

Data File : BG044080.D
Acq On : 17 Jan 2020 18:39
Operator : JU
Sample : PB126101BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126101BL

Quant Time: Jan 18 03:11:13 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	76513	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	325671	20.00	ng	-0.03
39) Acenaphthene-d10	14.57	164	234433	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	520909	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	436550	20.00	ng	-0.03
87) Perylene-d12	24.67	264	483480	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	451243	108.29	ng	-0.03
7) Phenol-d6	7.10	99	425619	73.07	ng	-0.02
23) Nitrobenzene-d5	9.09	82	536510	88.13	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	405747	165.39	ng	-0.03
45) 2-Fluorobiphenyl	13.20	172	1262147	97.54	ng	-0.03
79) Terphenyl-d14	19.93	244	1959840	119.80	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	423	0.233	ng	# 21
3) Pyridine	3.85	79	57	0.011	ng	# 1
4) n-Nitrosodimethylamine	3.73	42	55	0.023	ng	# 1
6) Aniline	7.47	93	1060	0.139	ng	# 1
8) 2-Chlorophenol	7.47	128	71	0.015	ng	# 1
9) Benzaldehyde	7.07	77	777	0.208	ng	# 62
10) Phenol	7.46	94	1444	0.241	ng	# 1
11) bis(2-Chloroethyl)ether	7.47	93	1060	0.205	ng	# 1
15) Benzyl Alcohol	8.25	79	8684	1.889	ng	# 46
17) 2-Methylphenol	8.25	107	54	0.012	ng	# 1
19) n-Nitroso-di-n-propylamine	9.09	70	68914	15.887	ng	# 79
20) 3+4-Methylphenols	8.25	107	54	0.009	ng	# 1
22) Acetophenone	8.75	105	4131	0.510	ng	# 87
24) Nitrobenzene	9.09	77	1800	0.299	ng	# 34
25) Isophorone	9.66	82	142	0.012	ng	# 65
28) bis(2-Chloroethoxy)methane	9.85	93	55	0.007	ng	# 48
31) Naphthalene	10.80	128	54	0.003	ng	# 66
46) 1,1'-Biphenyl	13.41	154	2922	0.174	ng	# 94
48) 2-Nitroaniline	13.20	65	2041	0.467	ng	# 1
51) 2,6-Dinitrotoluene	14.57	165	30159	8.016	ng	# 26
52) Acenaphthene	14.56	154	981	0.072	ng	# 4
57) 2,4-Dinitrotoluene	14.57	165	30159	5.891	ng	# 26
58) Fluorene	16.06	166	18336	1.227	ng	# 90
60) Diethylphthalate	15.39	149	168	0.010	ng	# 56
63) Azobenzene	16.06	77	2400	0.155	ng	# 1
65) 4,6-Dinitro-2-methylphenol	16.06	198	1501	4.898	ng	# 1
66) n-Nitrosodiphenylamine	16.06	169	15347	1.000	ng	# 49
67) 4-Bromophenyl-phenylether	16.06	248	29281	4.998	ng	# 1
74) Di-n-butylphthalate	18.28	149	1553	0.053	ng	# 73
77) Benzidine	19.93	184	35466	3.232	ng	# 92
78) Pyrene	19.93	202	7664	0.269	ng	# 70
80) Butylbenzylphthalate	20.62	149	1307	0.096	ng	# 83
81) Benzo(a)anthracene	21.56	228	2327	0.086	ng	# 71
82) 3,3'-Dichlorobenzidine	21.47	252	271	0.025	ng	# 25

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011720\
Quantitation Report (Not Reviewed)

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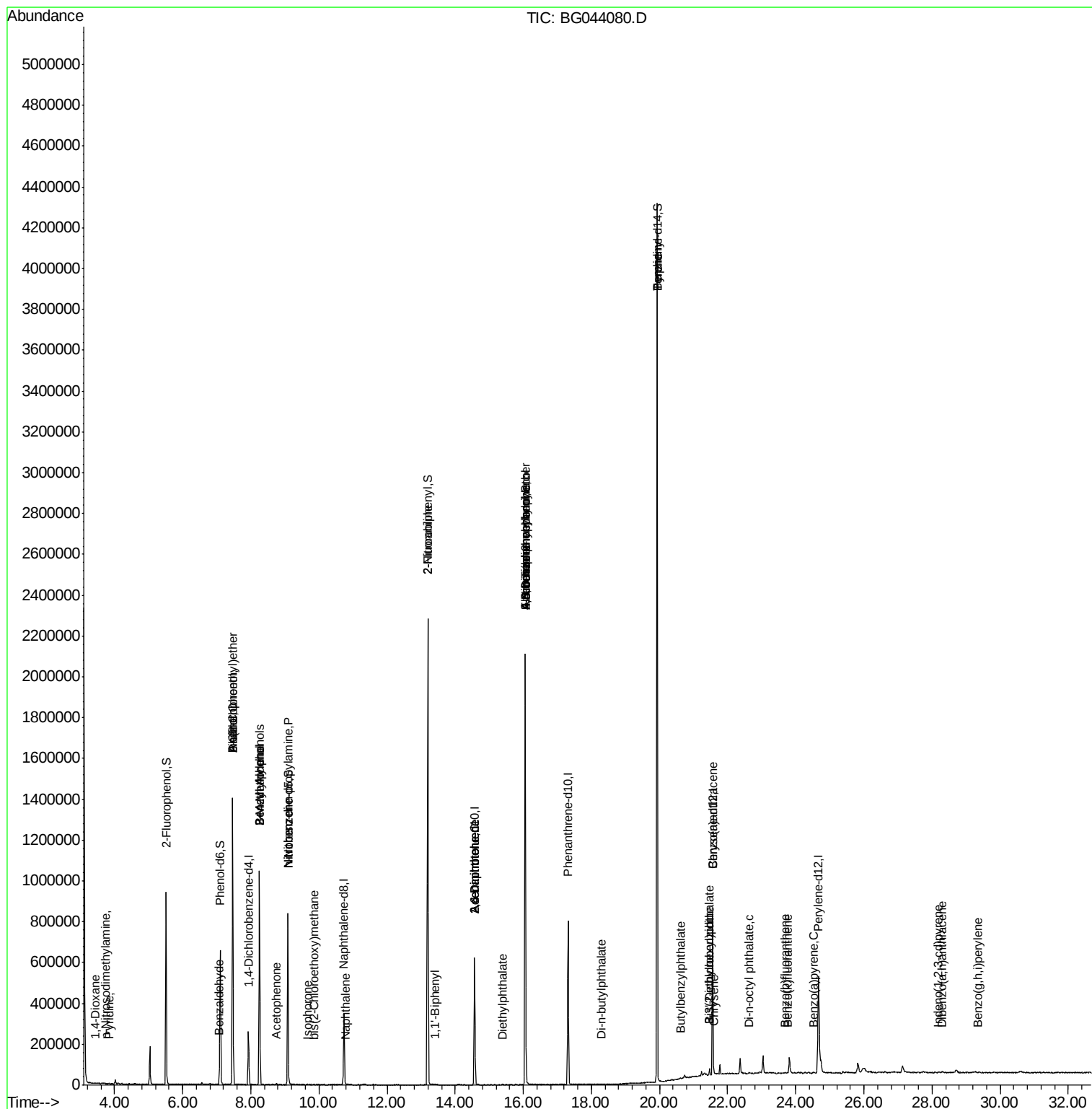
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Chrysene	21.60	228	977	0.038	ng	# 44
84) Bis(2-ethylhexyl)phthalate	21.46	149	14049	0.751	ng	92
85) Di-n-octyl phthalate	22.64	149	3013	0.096	ng	# 75
86) Indeno(1,2,3-cd)pyrene	28.19	276	432	0.012	ng	# 61
88) Benzo(b)fluoranthene	23.68	252	2886	0.101	ng	# 59
89) Benzo(k)fluoranthene	23.75	252	408	0.015	ng	# 51
90) Benzo(a)pyrene	24.53	252	2250	0.083	ng	# 67
91) Dibenzo(a,h)anthracene	28.28	278	412	0.015	ng	# 1
92) Benzo(g,h,i)perylene	29.34	276	227	0.008	ng	# 51

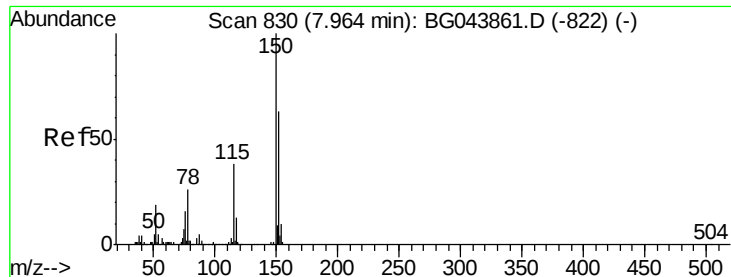
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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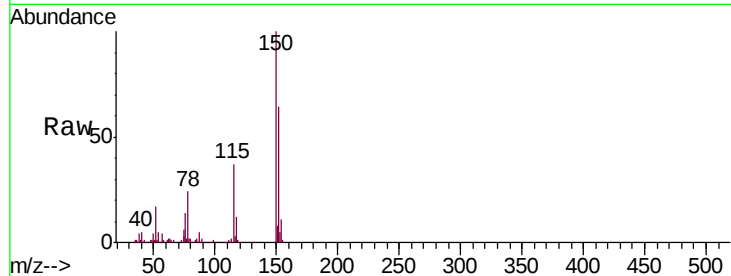


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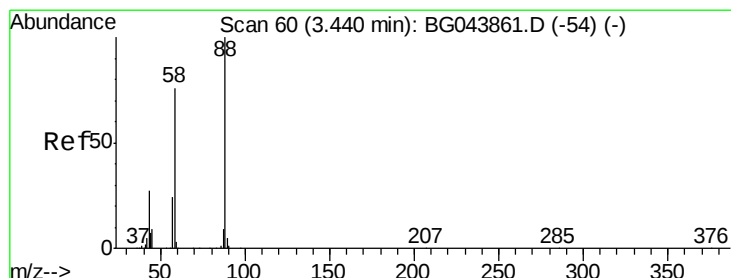
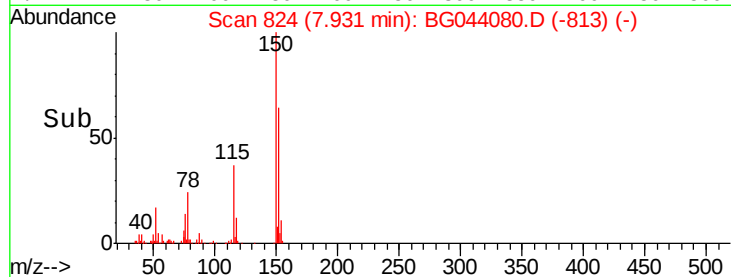
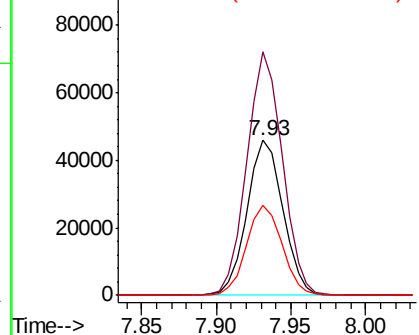
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.3	127.0	190.4
115	58.3	47.8	71.8



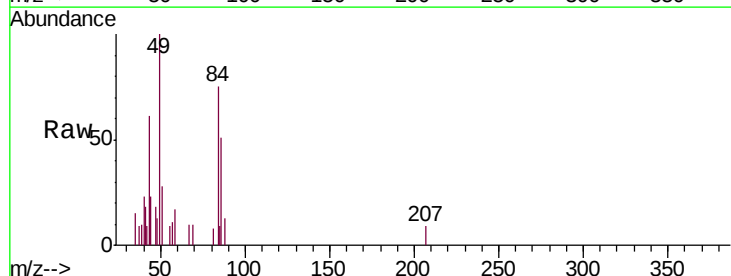
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



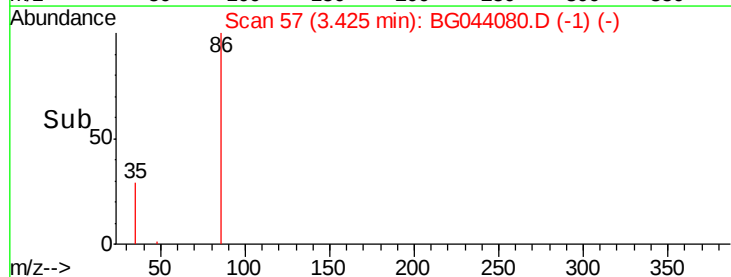
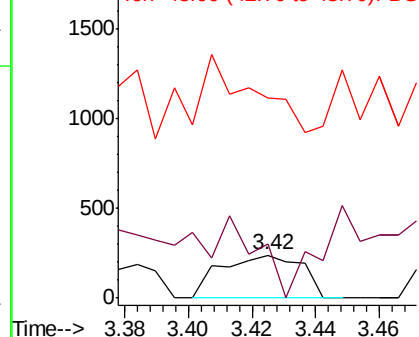
#2

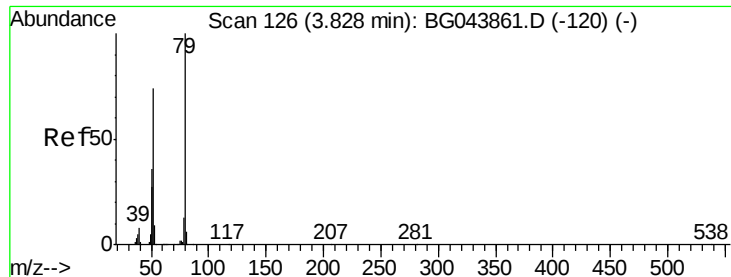
1,4-Dioxane
Concen: 0.233 ng
RT: 3.42 min Scan# 57
Delta R.T. -0.02 min
Lab File: BG044080.D
Acq: 17 Jan 2020 18:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	59.8	89.8#
43	0.0	22.9	34.3#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 0.011 ng

RT: 3.85 min Scan# 129

Delta R.T. 0.02 min

Lab File: BG044080.D

Acq: 17 Jan 2020 18:39

Instrument :

BNA_G

ClientSampleId :

PB126101BL

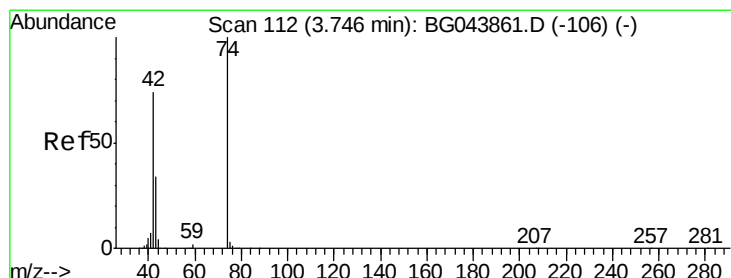
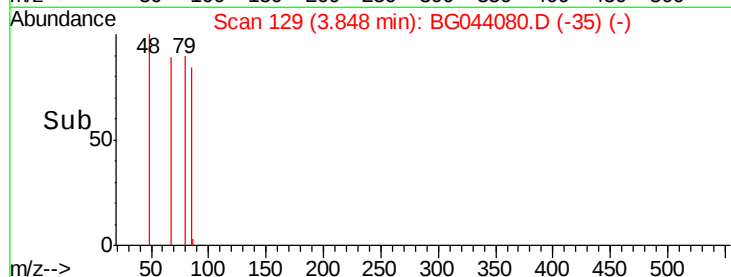
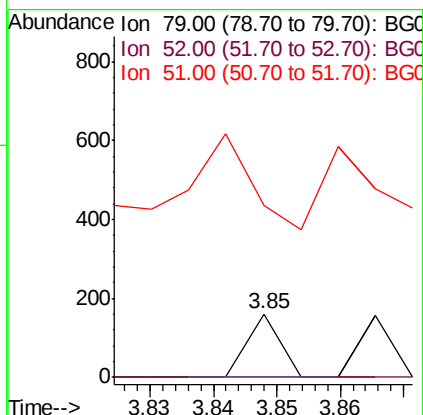
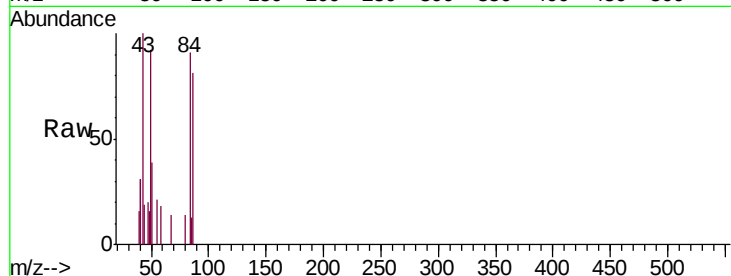
Tgt Ion: 79 Resp: 57

Ion Ratio Lower Upper

79 100

52 0.0 58.9 88.3#

51 271.4 28.6 43.0#



#4

n-Nitrosodimethylamine

Concen: 0.023 ng

RT: 3.73 min Scan# 109

Delta R.T. -0.02 min

Lab File: BG044080.D

Acq: 17 Jan 2020 18:39

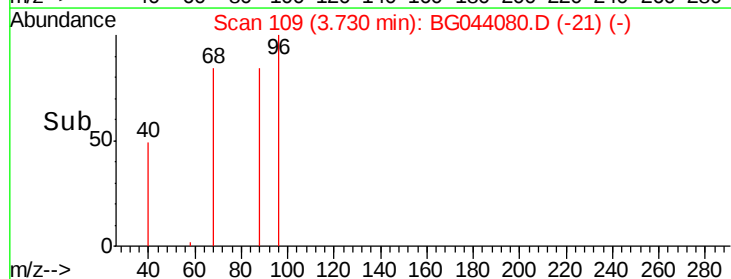
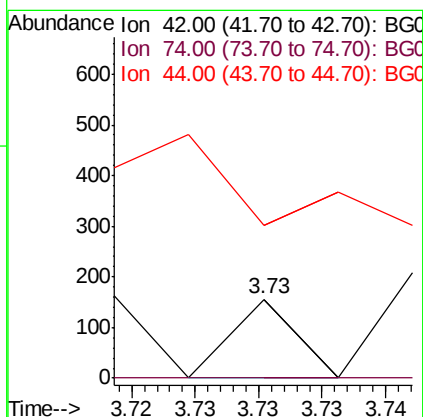
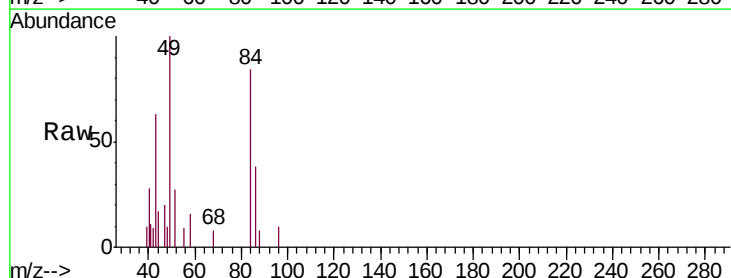
Tgt Ion: 42 Resp: 55

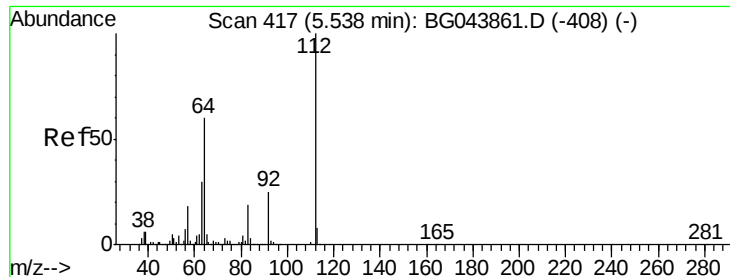
Ion Ratio Lower Upper

42 100

74 0.0 108.6 162.8#

44 194.2 5.0 7.6#





#5

2-Fluorophenol

Concen: 108.287 ng

RT: 5.51 min Scan# 412

Delta R.T. -0.03 min

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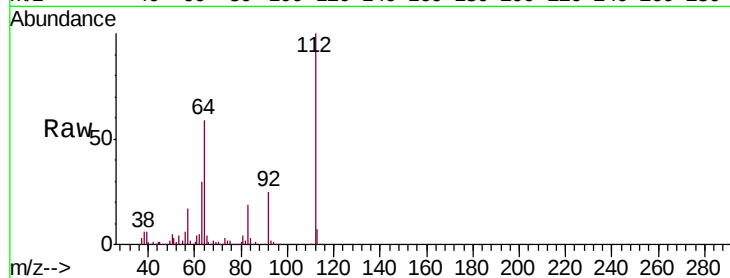
Tgt Ion:112 Resp: 451243

Ion Ratio Lower Upper

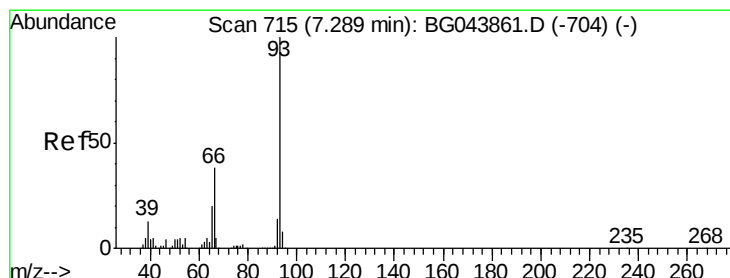
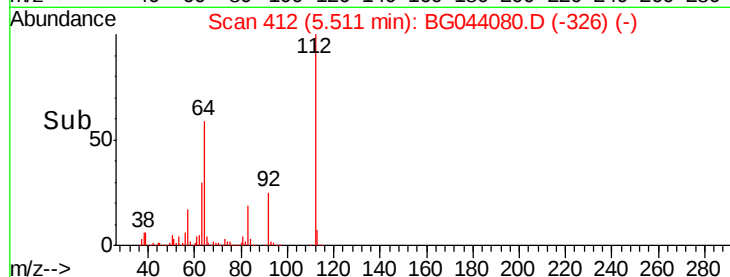
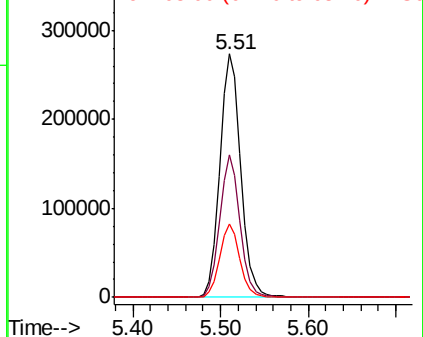
112 100

64 58.6 47.8 71.6

63 30.2 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.139 ng

RT: 7.47 min Scan# 746

Delta R.T. 0.18 min

Lab File: BG044080.D

Acq: 17 Jan 2020 18:39

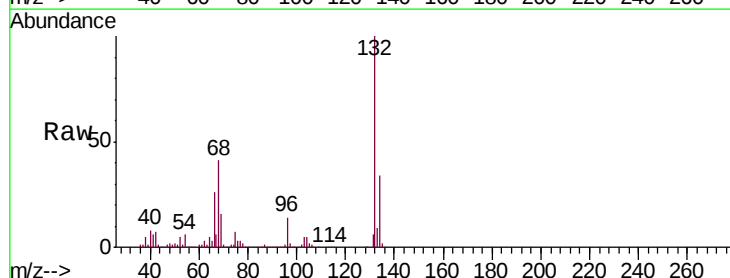
Tgt Ion: 93 Resp: 1060

Ion Ratio Lower Upper

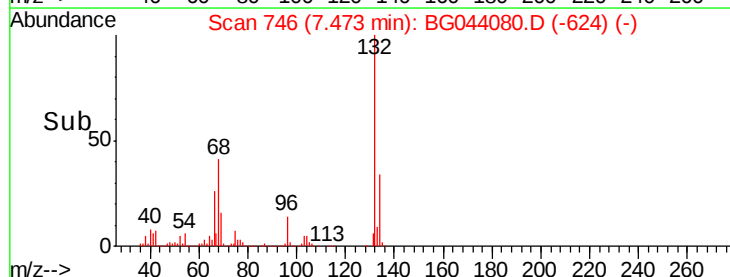
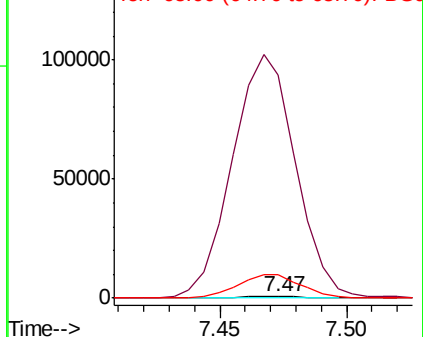
93 100

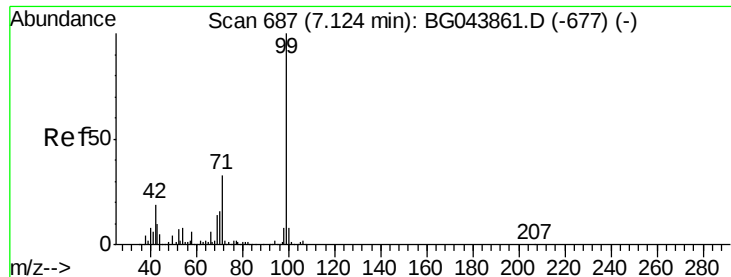
66 16235.7 30.8 46.2#

65 1736.7 16.0 24.0#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 73.070 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

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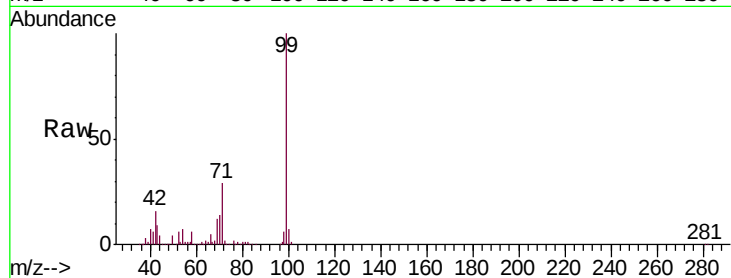
Tgt Ion: 99 Resp: 425619

Ion Ratio Lower Upper

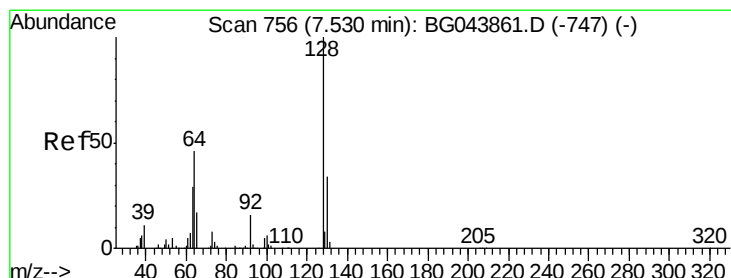
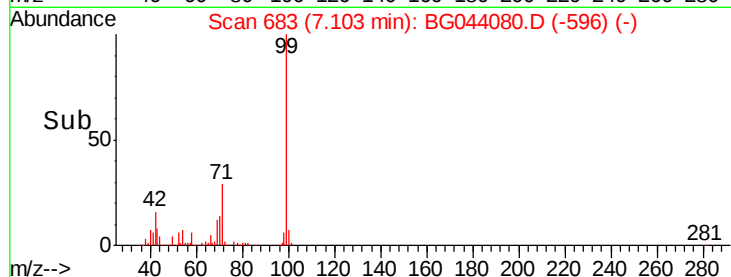
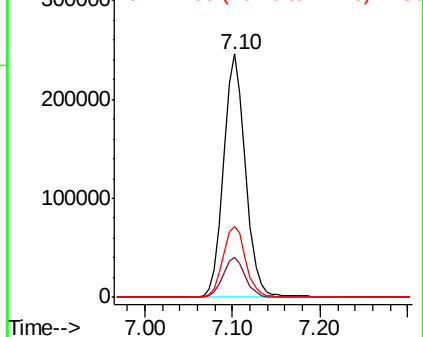
99 100

42 16.4 14.9 22.3

71 29.2 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



#8

2-Chlorophenol

Concen: 0.015 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.06 min

Lab File: BG044080.D

Acq: 17 Jan 2020 18:39

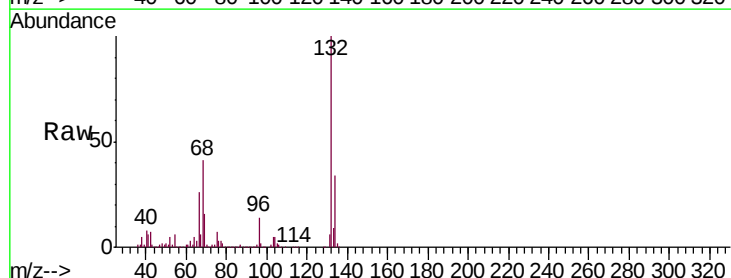
Tgt Ion: 128 Resp: 71

Ion Ratio Lower Upper

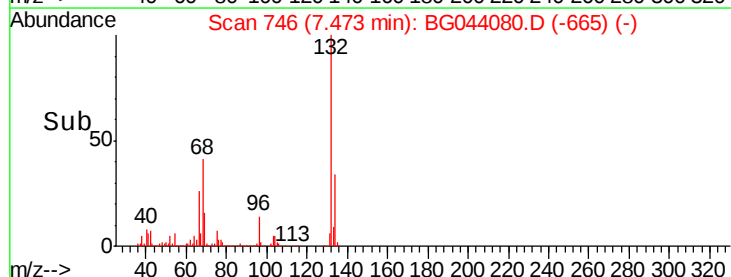
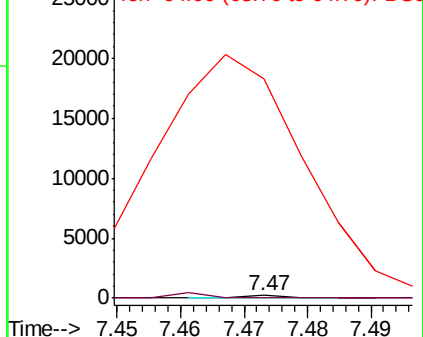
128 100

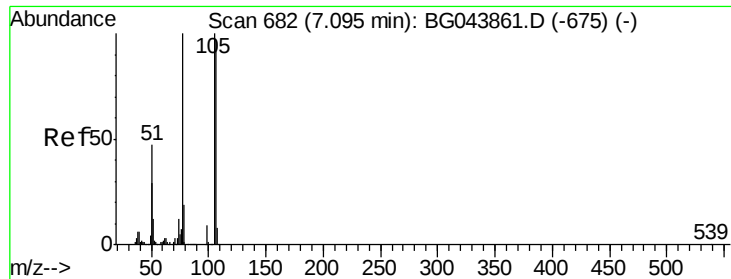
130 0.0 13.8 53.8#

64 9128.0 27.6 67.6#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 0.208 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.03 min

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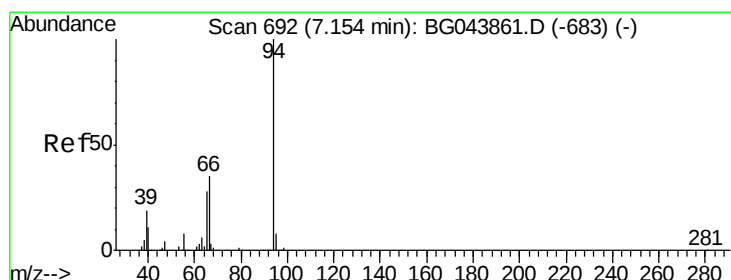
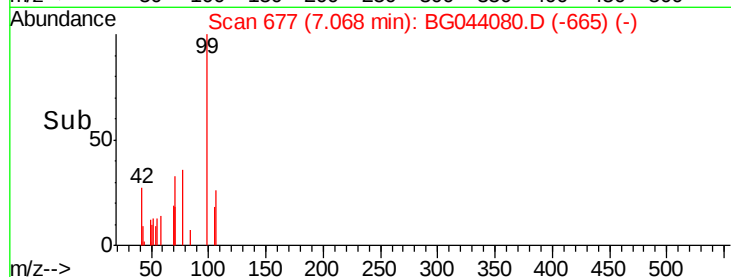
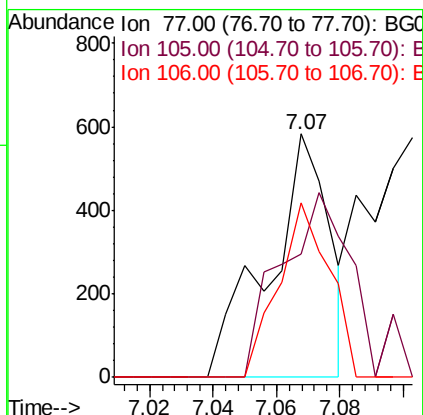
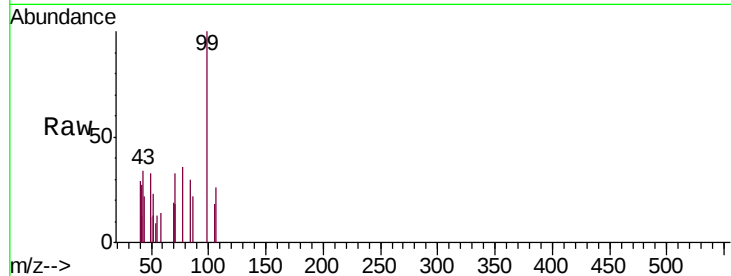
Tgt Ion: 77 Resp: 777

Ion Ratio Lower Upper

77 100

105 50.9 80.2 120.2#

106 71.9 77.2 117.2#



#10

Phenol

Concen: 0.241 ng

RT: 7.46 min Scan# 744

Delta R.T. 0.31 min

Lab File: BG044080.D

Acq: 17 Jan 2020 18:39

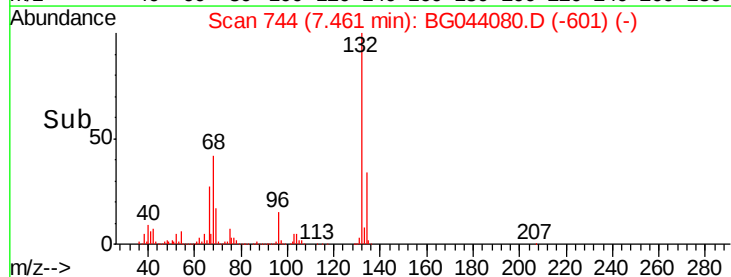
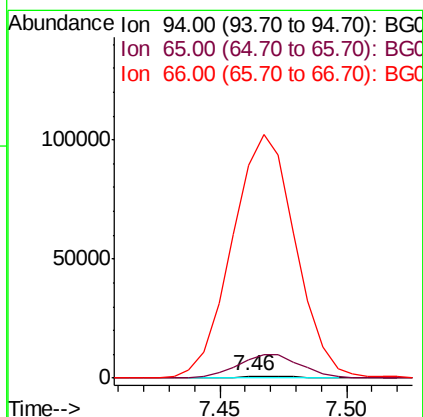
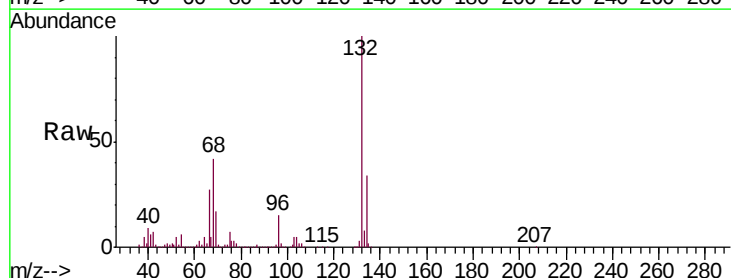
Tgt Ion: 94 Resp: 1444

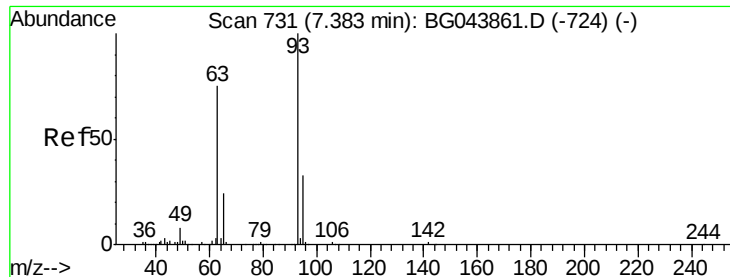
Ion Ratio Lower Upper

94 100

65 917.8 8.1 48.1#

66 10864.5 15.6 55.6#

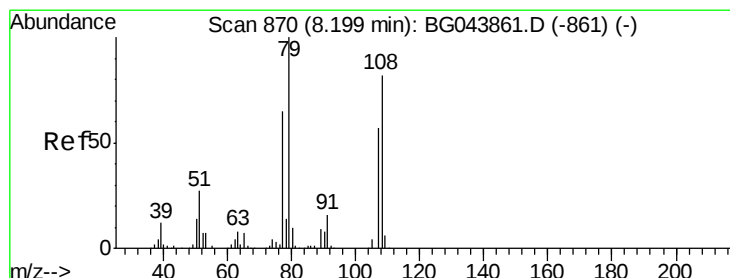
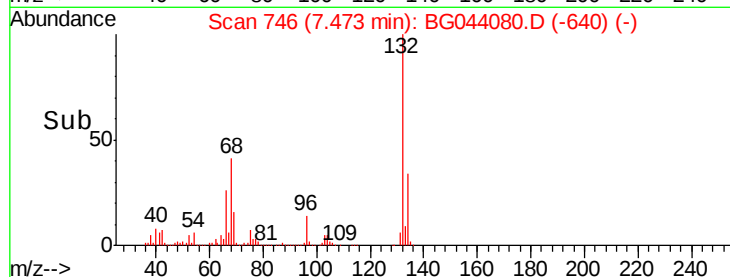
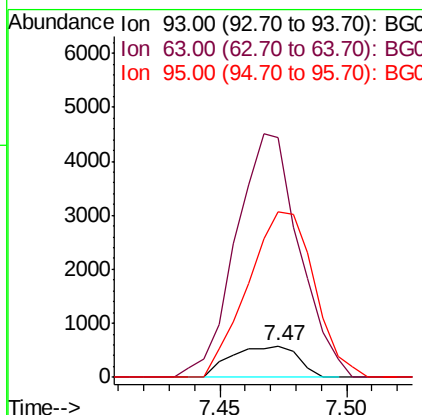
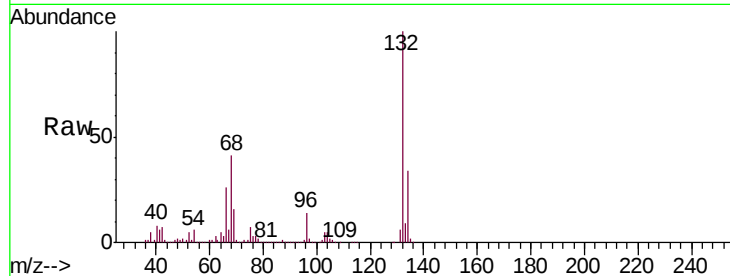




#11
bis(2-Chloroethyl)ether
Concen: 0.205 ng
RT: 7.47 min Scan# 746
Delta R.T. 0.09 min
Lab File: BG044080.D
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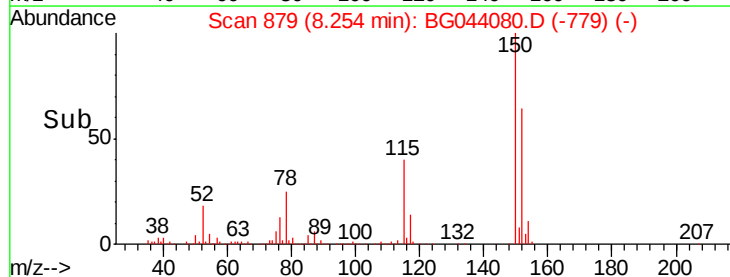
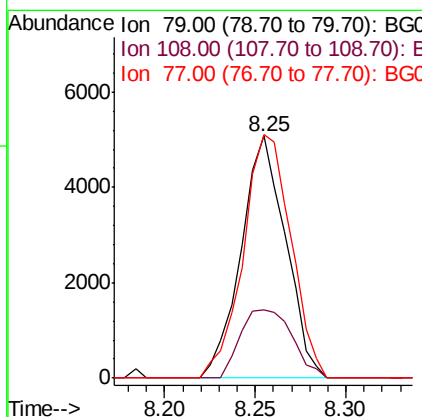
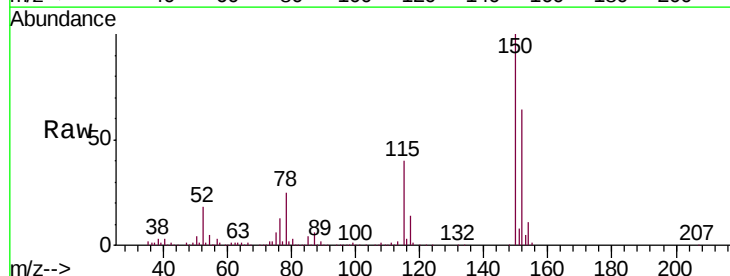
Instrument :
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ClientSampleId :
PB126101BL

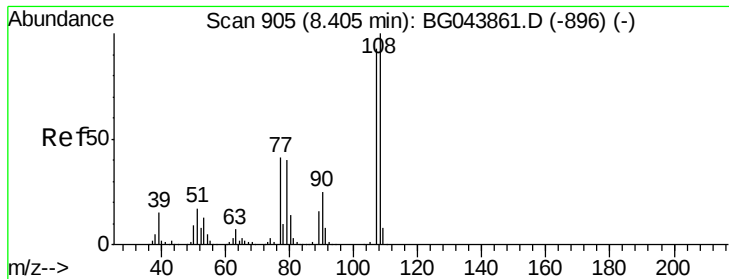
Tgt Ion: 93 Resp: 1060
Ion Ratio Lower Upper
93 100
63 769.7 55.0 95.0#
95 530.0 13.3 53.3#



#15
Benzyl Alcohol
Concen: 1.889 ng
RT: 8.25 min Scan# 879
Delta R.T. 0.06 min
Lab File: BG044080.D
Acq: 17 Jan 2020 18:39

Tgt Ion: 79 Resp: 8684
Ion Ratio Lower Upper
79 100
108 28.2 65.6 98.4#
77 100.7 52.0 78.0#





#17

2-Methylphenol

Concen: 0.012 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.15 min

Lab File: BG044080.D

Acq: 17 Jan 2020 18:39

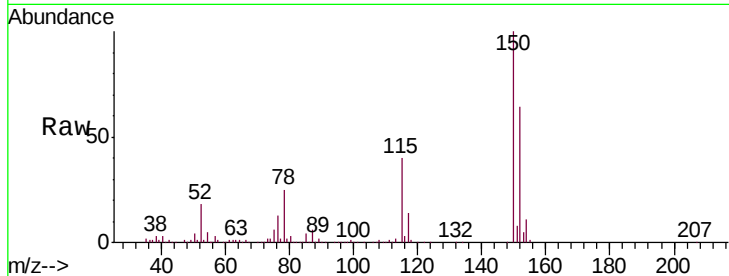
Instrument :

BNA_G

ClientSampleId :

PB126101BL

Tgt Ion:	107	Resp:	54
Ion Ratio	Lower	Upper	
107	100		
108	933.3	86.1	129.1#
77	3338.6	35.4	53.0#
79	3314.4	34.8	52.2#

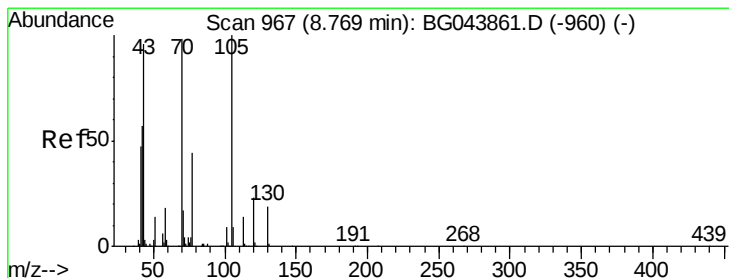
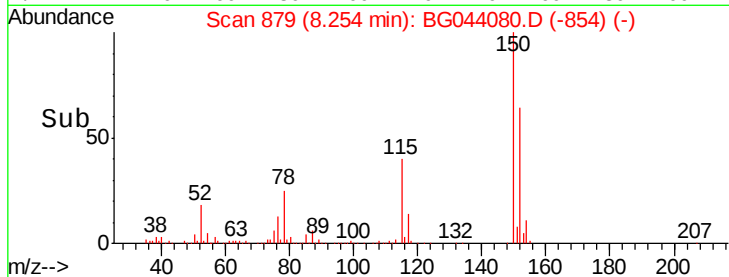
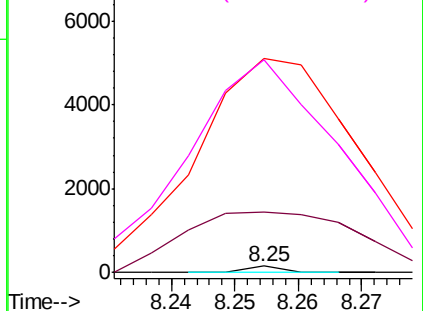


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 15.887 ng

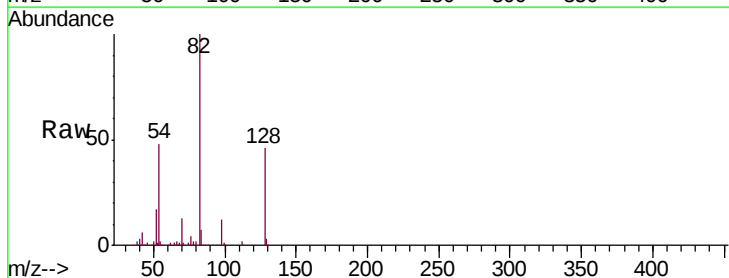
RT: 9.09 min Scan# 1021

Delta R.T. 0.32 min

Lab File: BG044080.D

Acq: 17 Jan 2020 18:39

Tgt Ion:	70	Resp:	68914
Ion Ratio	Lower	Upper	
70	100		
42	47.3	47.0	70.4
101	0.0	7.2	10.8#
130	2.3	15.6	23.4#

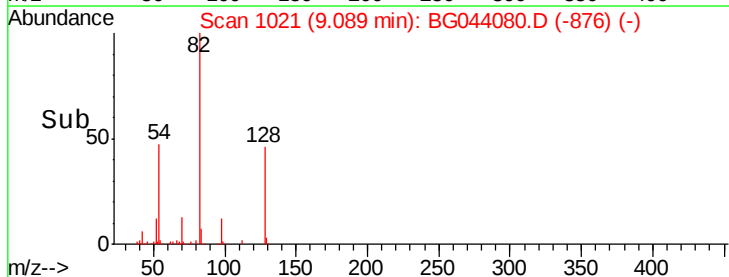
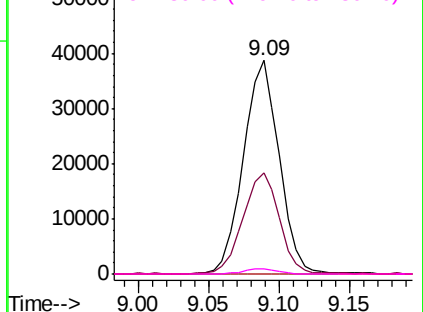


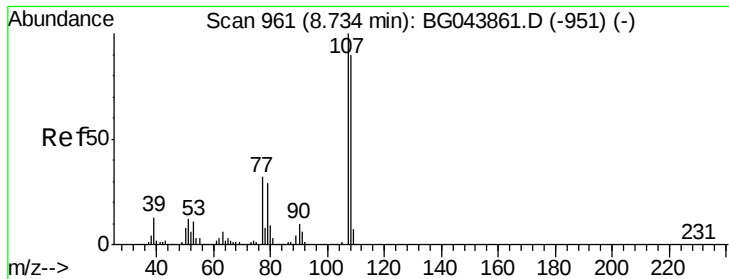
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

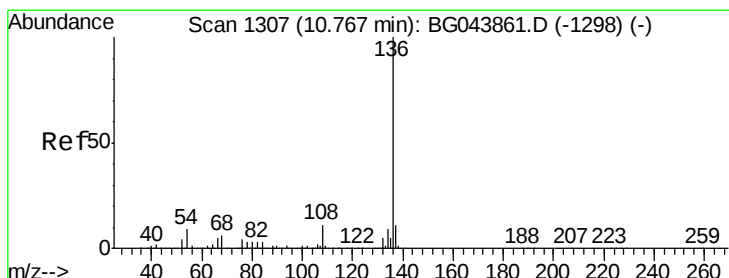
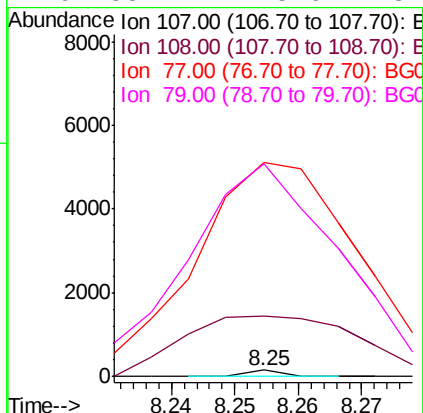
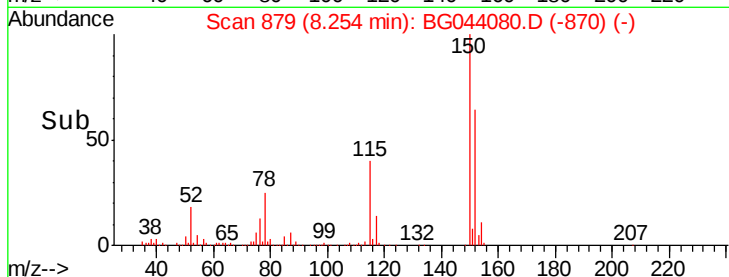
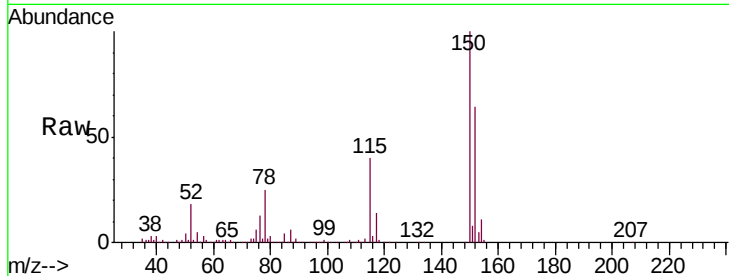




#20
3+4-Methylphenols
Concen: 0.009 ng
RT: 8.25 min Scan# 879
Delta R.T. -0.48 min
Lab File: BG044080.D
Acq: 17 Jan 2020 18:39

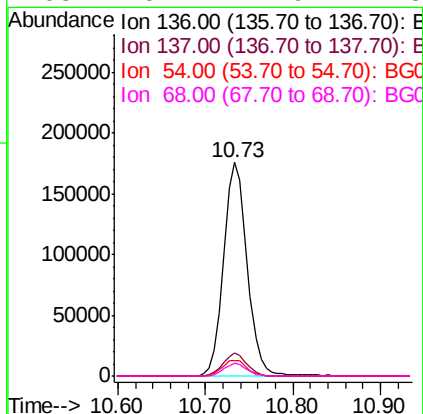
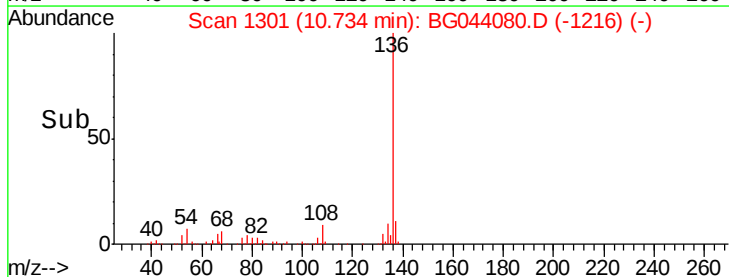
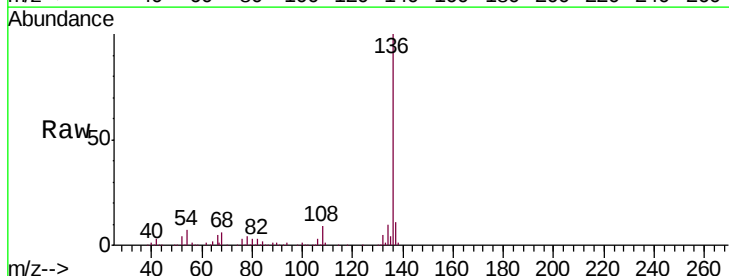
Instrument :
BNA_G
ClientSampleId :
PB126101BL

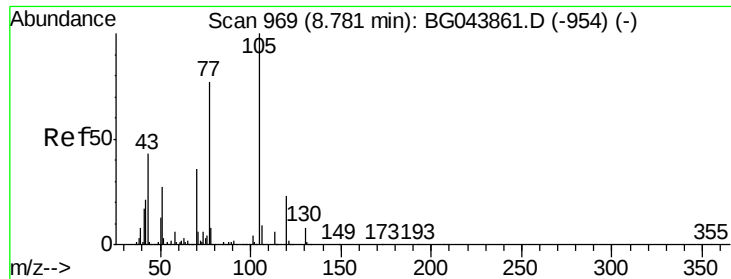
Tgt Ion:107 Resp: 54
Ion Ratio Lower Upper
107 100
108 933.3 70.3 110.3#
77 3338.6 12.4 52.4#
79 3314.4 8.6 48.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BG044080.D
Acq: 17 Jan 2020 18:39

Tgt Ion:136 Resp: 325671
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.0 7.0 10.4
68 6.1 4.9 7.3

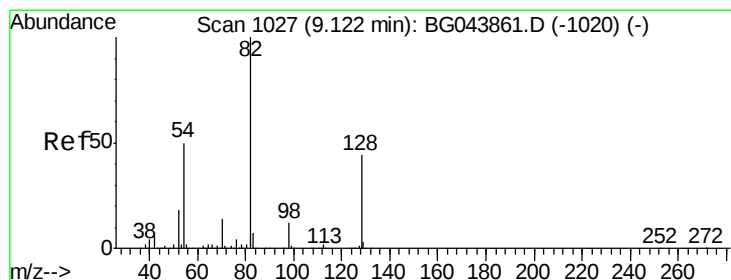
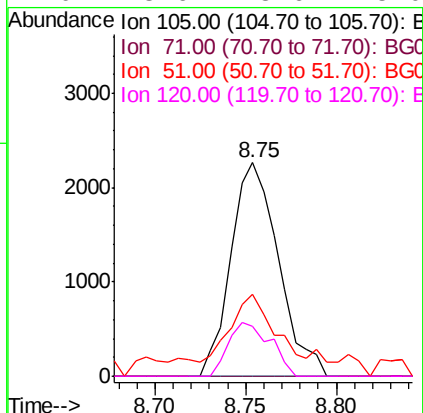
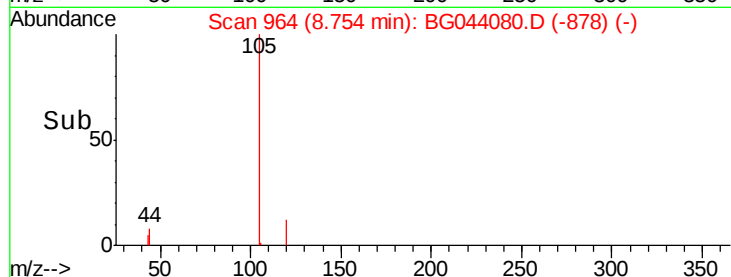
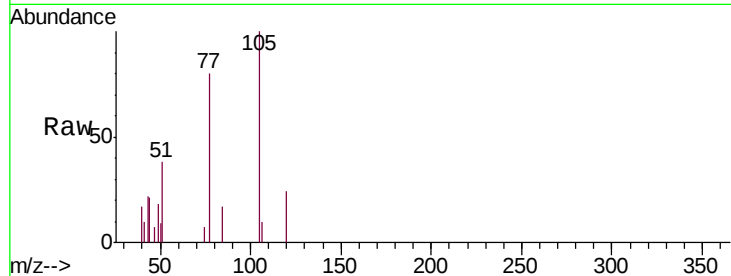




#22
Acetophenone
Concen: 0.510 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.03 min
Lab File: BG044080.D
Acq: 17 Jan 2020 18:39

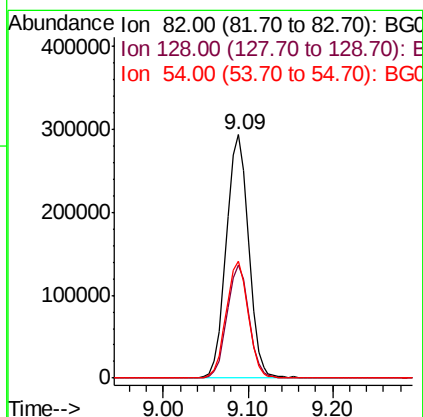
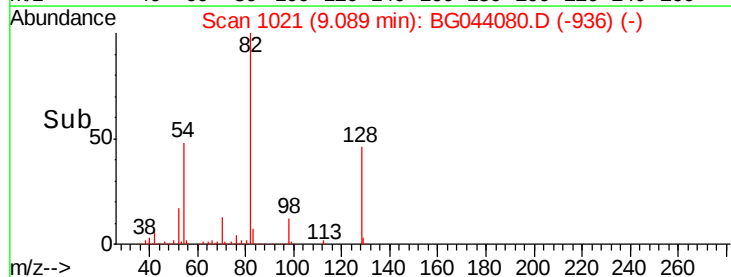
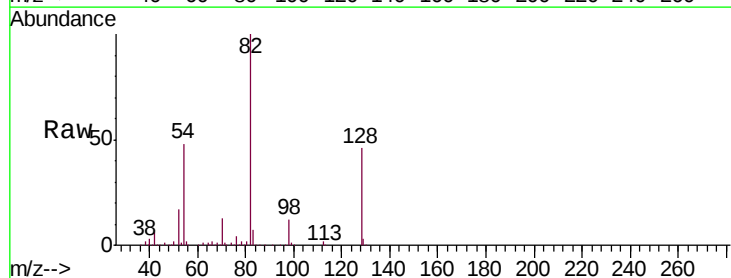
Instrument :
BNA_G
ClientSampleId :
PB126101BL

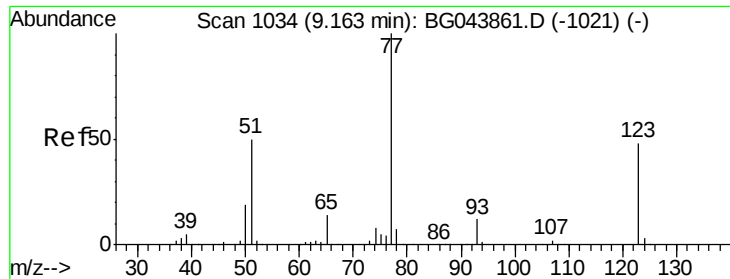
Tgt Ion: 105 Resp: 4131
Ion Ratio Lower Upper
105 100
71 0.0 4.8 7.2#
51 38.1 21.4 32.0#
120 23.6 18.6 28.0



#23
Nitrobenzene-d5
Concen: 88.129 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.03 min
Lab File: BG044080.D
Acq: 17 Jan 2020 18:39

Tgt Ion: 82 Resp: 536510
Ion Ratio Lower Upper
82 100
128 46.2 35.1 52.7
54 48.1 40.1 60.1

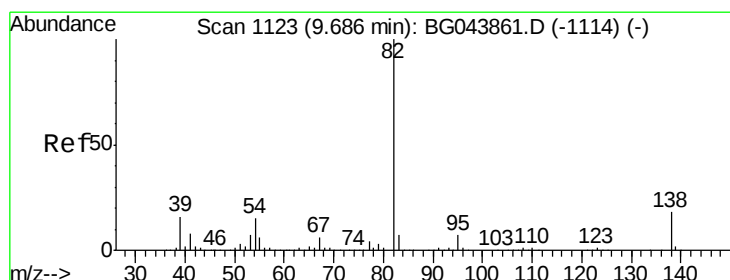
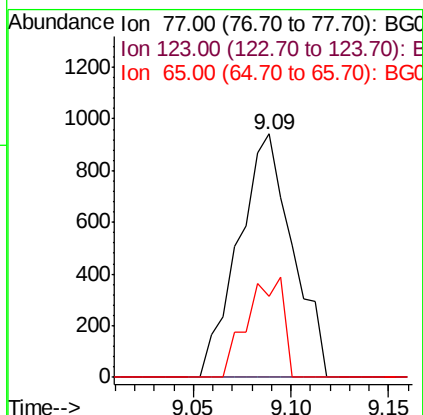
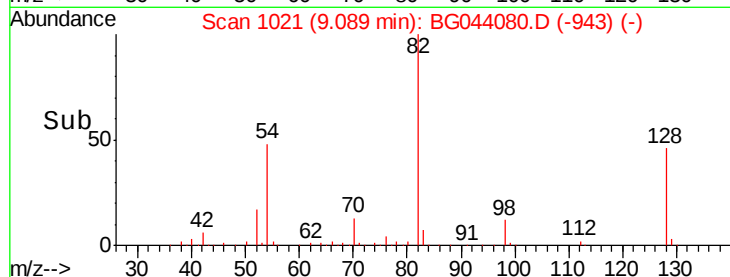
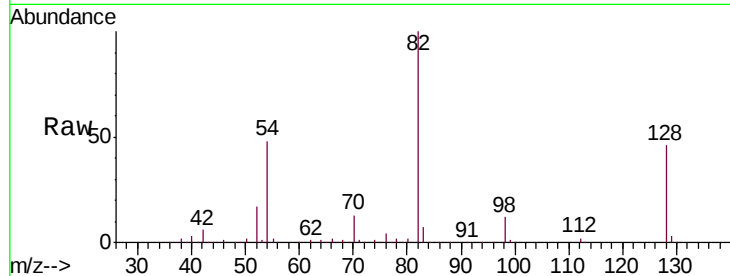




#24
Nitrobenzene
Concen: 0.299 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.07 min
Lab File: BG044080.D
Acq: 17 Jan 2020 18:39

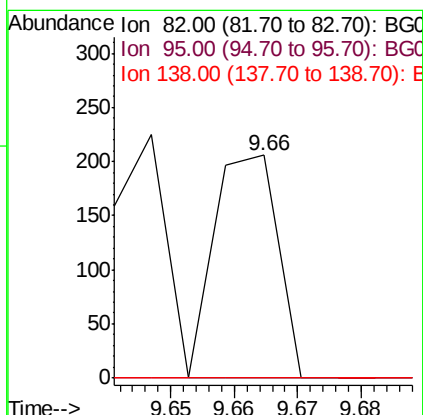
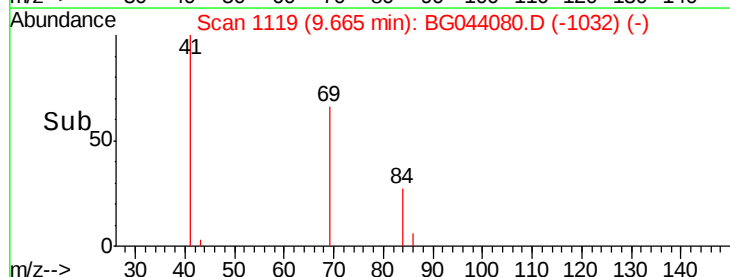
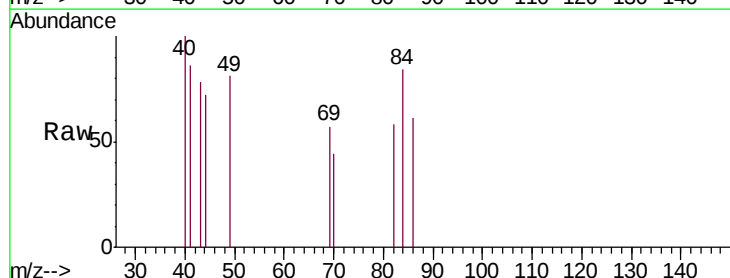
Instrument :
BNA_G
ClientSampleId :
PB126101BL

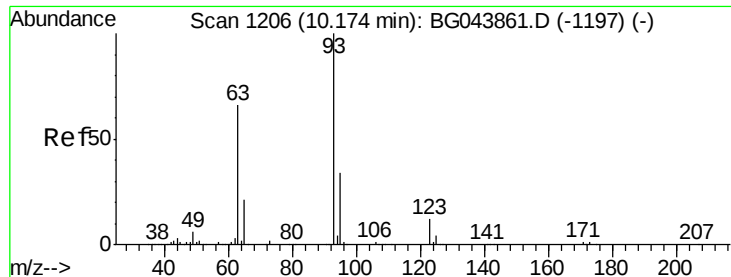
Tgt Ion: 77 Resp: 1800
Ion Ratio Lower Upper
77 100
123 0.0 38.7 58.1#
65 33.1 11.1 16.7#



#25
Isophorone
Concen: 0.012 ng
RT: 9.66 min Scan# 1119
Delta R.T. -0.02 min
Lab File: BG044080.D
Acq: 17 Jan 2020 18:39

Tgt Ion: 82 Resp: 142
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 22.0#

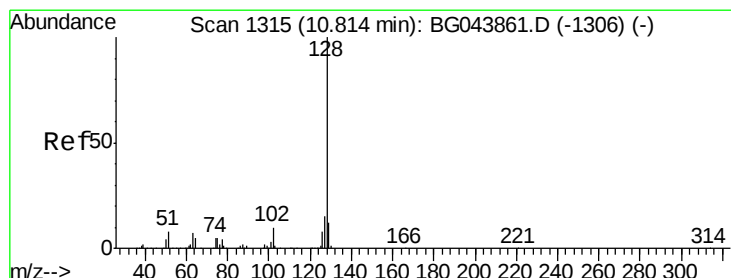
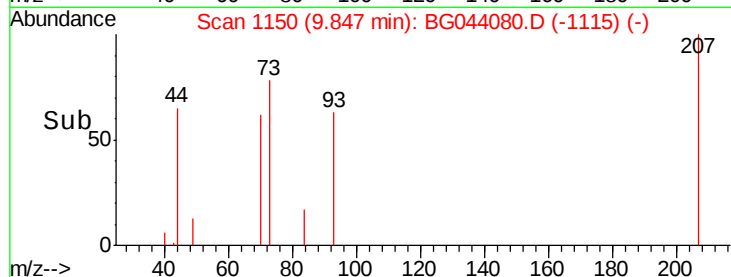
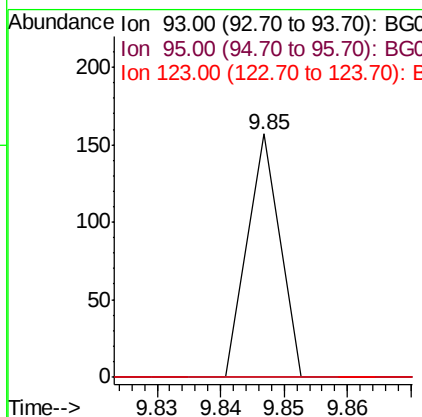
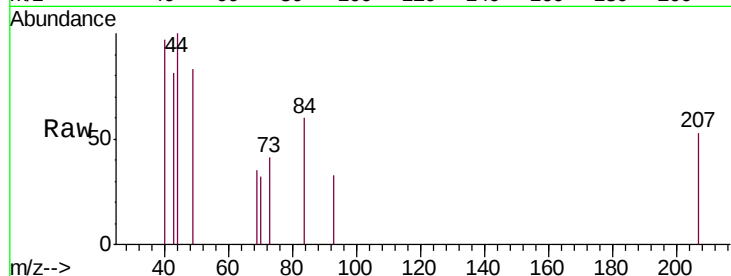




#28
bis(2-Chloroethoxy)methane
Concen: 0.007 ng
RT: 9.85 min Scan# 1150
Delta R.T. -0.33 min
Lab File: BG044080.D
Acq: 17 Jan 2020 18:39

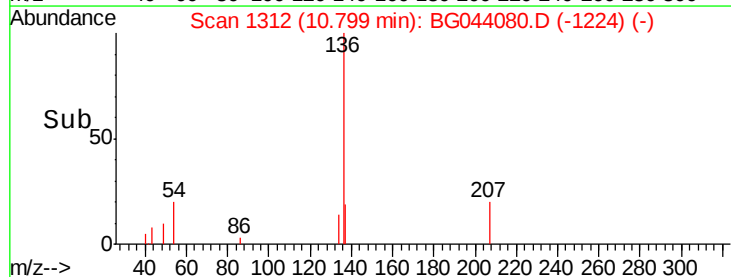
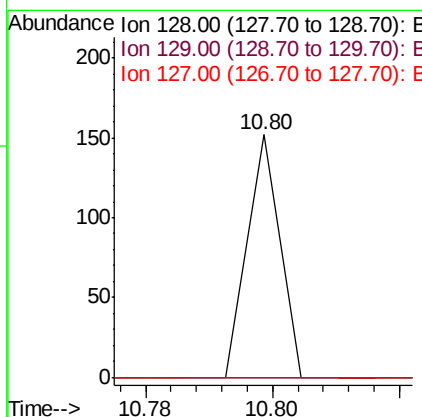
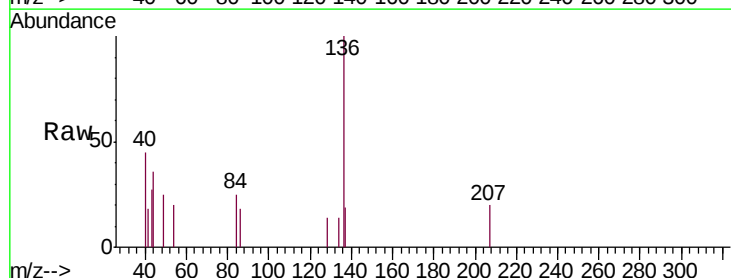
Instrument :
BNA_G
ClientSampleId :
PB126101BL

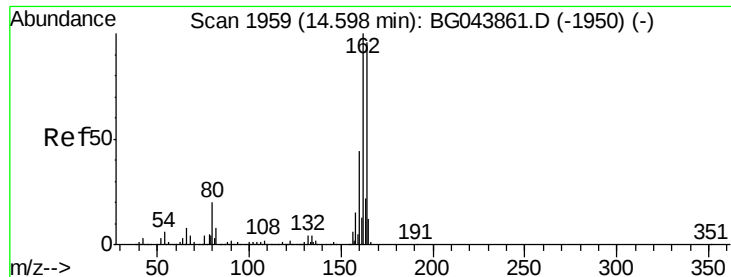
Tgt Ion: 93 Resp: 55
Ion Ratio Lower Upper
93 100
95 0.0 27.2 40.8#
123 0.0 9.7 14.5#



#31
Naphthalene
Concen: 0.003 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG044080.D
Acq: 17 Jan 2020 18:39

Tgt Ion: 128 Resp: 54
Ion Ratio Lower Upper
128 100
129 0.0 9.8 14.6#
127 0.0 12.0 18.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.03 min

Lab File: BG044080.D

Acq: 17 Jan 2020 18:39

Instrument :

BNA_G

ClientSampleId :

PB126101BL

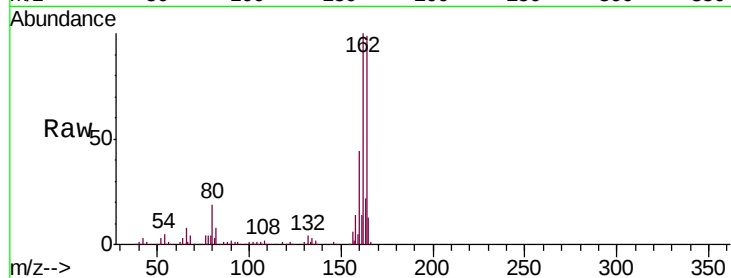
Tgt Ion:164 Resp: 234433

Ion Ratio Lower Upper

164 100

162 101.0 83.0 124.4

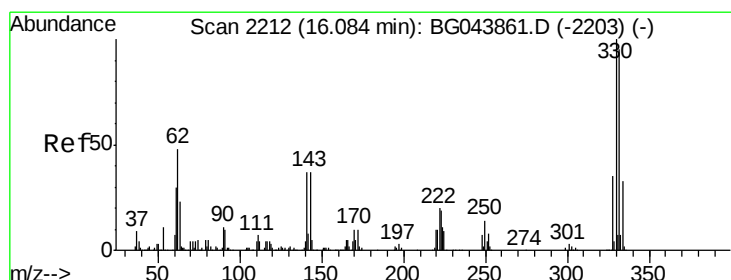
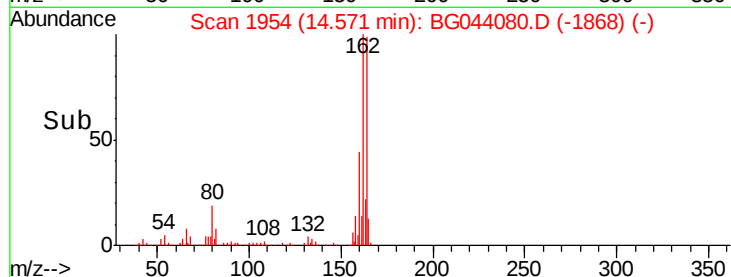
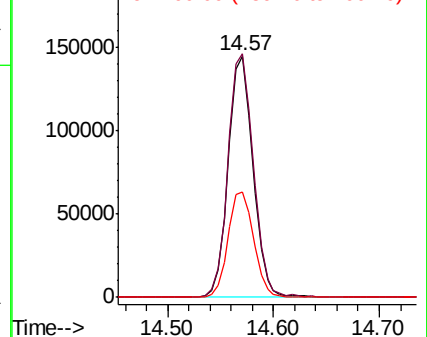
160 44.0 36.1 54.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 165.389 ng

RT: 16.06 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044080.D

Acq: 17 Jan 2020 18:39

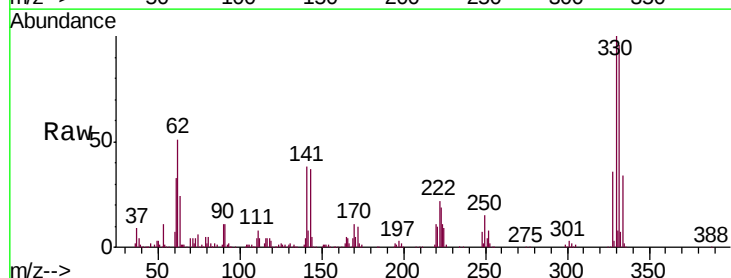
Tgt Ion:330 Resp: 405747

Ion Ratio Lower Upper

330 100

332 96.1 77.2 115.8

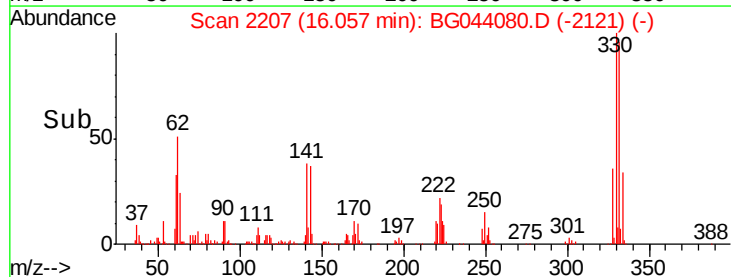
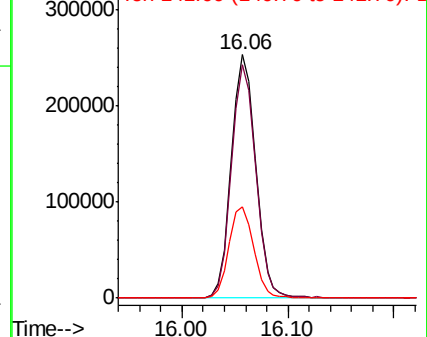
141 38.4 33.1 49.7

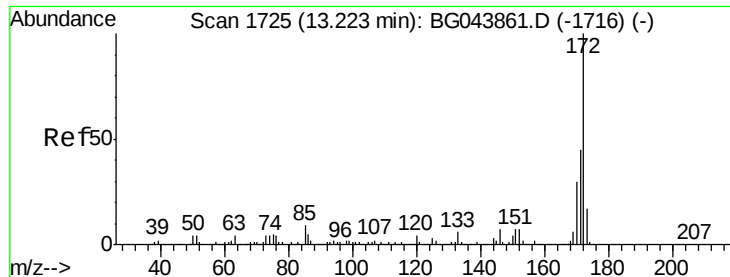


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

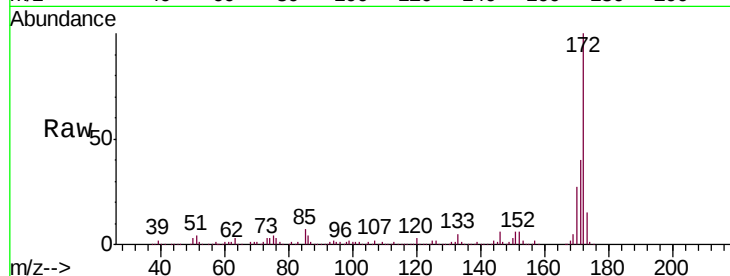




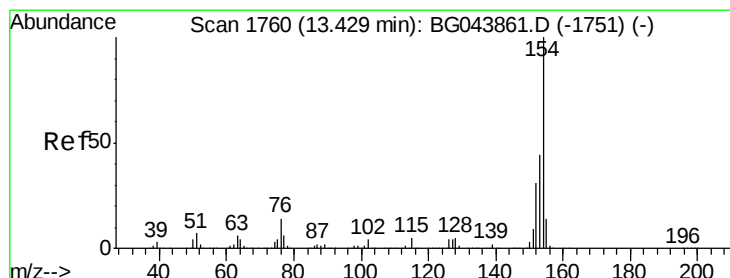
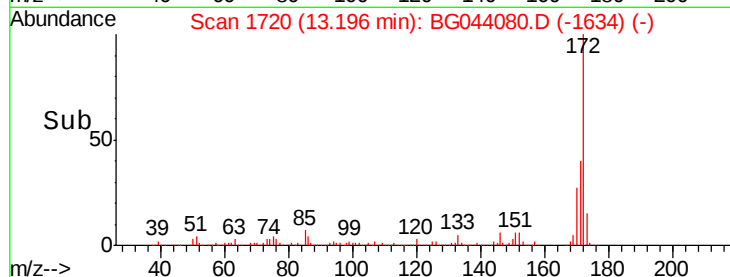
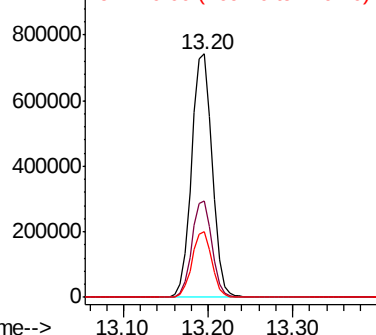
#45
 2-Fluorobiphenyl
 Concen: 97.543 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. -0.03 min
 Lab File: BG044080.D
 Acq: 17 Jan 2020 18:39

Instrument :
 BNA_G
 ClientSampleId :
 PB126101BL

Tgt Ion:172 Resp: 1262147
 Ion Ratio Lower Upper
 172 100
 171 39.5 35.8 53.8
 170 27.2 24.2 36.4

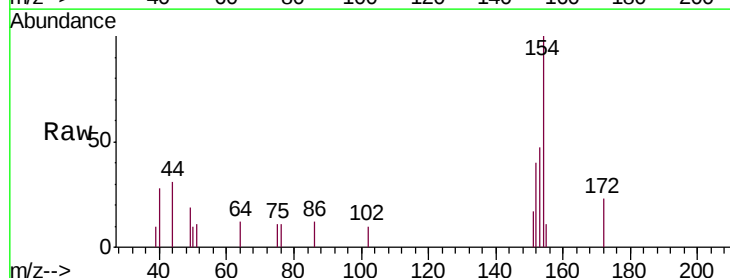


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

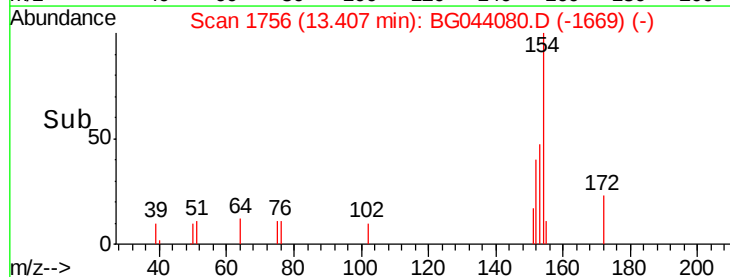
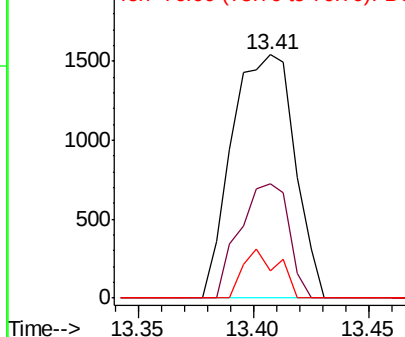


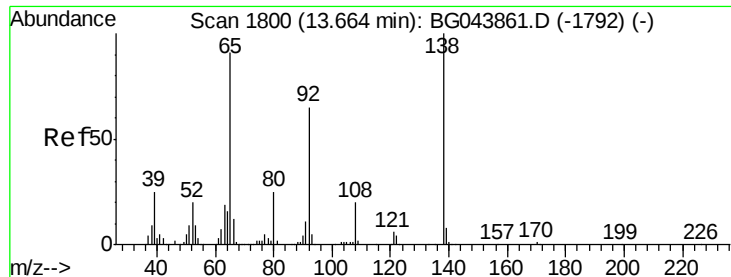
#46
 1,1'-Biphenyl
 Concen: 0.174 ng
 RT: 13.41 min Scan# 1756
 Delta R.T. -0.02 min
 Lab File: BG044080.D
 Acq: 17 Jan 2020 18:39

Tgt Ion:154 Resp: 2922
 Ion Ratio Lower Upper
 154 100
 153 46.8 23.6 63.6
 76 11.0 0.0 34.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

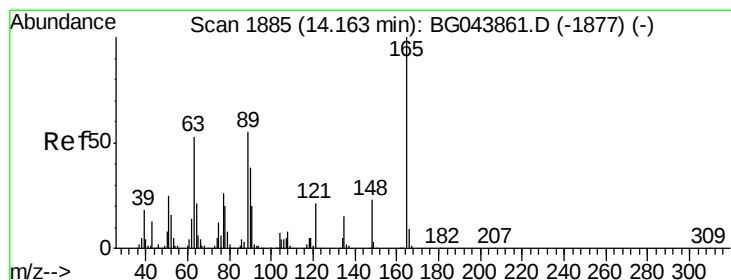
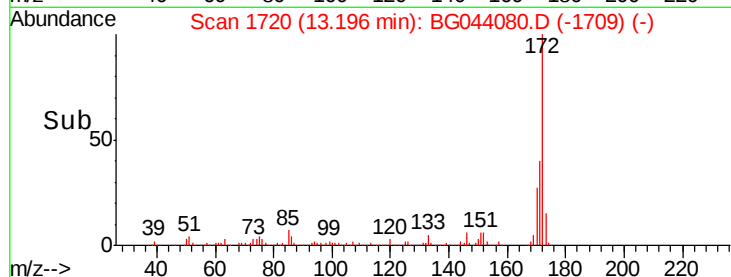
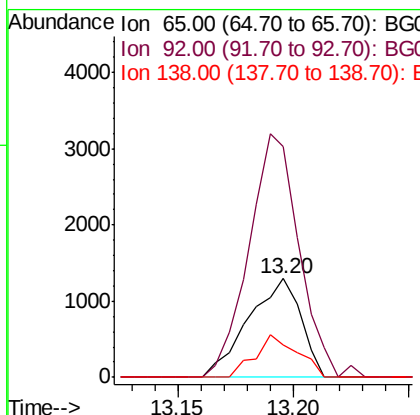
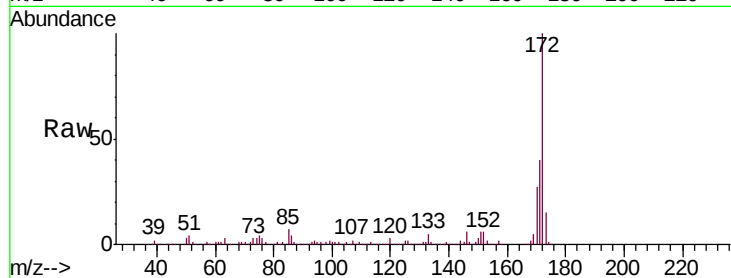




#48
2-Nitroaniline
Concen: 0.467 ng
RT: 13.20 min Scan# 1720
Delta R.T. -0.47 min
Lab File: BG044080.D
Acq: 17 Jan 2020 18:39

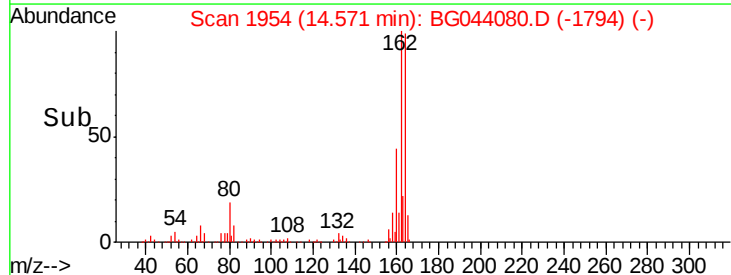
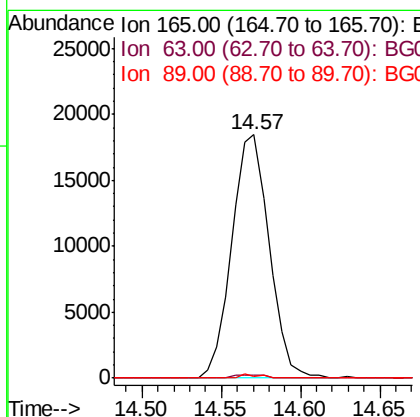
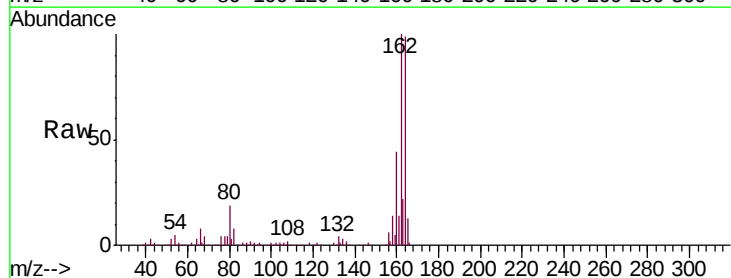
Instrument :
BNA_G
ClientSampleId :
PB126101BL

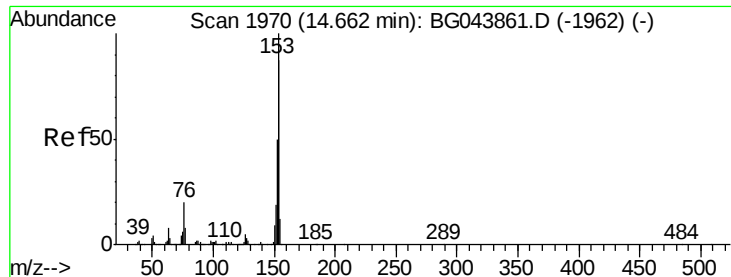
Tgt Ion: 65 Resp: 2041
Ion Ratio Lower Upper
65 100
92 233.8 57.4 86.2#
138 32.6 88.2 132.4#



#51
2,6-Dinitrotoluene
Concen: 8.016 ng
RT: 14.57 min Scan# 1954
Delta R.T. 0.41 min
Lab File: BG044080.D
Acq: 17 Jan 2020 18:39

Tgt Ion: 165 Resp: 30159
Ion Ratio Lower Upper
165 100
63 1.0 43.1 64.7#
89 0.9 43.8 65.6#





#52

Acenaphthene

Concen: 0.072 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.10 min

Lab File: BG044080.D

Acq: 17 Jan 2020 18:39

Instrument :

BNA_G

ClientSampleId :

PB126101BL

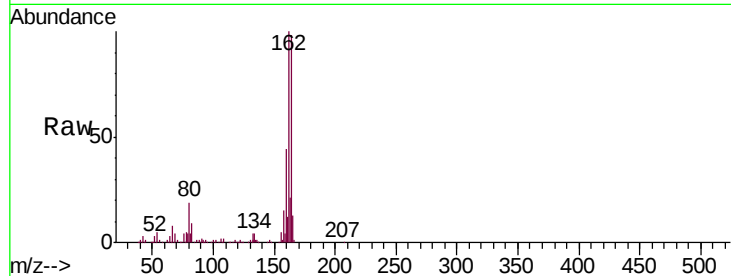
Tgt Ion:154 Resp: 981

Ion Ratio Lower Upper

154 100

153 0.0 91.6 137.4#

152 0.0 45.4 68.0#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

14.56

800

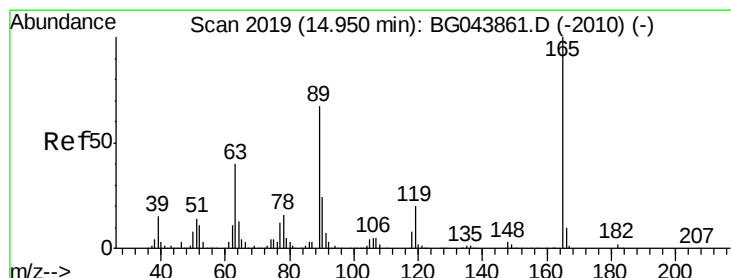
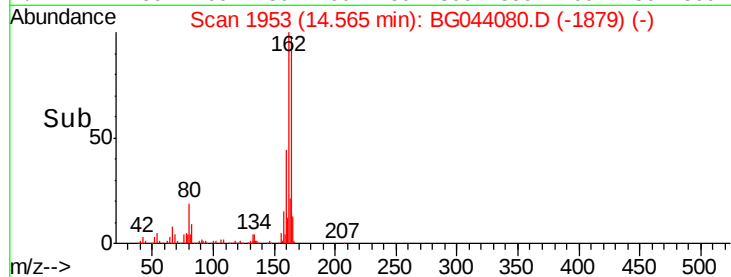
600

400

200

0

Time-->



#57

2,4-Dinitrotoluene

Concen: 5.891 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.38 min

Lab File: BG044080.D

Acq: 17 Jan 2020 18:39

Tgt Ion:165 Resp: 30159

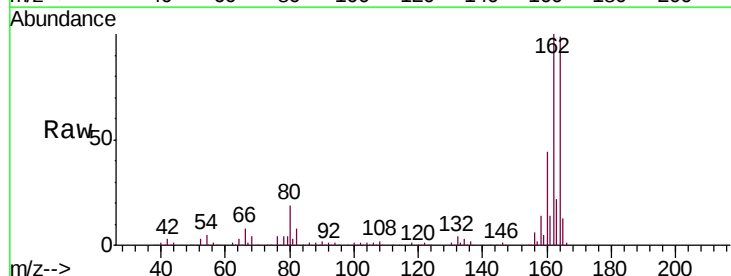
Ion Ratio Lower Upper

165 100

63 1.0 31.9 47.9#

89 0.9 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

14.57

25000

20000

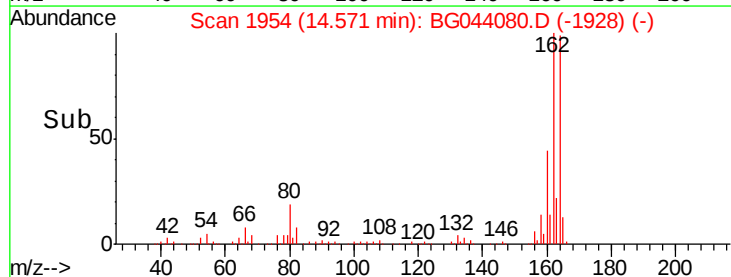
15000

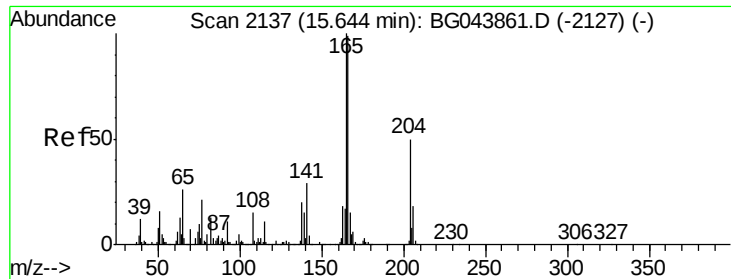
10000

5000

0

Time-->





#58

Fluorene

Concen: 1.227 ng

RT: 16.06 min Scan# 2207

Delta R.T. 0.41 min

Lab File: BG044080.D

Acq: 17 Jan 2020 18:39

Instrument :

BNA_G

ClientSampleId :

PB126101BL

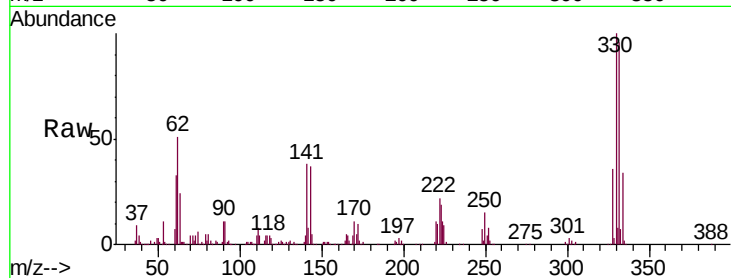
Tgt Ion:166 Resp: 18336

Ion Ratio Lower Upper

166 100

165 105.7 80.8 121.2

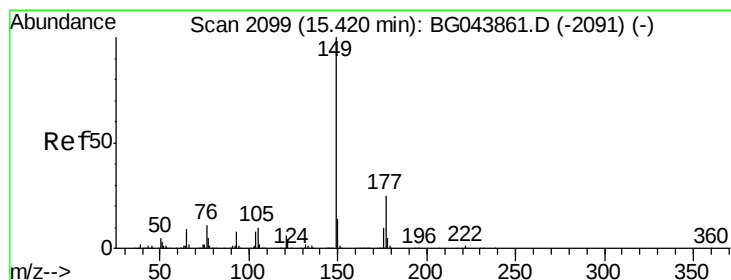
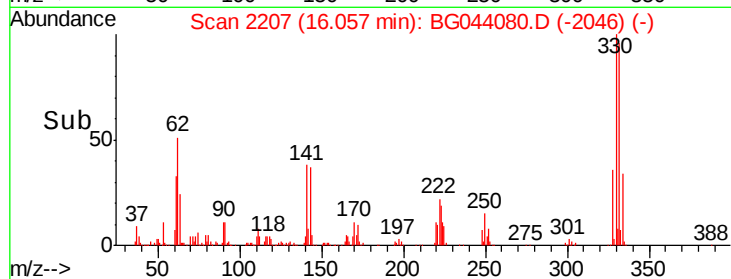
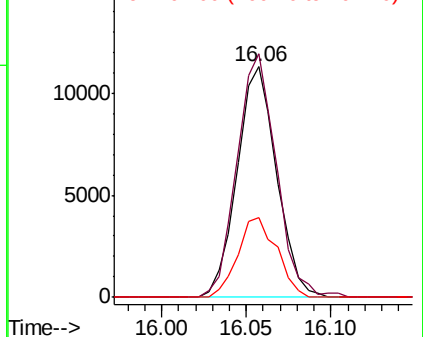
167 34.8 12.1 18.1#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

Diethylphthalate

Concen: 0.010 ng

RT: 15.39 min Scan# 2093

Delta R.T. -0.03 min

Lab File: BG044080.D

Acq: 17 Jan 2020 18:39

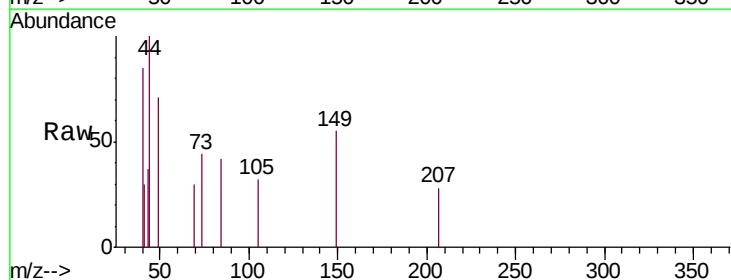
Tgt Ion:149 Resp: 168

Ion Ratio Lower Upper

149 100

177 0.0 20.0 30.0#

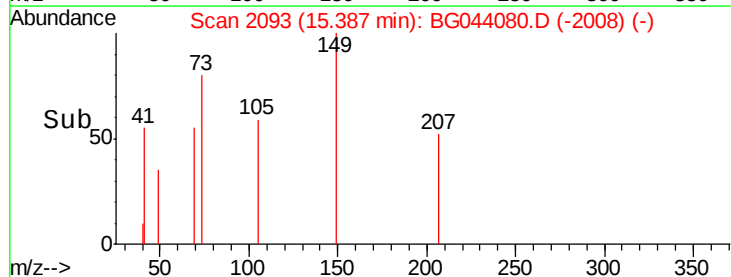
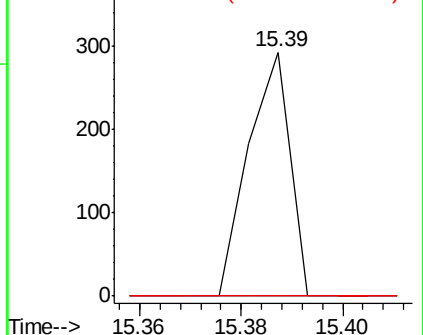
150 0.0 11.1 16.7#

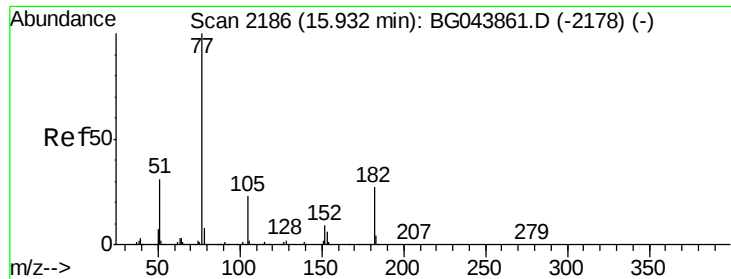


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#63

Azobenzene

Concen: 0.155 ng

RT: 16.06 min Scan# 2207

Delta R.T. 0.13 min

Lab File: BG044080.D

Acq: 17 Jan 2020 18:39

Instrument :

BNA_G

ClientSampleId :

PB126101BL

Tgt Ion: 77 Resp: 2400

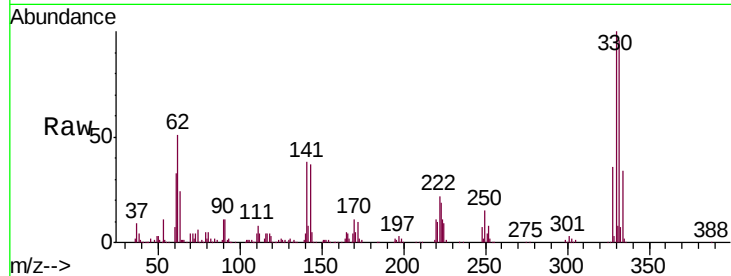
Ion Ratio Lower Upper

77 100

182 0.0 7.3 47.3#

105 98.1 3.2 43.2#

51 99.4 10.6 50.6#

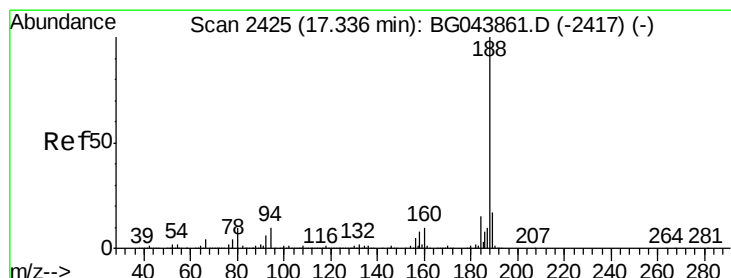
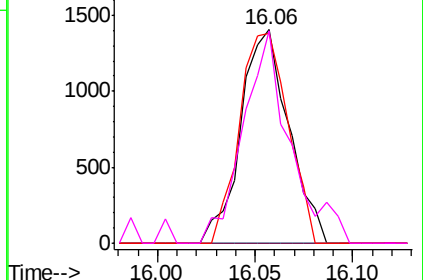
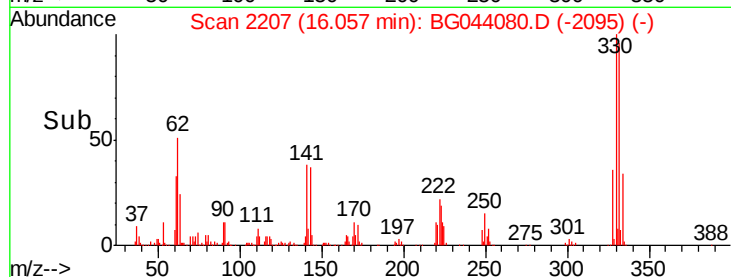


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2421

Delta R.T. -0.02 min

Lab File: BG044080.D

Acq: 17 Jan 2020 18:39

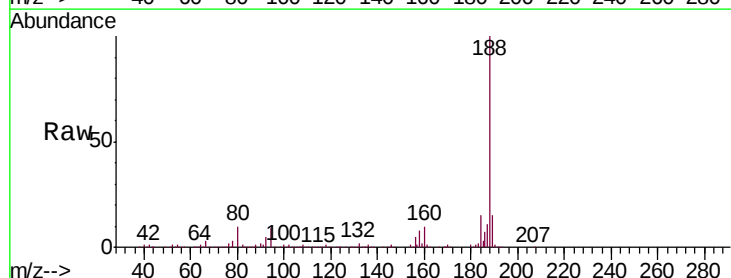
Tgt Ion: 188 Resp: 520909

Ion Ratio Lower Upper

188 100

94 8.7 7.9 11.9

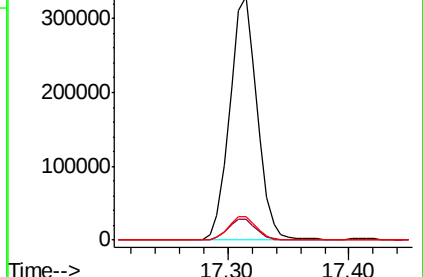
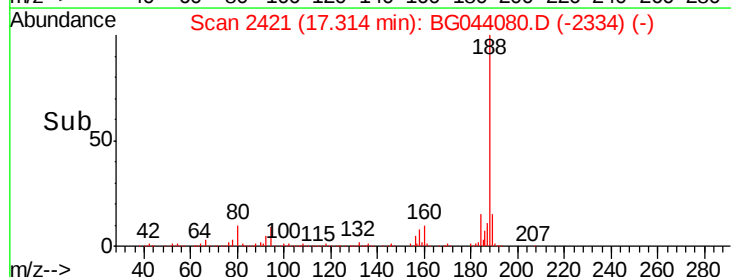
80 9.8 8.2 12.4

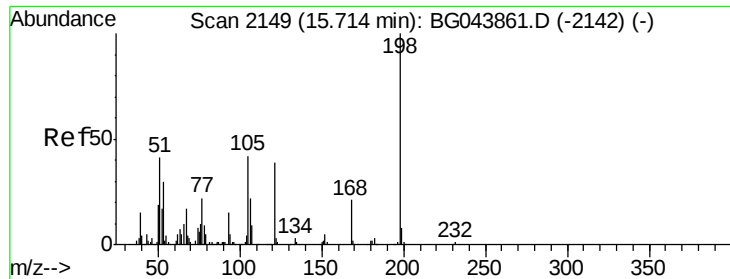


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

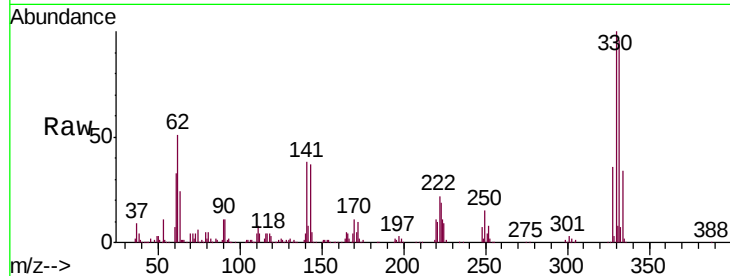




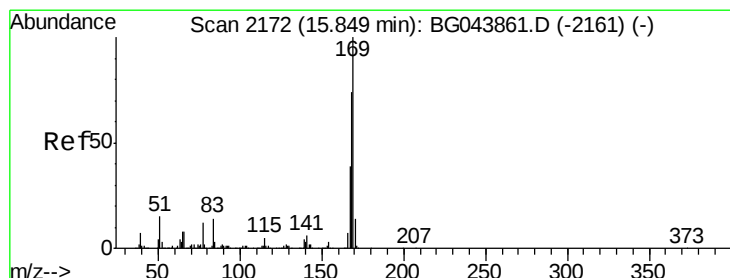
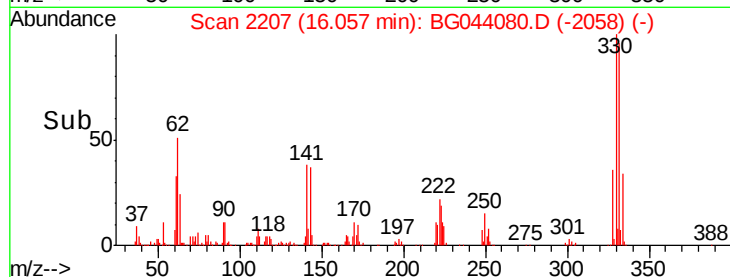
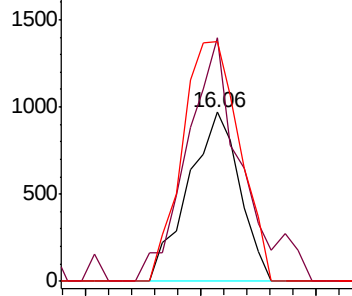
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.898 ng
 RT: 16.06 min Scan# 2207
 Delta R.T. 0.34 min
 Lab File: BG044080.D
 Acq: 17 Jan 2020 18:39

Instrument :
 BNA_G
 ClientSampleId :
 PB126101BL

Tgt Ion:198 Resp: 1501
 Ion Ratio Lower Upper
 198 100
 51 143.9 22.5 62.5#
 105 142.1 22.3 62.3#

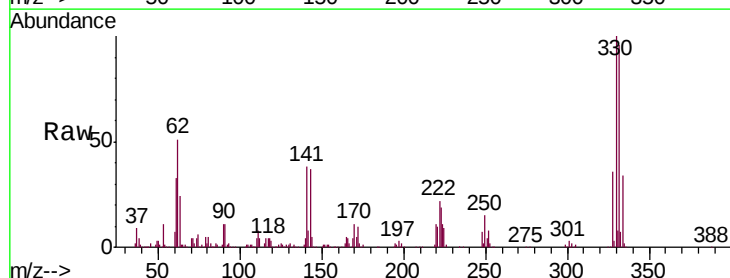


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

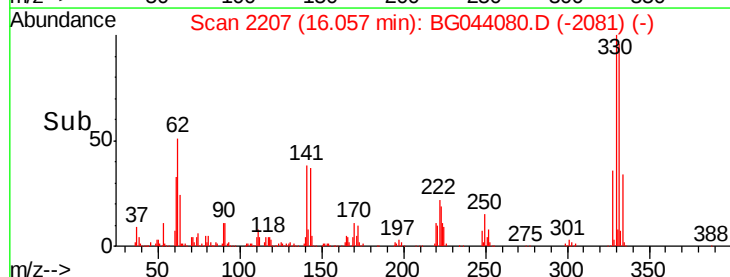
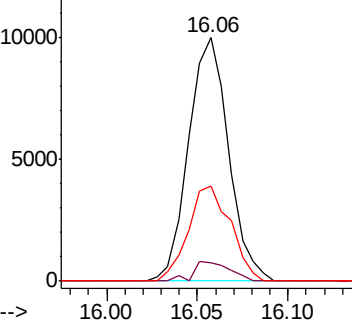


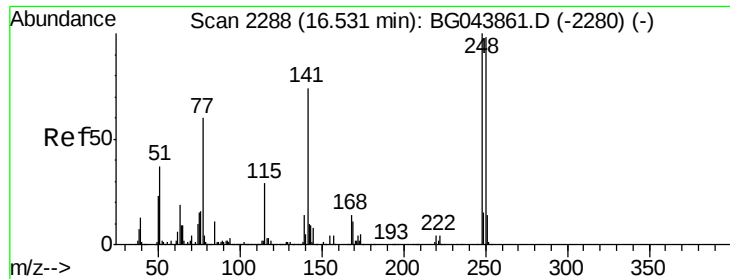
#66
 n-Nitrosodiphenylamine
 Concen: 1.000 ng
 RT: 16.06 min Scan# 2207
 Delta R.T. 0.21 min
 Lab File: BG044080.D
 Acq: 17 Jan 2020 18:39

Tgt Ion:169 Resp: 15347
 Ion Ratio Lower Upper
 169 100
 168 7.6 59.0 88.6#
 167 39.2 31.4 47.0



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

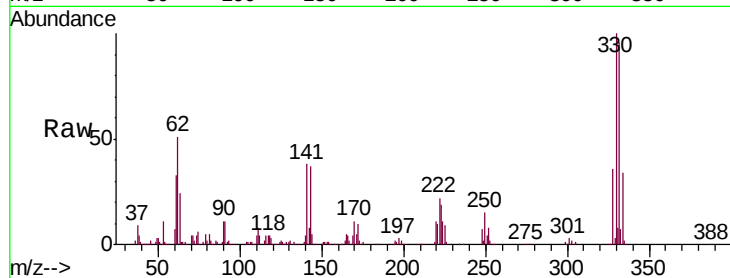




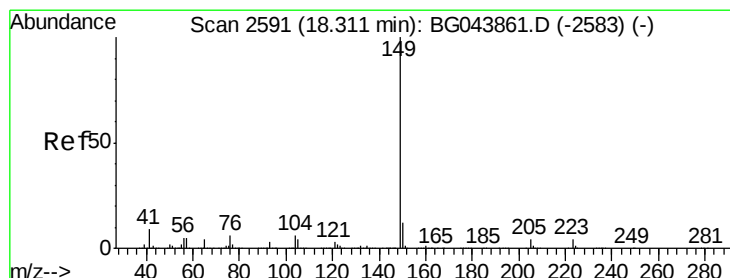
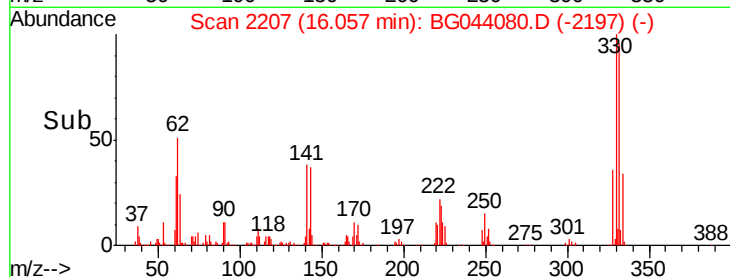
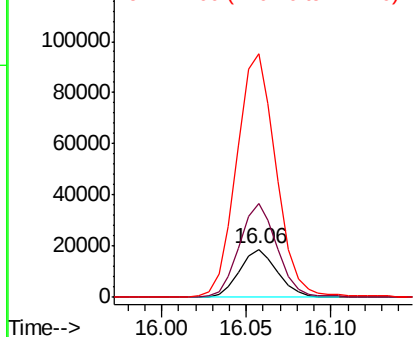
#67
4-Bromophenyl-phenylether
Concen: 4.998 ng
RT: 16.06 min Scan# 2207
Delta R.T. -0.47 min
Lab File: BG044080.D
Acq: 17 Jan 2020 18:39

Instrument :
BNA_G
ClientSampleId :
PB126101BL

Tgt Ion:248 Resp: 29281
Ion Ratio Lower Upper
248 100
250 197.1 78.2 117.2#
141 508.5 59.3 88.9#

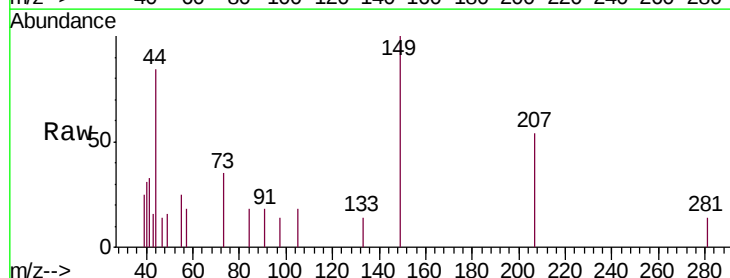


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

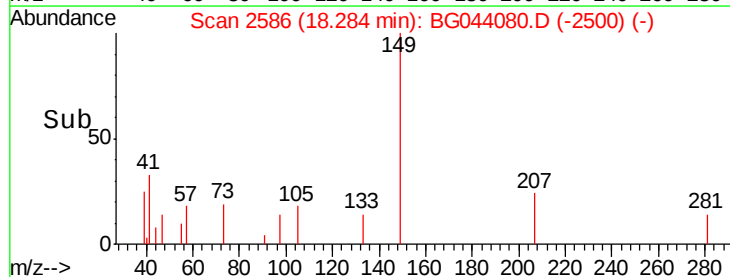
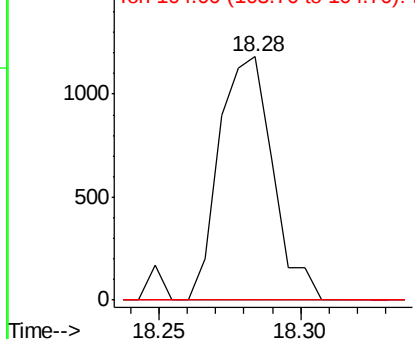


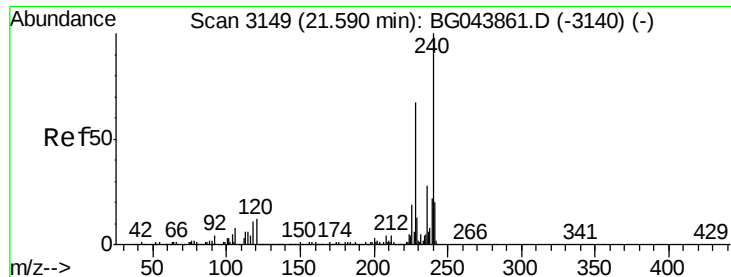
#74
Di-n-butylphthalate
Concen: 0.053 ng
RT: 18.28 min Scan# 2586
Delta R.T. -0.03 min
Lab File: BG044080.D
Acq: 17 Jan 2020 18:39

Tgt Ion:149 Resp: 1553
Ion Ratio Lower Upper
149 100
150 0.0 9.7 14.5#
104 0.0 5.0 7.4#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

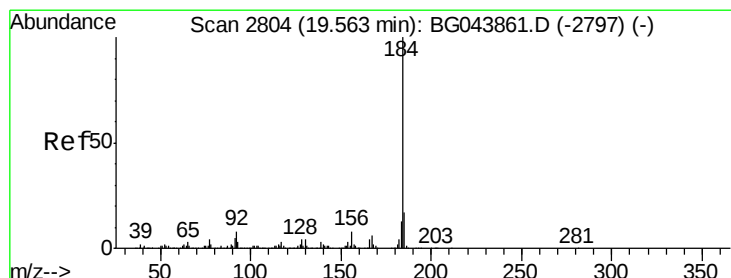
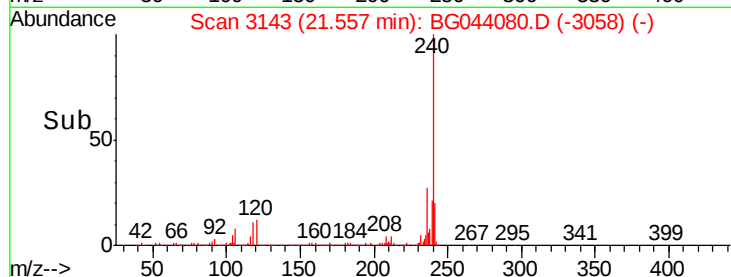
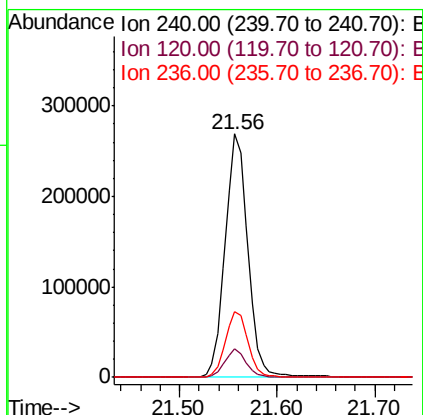
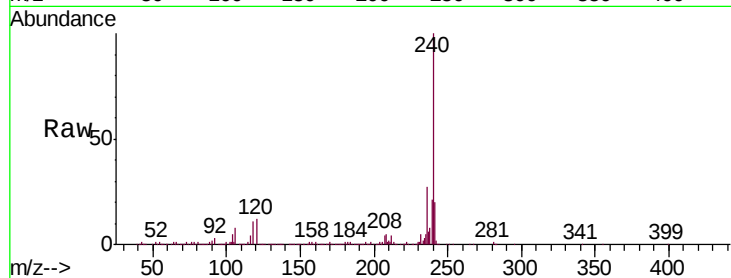




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3143
Delta R.T. -0.03 min
Lab File: BG044080.D
Acq: 17 Jan 2020 18:39

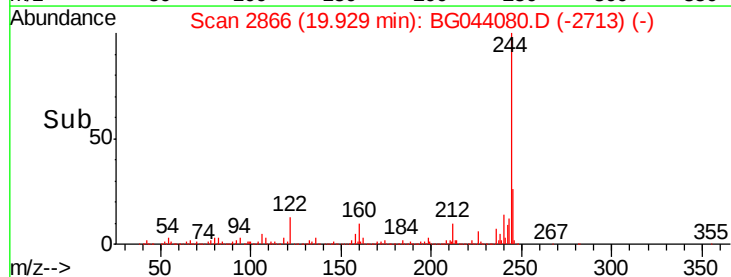
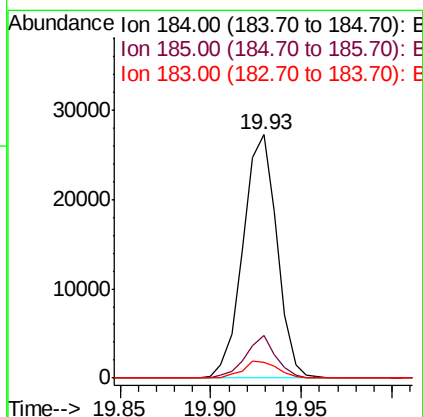
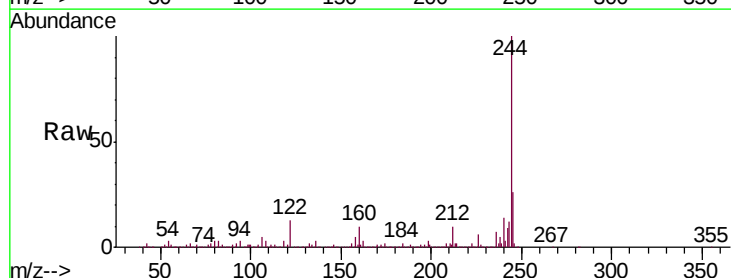
Instrument :
BNA_G
ClientSampleId :
PB126101BL

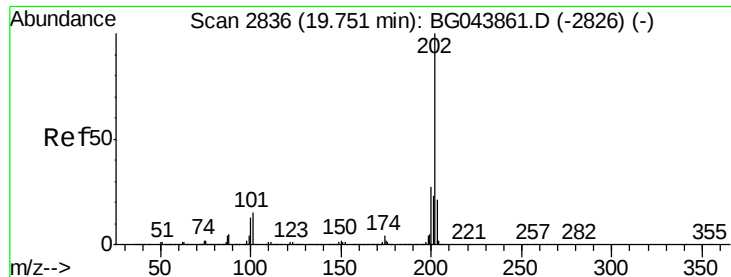
Tgt Ion:240 Resp: 436550
Ion Ratio Lower Upper
240 100
120 11.6 9.6 14.4
236 27.2 22.2 33.2



#77
Benzidine
Concen: 3.232 ng
RT: 19.93 min Scan# 2866
Delta R.T. 0.37 min
Lab File: BG044080.D
Acq: 17 Jan 2020 18:39

Tgt Ion:184 Resp: 35466
Ion Ratio Lower Upper
184 100
185 17.5 13.4 20.0
183 6.5 10.6 15.8#





#78

Pyrene

Concen: 0.269 ng

RT: 19.93 min Scan# 2866

Delta R.T. 0.18 min

Lab File: BG044080.D

Acq: 17 Jan 2020 18:39

Instrument :

BNA_G

ClientSampleId :

PB126101BL

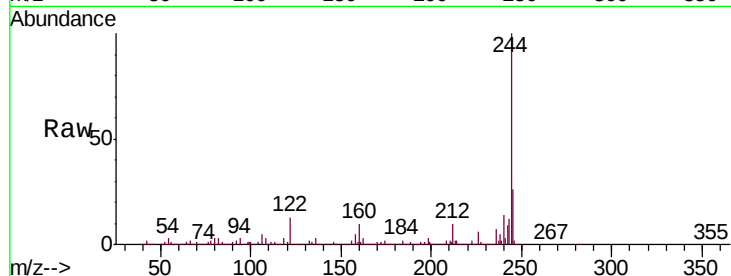
Tgt Ion:202 Resp: 7664

Ion Ratio Lower Upper

202 100

200 49.6 21.7 32.5#

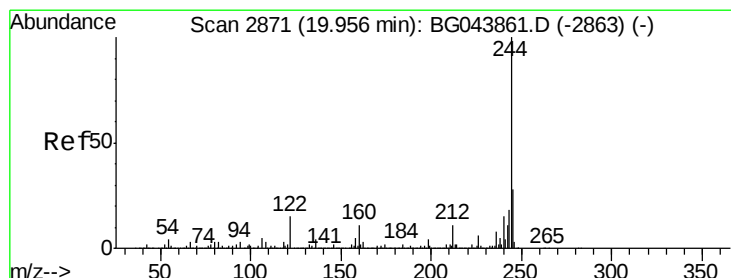
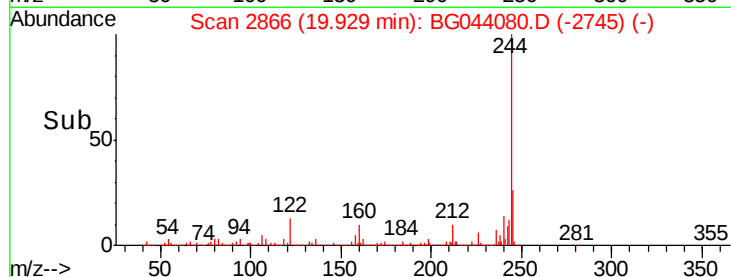
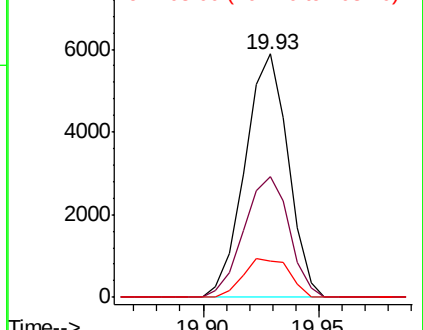
203 15.1 17.0 25.6#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 119.799 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044080.D

Acq: 17 Jan 2020 18:39

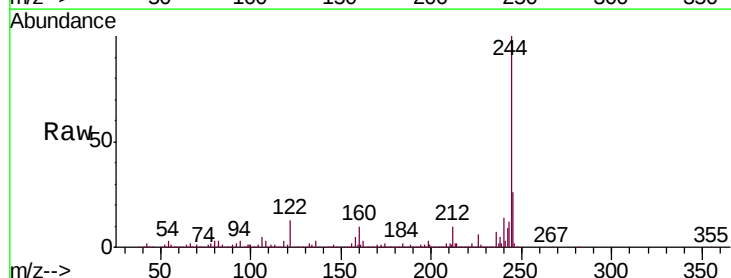
Tgt Ion:244 Resp: 1959840

Ion Ratio Lower Upper

244 100

212 9.6 8.6 13.0

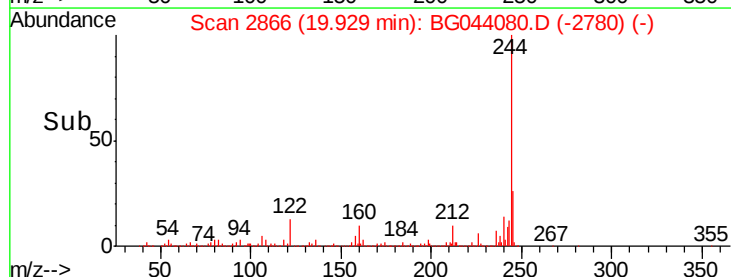
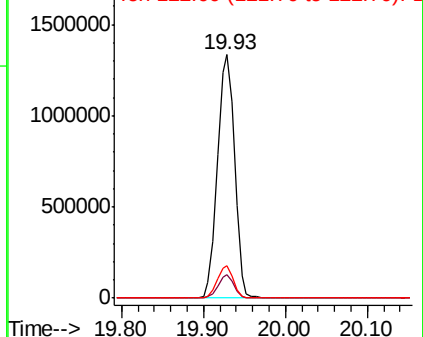
122 13.3 11.9 17.9

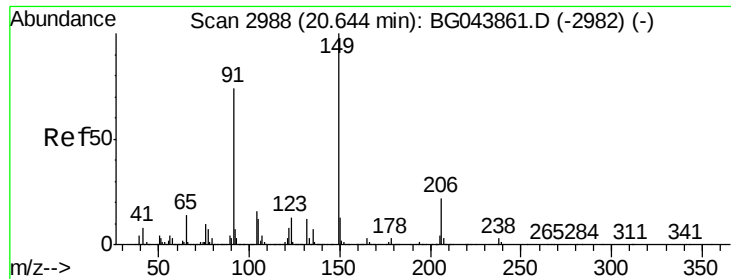


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

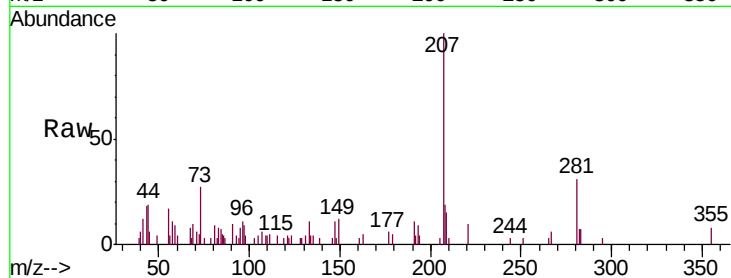




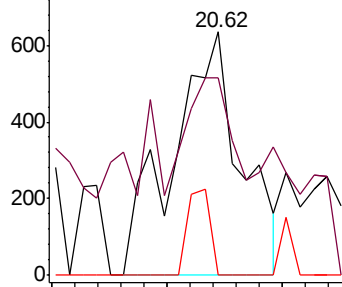
#80
Butylbenzylphthalate
Concen: 0.096 ng
RT: 20.62 min Scan# 2984
Delta R.T. -0.02 min
Lab File: BG044080.D
Acq: 17 Jan 2020 18:39

Instrument :
BNA_G
ClientSampleId :
PB126101BL

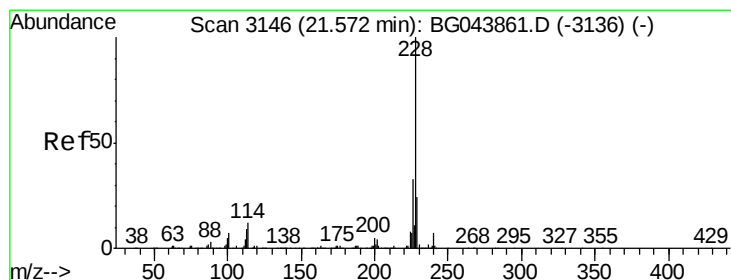
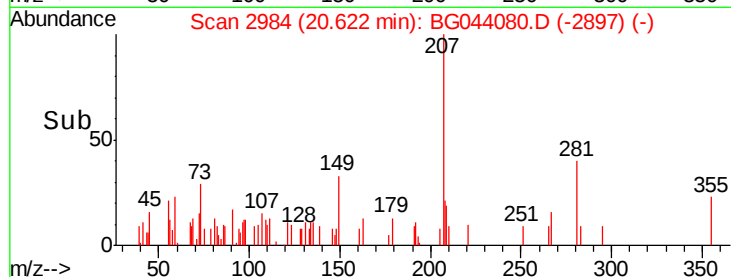
Tgt Ion:149 Resp: 1307
Ion Ratio Lower Upper
149 100
91 80.9 59.5 89.3
206 0.0 17.8 26.6#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

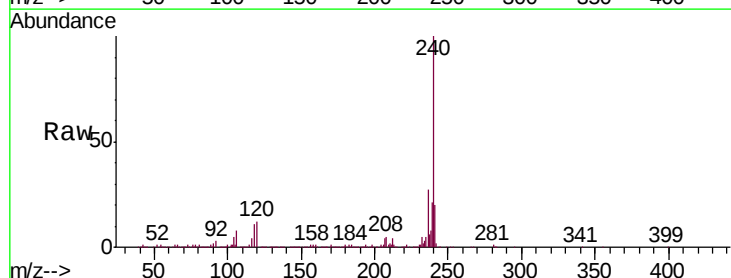


Time--> 20.55 20.60 20.65

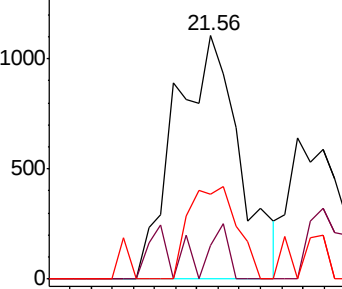


#81
Benzo(a)anthracene
Concen: 0.086 ng
RT: 21.56 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG044080.D
Acq: 17 Jan 2020 18:39

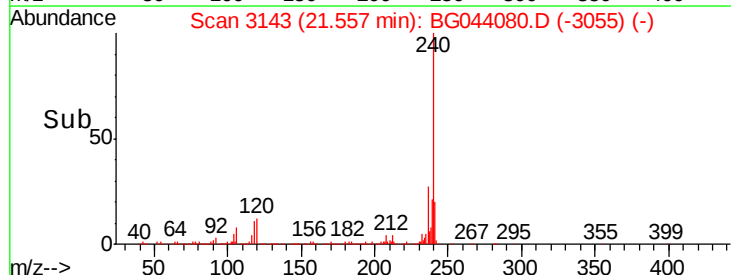
Tgt Ion:228 Resp: 2327
Ion Ratio Lower Upper
228 100
226 13.9 26.2 39.4#
229 34.7 18.9 28.3#

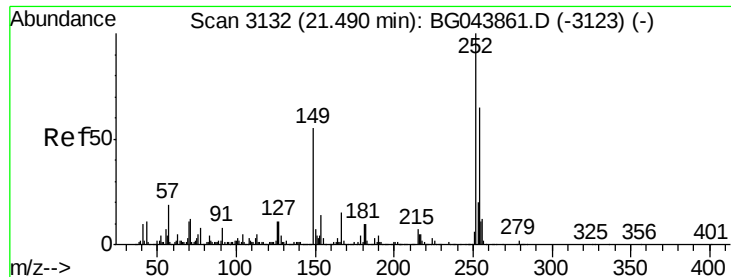


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time--> 21.50 21.55 21.60

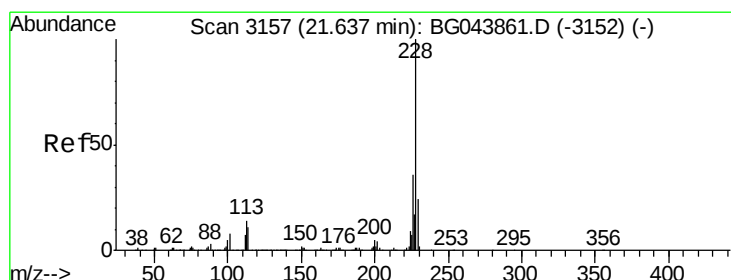
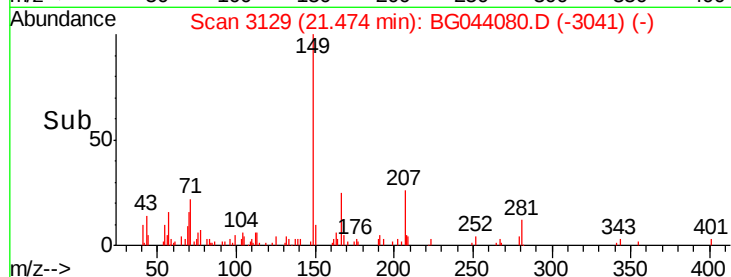
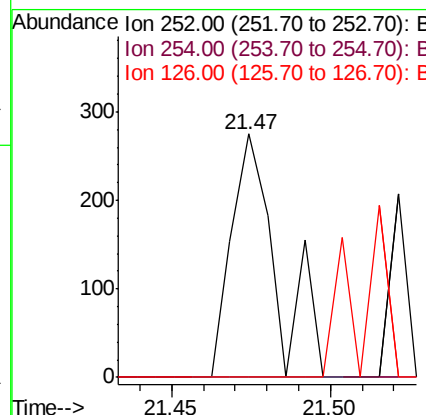
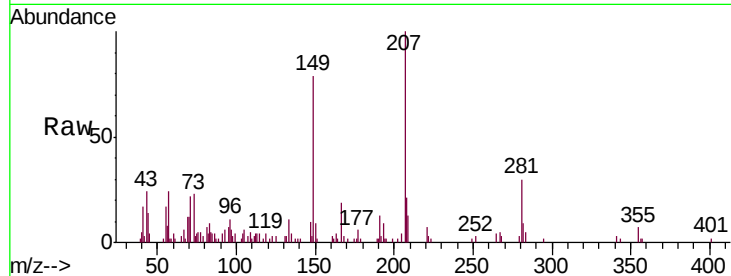




#82
 3,3'-Dichlorobenzidine
 Concen: 0.025 ng
 RT: 21.47 min Scan# 3129
 Delta R.T. -0.02 min
 Lab File: BG044080.D
 Acq: 17 Jan 2020 18:39

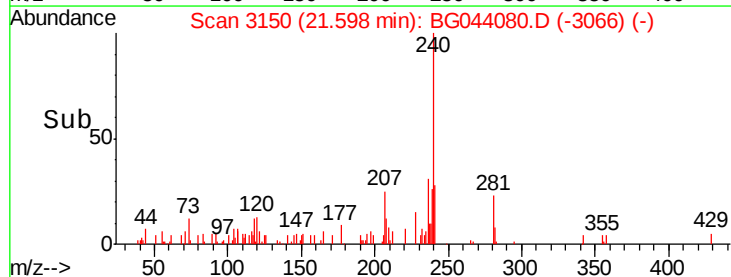
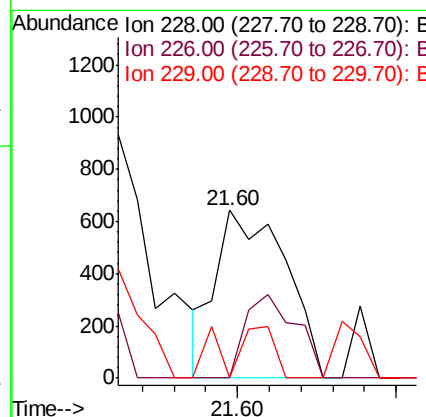
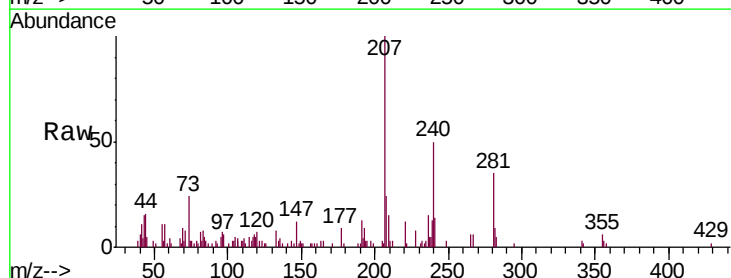
Instrument :
 BNA_G
 ClientSampleId :
 PB126101BL

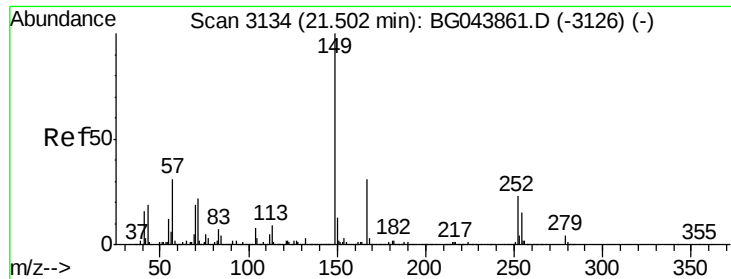
Tgt Ion: 252 Resp: 271
 Ion Ratio Lower Upper
 252 100
 254 0.0 52.1 78.1#
 126 0.0 9.1 13.7#



#83
 Chrysene
 Concen: 0.038 ng
 RT: 21.60 min Scan# 3150
 Delta R.T. -0.04 min
 Lab File: BG044080.D
 Acq: 17 Jan 2020 18:39

Tgt Ion: 228 Resp: 977
 Ion Ratio Lower Upper
 228 100
 226 0.0 28.8 43.2#
 229 0.0 19.0 28.6#

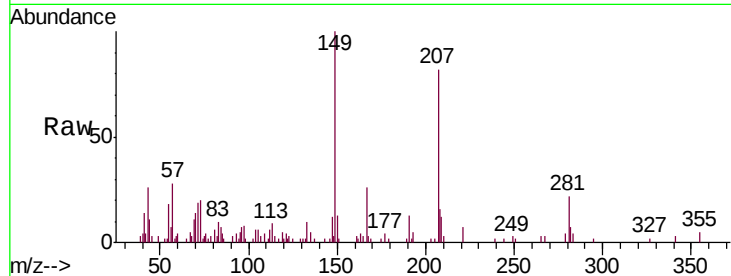




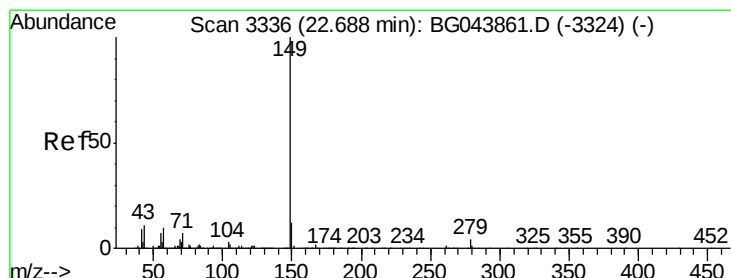
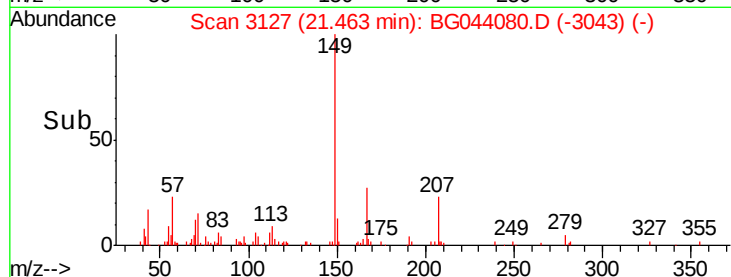
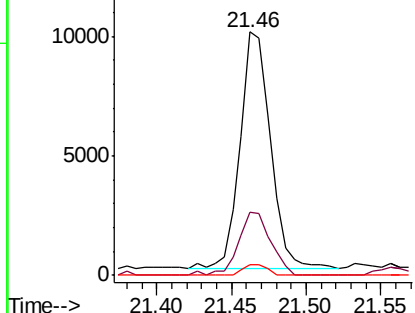
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.751 ng
 RT: 21.46 min Scan# 3127
 Delta R.T. -0.04 min
 Lab File: BG044080.D
 Acq: 17 Jan 2020 18:39

Instrument :
 BNA_G
 ClientSampled :
 PB126101BL

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.9	24.7	37.1
279	4.5	3.3	4.9

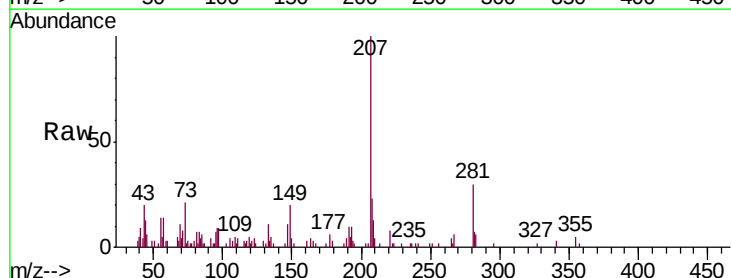


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

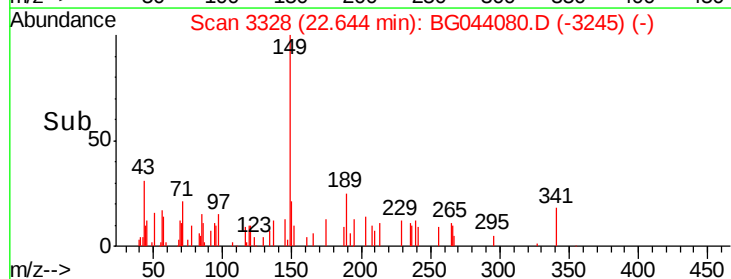
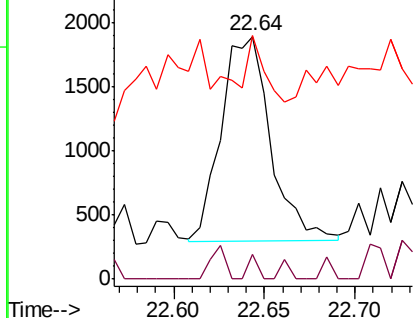


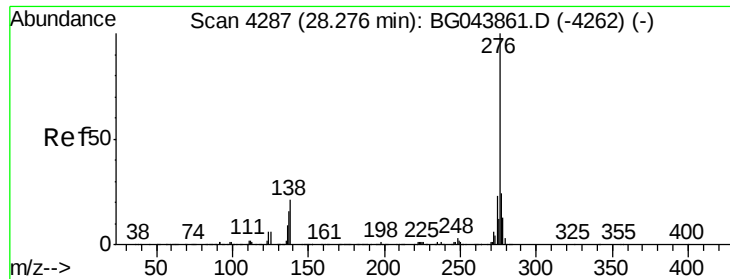
#85
 Di-n-octyl phthalate
 Concen: 0.096 ng
 RT: 22.64 min Scan# 3328
 Delta R.T. -0.04 min
 Lab File: BG044080.D
 Acq: 17 Jan 2020 18:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	2.2	1.4	2.0#
43	0.0	8.8	13.2#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BGC

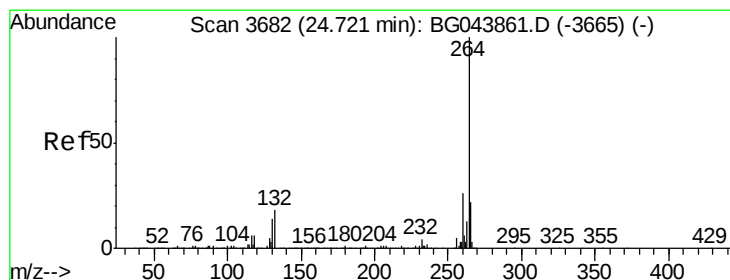
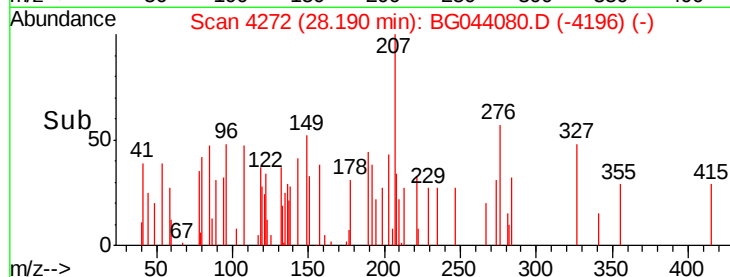
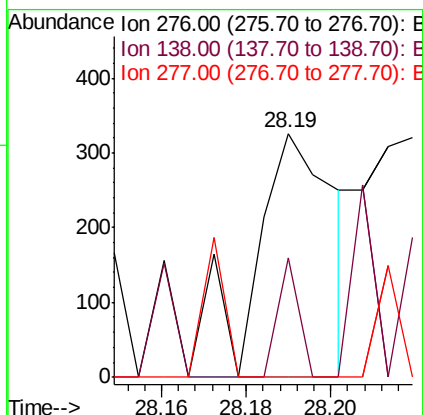
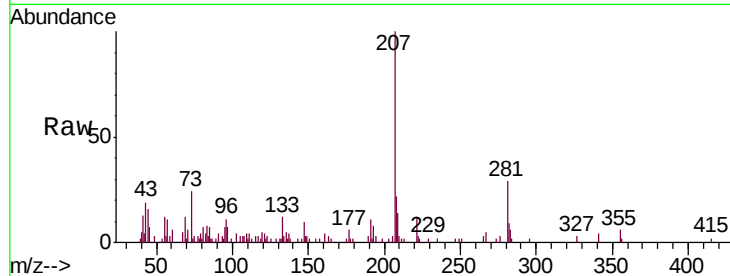




#86
Indeno(1,2,3-cd)pyrene
Concen: 0.012 ng
RT: 28.19 min Scan# 4272
Delta R.T. -0.09 min
Lab File: BG044080.D
Acq: 17 Jan 2020 18:39

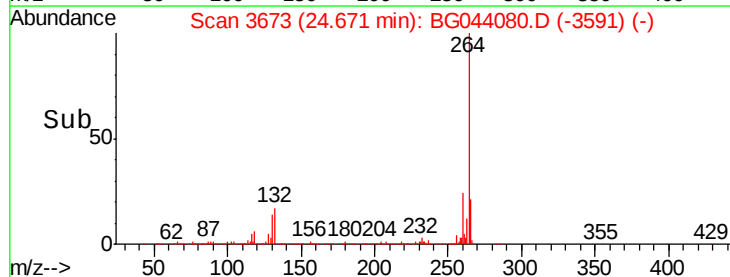
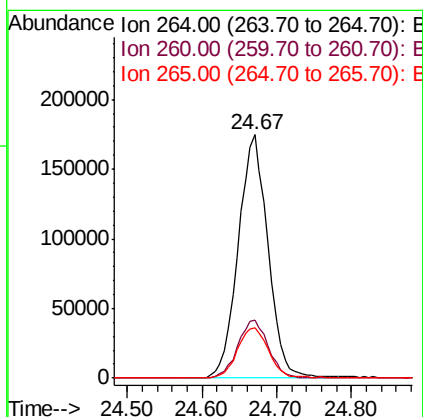
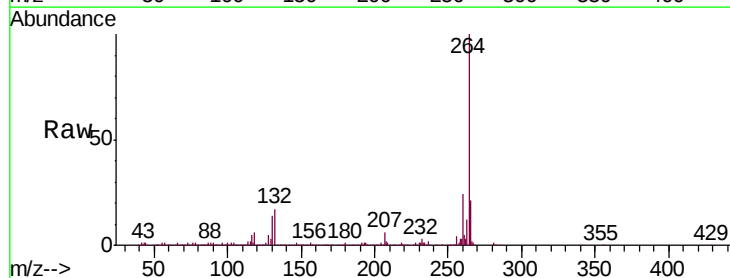
Instrument :
BNA_G
ClientSampleId :
PB126101BL

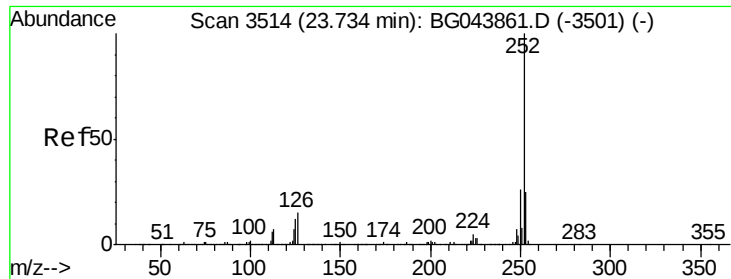
Tgt Ion: 276 Resp: 432
Ion Ratio Lower Upper
276 100
138 13.0 21.0 31.4#
277 0.0 21.1 31.7#



#87
Perylene-d12
Concen: 20.000 ng
RT: 24.67 min Scan# 3673
Delta R.T. -0.05 min
Lab File: BG044080.D
Acq: 17 Jan 2020 18:39

Tgt Ion: 264 Resp: 483480
Ion Ratio Lower Upper
264 100
260 23.8 20.4 30.6
265 20.7 17.4 26.2





#88

Benzo(b)fluoranthene

Concen: 0.101 ng

RT: 23.68 min Scan# 3505

Delta R.T. -0.05 min

Lab File: BG044080.D

Acq: 17 Jan 2020 18:39

Instrument :

BNA_G

ClientSampleId :

PB126101BL

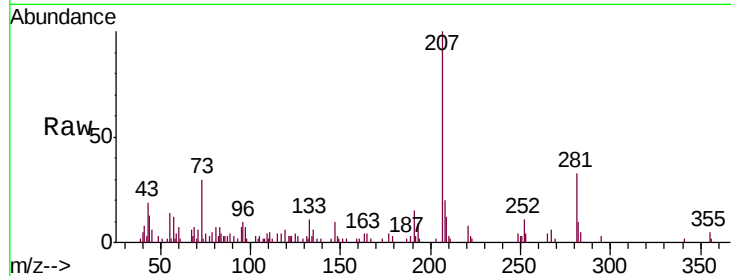
Tgt Ion:252 Resp: 2886

Ion Ratio Lower Upper

252 100

253 40.1 19.7 29.5#

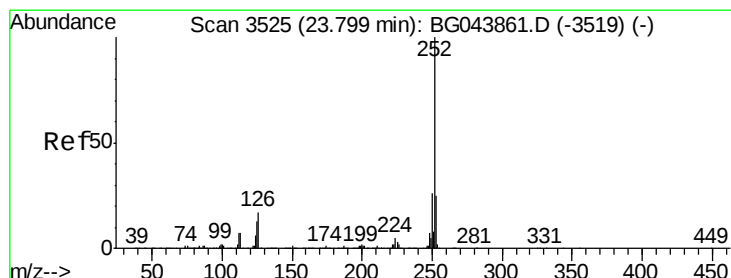
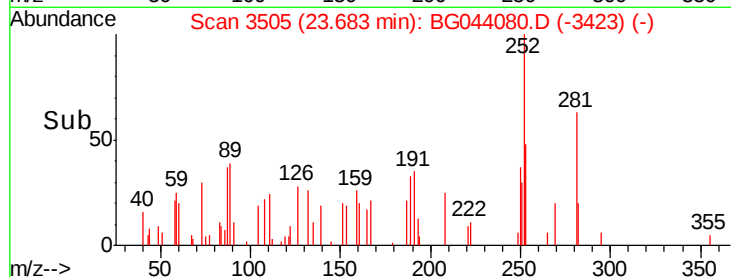
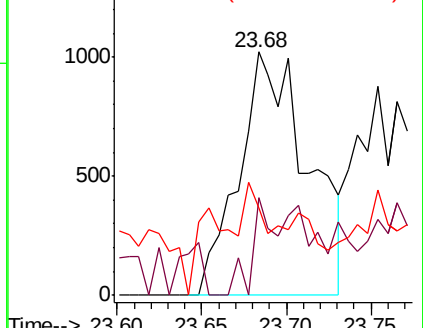
125 36.0 9.4 14.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 0.015 ng

RT: 23.75 min Scan# 3517

Delta R.T. -0.04 min

Lab File: BG044080.D

Acq: 17 Jan 2020 18:39

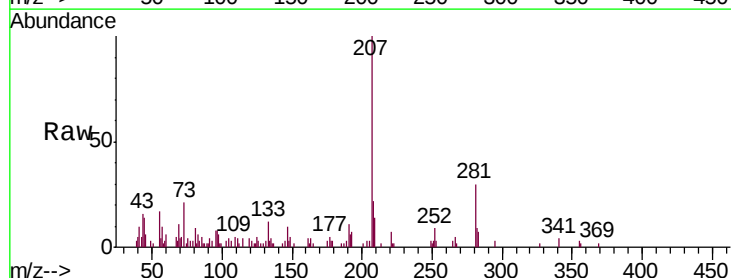
Tgt Ion:252 Resp: 408

Ion Ratio Lower Upper

252 100

253 36.6 19.4 29.2#

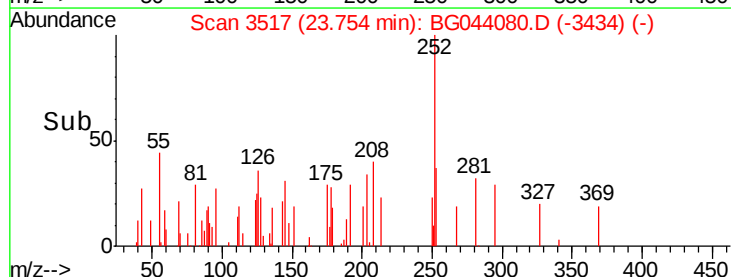
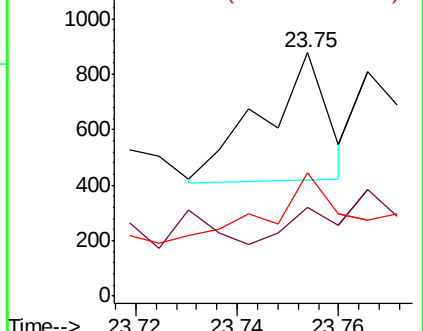
125 50.6 9.9 14.9#

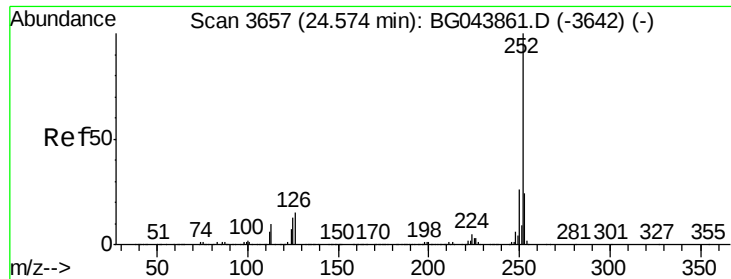


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 0.083 ng

RT: 24.53 min Scan# 3649

Delta R.T. -0.04 min

Lab File: BG044080.D

Acq: 17 Jan 2020 18:39

Instrument :

BNA_G

ClientSampled :

PB126101BL

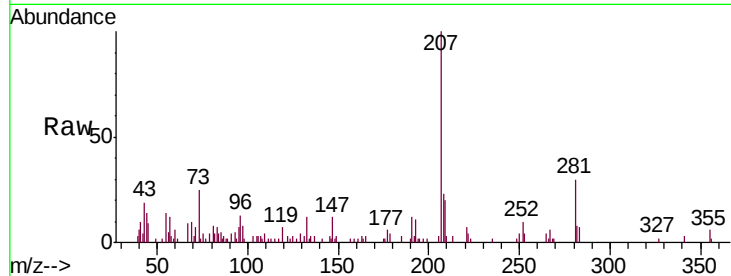
Tgt Ion: 252 Resp: 2250

Ion Ratio Lower Upper

252 100

253 35.6 19.3 28.9#

125 33.1 10.4 15.6#

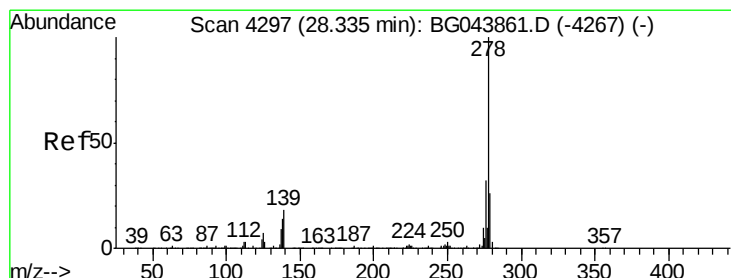
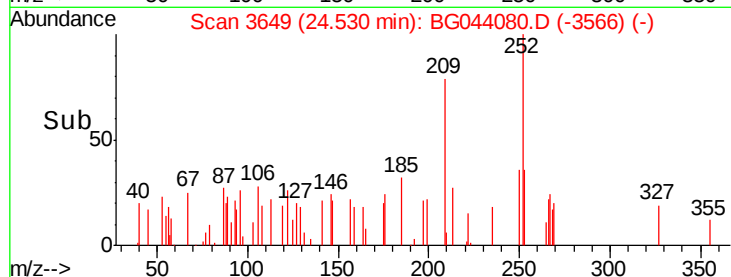
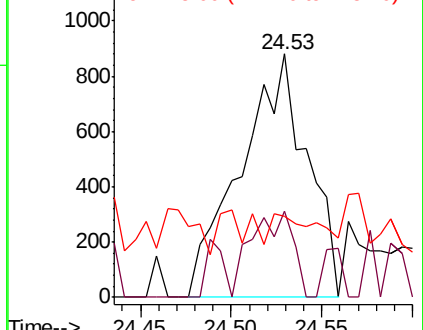


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 0.015 ng

RT: 28.28 min Scan# 4287

Delta R.T. -0.06 min

Lab File: BG044080.D

Acq: 17 Jan 2020 18:39

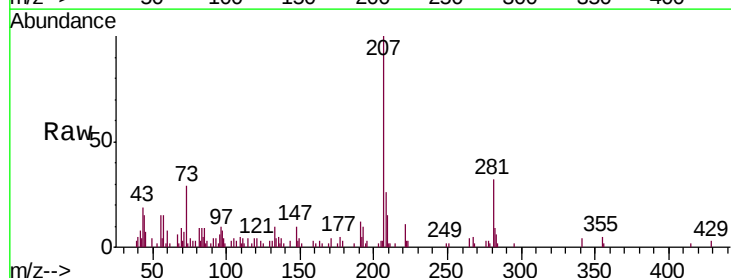
Tgt Ion: 278 Resp: 412

Ion Ratio Lower Upper

278 100

139 73.8 14.2 21.4#

279 73.8 20.6 30.8#

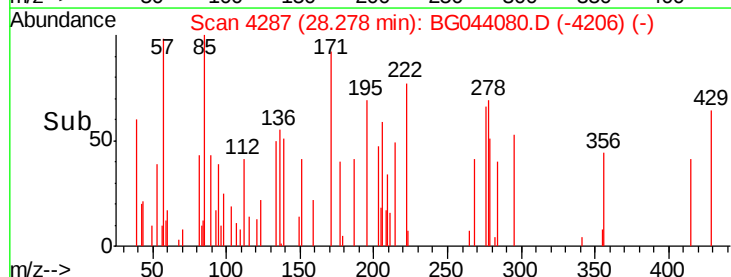
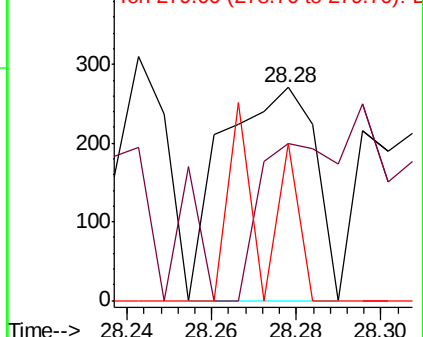


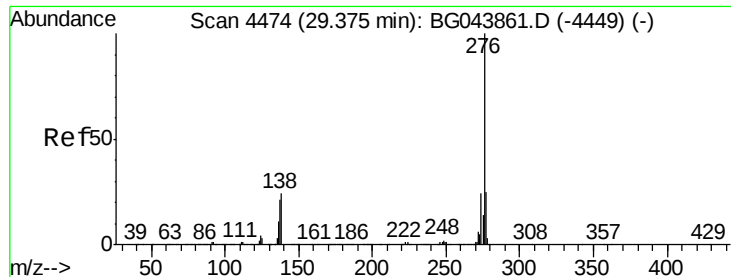
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(g,h,i)perylene

Concen: 0.008 ng

RT: 29.34 min Scan# 4467

Delta R.T. -0.04 min

Lab File: BG044080.D

Acq: 17 Jan 2020 18:39

Instrument :

BNA_G

ClientSampleId :

PB126101BL

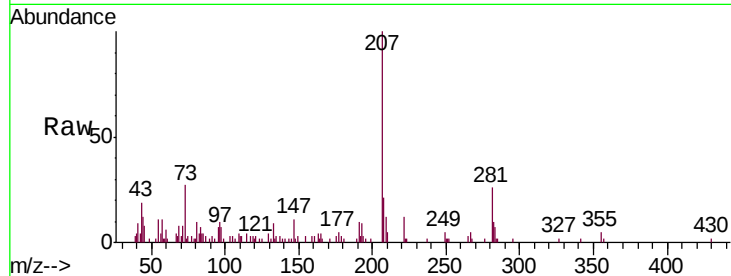
Tgt Ion: 276 Resp: 227

Ion Ratio Lower Upper

276 100

277 0.0 20.2 30.4#

138 0.0 19.0 28.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

