

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 06:50:35 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

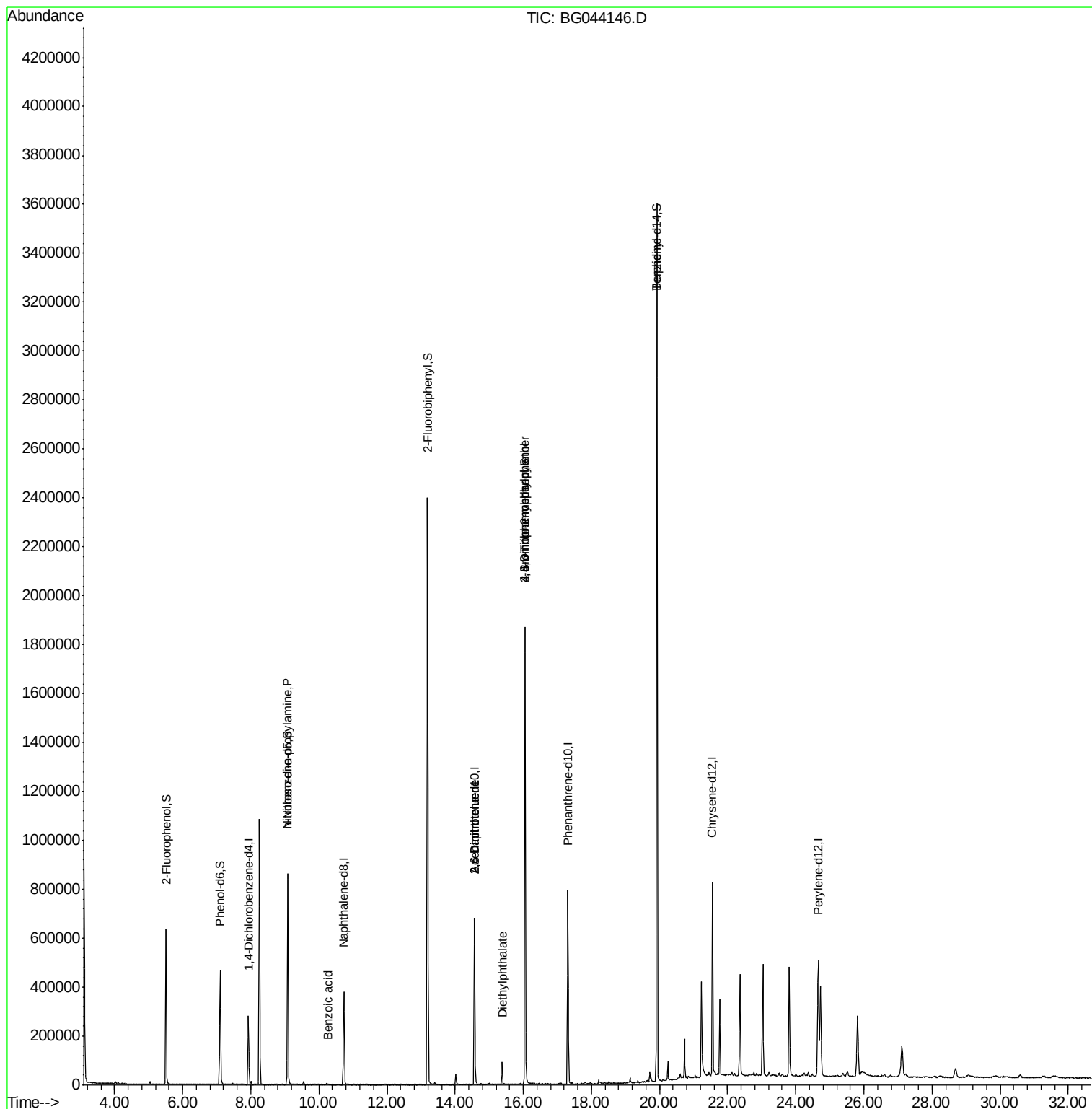
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	82469	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	362492	20.00	ng	-0.03
39) Acenaphthene-d10	14.56	164	245559	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	510084	20.00	ng	-0.03
76) Chrysene-d12	21.55	240	431270	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						
19) n-Nitroso-di-n-propylamine	9.08	70	75140	16.071	ng	# 83
32) Benzoic acid	10.26	122	66	6.277	ng	# 1
51) 2,6-Dinitrotoluene	14.56	165	32670	8.290	ng	# 26
57) 2,4-Dinitrotoluene	14.56	165	32670	6.093	ng	# 27
60) Diethylphthalate	15.38	149	52441	3.007	ng	96
65) 4,6-Dinitro-2-methylphenol	16.06	198	1308	4.842	ng	# 1
67) 4-Bromophenyl-phenylether	16.05	248	25289	4.408	ng	# 1
77) Benzidine	19.92	184	28285	2.609	ng	# 92

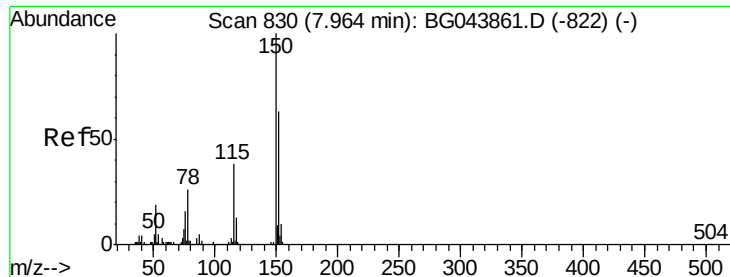
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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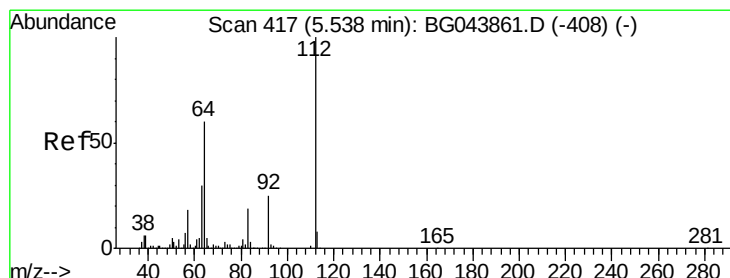
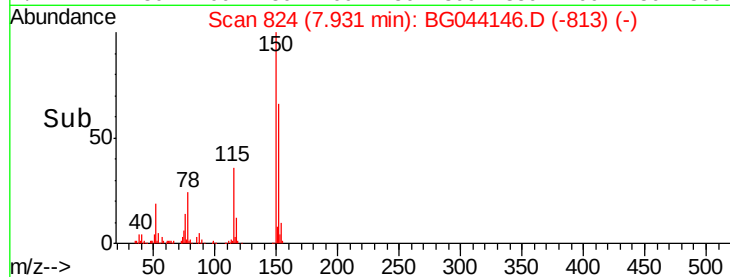
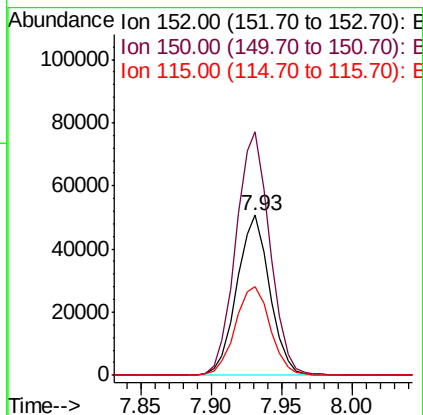
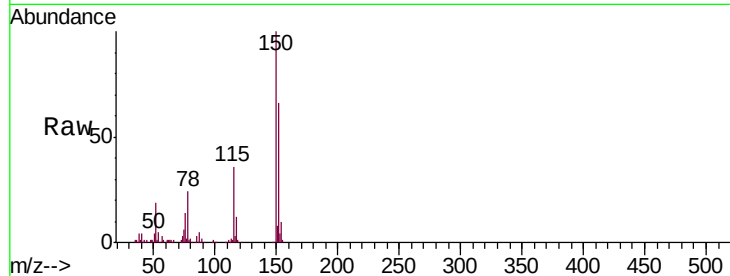


#1

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

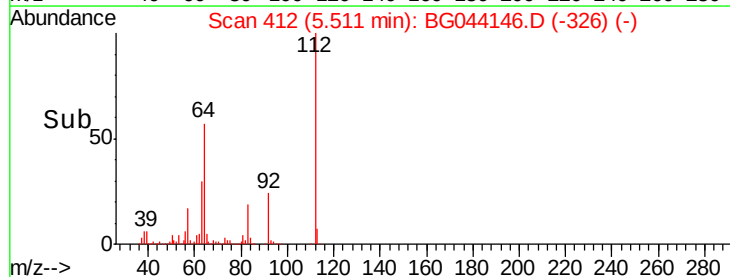
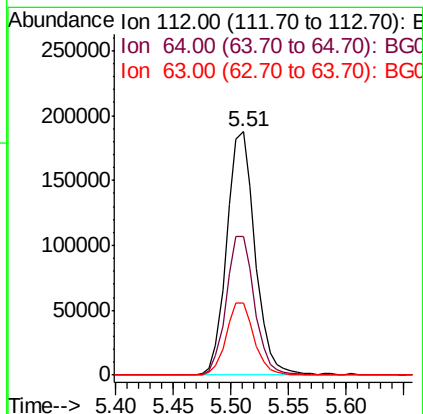
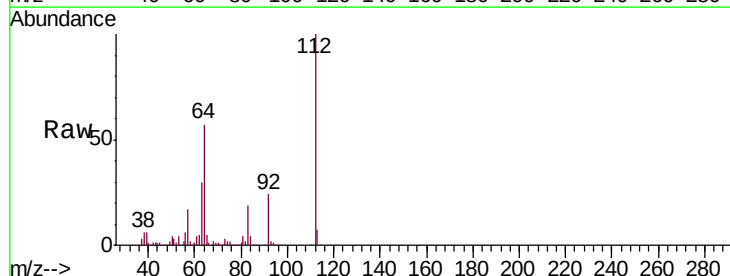
Tgt Ion:152 Resp: 82469
Ion Ratio Lower Upper
152 100
150 152.0 127.0 190.4
115 55.4 47.8 71.8

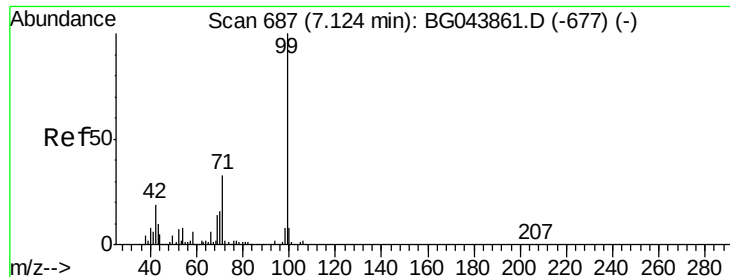


#5

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

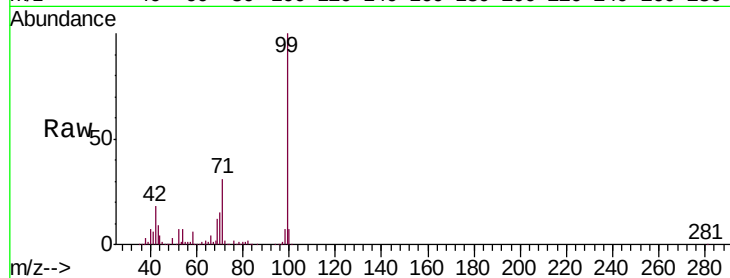
Tgt Ion: 99 Resp: 310099

Ion Ratio Lower Upper

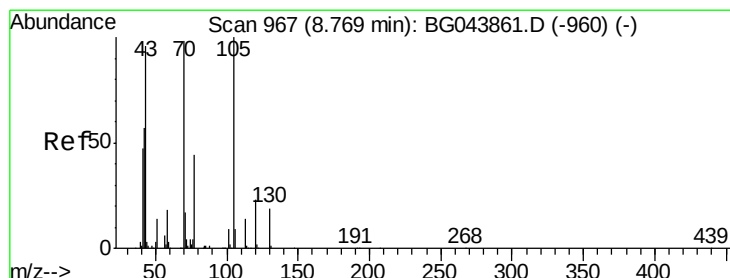
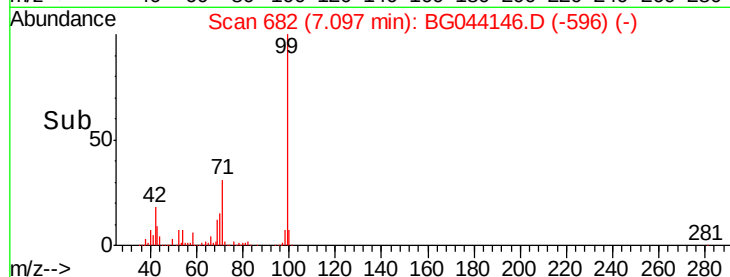
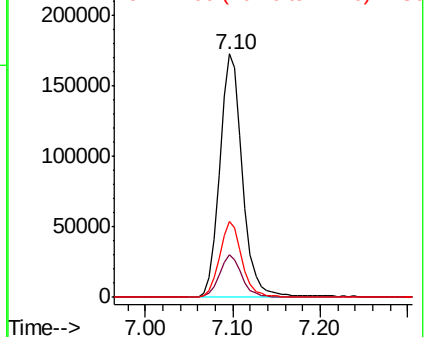
99 100

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



#19

n-Nitroso-di-n-propylamine

Concen: 16.071 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.31 min

Lab File: BG044146.D

Acq: 21 Jan 2020 23:13

Tgt Ion: 70 Resp: 75140

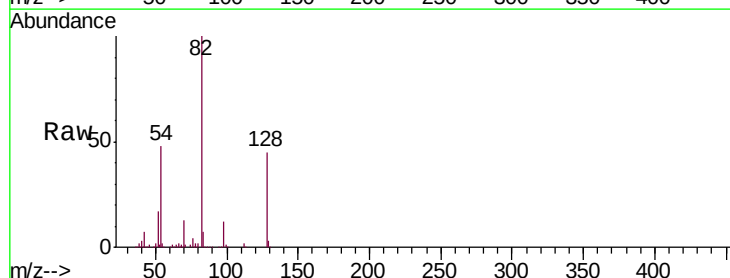
Ion Ratio Lower Upper

70 100

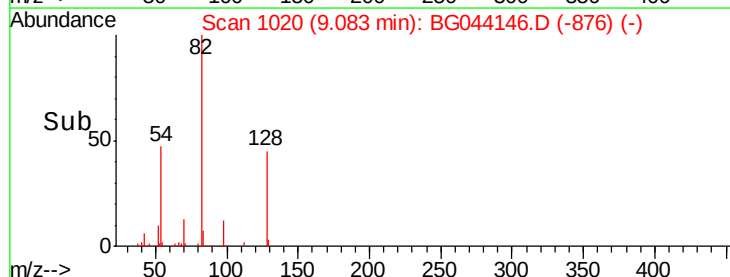
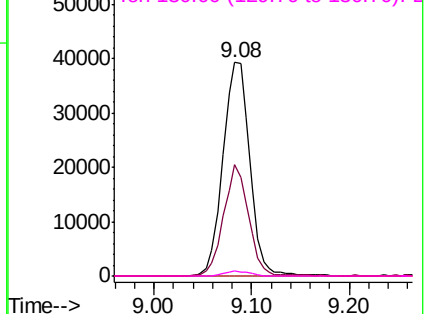
42 51.9 47.0 70.4

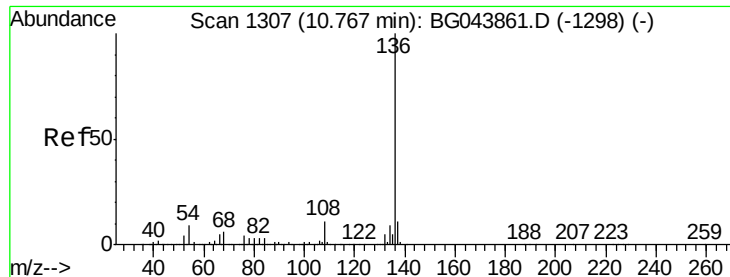
101 0.0 7.2 10.8#

130 2.5 15.6 23.4#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

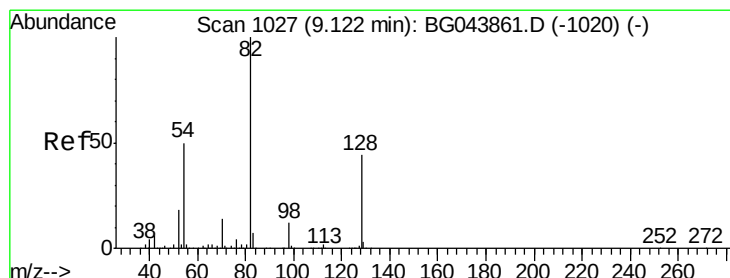
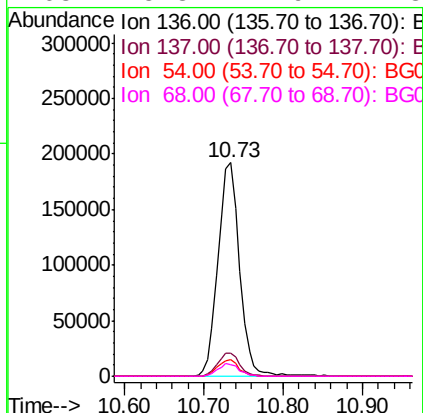
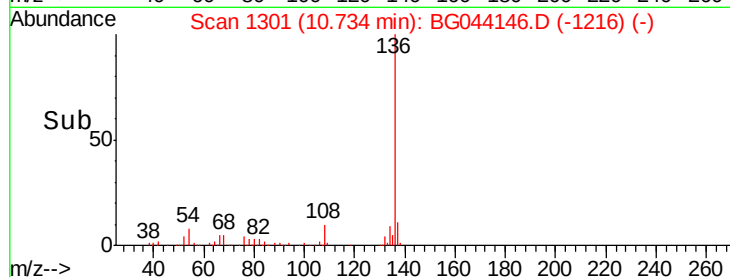
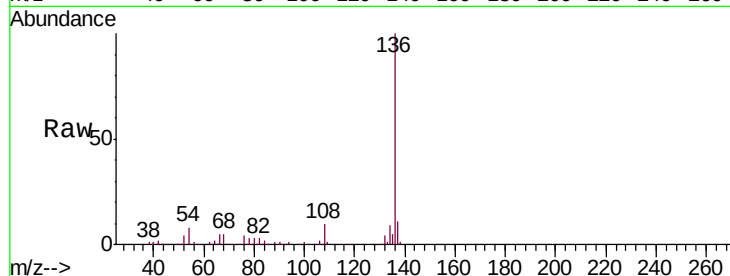




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BG044146.D
Acq: 21 Jan 2020 23:13

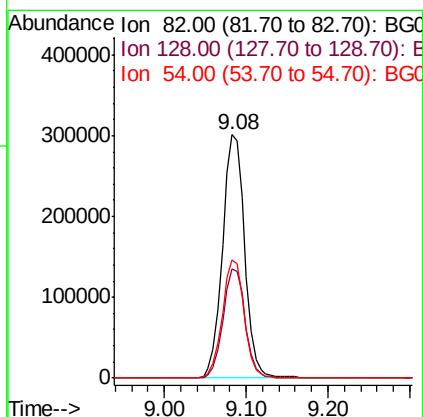
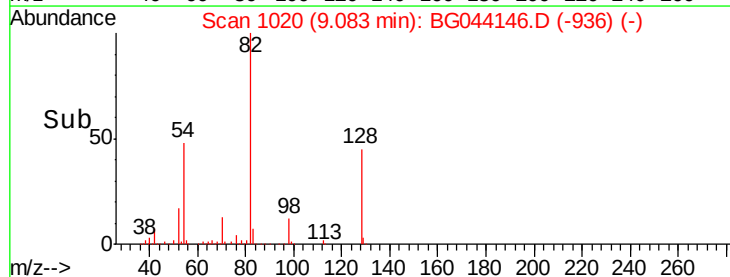
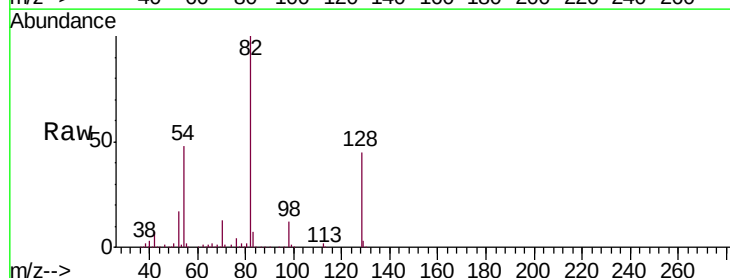
Instrument :
BNA_G
ClientSampleId :
0052-DECANT-H2O-COMP-4

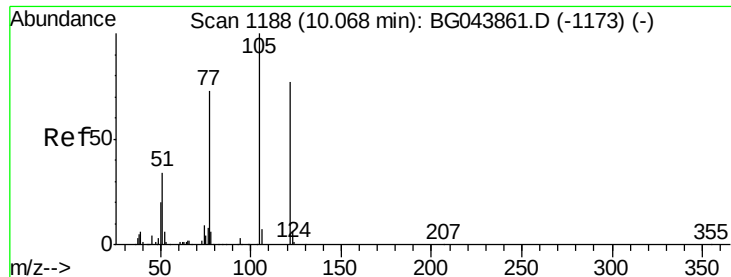
Tgt Ion:	136	Resp:	362492
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.1	7.0	10.4
68	5.3	4.9	7.3



#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

Tgt Ion:	82	Resp:	570109
Ion	Ratio	Lower	Upper
82	100		
128	44.8	35.1	52.7
54	48.4	40.1	60.1

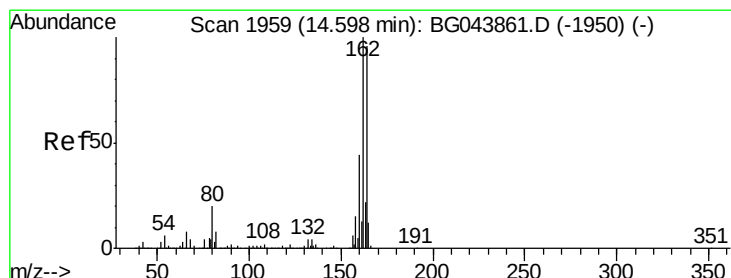
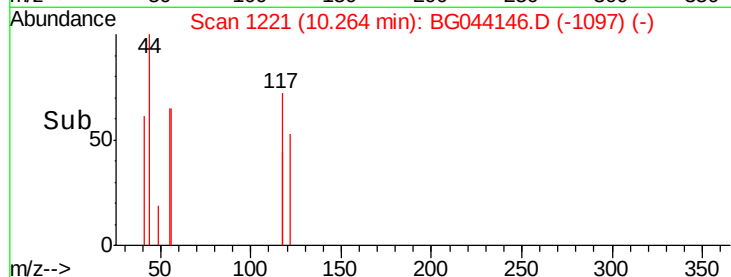
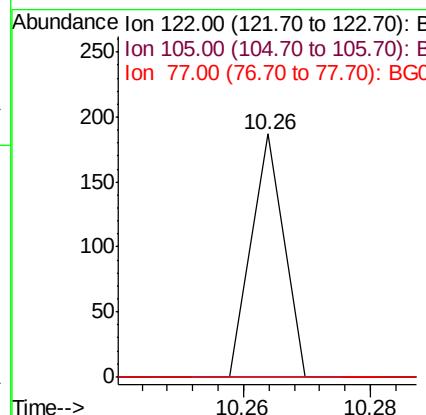
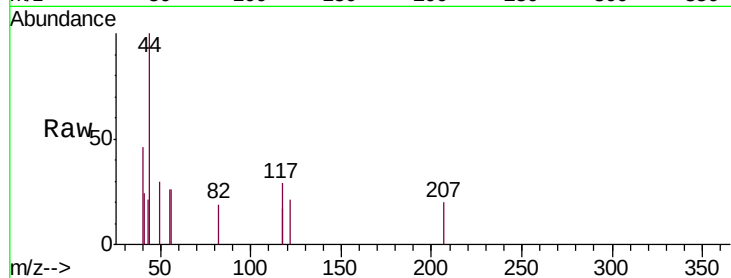




#32
Benzoic acid
Concen: 6.277 ng
RT: 10.26 min Scan# 1221
Delta R.T. 0.20 min
Lab File: BG044146.D
Acq: 21 Jan 2020 23:13

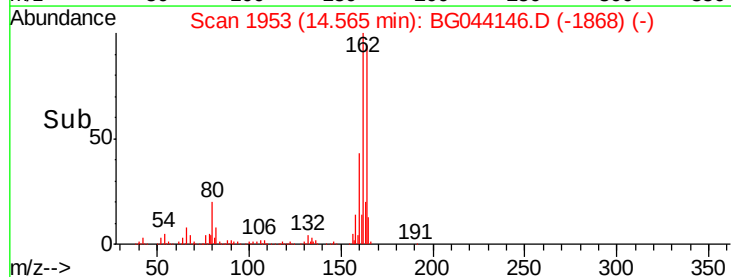
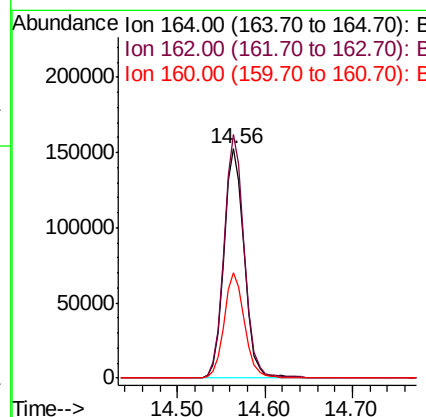
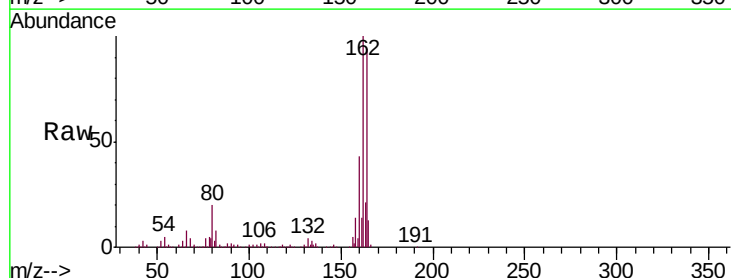
Instrument :
BNA_G
ClientSampleId :
0052-DECANT-H2O-COMP-4

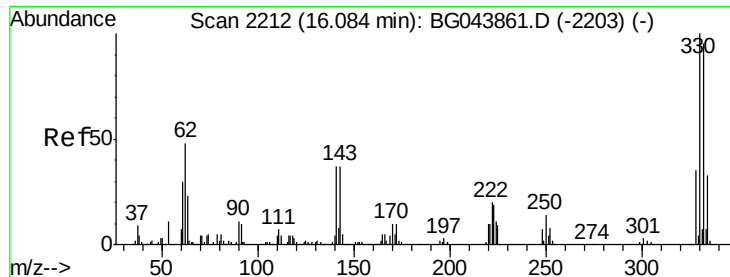
Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	106.4	146.4#
77	0.0	74.6	114.6#



#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	Ratio	Lower	Upper
164	100		
162	106.3	83.0	124.4
160	45.7	36.1	54.1





#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

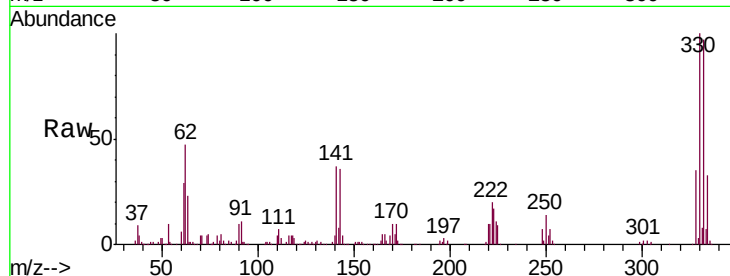
Tgt Ion:330 Resp: 355393

Ion Ratio Lower Upper

330 100

332 97.4 77.2 115.8

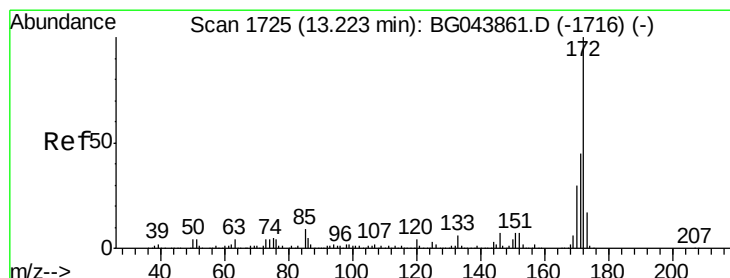
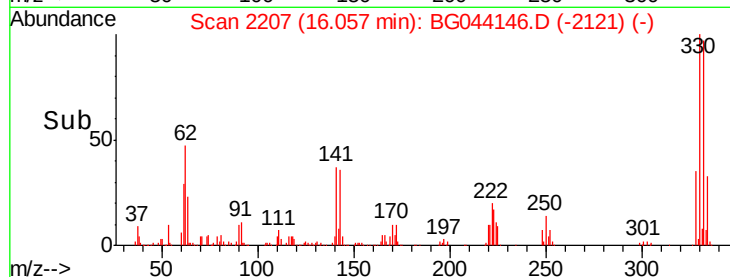
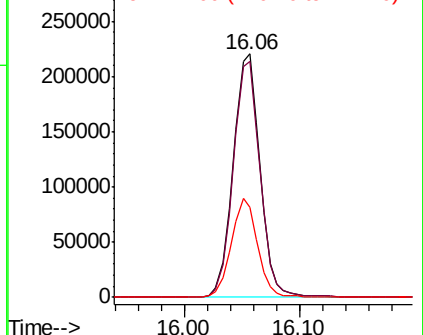
141 39.9 33.1 49.7



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

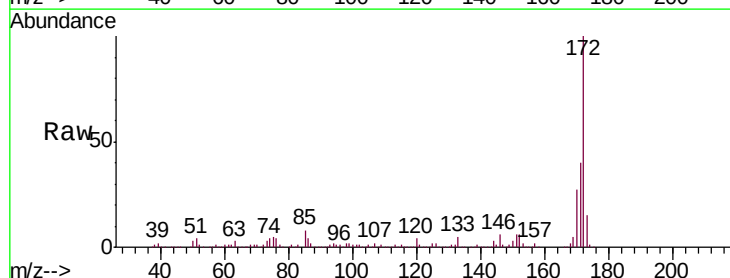
Tgt Ion:172 Resp: 1301961

Ion Ratio Lower Upper

172 100

171 40.0 35.8 53.8

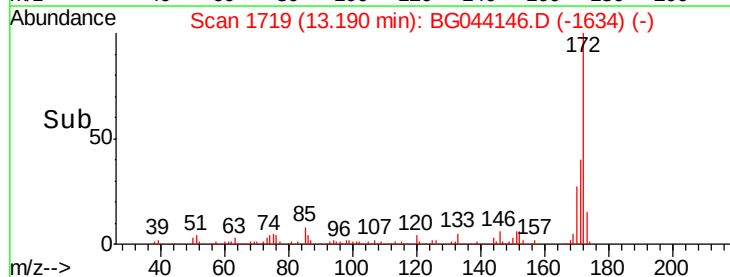
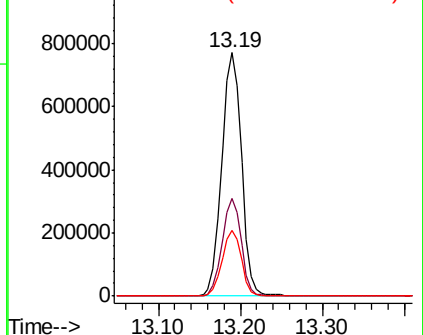
170 27.1 24.2 36.4

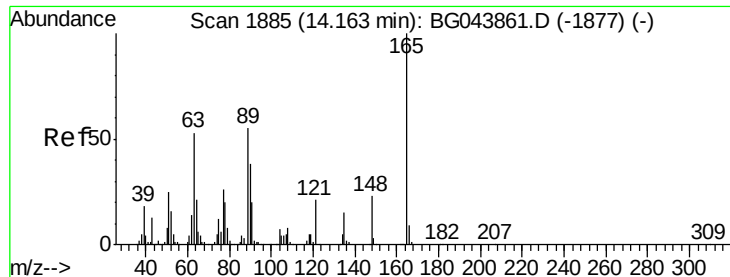


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

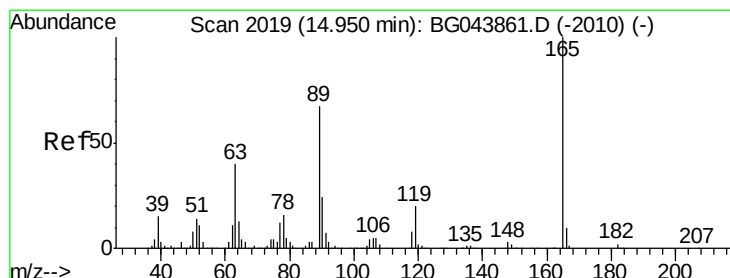
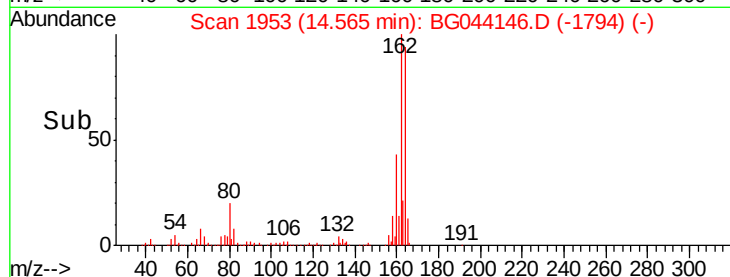
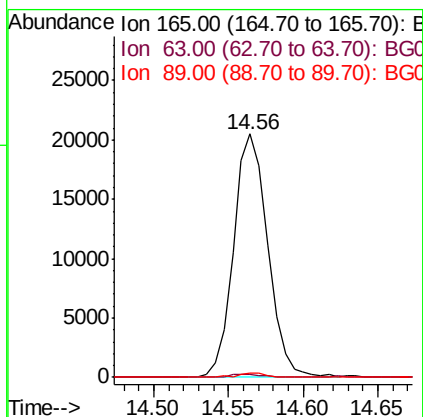
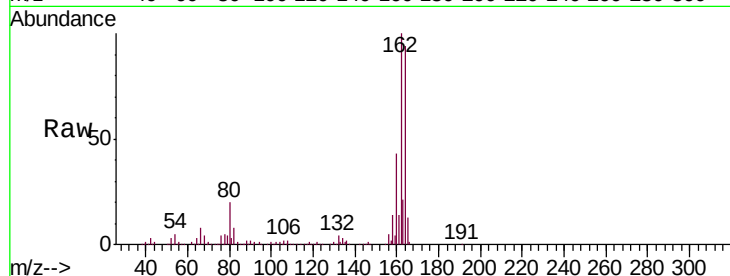




#51
 2,6-Dinitrotoluene
 Concen: 8.290 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. 0.40 min
 Lab File: BG044146.D
 Acq: 21 Jan 2020 23:13

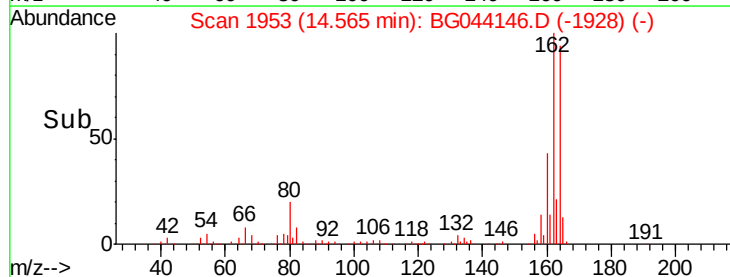
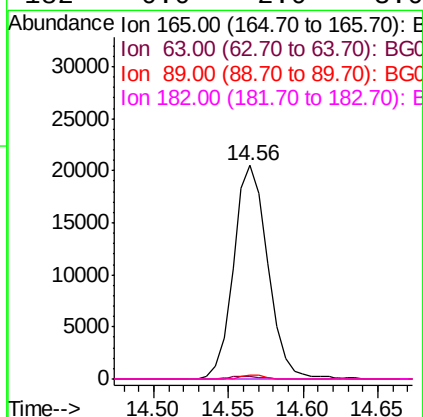
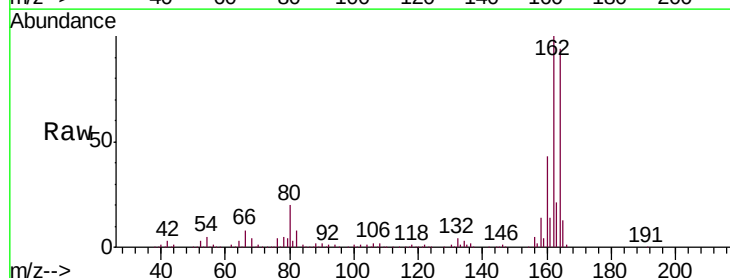
Instrument :
 BNA_G
 ClientSampleId :
 0052-DECANT-H2O-COMP-4

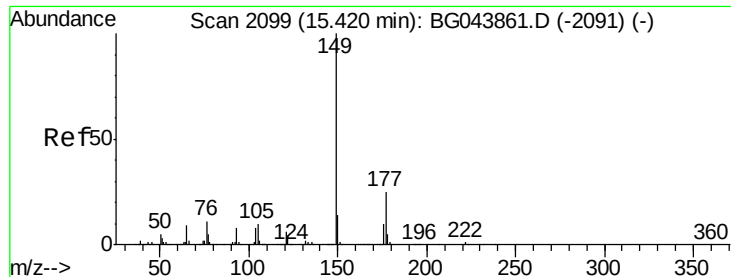
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	43.1	64.7#
89	1.8	43.8	65.6#



#57
 2,4-Dinitrotoluene
 Concen: 6.093 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. -0.39 min
 Lab File: BG044146.D
 Acq: 21 Jan 2020 23:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	31.9	47.9#
89	1.8	53.8	80.6#
182	0.0	2.0	3.0#





#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

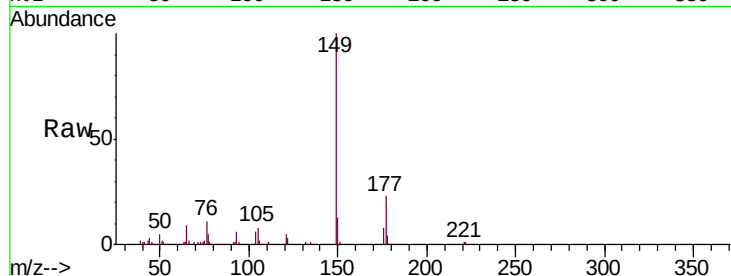
Tgt Ion:149 Resp: 52441

Ion Ratio Lower Upper

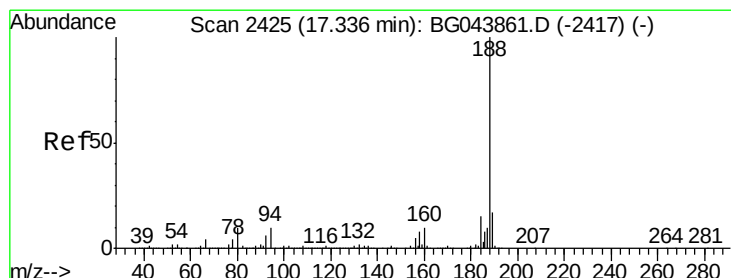
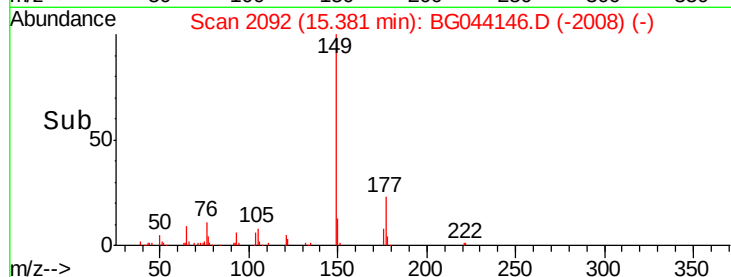
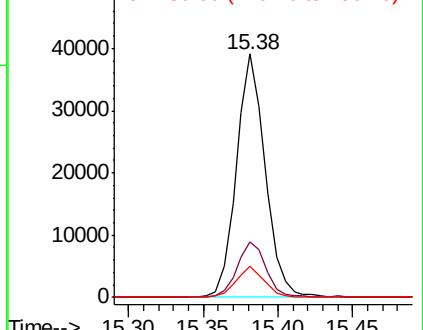
149 100

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

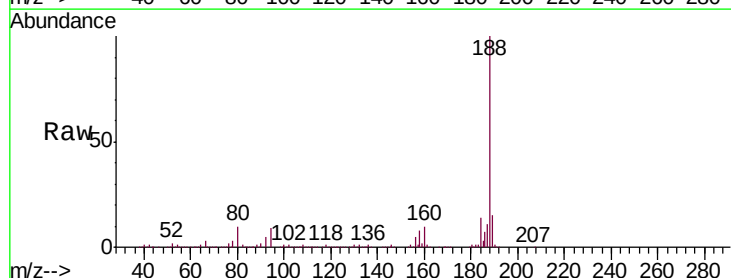
Tgt Ion:188 Resp: 510084

Ion Ratio Lower Upper

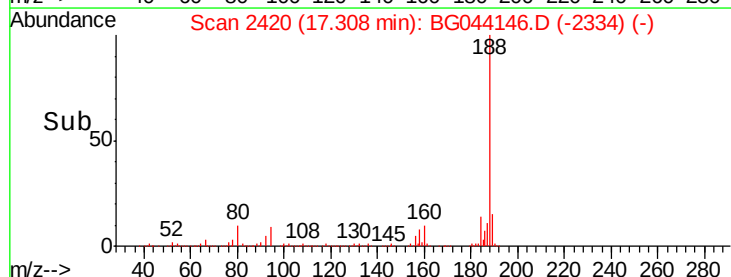
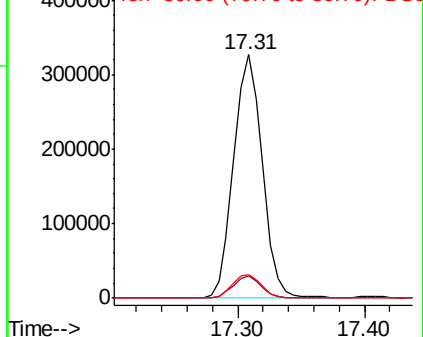
188 100

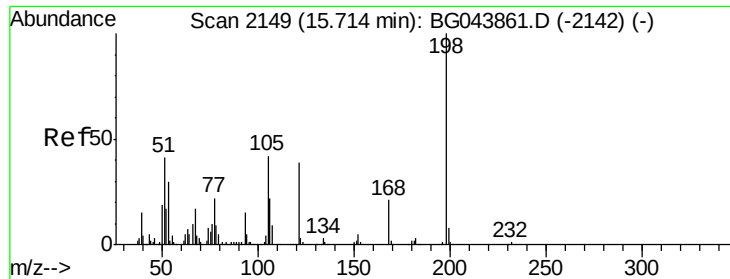
94 9.4 7.9 11.9

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

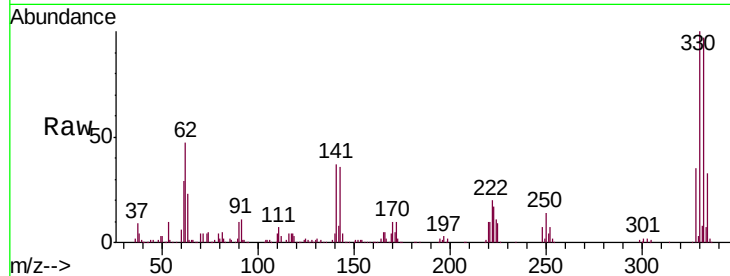




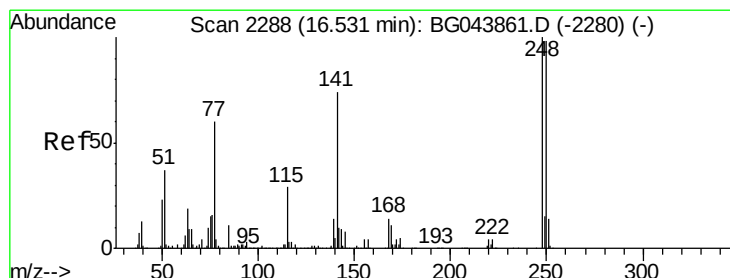
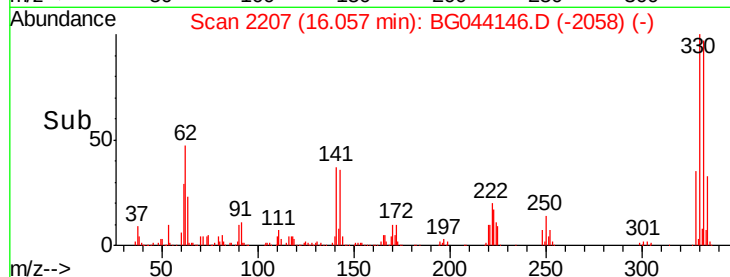
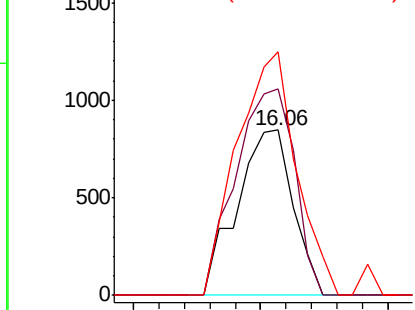
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.842 ng
 RT: 16.06 min Scan# 2207
 Delta R.T. 0.34 min
 Lab File: BG044146.D
 Acq: 21 Jan 2020 23:13

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

Tgt Ion:198 Resp: 1308
 Ion Ratio Lower Upper
 198 100
 51 125.2 22.5 62.5#
 105 147.6 22.3 62.3#

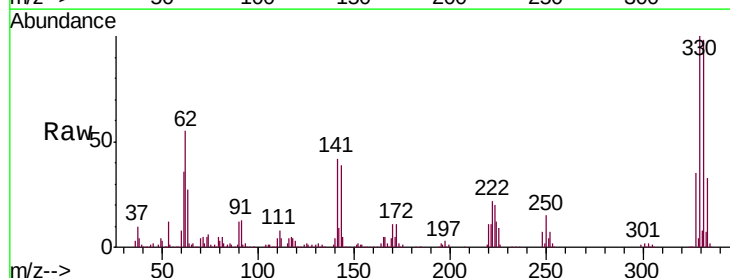


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG043861.D (-2142) (-)
 Ion 105.00 (104.70 to 105.70): E

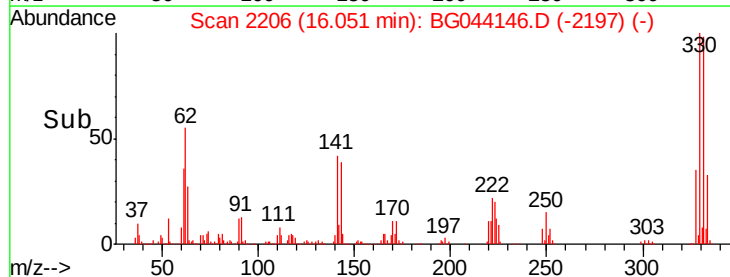
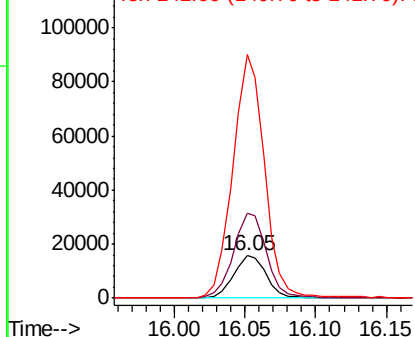


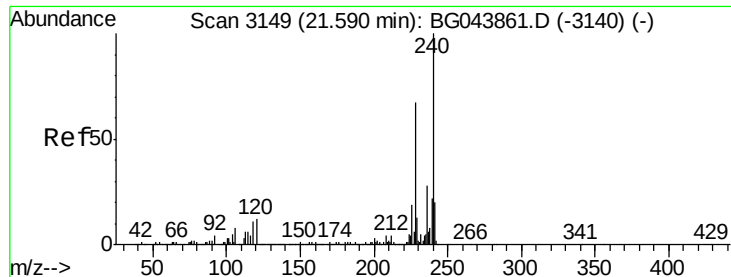
#67
 4-Bromophenyl-phenylether
 Concen: 4.408 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. -0.48 min
 Lab File: BG044146.D
 Acq: 21 Jan 2020 23:13

Tgt Ion:248 Resp: 25289
 Ion Ratio Lower Upper
 248 100
 250 199.0 78.2 117.2#
 141 573.9 59.3 88.9#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#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

Instrument :

BNA_G

ClientSampleId :

0052-DECANT-H2O-COMP-4

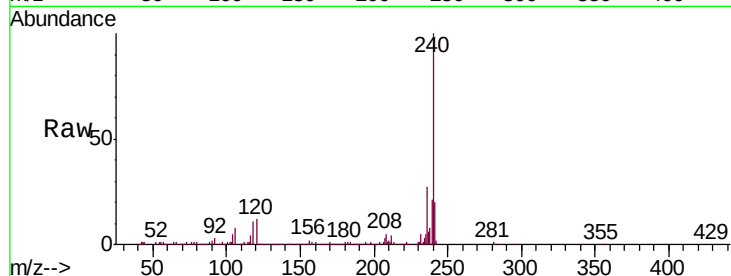
Tgt Ion:240 Resp: 431270

Ion Ratio Lower Upper

240 100

120 11.6 9.6 14.4

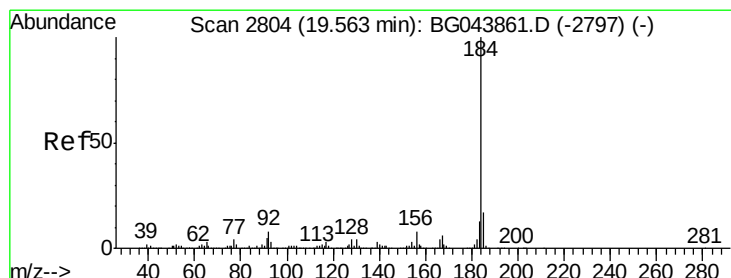
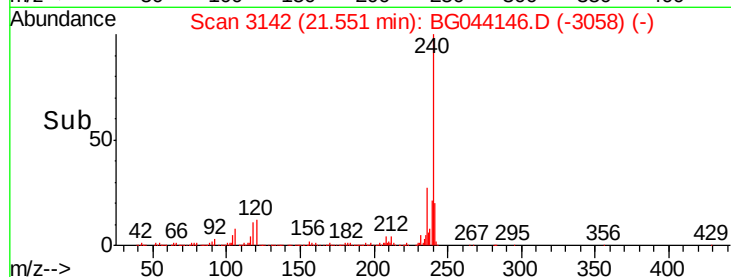
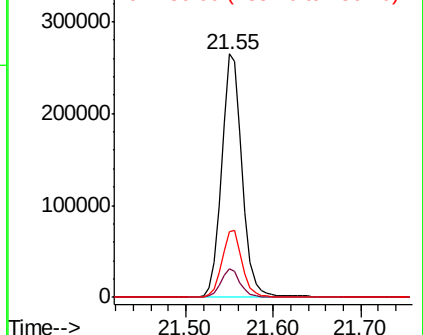
236 27.1 22.2 33.2



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



#77

Benzidine

Concen: 2.609 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.36 min

Lab File: BG044146.D

Acq: 21 Jan 2020 23:13

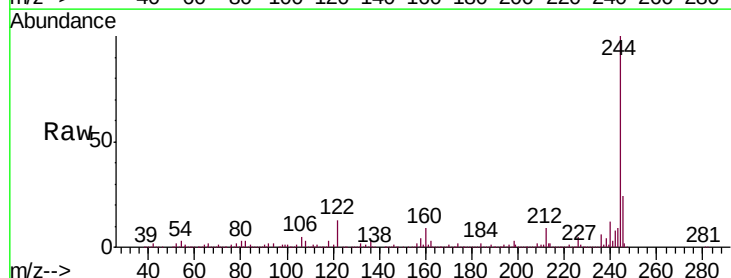
Tgt Ion:184 Resp: 28285

Ion Ratio Lower Upper

184 100

185 18.0 13.4 20.0

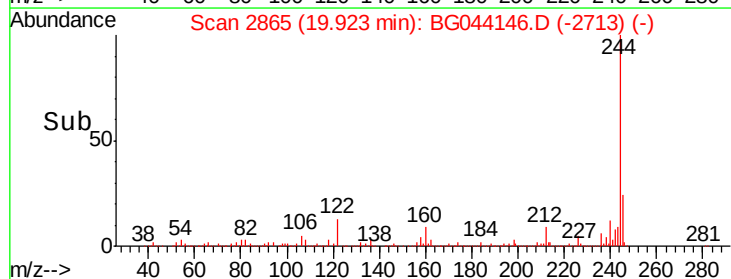
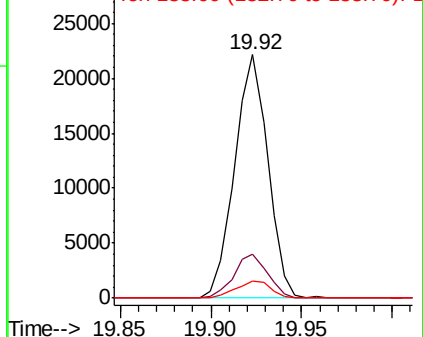
183 7.1 10.6 15.8#

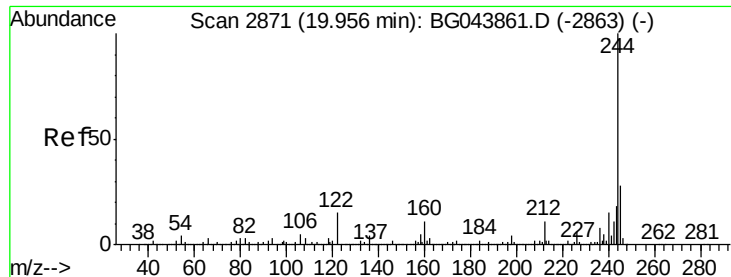


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#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

Instrument :

BNA_G

ClientSampleId :

0052-DECANT-H2O-COMP-4

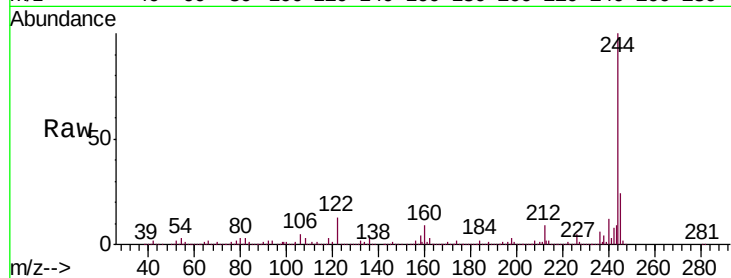
Tgt Ion:244 Resp: 1676874

Ion Ratio Lower Upper

244 100

212 8.9 8.6 13.0

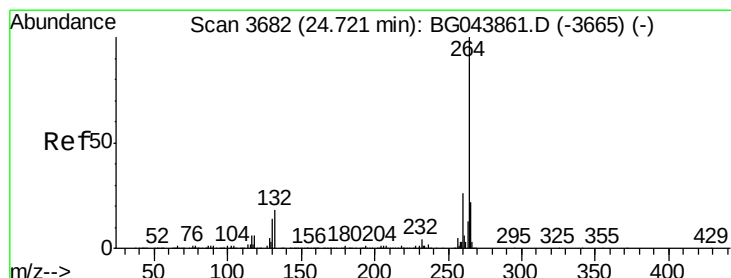
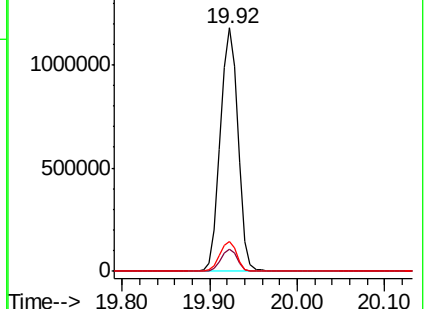
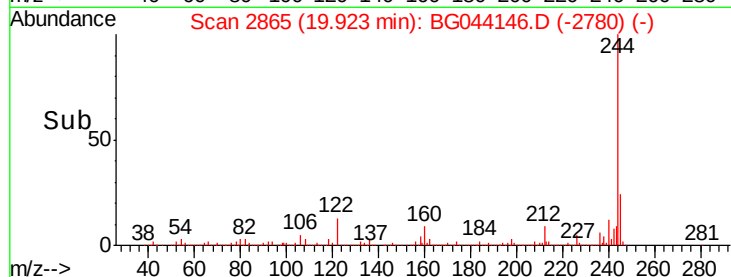
122 12.5 11.9 17.9



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# 3671

Delta R.T. -0.06 min

Lab File: BG044146.D

Acq: 21 Jan 2020 23:13

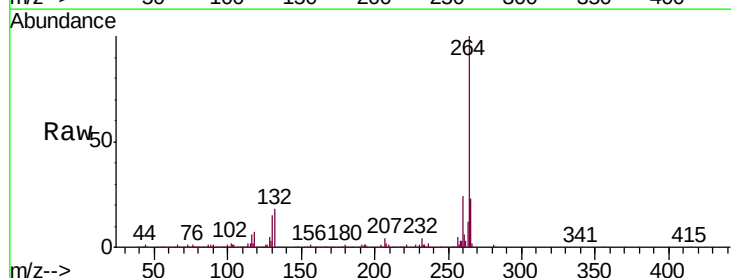
Tgt Ion:264 Resp: 477728

Ion Ratio Lower Upper

264 100

260 24.0 20.4 30.6

265 22.5 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

