

Data File : BG044202.D
Acq On : 25 Jan 2020 5:05
Operator : CG/JU
Sample : L1242-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20200060-COMP-B6

Quant Time: Jan 27 00:51:40 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

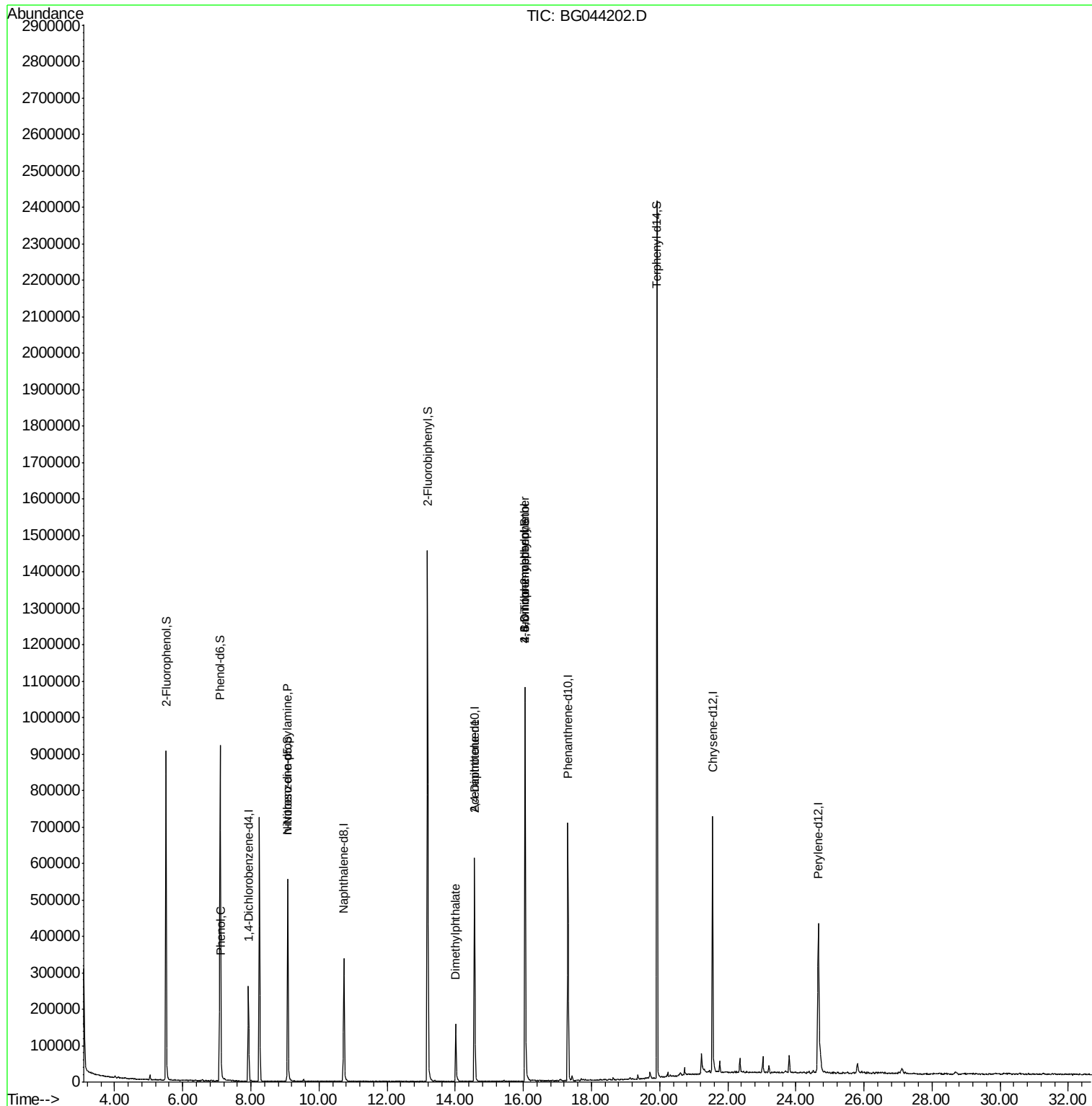
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	74833	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	334399	20.00	ng	-0.04
39) Acenaphthene-d10	14.56	164	229369	20.00	ng	-0.04
64) Phenanthrene-d10	17.31	188	459166	20.00	ng	-0.03
76) Chrysene-d12	21.55	240	395445	20.00	ng	-0.04
87) Perylene-d12	24.66	264	440262	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	439983	107.96	ng	-0.03
7) Phenol-d6	7.09	99	605608	106.30	ng	-0.03
23) Nitrobenzene-d5	9.08	82	369233	59.07	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	217685	90.69	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	843678	66.64	ng	-0.04
79) Terphenyl-d14	19.92	244	1103365	62.26	ng	-0.03
Target Compounds						
10) Phenol	7.12	94	27034	4.606	ng	93
19) n-Nitroso-di-n-propylamine	9.09	70	47175	11.119	ng	# 75
50) Dimethylphthalate	14.02	163	133466	8.195	ng	# 96
57) 2,4-Dinitrotoluene	14.56	165	30224	6.034	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.05	198	651	4.640	ng	# 1
67) 4-Bromophenyl-phenylether	16.05	248	15533	3.008	ng	# 1

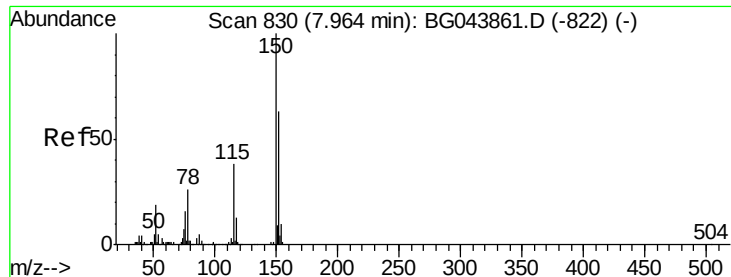
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BG044202.D
Acq On : 25 Jan 2020 5:05
Operator : CG/JU
Sample : L1242-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20200060-COMP-B6

Quant Time: Jan 27 00:51:40 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



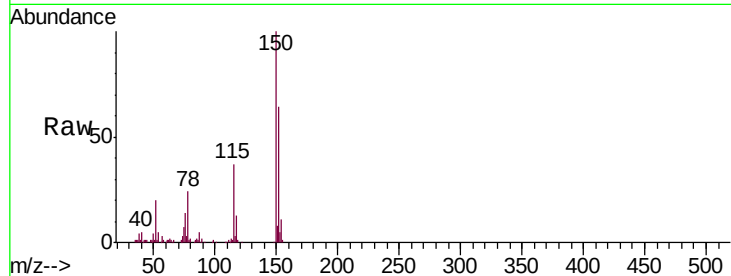


#1

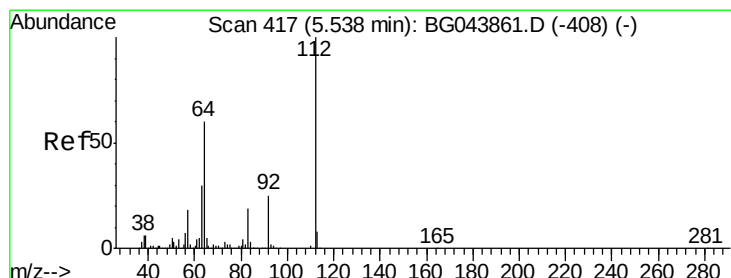
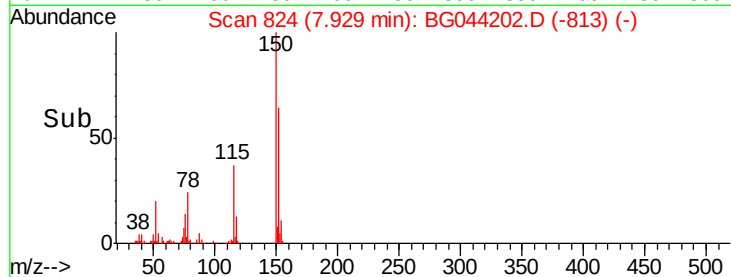
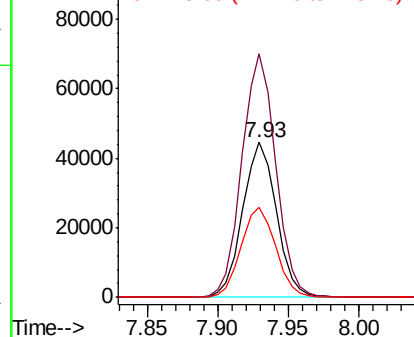
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG044202.D
Acq: 25 Jan 2020 5:05

Instrument :
BNA_G
ClientSampleId :
20200060-COMP-B6

Tgt Ion:152 Resp: 74833
Ion Ratio Lower Upper
152 100
150 157.0 127.0 190.4
115 57.9 47.8 71.8



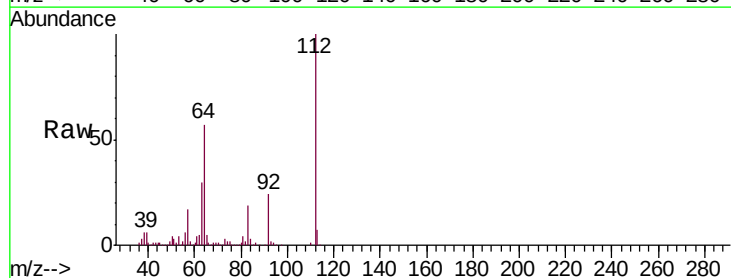
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



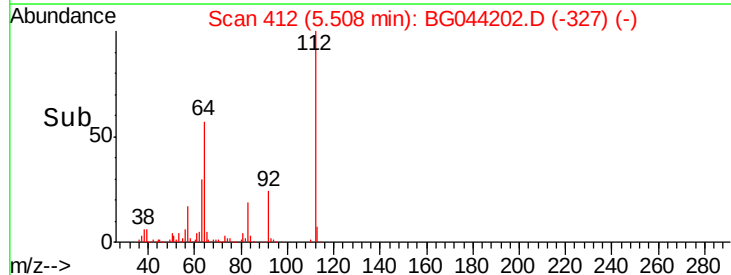
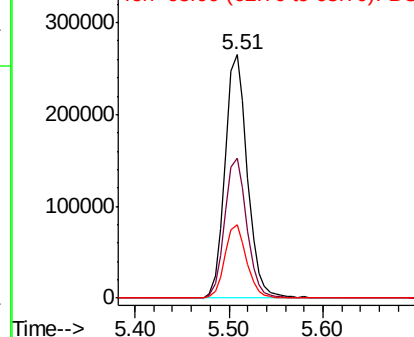
#5

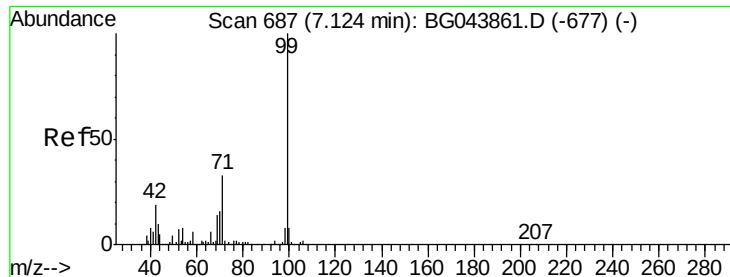
2-Fluorophenol
Concen: 107.955 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044202.D
Acq: 25 Jan 2020 5:05

Tgt Ion:112 Resp: 439983
Ion Ratio Lower Upper
112 100
64 57.4 47.8 71.6
63 30.1 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: 106.304 ng

RT: 7.09 min Scan# 682

Delta R.T. -0.03 min

Lab File: BG044202.D

Acq: 25 Jan 2020 5:05

Instrument :

BNA_G

ClientSampleId :

20200060-COMP-B6

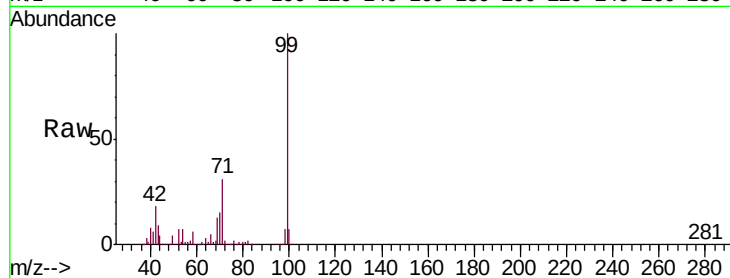
Tgt Ion: 99 Resp: 605608

Ion Ratio Lower Upper

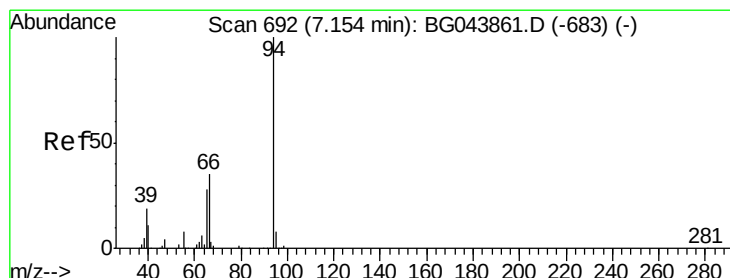
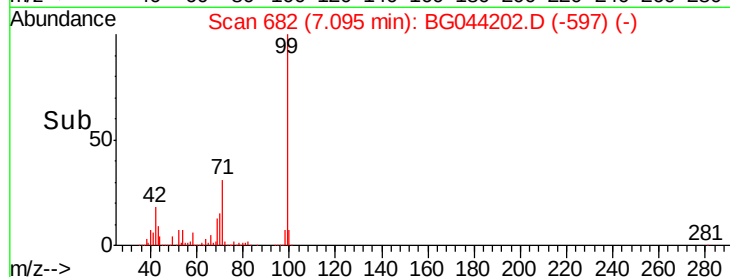
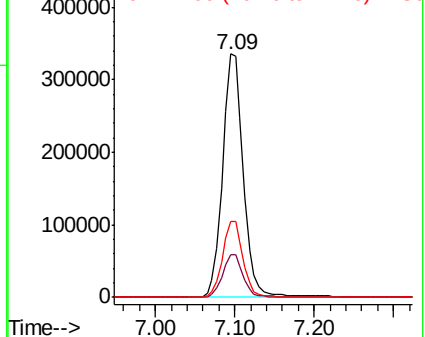
99 100

42 17.6 14.9 22.3

71 31.4 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



#10

Phenol

Concen: 4.606 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.03 min

Lab File: BG044202.D

Acq: 25 Jan 2020 5:05

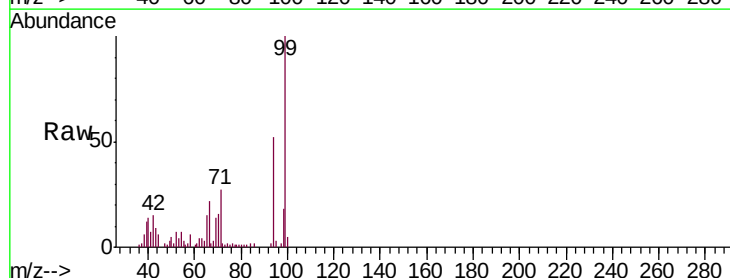
Tgt Ion: 94 Resp: 27034

Ion Ratio Lower Upper

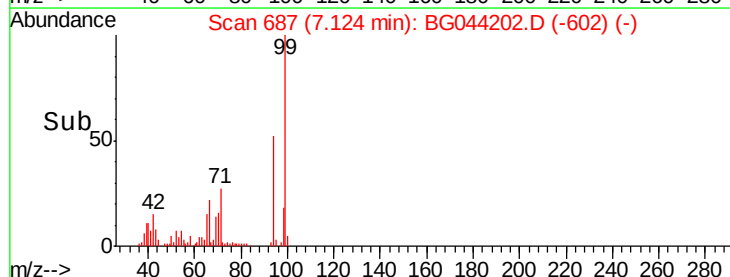
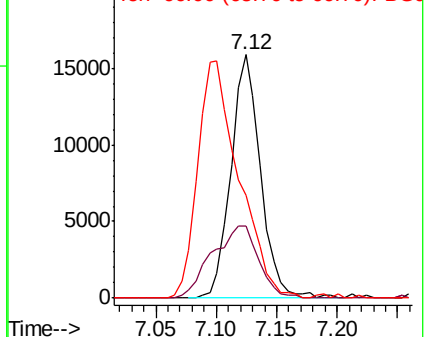
94 100

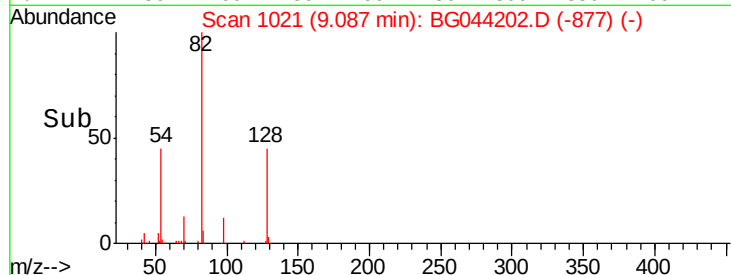
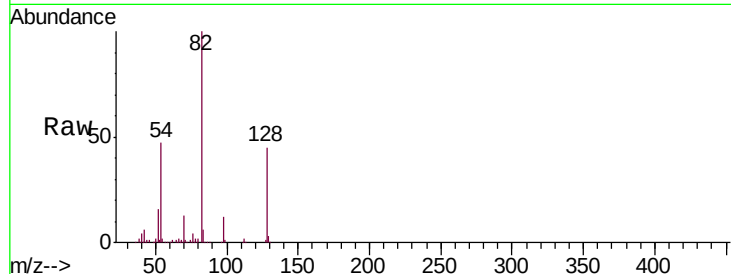
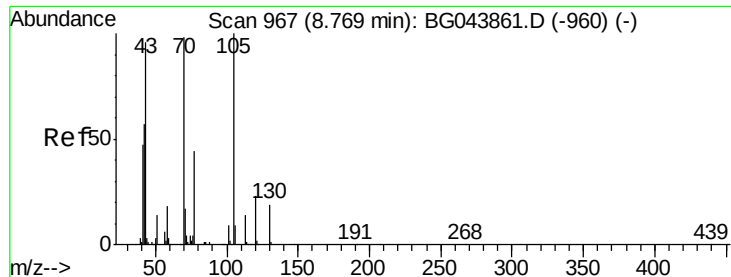
65 29.6 8.1 48.1

66 42.0 15.6 55.6



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

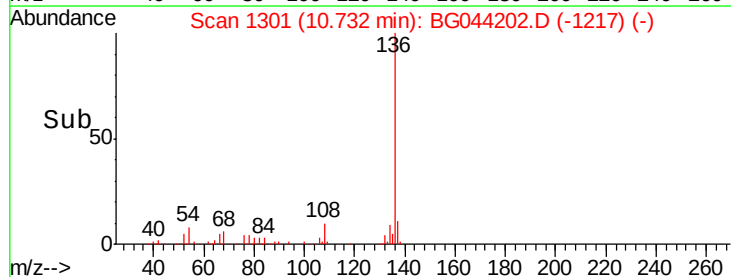
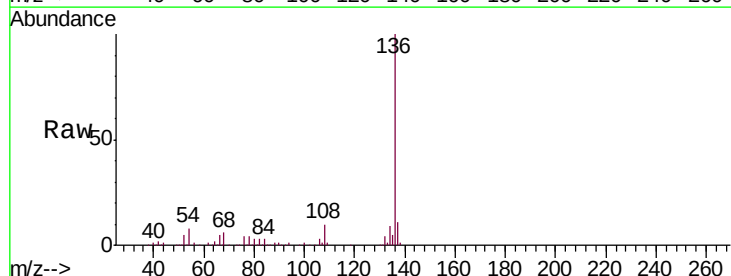
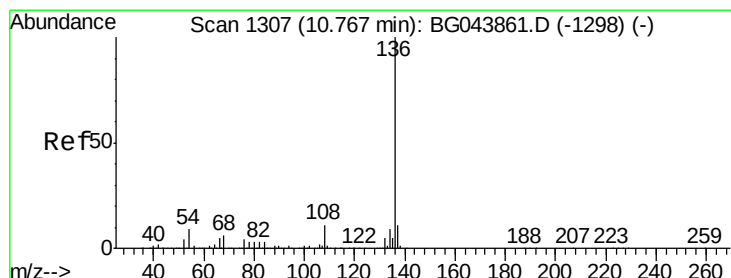
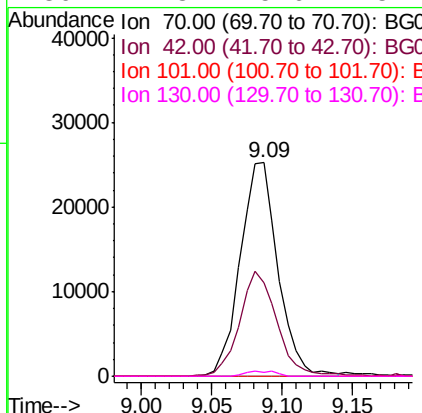




#19
n-Nitroso-di-n-propylamine
Concen: 11.119 ng
RT: 9.09 min Scan# 1021
Delta R.T. 0.32 min
Lab File: BG044202.D
Acq: 25 Jan 2020 5:05

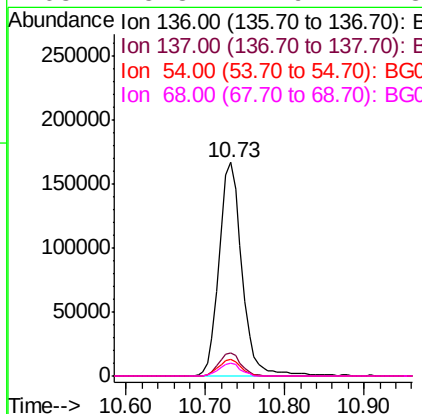
Instrument :
BNA_G
ClientSampleId :
20200060-COMP-B6

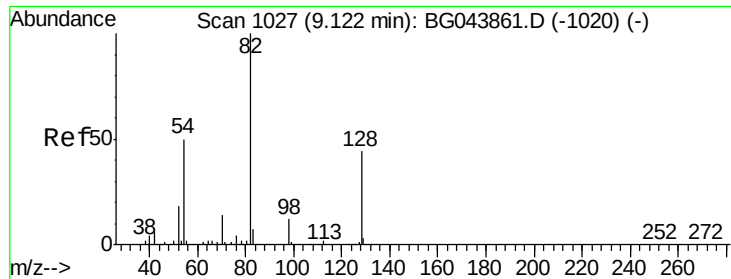
Tgt Ion: 70 Resp: 47175
Ion Ratio Lower Upper
70 100
42 43.6 47.0 70.4#
101 0.0 7.2 10.8#
130 1.8 15.6 23.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BG044202.D
Acq: 25 Jan 2020 5:05

Tgt Ion: 136 Resp: 334399
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.5 7.0 10.4
68 5.8 4.9 7.3





#23

Nitrobenzene-d5

Concen: 59.068 ng

RT: 9.08 min Scan# 1020

Delta R.T. -0.04 min

Lab File: BG044202.D

Acq: 25 Jan 2020 5:05

Instrument :

BNA_G

ClientSampleId :

20200060-COMP-B6

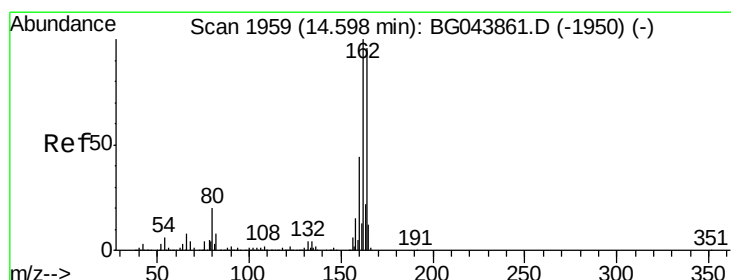
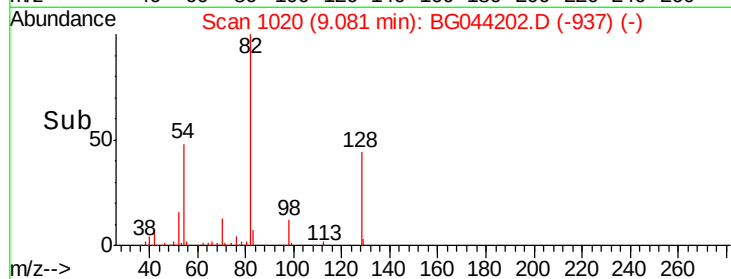
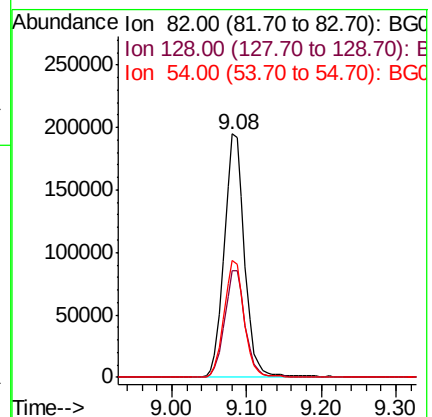
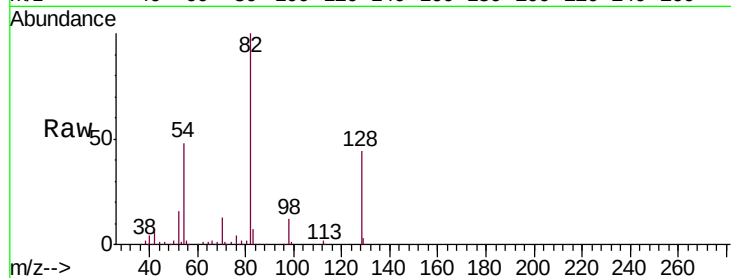
Tgt Ion: 82 Resp: 369233

Ion Ratio Lower Upper

82 100

128 43.6 35.1 52.7

54 48.2 40.1 60.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.04 min

Lab File: BG044202.D

Acq: 25 Jan 2020 5:05

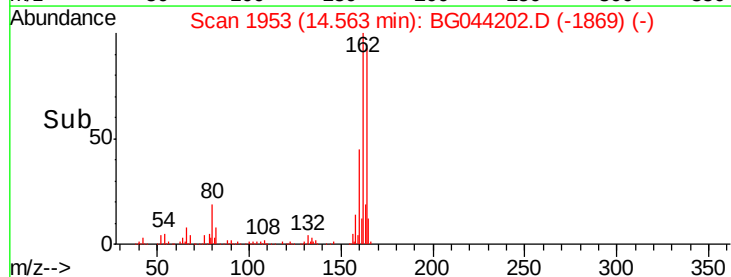
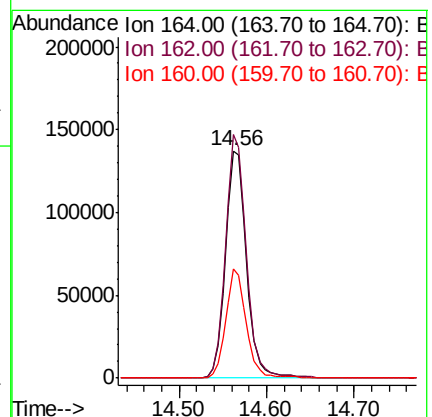
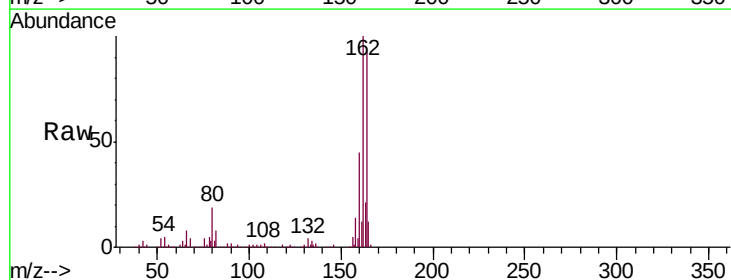
Tgt Ion: 164 Resp: 229369

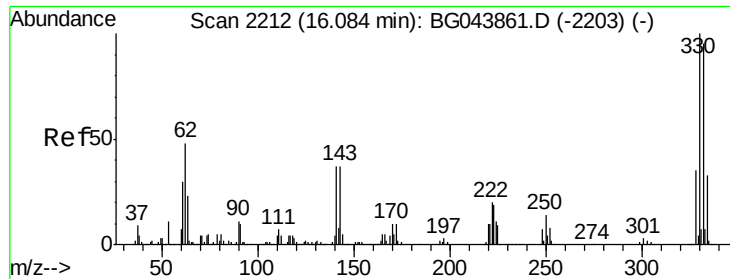
Ion Ratio Lower Upper

164 100

162 107.2 83.0 124.4

160 48.0 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 90.691 ng

RT: 16.05 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044202.D

Acq: 25 Jan 2020 5:05

Instrument :

BNA_G

ClientSampleId :

20200060-COMP-B6

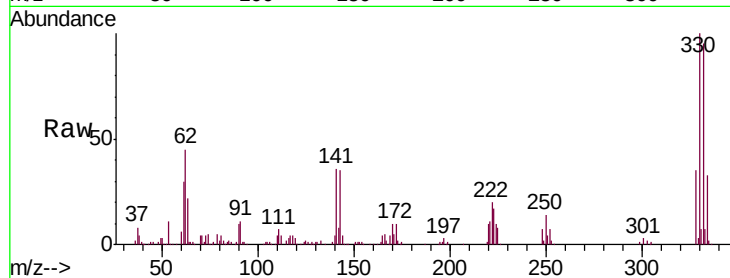
Tgt Ion:330 Resp: 217685

Ion Ratio Lower Upper

330 100

332 95.8 77.2 115.8

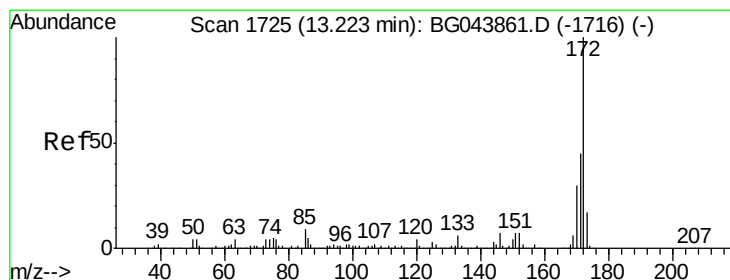
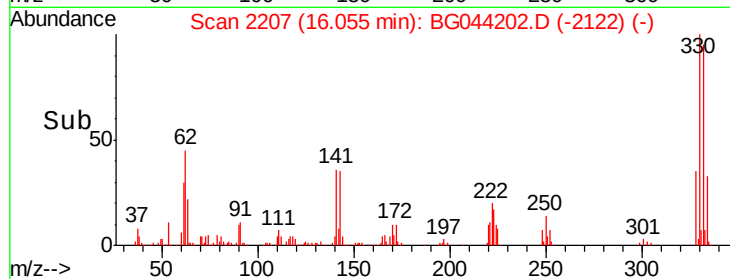
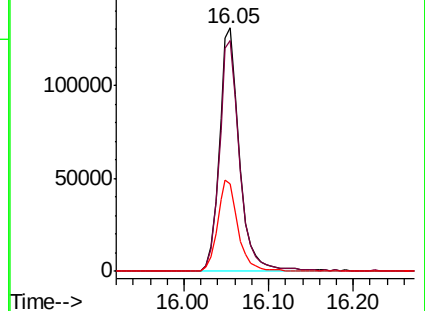
141 38.4 33.1 49.7



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: 66.642 ng

RT: 13.19 min Scan# 1719

Delta R.T. -0.04 min

Lab File: BG044202.D

Acq: 25 Jan 2020 5:05

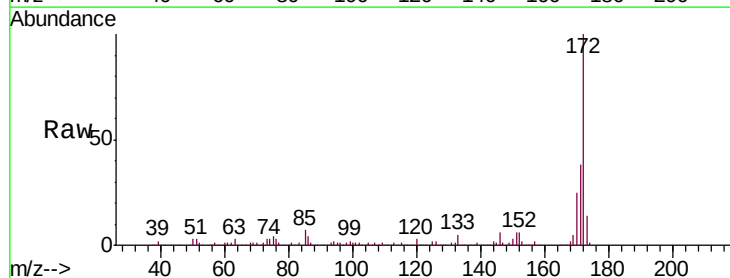
Tgt Ion:172 Resp: 843678

Ion Ratio Lower Upper

172 100

171 38.3 35.8 53.8

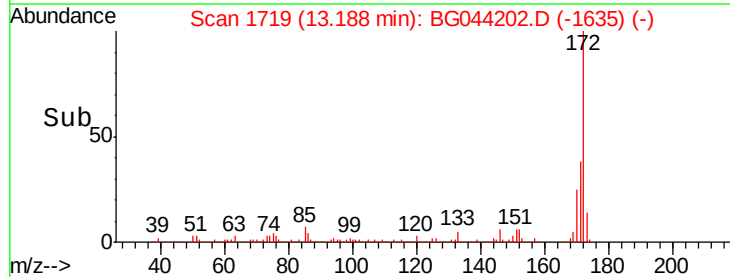
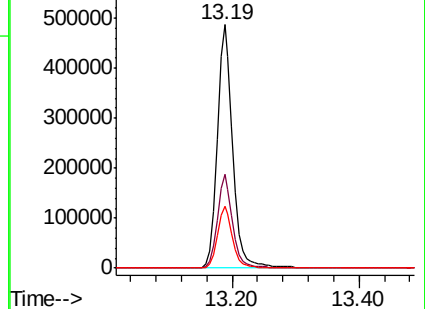
170 25.3 24.2 36.4

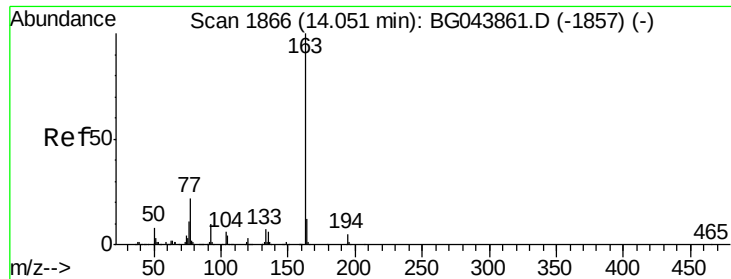


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 8.195 ng

RT: 14.02 min Scan# 1860

Delta R.T. -0.04 min

Lab File: BG044202.D

Acq: 25 Jan 2020 5:05

Instrument :

BNA_G

ClientSampleId :

20200060-COMP-B6

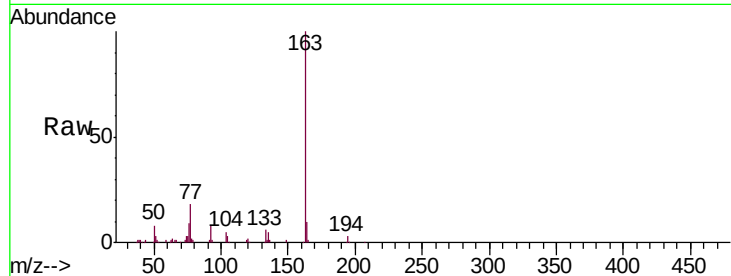
Tgt Ion:163 Resp: 133466

Ion Ratio Lower Upper

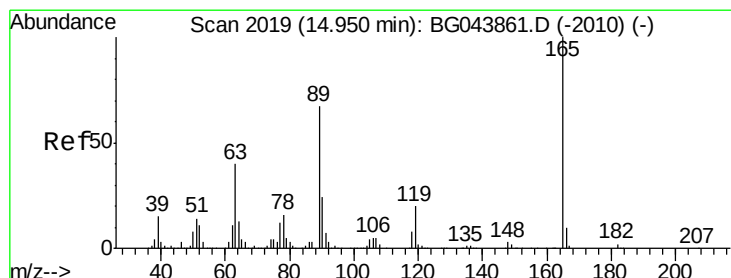
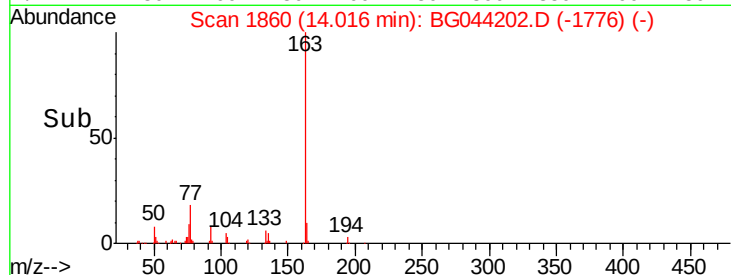
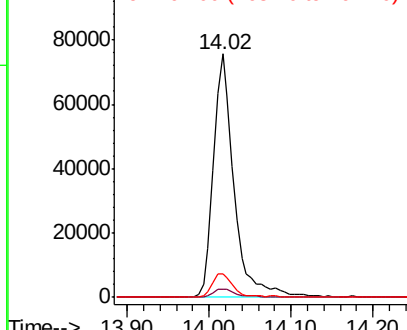
163 100

194 3.4 3.7 5.5#

164 9.8 9.3 13.9



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



#57

2,4-Dinitrotoluene

Concen: 6.034 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.39 min

Lab File: BG044202.D

Acq: 25 Jan 2020 5:05

Tgt Ion:165 Resp: 30224

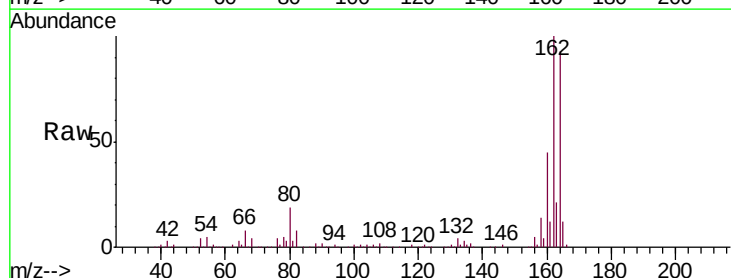
Ion Ratio Lower Upper

165 100

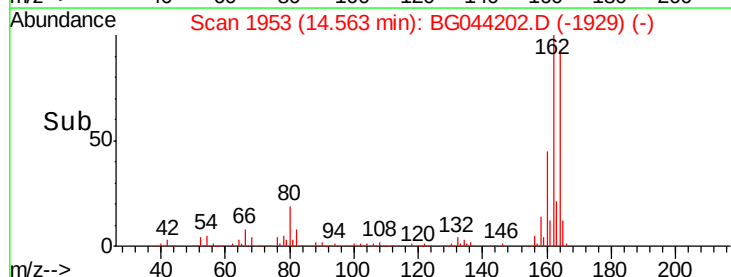
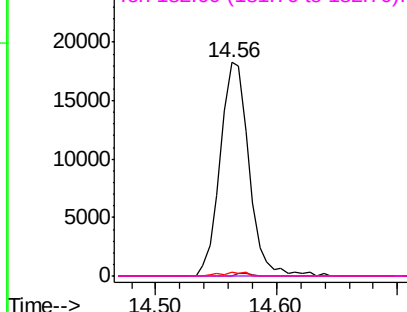
63 0.0 31.9 47.9#

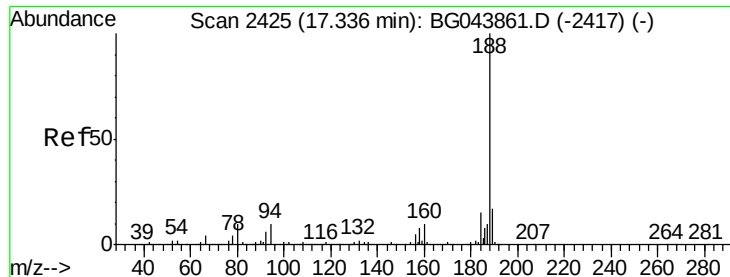
89 1.7 53.8 80.6#

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: BG044202.D

Acq: 25 Jan 2020 5:05

Instrument :

BNA_G

ClientSampleId :

20200060-COMP-B6

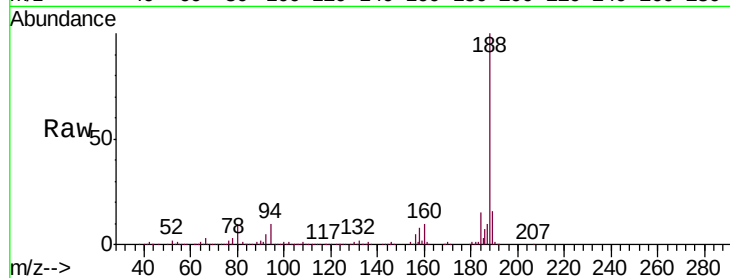
Tgt Ion:188 Resp: 459166

Ion Ratio Lower Upper

188 100

94 9.6 7.9 11.9

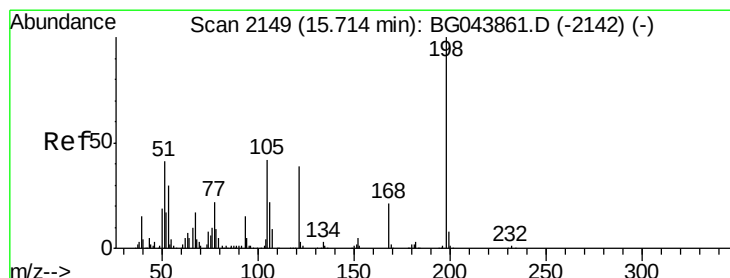
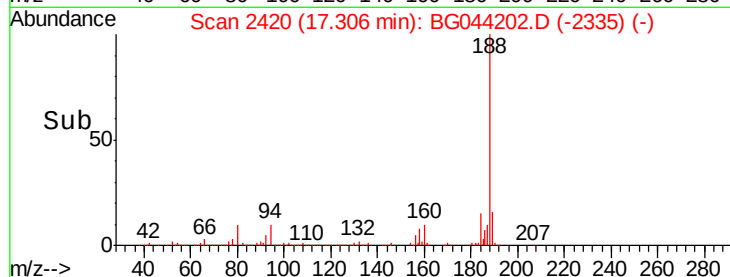
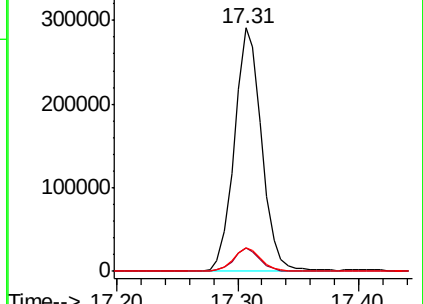
80 9.5 8.2 12.4



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: 4.640 ng

RT: 16.05 min Scan# 2207

Delta R.T. 0.34 min

Lab File: BG044202.D

Acq: 25 Jan 2020 5:05

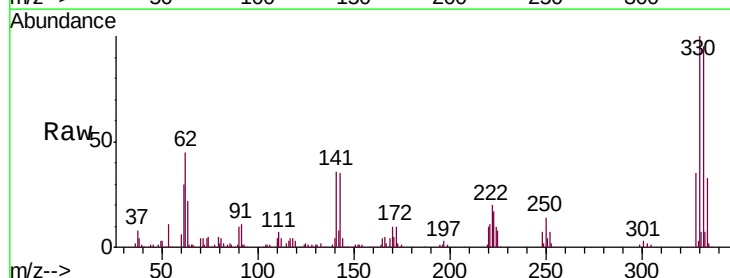
Tgt Ion:198 Resp: 651

Ion Ratio Lower Upper

198 100

51 119.1 22.5 62.5#

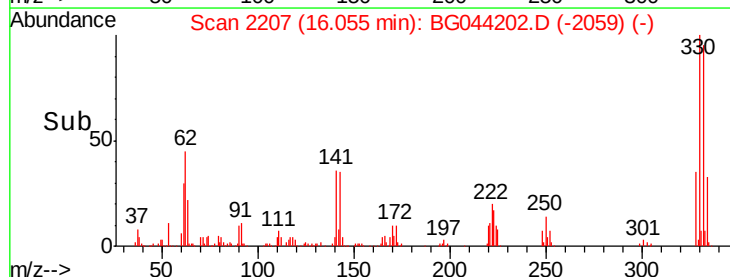
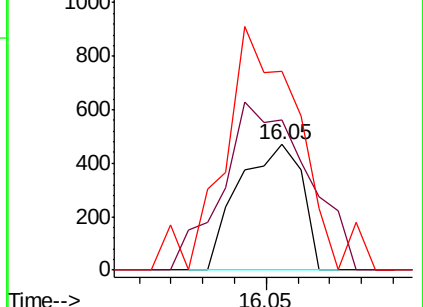
105 158.3 22.3 62.3#

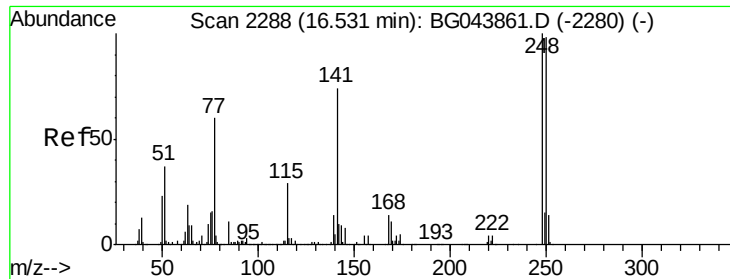


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

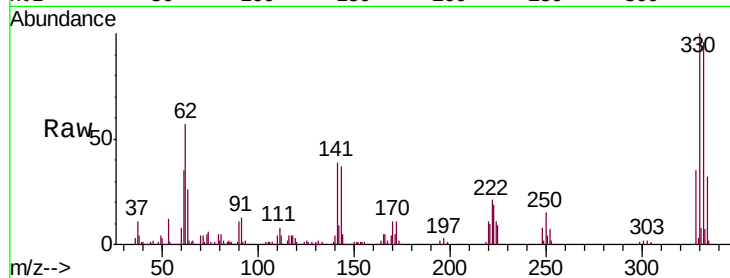




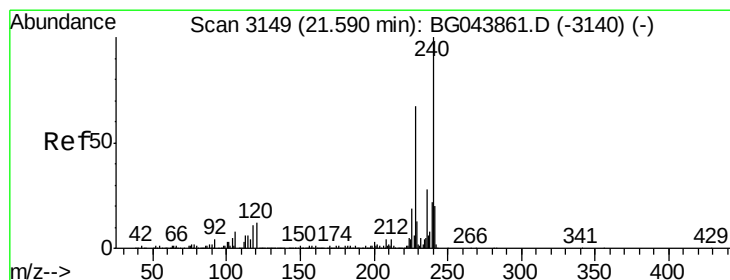
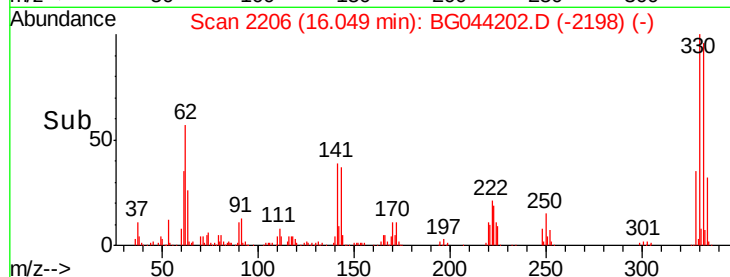
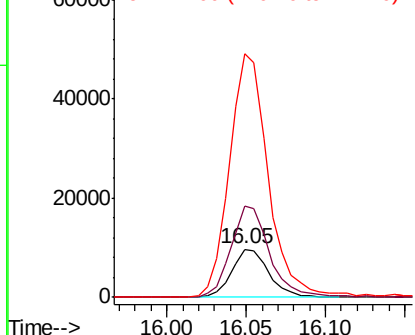
#67
 4-Bromophenyl-phenylether
 Concen: 3.008 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. -0.48 min
 Lab File: BG044202.D
 Acq: 25 Jan 2020 5:05

Instrument :
 BNA_G
 ClientSampleId :
 20200060-COMP-B6

Tgt Ion:248 Resp: 15533
 Ion Ratio Lower Upper
 248 100
 250 190.4 78.2 117.2#
 141 507.1 59.3 88.9#

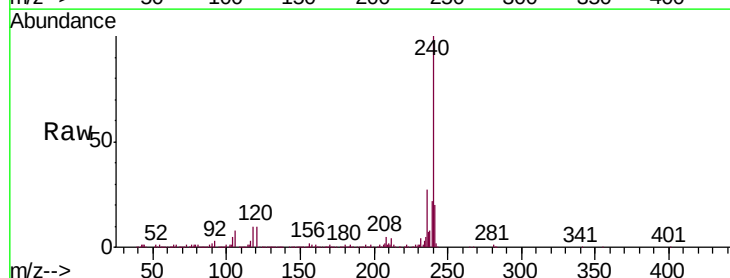


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

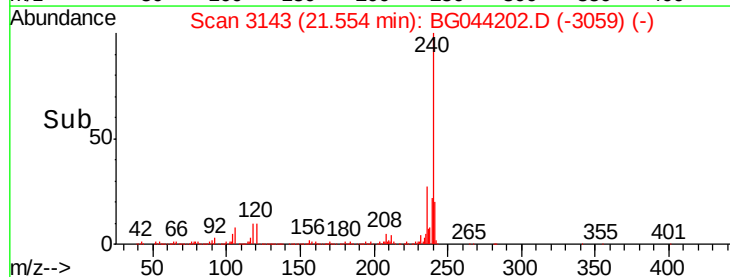
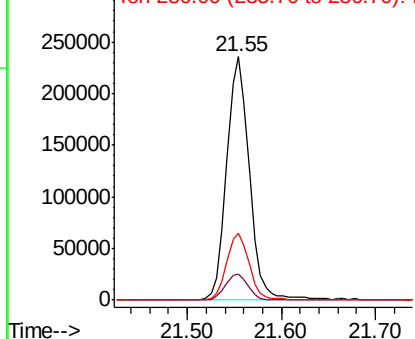


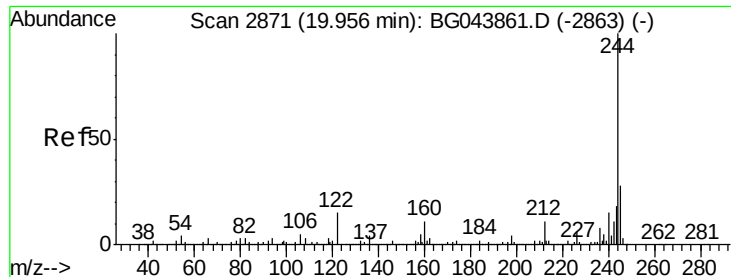
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.55 min Scan# 3143
 Delta R.T. -0.04 min
 Lab File: BG044202.D
 Acq: 25 Jan 2020 5:05

Tgt Ion:240 Resp: 395445
 Ion Ratio Lower Upper
 240 100
 120 10.5 9.6 14.4
 236 27.3 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: 62.261 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044202.D

Acq: 25 Jan 2020 5:05

Instrument :

BNA_G

ClientSampleId :

20200060-COMP-B6

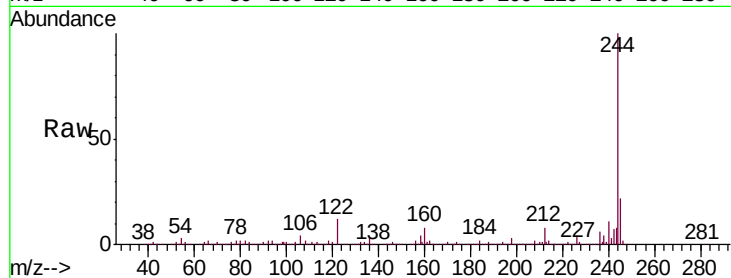
Tgt Ion:244 Resp: 1103365

Ion Ratio Lower Upper

244 100

212 8.1 8.6 13.0#

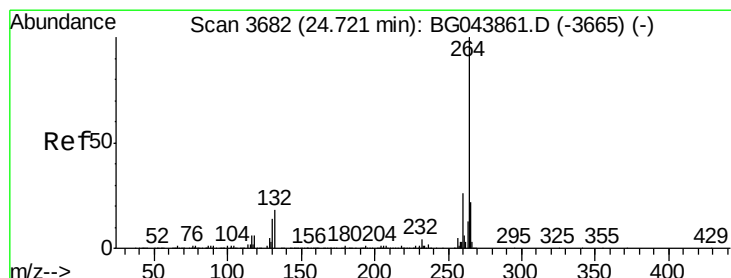
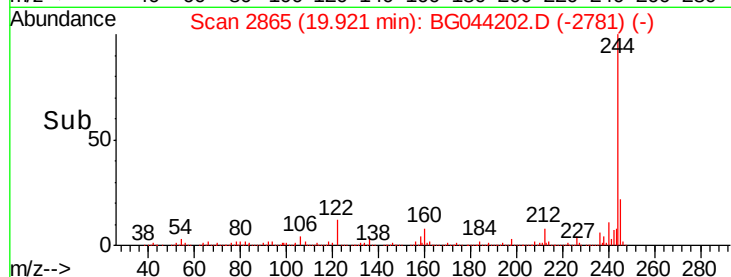
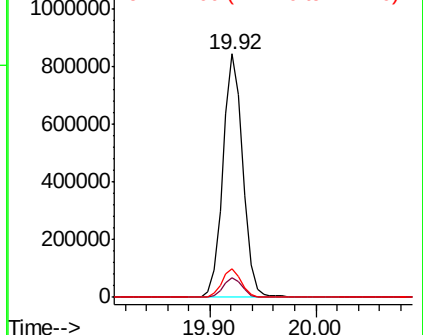
122 11.6 11.9 17.9#



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: BG044202.D

Acq: 25 Jan 2020 5:05

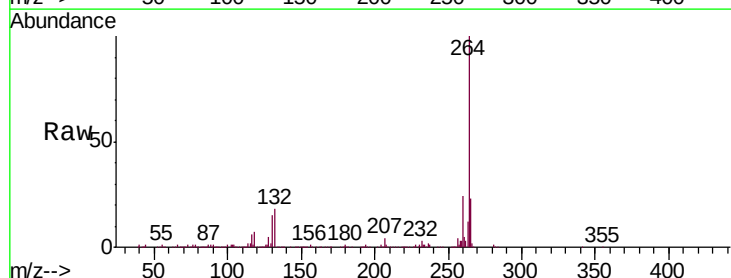
Tgt Ion:264 Resp: 440262

Ion Ratio Lower Upper

264 100

260 24.1 20.4 30.6

265 22.6 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

