

Data File : BG044063.D
Acq On : 16 Jan 2020 11:11
Operator : JU
Sample : PB126101BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126101BS

Quant Time: Jan 17 06:37:48 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	7.94	152	101572	20.00	ng	-0.02
21) Naphthalene-d8	10.74	136	446961	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	293398	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	643313	20.00	ng	-0.02
76) Chrysene-d12	21.57	240	565755	20.00	ng	-0.02
87) Perylene-d12	24.68	264	510757	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	700844	126.69	ng	-0.02
7) Phenol-d6	7.11	99	910903	117.80	ng	-0.01
23) Nitrobenzene-d5	9.10	82	559380	66.95	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	353505	115.14	ng	-0.02
45) 2-Fluorobiphenyl	13.20	172	1215201	75.04	ng	-0.02
79) Terphenyl-d14	19.93	244	1846864	76.63	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	87018	36.077	ng	96
3) Pyridine	3.80	79	206980	29.048	ng	93
4) n-Nitrosodimethylamine	3.72	42	114853	36.204	ng	94
6) Aniline	7.27	93	282570	27.822	ng	97
8) 2-Chlorophenol	7.51	128	283110	43.594	ng	97
9) Benzaldehyde	7.07	77	88575	17.897	ng	97
10) Phenol	7.14	94	347735	43.647	ng	98
11) bis(2-Chloroethyl)ether	7.36	93	265734	38.640	ng	98
12) 1,3-Dichlorobenzene	7.84	146	293430	38.611	ng	99
13) 1,4-Dichlorobenzene	7.98	146	295770	39.444	ng	99
14) 1,2-Dichlorobenzene	8.30	146	282914	39.308	ng	98
15) Benzyl Alcohol	8.18	79	233649	38.286	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.48	45	354269	33.297	ng	100
17) 2-Methylphenol	8.39	107	240637	41.738	ng	99
18) Hexachloroethane	9.03	117	111567	38.237	ng	97
19) n-Nitroso-di-n-propylamine	8.75	70	204409	35.497	ng	97
20) 3+4-Methylphenols	8.72	107	331065	41.163	ng	99
22) Acetophenone	8.76	105	386914	34.820	ng	100
24) Nitrobenzene	9.14	77	293614	35.482	ng	99
25) Isophorone	9.66	82	557771	35.584	ng	100
26) 2-Nitrophenol	9.85	139	161345	41.211	ng	94
27) 2,4-Dimethylphenol	9.92	122	266175	45.165	ng	98
28) bis(2-Chloroethoxy)methane	10.15	93	354763	33.948	ng	97
29) 2,4-Dichlorophenol	10.39	162	279534	39.765	ng	97
30) 1,2,4-Trichlorobenzene	10.61	180	286893	36.398	ng	97
31) Naphthalene	10.79	128	827995	38.282	ng	99
32) Benzoic acid	10.07	122	144704	32.480	ng	97
33) 4-Chloroaniline	10.90	127	228250	22.125	ng	98
34) Hexachlorobutadiene	11.09	225	166013	34.497	ng	97
35) Caprolactam	11.67	113	67272	25.706	ng	93
36) 4-Chloro-3-methylphenol	12.03	107	289158	38.639	ng	98
37) 2-Methylnaphthalene	12.40	142	621663	38.177	ng	95
38) 1-Methylnaphthalene	12.62	142	584807	37.893	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.77	216	297129	34.552	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	262217	58.815	ng	98
43) 2,4,6-Trichlorophenol	13.01	196	221963	37.512	ng	98
44) 2,4,5-Trichlorophenol	13.09	196	238248	39.039	ng	98
46) 1,1'-Biphenyl	13.41	154	769393	36.575	ng	99
47) 2-Chloronaphthalene	13.45	162	606095	35.656	ng	98
48) 2-Nitroaniline	13.65	65	183205	33.505	ng	92
49) Acenaphthylene	14.30	152	955890	39.124	ng	97
50) Dimethylphthalate	14.03	163	767537	36.843	ng	99
51) 2,6-Dinitrotoluene	14.15	165	179307	38.081	ng	92
52) Acenaphthene	14.64	154	611288	35.677	ng	97
53) 3-Nitroaniline	14.48	138	147069	27.505	ng	99
54) 2,4-Dinitrophenol	14.68	184	205779	85.387	ng	96
55) Dibenzofuran	14.97	168	921874	39.084	ng	99
56) 4-Nitrophenol	14.79	139	351858	85.872	ng	96
57) 2,4-Dinitrotoluene	14.93	165	250948	39.168	ng	99
58) Fluorene	15.63	166	723732	38.713	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.20	232	213426	40.670	ng	96
60) Diethylphthalate	15.40	149	778416	37.358	ng	99
61) 4-Chlorophenyl-phenylether	15.62	204	374421	36.884	ng	98
62) 4-Nitroaniline	15.64	138	185375	35.107	ng	95
63) Azobenzene	15.91	77	711087	36.799	ng	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	152027	46.062	ng	98
66) n-Nitrosodiphenylamine	15.83	169	684149	36.113	ng	99
67) 4-Bromophenyl-phenylether	16.51	248	244319	33.768	ng	100
68) Hexachlorobenzene	16.63	284	267806	34.351	ng	99
69) Atrazine	16.78	200	256246	41.612	ng	99
70) Pentachlorophenol	16.98	266	332762	77.428	ng	99
71) Phenanthrene	17.37	178	1168064	37.855	ng	98
72) Anthracene	17.45	178	1187215	38.931	ng	98
73) Carbazole	17.72	167	1126108	39.977	ng	97
74) Di-n-butylphthalate	18.29	149	1347890	37.478	ng	97
75) Fluoranthene	19.37	202	1383166	39.196	ng	97
77) Benzidine	19.55	184	356771	25.088	ng	98
78) Pyrene	19.73	202	1380429	37.381	ng	97
80) Butylbenzylphthalate	20.62	149	647503	36.828	ng	97
81) Benzo(a)anthracene	21.55	228	1341861	38.251	ng	98
82) 3,3'-Dichlorobenzidine	21.47	252	464874	33.542	ng	99
83) Chrysene	21.61	228	1278824	38.364	ng	98
84) Bis(2-ethylhexyl)phthalate	21.47	149	911858	37.588	ng	99
85) Di-n-octyl phthalate	22.65	149	1600745	39.250	ng	97
86) Indeno(1,2,3-cd)pyrene	28.21	276	1634043	36.071	ng	100
88) Benzo(b)fluoranthene	23.70	252	1467839	48.613	ng	98
89) Benzo(k)fluoranthene	23.76	252	1379563	48.046	ng	99
90) Benzo(a)pyrene	24.54	252	1308731	45.923	ng	99
91) Dibenzo(a,h)anthracene	28.28	278	1354624	47.330	ng	99
92) Benzo(g,h,i)perylene	29.32	276	1358942	47.800	ng	98

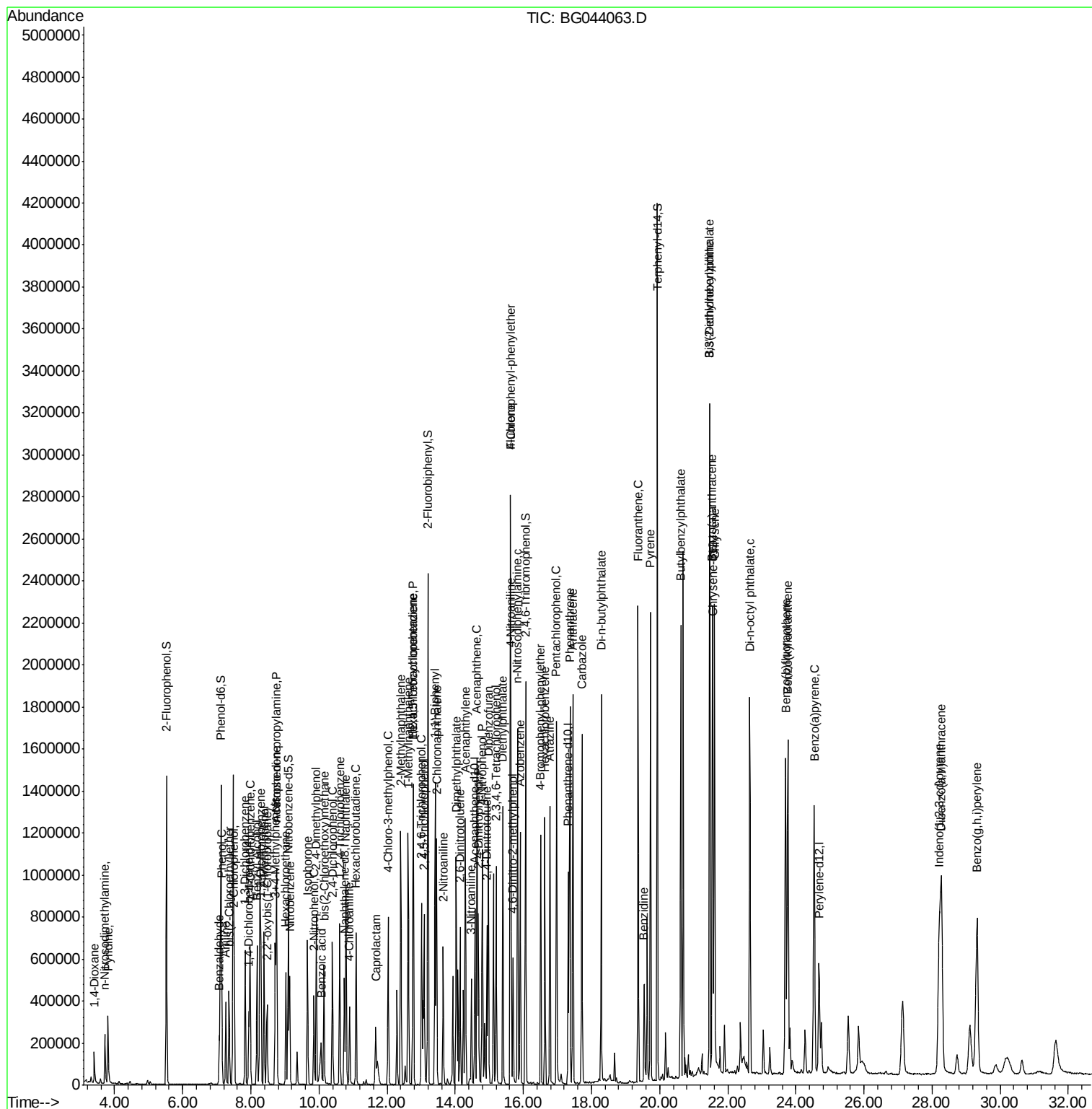
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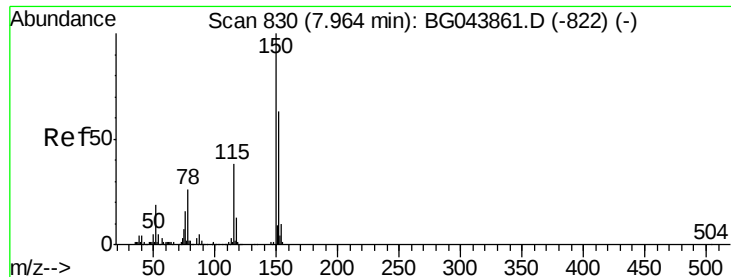
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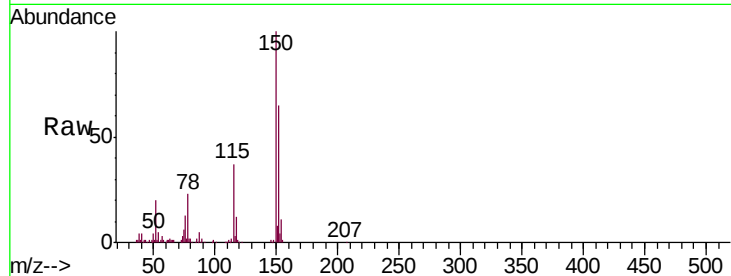


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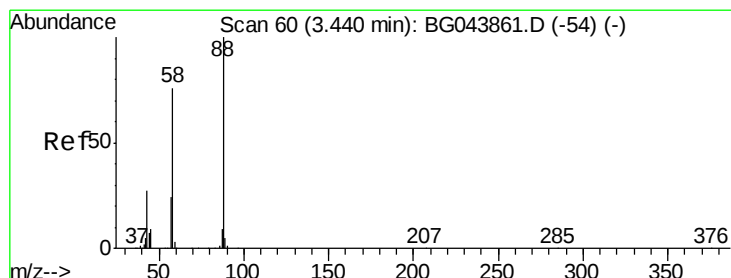
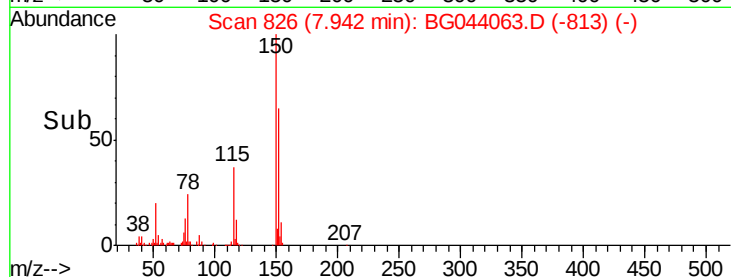
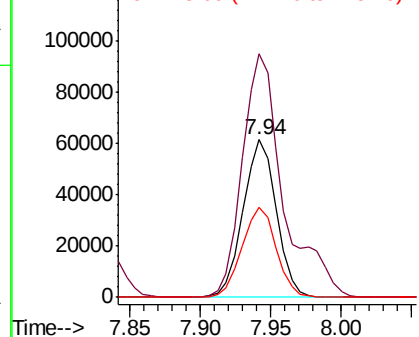
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.94 min Scan# 826
 Delta R.T. -0.02 min
 Lab File: BG044063.D
 Acq: 16 Jan 2020 11:11

Instrument :
 BNA_G
 ClientSampleId :
 PB126101BS

Tgt Ion:152 Resp: 101572
 Ion Ratio Lower Upper
 152 100
 150 154.7 127.0 190.4
 115 57.5 47.8 71.8



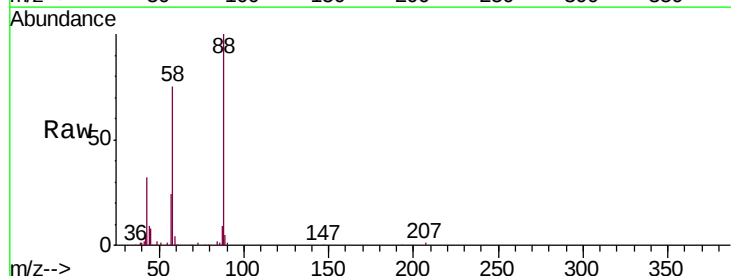
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



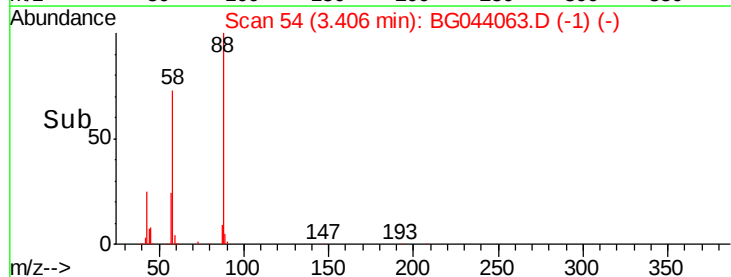
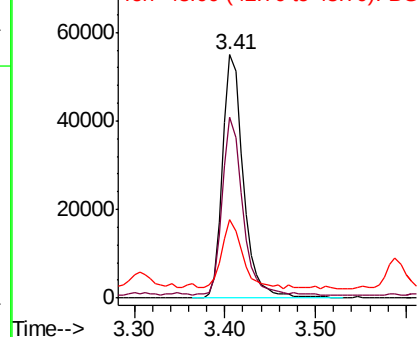
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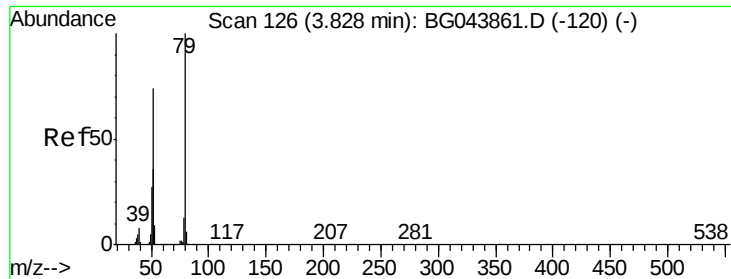
1,4-Dioxane
 Concen: 36.077 ng
 RT: 3.41 min Scan# 54
 Delta R.T. -0.03 min
 Lab File: BG044063.D
 Acq: 16 Jan 2020 11:11

Tgt Ion: 88 Resp: 87018
 Ion Ratio Lower Upper
 88 100
 58 71.1 59.8 89.8
 43 27.9 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: 29.048 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.03 min

Lab File: BG044063.D

Acq: 16 Jan 2020 11:11

Instrument :

BNA_G

ClientSampleId :

PB126101BS

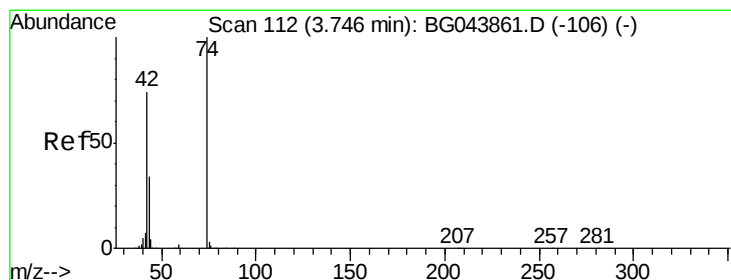
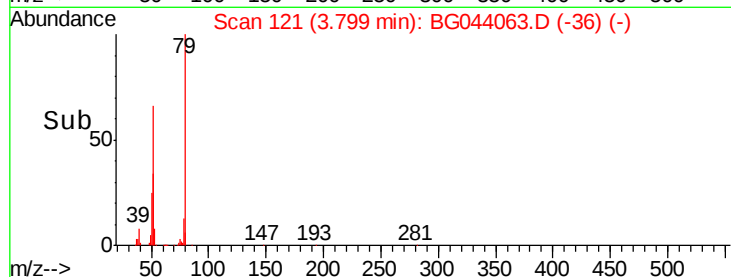
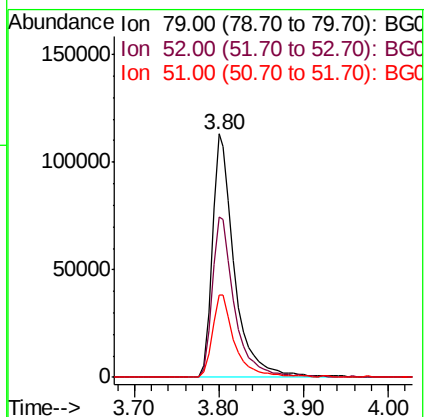
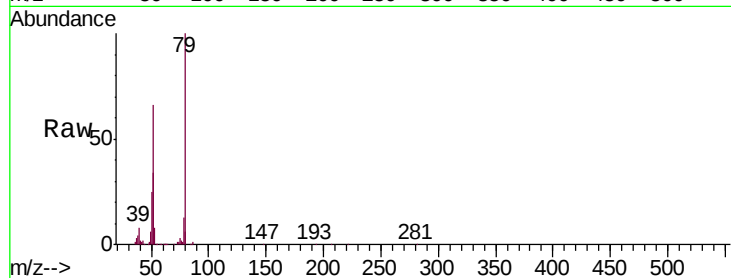
Tgt Ion: 79 Resp: 206980

Ion Ratio Lower Upper

79 100

52 65.7 58.9 88.3

51 34.1 28.6 43.0



#4

n-Nitrosodimethylamine

Concen: 36.204 ng

RT: 3.72 min Scan# 107

Delta R.T. -0.03 min

Lab File: BG044063.D

Acq: 16 Jan 2020 11:11

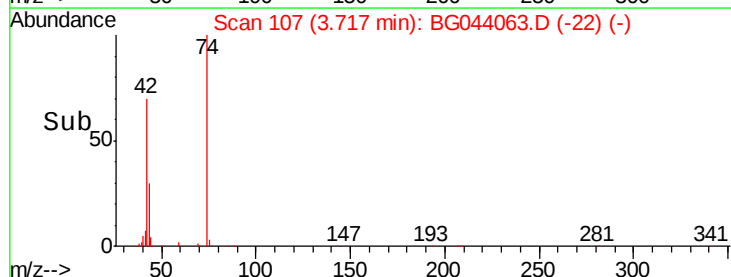
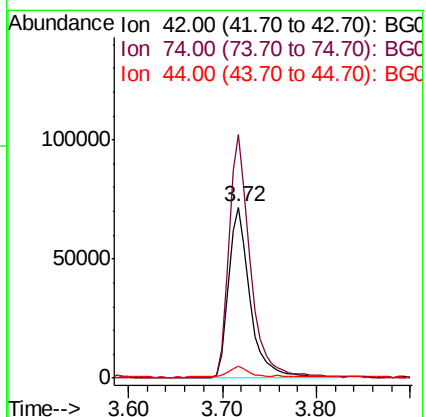
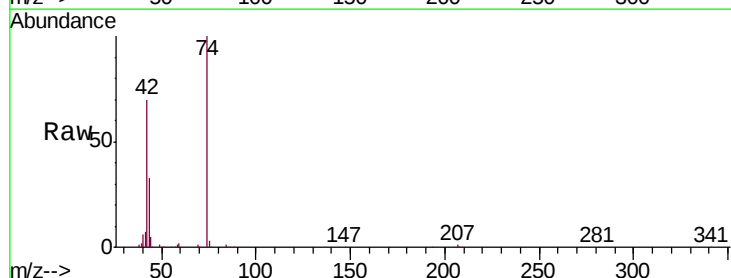
Tgt Ion: 42 Resp: 114853

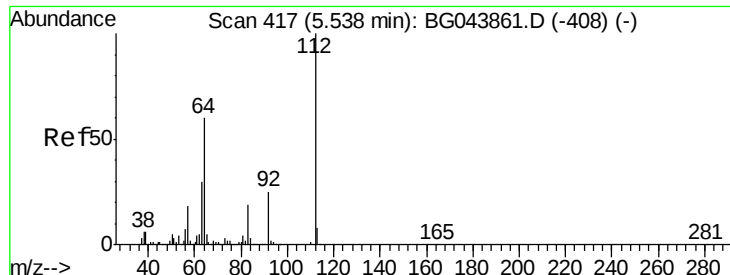
Ion Ratio Lower Upper

42 100

74 142.5 108.6 162.8

44 6.9 5.0 7.6





#5

2-Fluorophenol

Concen: 126.692 ng

RT: 5.52 min Scan# 414

Delta R.T. -0.02 min

Lab File: BG044063.D

Acq: 16 Jan 2020 11:11

Instrument :

BNA_G

ClientSampled :

PB126101BS

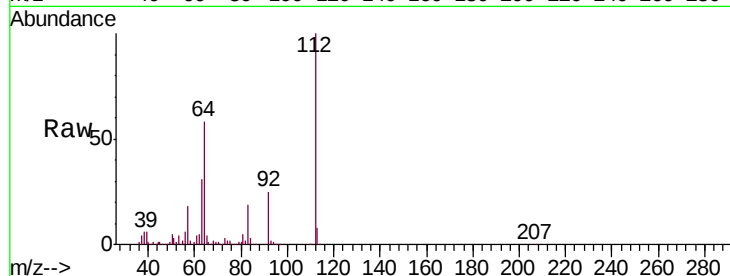
Tgt Ion: 112 Resp: 700844

Ion Ratio Lower Upper

112 100

64 58.3 47.8 71.6

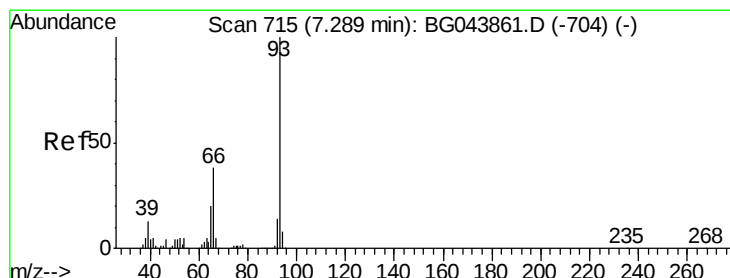
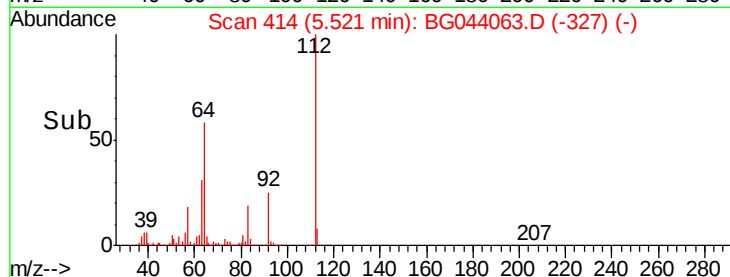
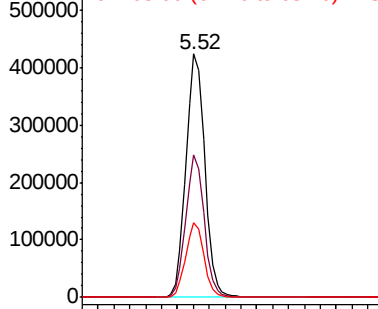
63 30.6 24.3 36.5



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: 27.822 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.02 min

Lab File: BG044063.D

Acq: 16 Jan 2020 11:11

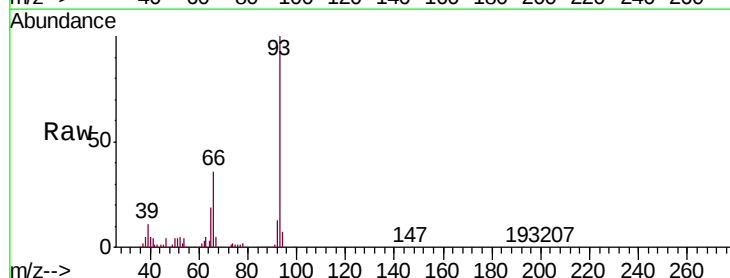
Tgt Ion: 93 Resp: 282570

Ion Ratio Lower Upper

93 100

66 36.0 30.8 46.2

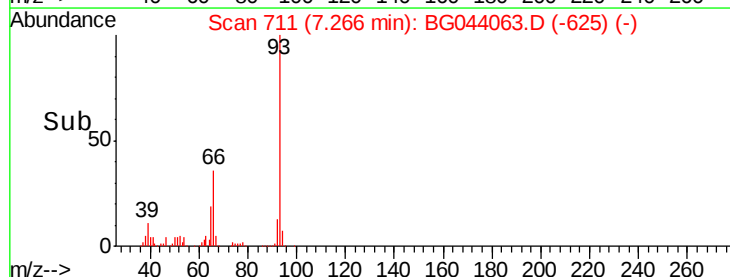
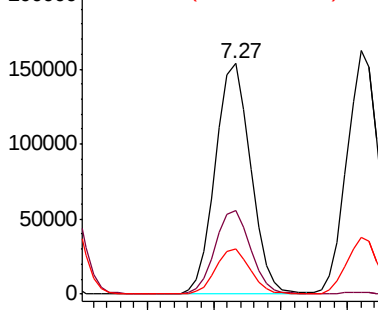
65 19.4 16.0 24.0

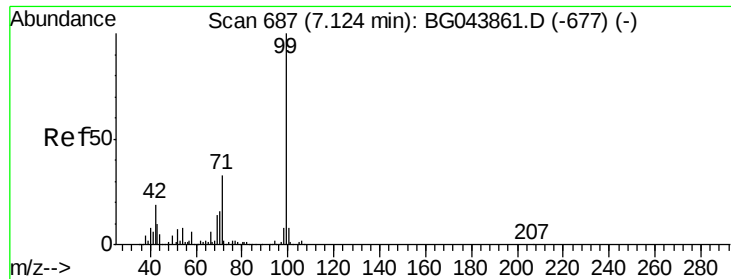


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 117.801 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.01 min

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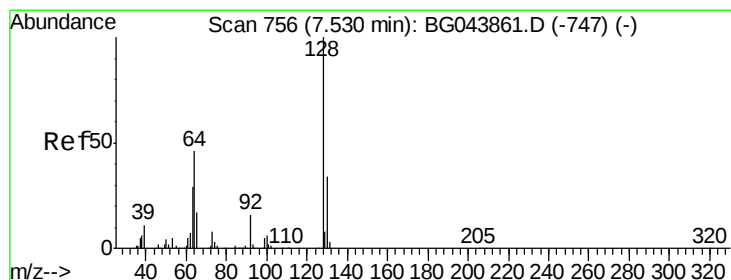
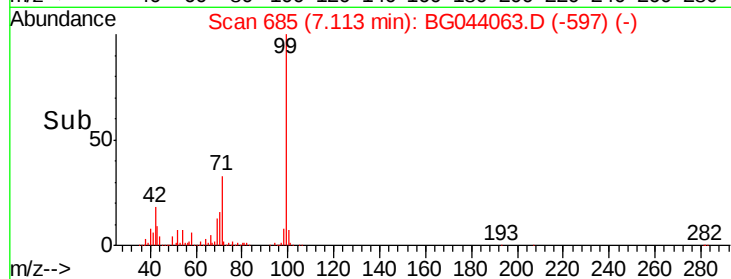
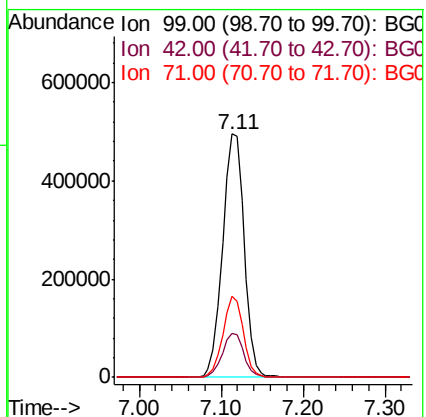
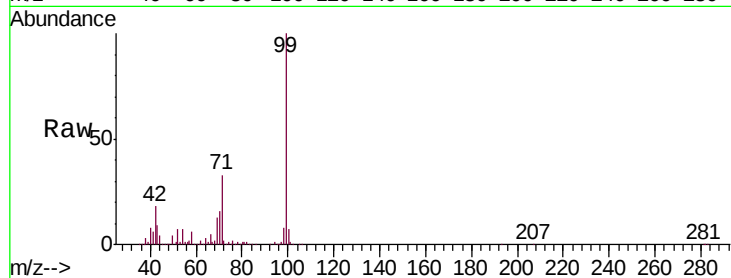
Tgt Ion: 99 Resp: 910903

Ion Ratio Lower Upper

99 100

42 17.8 14.9 22.3

71 33.2 26.4 39.6



#8

2-Chlorophenol

Concen: 43.594 ng

RT: 7.51 min Scan# 753

Delta R.T. -0.02 min

Lab File: BG044063.D

Acq: 16 Jan 2020 11:11

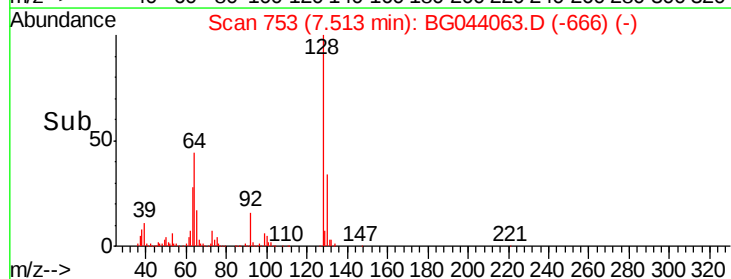
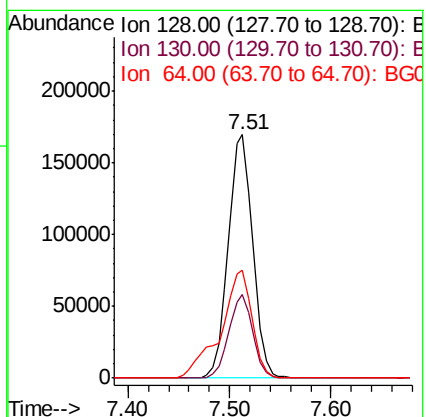
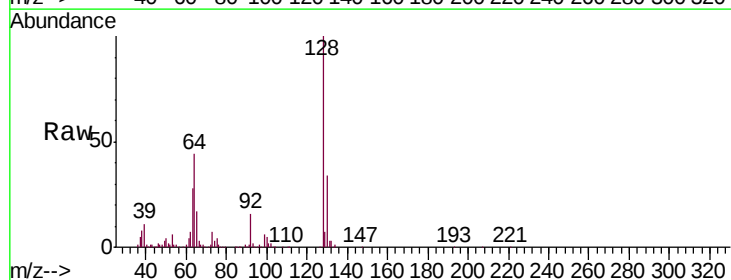
Tgt Ion: 128 Resp: 283110

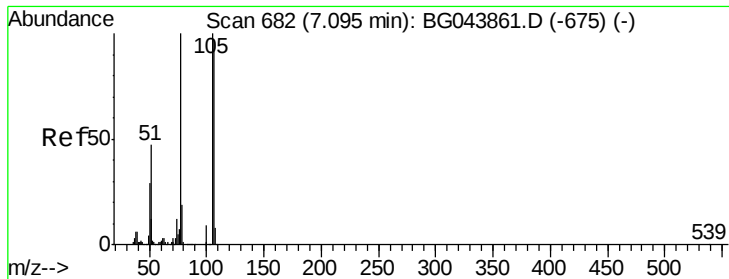
Ion Ratio Lower Upper

128 100

130 34.4 13.8 53.8

64 44.4 27.6 67.6





#9

Benzaldehyde

Concen: 17.897 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.02 min

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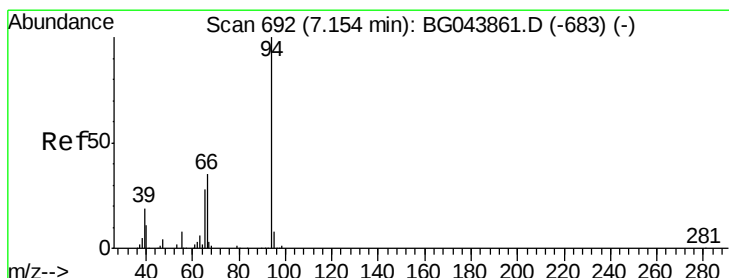
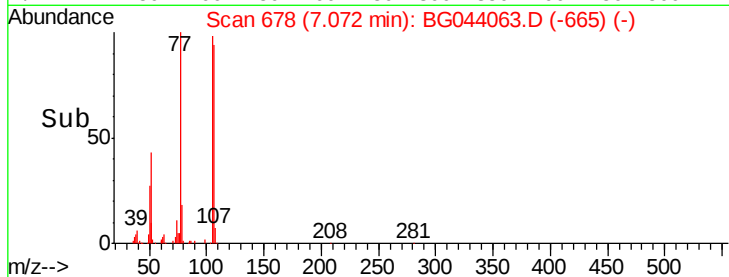
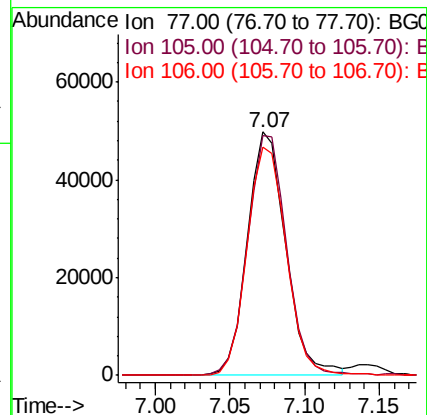
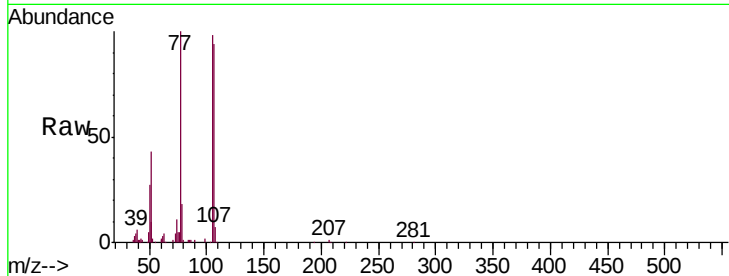
Tgt Ion: 77 Resp: 88575

Ion Ratio Lower Upper

77 100

105 98.3 80.2 120.2

106 94.0 77.2 117.2



#10

Phenol

Concen: 43.647 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

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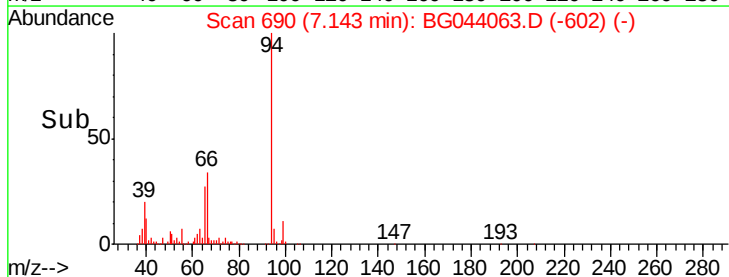
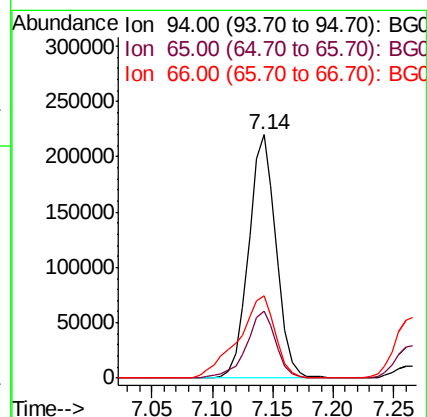
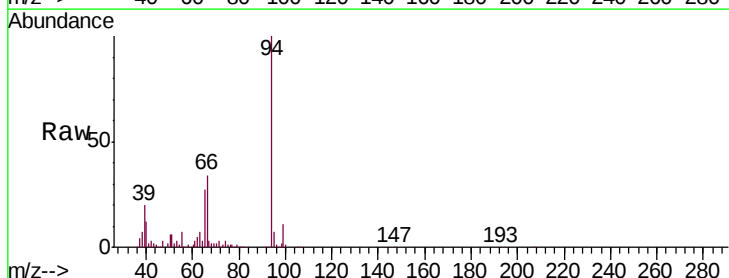
Tgt Ion: 94 Resp: 347735

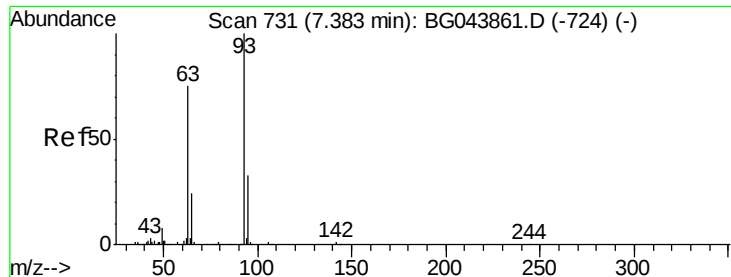
Ion Ratio Lower Upper

94 100

65 27.4 8.1 48.1

66 34.0 15.6 55.6



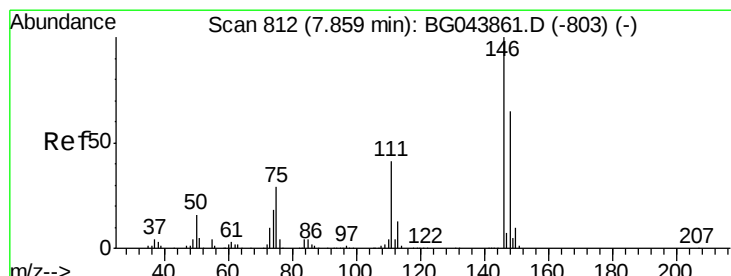
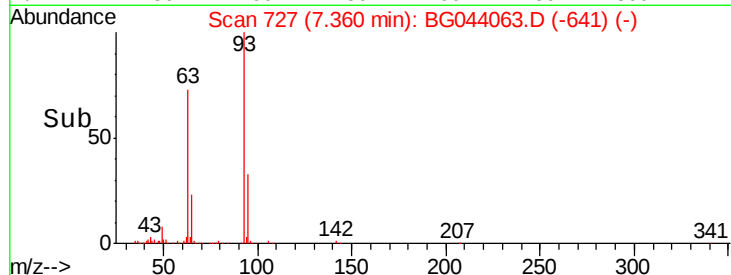
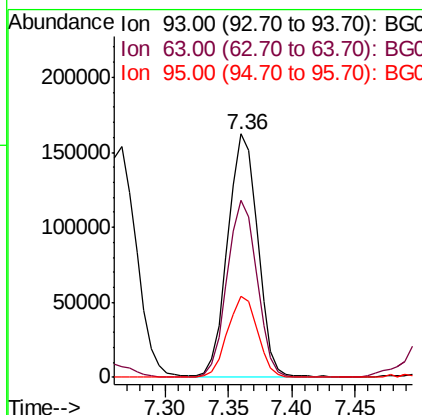
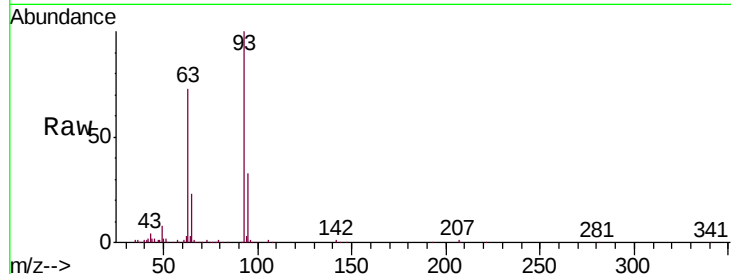


#11
bis(2-Chloroethyl)ether
Concen: 38.640 ng
RT: 7.36 min Scan# 727
Delta R.T. -0.02 min
Lab File: BG044063.D
Acq: 16 Jan 2020 11:11

Instrument :
BNA_G
ClientSampleId :
PB126101BS

Tgt Ion: 93 Resp: 265734

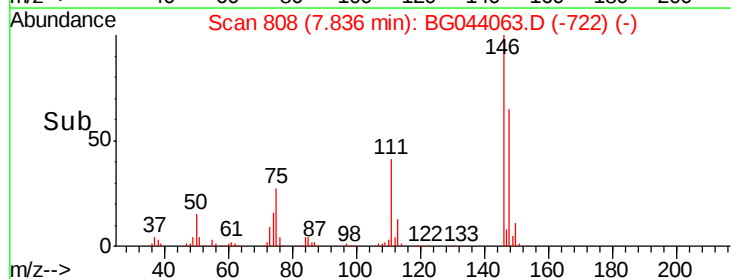
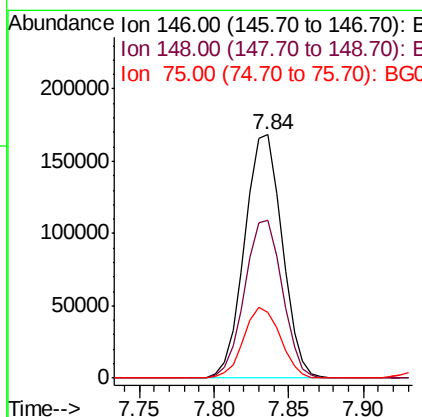
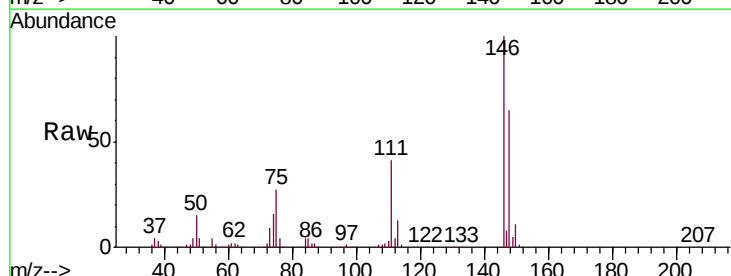
Ion	Ratio	Lower	Upper
93	100		
63	72.9	55.0	95.0
95	33.2	13.3	53.3

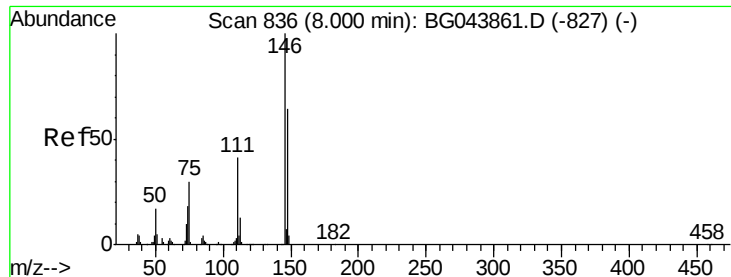


#12
1,3-Dichlorobenzene
Concen: 38.611 ng
RT: 7.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BG044063.D
Acq: 16 Jan 2020 11:11

Tgt Ion: 146 Resp: 293430

Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.1	78.1
75	26.8	23.0	34.4

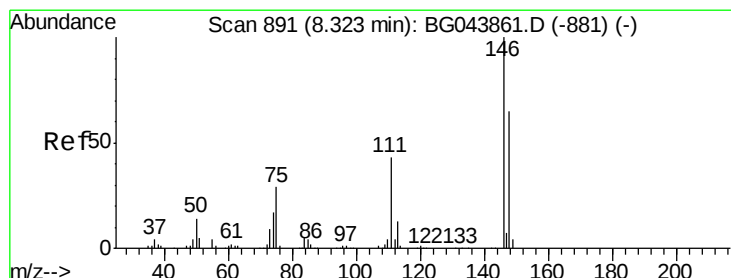
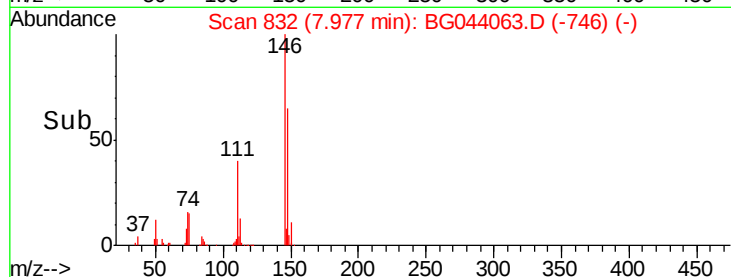
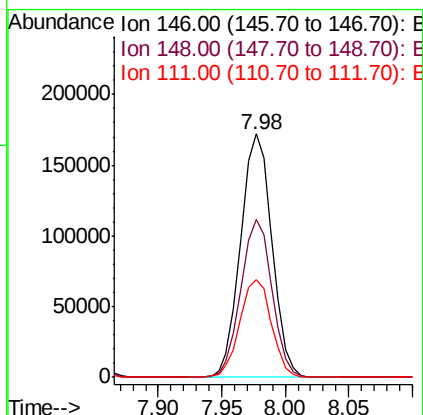
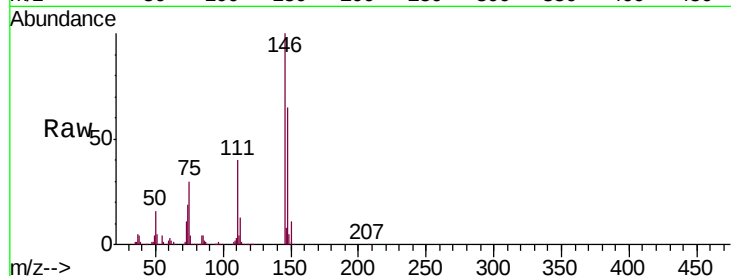




#13
 1,4-Dichlorobenzene
 Concen: 39.444 ng
 RT: 7.98 min Scan# 832
 Delta R.T. -0.02 min
 Lab File: BG044063.D
 Acq: 16 Jan 2020 11:11

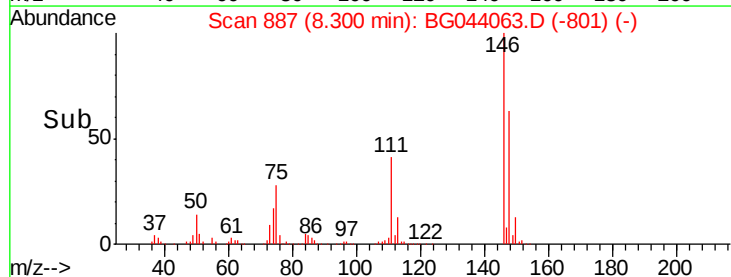
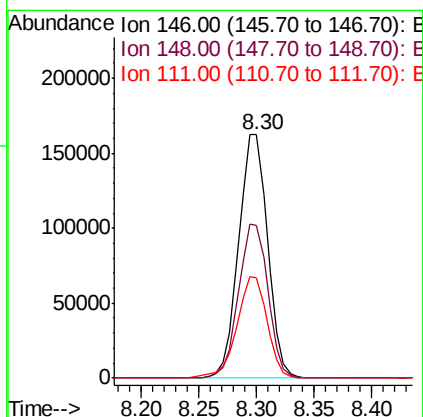
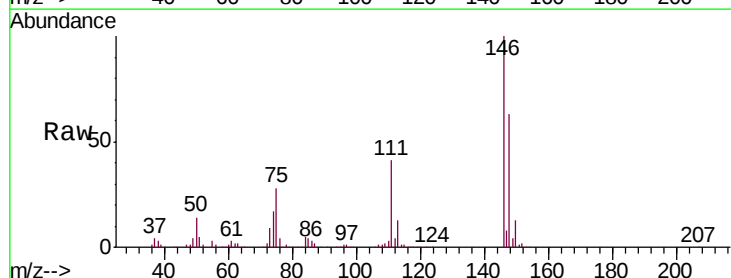
Instrument :
 BNA_G
 ClientSampleId :
 PB126101BS

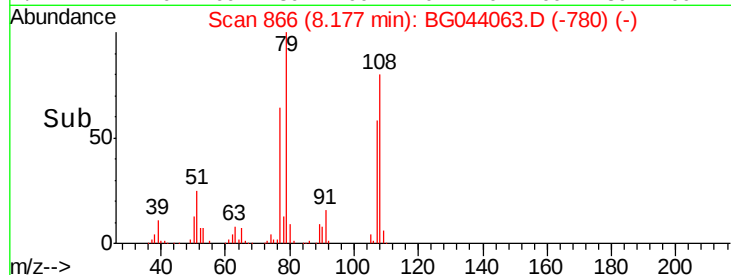
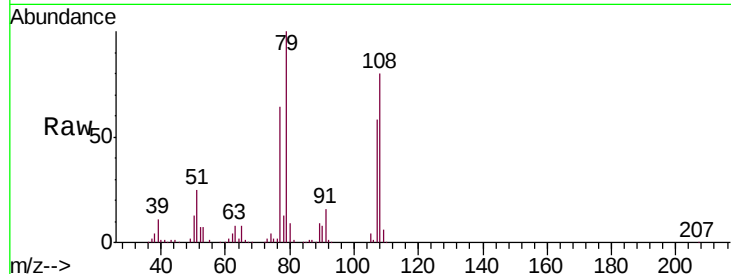
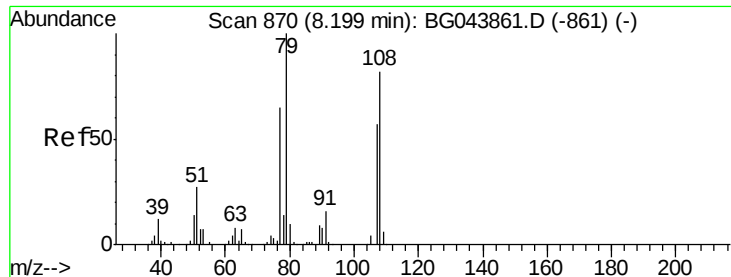
Tgt Ion:146 Resp: 295770
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.2 76.8
 111 40.2 33.1 49.7



#14
 1,2-Dichlorobenzene
 Concen: 39.308 ng
 RT: 8.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BG044063.D
 Acq: 16 Jan 2020 11:11

Tgt Ion:146 Resp: 282914
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.7 77.5
 111 41.1 34.4 51.6

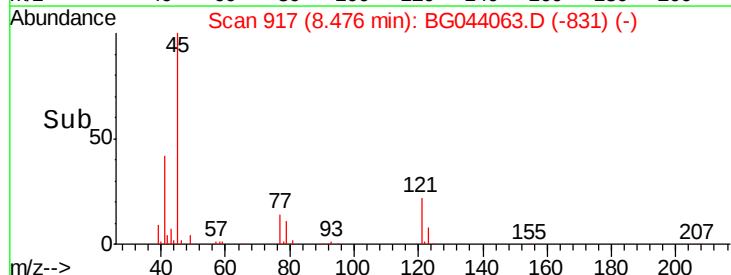
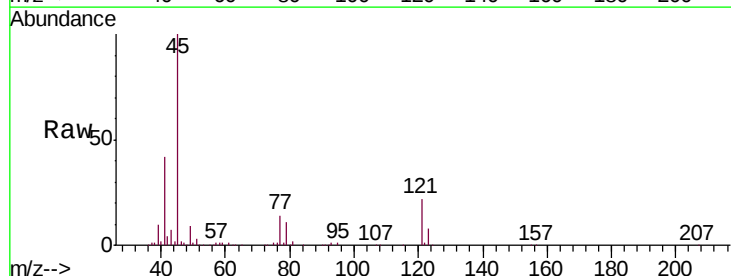
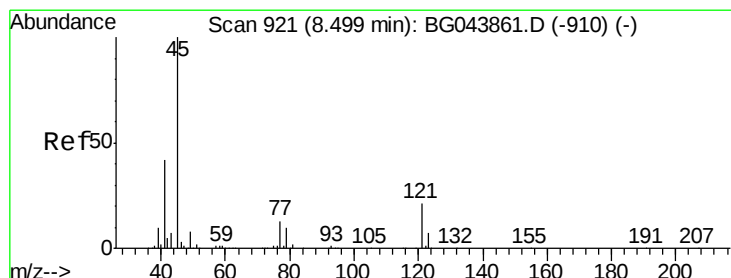
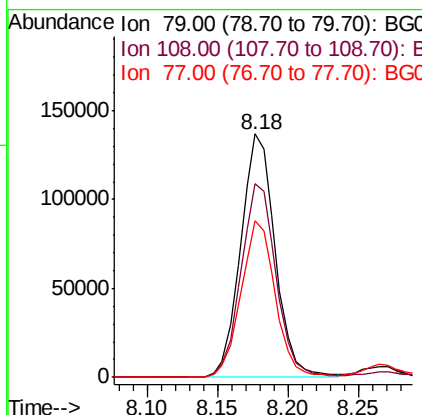




#15
Benzyl Alcohol
Concen: 38.286 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.02 min
Lab File: BG044063.D
Acq: 16 Jan 2020 11:11

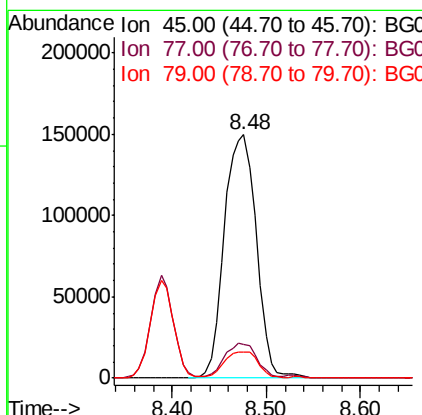
Instrument :
BNA_G
ClientSampleId :
PB126101BS

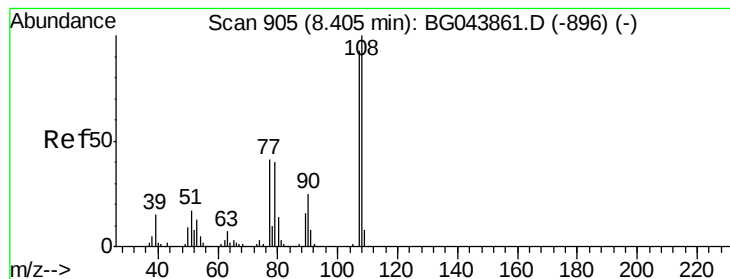
Tgt Ion: 79 Resp: 233649
Ion Ratio Lower Upper
79 100
108 79.5 65.6 98.4
77 64.1 52.0 78.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.297 ng
RT: 8.48 min Scan# 917
Delta R.T. -0.02 min
Lab File: BG044063.D
Acq: 16 Jan 2020 11:11

Tgt Ion: 45 Resp: 354269
Ion Ratio Lower Upper
45 100
77 13.8 0.0 33.8
79 10.9 0.0 31.0





#17

2-Methylphenol

Concen: 41.738 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG044063.D

Acq: 16 Jan 2020 11:11

Instrument :

BNA_G

ClientSampleId :

PB126101BS

Tgt Ion:107 Resp: 240637

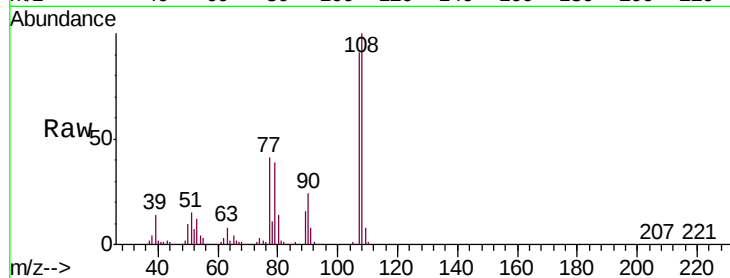
Ion Ratio Lower Upper

107 100

108 109.4 86.1 129.1

77 44.6 35.4 53.0

79 42.4 34.8 52.2

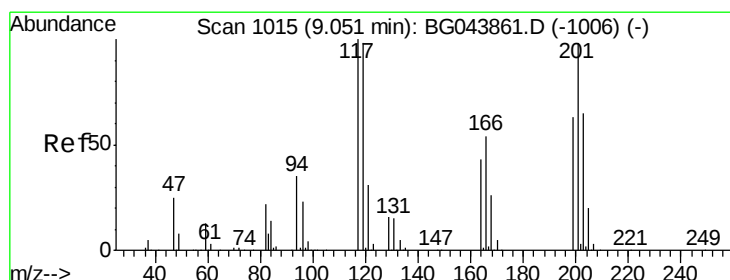
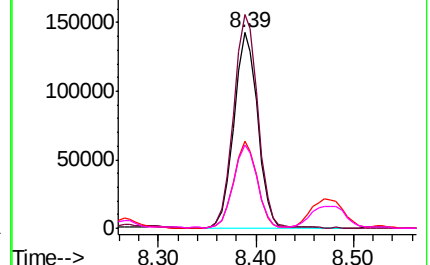
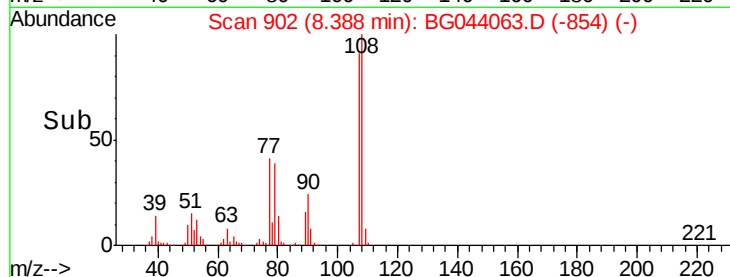


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.237 ng

RT: 9.03 min Scan# 1011

Delta R.T. -0.02 min

Lab File: BG044063.D

Acq: 16 Jan 2020 11:11

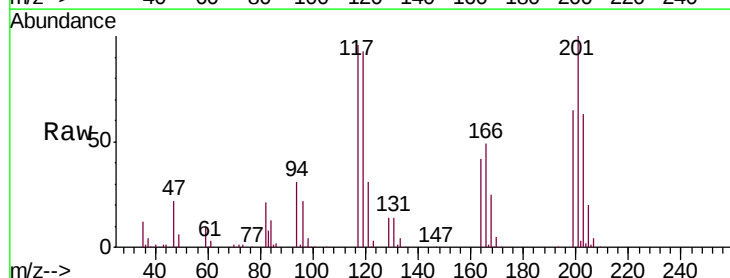
Tgt Ion:117 Resp: 111567

Ion Ratio Lower Upper

117 100

119 96.8 78.1 117.1

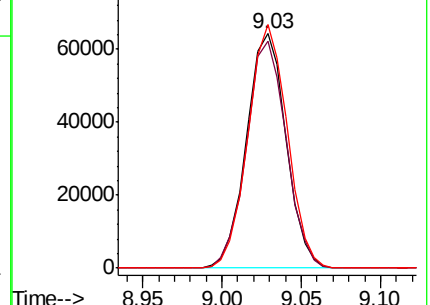
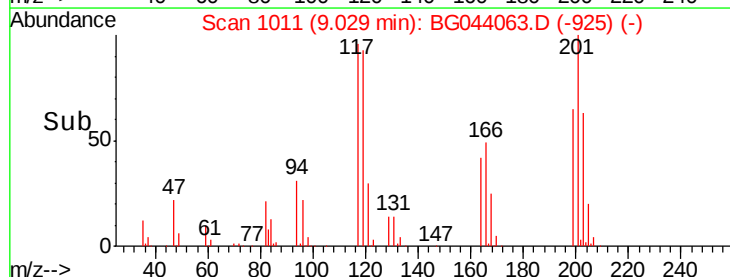
201 104.0 78.6 117.8

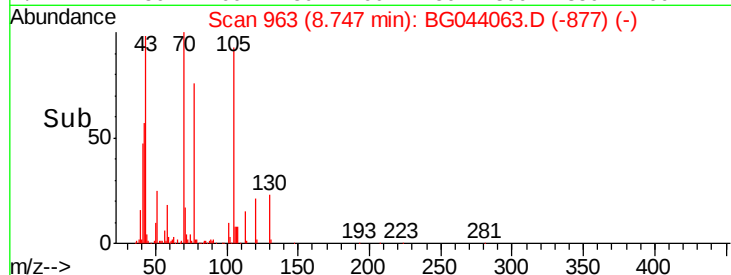
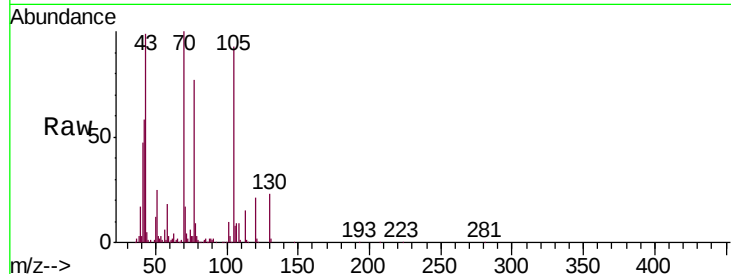
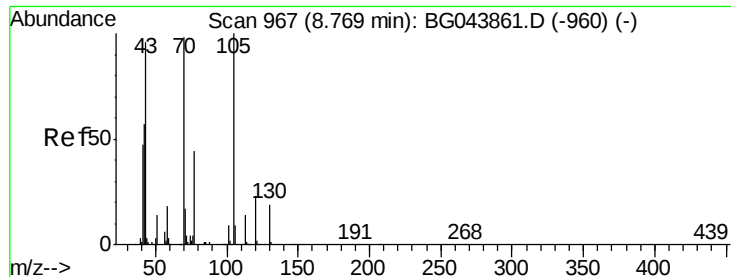


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

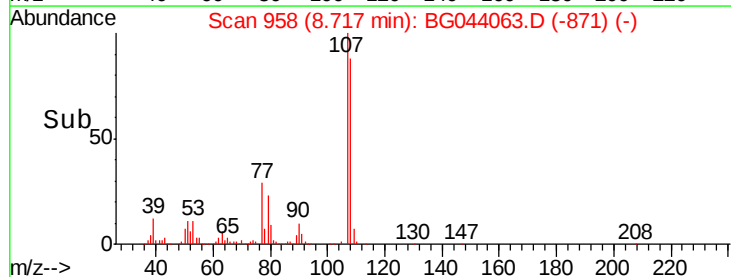
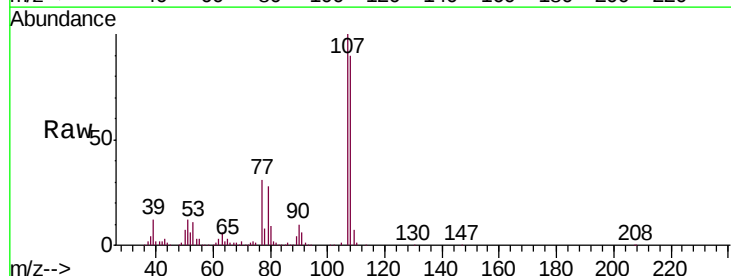
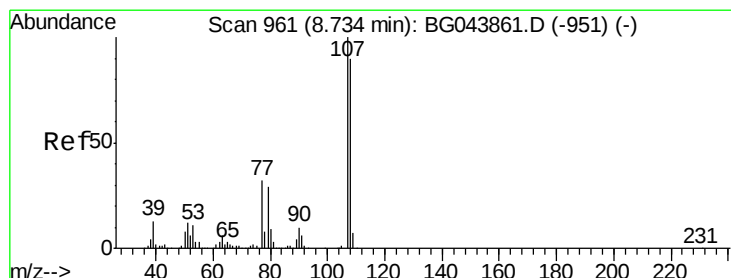
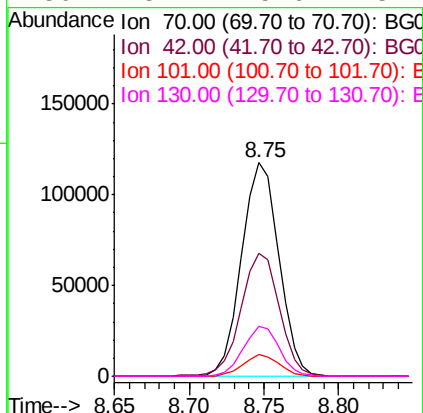




#19
n-Nitroso-di-n-propylamine
Concen: 35.497 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.02 min
Lab File: BG044063.D
Acq: 16 Jan 2020 11:11

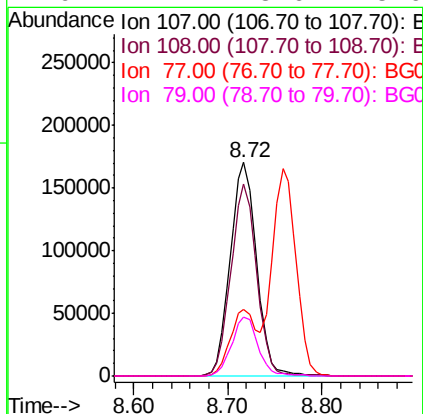
Instrument :
BNA_G
ClientSampleId :
PB126101BS

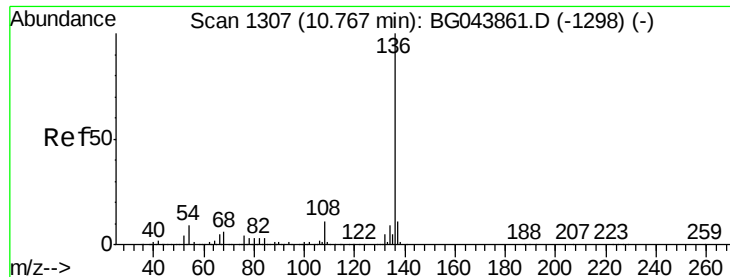
Tgt Ion:	70	Resp:	204409
Ion	Ratio	Lower	Upper
70	100		
42	57.5	47.0	70.4
101	10.5	7.2	10.8
130	23.1	15.6	23.4



#20
3+4-Methylphenols
Concen: 41.163 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.02 min
Lab File: BG044063.D
Acq: 16 Jan 2020 11:11

Tgt Ion:	107	Resp:	331065
Ion	Ratio	Lower	Upper
107	100		
108	89.6	70.3	110.3
77	31.2	12.4	52.4
79	27.7	8.6	48.6

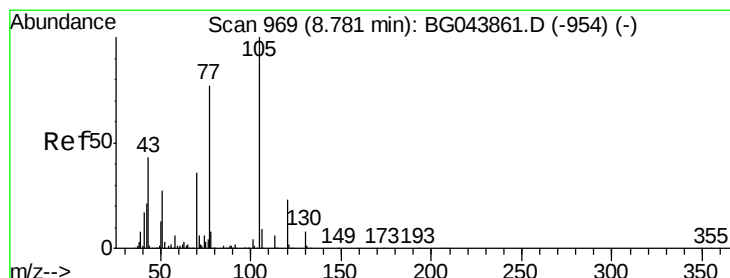
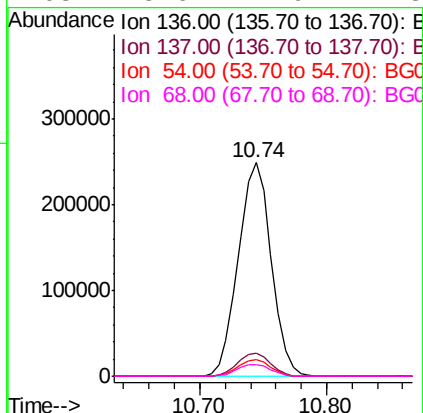
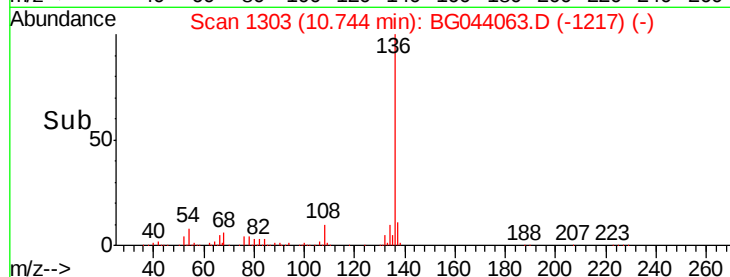
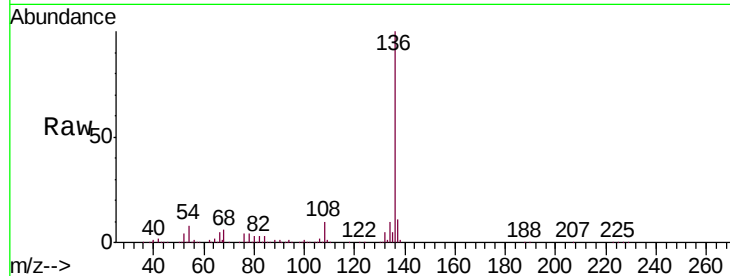




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG044063.D
Acq: 16 Jan 2020 11:11

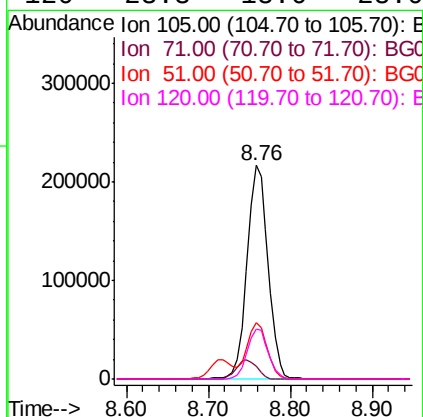
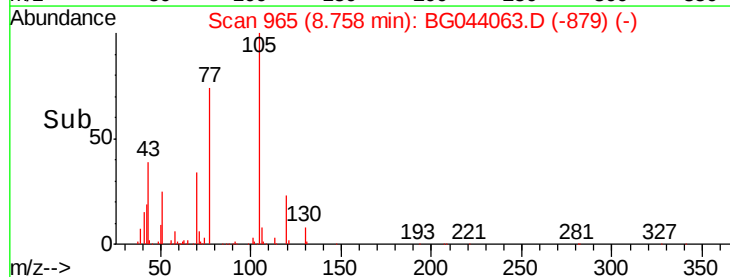
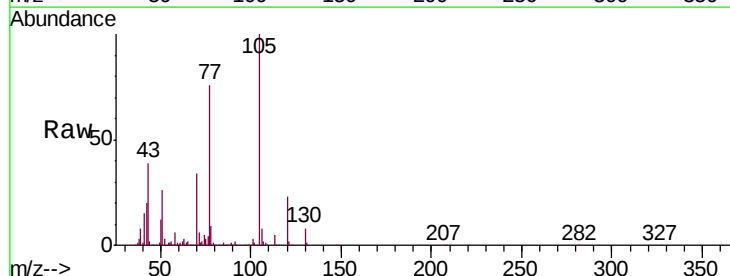
Instrument :
BNA_G
ClientSampleId :
PB126101BS

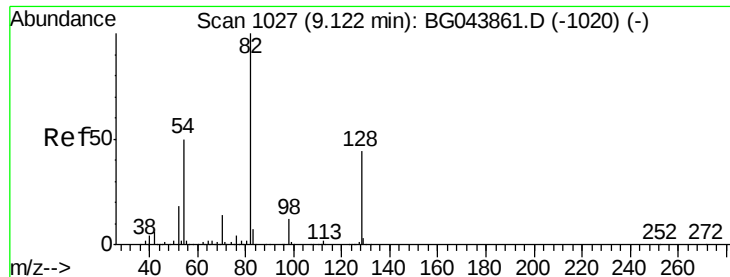
Tgt Ion:	136	Resp:	446961
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.5	7.0	10.4
68	5.6	4.9	7.3



#22
Acetophenone
Concen: 34.820 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.02 min
Lab File: BG044063.D
Acq: 16 Jan 2020 11:11

Tgt Ion:	105	Resp:	386914
Ion	Ratio	Lower	Upper
105	100		
71	5.9	4.8	7.2
51	26.3	21.4	32.0
120	23.3	18.6	28.0

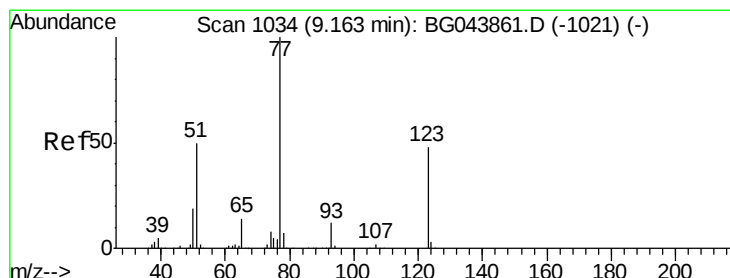
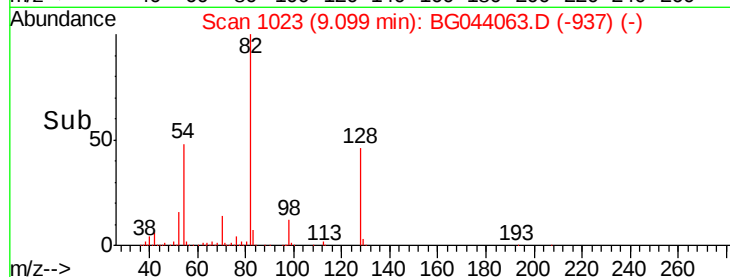
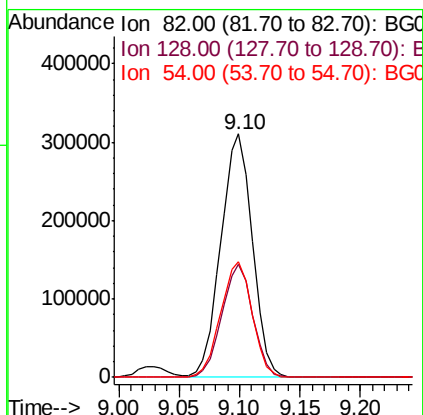
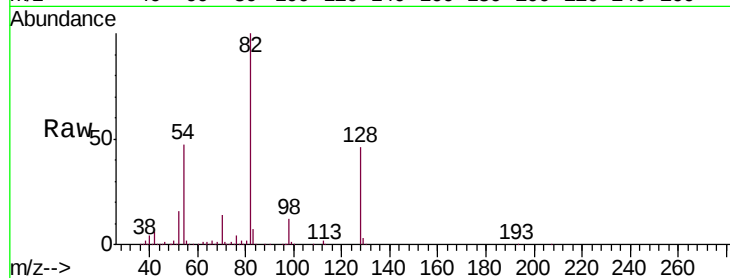




#23
 Nitrobenzene-d5
 Concen: 66.951 ng
 RT: 9.10 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BG044063.D
 Acq: 16 Jan 2020 11:11

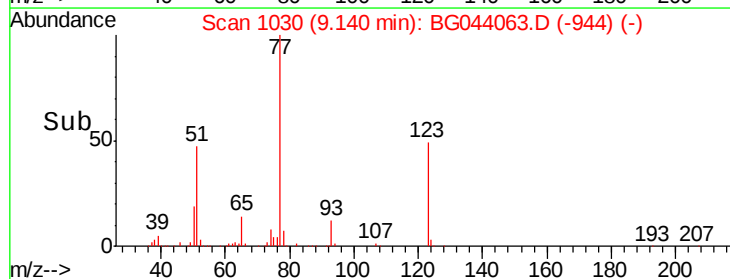
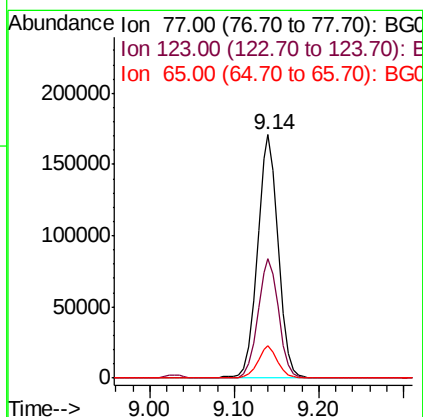
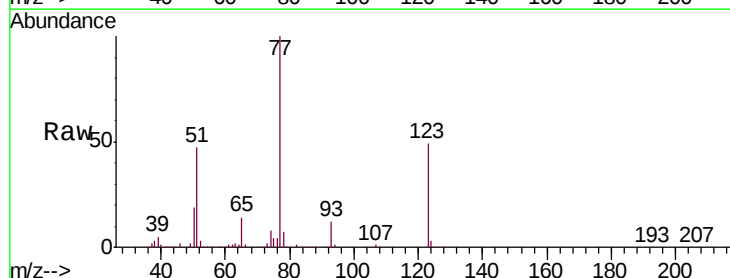
Instrument :
 BNA_G
 ClientSampleId :
 PB126101BS

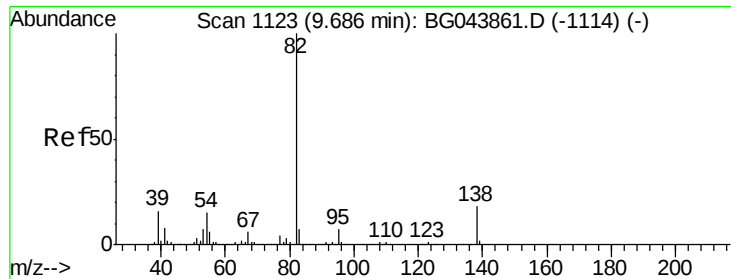
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.2	35.1	52.7
54	47.5	40.1	60.1



#24
 Nitrobenzene
 Concen: 35.482 ng
 RT: 9.14 min Scan# 1030
 Delta R.T. -0.02 min
 Lab File: BG044063.D
 Acq: 16 Jan 2020 11:11

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.0	38.7	58.1
65	13.5	11.1	16.7





#25

Isophorone

Concen: 35.584 ng

RT: 9.66 min Scan# 1119

Delta R.T. -0.02 min

Lab File: BG044063.D

Acq: 16 Jan 2020 11:11

Instrument :

BNA_G

ClientSampleId :

PB126101BS

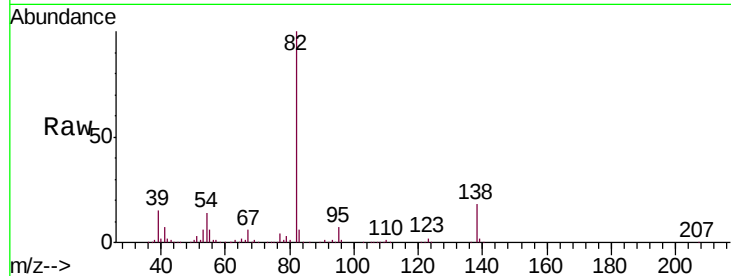
Tgt Ion: 82 Resp: 557771

Ion Ratio Lower Upper

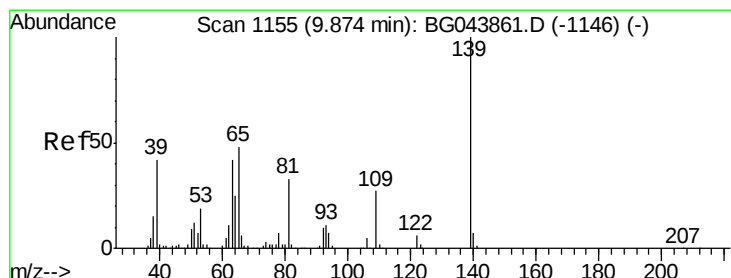
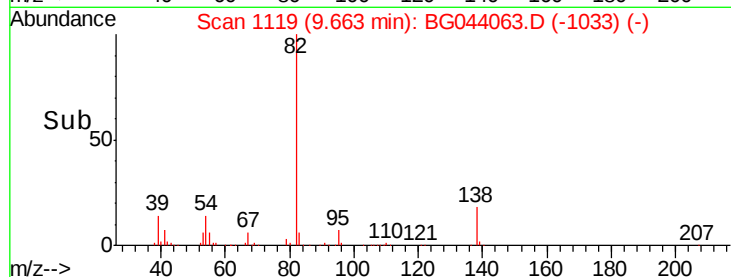
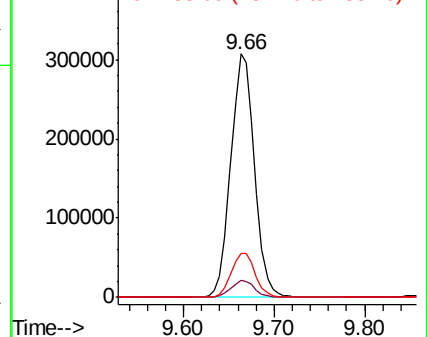
82 100

95 6.9 5.8 8.6

138 18.3 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 41.211 ng

RT: 9.85 min Scan# 1151

Delta R.T. -0.02 min

Lab File: BG044063.D

Acq: 16 Jan 2020 11:11

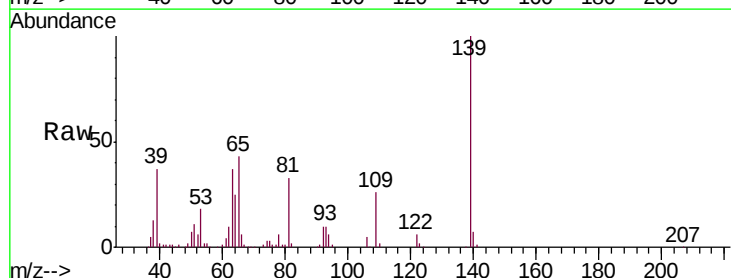
Tgt Ion: 139 Resp: 161345

Ion Ratio Lower Upper

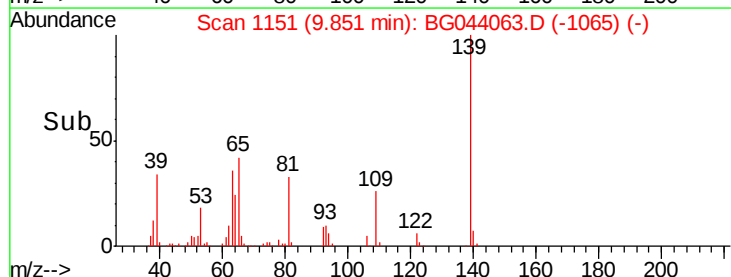
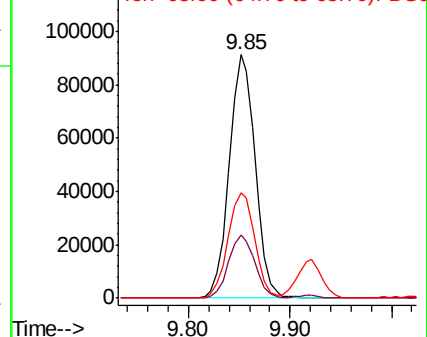
139 100

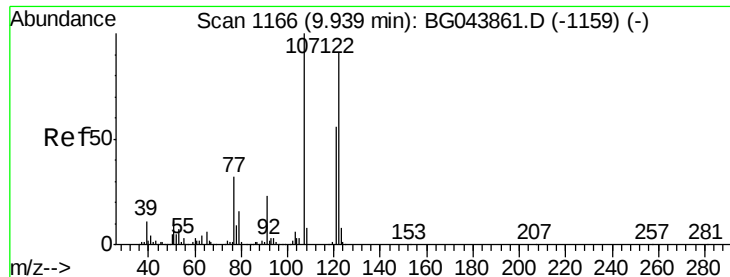
109 25.7 21.3 31.9

65 43.1 38.6 57.8



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

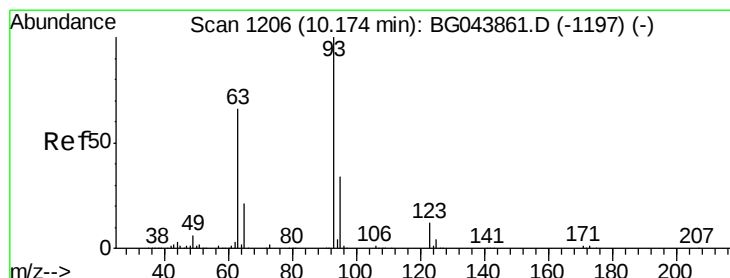
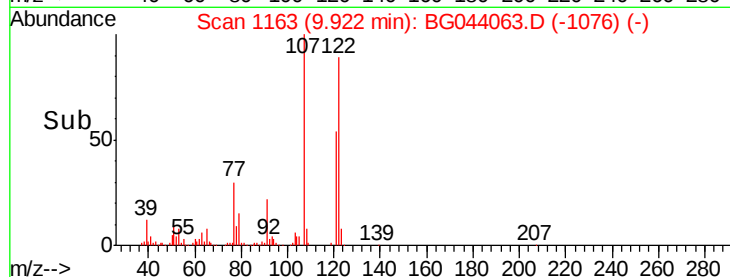
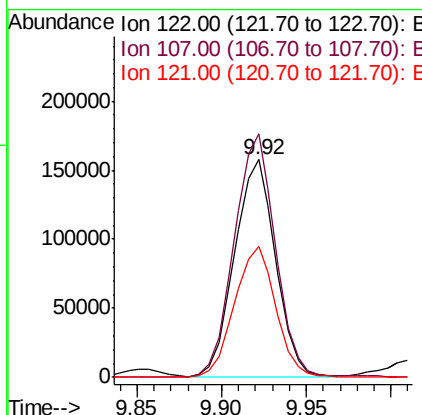
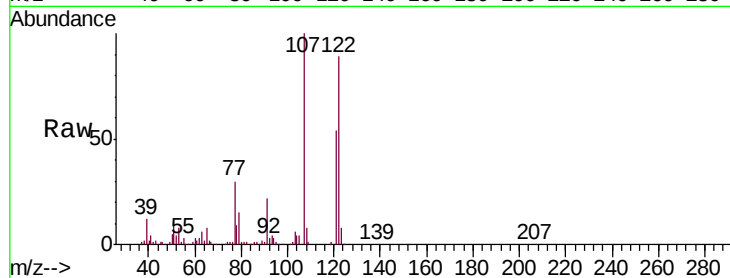




#27
 2,4-Dimethylphenol
 Concen: 45.165 ng
 RT: 9.92 min Scan# 1163
 Delta R.T. -0.02 min
 Lab File: BG044063.D
 Acq: 16 Jan 2020 11:11

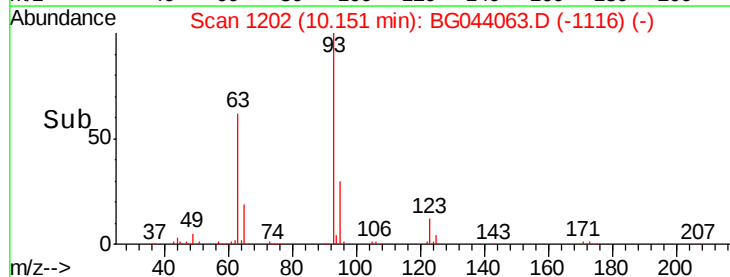
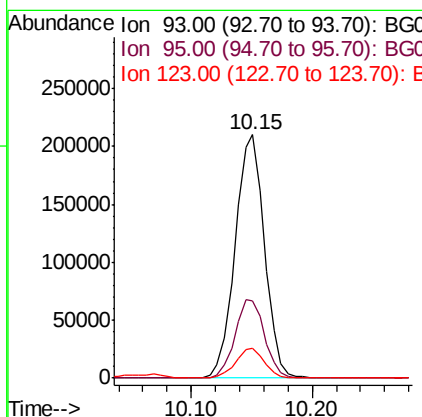
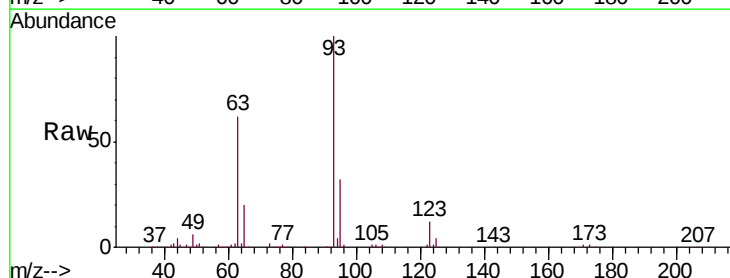
Instrument :
 BNA_G
 ClientSampleId :
 PB126101BS

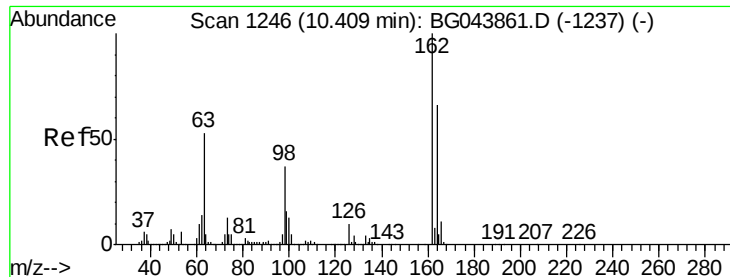
Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.8	88.0	132.0
121	60.1	49.0	73.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.948 ng
 RT: 10.15 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BG044063.D
 Acq: 16 Jan 2020 11:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	27.2	40.8
123	12.1	9.7	14.5

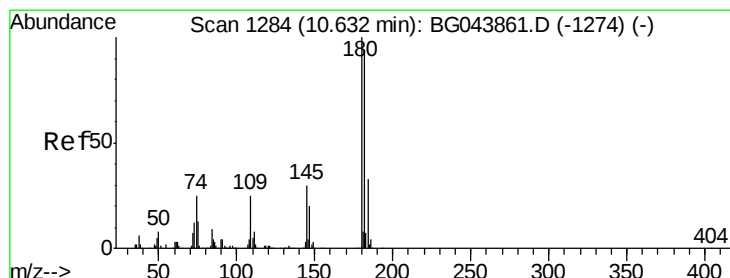
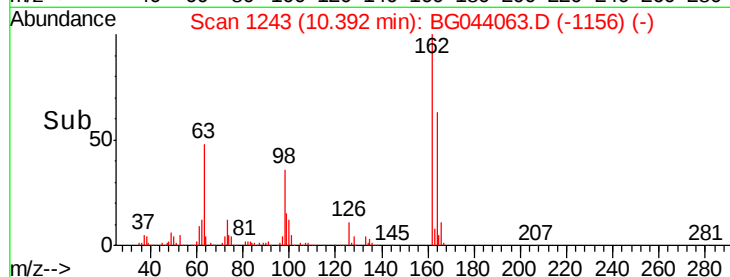
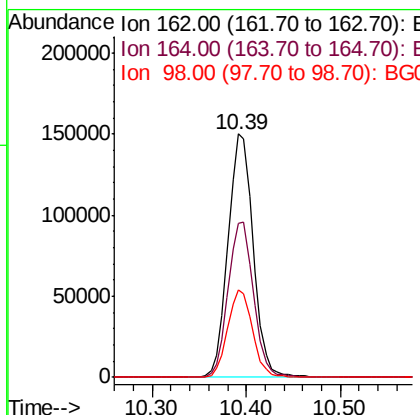
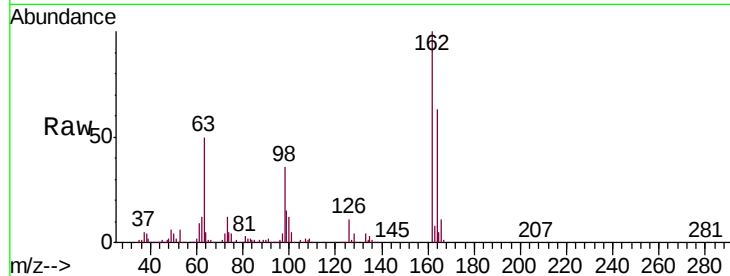




#29
 2,4-Dichlorophenol
 Concen: 39.765 ng
 RT: 10.39 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BG044063.D
 Acq: 16 Jan 2020 11:11

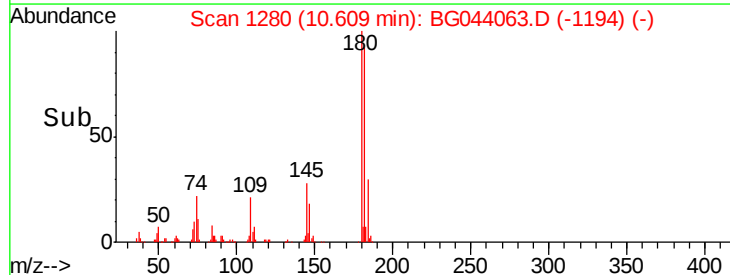
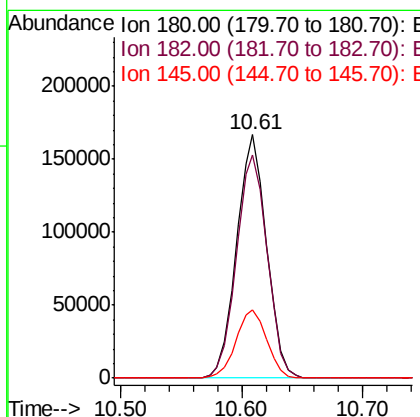
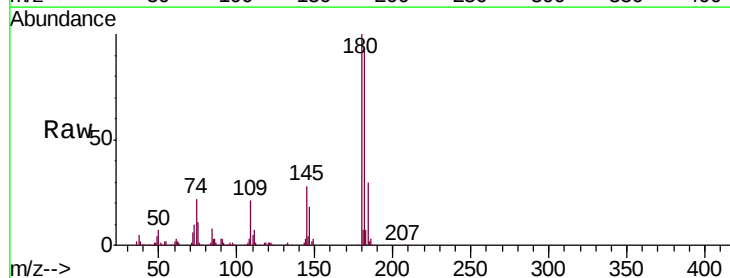
Instrument :
 BNA_G
 ClientSampleId :
 PB126101BS

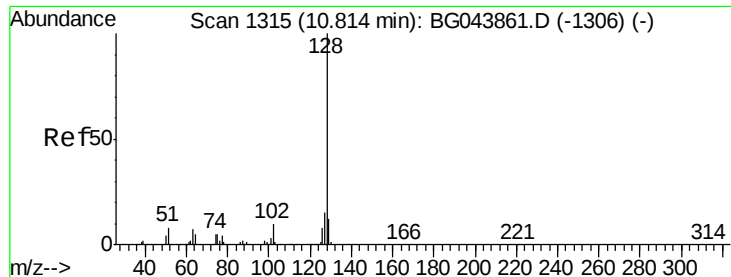
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.2	46.3	86.3
98	35.8	17.3	57.3



#30
 1,2,4-Trichlorobenzene
 Concen: 36.398 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BG044063.D
 Acq: 16 Jan 2020 11:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.6	75.0	112.4
145	28.0	24.2	36.4

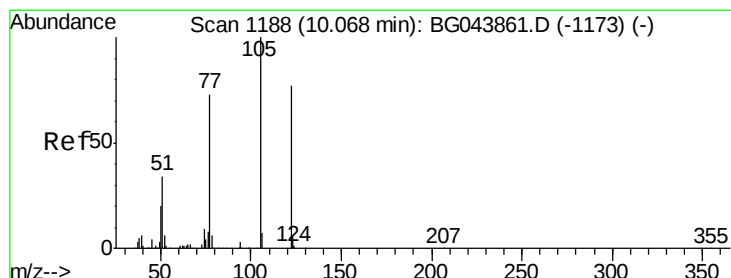
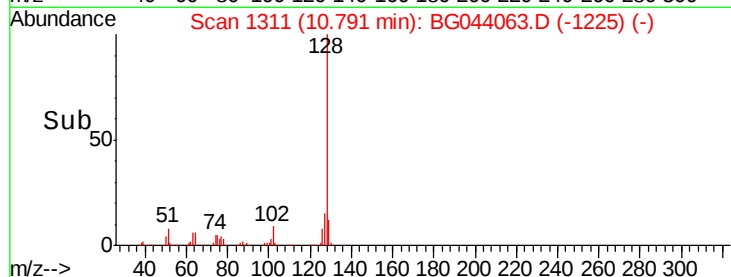
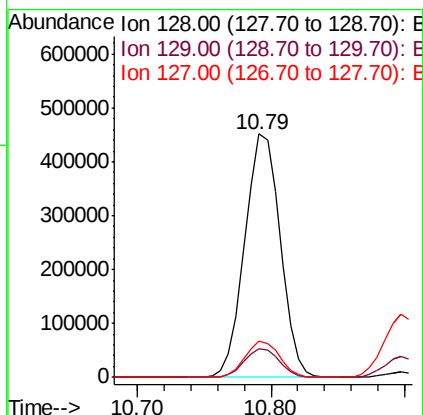
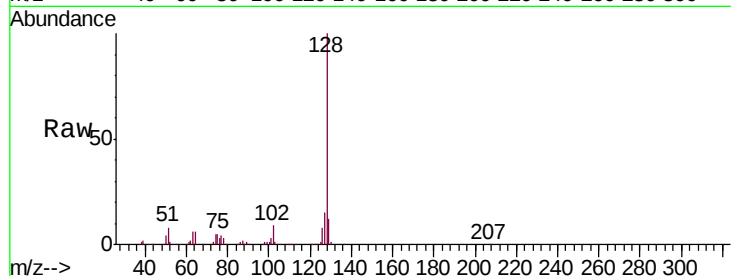




#31
Naphthalene
Concen: 38.282 ng
RT: 10.79 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BG044063.D
Acq: 16 Jan 2020 11:11

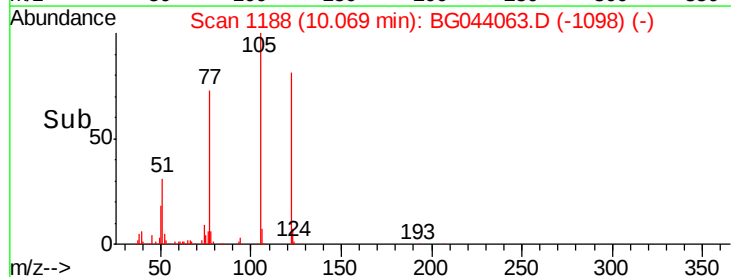
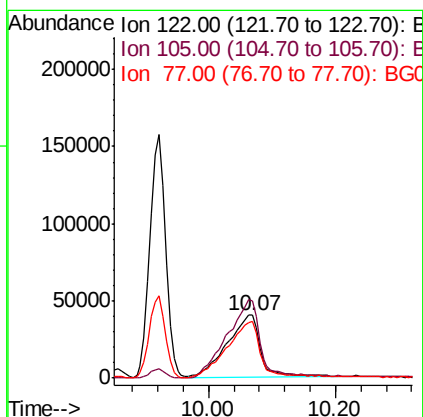
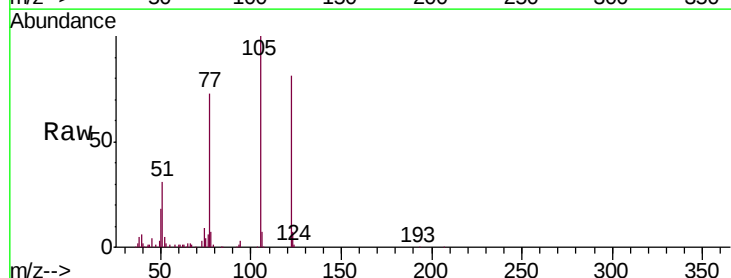
Instrument :
BNA_G
ClientSampleId :
PB126101BS

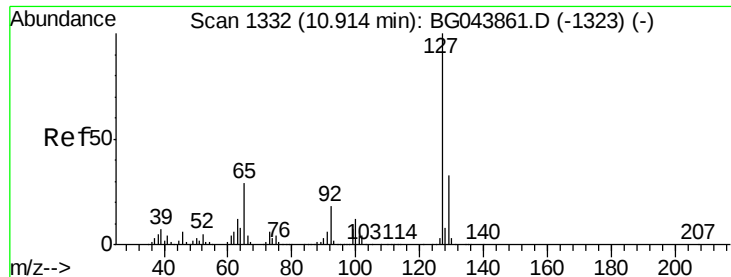
Tgt Ion:128 Resp: 827995
Ion Ratio Lower Upper
128 100
129 11.6 9.8 14.6
127 14.7 12.0 18.0



#32
Benzoic acid
Concen: 32.480 ng
RT: 10.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BG044063.D
Acq: 16 Jan 2020 11:11

Tgt Ion:122 Resp: 144704
Ion Ratio Lower Upper
122 100
105 123.5 106.4 146.4
77 90.0 74.6 114.6

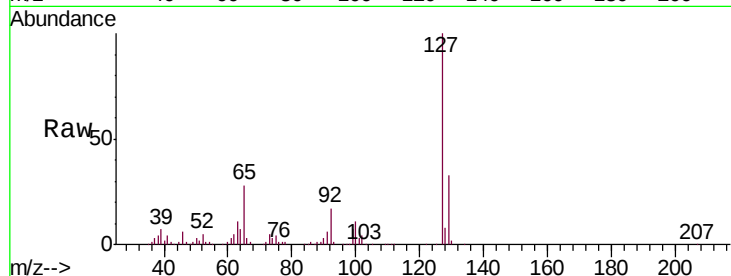




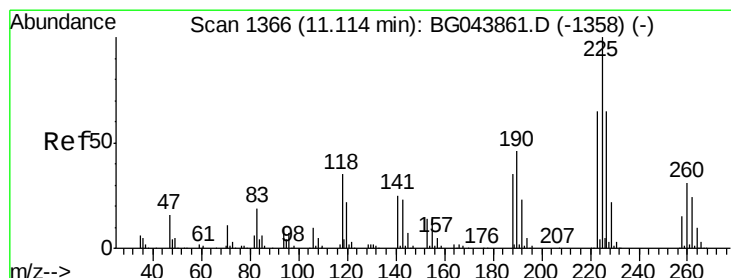
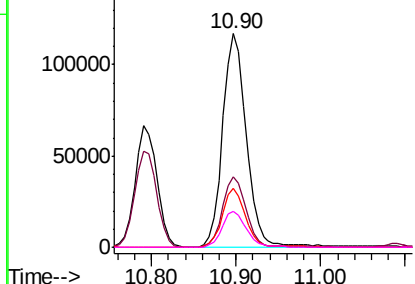
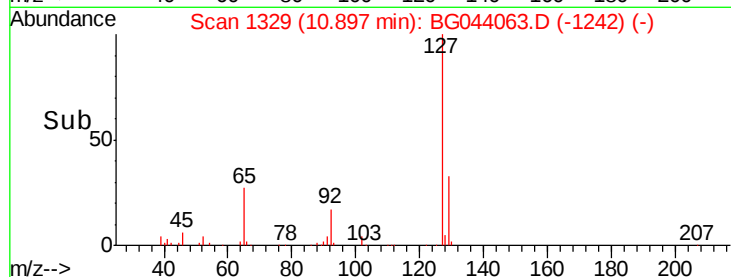
#33
4-Chloroaniline
Concen: 22.125 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BG044063.D
Acq: 16 Jan 2020 11:11

Instrument :
BNA_G
ClientSampleId :
PB126101BS

Tgt Ion:	127	Resp:	228250
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.6	40.0
65	27.5	23.3	34.9
92	17.0	14.7	22.1

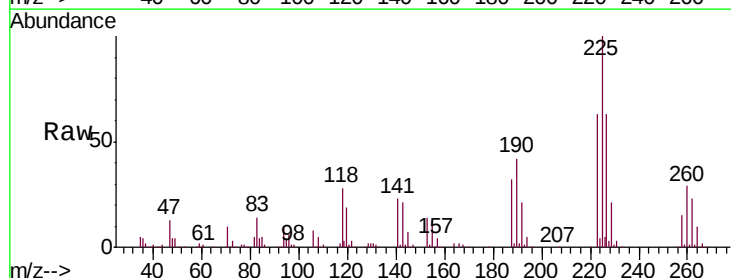


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

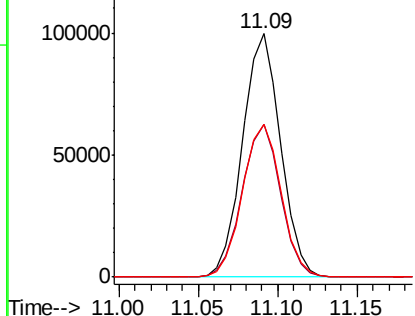
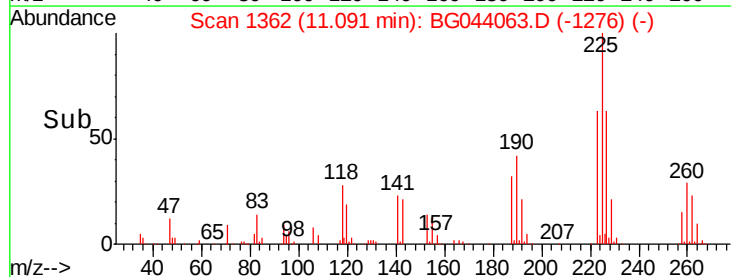


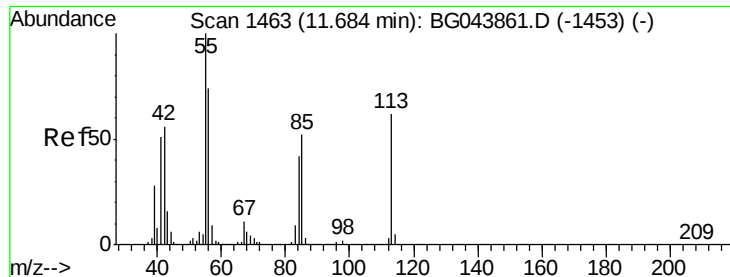
#34
Hexachlorobutadiene
Concen: 34.497 ng
RT: 11.09 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BG044063.D
Acq: 16 Jan 2020 11:11

Tgt Ion:	225	Resp:	166013
Ion	Ratio	Lower	Upper
225	100		
223	62.8	52.2	78.4
227	63.0	52.1	78.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

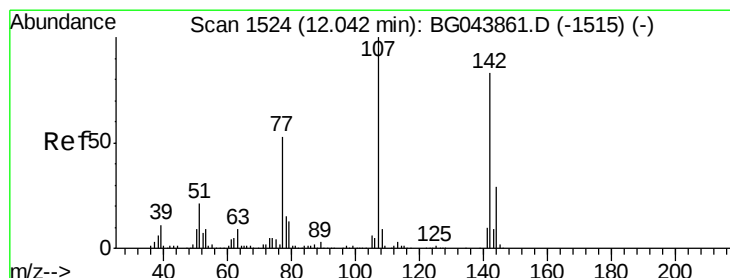
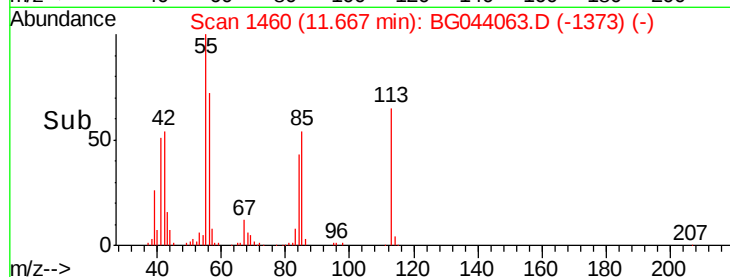
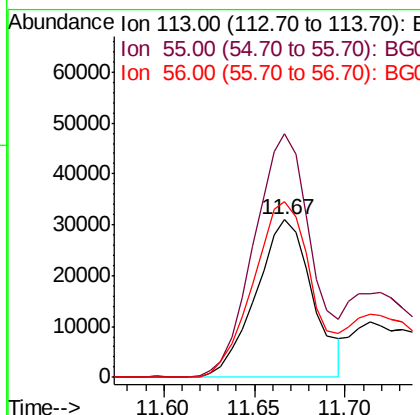
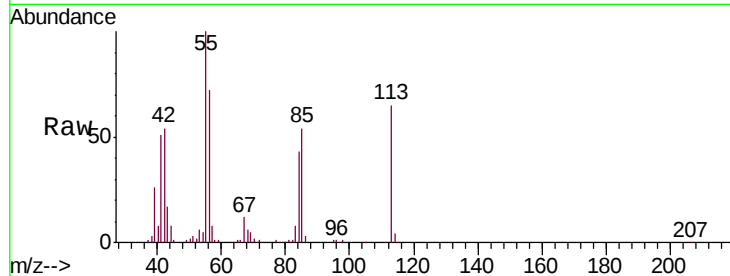




#35
 Caprolactam
 Concen: 25.706 ng
 RT: 11.67 min Scan# 1460
 Delta R.T. -0.02 min
 Lab File: BG044063.D
 Acq: 16 Jan 2020 11:11

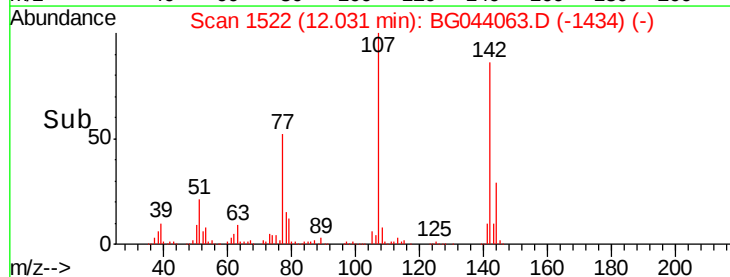
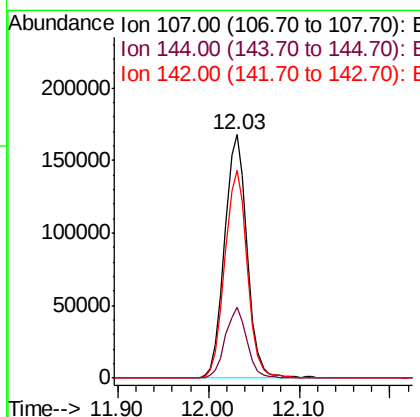
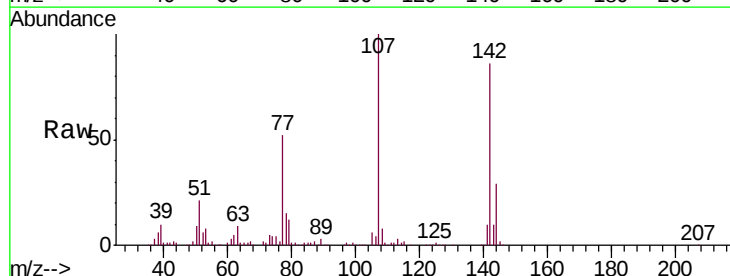
Instrument :
 BNA_G
 ClientSampleId :
 PB126101BS

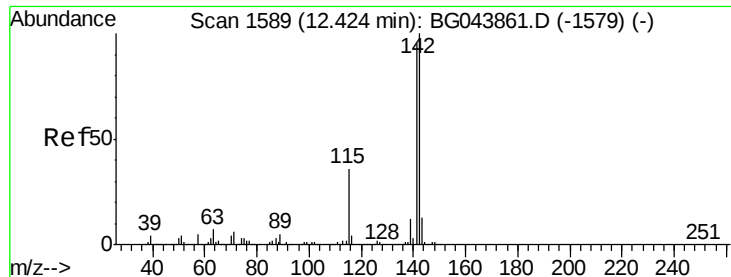
Tgt Ion:113 Resp: 67272
 Ion Ratio Lower Upper
 113 100
 55 154.5 142.5 182.5
 56 111.7 101.4 141.4



#36
 4-Chloro-3-methylphenol
 Concen: 38.639 ng
 RT: 12.03 min Scan# 1522
 Delta R.T. -0.01 min
 Lab File: BG044063.D
 Acq: 16 Jan 2020 11:11

Tgt Ion:107 Resp: 289158
 Ion Ratio Lower Upper
 107 100
 144 29.1 23.4 35.2
 142 85.5 66.3 99.5





#37

2-Methylnaphthalene

Concen: 38.177 ng

RT: 12.40 min Scan# 1585

Delta R.T. -0.02 min

Lab File: BG044063.D

Acq: 16 Jan 2020 11:11

Instrument :

BNA_G

ClientSampleId :

PB126101BS

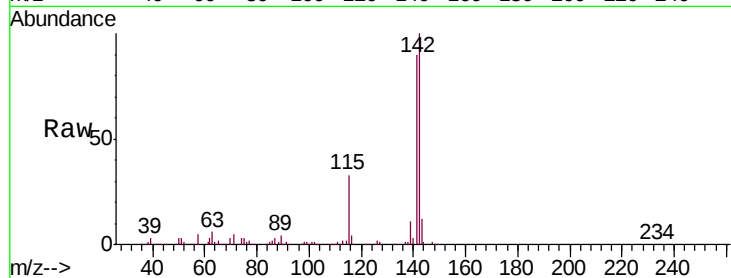
Tgt Ion:142 Resp: 621663

Ion Ratio Lower Upper

142 100

141 89.9 75.8 113.8

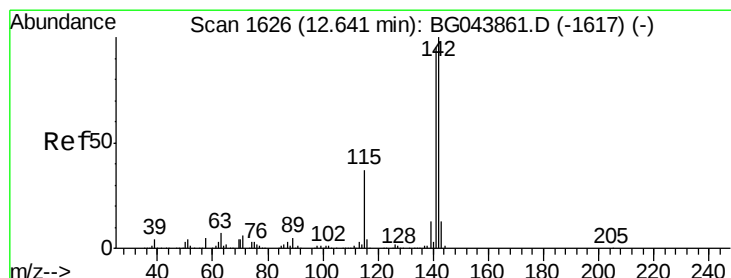
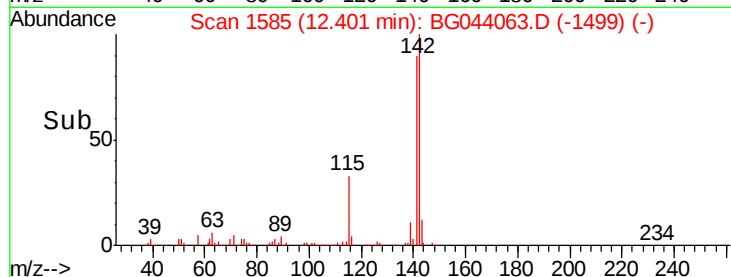
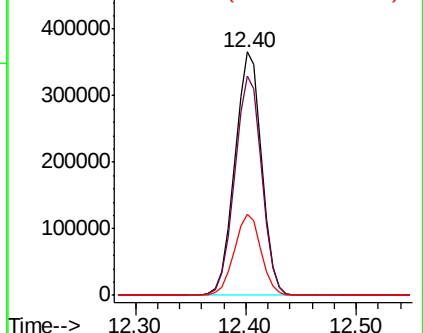
115 33.4 28.6 42.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 37.893 ng

RT: 12.62 min Scan# 1622

Delta R.T. -0.02 min

Lab File: BG044063.D

Acq: 16 Jan 2020 11:11

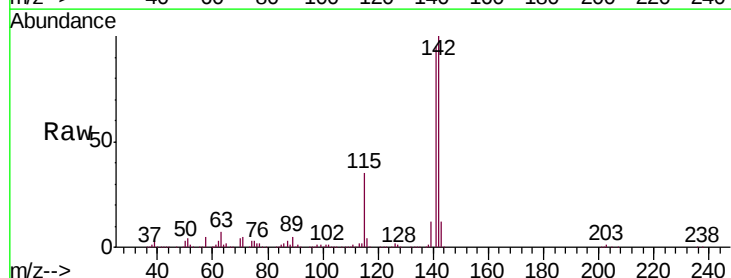
Tgt Ion:142 Resp: 584807

Ion Ratio Lower Upper

142 100

141 95.0 76.0 114.0

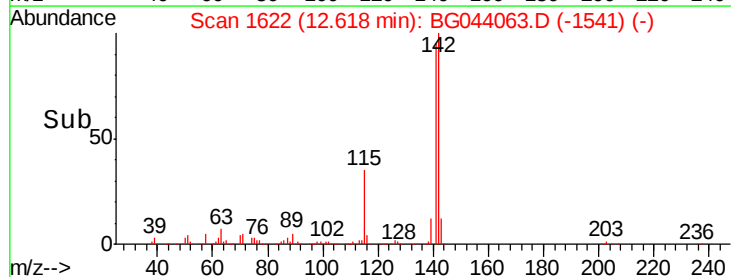
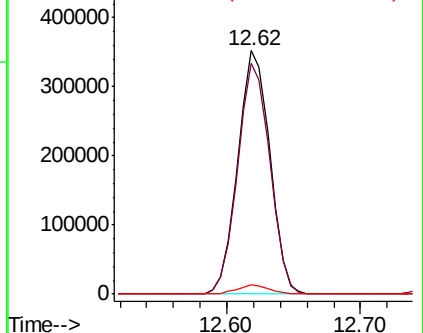
116 3.9 3.1 4.7

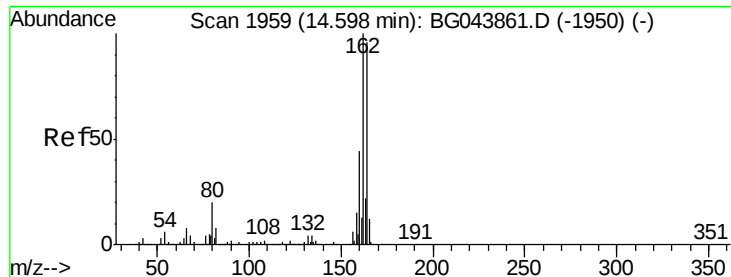


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BG044063.D

Acq: 16 Jan 2020 11:11

Instrument :

BNA_G

ClientSampleId :

PB126101BS

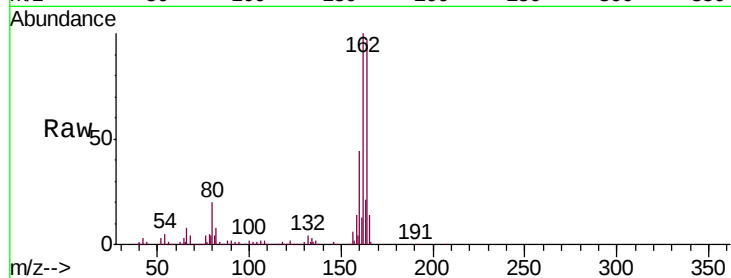
Tgt Ion:164 Resp: 293398

Ion Ratio Lower Upper

164 100

162 102.7 83.0 124.4

160 44.8 36.1 54.1

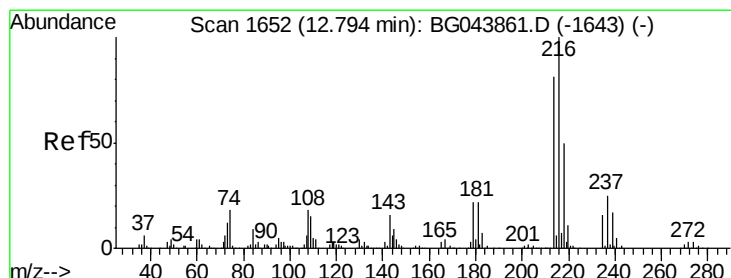
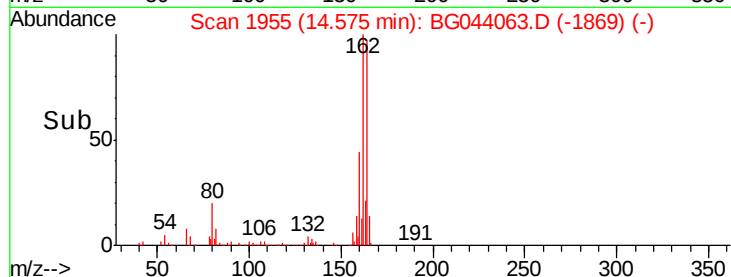
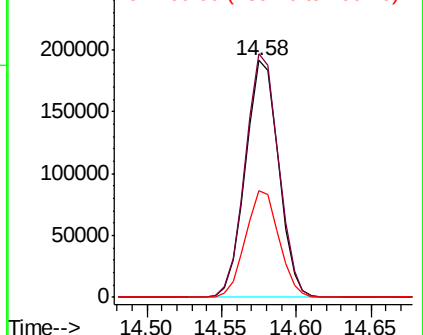


Abundance

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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.552 ng

RT: 12.77 min Scan# 1648

Delta R.T. -0.02 min

Lab File: BG044063.D

Acq: 16 Jan 2020 11:11

Tgt Ion:216 Resp: 297129

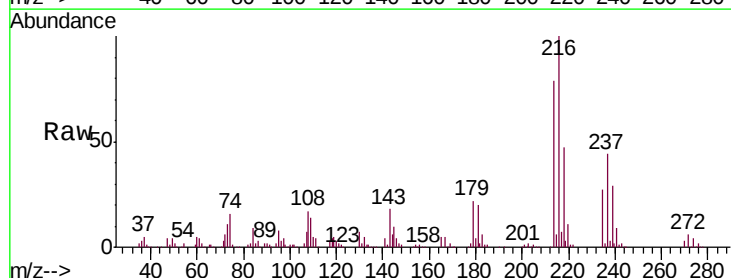
Ion Ratio Lower Upper

216 100

214 79.8 63.8 95.8

179 21.4 17.3 25.9

108 19.0 15.3 22.9



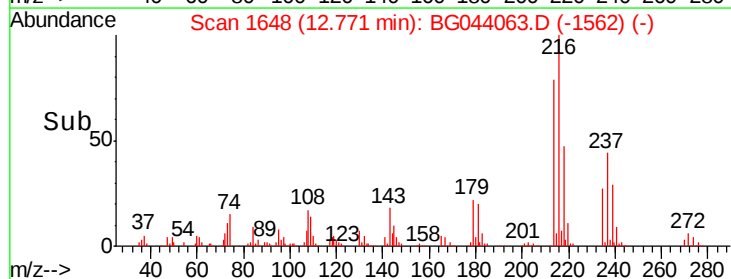
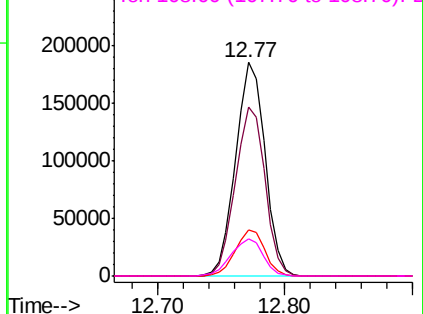
Abundance

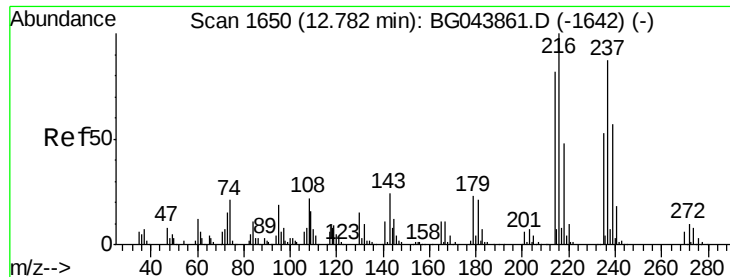
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

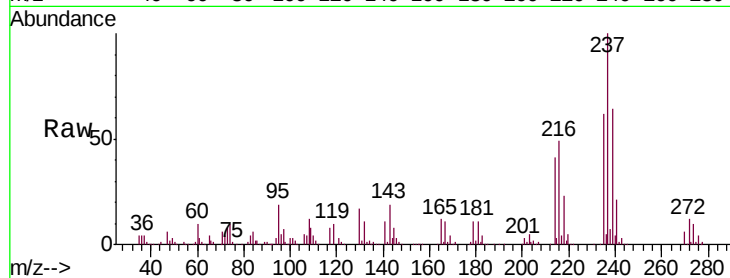




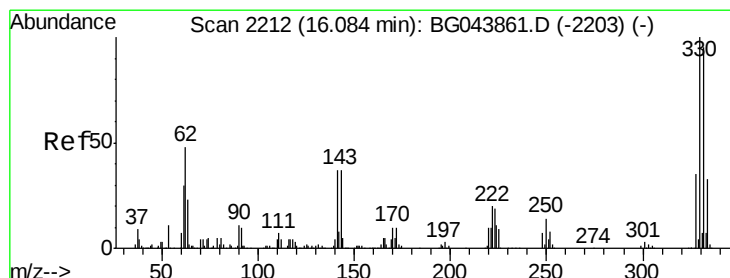
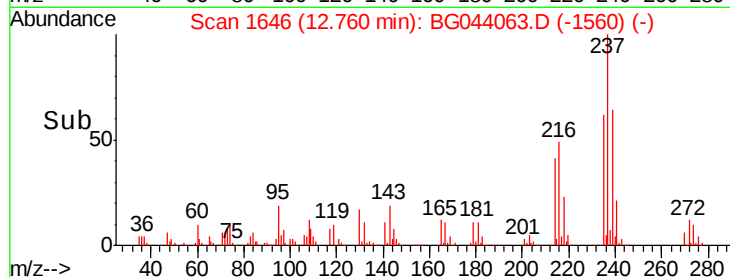
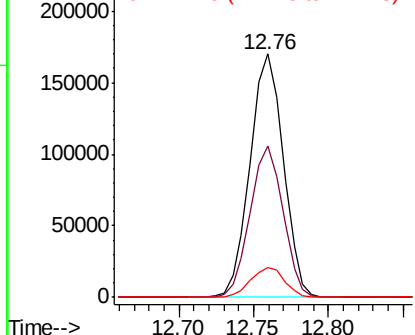
#41
Hexachlorocyclopentadiene
Concen: 58.815 ng
RT: 12.76 min Scan# 1646
Delta R.T. -0.02 min
Lab File: BG044063.D
Acq: 16 Jan 2020 11:11

Instrument :
BNA_G
ClientSampleId :
PB126101BS

Tgt Ion: 237 Resp: 262217
Ion Ratio Lower Upper
237 100
235 62.3 41.1 81.1
272 12.4 0.0 31.7

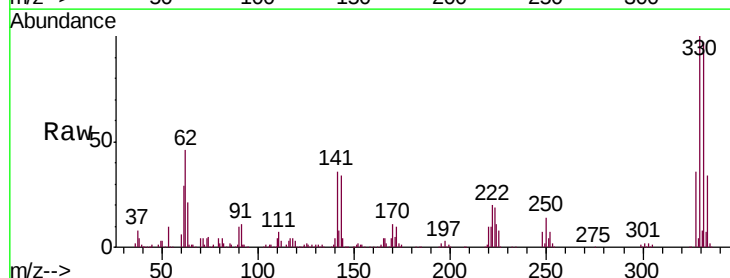


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

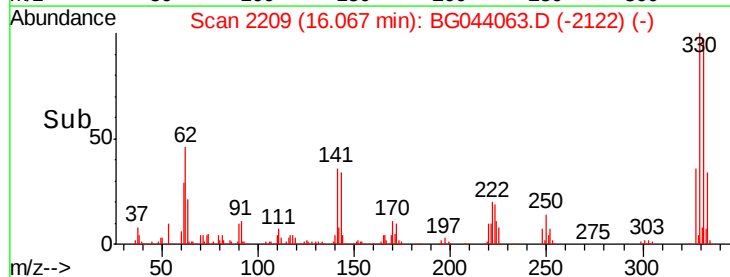
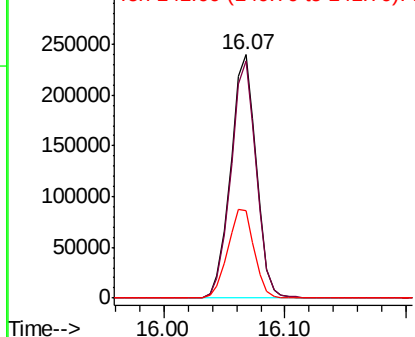


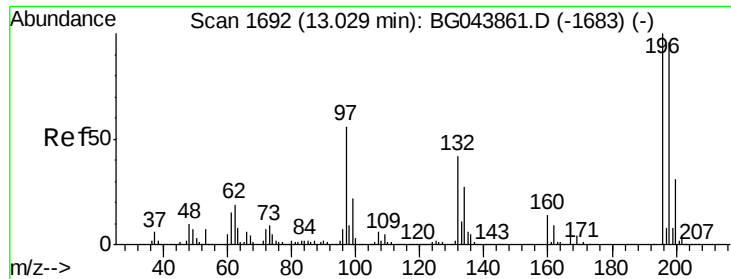
#42
2,4,6-Tribromophenol
Concen: 115.135 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.02 min
Lab File: BG044063.D
Acq: 16 Jan 2020 11:11

Tgt Ion: 330 Resp: 353505
Ion Ratio Lower Upper
330 100
332 96.4 77.2 115.8
141 37.8 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

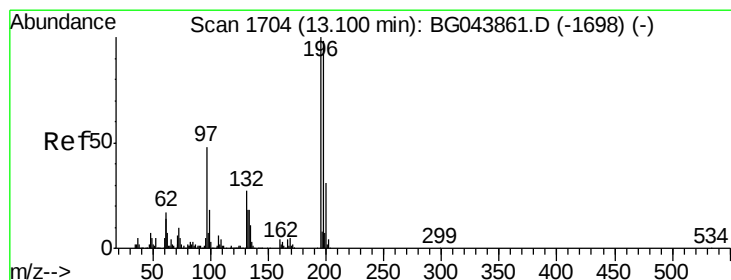
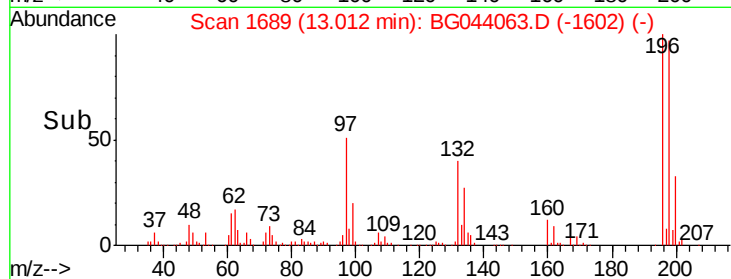
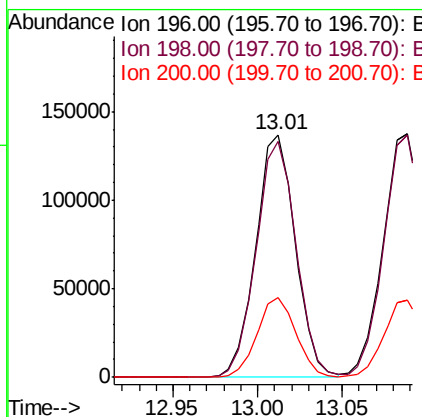
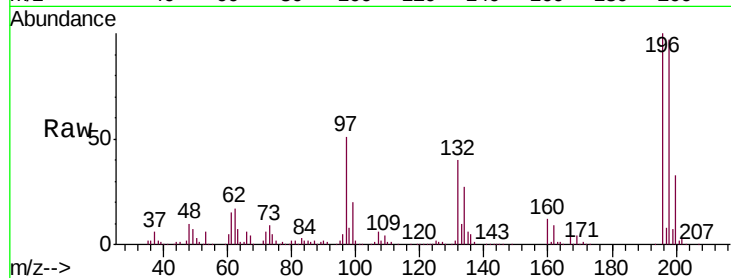




#43
 2,4,6-Trichlorophenol
 Concen: 37.512 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. -0.02 min
 Lab File: BG044063.D
 Acq: 16 Jan 2020 11:11

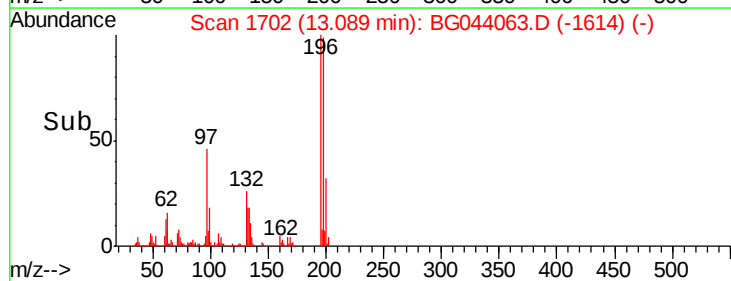
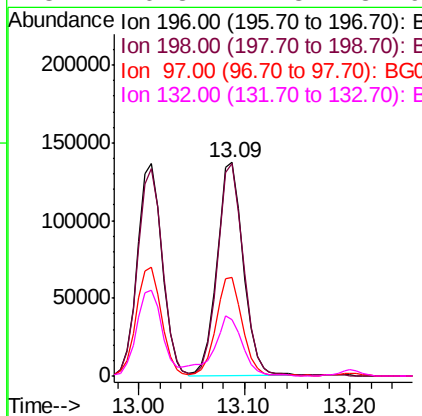
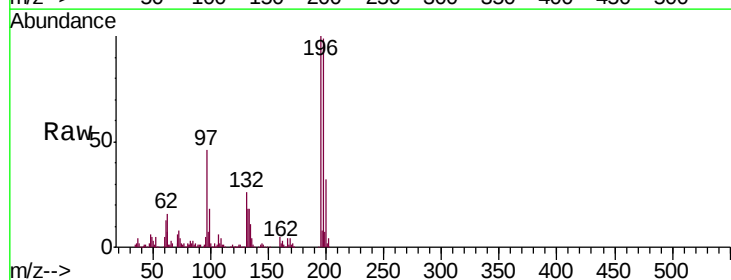
Instrument :
 BNA_G
 ClientSampleId :
 PB126101BS

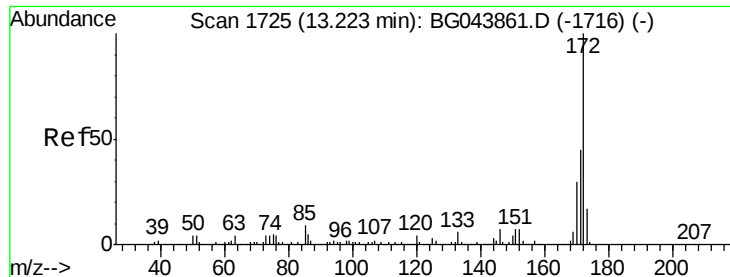
Tgt Ion:196 Resp: 221963
 Ion Ratio Lower Upper
 196 100
 198 97.2 76.6 115.0
 200 32.8 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 39.039 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG044063.D
 Acq: 16 Jan 2020 11:11

Tgt Ion:196 Resp: 238248
 Ion Ratio Lower Upper
 196 100
 198 99.3 78.3 117.5
 97 46.2 38.8 58.2
 132 26.3 21.3 31.9

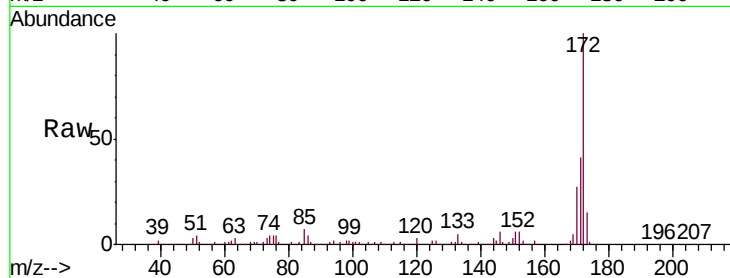




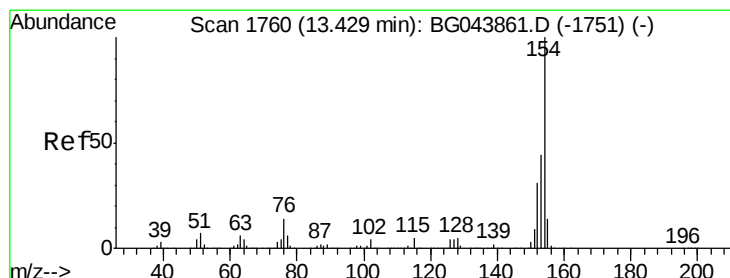
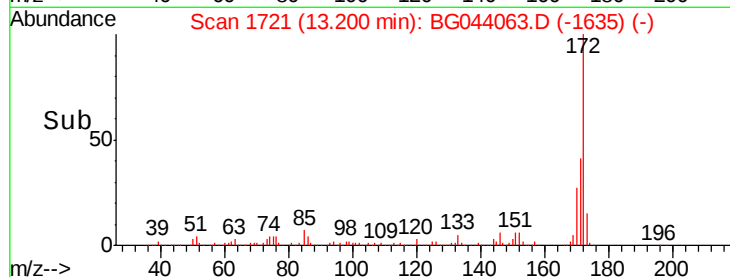
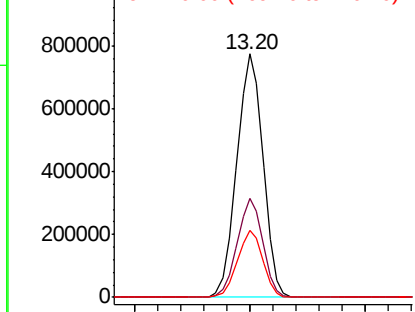
#45
 2-Fluorobiphenyl
 Concen: 75.040 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.02 min
 Lab File: BG044063.D
 Acq: 16 Jan 2020 11:11

Instrument :
 BNA_G
 ClientSampleId :
 PB126101BS

Tgt Ion:172 Resp: 1215201
 Ion Ratio Lower Upper
 172 100
 171 40.8 35.8 53.8
 170 27.4 24.2 36.4

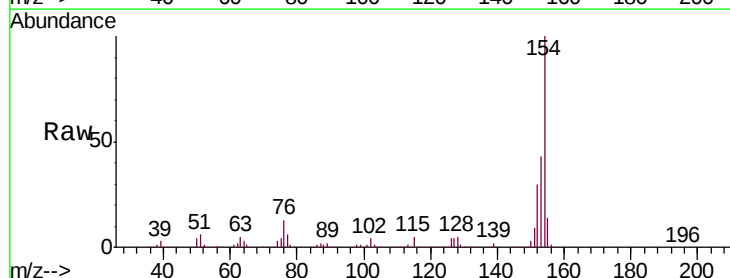


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

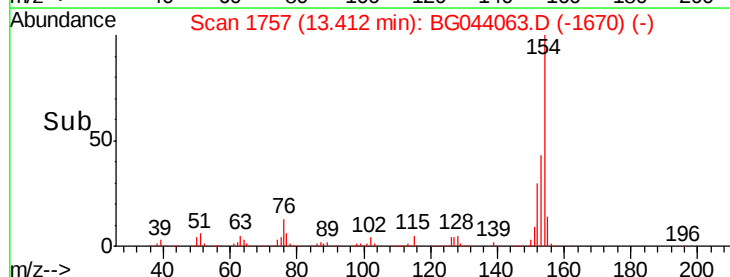
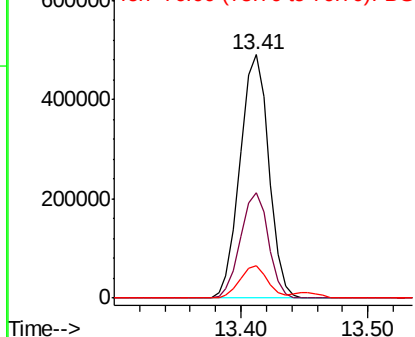


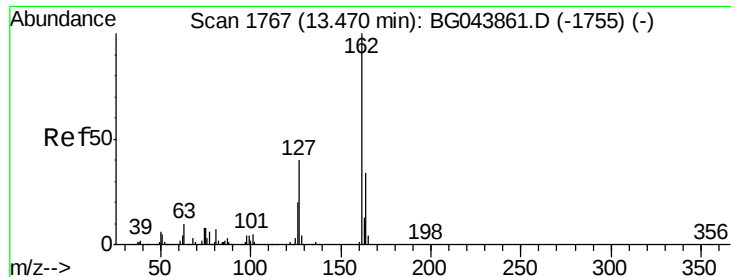
#46
 1,1'-Biphenyl
 Concen: 36.575 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.02 min
 Lab File: BG044063.D
 Acq: 16 Jan 2020 11:11

Tgt Ion:154 Resp: 769393
 Ion Ratio Lower Upper
 154 100
 153 43.4 23.6 63.6
 76 13.1 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): BG

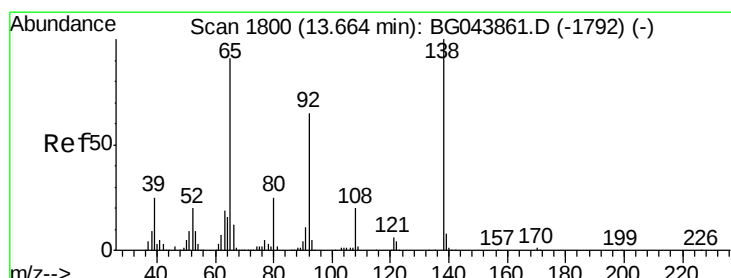
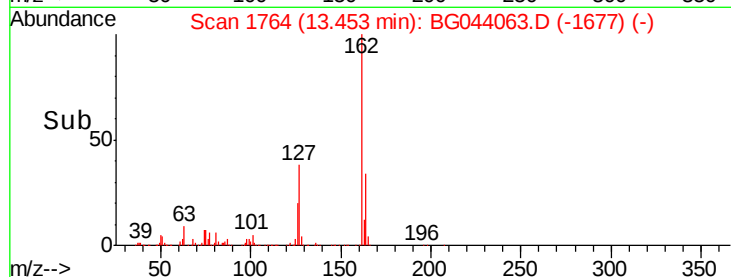
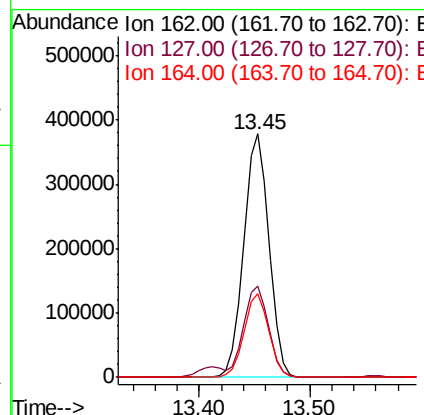
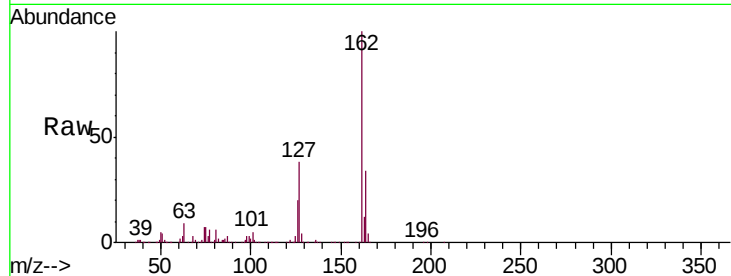




#47
2-Chloronaphthalene
Concen: 35.656 ng
RT: 13.45 min Scan# 1764
Delta R.T. -0.02 min
Lab File: BG044063.D
Acq: 16 Jan 2020 11:11

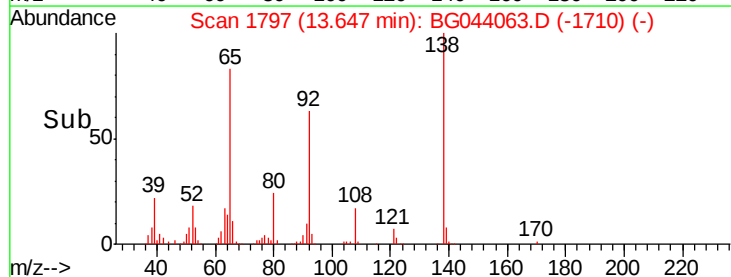
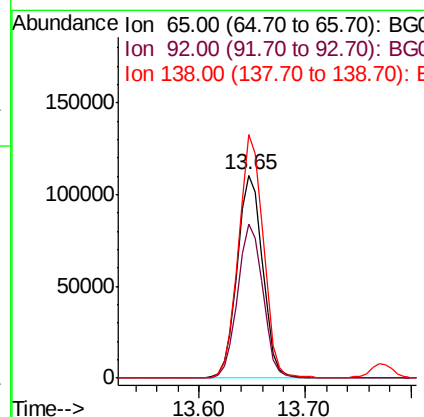
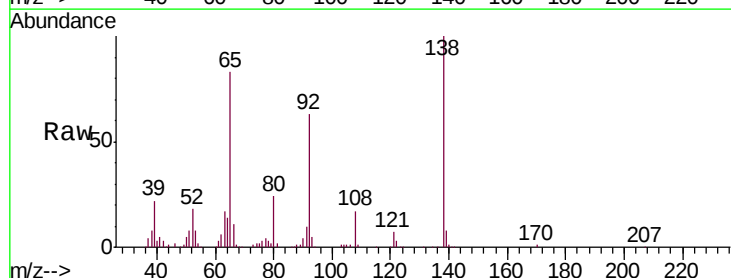
Instrument :
BNA_G
ClientSampleId :
PB126101BS

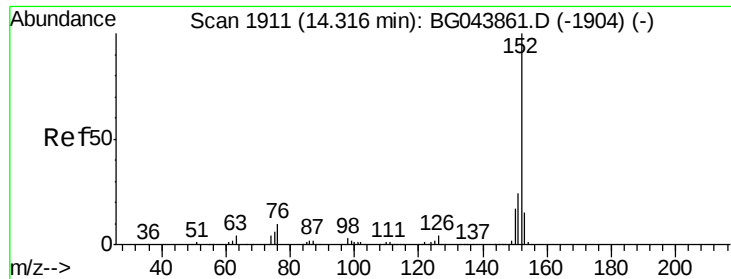
Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.6	32.1	48.1
164	34.4	27.5	41.3



#48
2-Nitroaniline
Concen: 33.505 ng
RT: 13.65 min Scan# 1797
Delta R.T. -0.02 min
Lab File: BG044063.D
Acq: 16 Jan 2020 11:11

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.0	57.4	86.2
138	120.1	88.2	132.4





#49

Acenaphthylene

Concen: 39.124 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.02 min

Lab File: BG044063.D

Acq: 16 Jan 2020 11:11

Instrument :

BNA_G

ClientSampleId :

PB126101BS

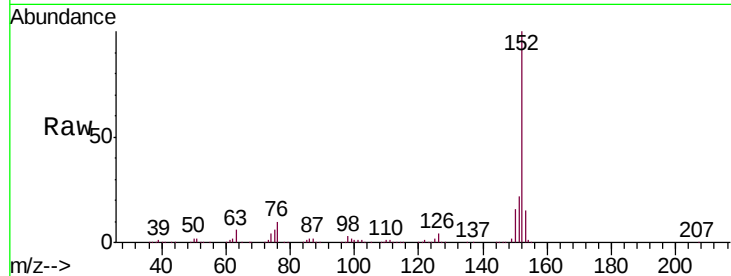
Tgt Ion:152 Resp: 955890

Ion Ratio Lower Upper

152 100

151 22.4 19.4 29.2

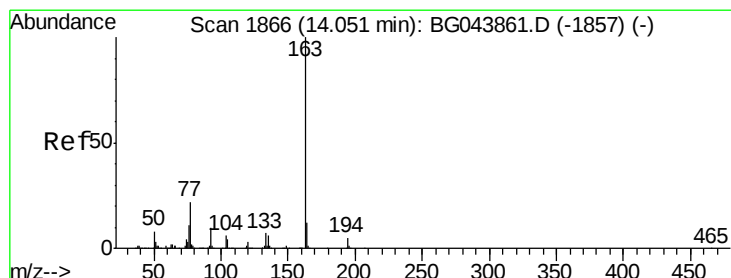
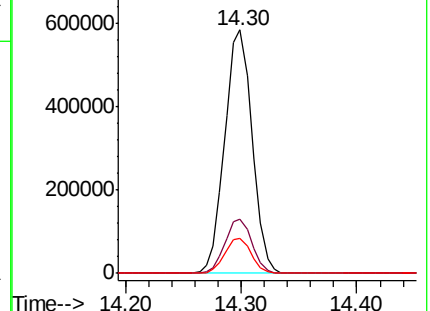
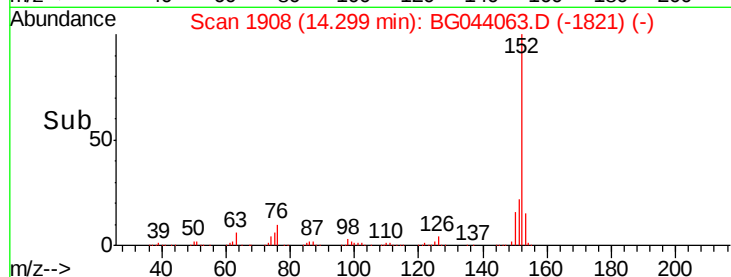
153 14.6 12.0 18.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 36.843 ng

RT: 14.03 min Scan# 1863

Delta R.T. -0.02 min

Lab File: BG044063.D

Acq: 16 Jan 2020 11:11

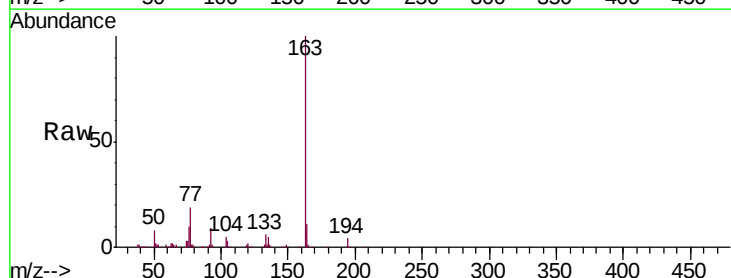
Tgt Ion:163 Resp: 767537

Ion Ratio Lower Upper

163 100

194 4.2 3.7 5.5

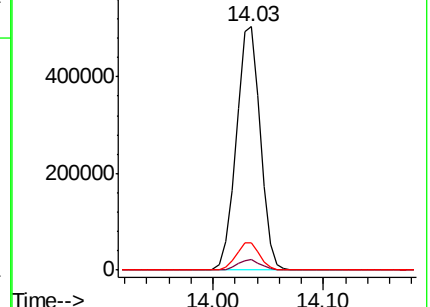
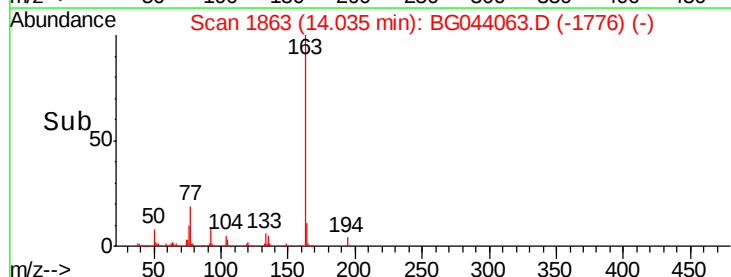
164 11.3 9.3 13.9

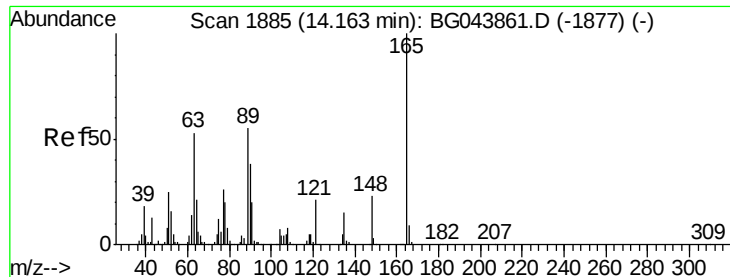


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

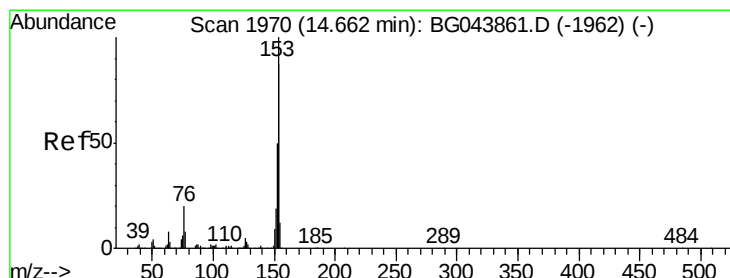
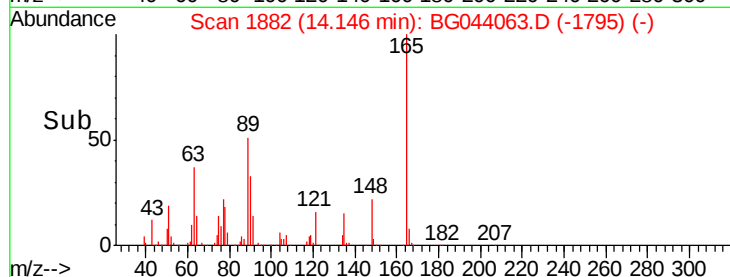
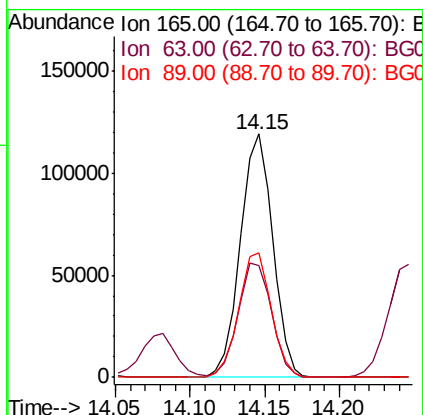
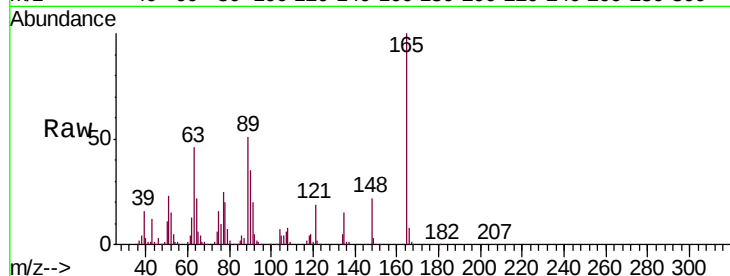




#51
 2,6-Dinitrotoluene
 Concen: 38.081 ng
 RT: 14.15 min Scan# 1882
 Delta R.T. -0.02 min
 Lab File: BG044063.D
 Acq: 16 Jan 2020 11:11

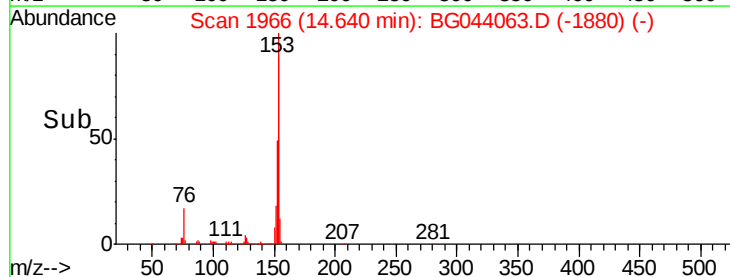
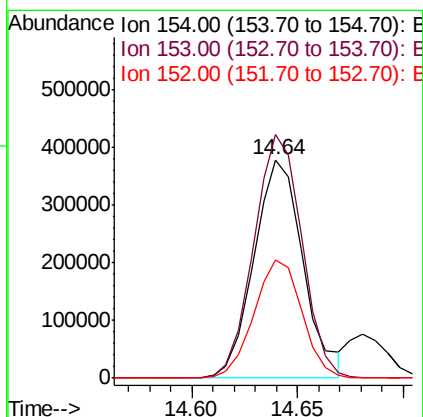
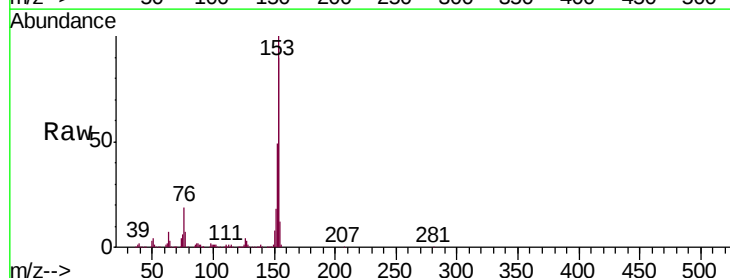
Instrument :
 BNA_G
 ClientSampleId :
 PB126101BS

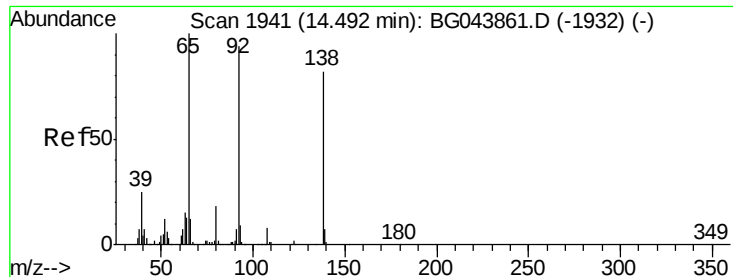
Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.1	43.1	64.7
89	51.1	43.8	65.6



#52
 Acenaphthene
 Concen: 35.677 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.02 min
 Lab File: BG044063.D
 Acq: 16 Jan 2020 11:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.5	91.6	137.4
152	54.2	45.4	68.0

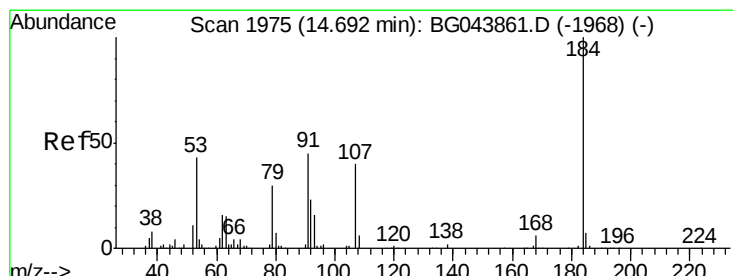
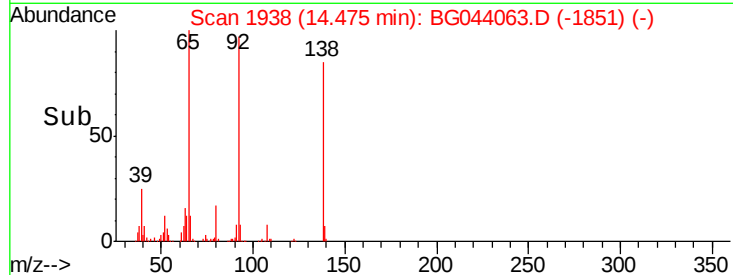
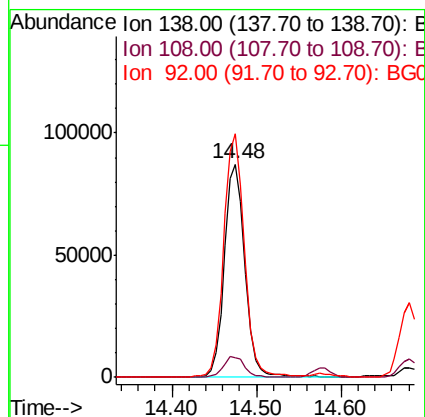
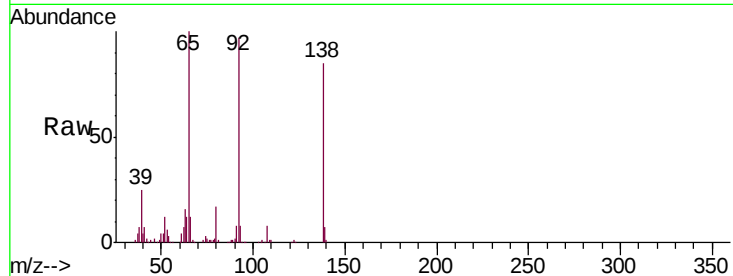




#53
 3-Nitroaniline
 Concen: 27.505 ng
 RT: 14.48 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BG044063.D
 Acq: 16 Jan 2020 11:11

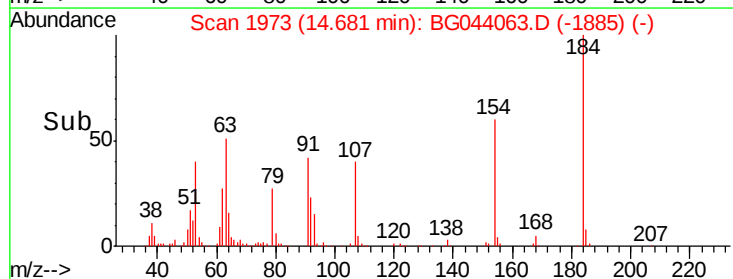
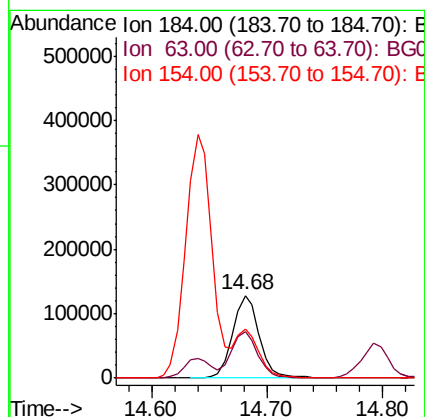
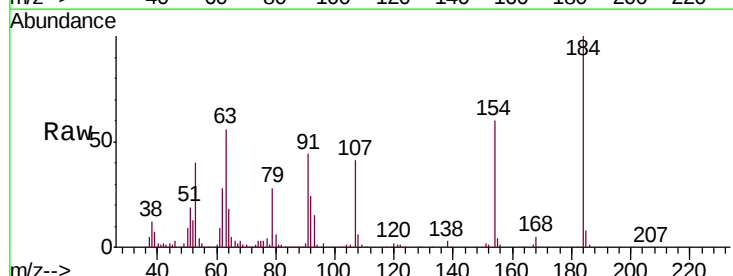
Instrument :
 BNA_G
 ClientSampleId :
 PB126101BS

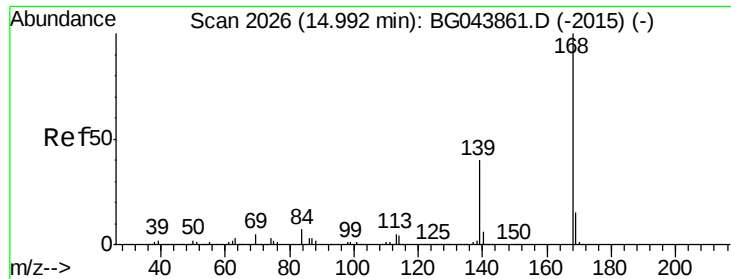
Tgt Ion:138 Resp: 147069
 Ion Ratio Lower Upper
 138 100
 108 9.0 7.4 11.2
 92 114.3 92.1 138.1



#54
 2,4-Dinitrophenol
 Concen: 85.387 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.01 min
 Lab File: BG044063.D
 Acq: 16 Jan 2020 11:11

Tgt Ion:184 Resp: 205779
 Ion Ratio Lower Upper
 184 100
 63 56.1 46.6 70.0
 154 59.7 50.2 75.4





#55

Dibenzofuran

Concen: 39.084 ng

RT: 14.97 min Scan# 2023

Delta R.T. -0.02 min

Lab File: BG044063.D

Acq: 16 Jan 2020 11:11

Instrument :

BNA_G

ClientSampleId :

PB126101BS

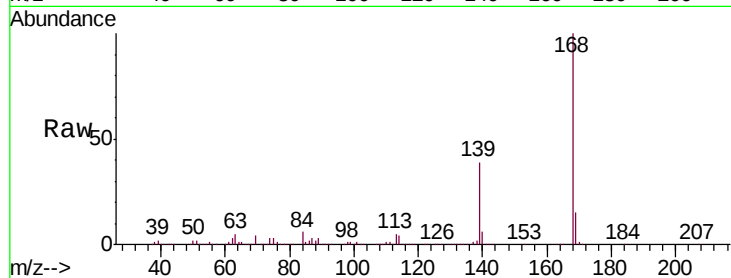
Tgt Ion:168 Resp: 921874

Ion Ratio Lower Upper

168 100

139 39.0 32.2 48.2

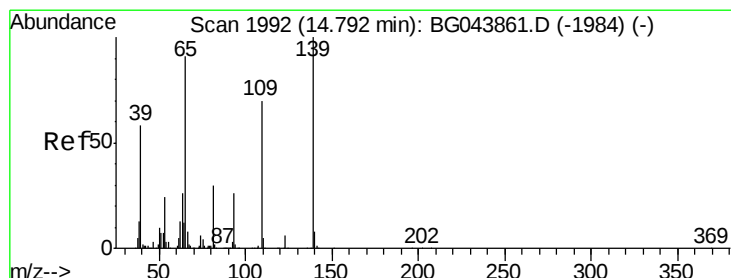
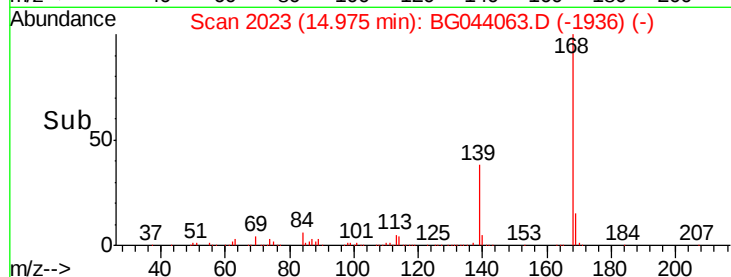
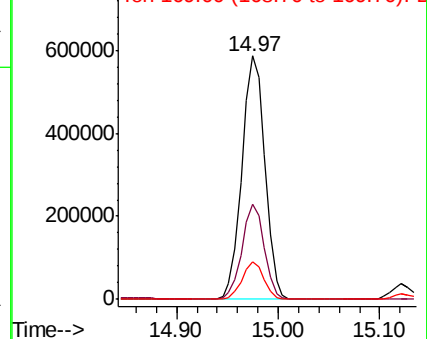
169 15.2 12.2 18.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 85.872 ng

RT: 14.79 min Scan# 1992

Delta R.T. 0.00 min

Lab File: BG044063.D

Acq: 16 Jan 2020 11:11

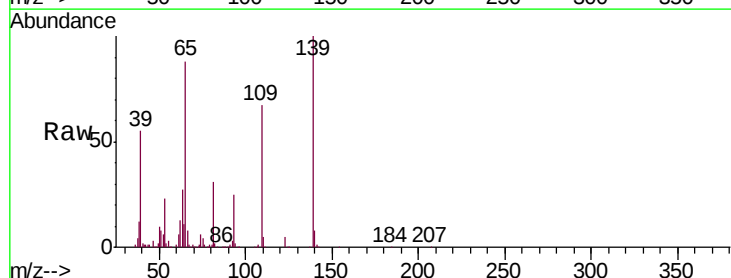
Tgt Ion:139 Resp: 351858

Ion Ratio Lower Upper

139 100

109 66.5 50.4 90.4

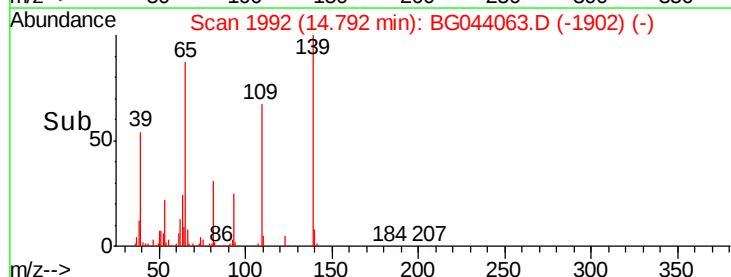
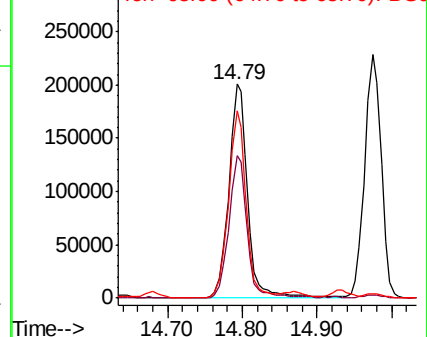
65 87.5 71.4 111.4

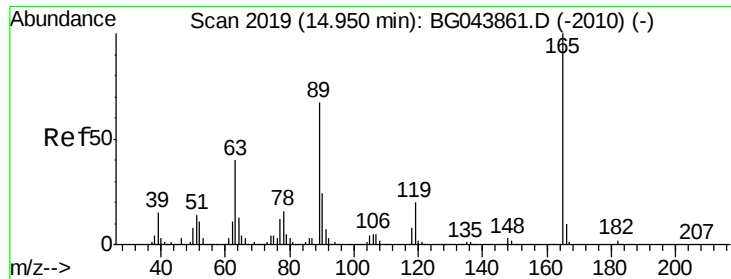


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

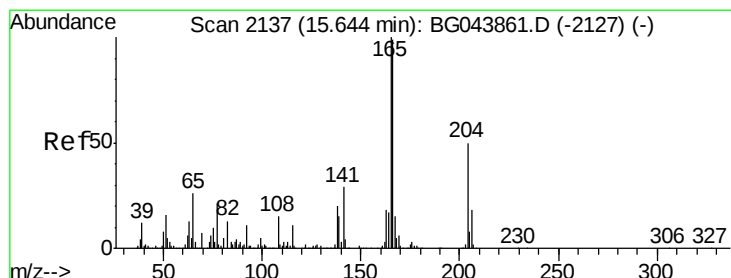
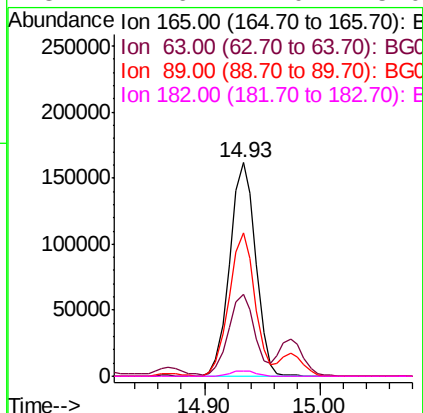
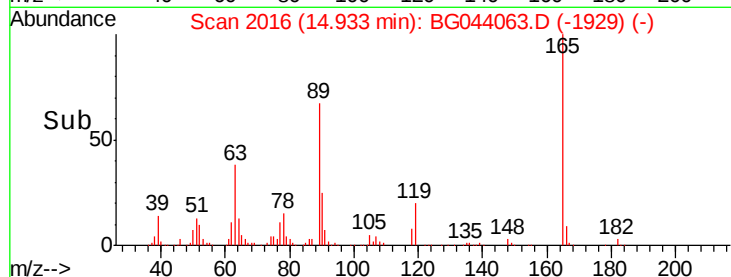
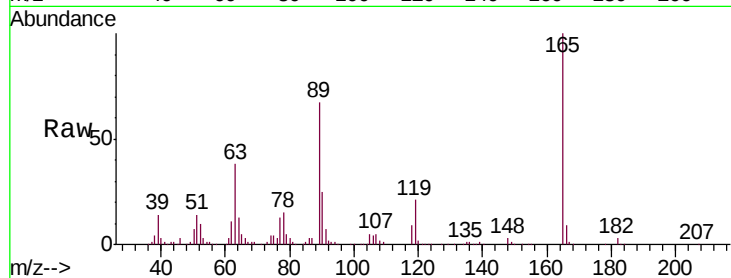




#57
2,4-Dinitrotoluene
Concen: 39.168 ng
RT: 14.93 min Scan# 2016
Delta R.T. -0.02 min
Lab File: BG044063.D
Acq: 16 Jan 2020 11:11

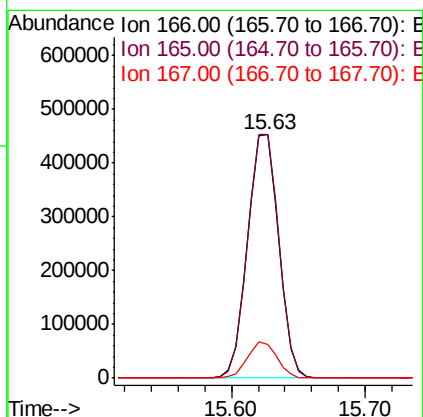
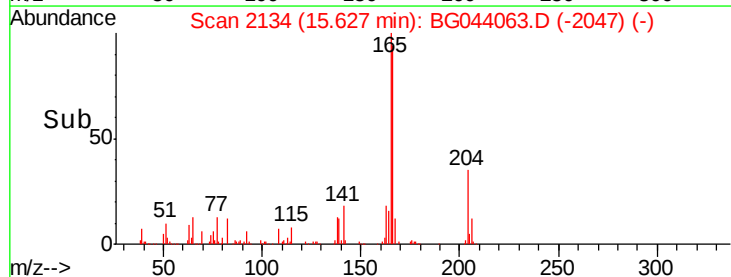
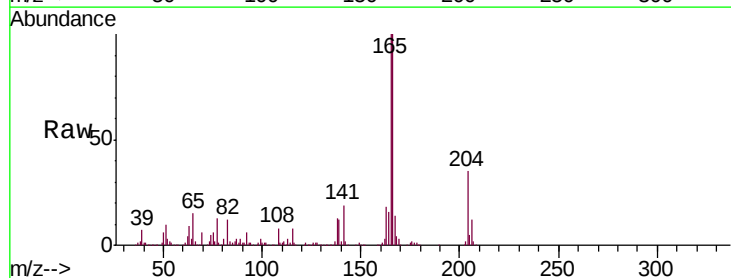
Instrument :
BNA_G
ClientSampleId :
PB126101BS

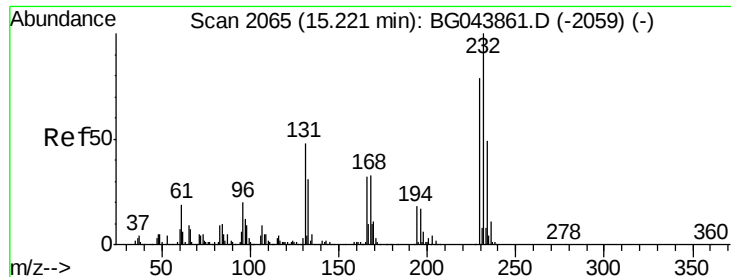
Tgt Ion	Ratio	Lower	Upper
165	100		
63	38.3	31.9	47.9
89	67.0	53.8	80.6
182	2.6	2.0	3.0



#58
Fluorene
Concen: 38.713 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.02 min
Lab File: BG044063.D
Acq: 16 Jan 2020 11:11

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.1	80.8	121.2
167	14.1	12.1	18.1

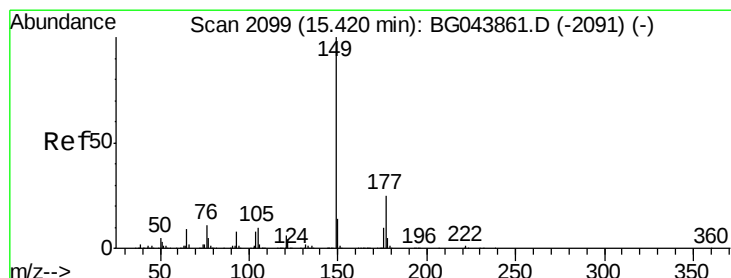
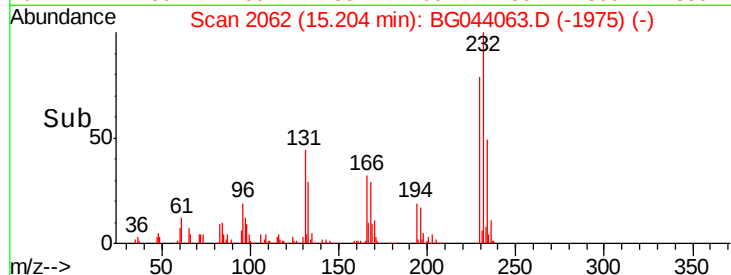
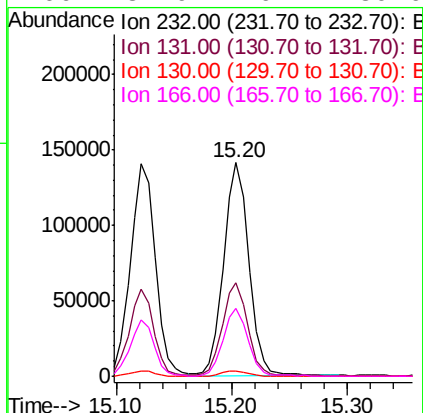
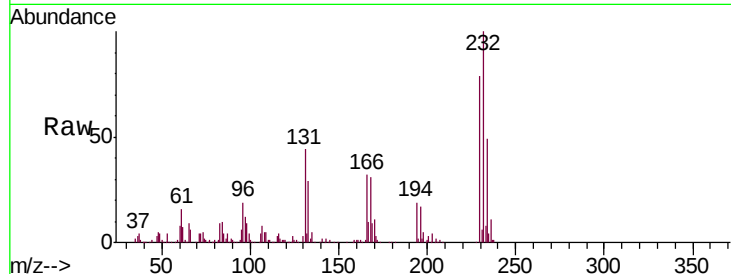




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.670 ng
RT: 15.20 min Scan# 2062
Delta R.T. -0.02 min
Lab File: BG044063.D
Acq: 16 Jan 2020 11:11

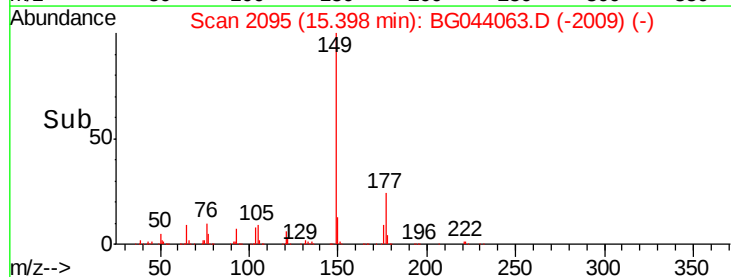
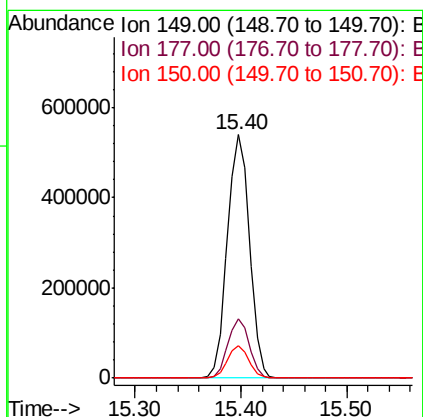
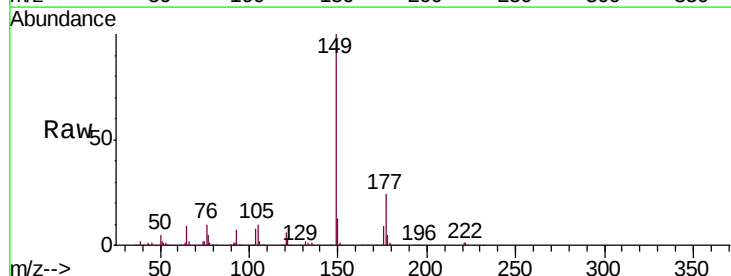
Instrument :
BNA_G
ClientSampleId :
PB126101BS

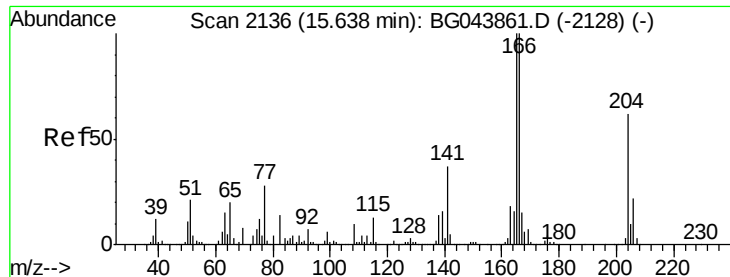
Tgt Ion:	232	Resp:	213426
Ion	Ratio	Lower	Upper
232	100		
131	44.0	38.2	57.2
130	2.6	2.2	3.2
166	31.9	26.4	39.6



#60
Diethylphthalate
Concen: 37.358 ng
RT: 15.40 min Scan# 2095
Delta R.T. -0.02 min
Lab File: BG044063.D
Acq: 16 Jan 2020 11:11

Tgt Ion:	149	Resp:	778416
Ion	Ratio	Lower	Upper
149	100		
177	24.4	20.0	30.0
150	13.4	11.1	16.7

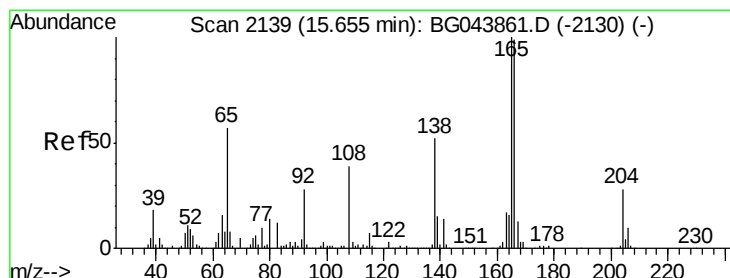
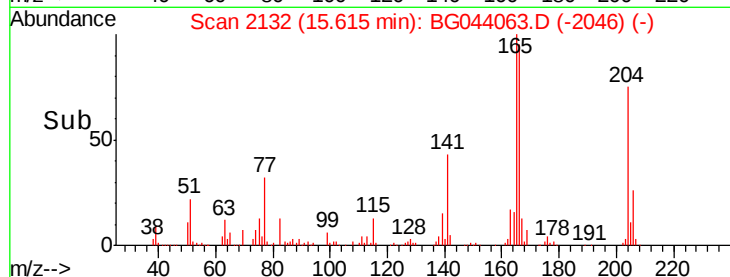
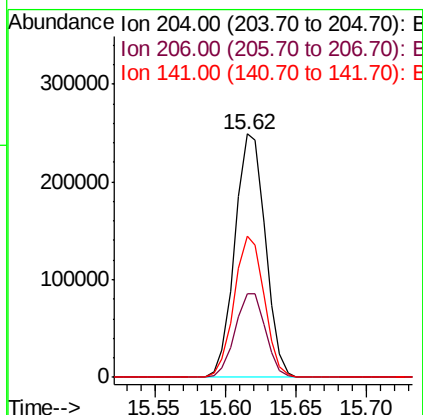
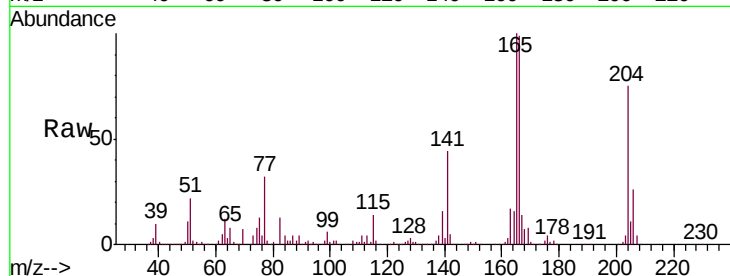




#61
4-Chlorophenyl-phenylether
Concen: 36.884 ng
RT: 15.62 min Scan# 2132
Delta R.T. -0.02 min
Lab File: BG044063.D
Acq: 16 Jan 2020 11:11

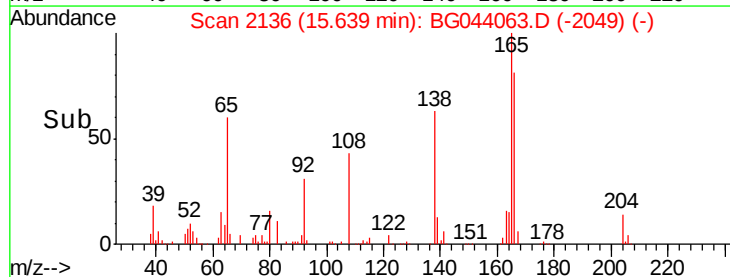
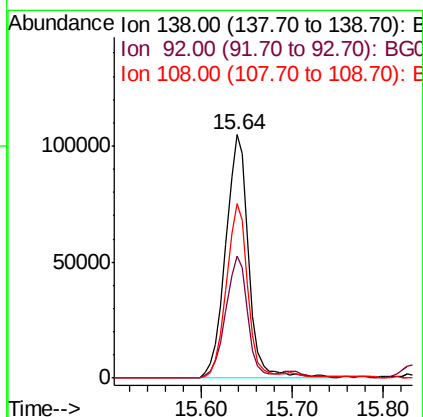
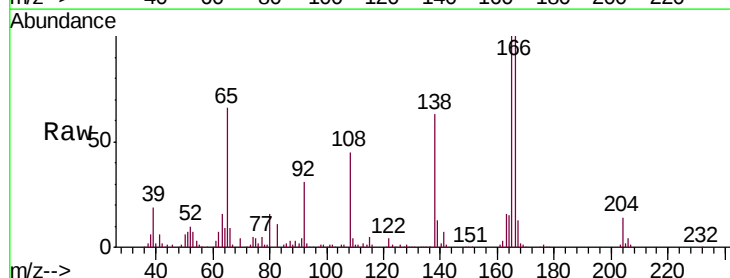
Instrument :
BNA_G
ClientSampleId :
PB126101BS

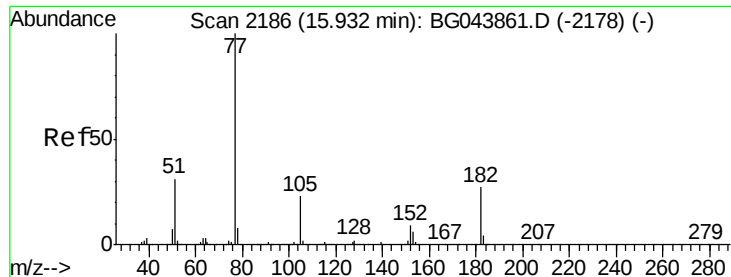
Tgt Ion:204 Resp: 374421
Ion Ratio Lower Upper
204 100
206 34.6 28.2 42.2
141 58.1 48.2 72.2



#62
4-Nitroaniline
Concen: 35.107 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.02 min
Lab File: BG044063.D
Acq: 16 Jan 2020 11:11

Tgt Ion:138 Resp: 185375
Ion Ratio Lower Upper
138 100
92 50.2 34.3 74.3
108 71.6 55.0 95.0





#63

Azobenzene

Concen: 36.799 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.02 min

Lab File: BG044063.D

Acq: 16 Jan 2020 11:11

Instrument :

BNA_G

ClientSampleId :

PB126101BS

Tgt Ion: 77 Resp: 711087

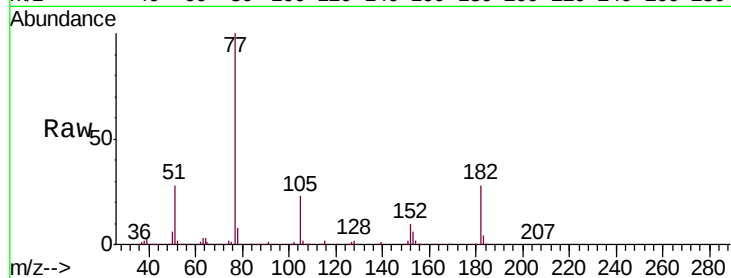
Ion Ratio Lower Upper

77 100

182 27.8 7.3 47.3

105 22.6 3.2 43.2

51 28.4 10.6 50.6

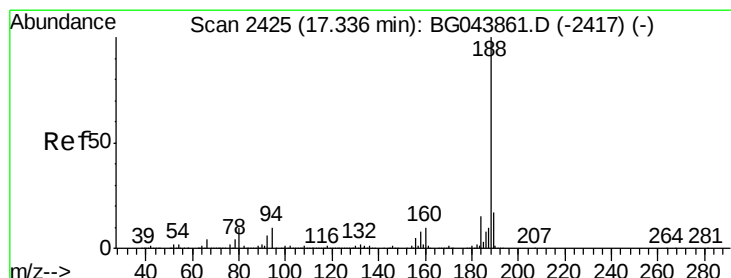
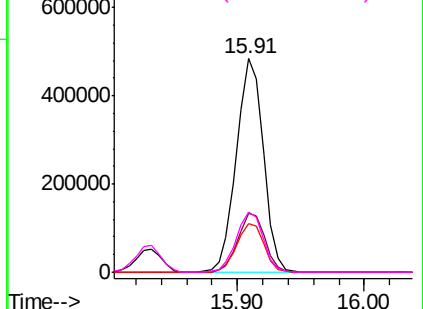
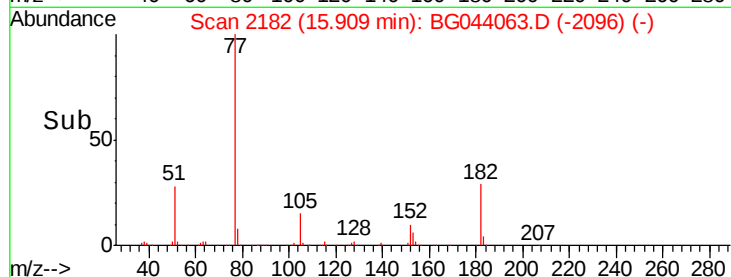


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.32 min Scan# 2422

Delta R.T. -0.02 min

Lab File: BG044063.D

Acq: 16 Jan 2020 11:11

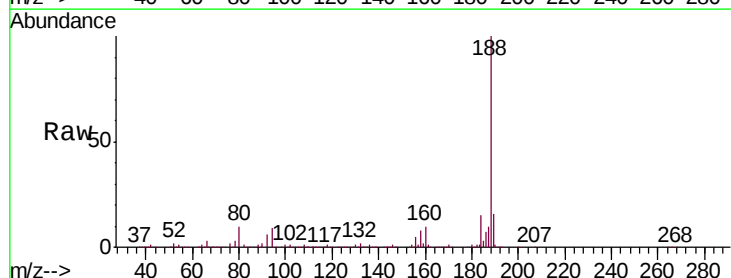
Tgt Ion: 188 Resp: 643313

Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

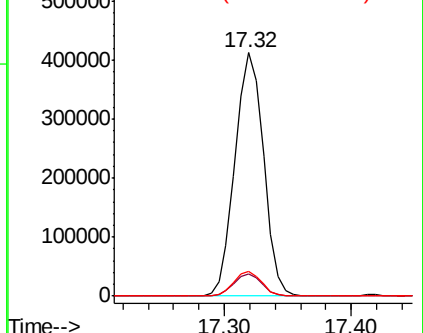
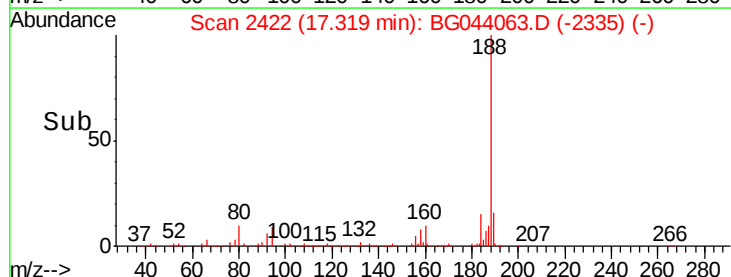
80 10.0 8.2 12.4

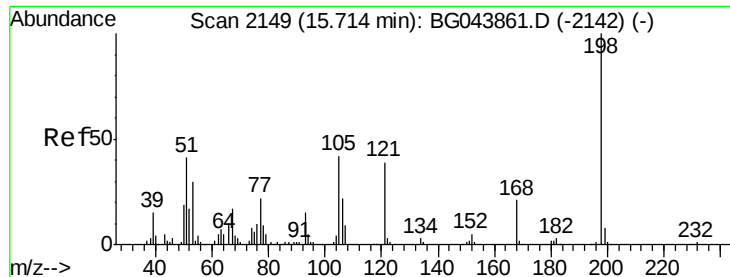


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 46.062 ng

RT: 15.70 min Scan# 2146

Delta R.T. -0.02 min

Lab File: BG044063.D

Acq: 16 Jan 2020 11:11

Instrument :

BNA_G

ClientSampleId :

PB126101BS

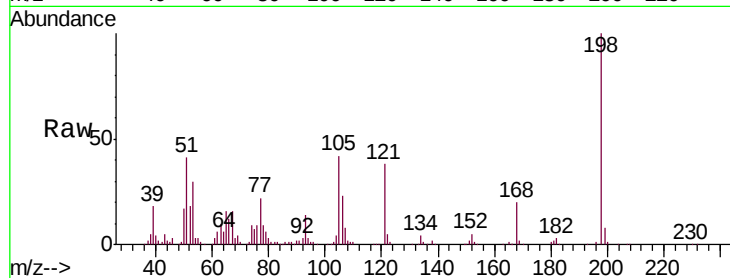
Tgt Ion:198 Resp: 152027

Ion Ratio Lower Upper

198 100

51 40.9 22.5 62.5

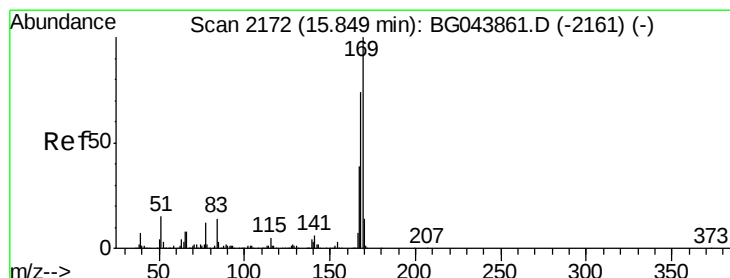
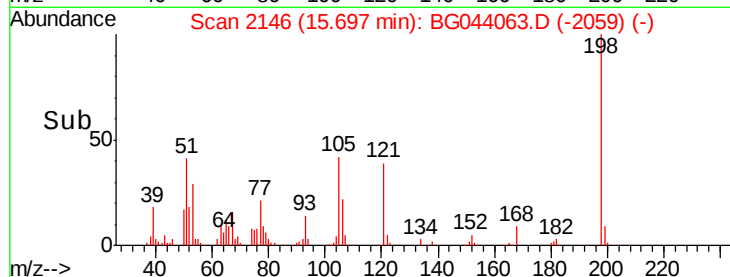
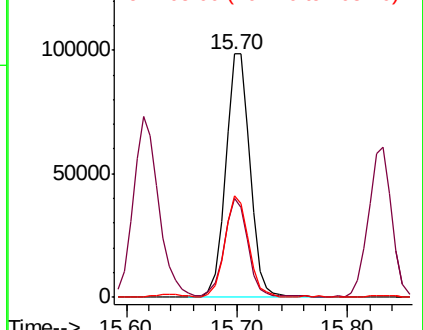
105 41.5 22.3 62.3



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: 36.113 ng

RT: 15.83 min Scan# 2169

Delta R.T. -0.02 min

Lab File: BG044063.D

Acq: 16 Jan 2020 11:11

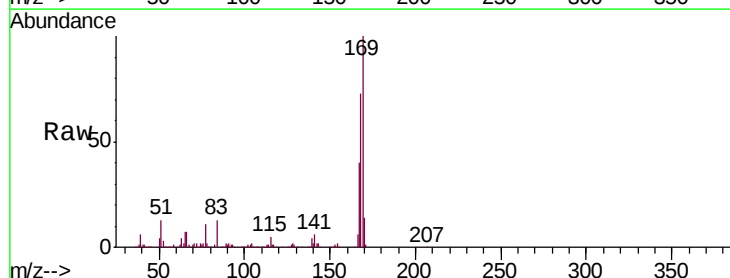
Tgt Ion:169 Resp: 684149

Ion Ratio Lower Upper

169 100

168 72.6 59.0 88.6

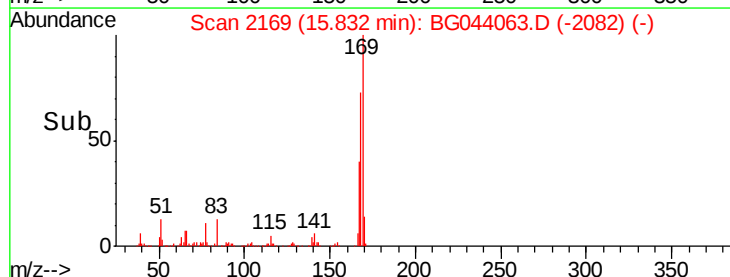
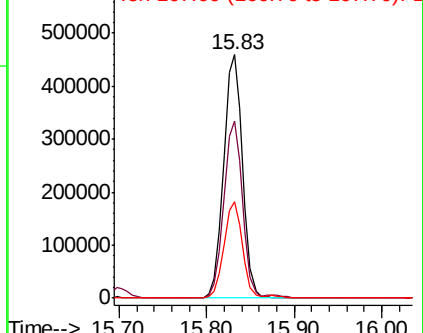
167 39.7 31.4 47.0

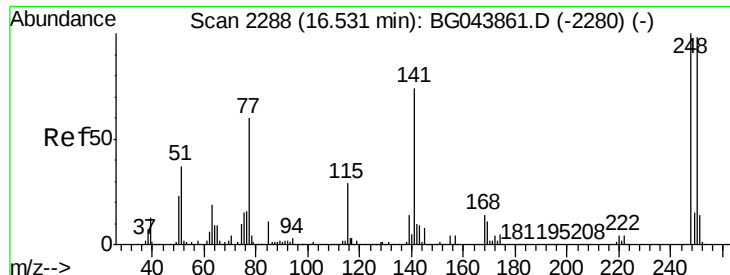


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

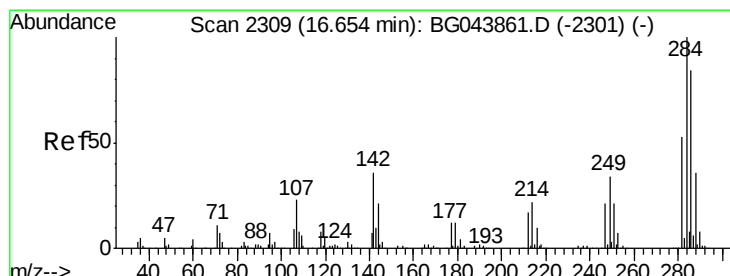
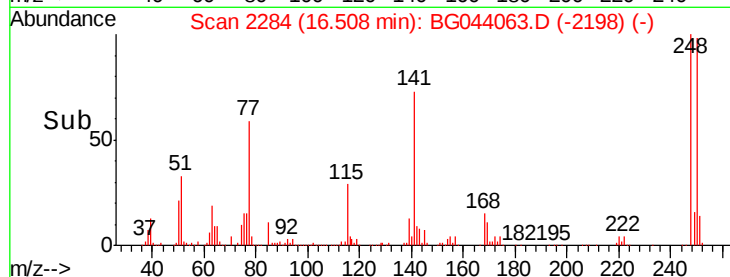
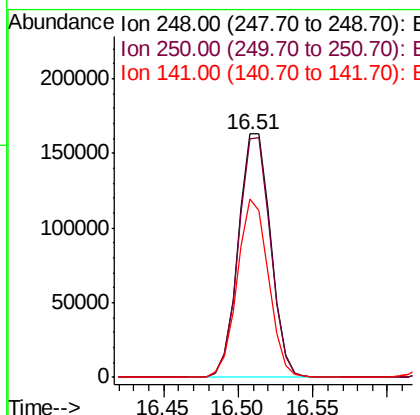
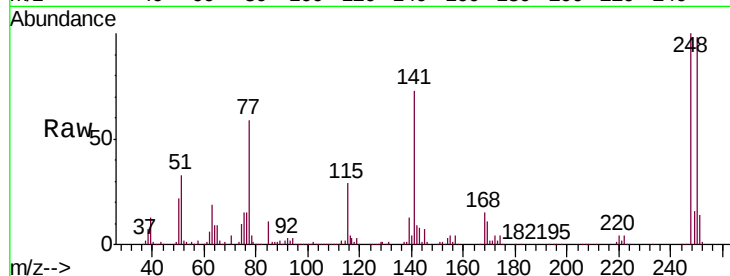




#67
 4-Bromophenyl-phenylether
 Concen: 33.768 ng
 RT: 16.51 min Scan# 2284
 Delta R.T. -0.02 min
 Lab File: BG044063.D
 Acq: 16 Jan 2020 11:11

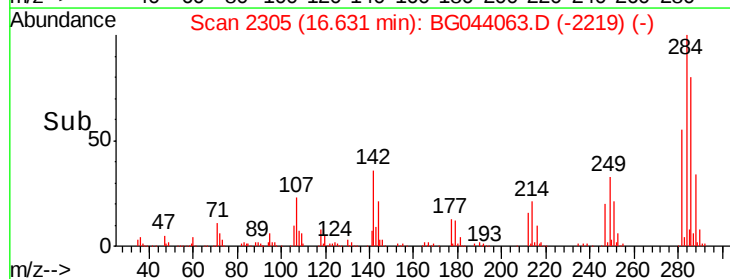
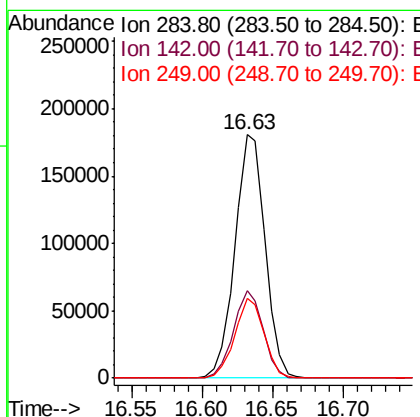
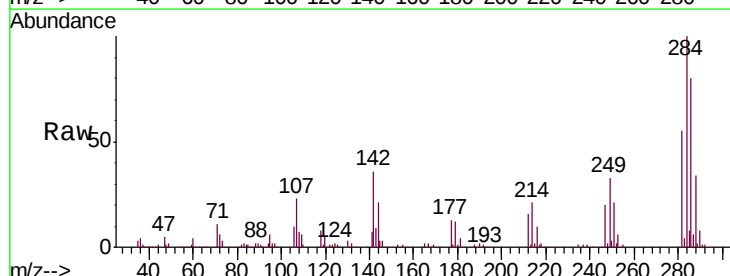
Instrument :
 BNA_G
 ClientSampleId :
 PB126101BS

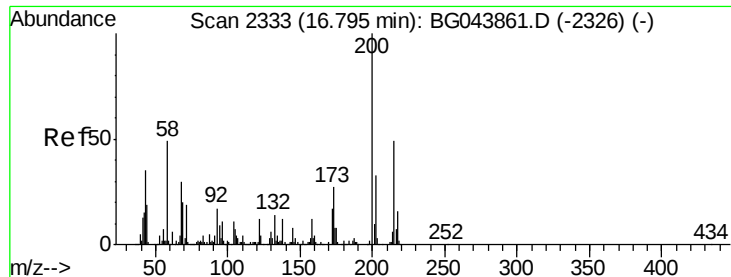
Tgt Ion:248 Resp: 244319
 Ion Ratio Lower Upper
 248 100
 250 97.8 78.2 117.2
 141 73.3 59.3 88.9



#68
 Hexachlorobenzene
 Concen: 34.351 ng
 RT: 16.63 min Scan# 2305
 Delta R.T. -0.02 min
 Lab File: BG044063.D
 Acq: 16 Jan 2020 11:11

Tgt Ion:284 Resp: 267806
 Ion Ratio Lower Upper
 284 100
 142 35.7 28.6 43.0
 249 32.8 27.0 40.6





#69

Atrazine

Concen: 41.612 ng

RT: 16.78 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BG044063.D

Acq: 16 Jan 2020 11:11

Instrument :

BNA_G

ClientSampleId :

PB126101BS

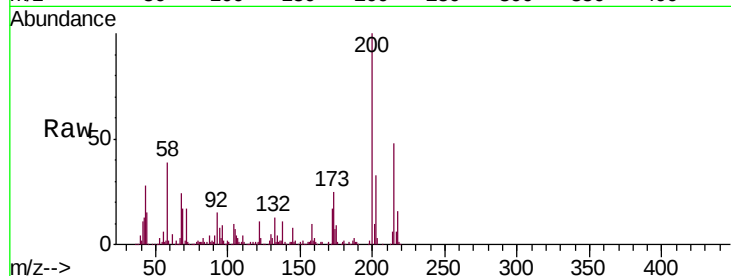
Tgt Ion:200 Resp: 256246

Ion Ratio Lower Upper

200 100

173 25.1 6.6 46.6

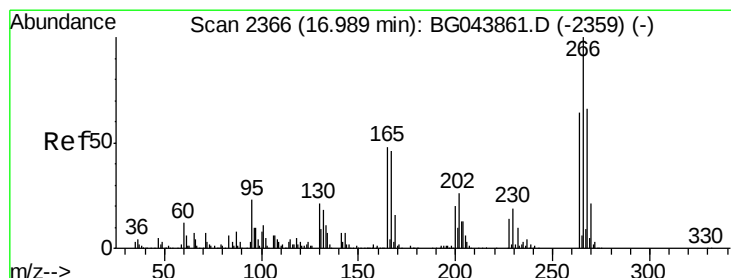
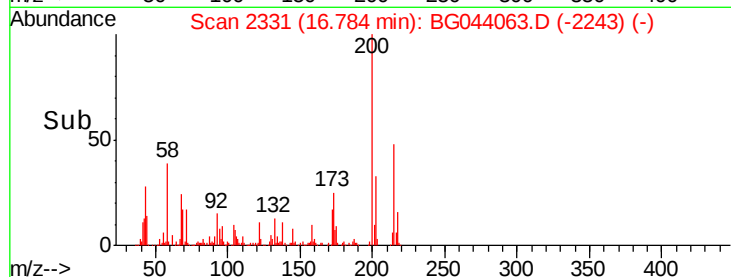
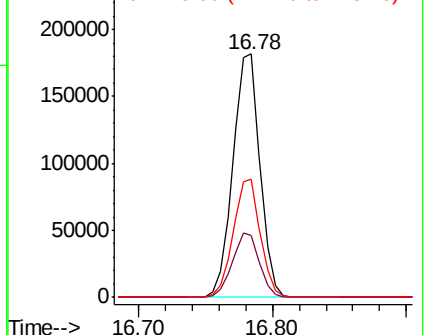
215 48.4 28.6 68.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 77.428 ng

RT: 16.98 min Scan# 2364

Delta R.T. -0.01 min

Lab File: BG044063.D

Acq: 16 Jan 2020 11:11

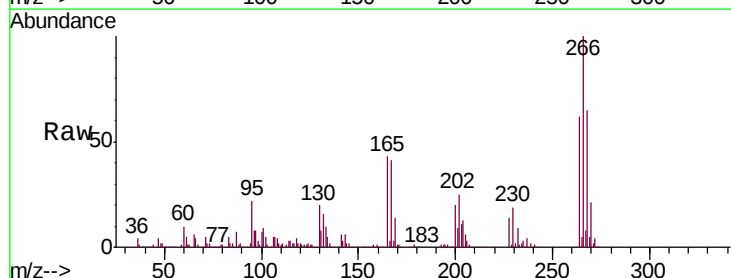
Tgt Ion:266 Resp: 332762

Ion Ratio Lower Upper

266 100

268 64.9 52.6 79.0

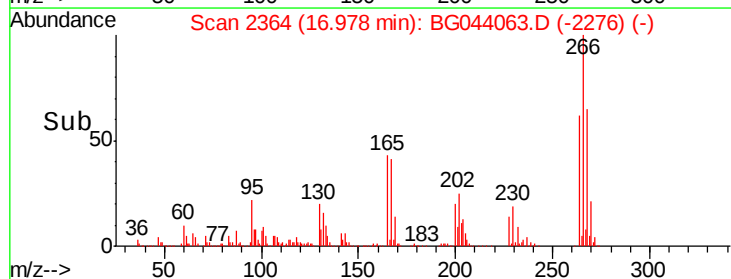
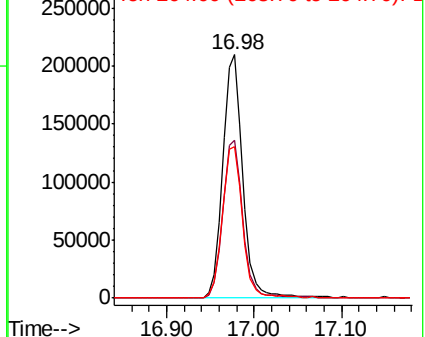
264 62.4 50.8 76.2

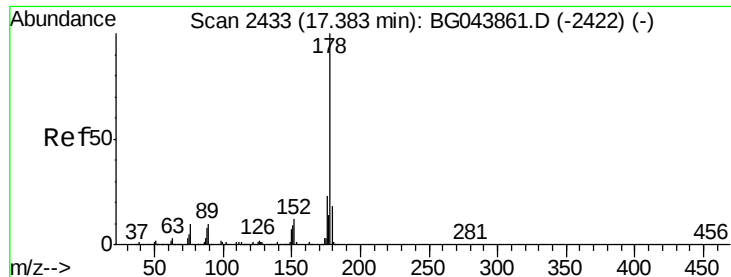


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

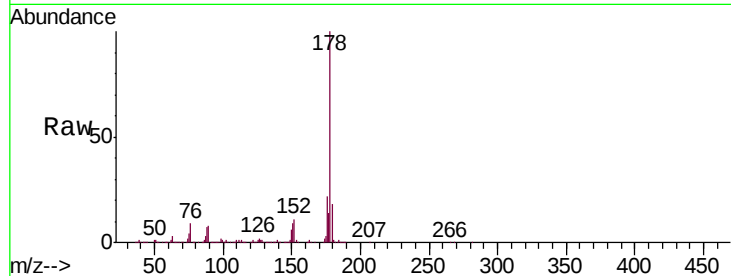




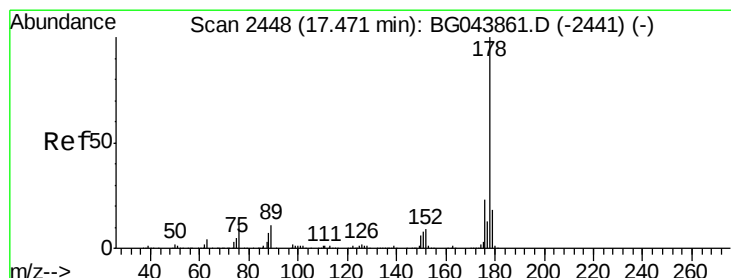
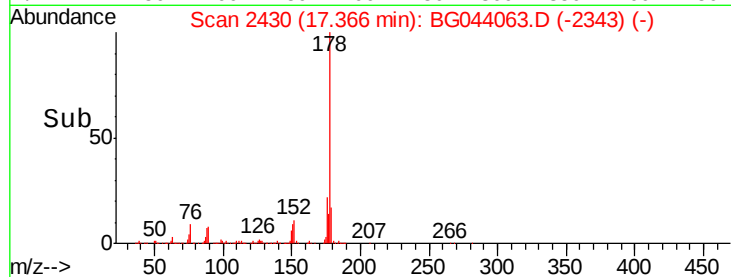
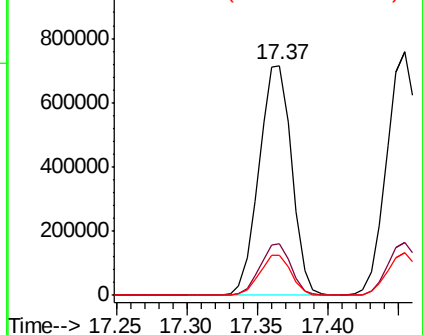
#71
Phenanthrene
Concen: 37.855 ng
RT: 17.37 min Scan# 2430
Delta R.T. -0.02 min
Lab File: BG044063.D
Acq: 16 Jan 2020 11:11

Instrument :
BNA_G
ClientSampleId :
PB126101BS

Tgt Ion:178 Resp: 1168064
Ion Ratio Lower Upper
178 100
176 22.3 18.6 28.0
179 17.6 14.4 21.6

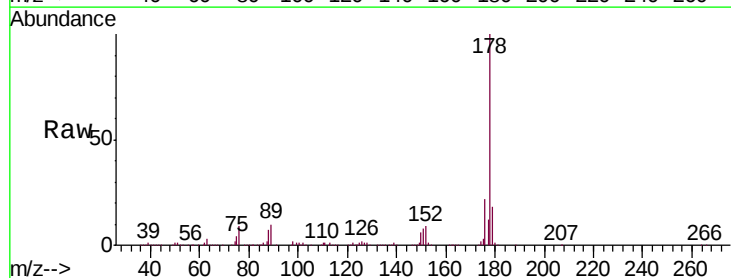


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

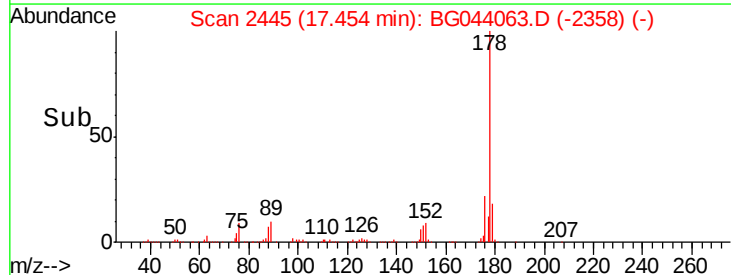
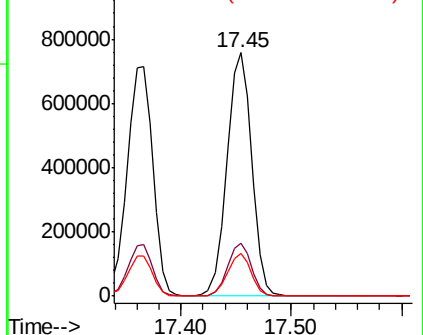


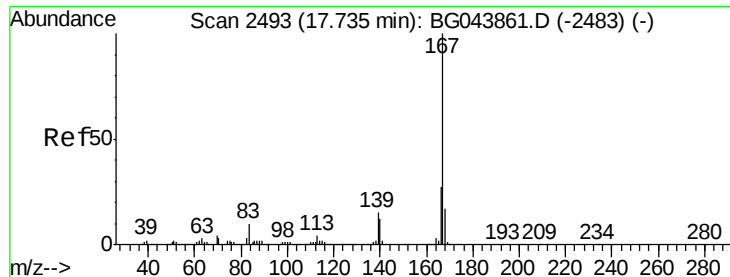
#72
Anthracene
Concen: 38.931 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.02 min
Lab File: BG044063.D
Acq: 16 Jan 2020 11:11

Tgt Ion:178 Resp: 1187215
Ion Ratio Lower Upper
178 100
176 21.7 18.3 27.5
179 17.5 14.6 22.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

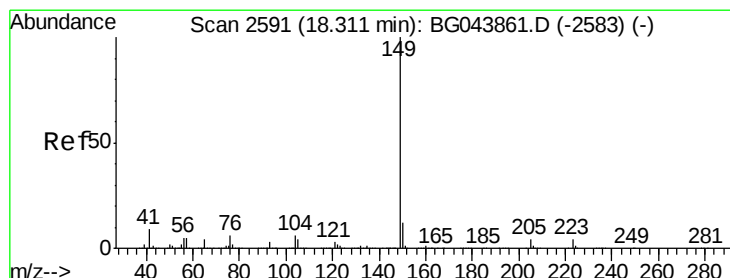
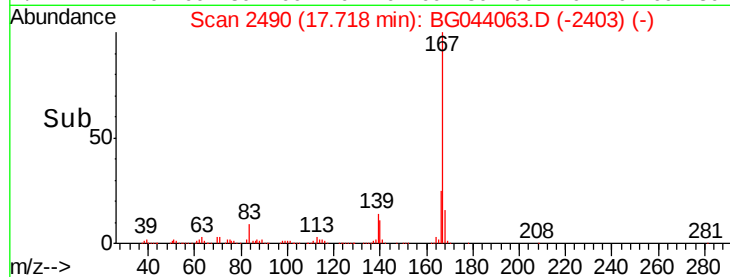
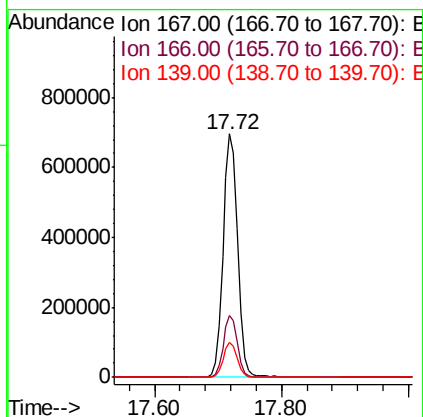
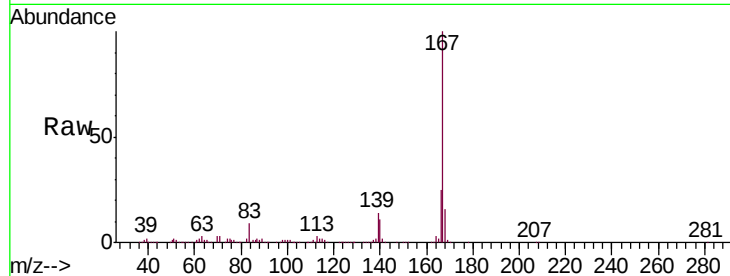




#73
 Carbazole
 Concen: 39.977 ng
 RT: 17.72 min Scan# 2490
 Delta R.T. -0.02 min
 Lab File: BG044063.D
 Acq: 16 Jan 2020 11:11

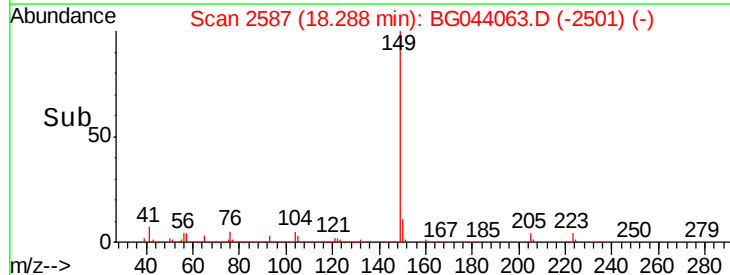
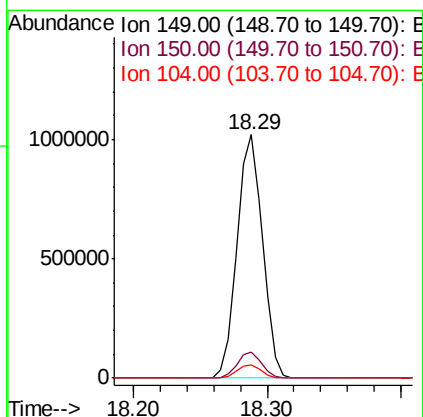
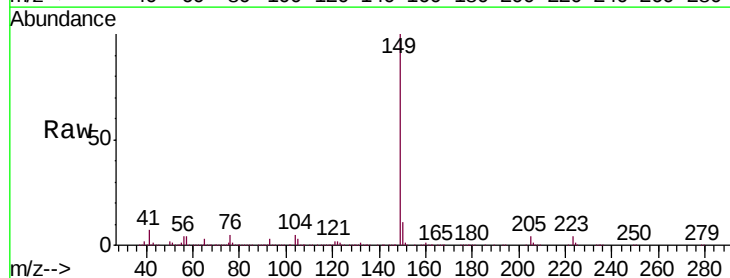
Instrument :
 BNA_G
 ClientSampleId :
 PB126101BS

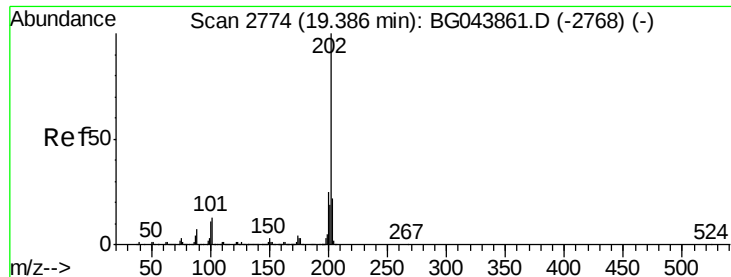
Tgt Ion:167 Resp: 1126108
 Ion Ratio Lower Upper
 167 100
 166 25.5 21.6 32.4
 139 14.2 12.1 18.1



#74
 Di-n-butylphthalate
 Concen: 37.478 ng
 RT: 18.29 min Scan# 2587
 Delta R.T. -0.02 min
 Lab File: BG044063.D
 Acq: 16 Jan 2020 11:11

Tgt Ion:149 Resp: 1347890
 Ion Ratio Lower Upper
 149 100
 150 10.7 9.7 14.5
 104 5.4 5.0 7.4





#75

Fluoranthene

Concen: 39.196 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.02 min

Lab File: BG044063.D

Acq: 16 Jan 2020 11:11

Instrument :

BNA_G

ClientSampleId :

PB126101BS

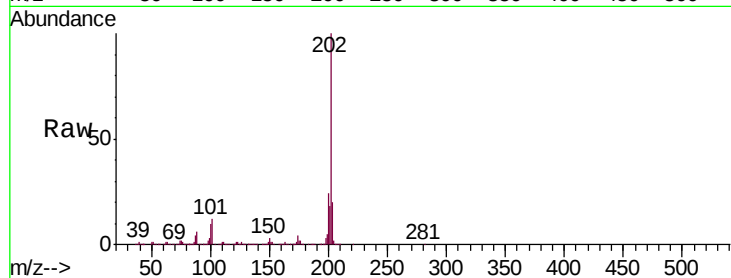
Tgt Ion:202 Resp: 1383166

Ion Ratio Lower Upper

202 100

101 12.3 0.0 33.3

203 20.2 1.6 41.6

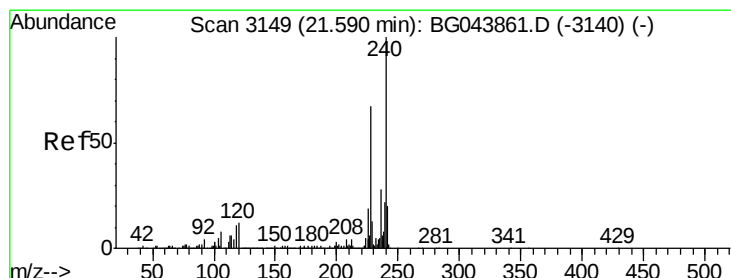
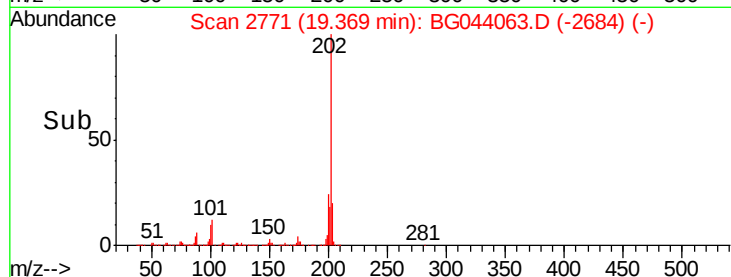
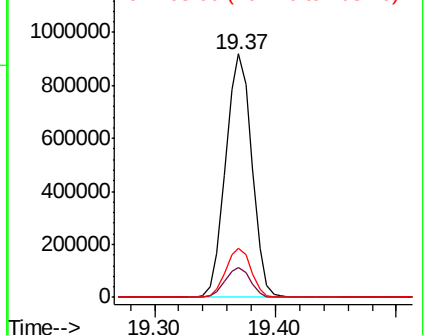


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG044063.D

Acq: 16 Jan 2020 11:11

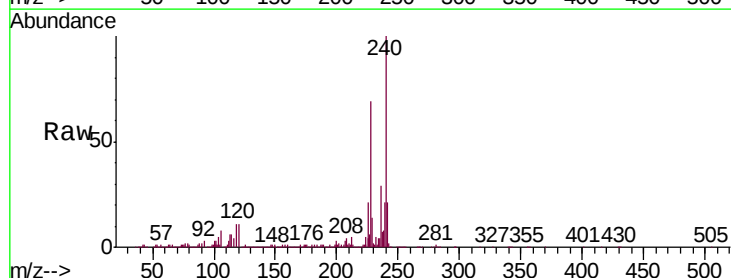
Tgt Ion:240 Resp: 565755

Ion Ratio Lower Upper

240 100

120 11.5 9.6 14.4

236 28.6 22.2 33.2

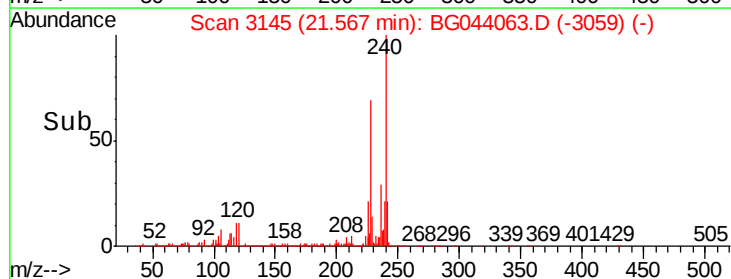
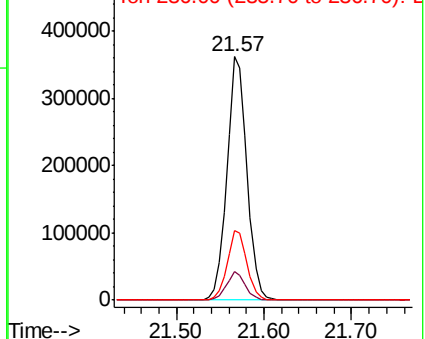


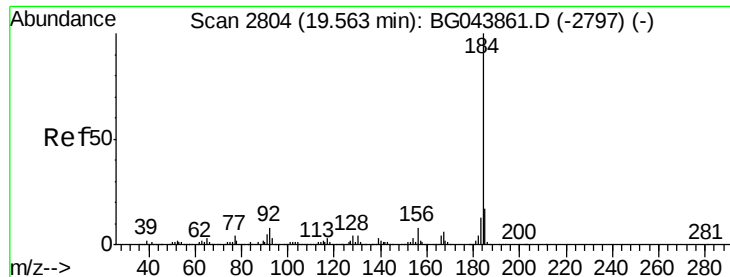
Abundance

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: 25.088 ng

RT: 19.55 min Scan# 2802

Delta R.T. -0.01 min

Lab File: BG044063.D

Acq: 16 Jan 2020 11:11

Instrument :

BNA_G

ClientSampleId :

PB126101BS

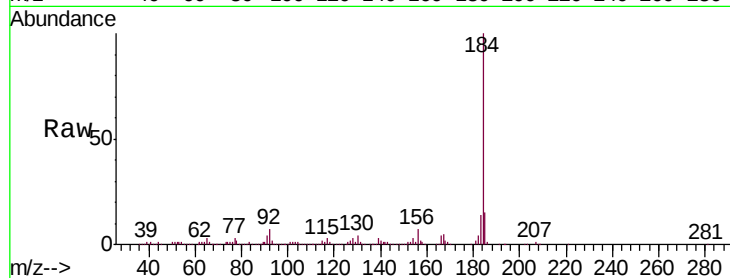
Tgt Ion:184 Resp: 356771

Ion Ratio Lower Upper

184 100

185 15.2 13.4 20.0

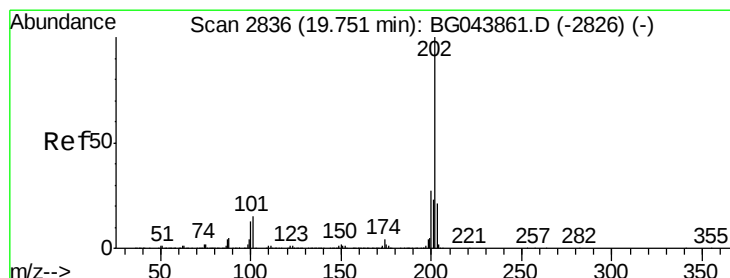
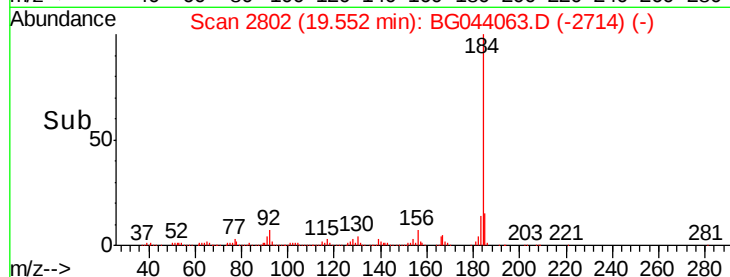
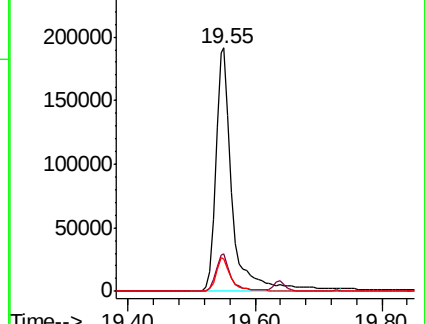
183 13.5 10.6 15.8



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



#78

Pyrene

Concen: 37.381 ng

RT: 19.73 min Scan# 2833

Delta R.T. -0.02 min

Lab File: BG044063.D

Acq: 16 Jan 2020 11:11

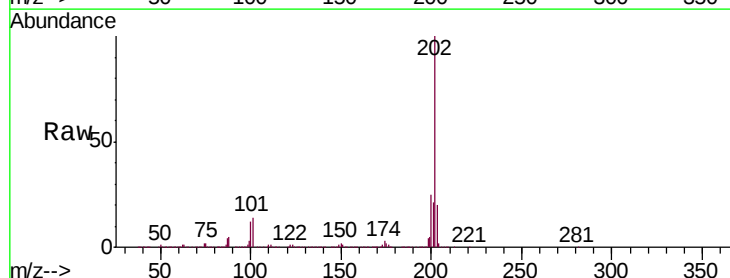
Tgt Ion:202 Resp: 1380429

Ion Ratio Lower Upper

202 100

200 25.3 21.7 32.5

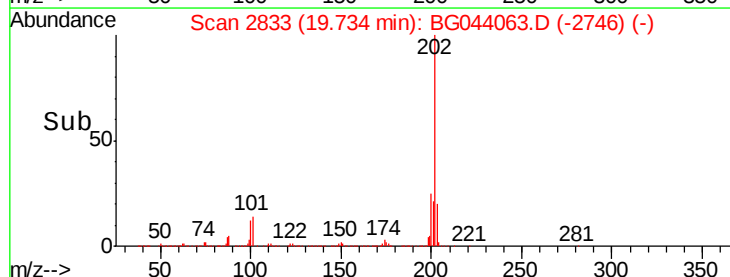
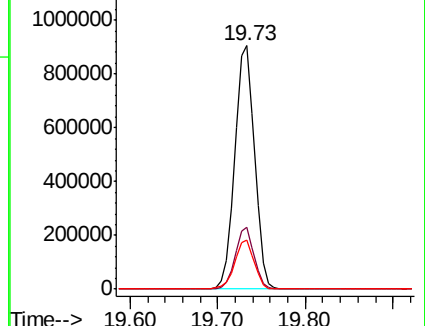
203 20.3 17.0 25.6

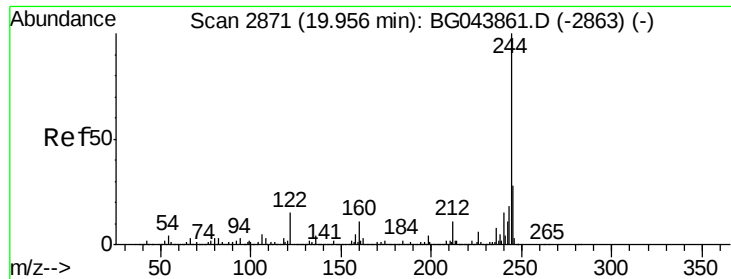


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.629 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.02 min

Lab File: BG044063.D

Acq: 16 Jan 2020 11:11

Instrument :

BNA_G

ClientSampleId :

PB126101BS

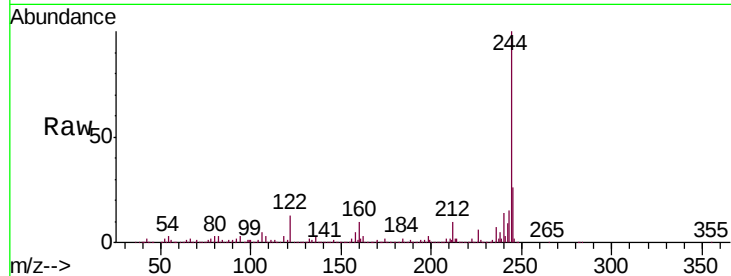
Tgt Ion:244 Resp: 1846864

Ion Ratio Lower Upper

244 100

212 9.9 8.6 13.0

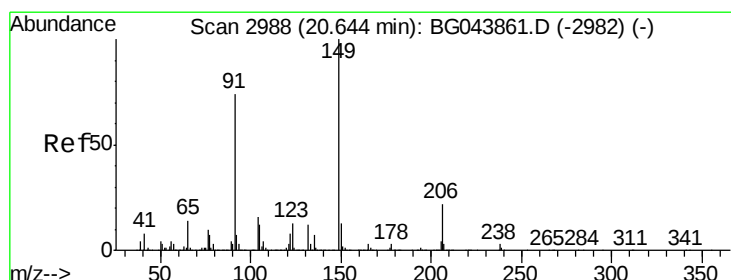
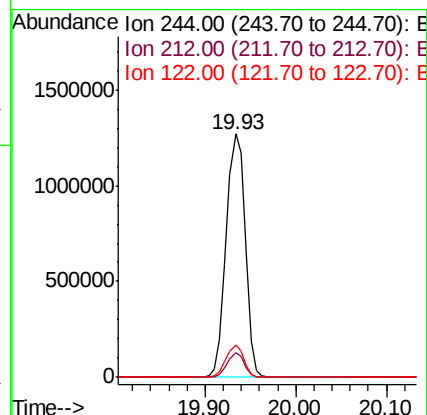
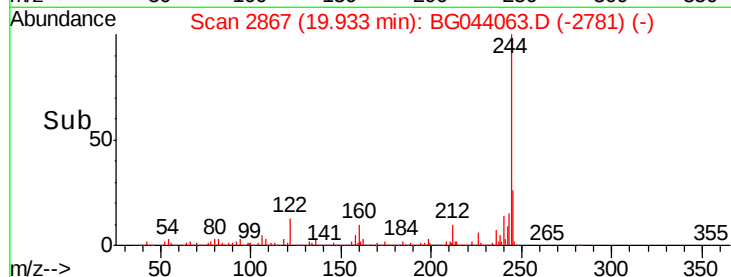
122 13.5 11.9 17.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.828 ng

RT: 20.62 min Scan# 2984

Delta R.T. -0.02 min

Lab File: BG044063.D

Acq: 16 Jan 2020 11:11

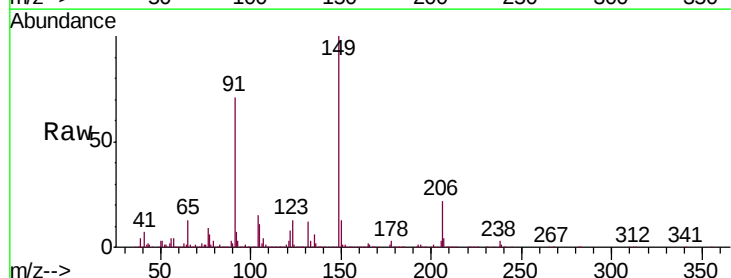
Tgt Ion:149 Resp: 647503

Ion Ratio Lower Upper

149 100

91 70.9 59.5 89.3

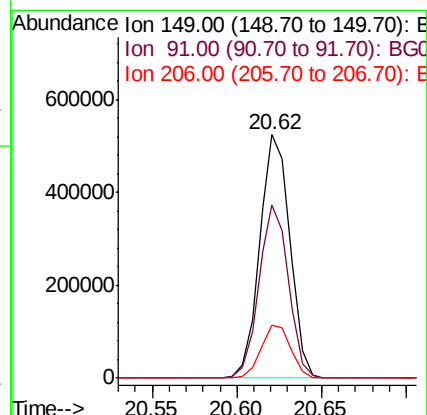
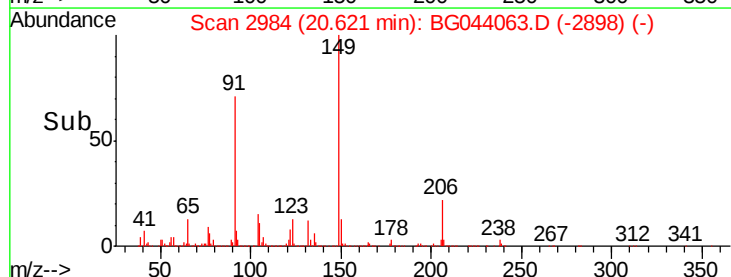
206 21.8 17.8 26.6

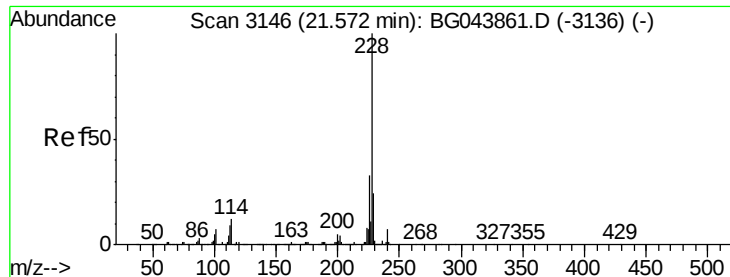


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.251 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.02 min

Lab File: BG044063.D

Acq: 16 Jan 2020 11:11

Instrument :

BNA_G

ClientSampleId :

PB126101BS

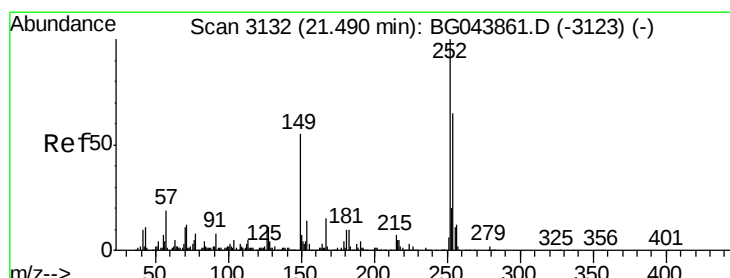
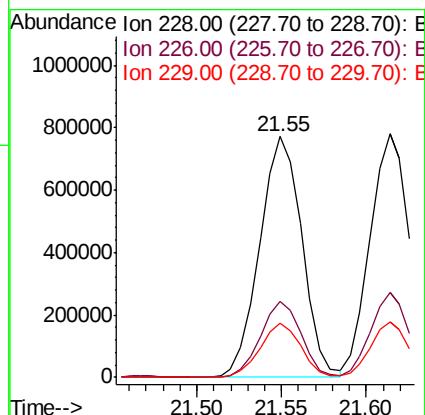
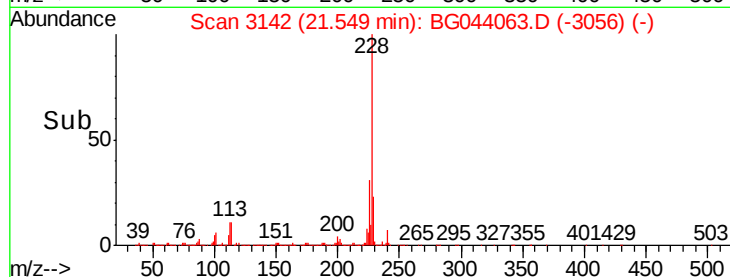
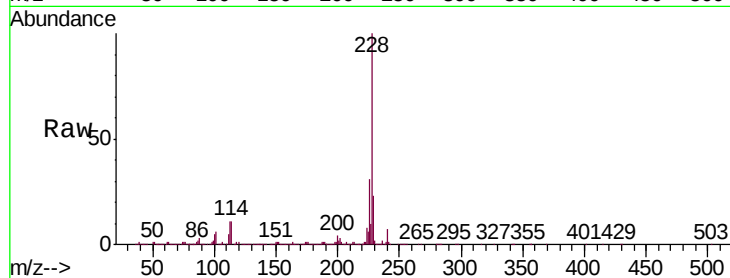
Tgt Ion:228 Resp: 1341861

Ion Ratio Lower Upper

228 100

226 31.4 26.2 39.4

229 22.6 18.9 28.3



#82

3,3'-Dichlorobenzidine

Concen: 33.542 ng

RT: 21.47 min Scan# 3128

Delta R.T. -0.02 min

Lab File: BG044063.D

Acq: 16 Jan 2020 11:11

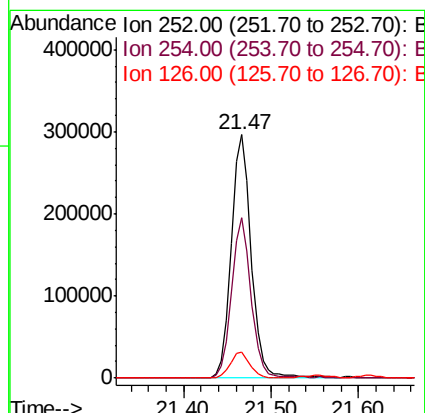
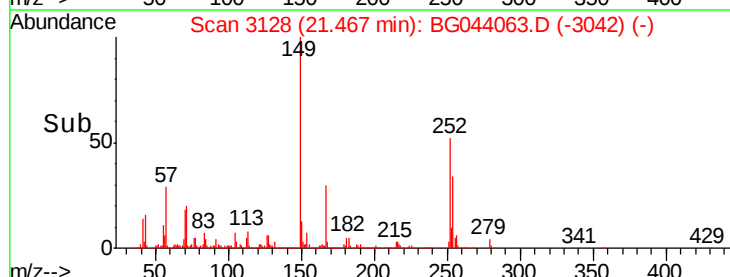
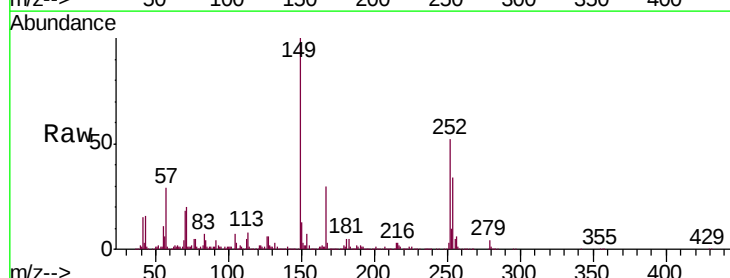
Tgt Ion:252 Resp: 464874

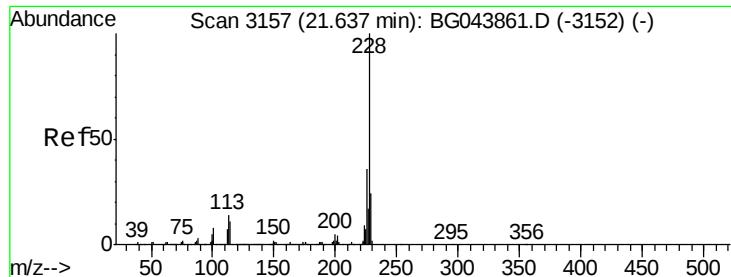
Ion Ratio Lower Upper

252 100

254 65.9 52.1 78.1

126 10.6 9.1 13.7





#83

Chrysene

Concen: 38.364 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.02 min

Lab File: BG044063.D

Acq: 16 Jan 2020 11:11

Instrument :

BNA_G

ClientSampleId :

PB126101BS

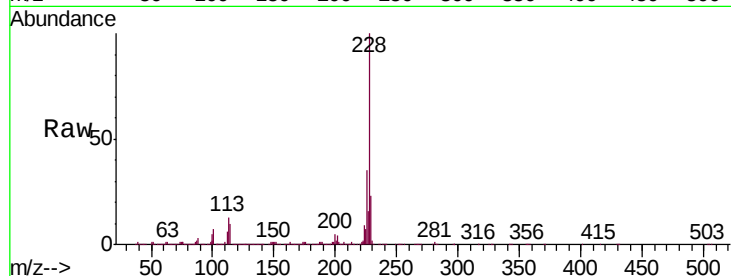
Tgt Ion:228 Resp: 1278824

Ion Ratio Lower Upper

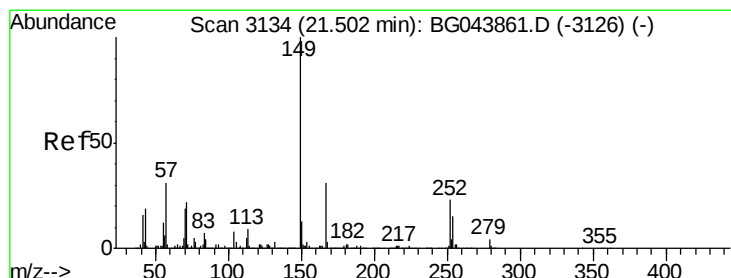
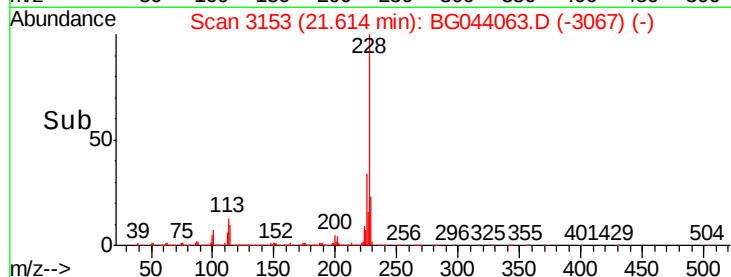
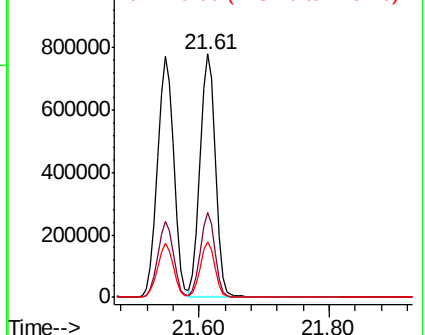
228 100

226 34.7 28.8 43.2

229 22.5 19.0 28.6



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.588 ng

RT: 21.47 min Scan# 3129

Delta R.T. -0.03 min

Lab File: BG044063.D

Acq: 16 Jan 2020 11:11

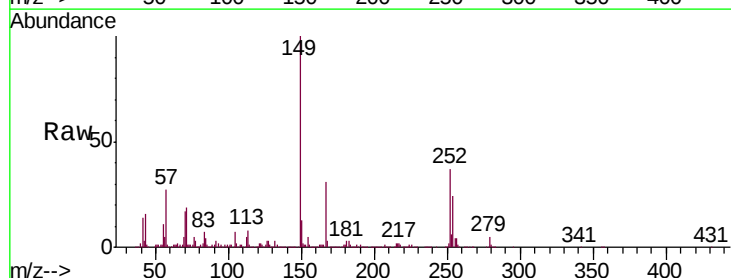
Tgt Ion:149 Resp: 911858

Ion Ratio Lower Upper

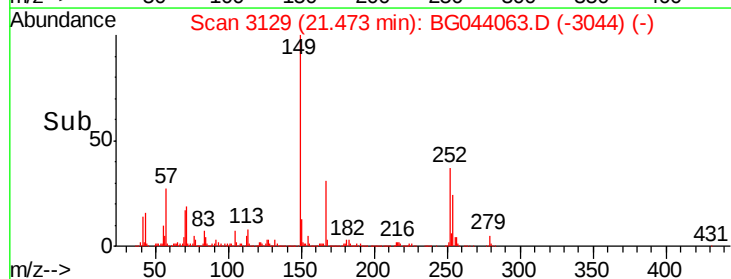
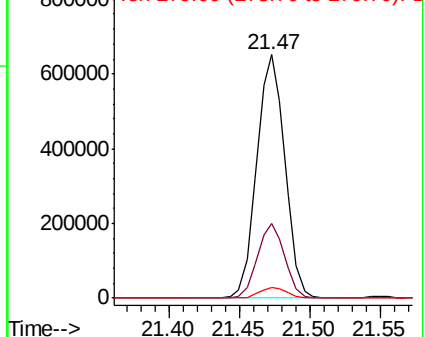
149 100

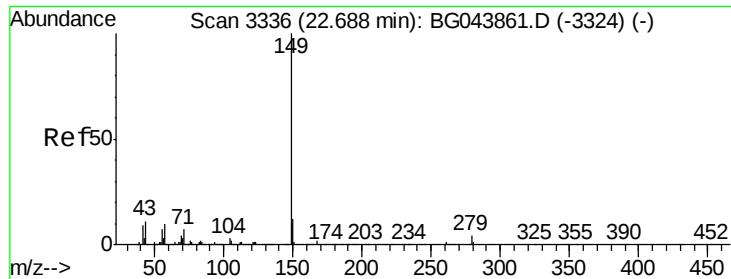
167 30.6 24.7 37.1

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

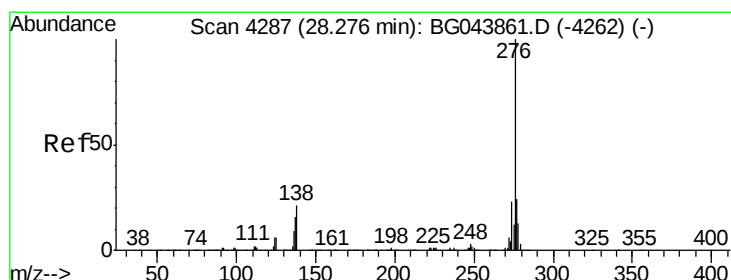
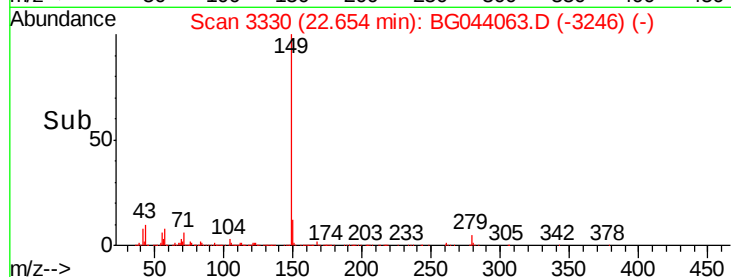
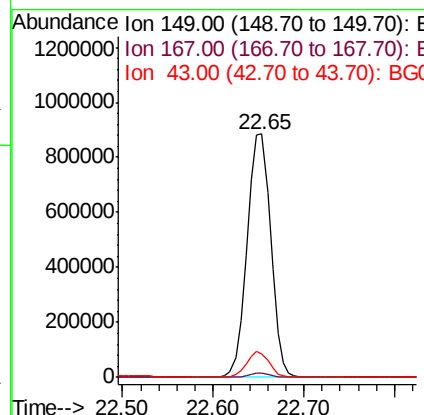
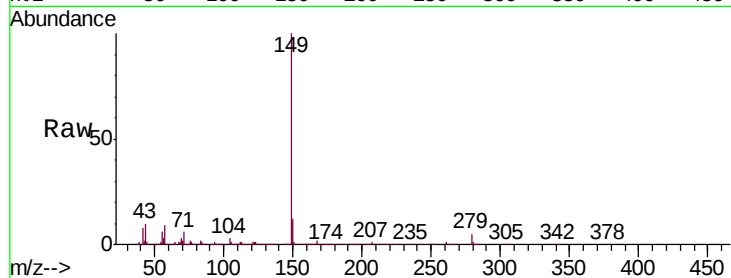




#85
Di-n-octyl phthalate
Concen: 39.250 ng
RT: 22.65 min Scan# 3330
Delta R.T. -0.03 min
Lab File: BG044063.D
Acq: 16 Jan 2020 11:11

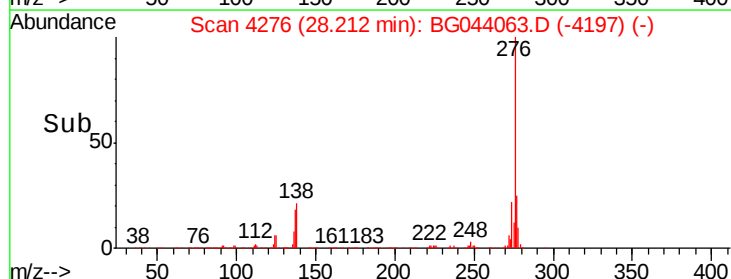
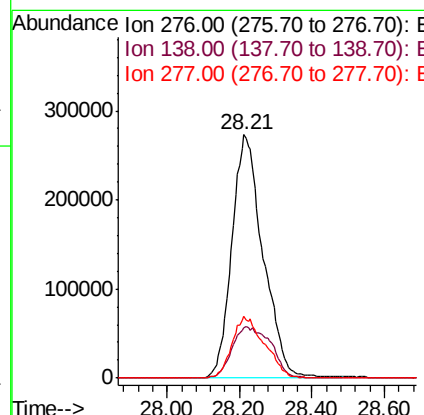
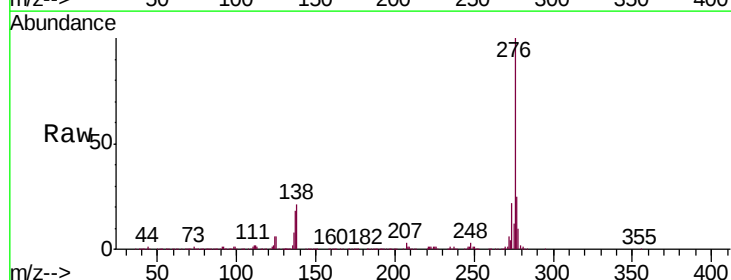
Instrument :
BNA_G
ClientSampleId :
PB126101BS

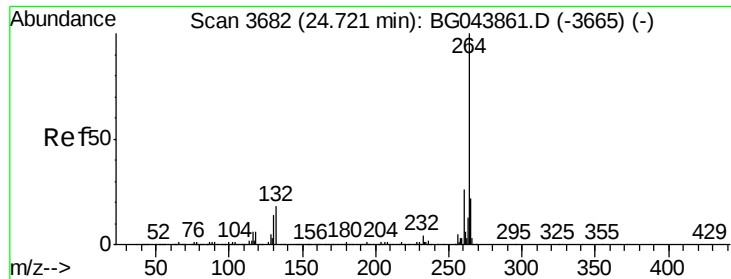
Tgt Ion:149 Resp: 1600745
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 9.7 8.8 13.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 36.071 ng
RT: 28.21 min Scan# 4276
Delta R.T. -0.06 min
Lab File: BG044063.D
Acq: 16 Jan 2020 11:11

Tgt Ion:276 Resp: 1634043
Ion Ratio Lower Upper
276 100
138 26.2 21.0 31.4
277 26.3 21.1 31.7



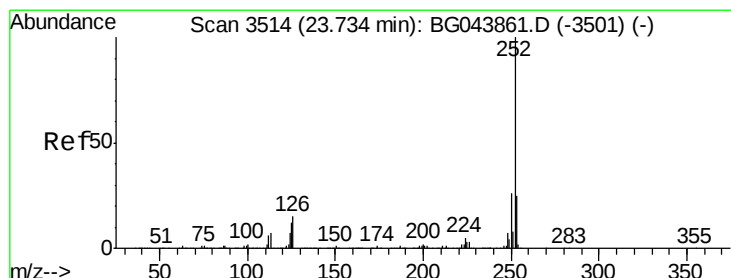
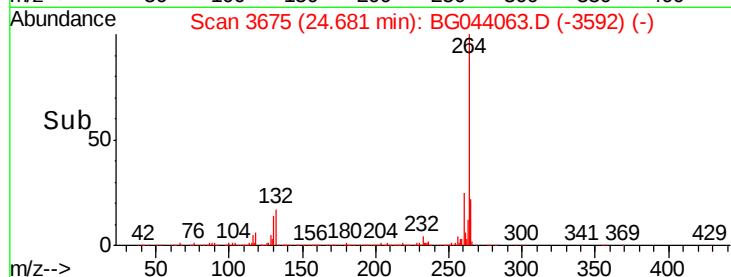
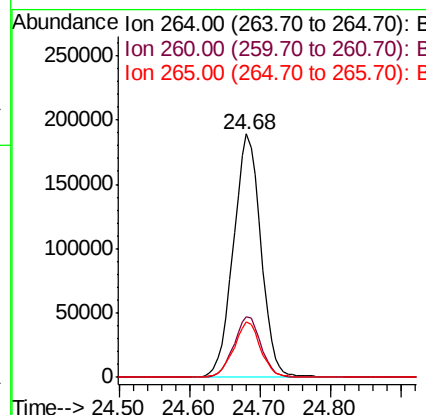
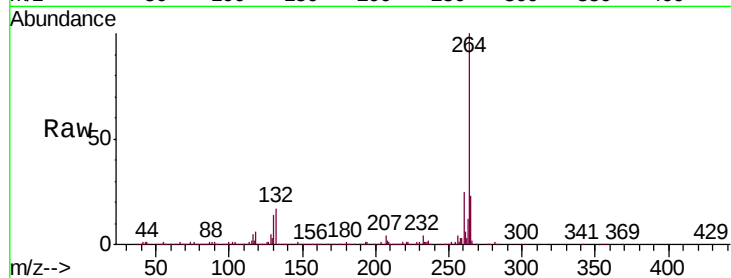


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.68 min Scan# 3675
Delta R.T. -0.04 min
Lab File: BG044063.D
Acq: 16 Jan 2020 11:11

Instrument :
BNA_G
ClientSampleId :
PB126101BS

Tgt Ion: 264 Resp: 510757

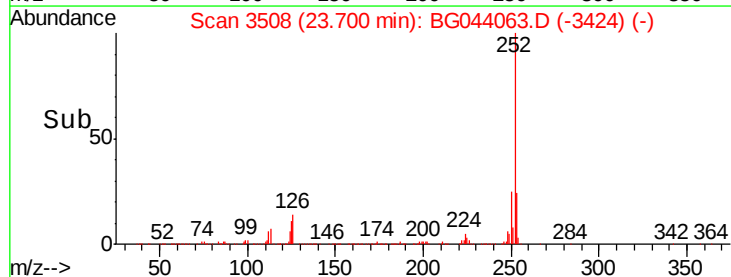
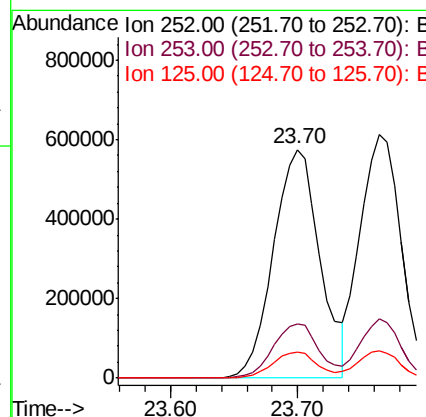
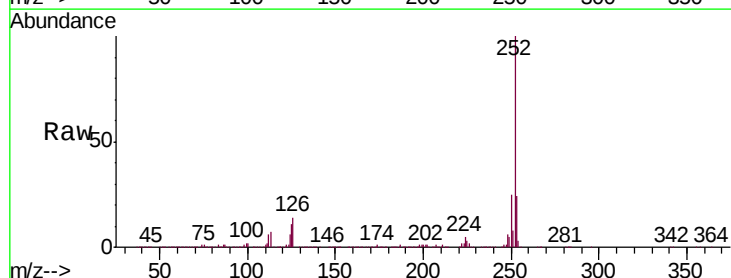
Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.4	30.6
265	22.6	17.4	26.2

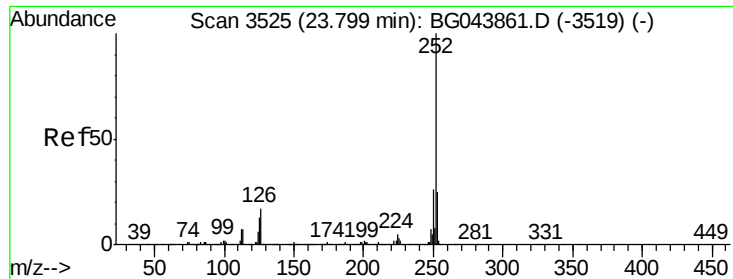


#88
Benzo(b)fluoranthene
Concen: 48.613 ng
RT: 23.70 min Scan# 3508
Delta R.T. -0.03 min
Lab File: BG044063.D
Acq: 16 Jan 2020 11:11

Tgt Ion: 252 Resp: 1467839

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.7	29.5
125	11.3	9.4	14.2

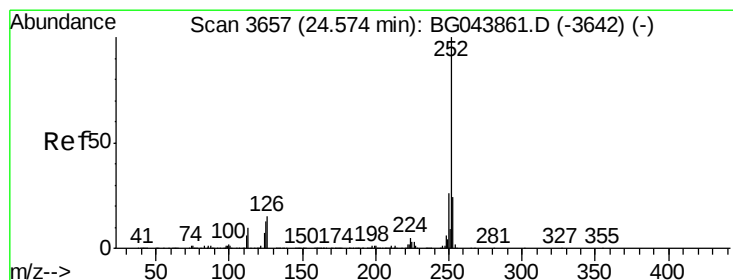
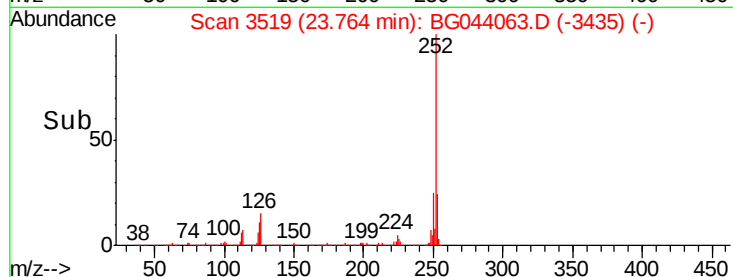
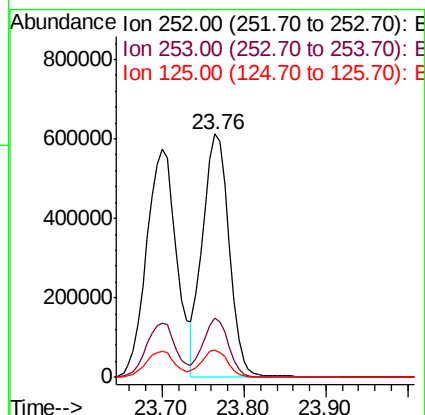
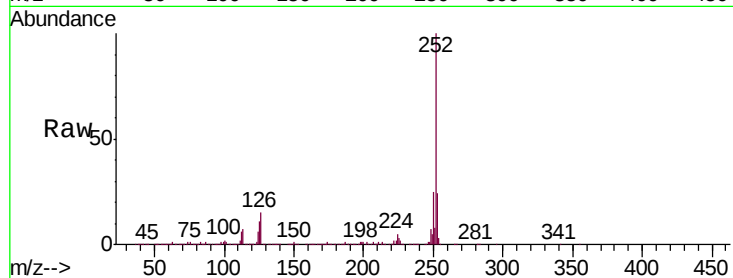




#89
Benzo(k)fluoranthene
Concen: 48.046 ng
RT: 23.76 min Scan# 3519
Delta R.T. -0.03 min
Lab File: BG044063.D
Acq: 16 Jan 2020 11:11

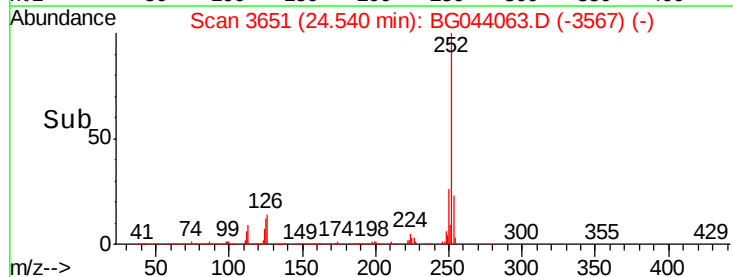
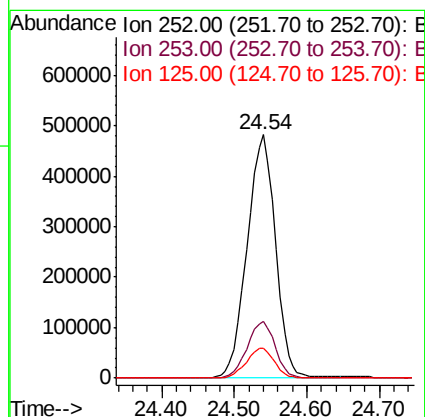
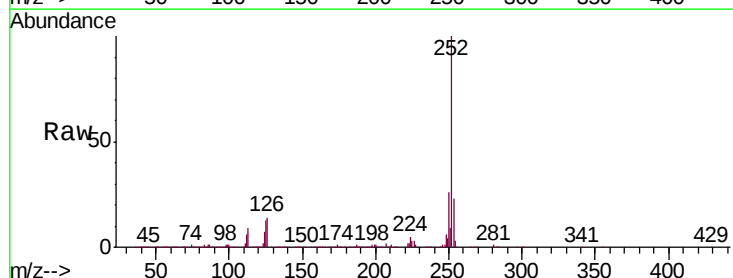
Instrument :
BNA_G
ClientSampleId :
PB126101BS

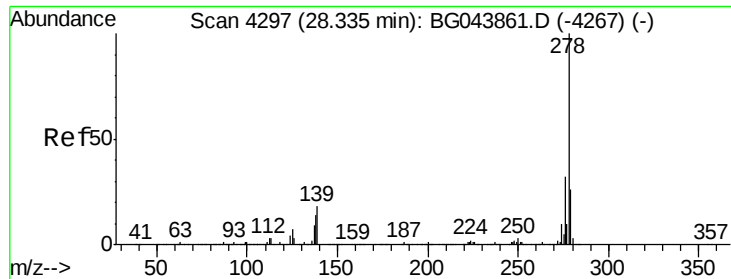
Tgt Ion:252 Resp: 1379563
Ion Ratio Lower Upper
252 100
253 24.1 19.4 29.2
125 11.3 9.9 14.9



#90
Benzo(a)pyrene
Concen: 45.923 ng
RT: 24.54 min Scan# 3651
Delta R.T. -0.03 min
Lab File: BG044063.D
Acq: 16 Jan 2020 11:11

Tgt Ion:252 Resp: 1308731
Ion Ratio Lower Upper
252 100
253 23.4 19.3 28.9
125 12.5 10.4 15.6





#91

Dibenzo(a,h)anthracene

Concen: 47.330 ng

RT: 28.28 min Scan# 4287

Delta R.T. -0.06 min

Lab File: BG044063.D

Acq: 16 Jan 2020 11:11

Instrument :

BNA_G

ClientSampleId :

PB126101BS

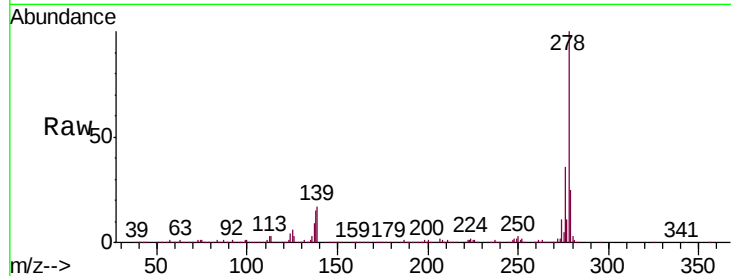
Tgt Ion:278 Resp: 1354624

Ion Ratio Lower Upper

278 100

139 17.5 14.2 21.4

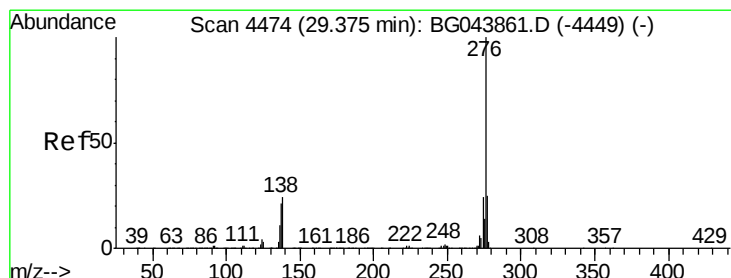
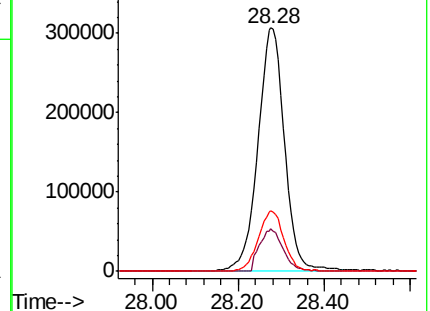
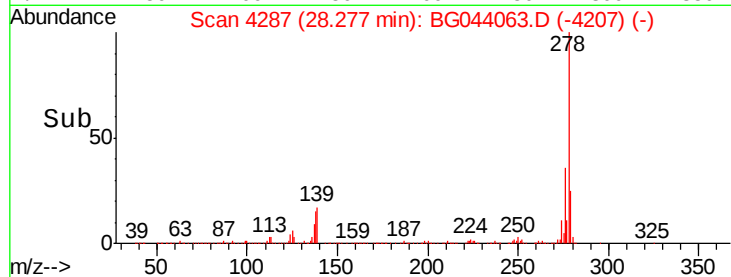
279 25.1 20.6 30.8



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: 47.800 ng

RT: 29.32 min Scan# 4465

Delta R.T. -0.05 min

Lab File: BG044063.D

Acq: 16 Jan 2020 11:11

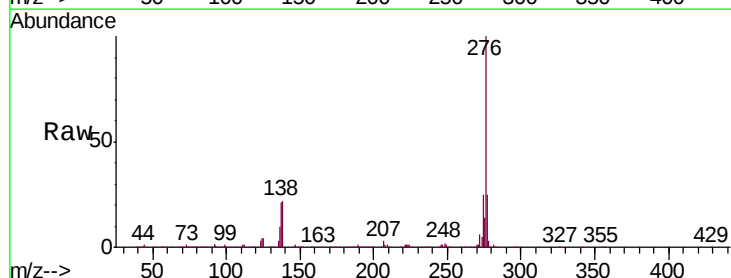
Tgt Ion:276 Resp: 1358942

Ion Ratio Lower Upper

276 100

277 25.1 20.2 30.4

138 22.0 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

