

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 06:50:54 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

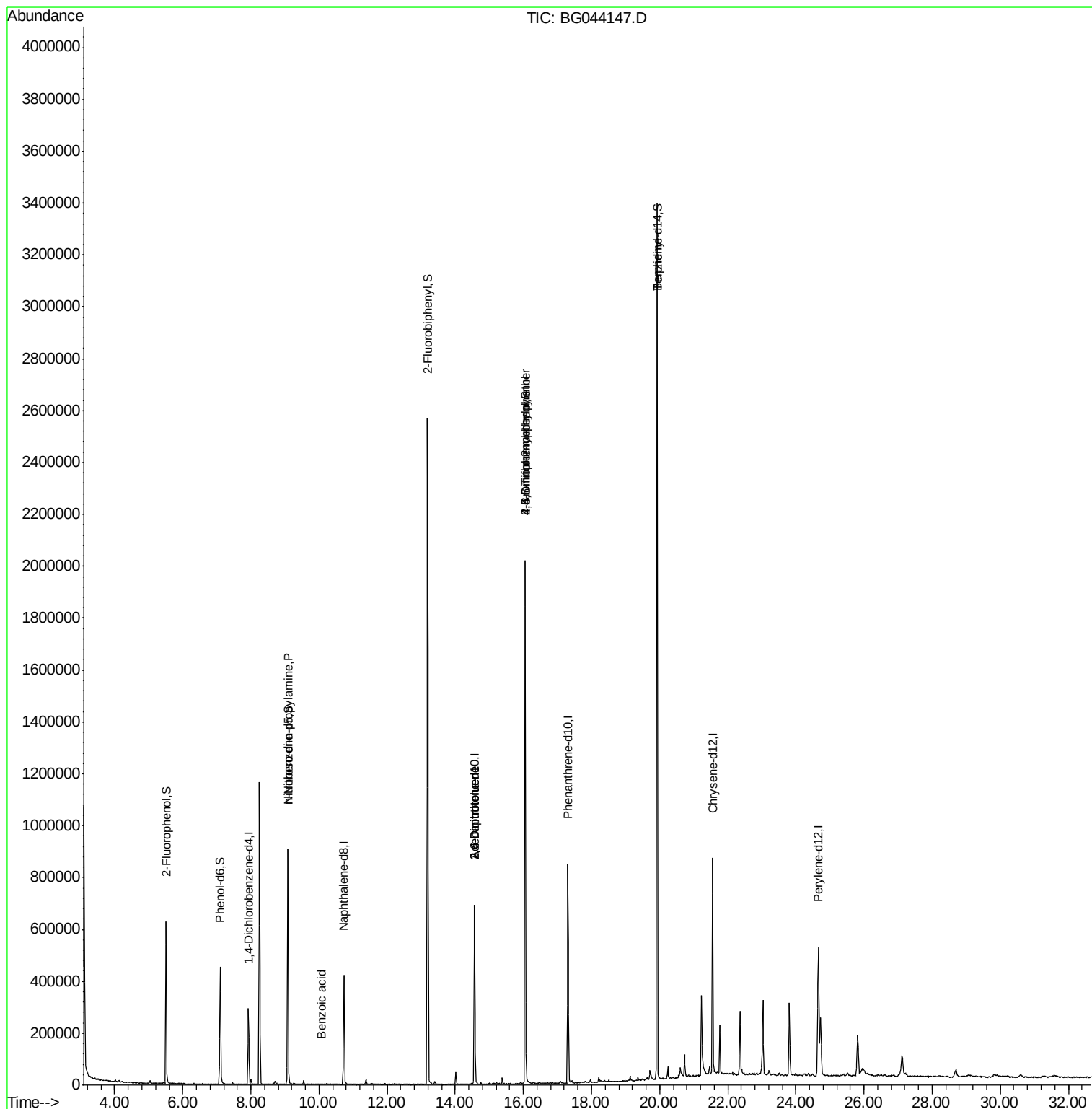
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	86099	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	378917	20.00	ng	-0.04
39) Acenaphthene-d10	14.56	164	255333	20.00	ng	-0.04
64) Phenanthrene-d10	17.31	188	530225	20.00	ng	-0.03
76) Chrysene-d12	21.55	240	457056	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						
19) n-Nitroso-di-n-propylamine	9.09	70	78673	16.117	ng	# 76
32) Benzoic acid	10.08	122	67	6.276	ng	# 1
51) 2,6-Dinitrotoluene	14.56	165	33685	8.220	ng	# 25
57) 2,4-Dinitrotoluene	14.56	165	33683	6.041	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.05	198	1114	4.760	ng	# 1
67) 4-Bromophenyl-phenylether	16.05	248	26339	4.417	ng	# 1
77) Benzidine	19.93	184	27301	2.376	ng	# 91

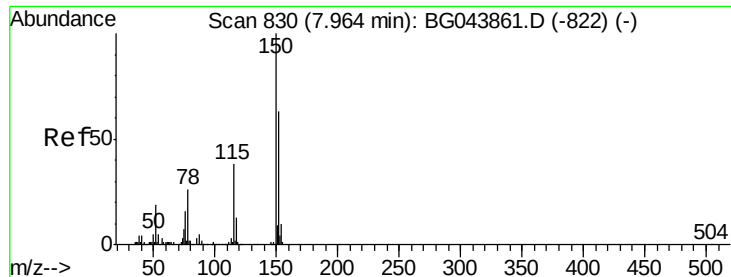
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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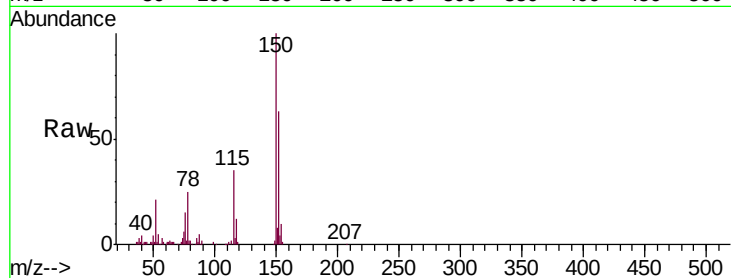


#1

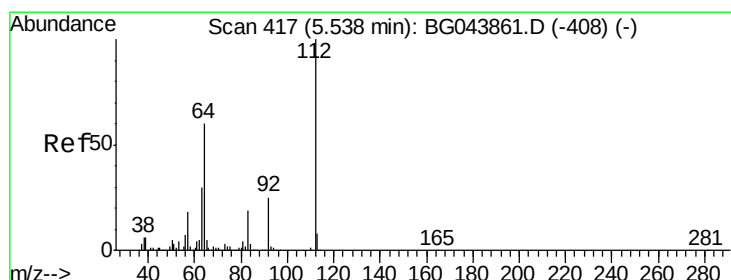
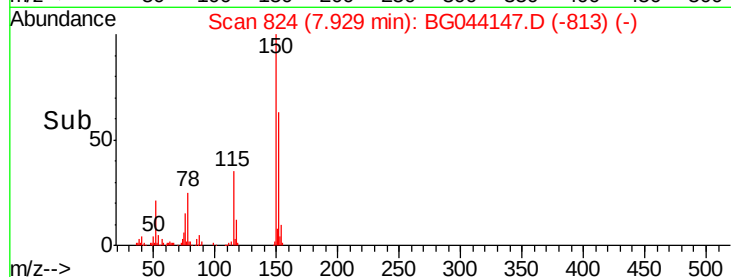
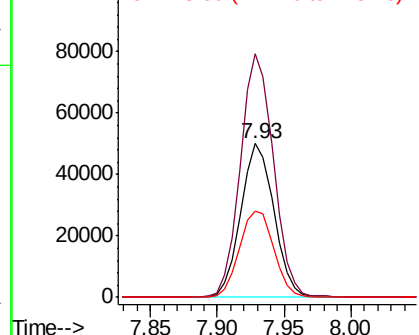
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG044147.D
Acq: 21 Jan 2020 23:52

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

Tgt Ion:152 Resp: 86099
Ion Ratio Lower Upper
152 100
150 158.4 127.0 190.4
115 56.1 47.8 71.8



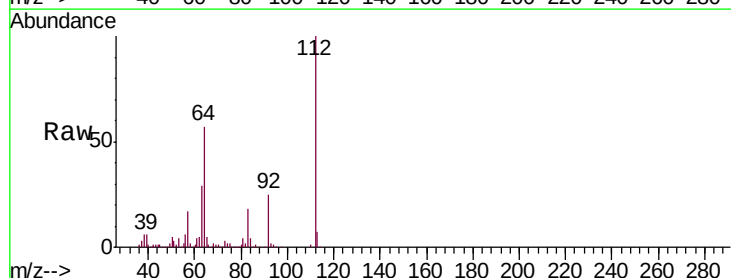
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



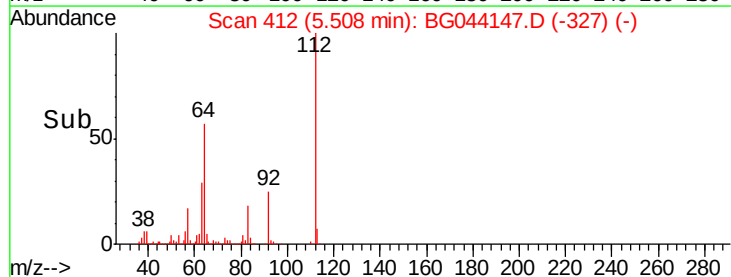
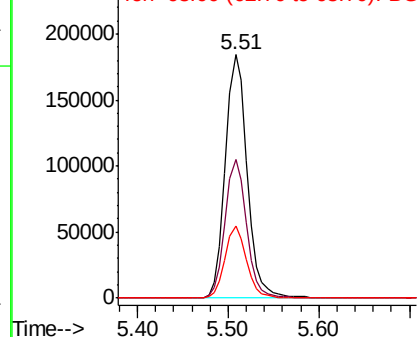
#5

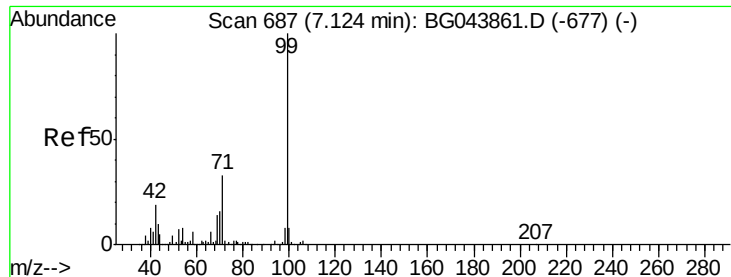
2-Fluorophenol
Concen: 65.655 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044147.D
Acq: 21 Jan 2020 23:52

Tgt Ion:112 Resp: 307870
Ion Ratio Lower Upper
112 100
64 56.9 47.8 71.6
63 29.5 24.3 36.5



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: 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

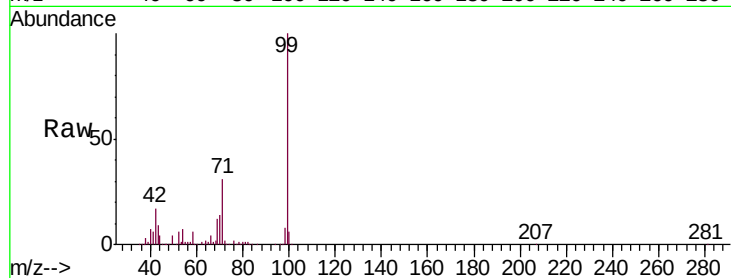
Tgt Ion: 99 Resp: 295126

Ion Ratio Lower Upper

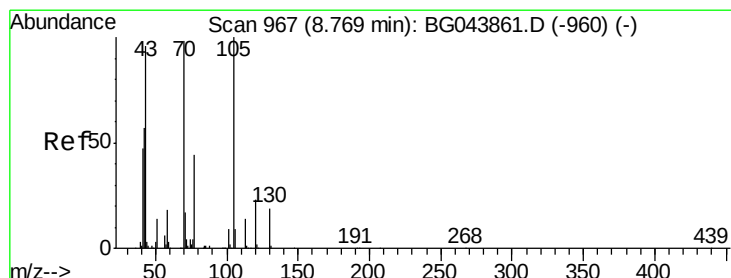
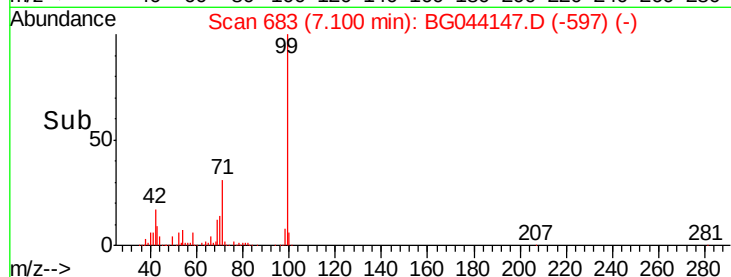
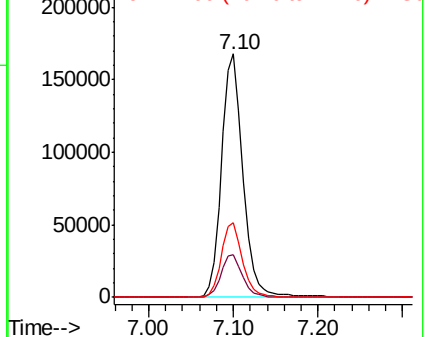
99 100

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



#19

n-Nitroso-di-n-propylamine

Concen: 16.117 ng

RT: 9.09 min Scan# 1021

Delta R.T. 0.32 min

Lab File: BG044147.D

Acq: 21 Jan 2020 23:52

Tgt Ion: 70 Resp: 78673

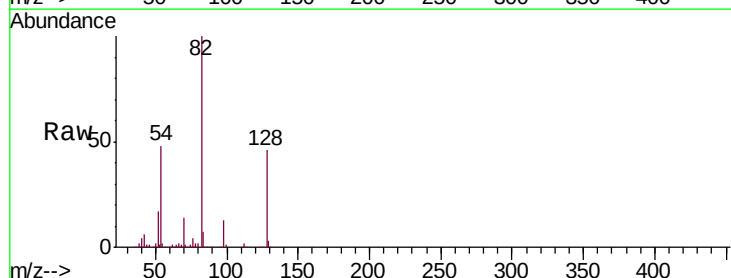
Ion Ratio Lower Upper

70 100

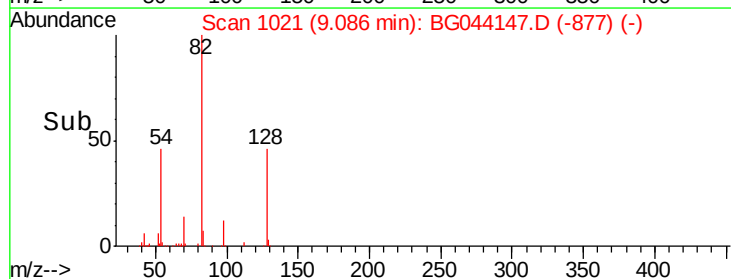
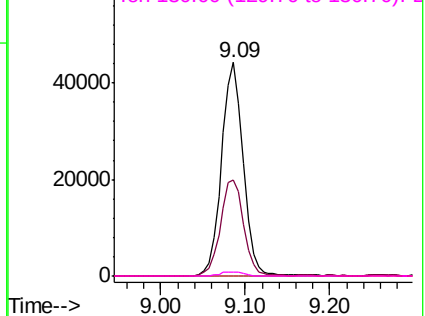
42 45.0 47.0 70.4#

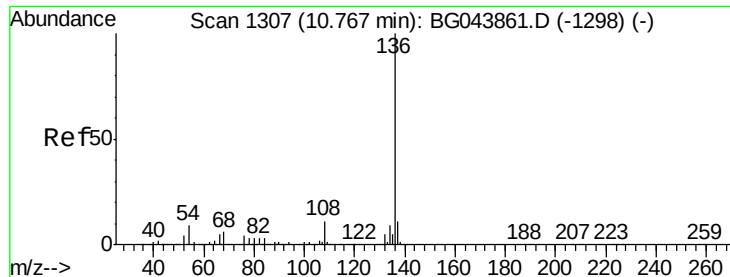
101 0.0 7.2 10.8#

130 1.8 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

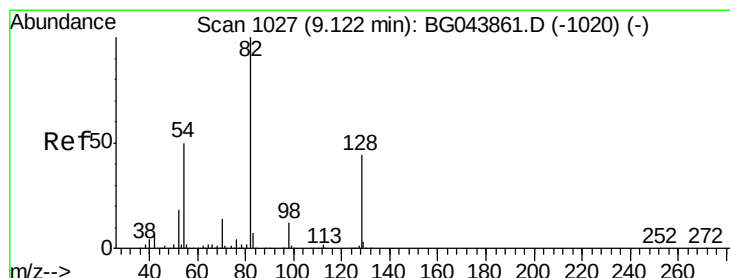
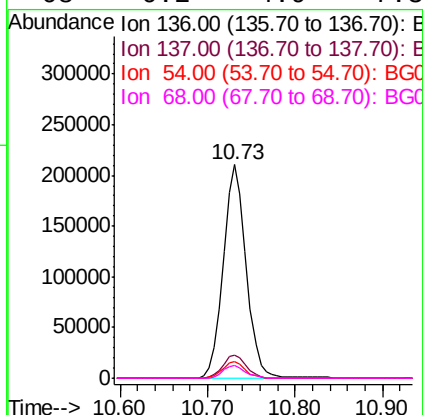
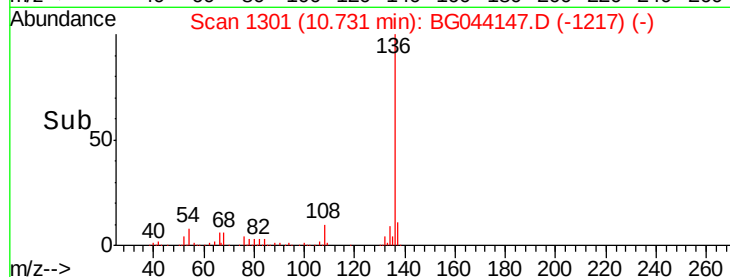
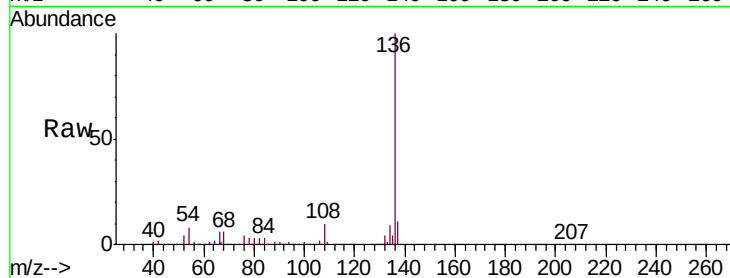




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BG044147.D
Acq: 21 Jan 2020 23:52

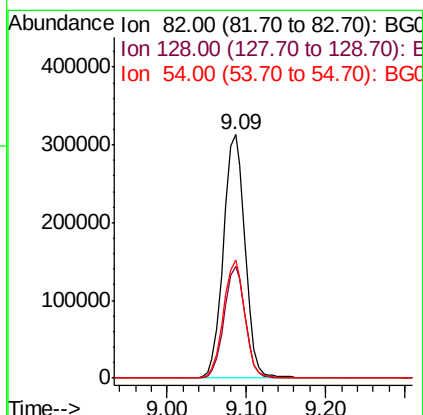
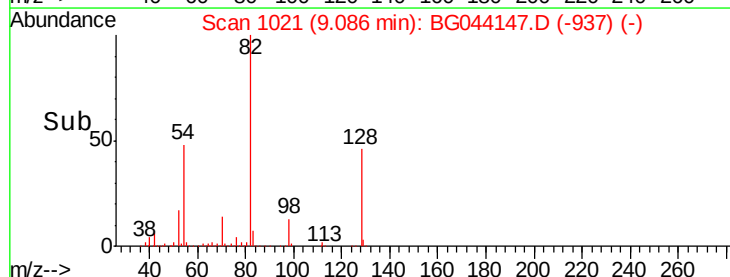
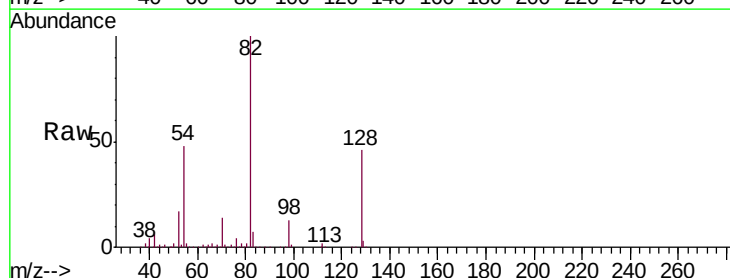
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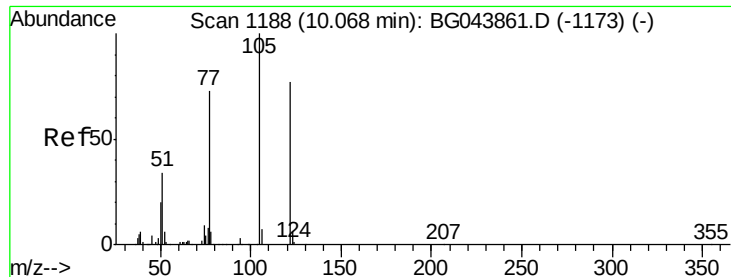
Tgt Ion:	136	Resp:	378917
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.9	7.0	10.4
68	6.2	4.9	7.3



#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

Tgt Ion:	82	Resp:	591539
Ion	Ratio	Lower	Upper
82	100		
128	45.8	35.1	52.7
54	48.4	40.1	60.1

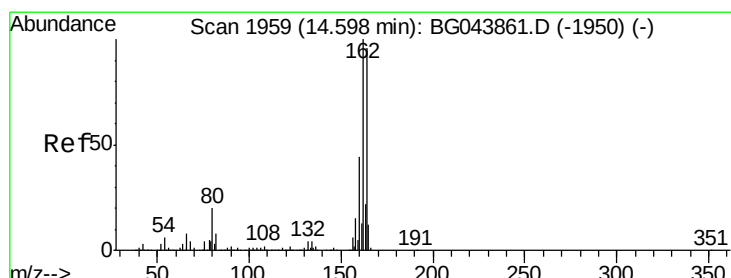
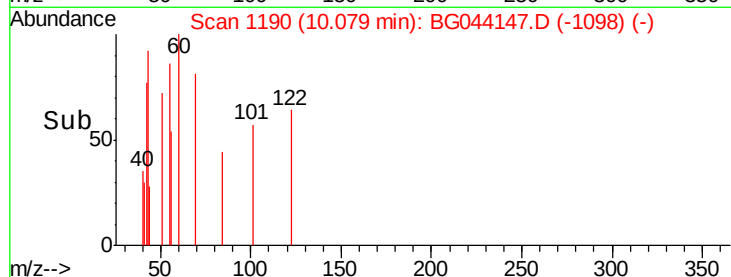
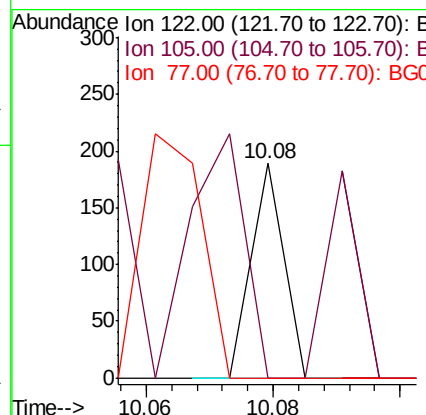
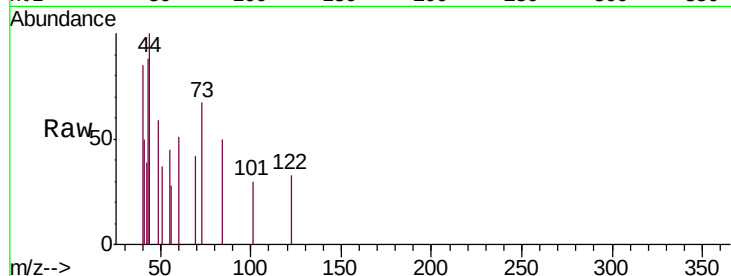




#32
Benzoic acid
Concen: 6.276 ng
RT: 10.08 min Scan# 1190
Delta R.T. 0.01 min
Lab File: BG044147.D
Acq: 21 Jan 2020 23:52

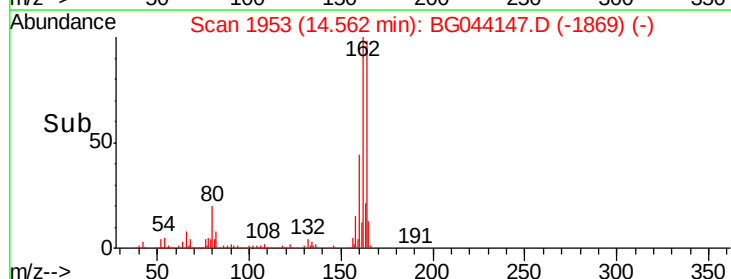
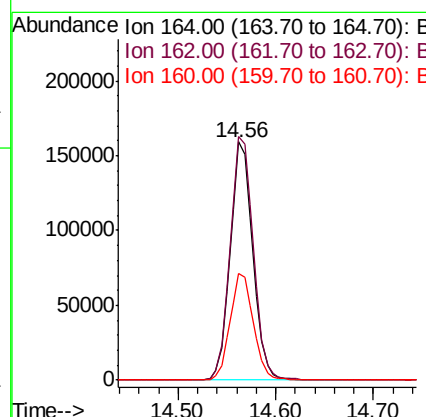
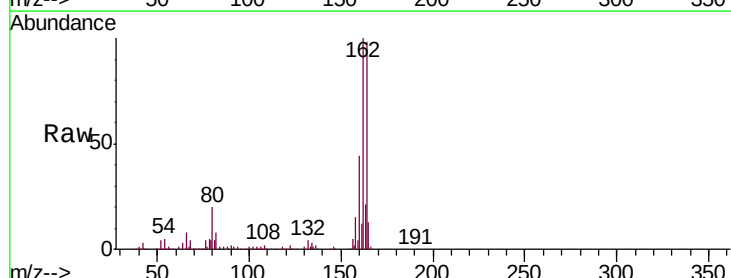
Instrument :
BNA_G
ClientSampleId :
0051-DECANT-H2O-COMP-3

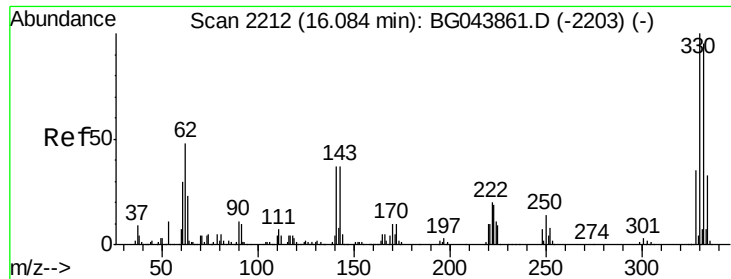
Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	106.4	146.4#
77	0.0	74.6	114.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.04 min
Lab File: BG044147.D
Acq: 21 Jan 2020 23:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	83.0	124.4
160	44.6	36.1	54.1

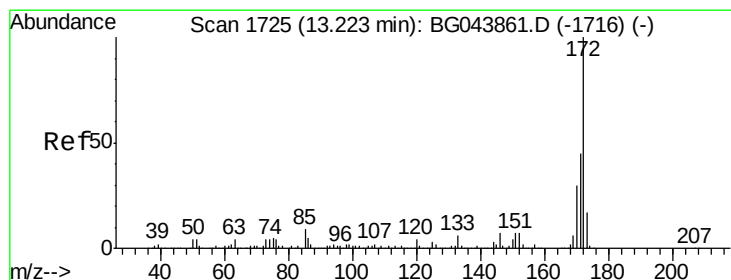
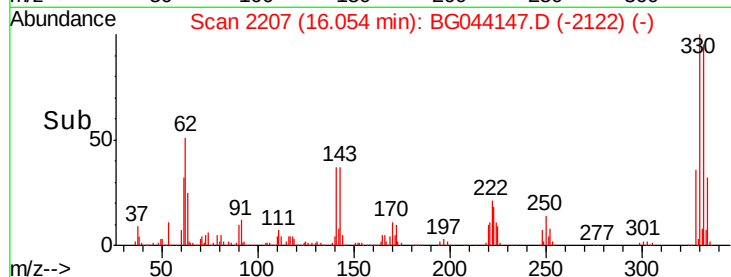
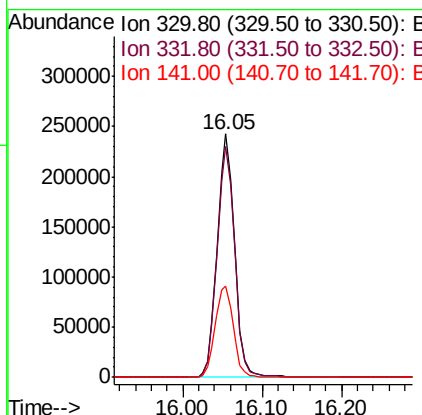
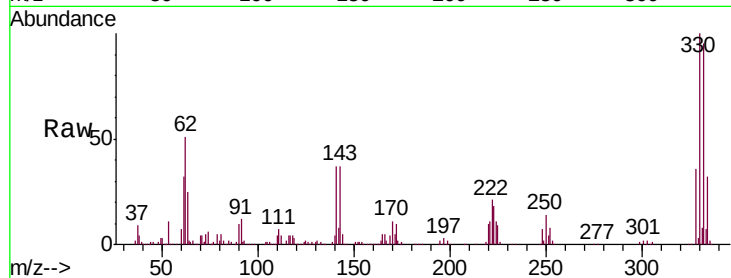




#42
 2,4,6-Tribromophenol
 Concen: 137.926 ng
 RT: 16.05 min Scan# 2207
 Delta R.T. -0.03 min
 Lab File: BG044147.D
 Acq: 21 Jan 2020 23:52

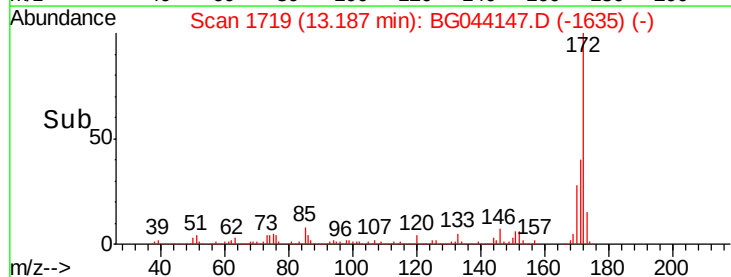
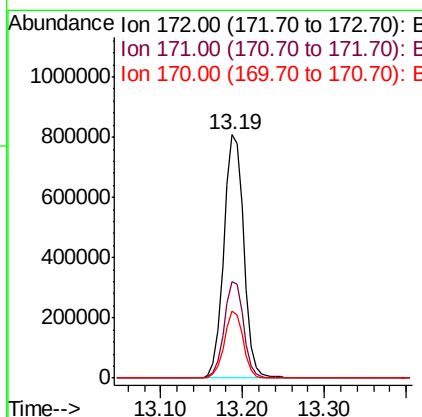
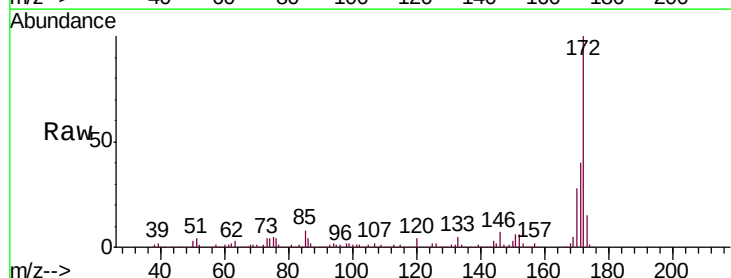
Instrument :
 BNA_G
 ClientSampleId :
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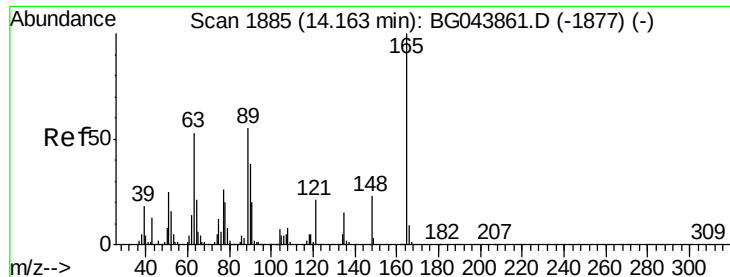
Tgt Ion:330 Resp: 368540
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.2 115.8
 141 39.4 33.1 49.7



#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





#51

2,6-Dinitrotoluene

Concen: 8.220 ng

RT: 14.56 min Scan# 1953

Delta R.T. 0.40 min

Lab File: BG044147.D

Acq: 21 Jan 2020 23:52

Instrument :

BNA_G

ClientSampleId :

0051-DECANT-H2O-COMP-3

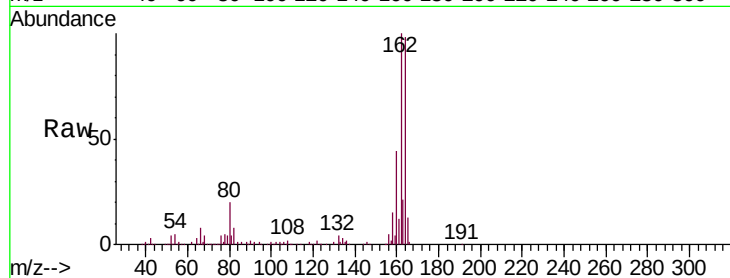
Tgt Ion:165 Resp: 33685

Ion Ratio Lower Upper

165 100

63 0.0 43.1 64.7#

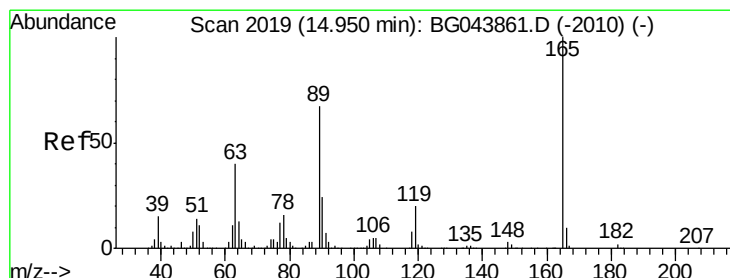
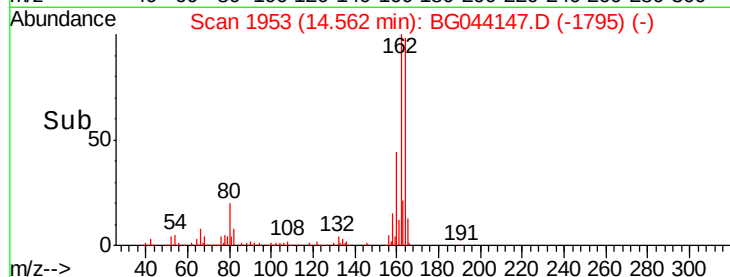
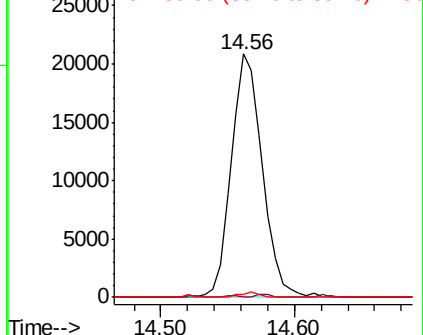
89 1.4 43.8 65.6#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#57

2,4-Dinitrotoluene

Concen: 6.041 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.39 min

Lab File: BG044147.D

Acq: 21 Jan 2020 23:52

Tgt Ion:165 Resp: 33683

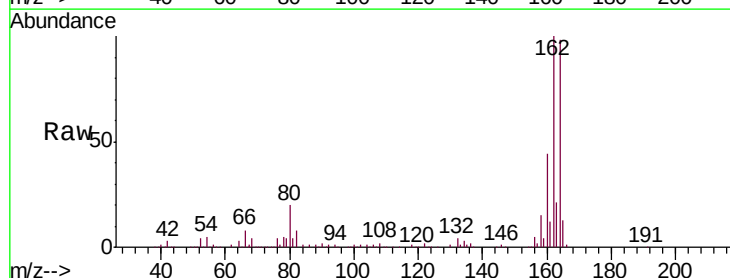
Ion Ratio Lower Upper

165 100

63 0.0 31.9 47.9#

89 1.4 53.8 80.6#

182 0.0 2.0 3.0#

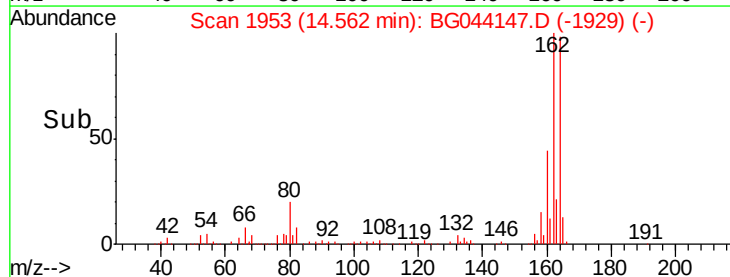
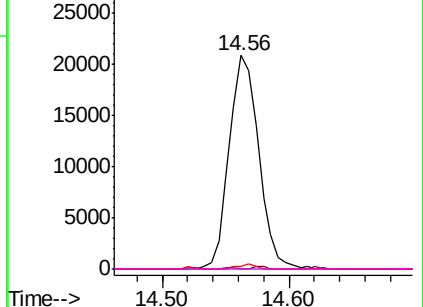


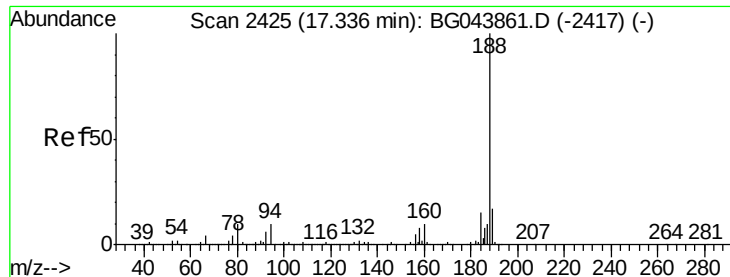
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#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

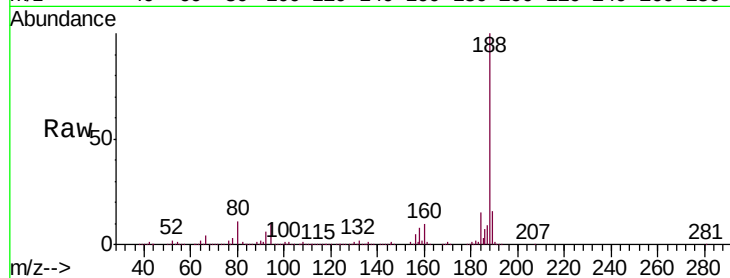
Tgt Ion:188 Resp: 530225

Ion Ratio Lower Upper

188 100

94 9.8 7.9 11.9

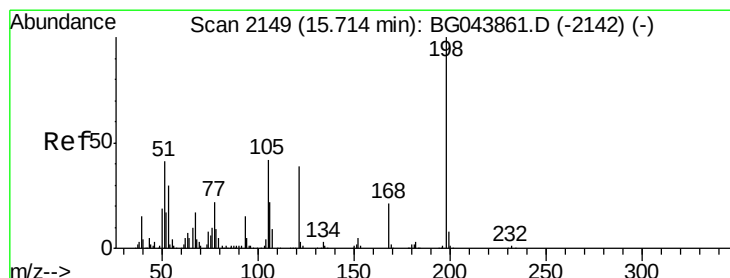
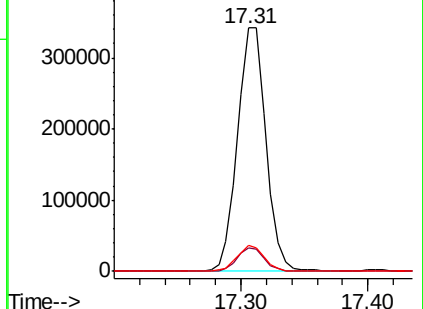
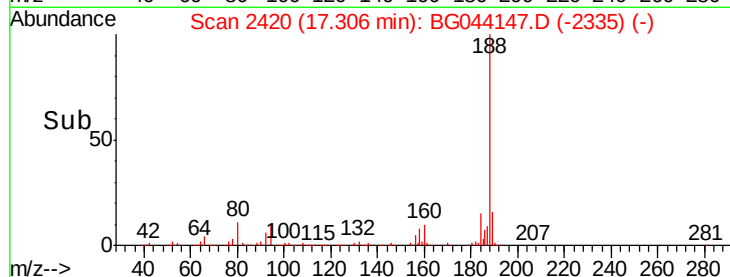
80 10.7 8.2 12.4



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



#65

4,6-Dinitro-2-methylphenol

Concen: 4.760 ng

RT: 16.05 min Scan# 2207

Delta R.T. 0.34 min

Lab File: BG044147.D

Acq: 21 Jan 2020 23:52

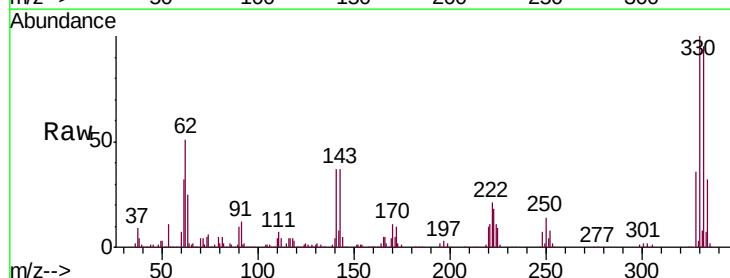
Tgt Ion:198 Resp: 1114

Ion Ratio Lower Upper

198 100

51 136.0 22.5 62.5#

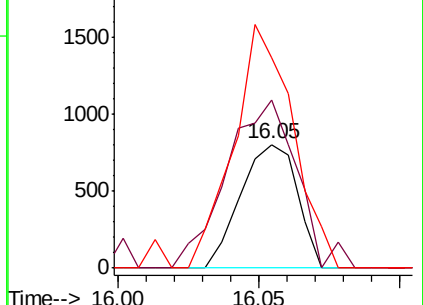
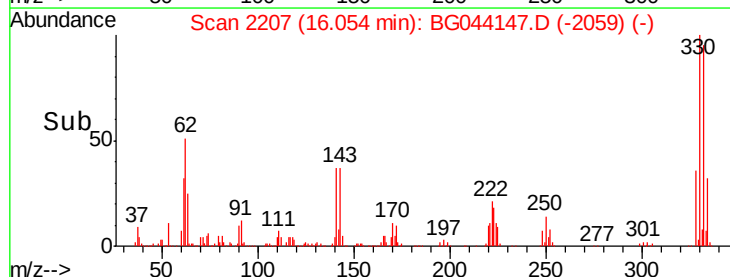
105 169.6 22.3 62.3#

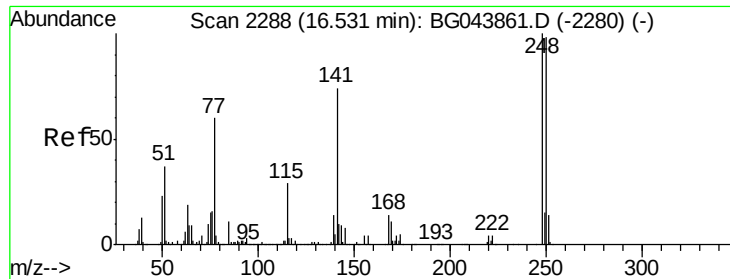


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

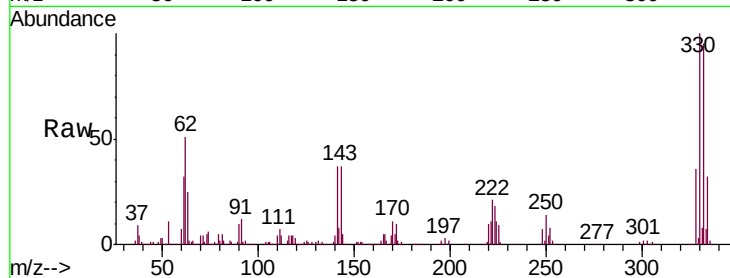




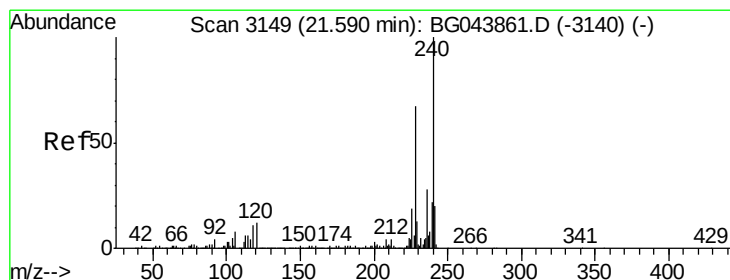
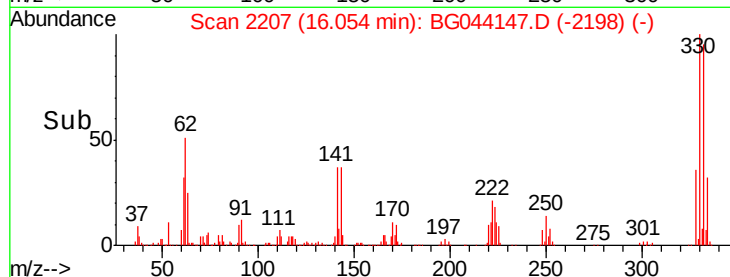
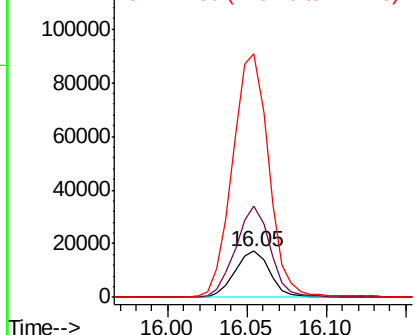
#67
4-Bromophenyl-phenylether
Concen: 4.417 ng
RT: 16.05 min Scan# 2207
Delta R.T. -0.48 min
Lab File: BG044147.D
Acq: 21 Jan 2020 23:52

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

Tgt Ion:248 Resp: 26339
Ion Ratio Lower Upper
248 100
250 198.7 78.2 117.2#
141 526.6 59.3 88.9#

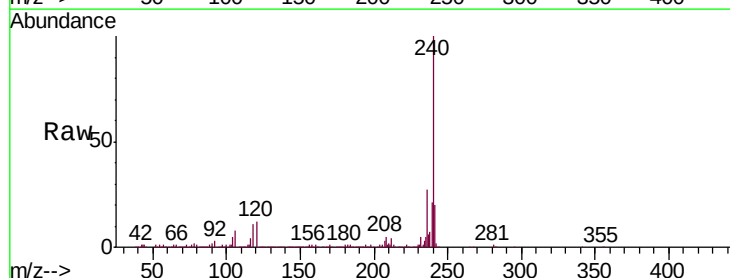


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

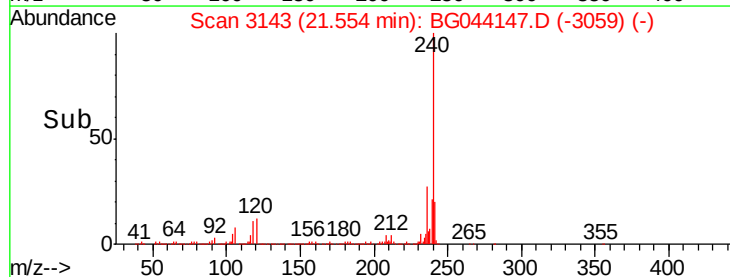
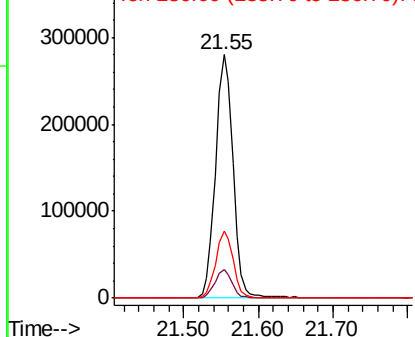


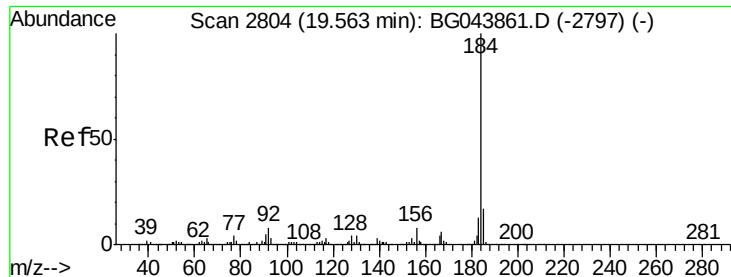
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3143
Delta R.T. -0.04 min
Lab File: BG044147.D
Acq: 21 Jan 2020 23:52

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





#77

Benzidine

Concen: 2.376 ng

RT: 19.93 min Scan# 2866

Delta R.T. 0.36 min

Lab File: BG044147.D

Acq: 21 Jan 2020 23:52

Instrument :

BNA_G

ClientSampleId :

0051-DECANT-H2O-COMP-3

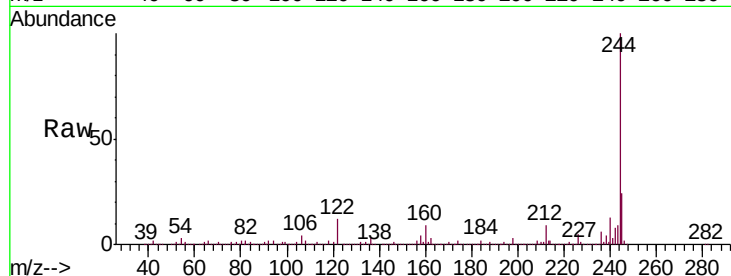
Tgt Ion:184 Resp: 27301

Ion Ratio Lower Upper

184 100

185 15.8 13.4 20.0

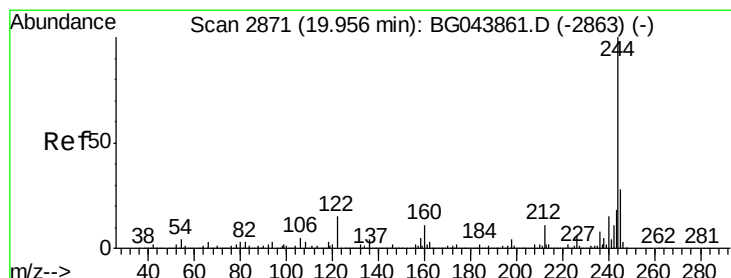
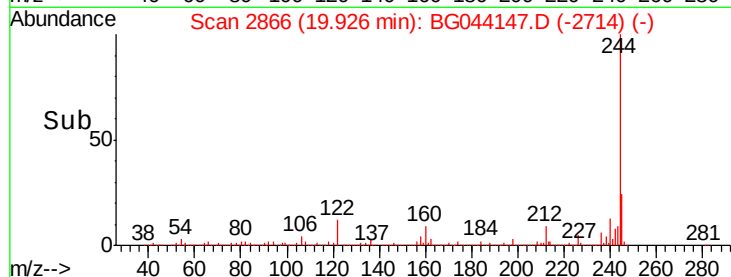
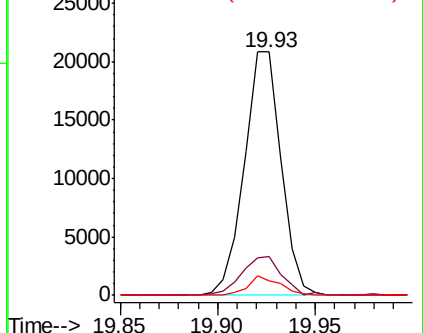
183 6.2 10.6 15.8#



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: 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

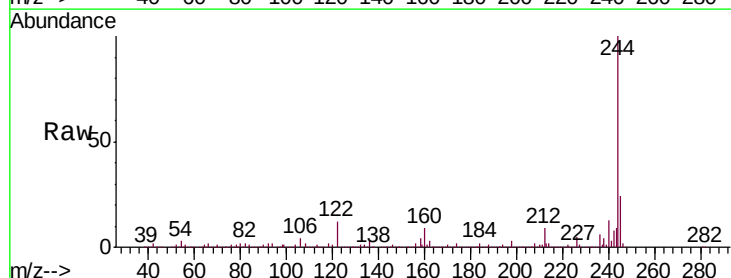
Tgt Ion:244 Resp: 1587487

Ion Ratio Lower Upper

244 100

212 8.9 8.6 13.0

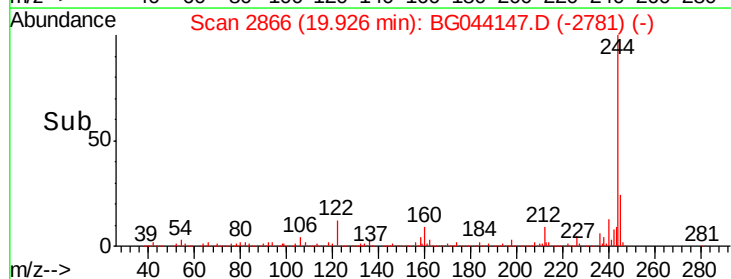
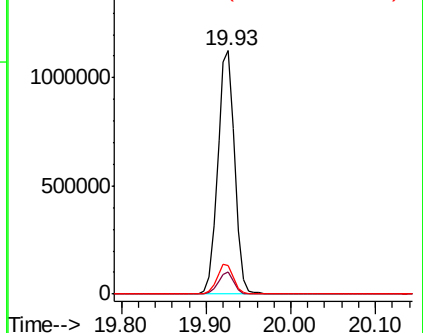
122 12.0 11.9 17.9

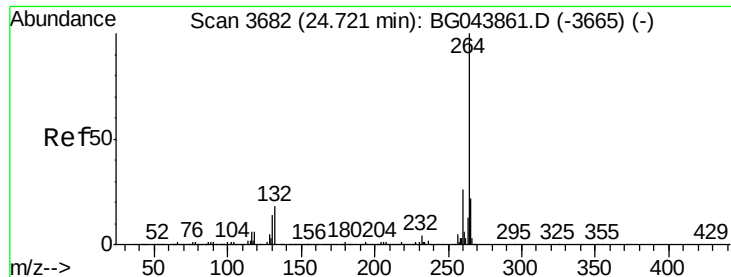


Abundance Ion 244.00 (243.70 to 244.70): E

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

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.4	30.6
265	22.1	17.4	26.2

