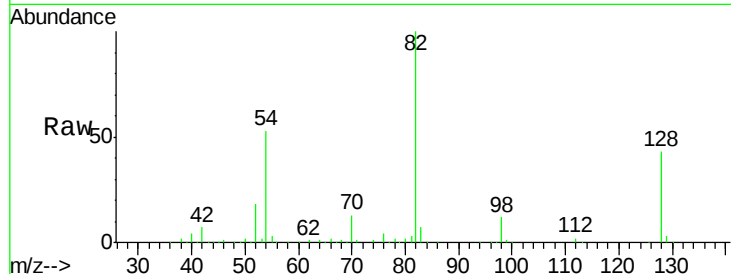




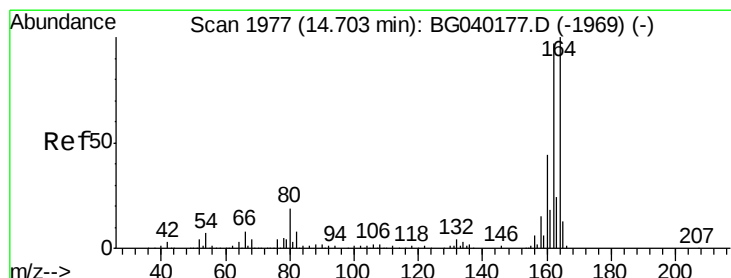
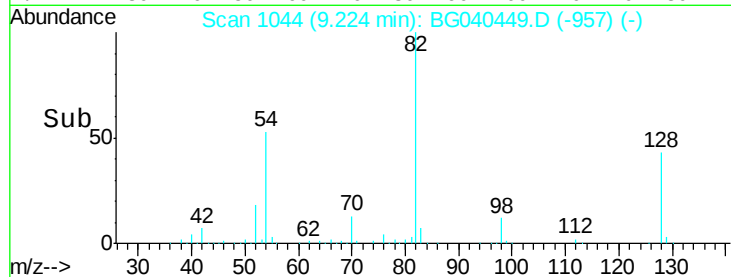
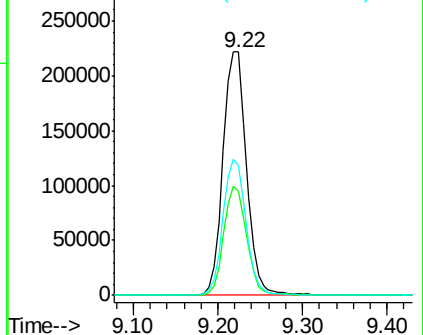
#23
Nitrobenzene-d5
Concen: 90.966 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040449.D
Acq: 11 Apr 2019 20:09

Instrument :
BNA_G
ClientSampleId :
0168-SITE-WATER

Tgt Ion: 82 Resp: 428473
Ion Ratio Lower Upper
82 100
128 42.6 35.8 53.8
54 53.5 46.2 69.2

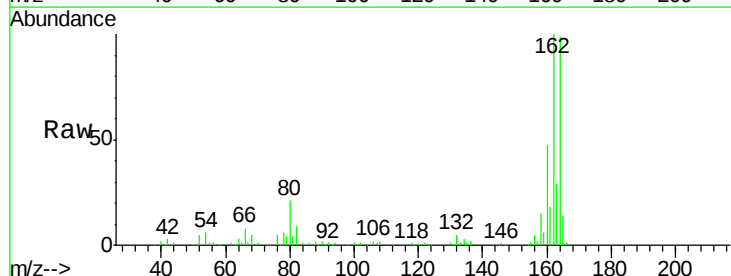


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

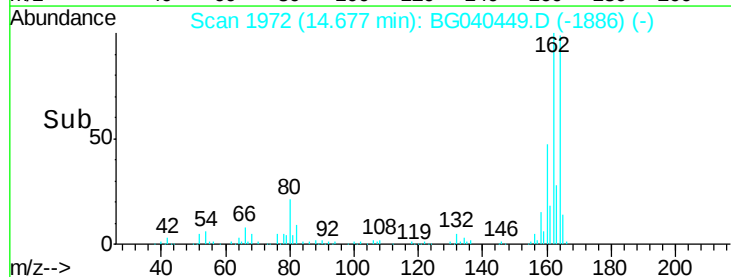
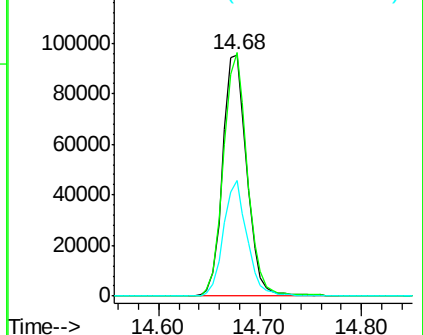


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040449.D
Acq: 11 Apr 2019 20:09

Tgt Ion: 164 Resp: 158018
Ion Ratio Lower Upper
164 100
162 100.9 77.4 116.2
160 47.9 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

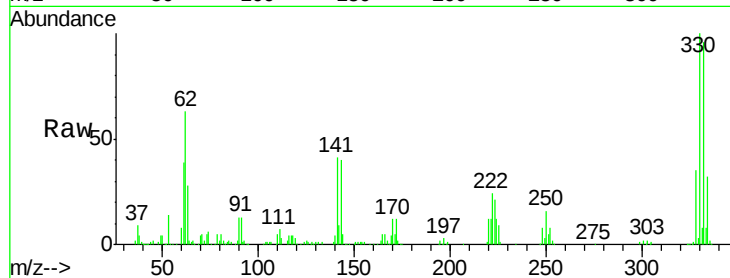




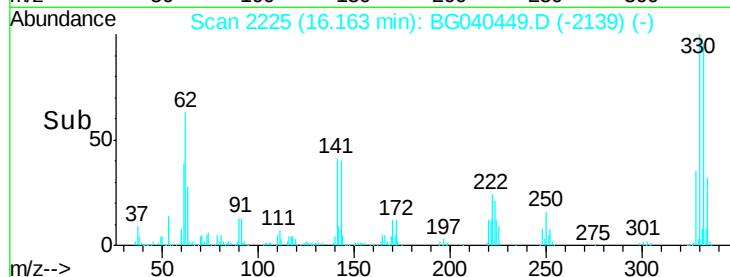
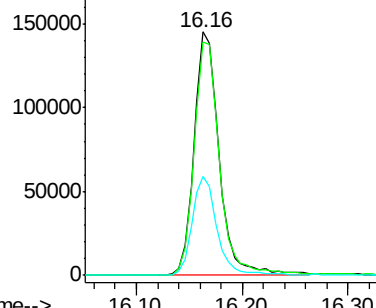
#42
 2,4,6-Tribromophenol
 Concen: 140.218 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.03 min
 Lab File: BG040449.D
 Acq: 11 Apr 2019 20:09

Instrument :
 BNA_G
 ClientSampleId :
 0168-SITE-WATER

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.7	76.6	115.0
141	40.4	32.6	48.8

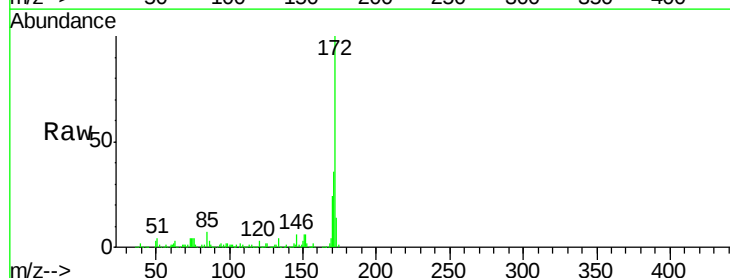


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

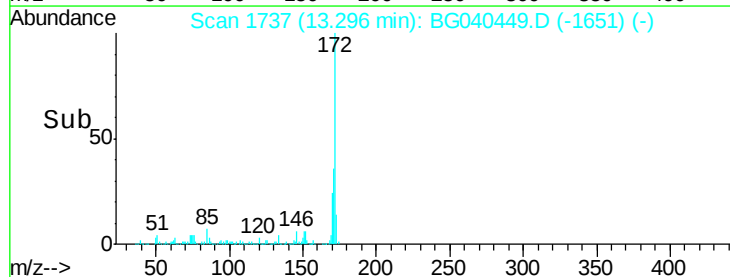
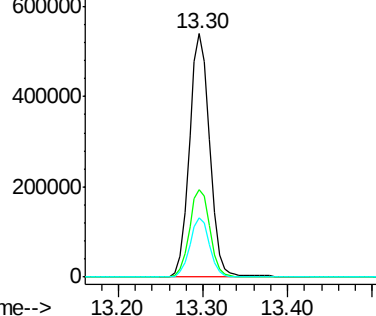


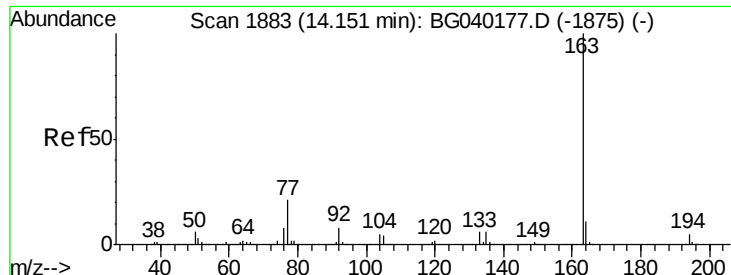
#45
 2-Fluorobiphenyl
 Concen: 85.183 ng
 RT: 13.30 min Scan# 1737
 Delta R.T. -0.03 min
 Lab File: BG040449.D
 Acq: 11 Apr 2019 20:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.5	45.7
170	24.1	20.1	30.1



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: 2.516 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.03 min

Lab File: BG040449.D

Acq: 11 Apr 2019 20:09

Instrument :

BNA_G

ClientSampleId :

0168-SITE-WATER

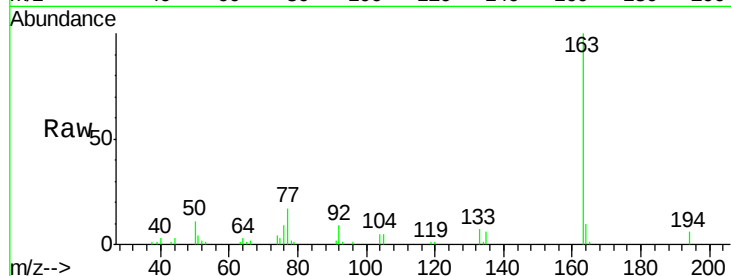
Tgt Ion:163 Resp: 31113

Ion Ratio Lower Upper

163 100

194 6.4 4.1 6.1#

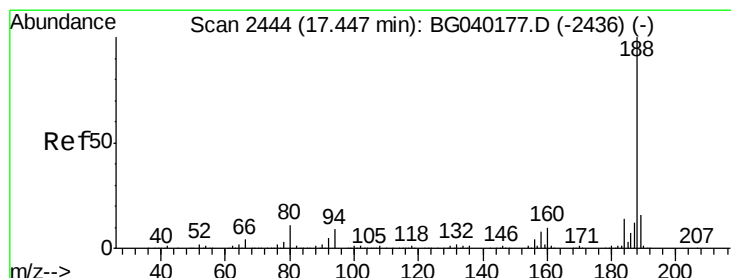
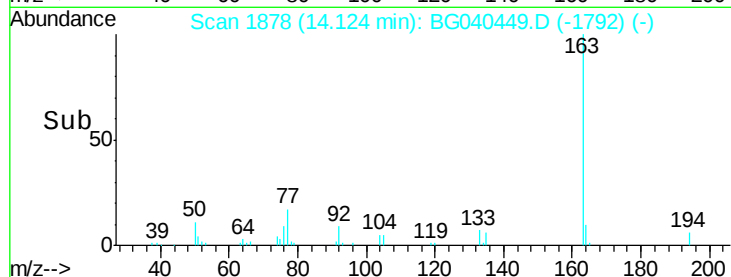
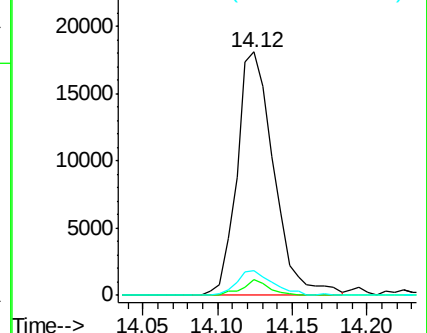
164 10.2 8.6 13.0



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: 17.42 min Scan# 2439

Delta R.T. -0.03 min

Lab File: BG040449.D

Acq: 11 Apr 2019 20:09

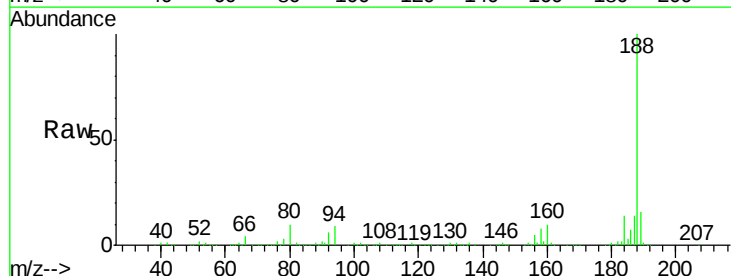
Tgt Ion:188 Resp: 377828

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.4

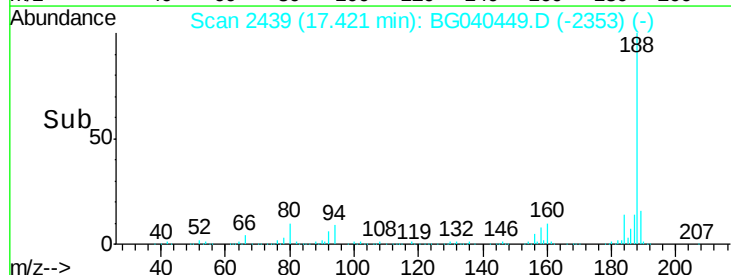
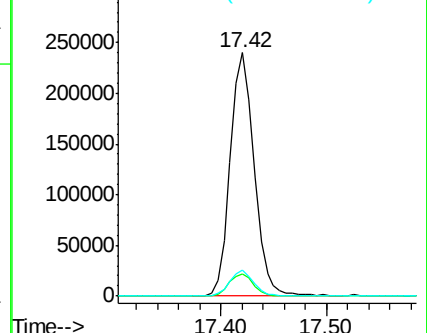
80 10.5 8.6 13.0

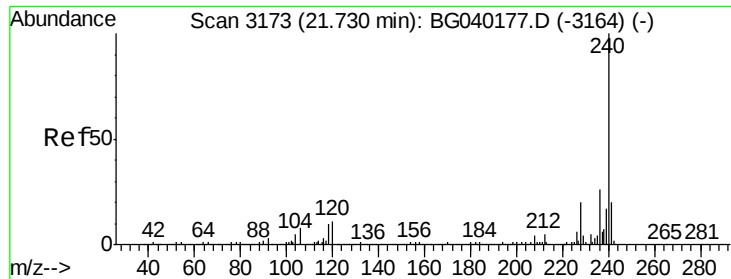


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

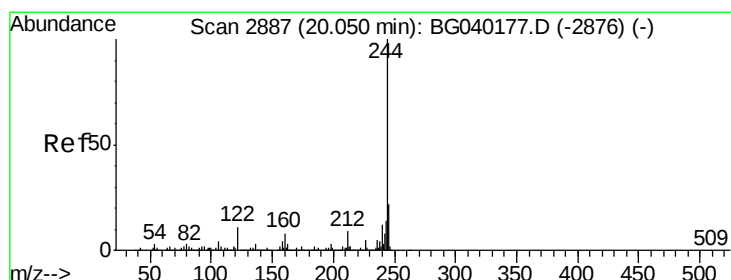
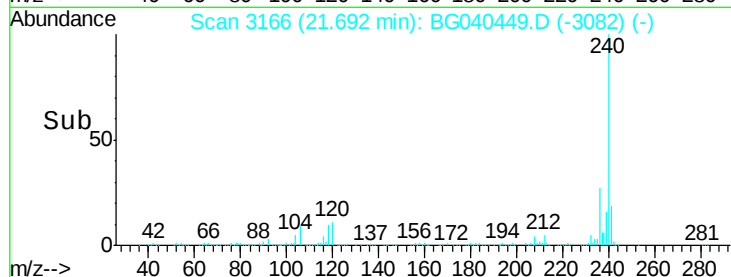
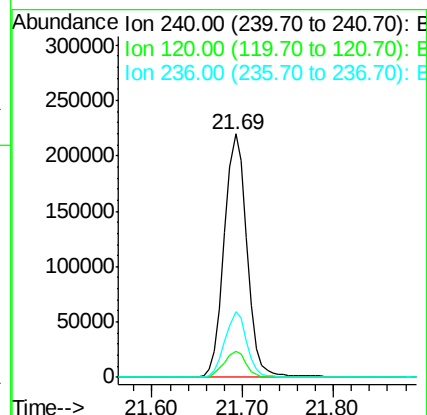
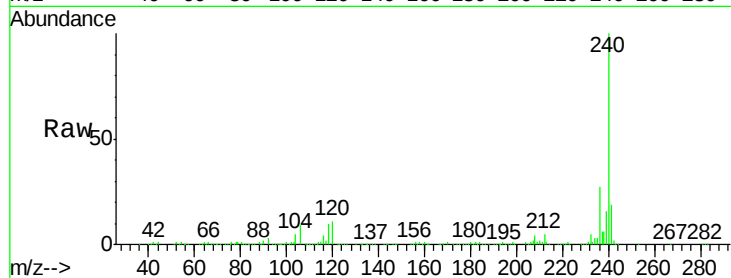




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.04 min
Lab File: BG040449.D
Acq: 11 Apr 2019 20:09

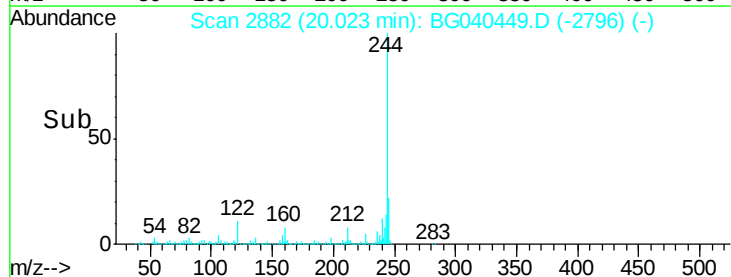
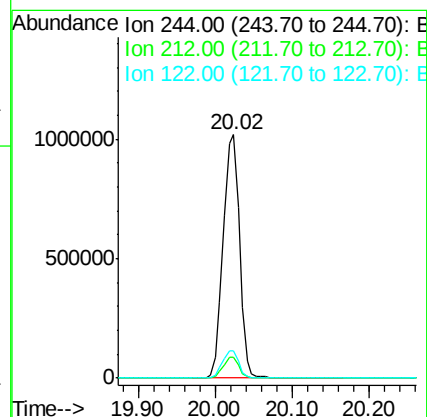
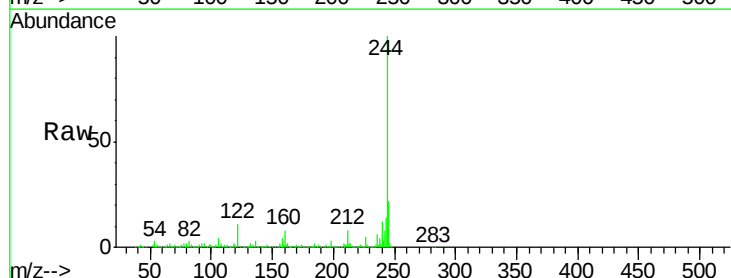
Instrument :
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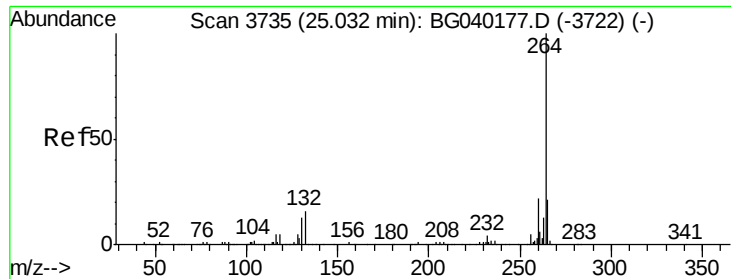
Tgt Ion:240 Resp: 382793
Ion Ratio Lower Upper
240 100
120 10.6 8.4 12.6
236 27.1 20.8 31.2



#79
Terphenyl-d14
Concen: 88.113 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.03 min
Lab File: BG040449.D
Acq: 11 Apr 2019 20:09

Tgt Ion:244 Resp: 1499296
Ion Ratio Lower Upper
244 100
212 8.4 7.0 10.6
122 11.4 8.5 12.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3724
Delta R.T. -0.06 min
Lab File: BG040449.D
Acq: 11 Apr 2019 20:09

Instrument :
BNA_G
ClientSampleId :
0168-SITE-WATER

Tgt Ion: 264 Resp: 380682
Ion Ratio Lower Upper
264 100
260 23.4 17.9 26.9
265 20.8 16.8 25.2

