

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012120\
 Data File : BG044146.D
 Acq On : 21 Jan 2020 23:13
 Operator : JU
 Sample : L1173-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0052-DECANT-H2O-COMP-4

Quant Time: Jan 22 07:27:03 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

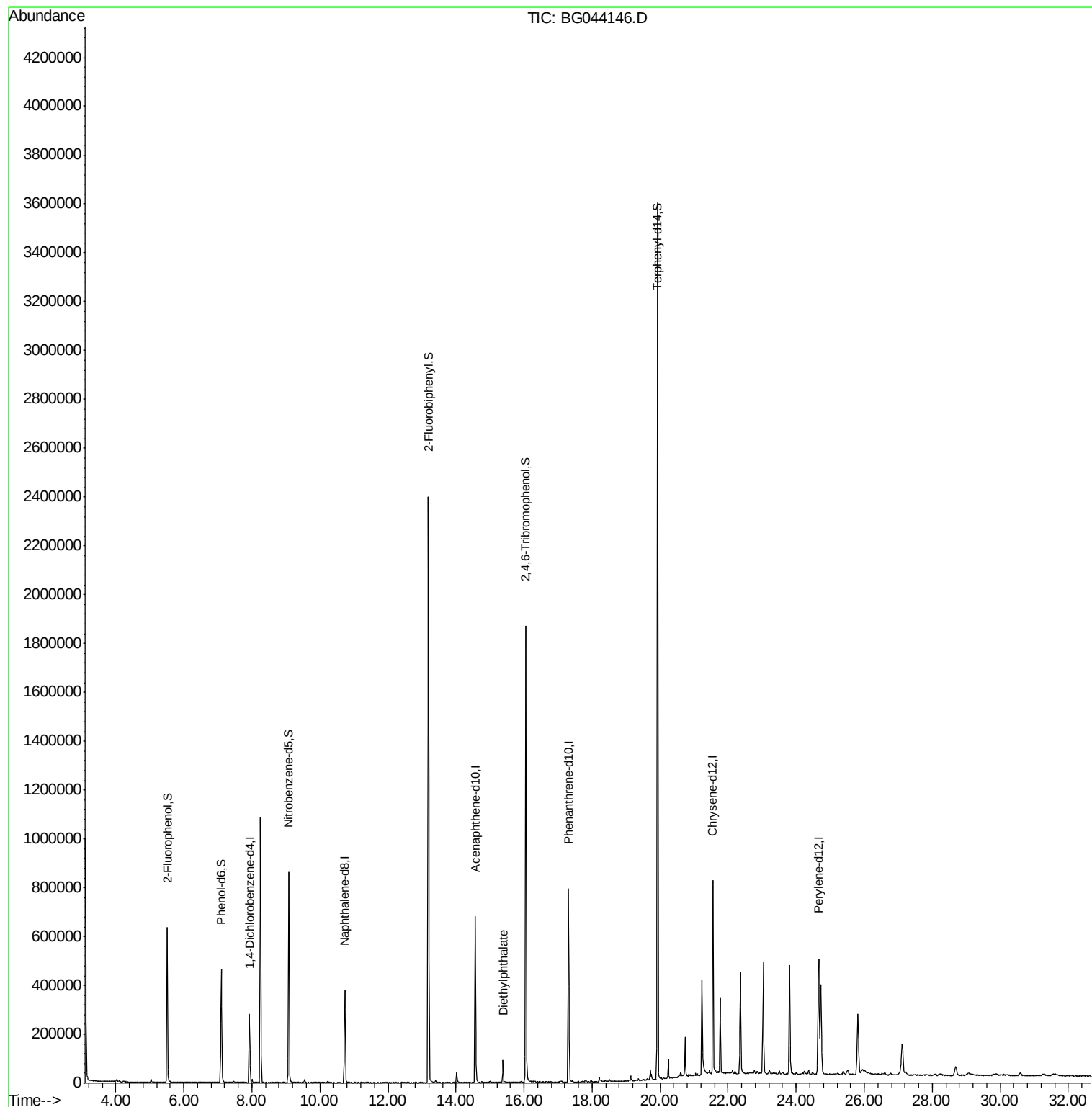
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	82469	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	362492	20.00	ng	-0.03
39) Acenaphthene-d10	14.56	164	245559	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	510084	20.00	ng	-0.03
76) Chrysene-d12	21.55	240	431270	20.00	ng	-0.04
87) Perylene-d12	24.66	264	477728	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	318734	70.96	ng	-0.03
7) Phenol-d6	7.10	99	310099	49.39	ng	-0.03
23) Nitrobenzene-d5	9.08	82	570109	84.14	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	355393	138.30	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1301961	96.06	ng	-0.03
79) Terphenyl-d14	19.92	244	1676874	97.29	ng	-0.03
Target Compounds						
60) Diethylphthalate	15.38	149	52441	3.007	ng	Qvalue 96

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

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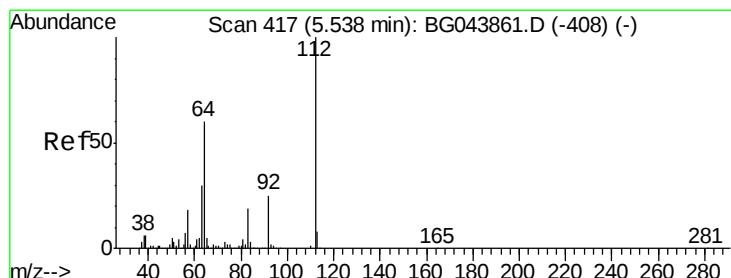
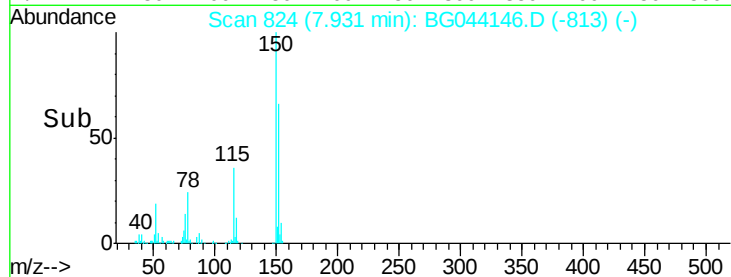
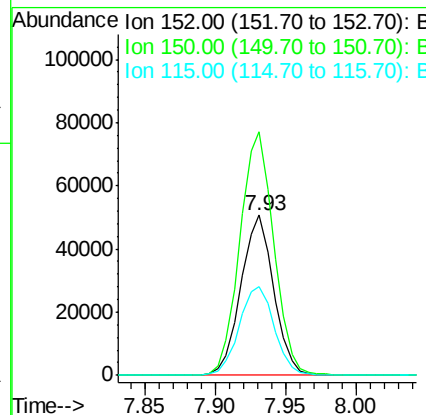
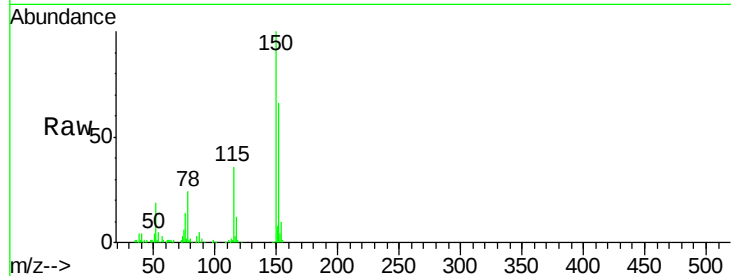


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044146.D
Acq: 21 Jan 2020 23:13

Instrument :
BNA_G
ClientSampleId :
0052-DECANT-H2O-COMP-4

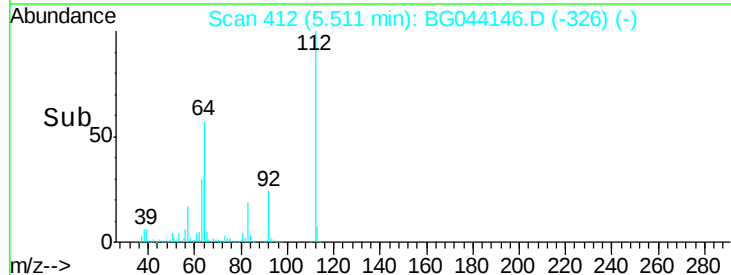
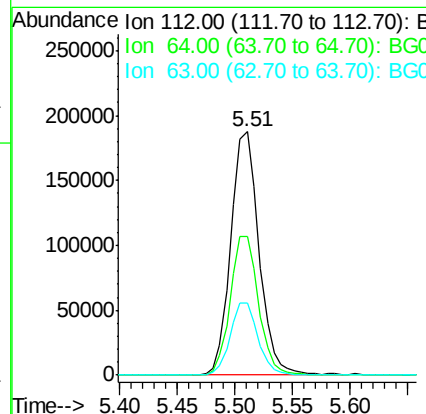
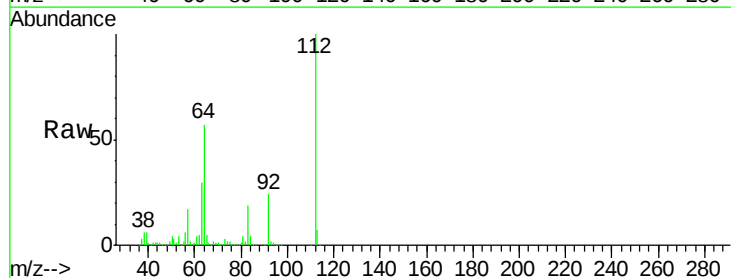
Tot Ion:152 Resp: 82469
Ion Ratio Lower Upper
152 100
150 152.0 127.0 190.4
115 55.4 47.8 71.8



#5

2-Fluorophenol
Concen: 70.964 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044146.D
Acq: 21 Jan 2020 23:13

Tgt Ion:112 Resp: 318734
Ion Ratio Lower Upper
112 100
64 57.0 47.8 71.6
63 29.7 24.3 36.5





#7

Phenol-d6

Concen: 49.392 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.03 min

Lab File: BG044146.D

Acq: 21 Jan 2020 23:13

Instrument :

BNA_G

ClientSampleId :

0052-DECANT-H2O-COMP-4

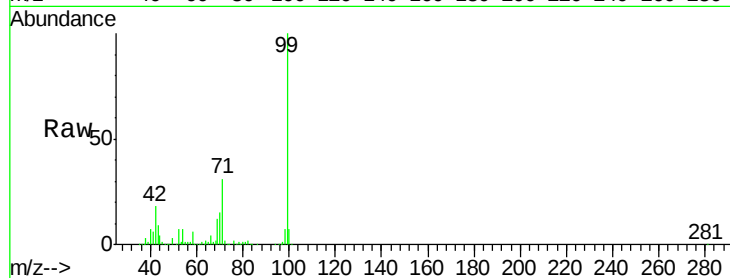
Tot Ion: 99 Resp: 310099

Ion Ratio Lower Upper

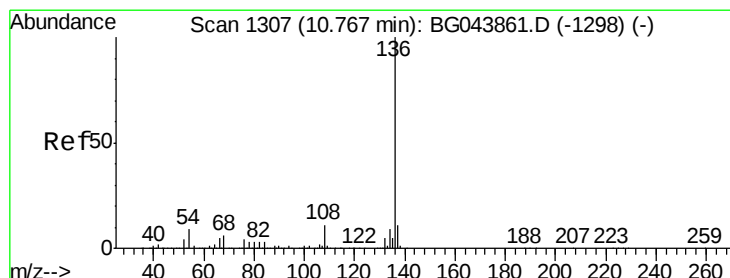
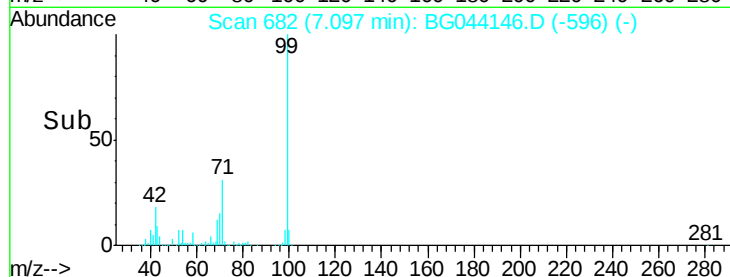
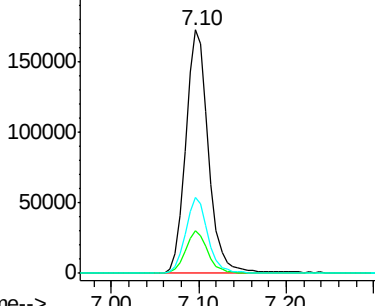
99 100

42 17.5 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1301

Delta R.T. -0.03 min

Lab File: BG044146.D

Acq: 21 Jan 2020 23:13

Tgt Ion: 136 Resp: 362492

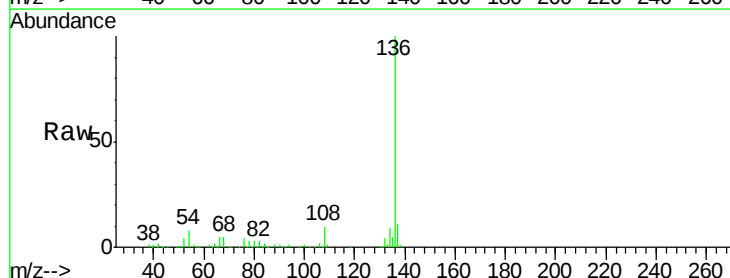
Ion Ratio Lower Upper

136 100

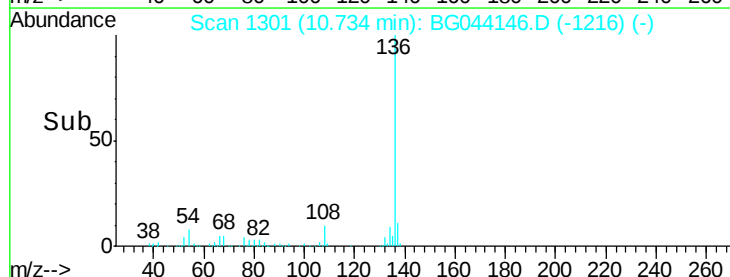
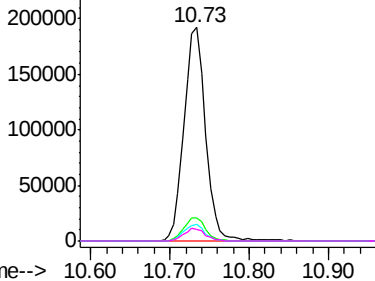
137 10.7 8.8 13.2

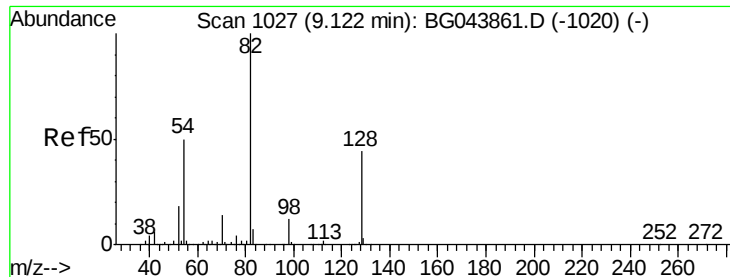
54 8.1 7.0 10.4

68 5.3 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





#23

Nitrobenzene-d5

Concen: 84.136 ng

RT: 9.08 min Scan# 1020

Delta R.T. -0.04 min

Lab File: BG044146.D

Acq: 21 Jan 2020 23:13

Instrument :

BNA_G

ClientSampleId :

0052-DECANT-H2O-COMP-4

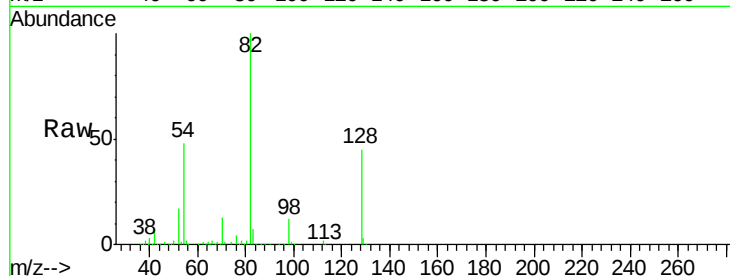
Tot Ion: 82 Resp: 570109

Ion Ratio Lower Upper

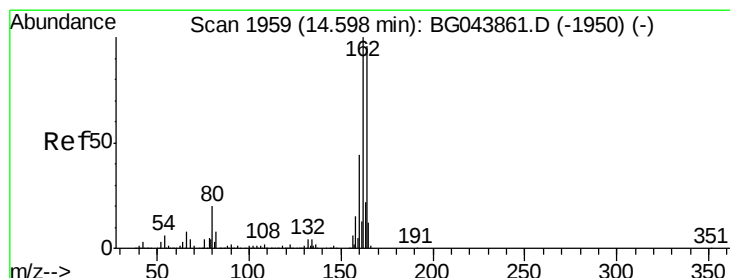
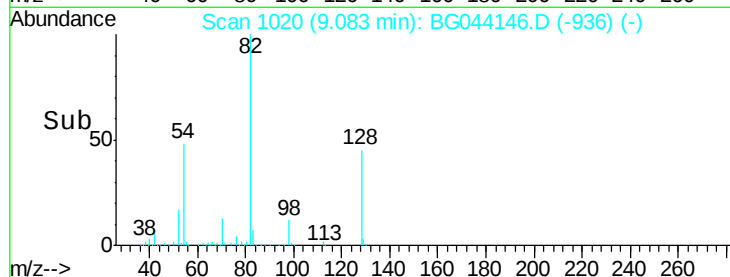
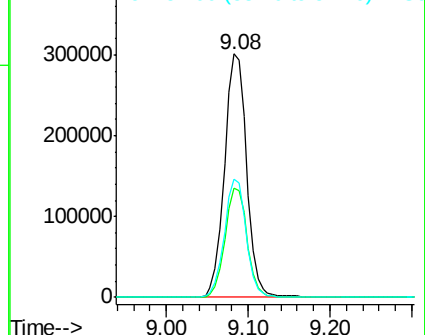
82 100

128 44.8 35.1 52.7

54 48.4 40.1 60.1



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: 14.56 min Scan# 1953

Delta R.T. -0.03 min

Lab File: BG044146.D

Acq: 21 Jan 2020 23:13

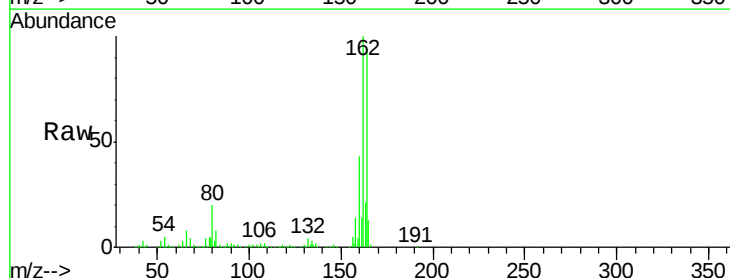
Tgt Ion: 164 Resp: 245559

Ion Ratio Lower Upper

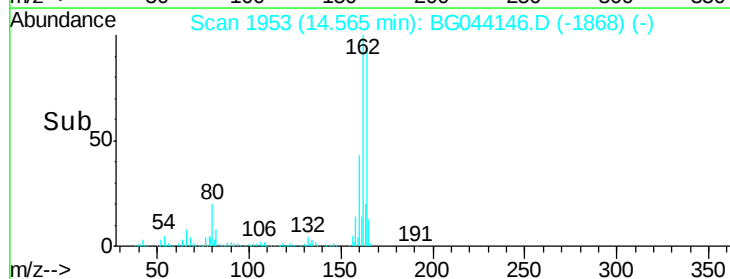
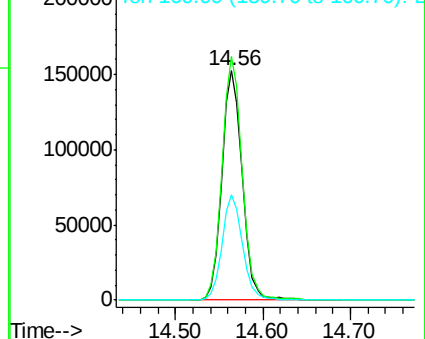
164 100

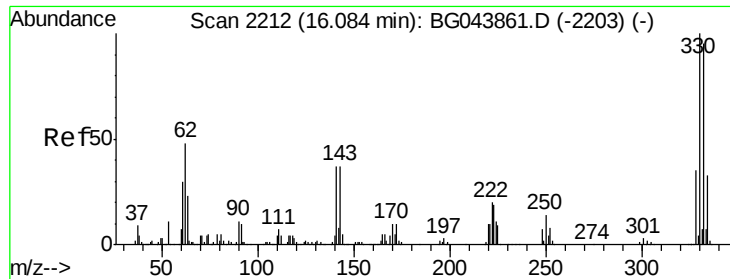
162 106.3 83.0 124.4

160 45.7 36.1 54.1



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

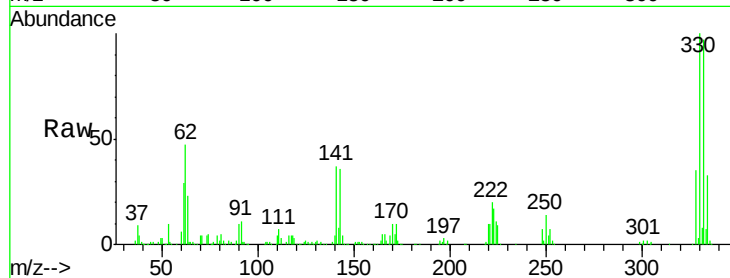




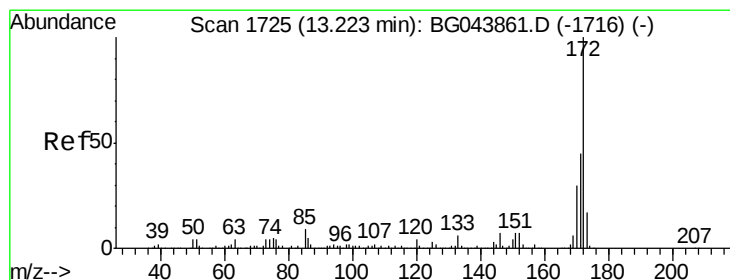
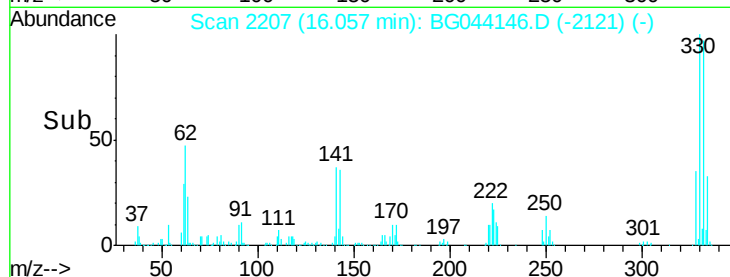
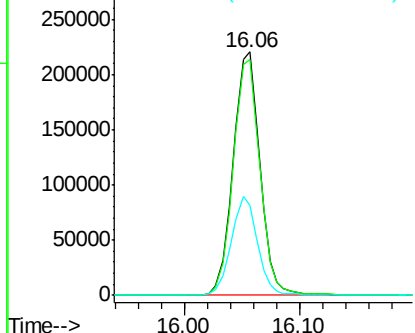
#42
 2,4,6-Tribromophenol
 Concen: 138.300 ng
 RT: 16.06 min Scan# 2207
 Delta R.T. -0.03 min
 Lab File: BG044146.D
 Acq: 21 Jan 2020 23:13

Instrument :
 BNA_G
 ClientSampleId :
 0052-DECANT-H2O-COMP-4

Tot Ion:330 Resp: 355393
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.2 115.8
 141 39.9 33.1 49.7

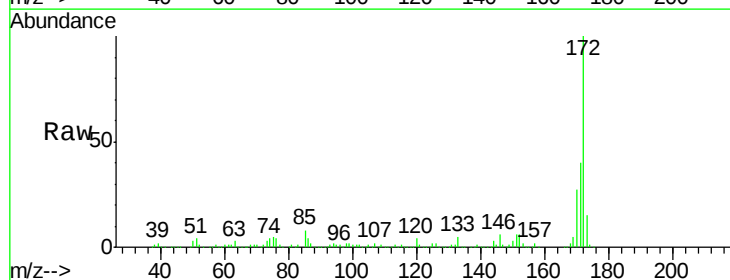


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

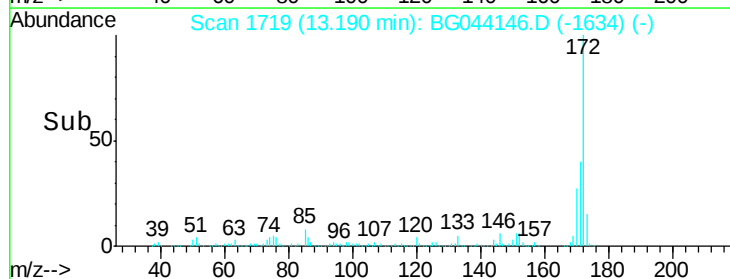
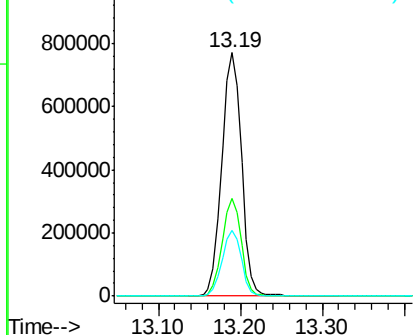


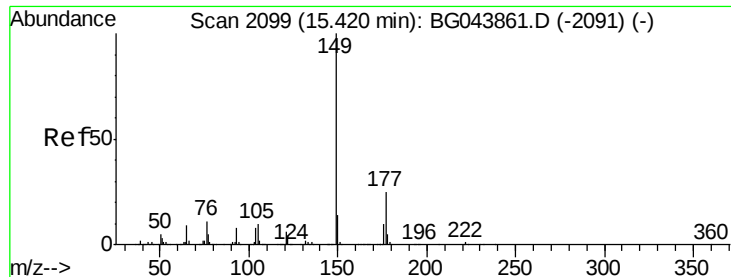
#45
 2-Fluorobiphenyl
 Concen: 96.061 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.03 min
 Lab File: BG044146.D
 Acq: 21 Jan 2020 23:13

Tgt Ion:172 Resp: 1301961
 Ion Ratio Lower Upper
 172 100
 171 40.0 35.8 53.8
 170 27.1 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

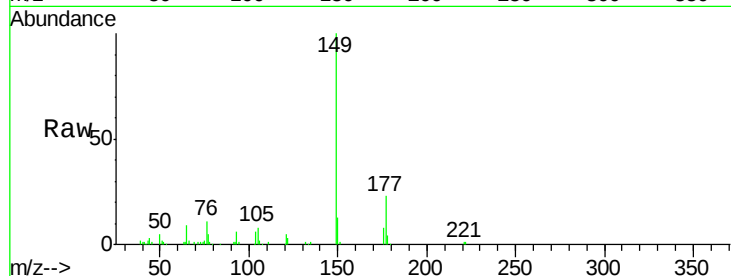




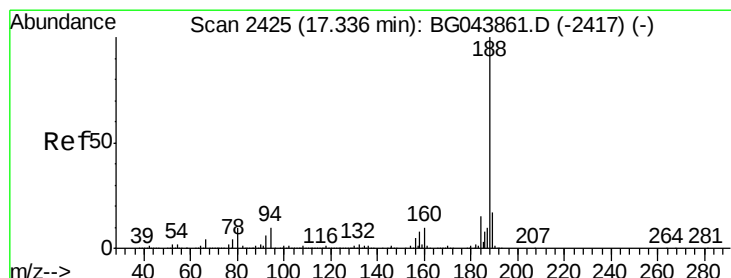
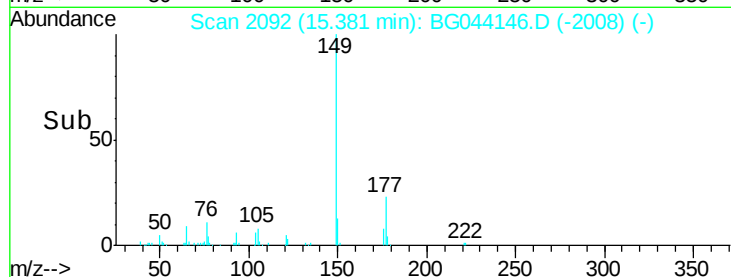
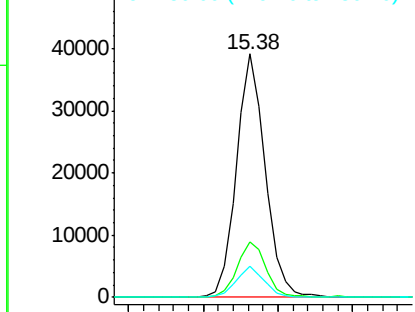
#60
Diethylphthalate
Concen: 3.007 ng
RT: 15.38 min Scan# 2092
Delta R.T. -0.04 min
Lab File: BG044146.D
Acq: 21 Jan 2020 23:13

Instrument :
BNA_G
ClientSampleId :
0052-DECANT-H2O-COMP-4

Tot Ion:149 Resp: 52441
Ion Ratio Lower Upper
149 100
177 23.0 20.0 30.0
150 12.7 11.1 16.7

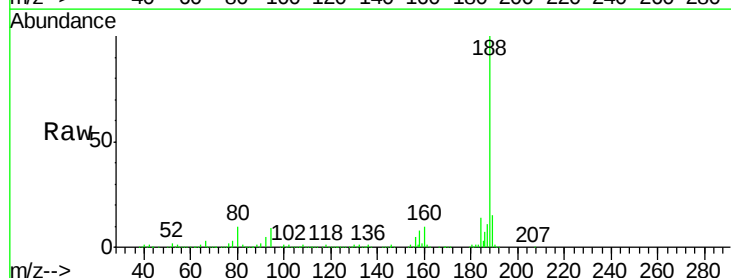


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

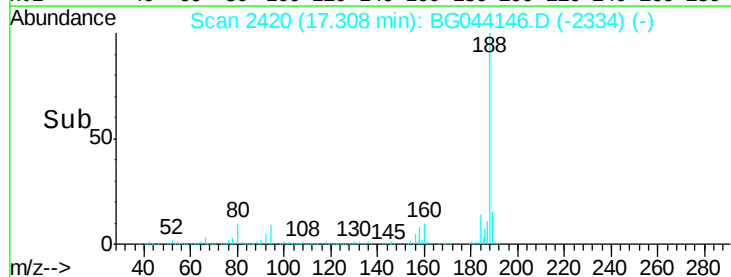
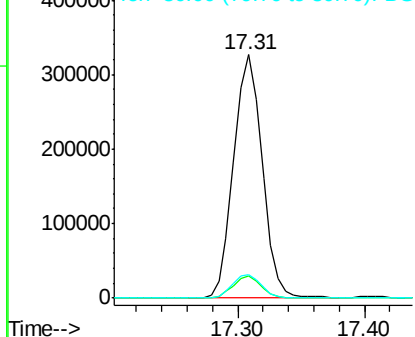


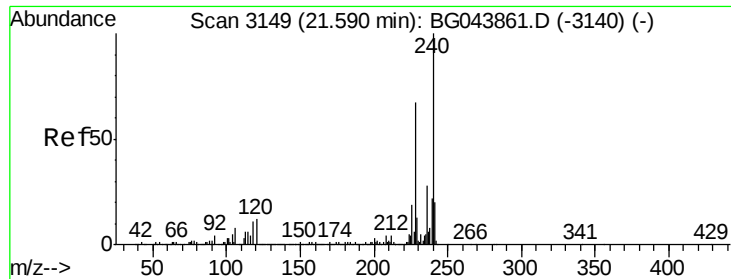
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BG044146.D
Acq: 21 Jan 2020 23:13

Tgt Ion:188 Resp: 510084
Ion Ratio Lower Upper
188 100
94 9.4 7.9 11.9
80 9.9 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

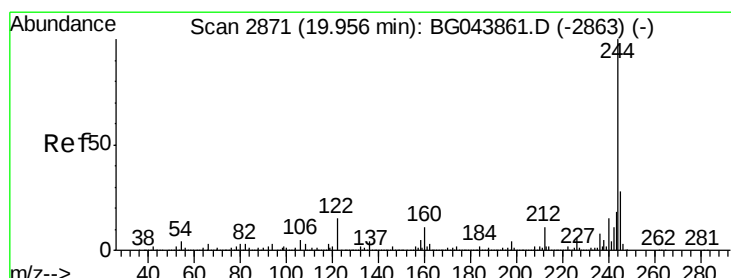
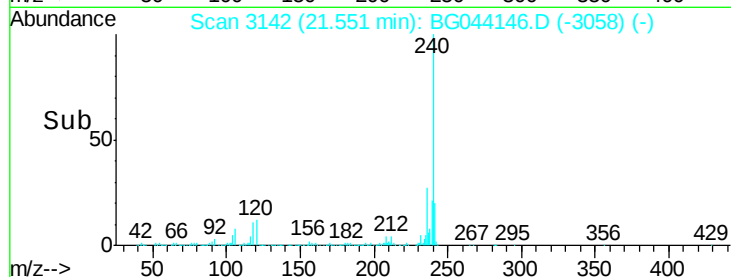
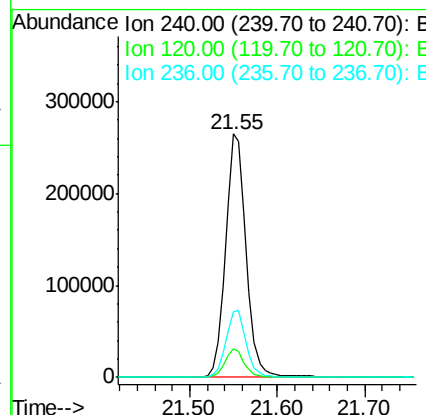
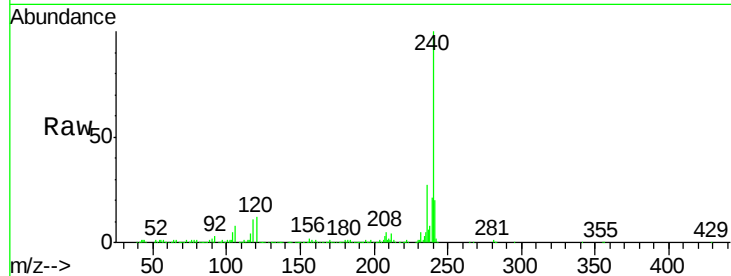




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.04 min
Lab File: BG044146.D
Acq: 21 Jan 2020 23:13

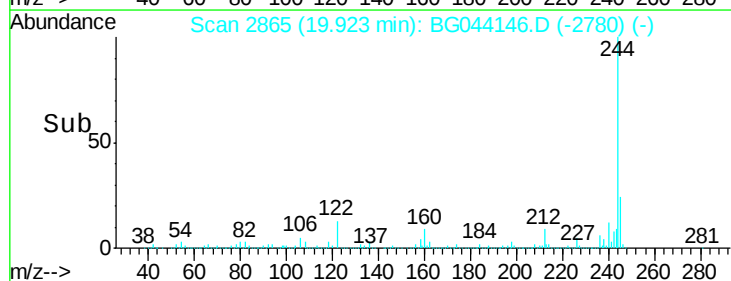
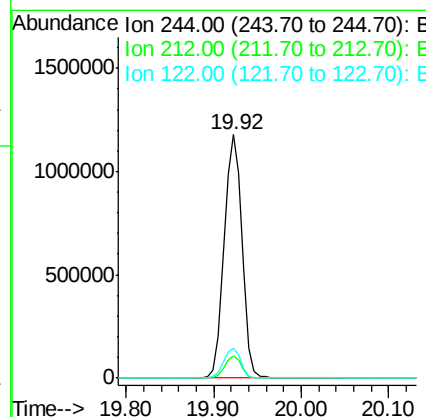
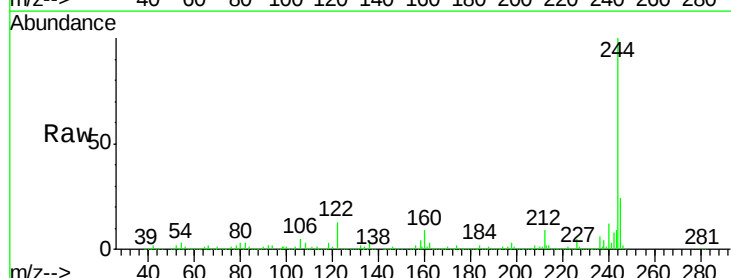
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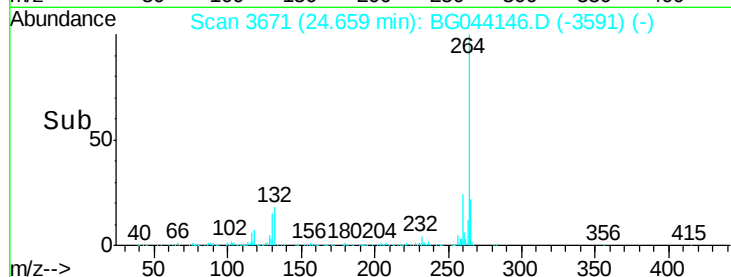
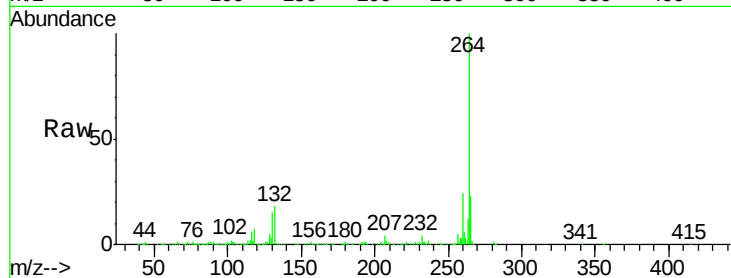
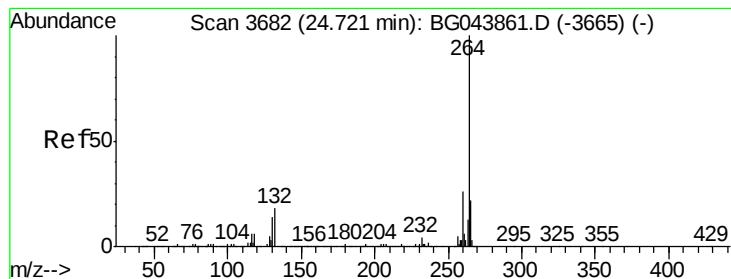
Tot Ion:240 Resp: 431270
Ion Ratio Lower Upper
240 100
120 11.6 9.6 14.4
236 27.1 22.2 33.2



#79
Terphenyl-d14
Concen: 97.293 ng
RT: 19.92 min Scan# 2865
Delta R.T. -0.03 min
Lab File: BG044146.D
Acq: 21 Jan 2020 23:13

Tgt Ion:244 Resp: 1676874
Ion Ratio Lower Upper
244 100
212 8.9 8.6 13.0
122 12.5 11.9 17.9





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.66 min Scan# 3671

Delta R.T. -0.06 min

Lab File: BG044146.D

Acq: 21 Jan 2020 23:13

Instrument :

BNA_G

ClientSampleId :

0052-DECANT-H2O-COMP-4

Tot Ion:264 Resp: 477728

Ion Ratio Lower Upper

264 100

260 24.0 20.4 30.6

265 22.5 17.4 26.2

