

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012120\
 Data File : BG044147.D
 Acq On : 21 Jan 2020 23:52
 Operator : JU
 Sample : L1173-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0051-DECANT-H2O-COMP-3

Quant Time: Jan 22 07:28:42 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	86099	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	378917	20.00	ng	-0.04
39) Acenaphthene-d10	14.56	164	255333	20.00	ng	-0.04
64) Phenanthrene-d10	17.31	188	530225	20.00	ng	-0.03
76) Chrysene-d12	21.55	240	457056	20.00	ng	-0.04
87) Perylene-d12	24.66	264	511814	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	307870	65.66	ng	-0.03
7) Phenol-d6	7.10	99	295126	45.03	ng	-0.02
23) Nitrobenzene-d5	9.09	82	591539	83.51	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	368540	137.93	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1368778	97.12	ng	-0.04
79) Terphenyl-d14	19.93	244	1587487	83.30	ng	-0.03

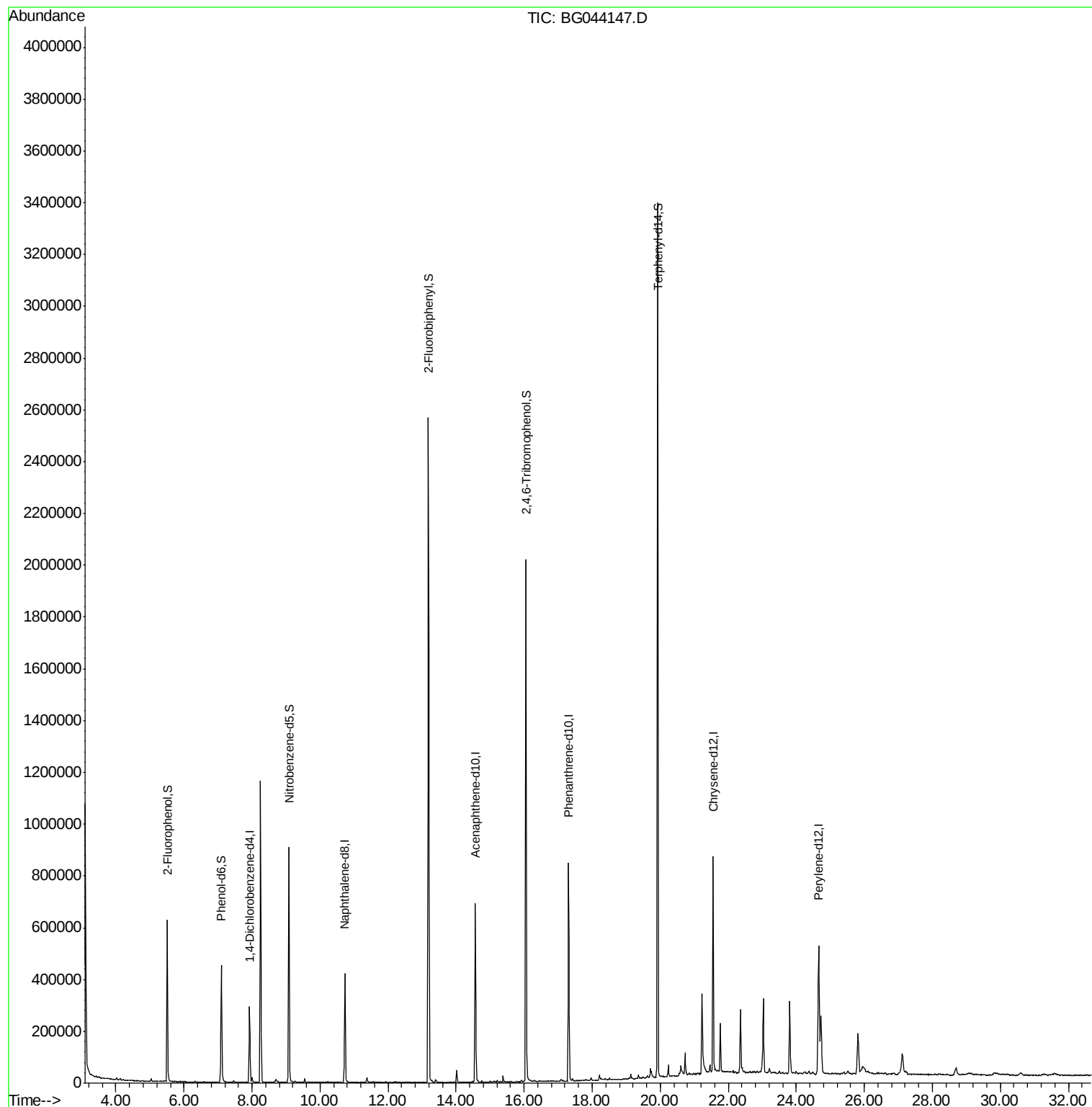
Target Compounds Qvalue

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

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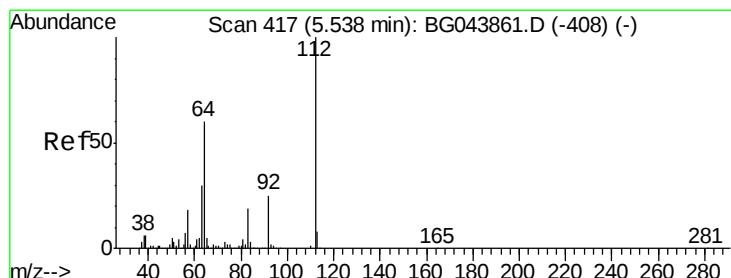
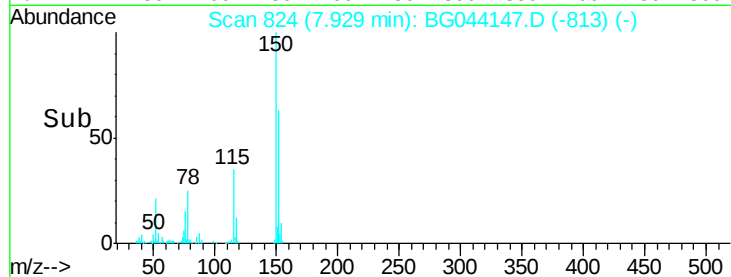
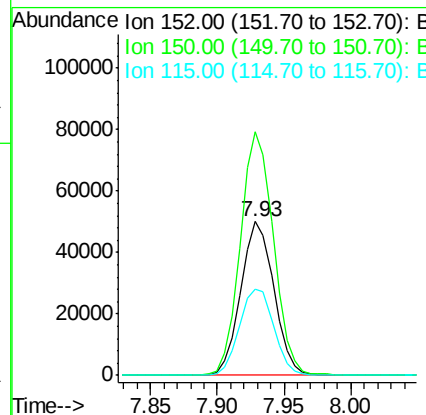
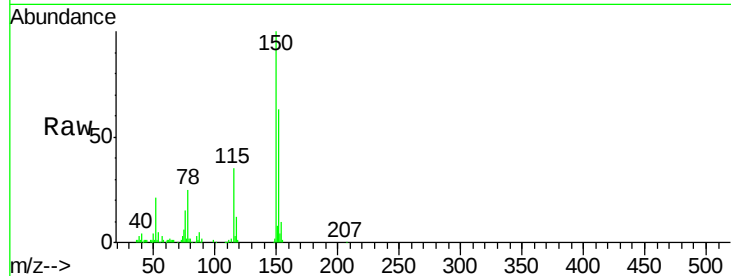


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG044147.D
Acq: 21 Jan 2020 23:52

Instrument :
BNA_G
ClientSampleId :
0051-DECANT-H2O-COMP-3

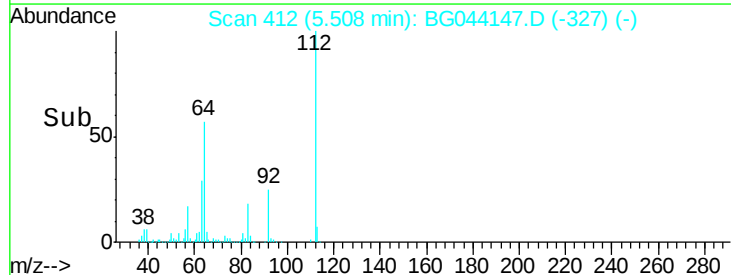
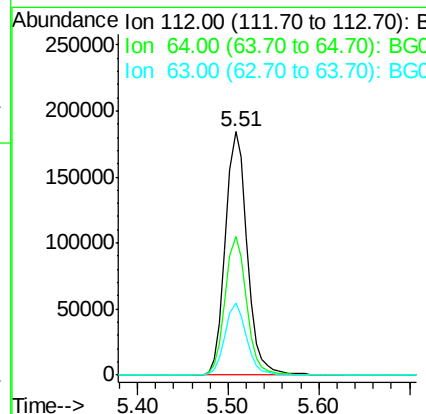
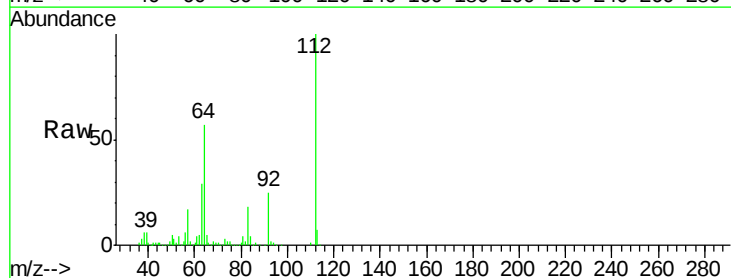
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	127.0	190.4
115	56.1	47.8	71.8

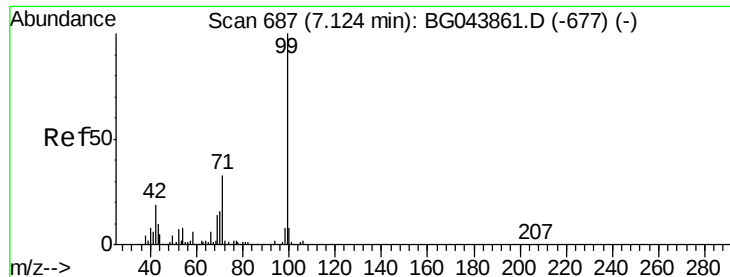


#5

2-Fluorophenol
Concen: 65.655 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044147.D
Acq: 21 Jan 2020 23:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	47.8	71.6
63	29.5	24.3	36.5





#7

Phenol-d6

Concen: 45.026 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044147.D

Acq: 21 Jan 2020 23:52

Instrument :

BNA_G

ClientSampleId :

0051-DECANT-H2O-COMP-3

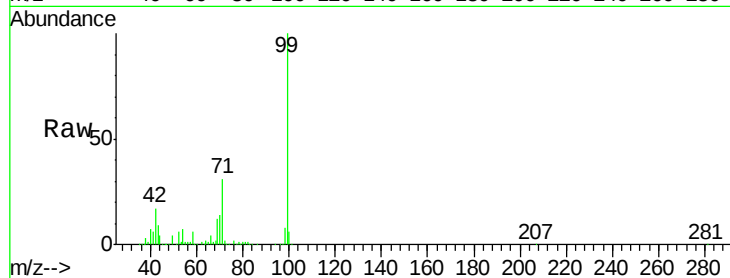
Tot Ion: 99 Resp: 295126

Ion Ratio Lower Upper

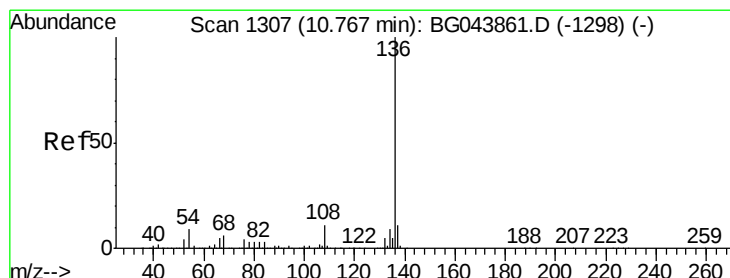
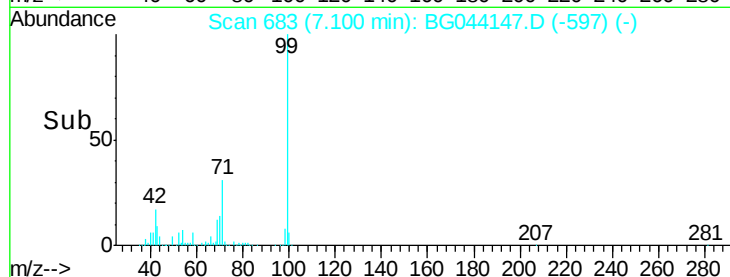
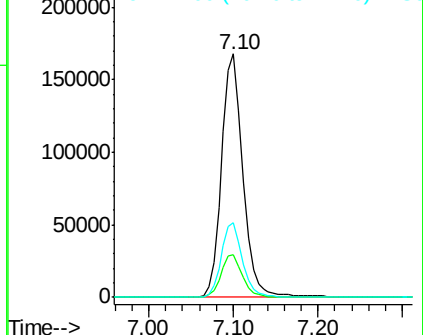
99 100

42 17.3 14.9 22.3

71 30.5 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. -0.04 min

Lab File: BG044147.D

Acq: 21 Jan 2020 23:52

Tgt Ion: 136 Resp: 378917

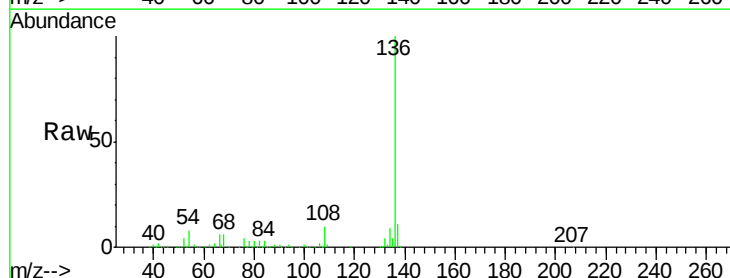
Ion Ratio Lower Upper

136 100

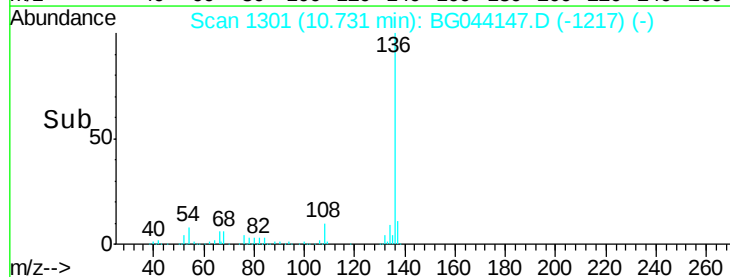
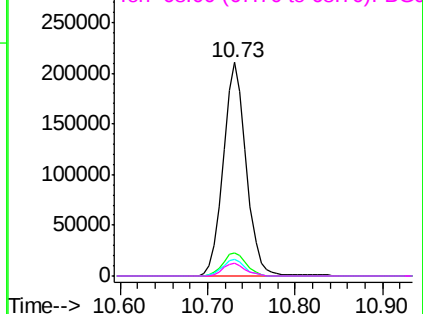
137 11.0 8.8 13.2

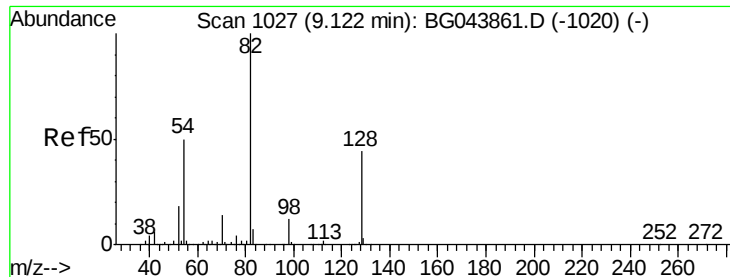
54 7.9 7.0 10.4

68 6.2 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: 83.514 ng

RT: 9.09 min Scan# 1021

Delta R.T. -0.04 min

Lab File: BG044147.D

Acq: 21 Jan 2020 23:52

Instrument :

BNA_G

ClientSampleId :

0051-DECANT-H2O-COMP-3

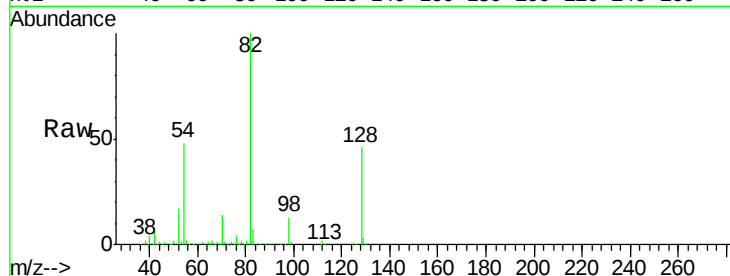
Tot Ion: 82 Resp: 591539

Ion Ratio Lower Upper

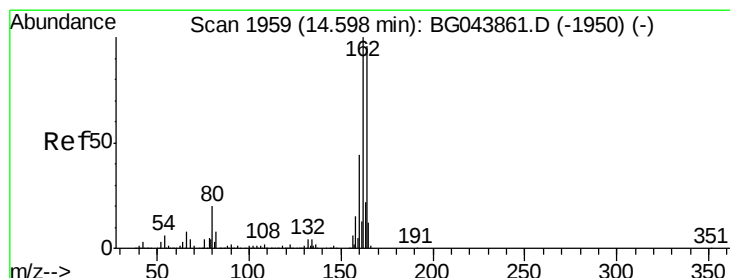
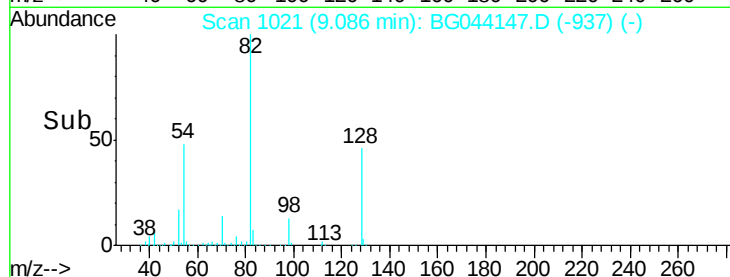
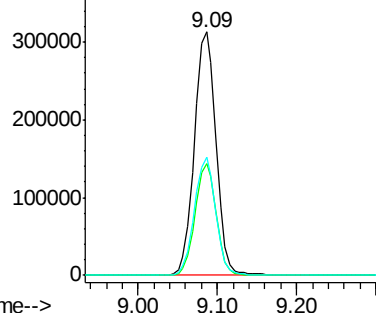
82 100

128 45.8 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. -0.04 min

Lab File: BG044147.D

Acq: 21 Jan 2020 23:52

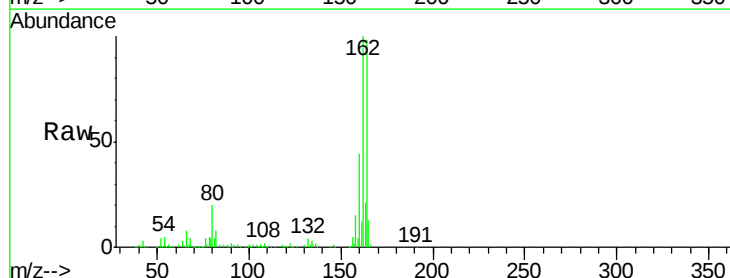
Tgt Ion: 164 Resp: 255333

Ion Ratio Lower Upper

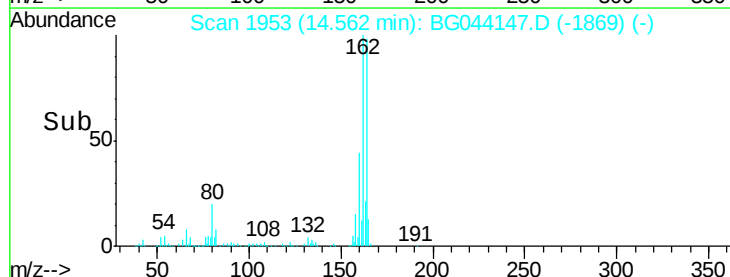
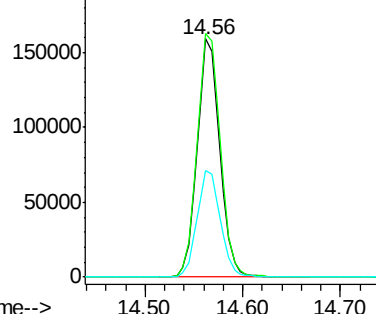
164 100

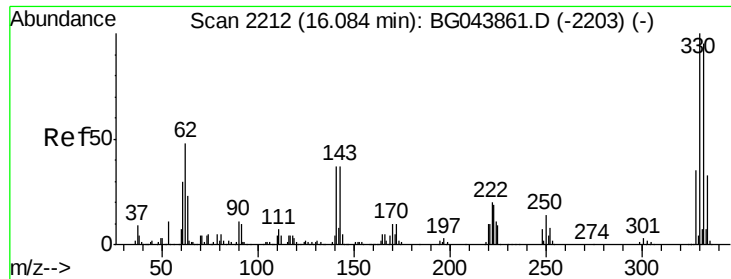
162 102.3 83.0 124.4

160 44.6 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

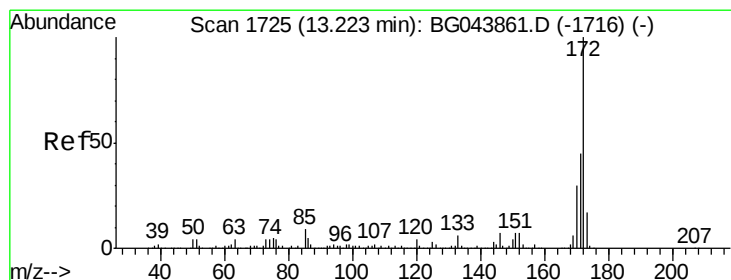
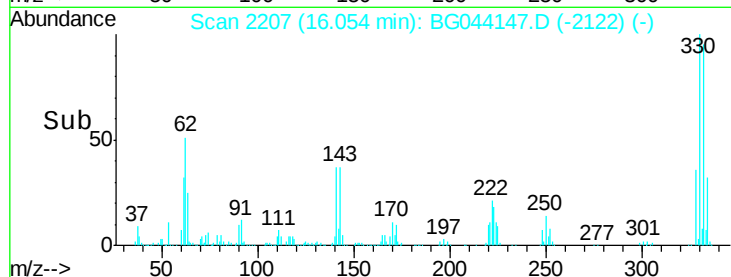
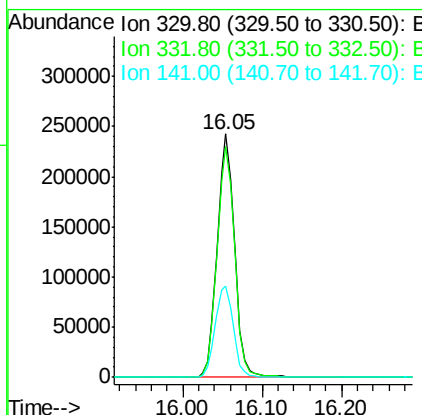
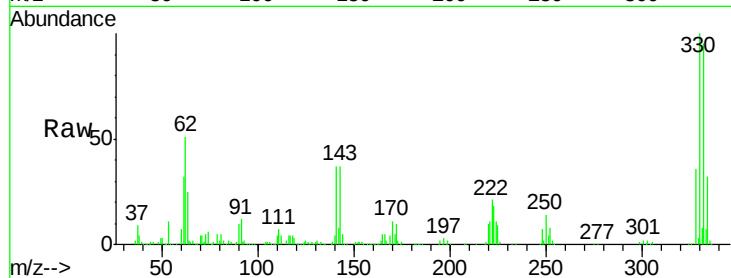




#42
 2,4,6-Tribromophenol
 Concen: 137.926 ng
 RT: 16.05 min Scan# 2207
 Delta R.T. -0.03 min
 Lab File: BG044147.D
 Acq: 21 Jan 2020 23:52

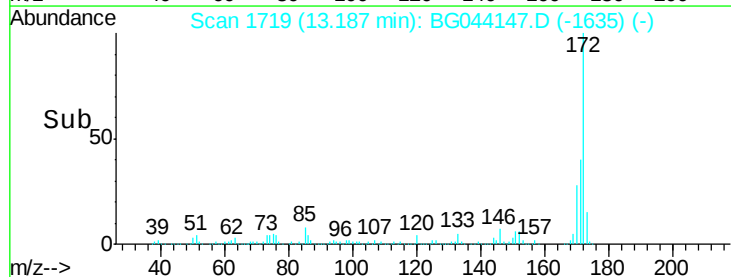
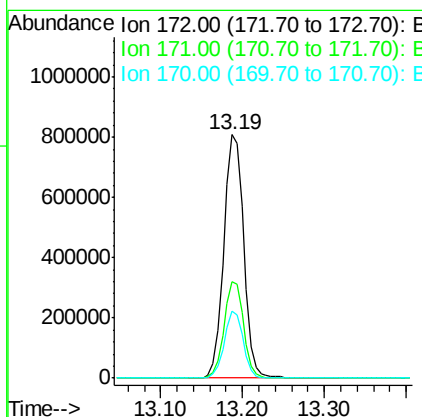
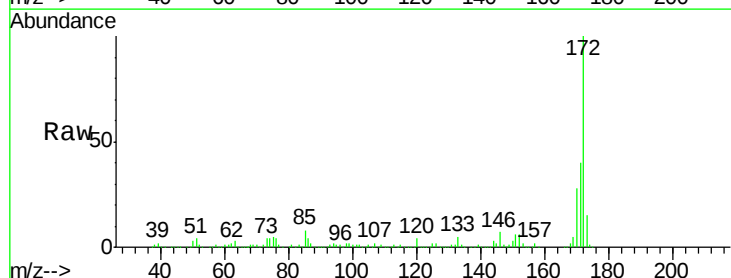
Instrument :
 BNA_G
 ClientSampleId :
 0051-DECANT-H2O-COMP-3

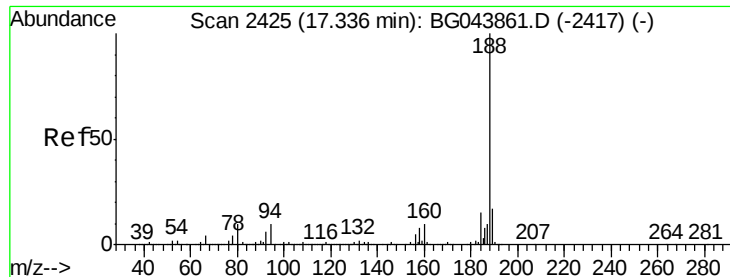
Tot Ion:330 Resp: 368540
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.2 115.8
 141 39.4 33.1 49.7



#45
 2-Fluorobiphenyl
 Concen: 97.125 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.04 min
 Lab File: BG044147.D
 Acq: 21 Jan 2020 23:52

Tgt Ion:172 Resp: 1368778
 Ion Ratio Lower Upper
 172 100
 171 39.8 35.8 53.8
 170 27.6 24.2 36.4

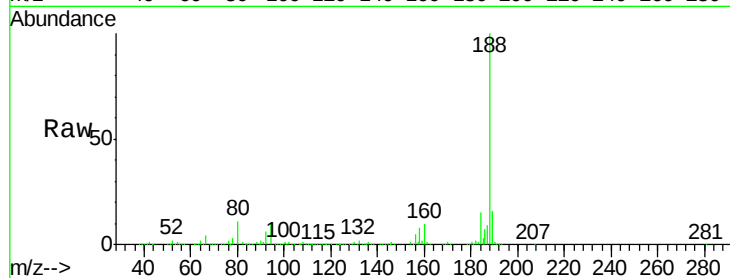




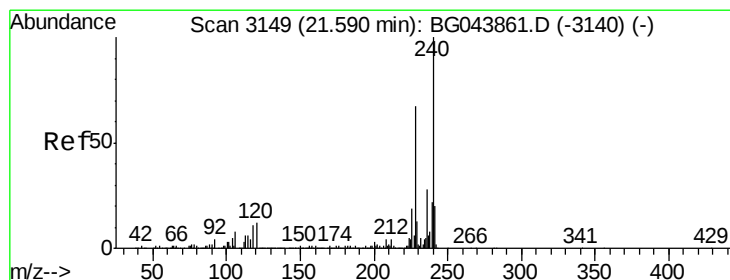
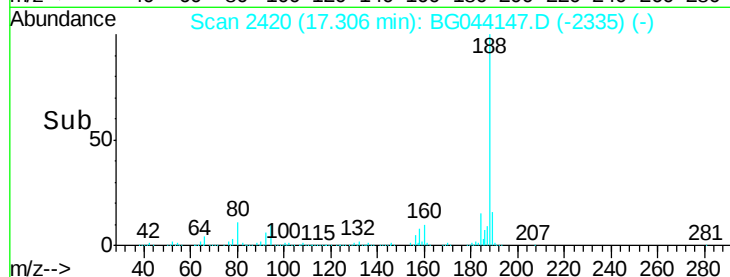
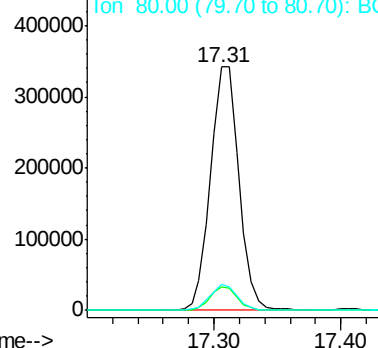
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BG044147.D
Acq: 21 Jan 2020 23:52

Instrument :
BNA_G
ClientSampleId :
0051-DECANT-H2O-COMP-3

Tot Ion:188 Resp: 530225
Ion Ratio Lower Upper
188 100
94 9.8 7.9 11.9
80 10.7 8.2 12.4

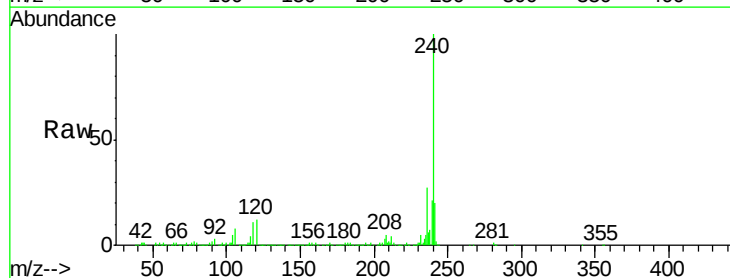


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

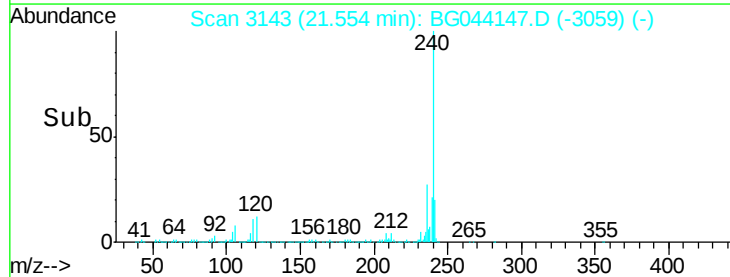
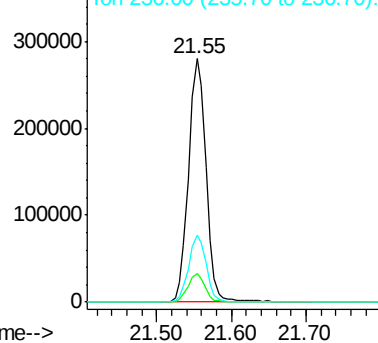


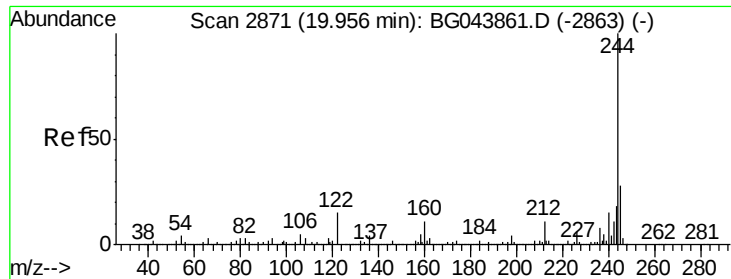
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3143
Delta R.T. -0.04 min
Lab File: BG044147.D
Acq: 21 Jan 2020 23:52

Tgt Ion:240 Resp: 457056
Ion Ratio Lower Upper
240 100
120 11.8 9.6 14.4
236 27.4 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: 83.299 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044147.D

Acq: 21 Jan 2020 23:52

Instrument :

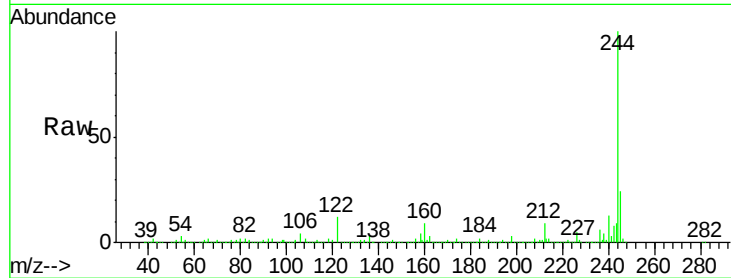
BNA_G

ClientSampleId :

0051-DECANT-H2O-COMP-3

Tot Ion:244 Resp: 1587487

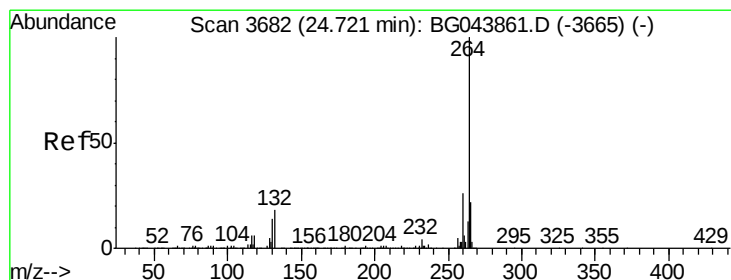
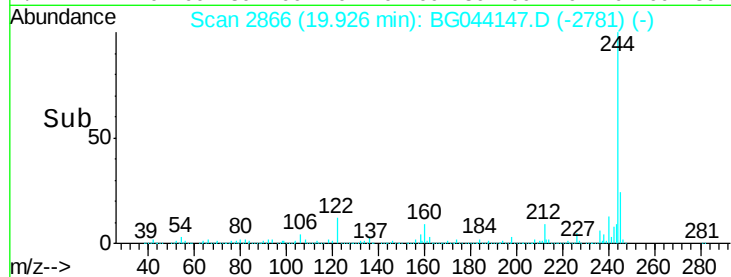
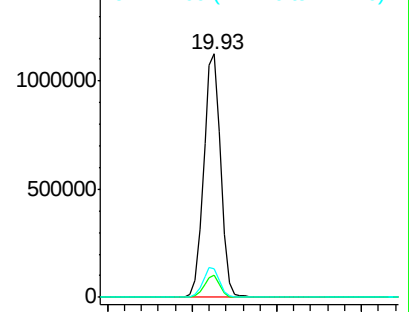
Ion	Ratio	Lower	Upper
244	100		
212	8.9	8.6	13.0
122	12.0	11.9	17.9



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: 24.66 min Scan# 3672

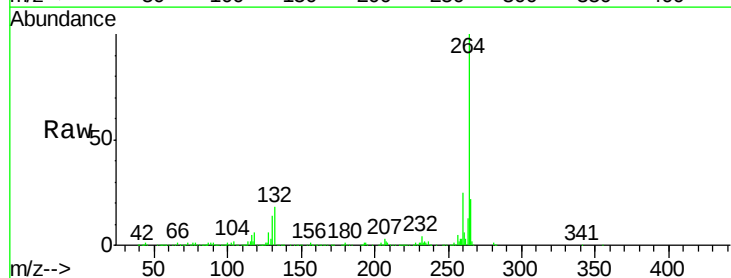
Delta R.T. -0.06 min

Lab File: BG044147.D

Acq: 21 Jan 2020 23:52

Tgt Ion:264 Resp: 511814

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.4	30.6
265	22.1	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

