

Data File : BG043999.D
Acq On : 10 Jan 2020 13:00
Operator : JU
Sample : PB126006BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126006BS

Quant Time: Jan 11 04:12:04 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	7.96	152	106202	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	465309	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	297153	20.00	ng	0.00
64) Phenanthrene-d10	17.33	188	628147	20.00	ng	0.00
76) Chrysene-d12	21.58	240	536941	20.00	ng	0.00
87) Perylene-d12	24.69	264	513207	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	769135	132.98	ng	0.00
7) Phenol-d6	7.13	99	997383	123.36	ng	0.00
23) Nitrobenzene-d5	9.11	82	617678	71.01	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	370622	119.18	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1355098	82.62	ng	0.00
79) Terphenyl-d14	19.94	244	1895939	85.18	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.42	88	112709	44.691 ng	97
3) Pyridine	3.81	79	263723	35.398 ng	97
4) n-Nitrosodimethylamine	3.73	42	133488	40.244 ng	98
6) Aniline	7.27	93	329997	31.075 ng	99
8) 2-Chlorophenol	7.52	128	319033	46.983 ng	97
9) Benzaldehyde	7.09	77	168639	32.590 ng	98
10) Phenol	7.15	94	382210	45.883 ng	100
11) bis(2-Chloroethyl)ether	7.37	93	296672	41.258 ng	98
12) 1,3-Dichlorobenzene	7.84	146	330011	41.531 ng	99
13) 1,4-Dichlorobenzene	7.99	146	336489	42.918 ng	99
14) 1,2-Dichlorobenzene	8.31	146	313781	41.696 ng	99
15) Benzyl Alcohol	8.19	79	264355	41.429 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.48	45	402050	36.141 ng	98
17) 2-Methylphenol	8.40	107	269788	44.754 ng	96
18) Hexachloroethane	9.04	117	124559	40.829 ng	96
19) n-Nitroso-di-n-propylamine	8.76	70	232554	38.624 ng	97
20) 3+4-Methylphenols	8.73	107	370997	44.116 ng	99
22) Acetophenone	8.77	105	431248	37.279 ng	# 98
24) Nitrobenzene	9.15	77	331970	38.535 ng	99
25) Isophorone	9.68	82	628351	38.506 ng	99
26) 2-Nitrophenol	9.87	139	174036	42.700 ng	96
27) 2,4-Dimethylphenol	9.93	122	295078	48.095 ng	97
28) bis(2-Chloroethoxy)methane	10.16	93	399994	36.767 ng	99
29) 2,4-Dichlorophenol	10.41	162	309337	42.269 ng	98
30) 1,2,4-Trichlorobenzene	10.62	180	314309	38.304 ng	99
31) Naphthalene	10.81	128	925480	41.101 ng	99
32) Benzoic acid	10.06	122	134028	29.588 ng	96
33) 4-Chloroaniline	10.91	127	221593	20.633 ng	99
34) Hexachlorobutadiene	11.10	225	182340	36.395 ng	98
35) Caprolactam	11.67	113	62370	22.893 ng	92
36) 4-Chloro-3-methylphenol	12.04	107	325985	41.843 ng	99
37) 2-Methylnaphthalene	12.42	142	685007	40.408 ng	97
38) 1-Methylnaphthalene	12.63	142	650469	40.486 ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	327100	37.556 ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	350051	77.524	ng	98
43) 2,4,6-Trichlorophenol	13.02	196	239363	39.941	ng	96
44) 2,4,5-Trichlorophenol	13.10	196	260827	42.199	ng	98
46) 1,1'-Biphenyl	13.42	154	856096	40.182	ng	98
47) 2-Chloronaphthalene	13.47	162	669712	38.900	ng	98
48) 2-Nitroaniline	13.66	65	206058	37.208	ng	99
49) Acenaphthylene	14.31	152	1055005	42.636	ng	97
50) Dimethylphthalate	14.04	163	839012	39.765	ng	99
51) 2,6-Dinitrotoluene	14.15	165	192694	40.407	ng	95
52) Acenaphthene	14.65	154	672862	38.775	ng	98
53) 3-Nitroaniline	14.48	138	150473	27.786	ng	95
54) 2,4-Dinitrophenol	14.69	184	182432	75.427	ng	96
55) Dibenzofuran	14.99	168	995443	41.670	ng	98
56) 4-Nitrophenol	14.80	139	359735	86.685	ng	95
57) 2,4-Dinitrotoluene	14.94	165	268473	41.374	ng	97
58) Fluorene	15.63	166	787459	41.589	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	226162	42.552	ng	97
60) Diethylphthalate	15.41	149	856834	40.602	ng	98
61) 4-Chlorophenyl-phenylether	15.63	204	407391	39.625	ng	99
62) 4-Nitroaniline	15.65	138	195657	36.586	ng	95
63) Azobenzene	15.92	77	792469	40.492	ng	98
65) 4,6-Dinitro-2-methylphenol	15.71	198	144253	44.886	ng	98
66) n-Nitrosodiphenylamine	15.84	169	737769	39.883	ng	99
67) 4-Bromophenyl-phenylether	16.52	248	263350	37.277	ng	98
68) Hexachlorobenzene	16.65	284	285754	37.538	ng	97
69) Atrazine	16.79	200	273934	45.558	ng	100
70) Pentachlorophenol	16.99	266	340085	81.042	ng	99
71) Phenanthrene	17.37	178	1252214	41.562	ng	98
72) Anthracene	17.46	178	1267682	42.574	ng	98
73) Carbazole	17.73	167	1163902	42.316	ng	98
74) Di-n-butylphthalate	18.30	149	1421729	40.486	ng	98
75) Fluoranthene	19.38	202	1433175	41.593	ng	98
77) Benzidine	19.55	184	434325	32.181	ng	98
78) Pyrene	19.74	202	1446887	41.283	ng	97
80) Butylbenzylphthalate	20.63	149	663059	39.737	ng	95
81) Benzo(a)anthracene	21.56	228	1387391	41.671	ng	96
82) 3,3'-Dichlorobenzidine	21.48	252	404272	30.735	ng	99
83) Chrysene	21.63	228	1325437	41.897	ng	97
84) Bis(2-ethylhexyl)phthalate	21.49	149	937407	40.715	ng	100
85) Di-n-octyl phthalate	22.67	149	1618427	41.813	ng	97
86) Indeno(1,2,3-cd)pyrene	28.23	276	1616394	37.596	ng	# 92
88) Benzo(b)fluoranthene	23.72	252	1472248	48.526	ng	98
89) Benzo(k)fluoranthene	23.78	252	1389198	48.151	ng	98
90) Benzo(a)pyrene	24.55	252	1316247	45.966	ng	99
91) Dibenzo(a,h)anthracene	28.30	278	1331764	46.309	ng	99
92) Benzo(g,h,i)perylene	29.34	276	1327930	46.487	ng	97

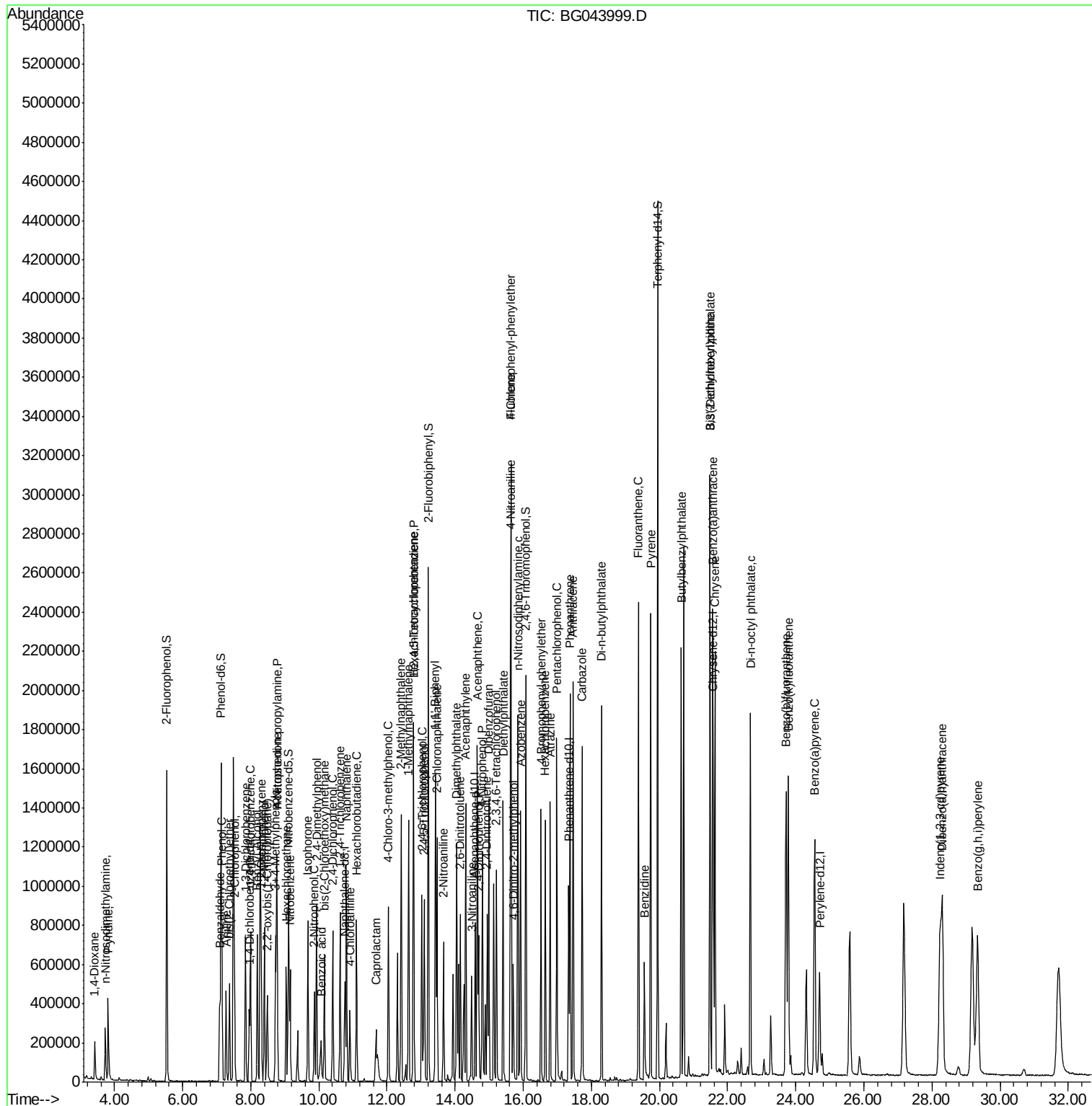
(#) = qualifier out of range (m) = manual integration (+) = signals summed

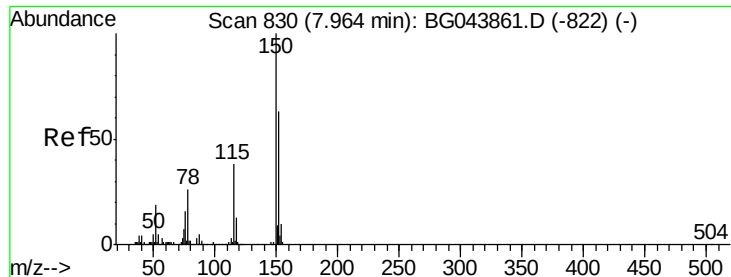
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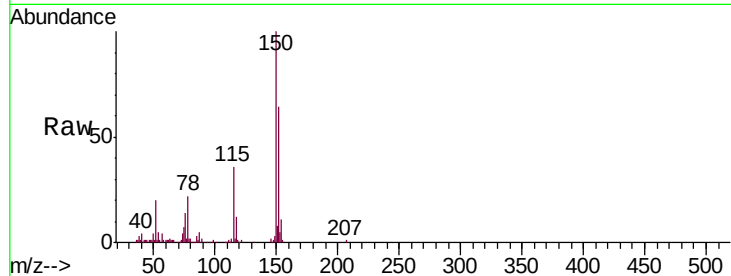


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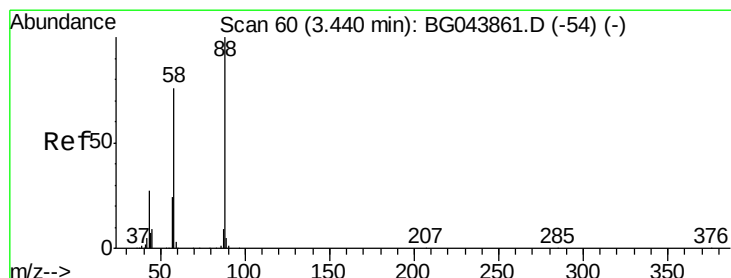
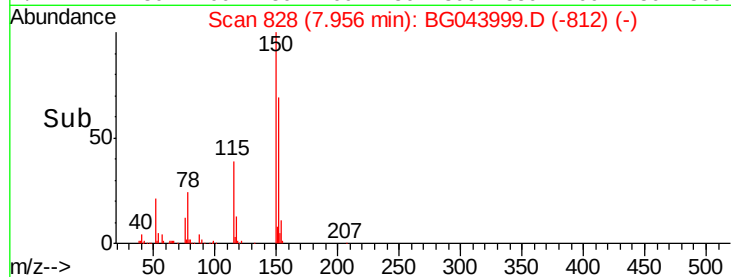
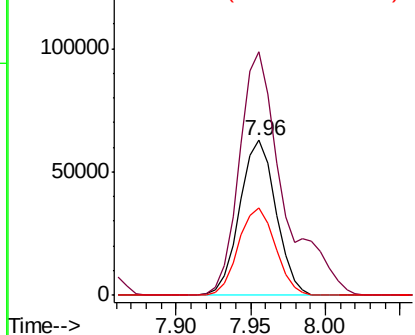
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG043999.D
Acq: 10 Jan 2020 13:00

Instrument :
BNA_G
ClientSampleId :
PB126006BS

Tgt Ion:152 Resp: 106202
Ion Ratio Lower Upper
152 100
150 156.9 127.0 190.4
115 56.3 47.8 71.8



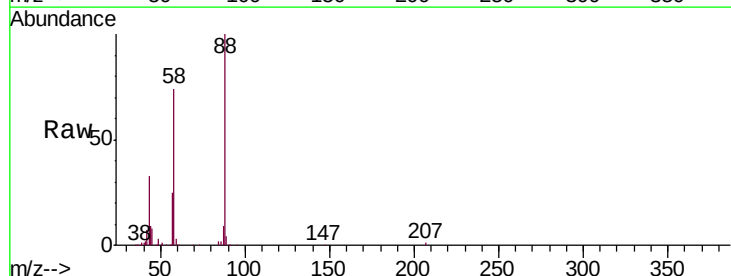
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



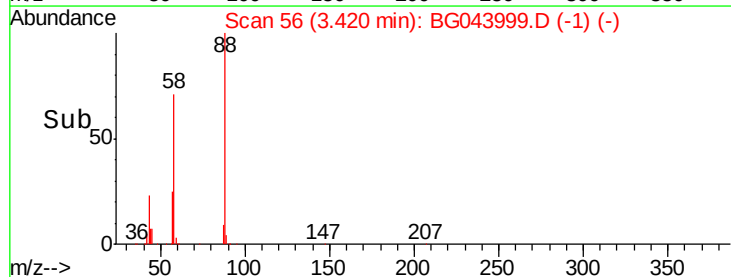
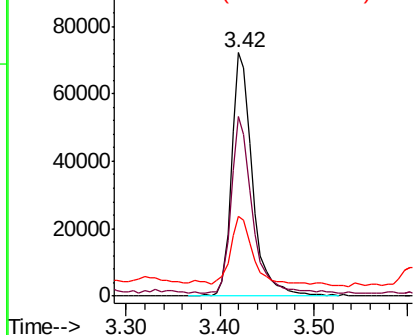
#2

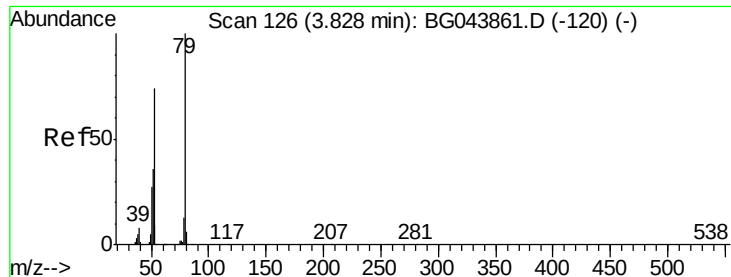
1,4-Dioxane
Concen: 44.691 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.02 min
Lab File: BG043999.D
Acq: 10 Jan 2020 13:00

Tgt Ion: 88 Resp: 112709
Ion Ratio Lower Upper
88 100
58 71.6 59.8 89.8
43 29.5 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: 35.398 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG043999.D

Acq: 10 Jan 2020 13:00

Instrument :

BNA_G

ClientSampleId :

PB126006BS

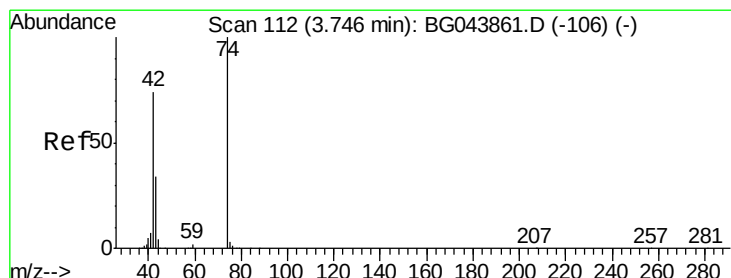
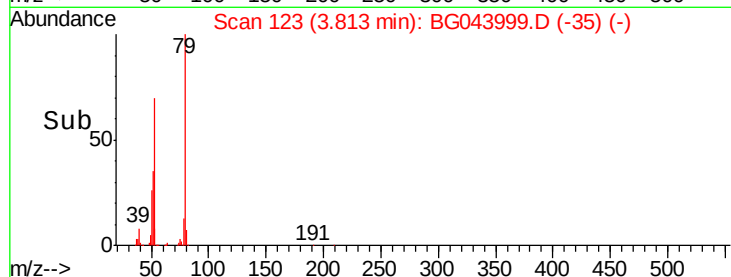
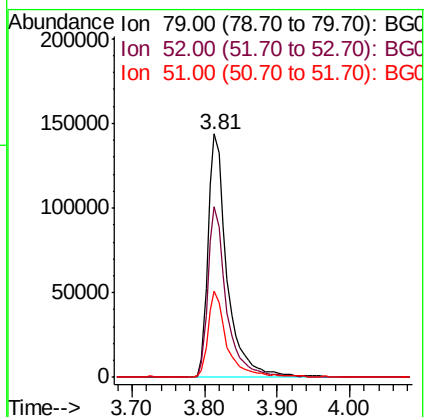
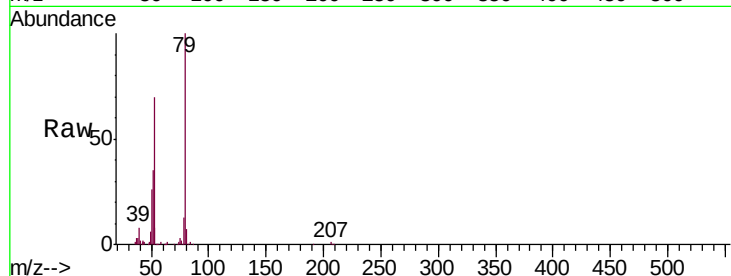
Tgt Ion: 79 Resp: 263723

Ion Ratio Lower Upper

79 100

52 70.0 58.9 88.3

51 35.3 28.6 43.0



#4

n-Nitrosodimethylamine

Concen: 40.244 ng

RT: 3.73 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG043999.D

Acq: 10 Jan 2020 13:00

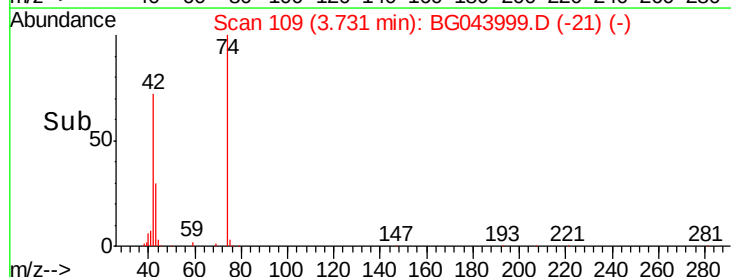
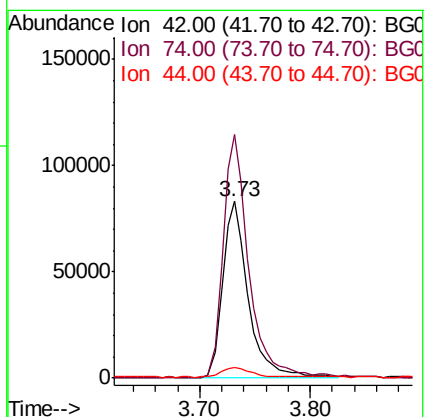
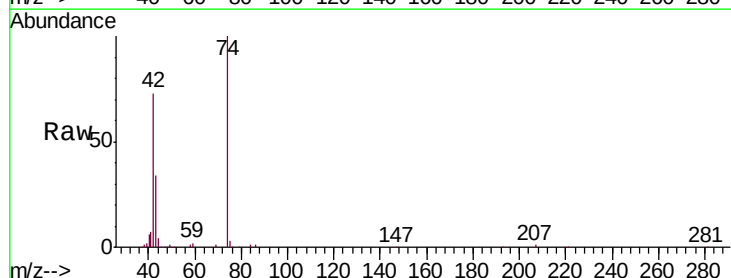
Tgt Ion: 42 Resp: 133488

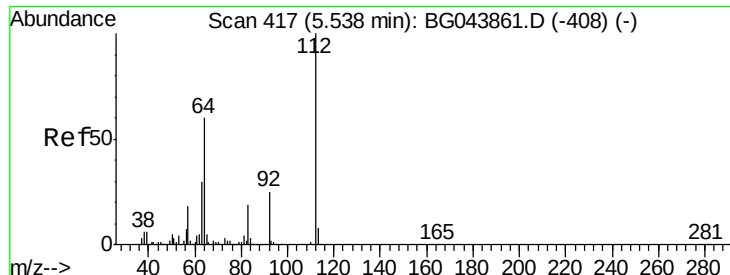
Ion Ratio Lower Upper

42 100

74 137.6 108.6 162.8

44 5.9 5.0 7.6





#5

2-Fluorophenol

Concen: 132.975 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.00 min

Lab File: BG043999.D

Acq: 10 Jan 2020 13:00

Instrument :

BNA_G

ClientSampleId :

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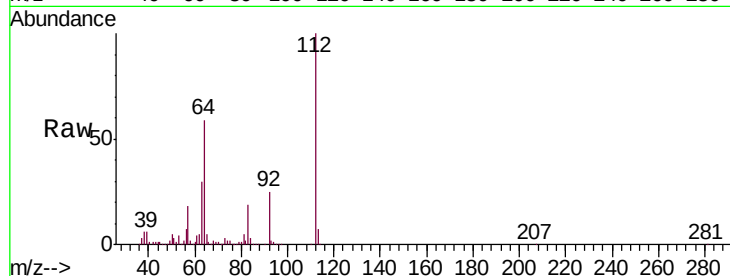
Tgt Ion: 112 Resp: 769135

Ion Ratio Lower Upper

112 100

64 58.7 47.8 71.6

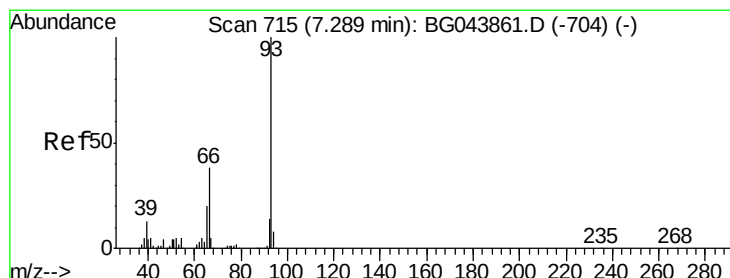
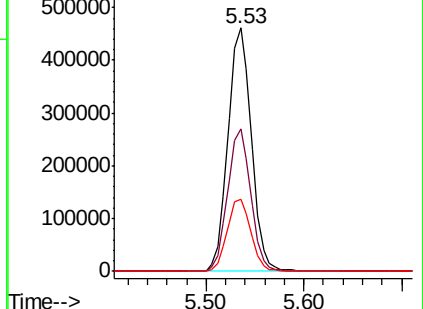
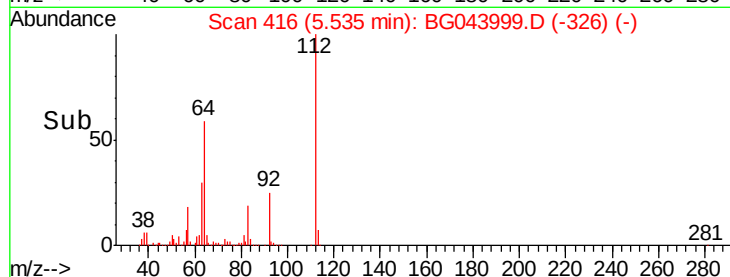
63 29.8 24.3 36.5



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: 31.075 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BG043999.D

Acq: 10 Jan 2020 13:00

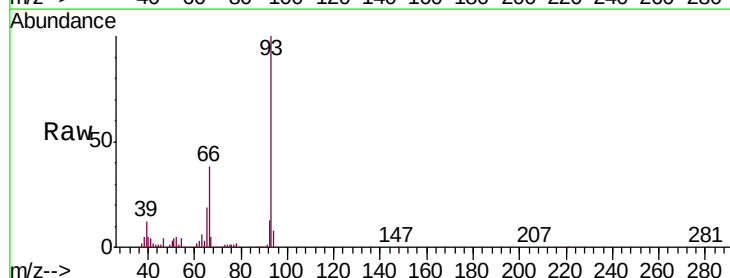
Tgt Ion: 93 Resp: 329997

Ion Ratio Lower Upper

93 100

66 37.9 30.8 46.2

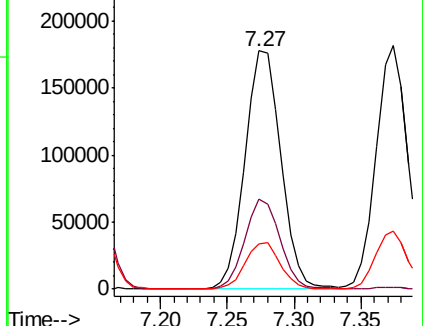
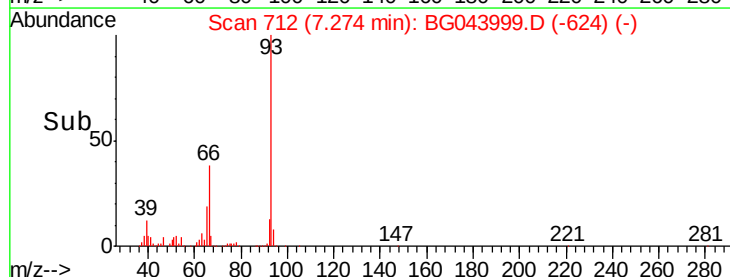
65 19.2 16.0 24.0

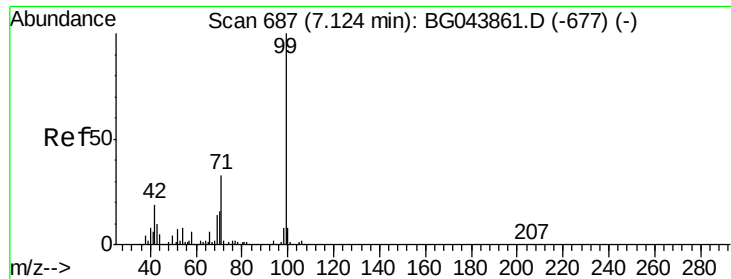


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 123.362 ng

RT: 7.13 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG043999.D

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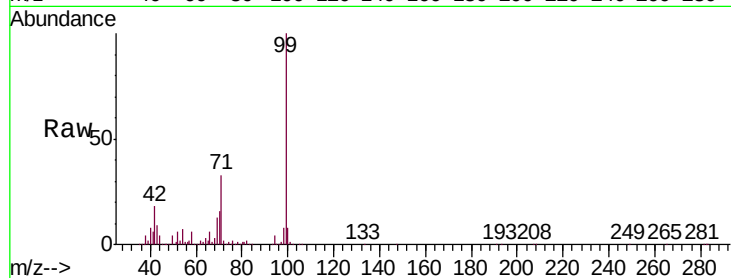
Tgt Ion: 99 Resp: 997383

Ion Ratio Lower Upper

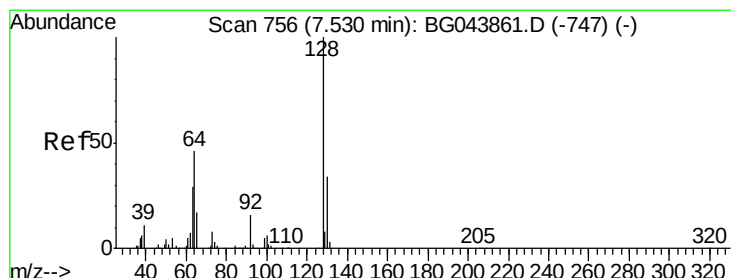
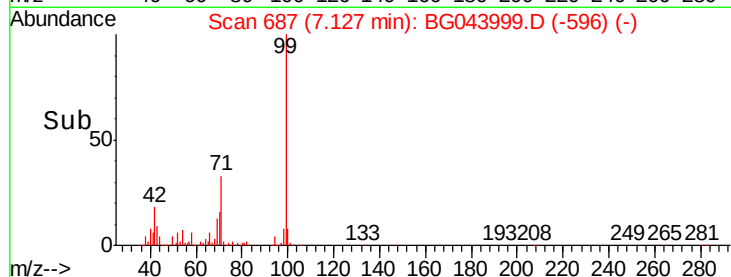
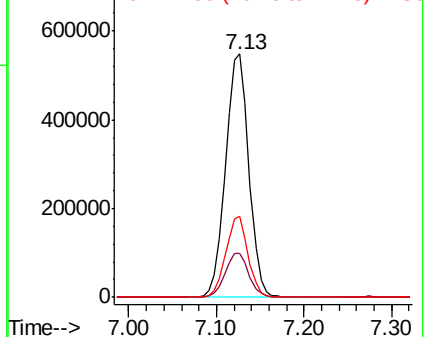
99 100

42 18.3 14.9 22.3

71 33.2 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 46.983 ng

RT: 7.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG043999.D

Acq: 10 Jan 2020 13:00

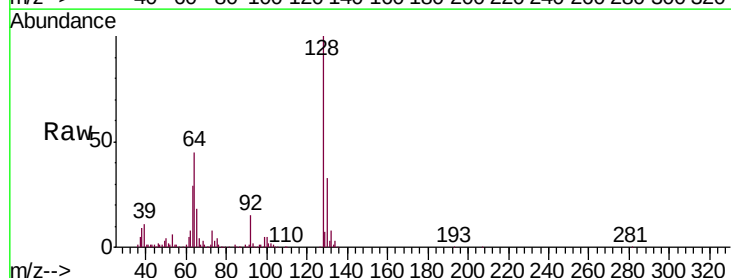
Tgt Ion: 128 Resp: 319033

Ion Ratio Lower Upper

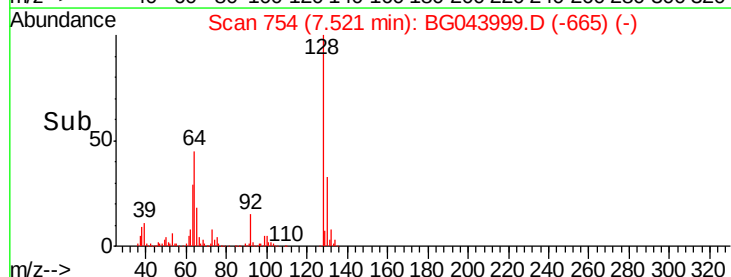
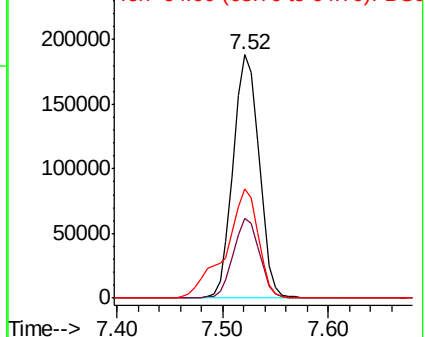
128 100

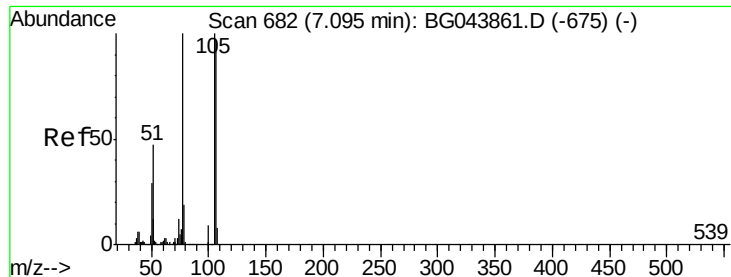
130 32.8 13.8 53.8

64 44.7 27.6 67.6



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





#9

Benzaldehyde

Concen: 32.590 ng

RT: 7.09 min Scan# 680

Delta R.T. -0.01 min

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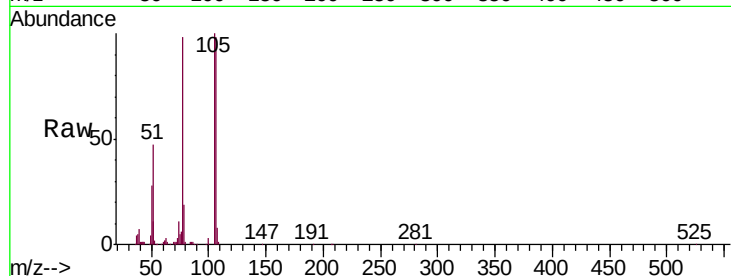
Tgt Ion: 77 Resp: 168639

Ion Ratio Lower Upper

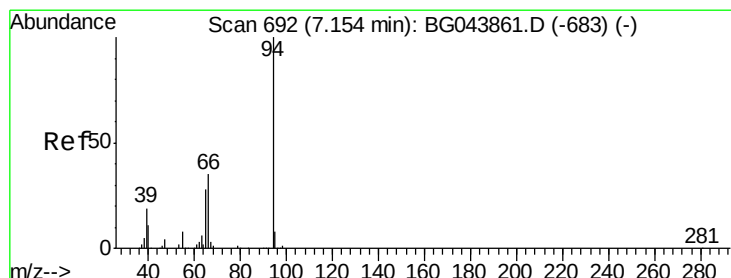
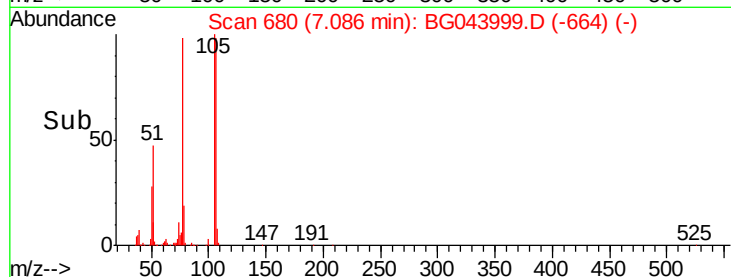
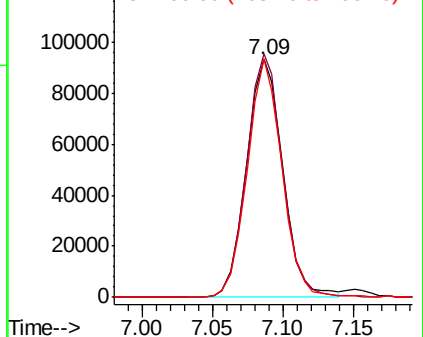
77 100

105 102.2 80.2 120.2

106 100.0 77.2 117.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 45.883 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

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Acq: 10 Jan 2020 13:00

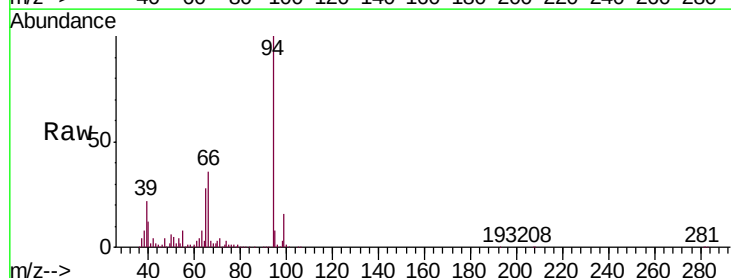
Tgt Ion: 94 Resp: 382210

Ion Ratio Lower Upper

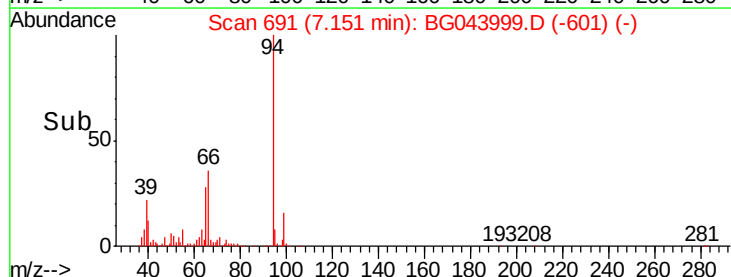
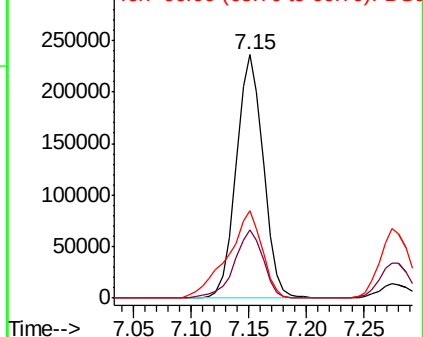
94 100

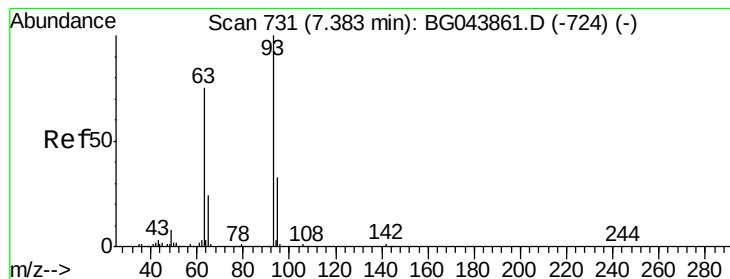
65 28.0 8.1 48.1

66 36.0 15.6 55.6



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





#11

bis(2-Chloroethyl)ether

Concen: 41.258 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BG043999.D

Acq: 10 Jan 2020 13:00

Instrument :

BNA_G

ClientSampleId :

PB126006BS

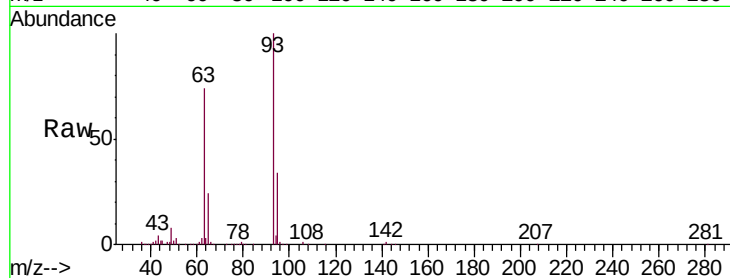
Tgt Ion: 93 Resp: 296672

Ion Ratio Lower Upper

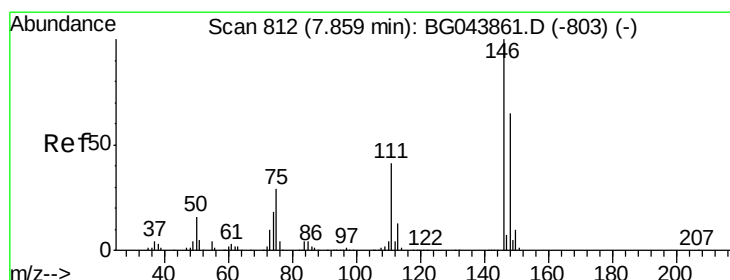
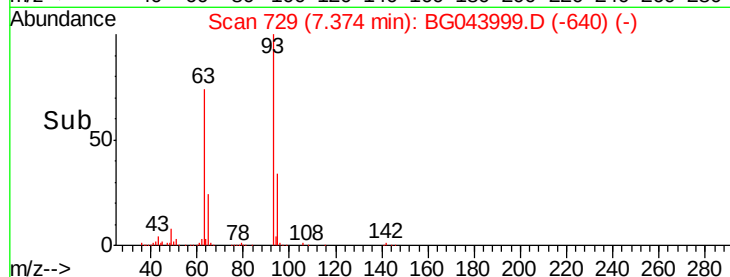
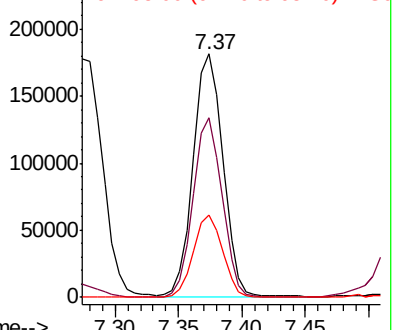
93 100

63 73.5 55.0 95.0

95 34.0 13.3 53.3



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 41.531 ng

RT: 7.84 min Scan# 809

Delta R.T. -0.01 min

Lab File: BG043999.D

Acq: 10 Jan 2020 13:00

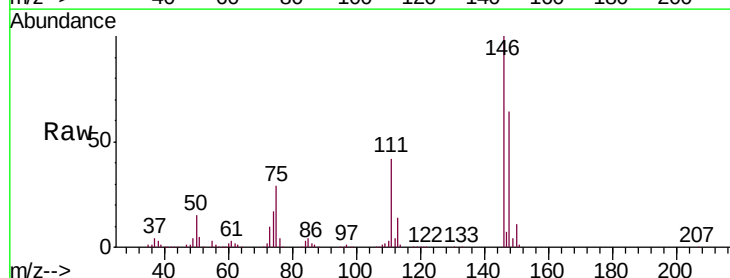
Tgt Ion: 146 Resp: 330011

Ion Ratio Lower Upper

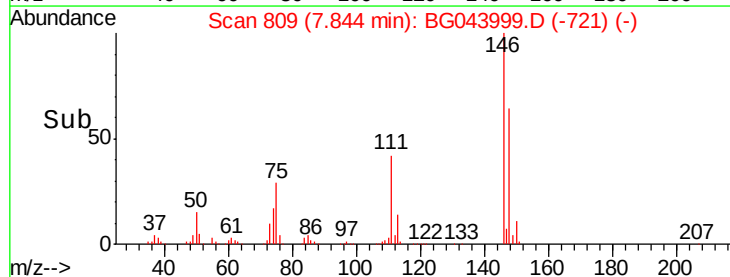
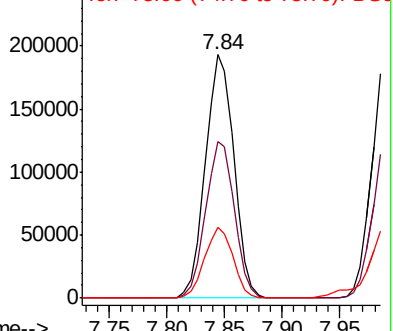
146 100

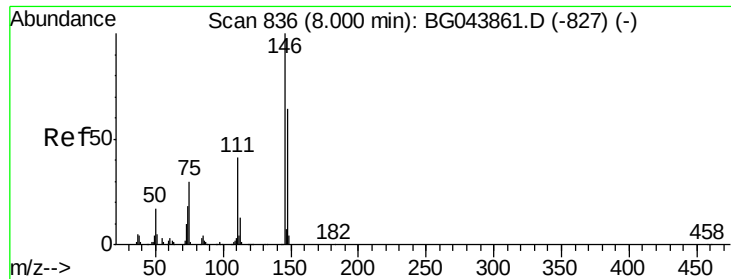
148 64.2 52.1 78.1

75 29.2 23.0 34.4



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

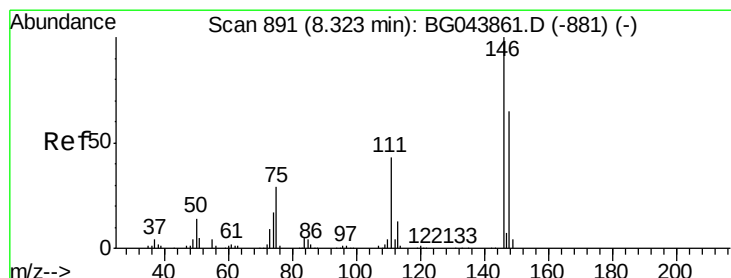
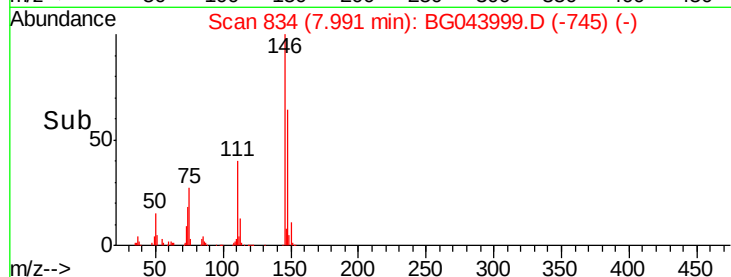
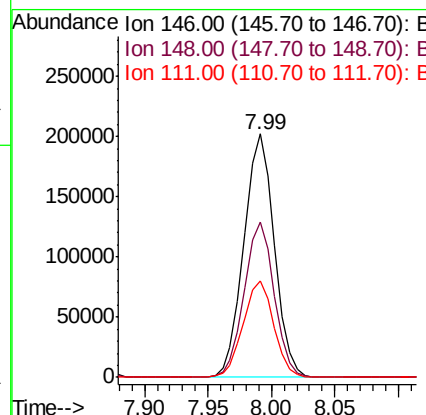
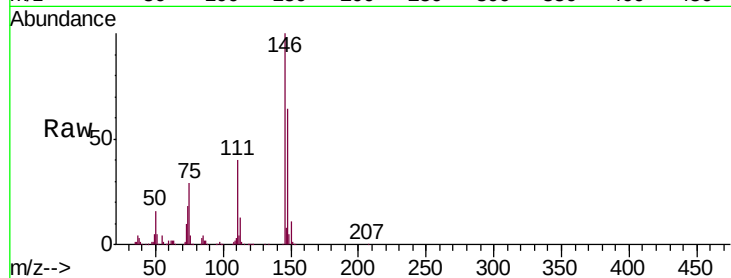




#13
 1,4-Dichlorobenzene
 Concen: 42.918 ng
 RT: 7.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BG043999.D
 Acq: 10 Jan 2020 13:00

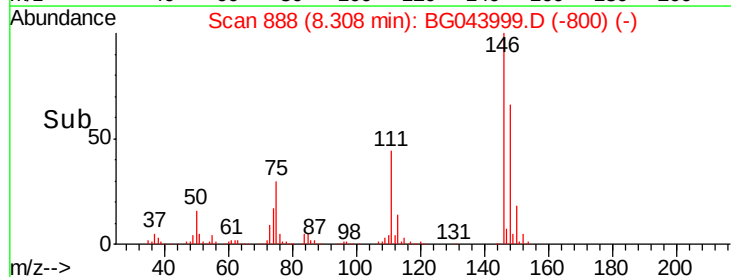
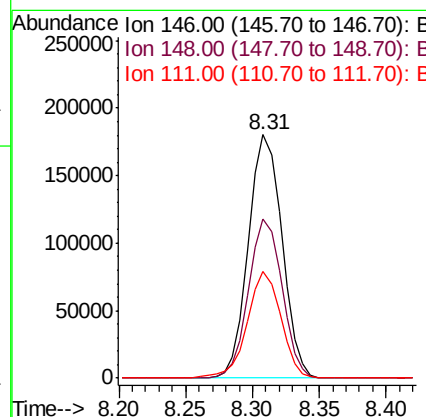
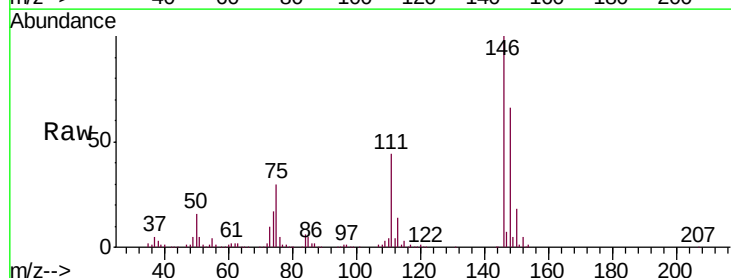
Instrument :
 BNA_G
 ClientSampleId :
 PB126006BS

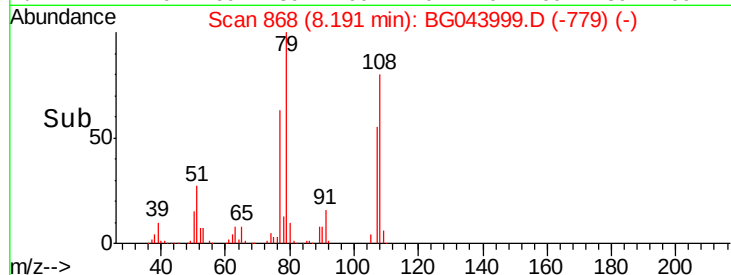
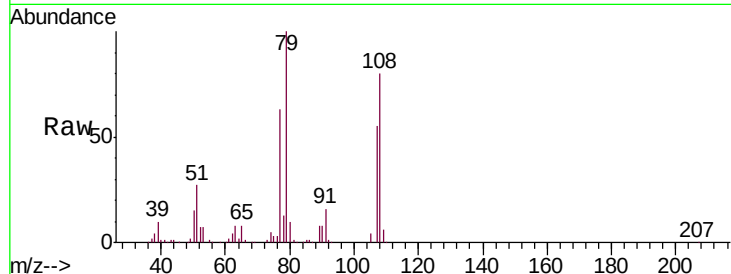
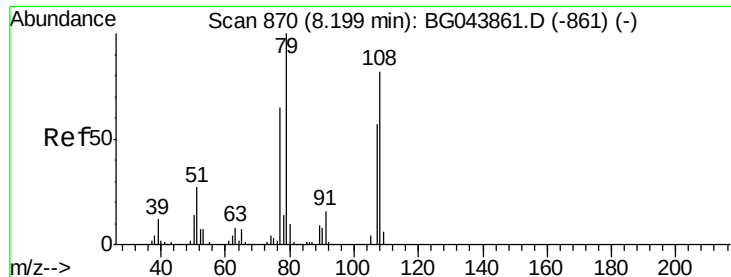
Tgt Ion:146 Resp: 336489
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.2 76.8
 111 39.8 33.1 49.7



#14
 1,2-Dichlorobenzene
 Concen: 41.696 ng
 RT: 8.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BG043999.D
 Acq: 10 Jan 2020 13:00

Tgt Ion:146 Resp: 313781
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.7 77.5
 111 43.9 34.4 51.6

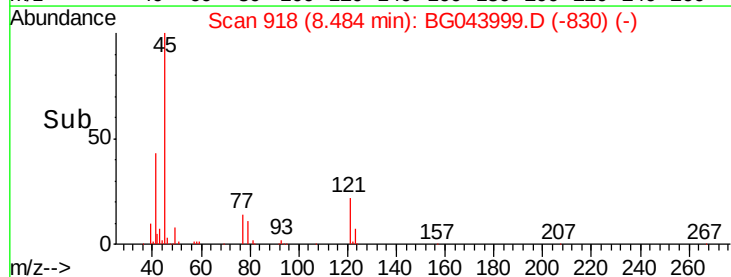
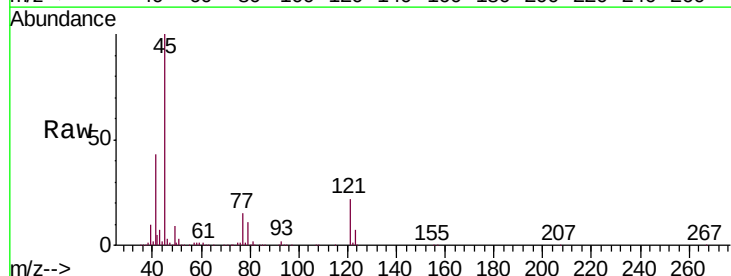
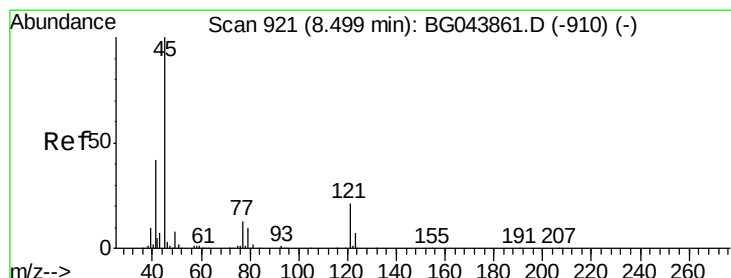
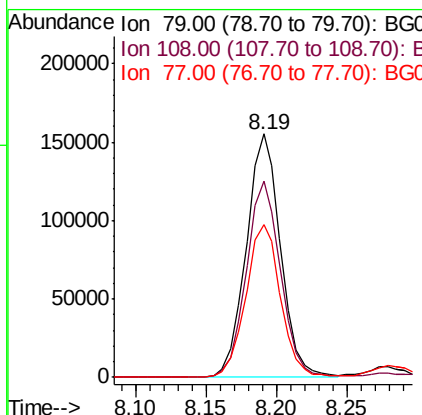




#15
Benzyl Alcohol
Concen: 41.429 ng
RT: 8.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BG043999.D
Acq: 10 Jan 2020 13:00

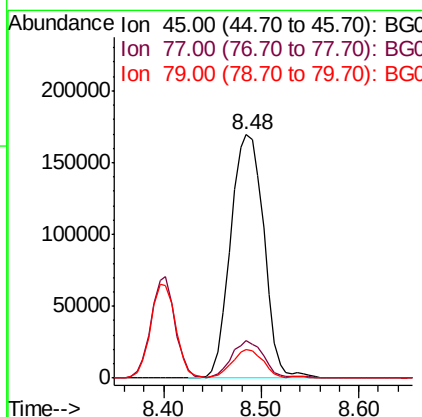
Instrument :
BNA_G
ClientSampleId :
PB126006BS

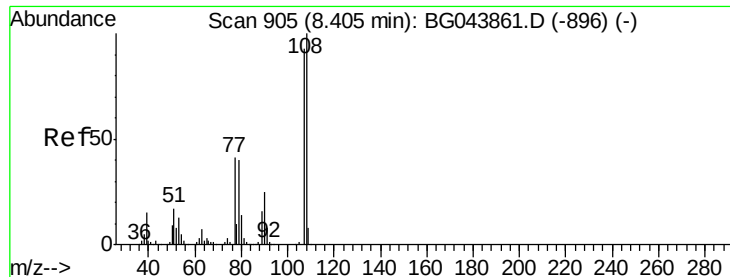
Tgt Ion	Ratio	Lower	Upper
79	100		
108	80.4	65.6	98.4
77	62.9	52.0	78.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.141 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.01 min
Lab File: BG043999.D
Acq: 10 Jan 2020 13:00

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.2	0.0	33.8
79	11.5	0.0	31.0





#17

2-Methylphenol

Concen: 44.754 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG043999.D

Acq: 10 Jan 2020 13:00

Instrument :

BNA_G

ClientSampleId :

PB126006BS

Tgt Ion:107 Resp: 269788

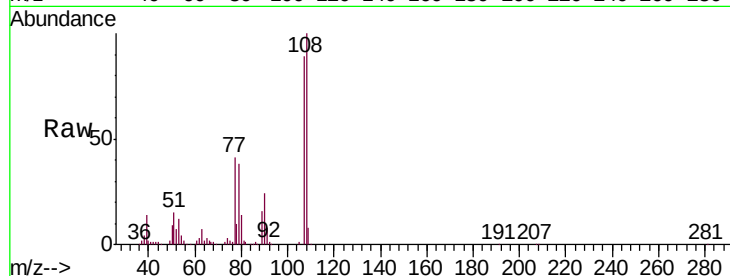
Ion Ratio Lower Upper

107 100

108 112.6 86.1 129.1

77 46.2 35.4 53.0

79 42.2 34.8 52.2

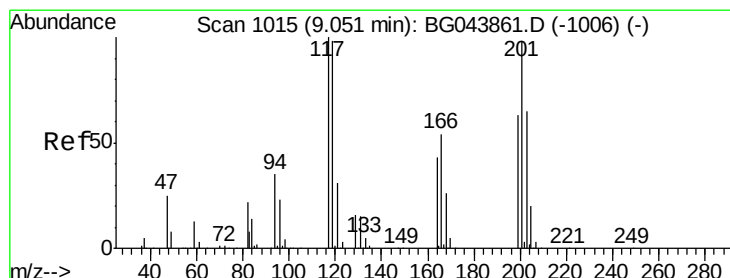
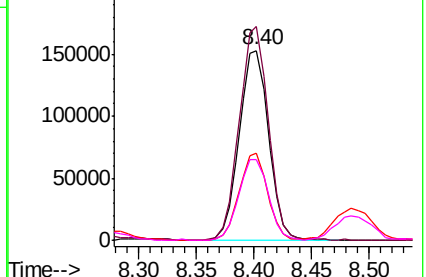
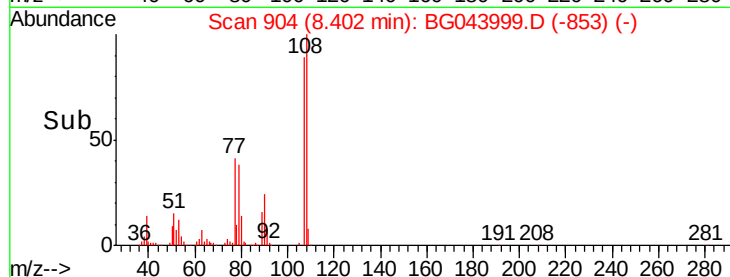


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.829 ng

RT: 9.04 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BG043999.D

Acq: 10 Jan 2020 13:00

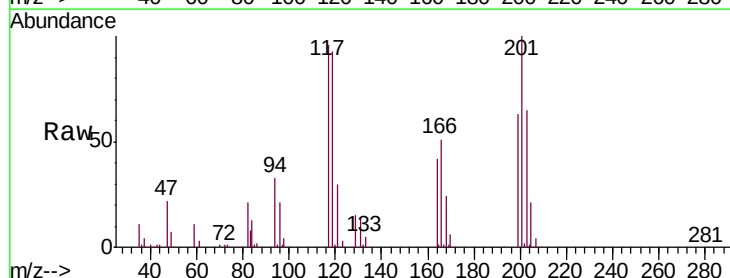
Tgt Ion:117 Resp: 124559

Ion Ratio Lower Upper

117 100

119 96.7 78.1 117.1

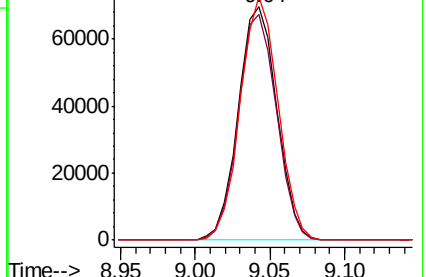
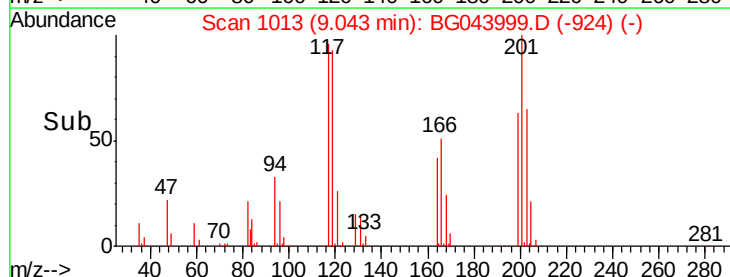
201 104.5 78.6 117.8

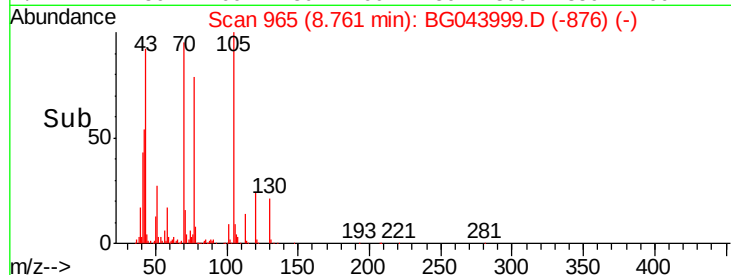
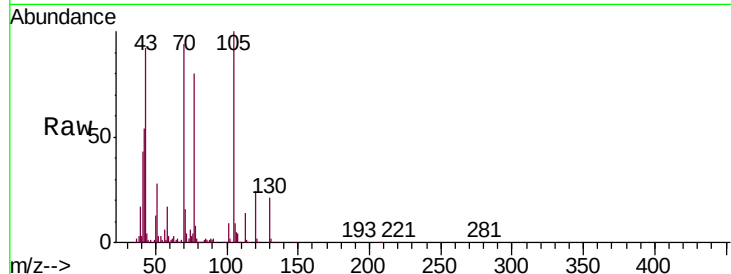
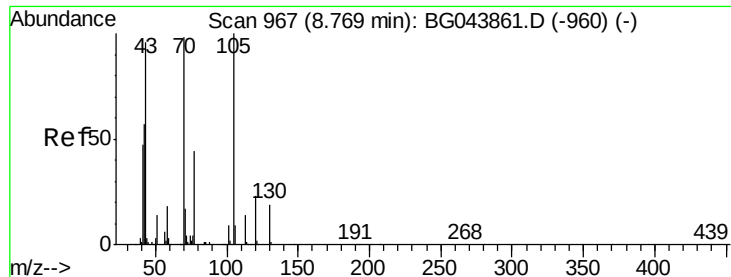


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

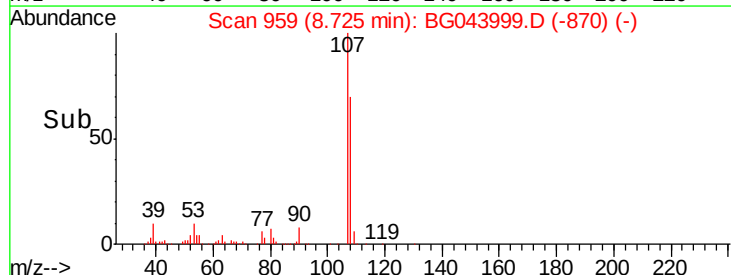
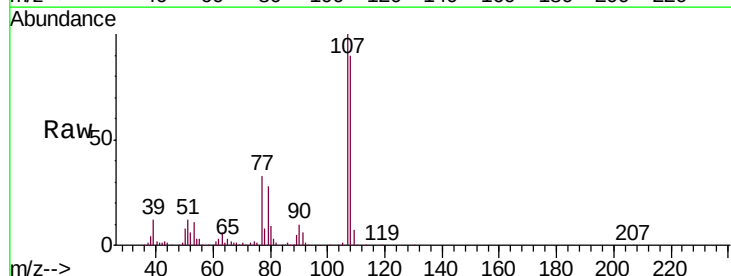
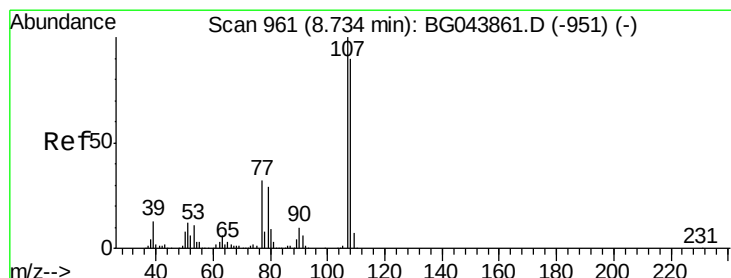
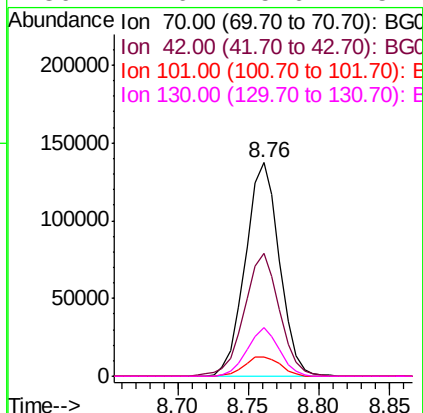




#19
n-Nitroso-di-n-propylamine
Concen: 38.624 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BG043999.D
Acq: 10 Jan 2020 13:00

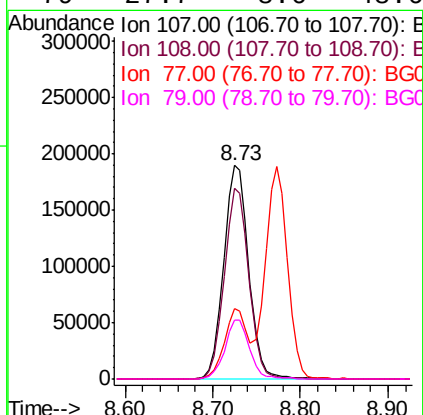
Instrument :
BNA_G
ClientSampleId :
PB126006BS

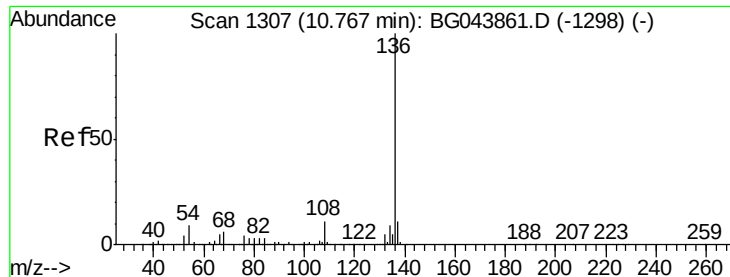
Tgt Ion:	70	Resp:	232554
Ion	Ratio	Lower	Upper
70	100		
42	57.3	47.0	70.4
101	9.2	7.2	10.8
130	22.6	15.6	23.4



#20
3+4-Methylphenols
Concen: 44.116 ng
RT: 8.73 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG043999.D
Acq: 10 Jan 2020 13:00

Tgt Ion:	107	Resp:	370997
Ion	Ratio	Lower	Upper
107	100		
108	89.5	70.3	110.3
77	33.0	12.4	52.4
79	27.7	8.6	48.6

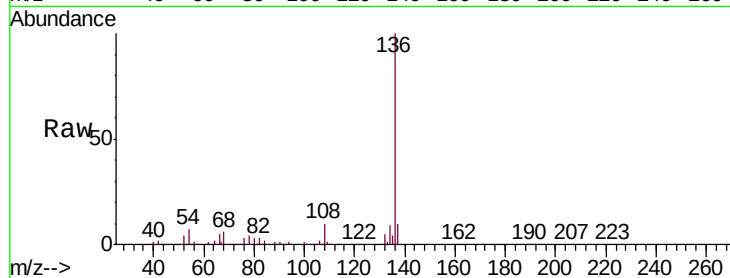




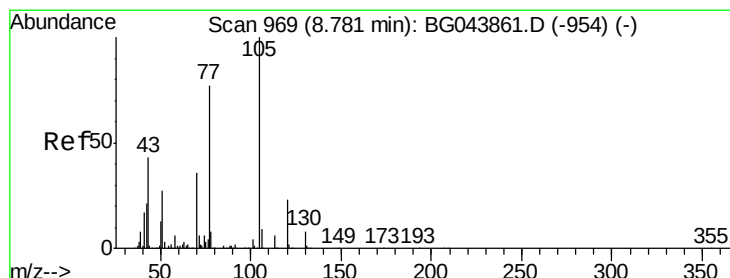
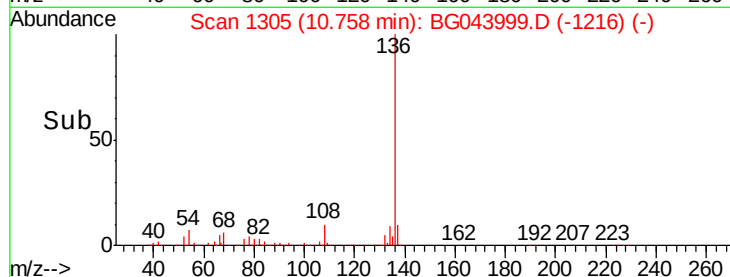
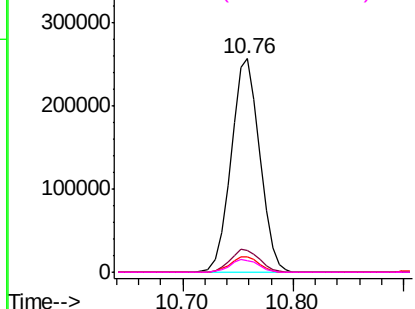
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG043999.D
Acq: 10 Jan 2020 13:00

Instrument :
BNA_G
ClientSampleId :
PB126006BS

Tgt Ion:	136	Resp:	465309
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	7.4	7.0	10.4
68	5.5	4.9	7.3

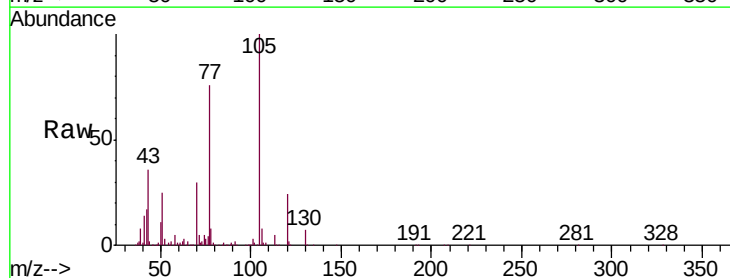


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

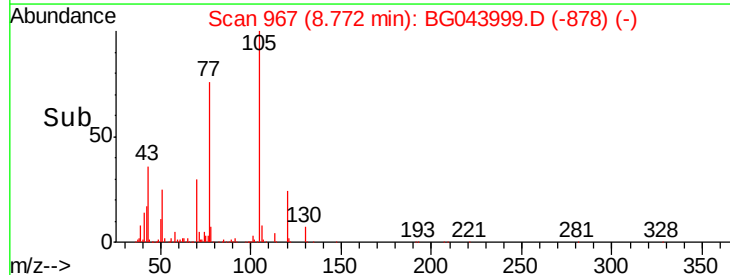
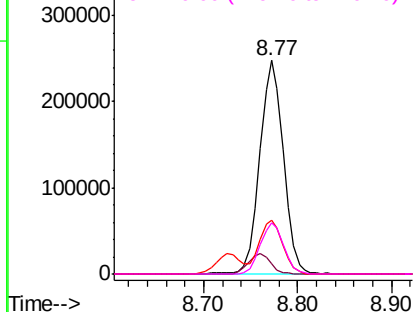


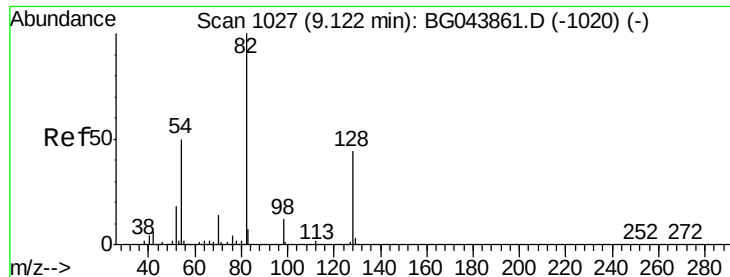
#22
Acetophenone
Concen: 37.279 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BG043999.D
Acq: 10 Jan 2020 13:00

Tgt Ion:	105	Resp:	431248
Ion	Ratio	Lower	Upper
105	100		
71	4.6	4.8	7.2#
51	25.0	21.4	32.0
120	23.8	18.6	28.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

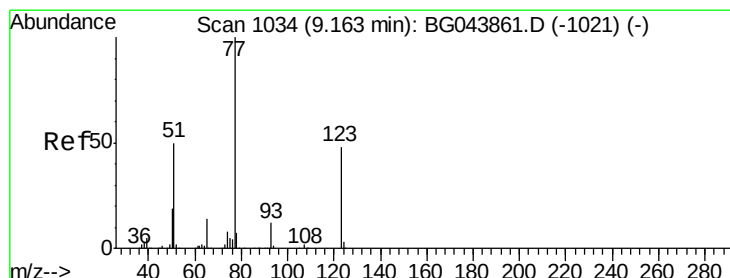
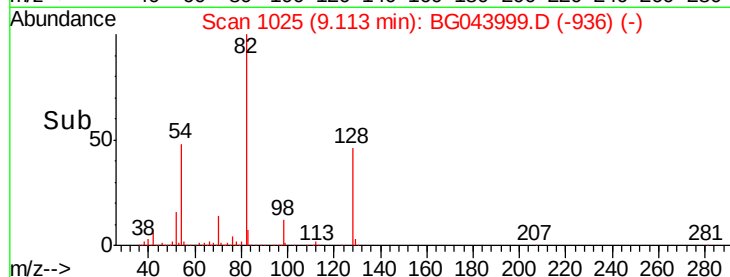
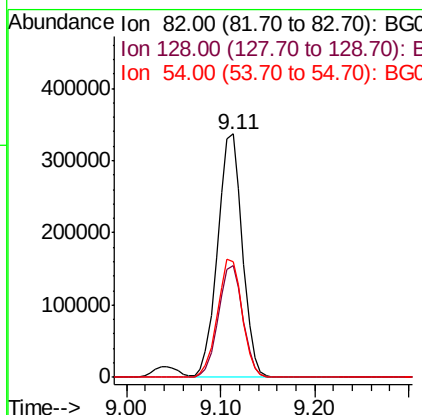
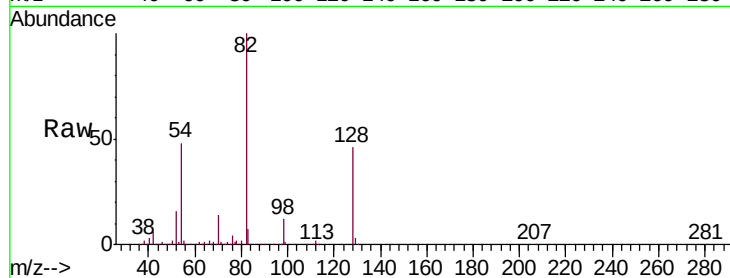




#23
 Nitrobenzene-d5
 Concen: 71.014 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG043999.D
 Acq: 10 Jan 2020 13:00

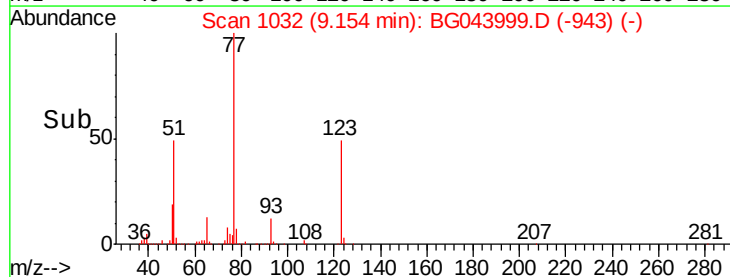
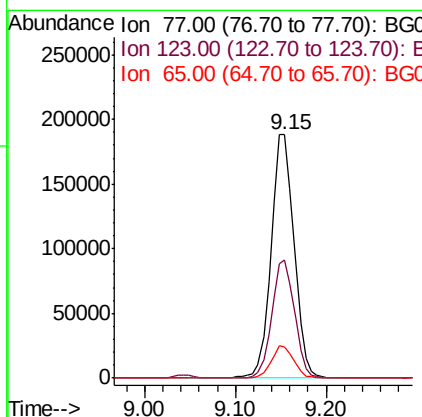
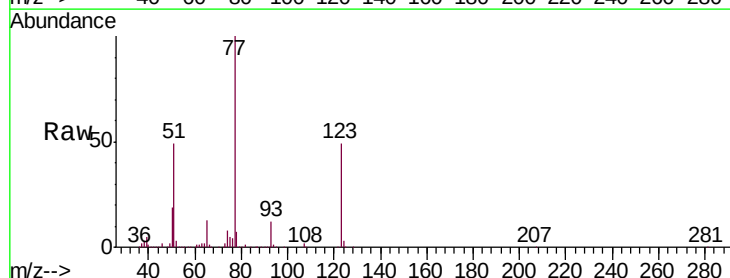
Instrument :
 BNA_G
 ClientSampleId :
 PB126006BS

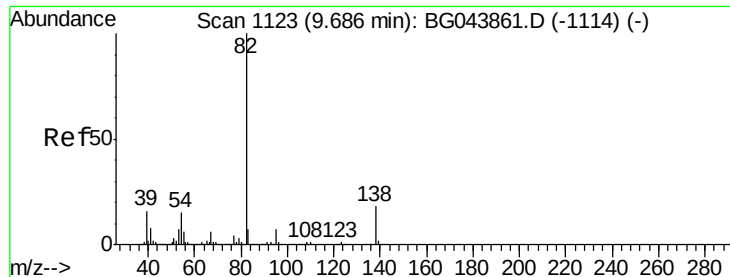
Tgt Ion: 82 Resp: 617678
 Ion Ratio Lower Upper
 82 100
 128 46.1 35.1 52.7
 54 47.7 40.1 60.1



#24
 Nitrobenzene
 Concen: 38.535 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BG043999.D
 Acq: 10 Jan 2020 13:00

Tgt Ion: 77 Resp: 331970
 Ion Ratio Lower Upper
 77 100
 123 48.5 38.7 58.1
 65 12.5 11.1 16.7

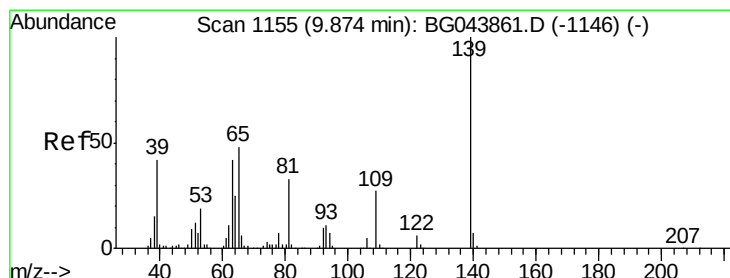
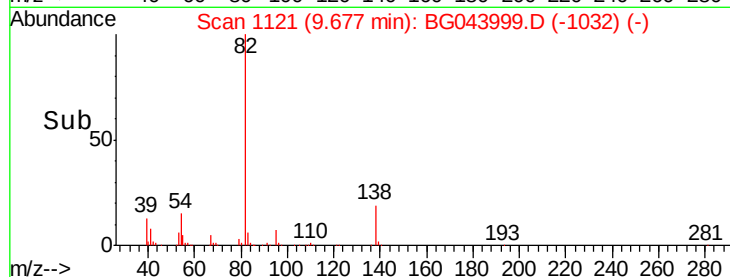
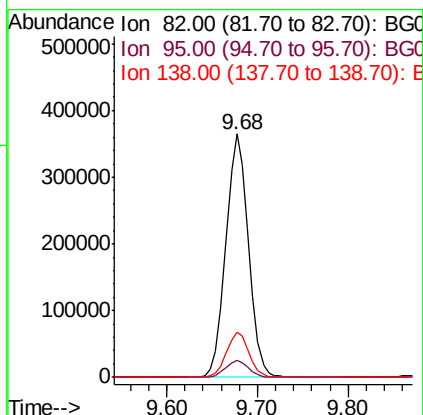
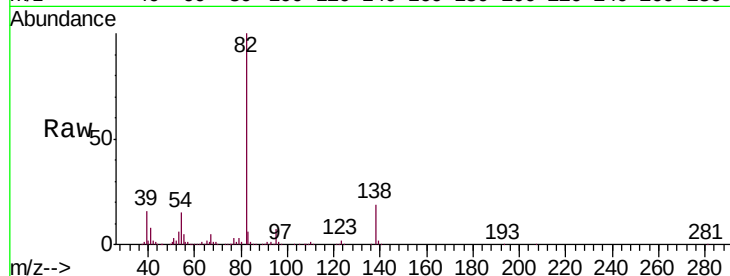




#25
Isophorone
Concen: 38.506 ng
RT: 9.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BG043999.D
Acq: 10 Jan 2020 13:00

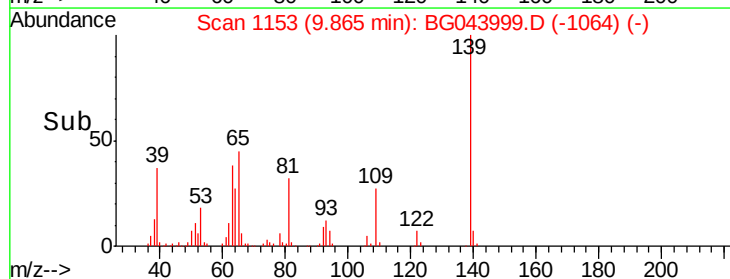
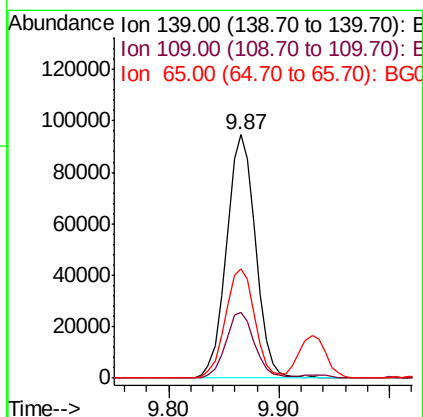
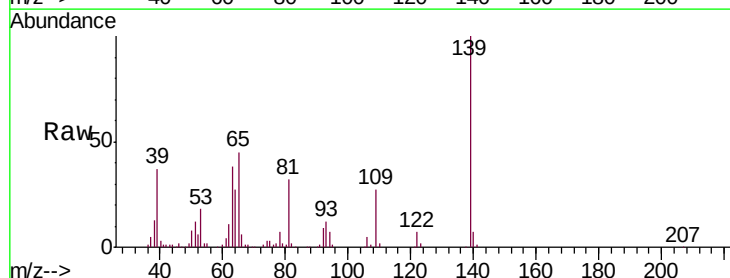
Instrument :
BNA_G
ClientSampleId :
PB126006BS

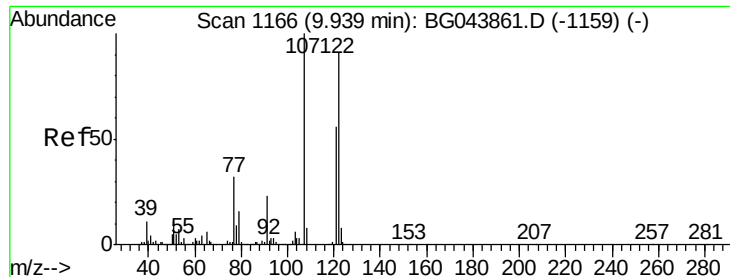
Tgt Ion: 82 Resp: 628351
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.6
138 18.7 14.6 22.0



#26
2-Nitrophenol
Concen: 42.700 ng
RT: 9.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BG043999.D
Acq: 10 Jan 2020 13:00

Tgt Ion: 139 Resp: 174036
Ion Ratio Lower Upper
139 100
109 27.0 21.3 31.9
65 44.8 38.6 57.8

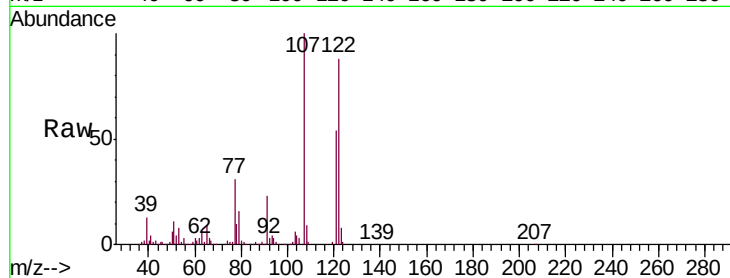




#27
2,4-Dimethylphenol
Concen: 48.095 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BG043999.D
Acq: 10 Jan 2020 13:00

Instrument :
BNA_G
ClientSampleId :
PB126006BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	114.0	88.0	132.0
121	61.5	49.0	73.4

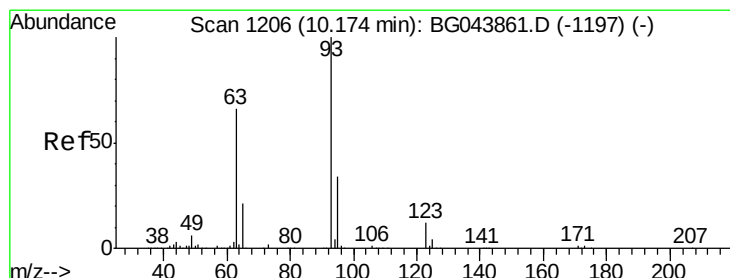
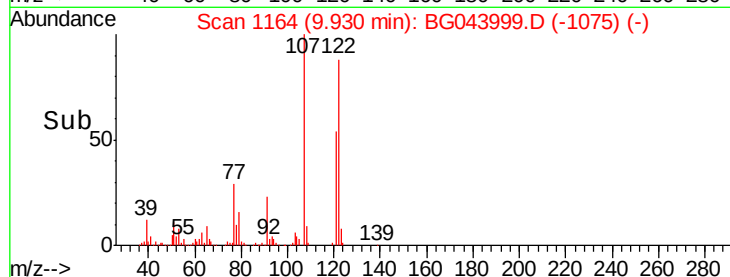
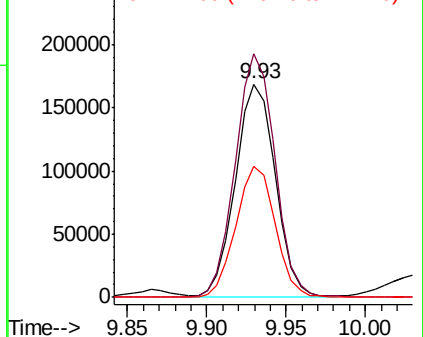


Abundance

Ion 122.00 (121.70 to 122.70): E

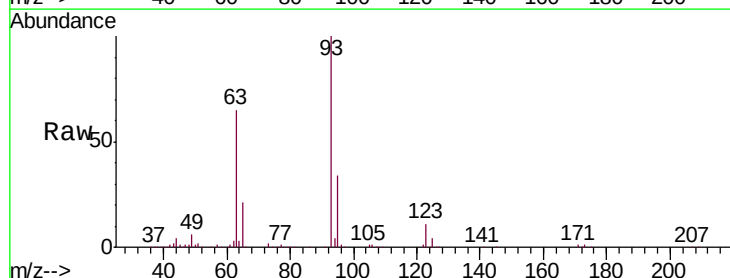
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 36.767 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BG043999.D
Acq: 10 Jan 2020 13:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.1	27.2	40.8
123	11.3	9.7	14.5

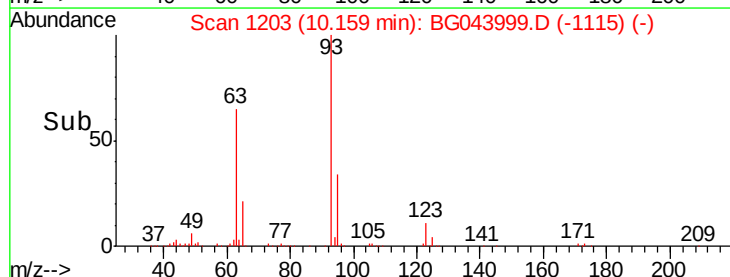
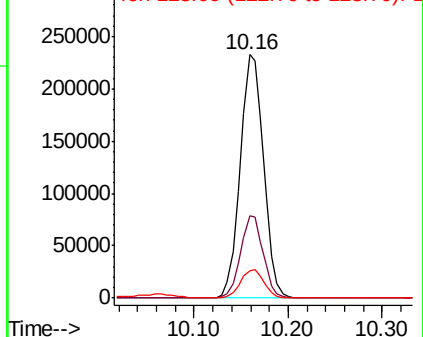


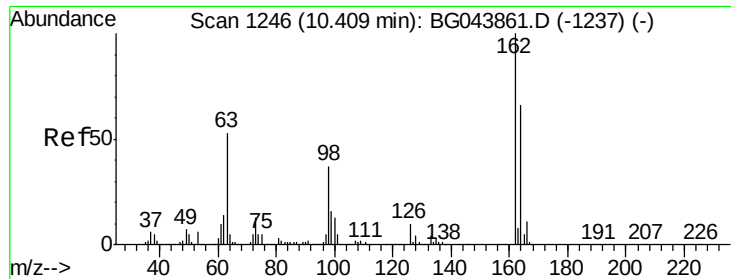
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

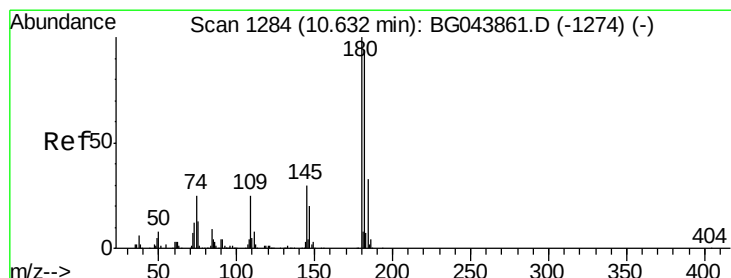
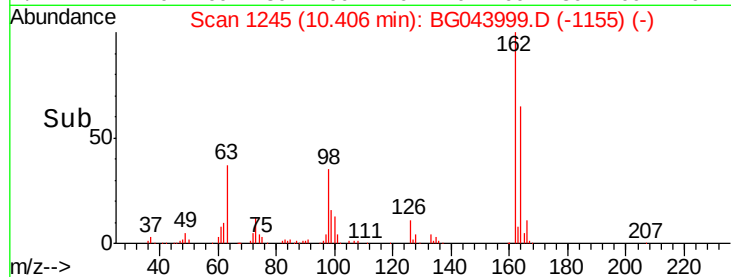
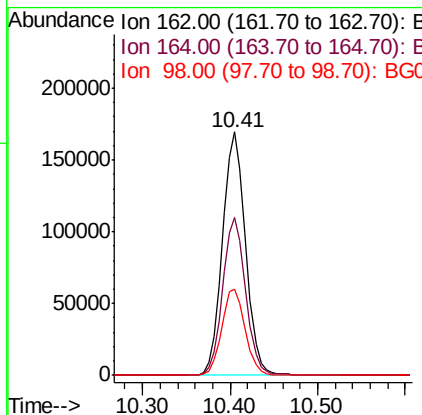
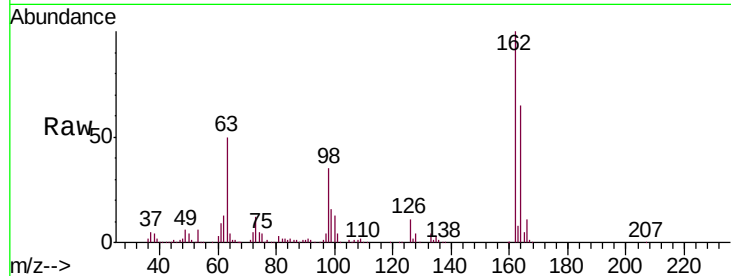




#29
2,4-Dichlorophenol
Concen: 42.269 ng
RT: 10.41 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BG043999.D
Acq: 10 Jan 2020 13:00

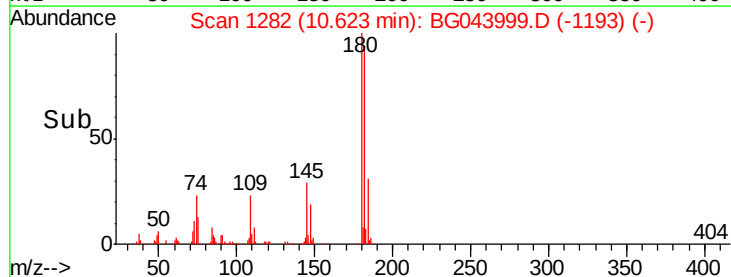
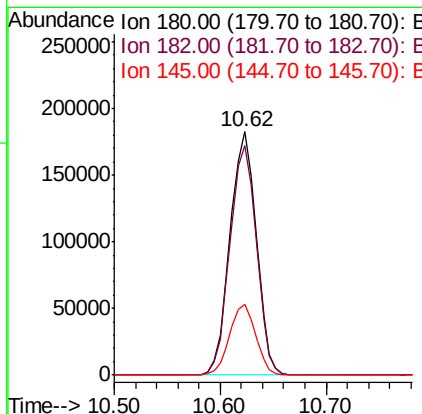
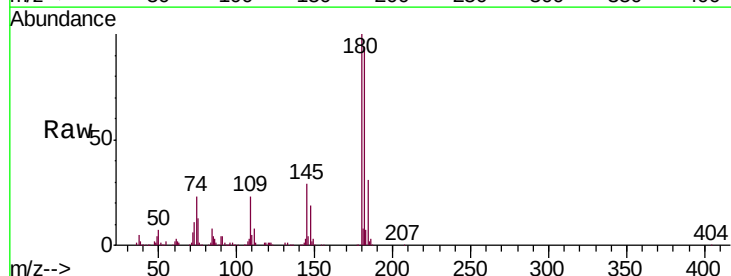
Instrument :
BNA_G
ClientSampleId :
PB126006BS

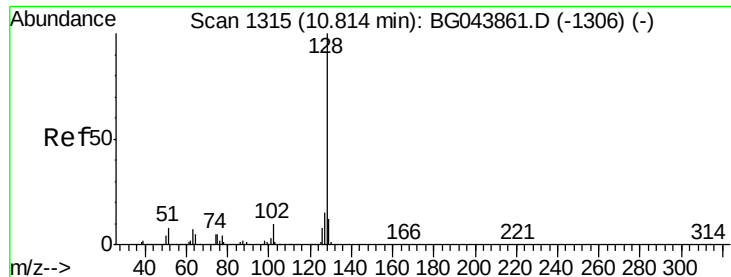
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.7	46.3	86.3
98	35.3	17.3	57.3



#30
1,2,4-Trichlorobenzene
Concen: 38.304 ng
RT: 10.62 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BG043999.D
Acq: 10 Jan 2020 13:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.0	112.4
145	29.0	24.2	36.4

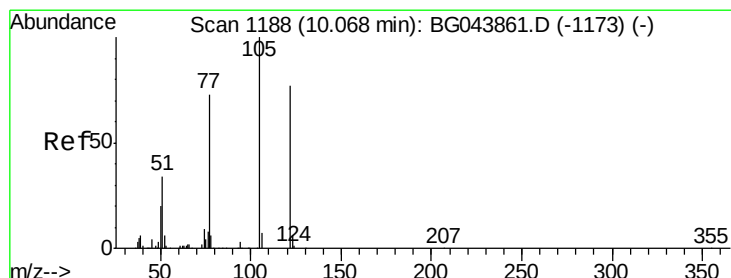
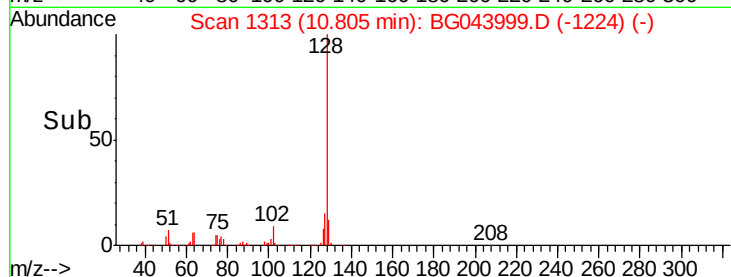
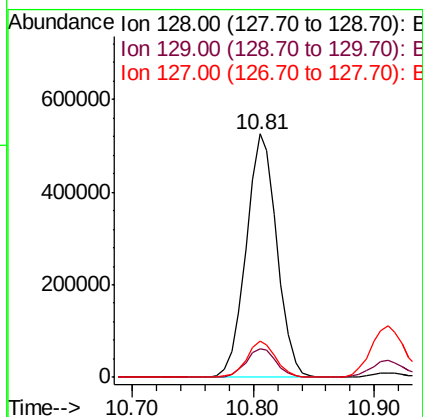
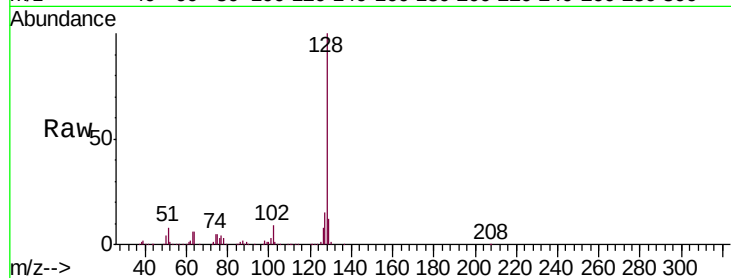




#31
Naphthalene
Concen: 41.101 ng
RT: 10.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG043999.D
Acq: 10 Jan 2020 13:00

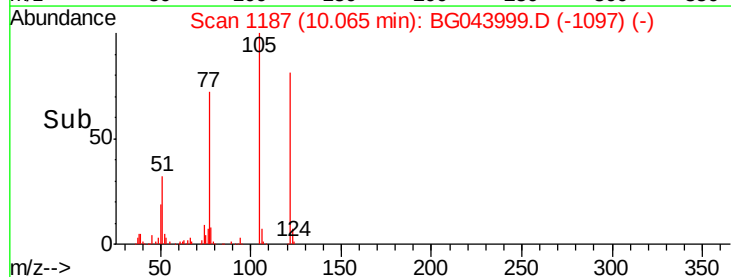
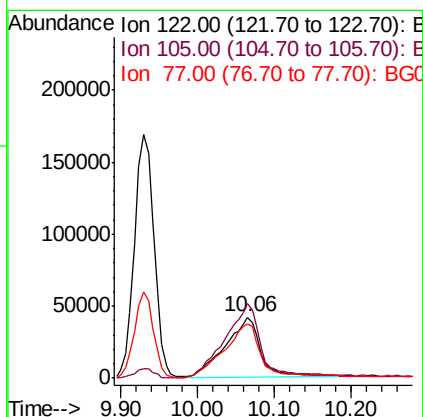
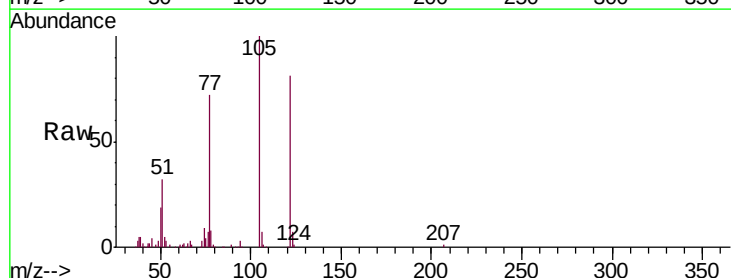
Instrument :
BNA_G
ClientSampleId :
PB126006BS

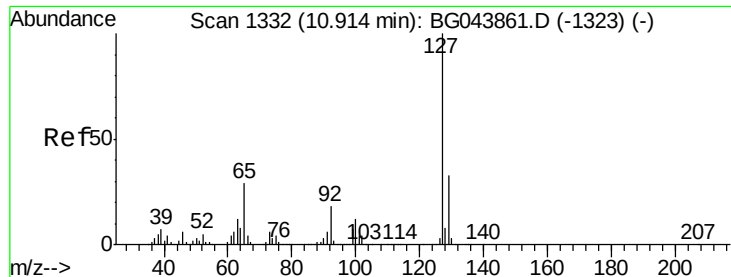
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.8	14.6
127	14.7	12.0	18.0



#32
Benzoic acid
Concen: 29.588 ng
RT: 10.06 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BG043999.D
Acq: 10 Jan 2020 13:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.3	106.4	146.4
77	88.9	74.6	114.6

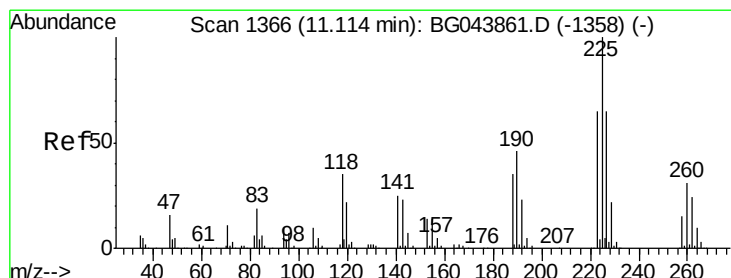
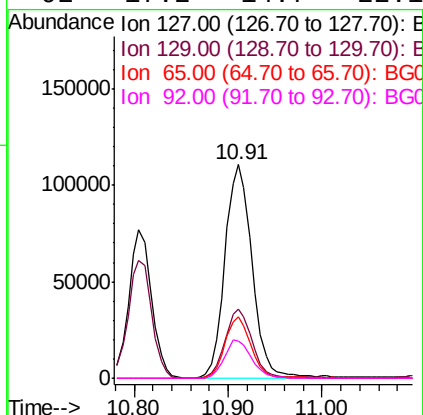
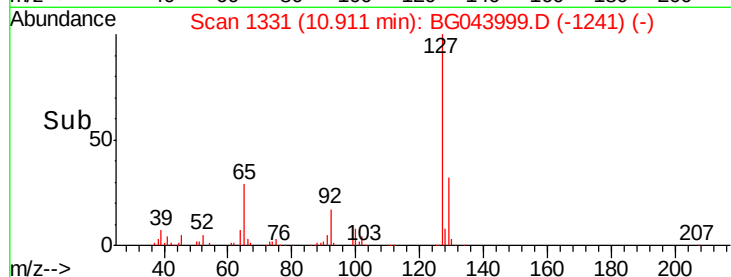
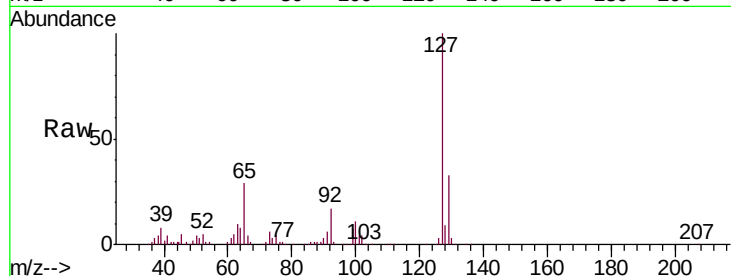




#33
4-Chloroaniline
Concen: 20.633 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BG043999.D
Acq: 10 Jan 2020 13:00

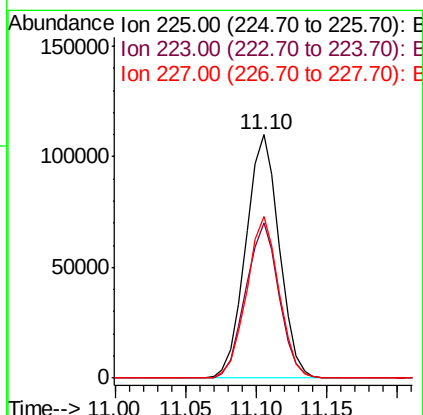
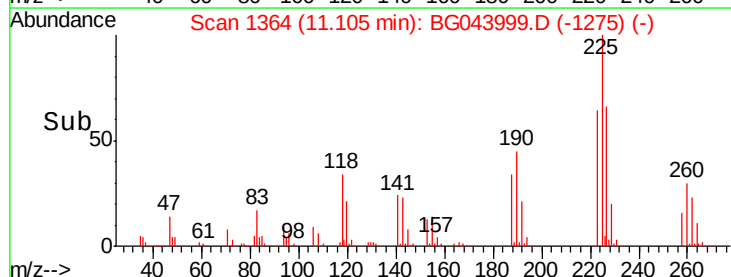
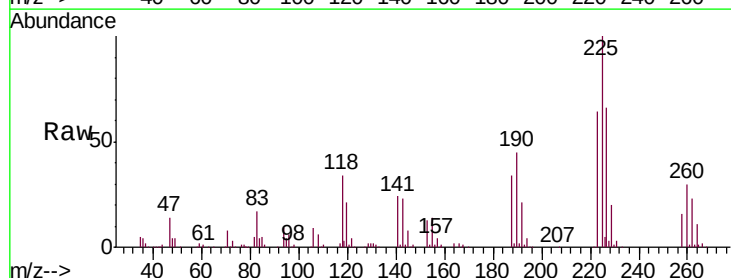
Instrument :
BNA_G
ClientSampleId :
PB126006BS

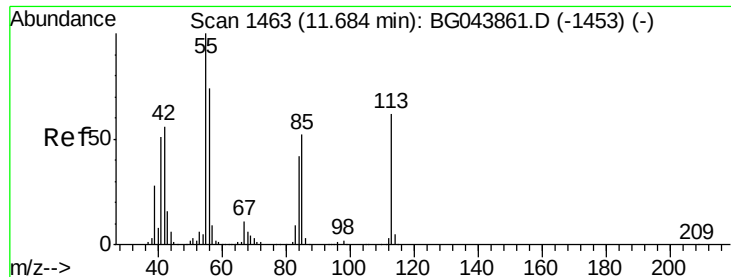
Tgt Ion:	127	Resp:	221593
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.6	40.0
65	28.9	23.3	34.9
92	17.2	14.7	22.1



#34
Hexachlorobutadiene
Concen: 36.395 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BG043999.D
Acq: 10 Jan 2020 13:00

Tgt Ion:	225	Resp:	182340
Ion	Ratio	Lower	Upper
225	100		
223	63.9	52.2	78.4
227	66.2	52.1	78.1

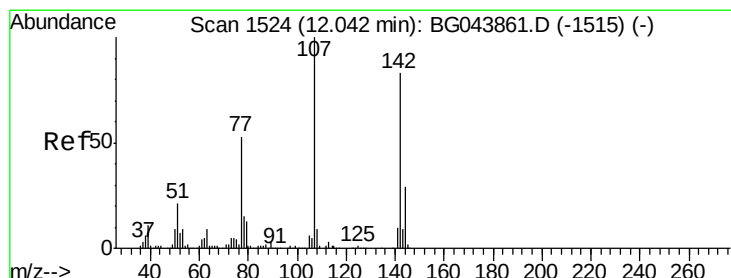
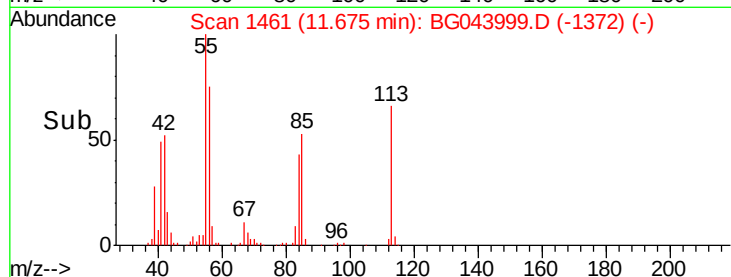
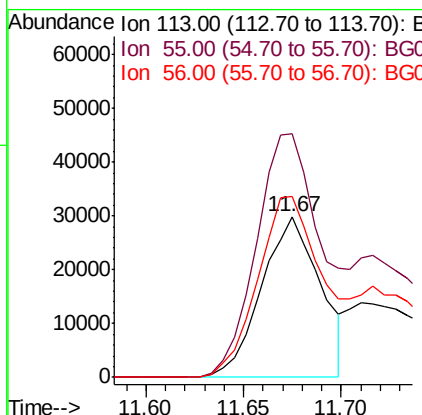
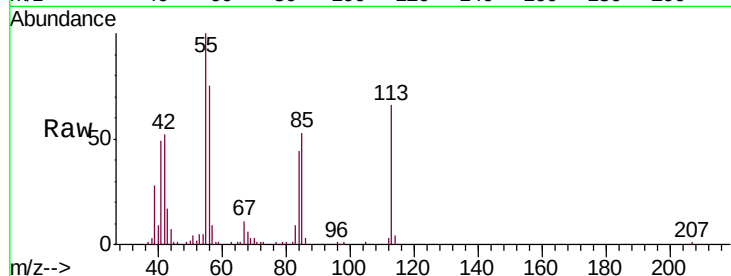




#35
 Caprolactam
 Concen: 22.893 ng
 RT: 11.67 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BG043999.D
 Acq: 10 Jan 2020 13:00

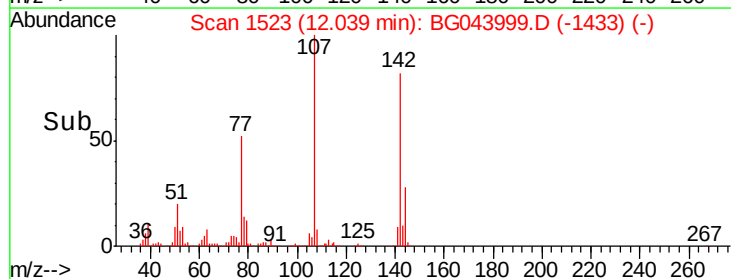
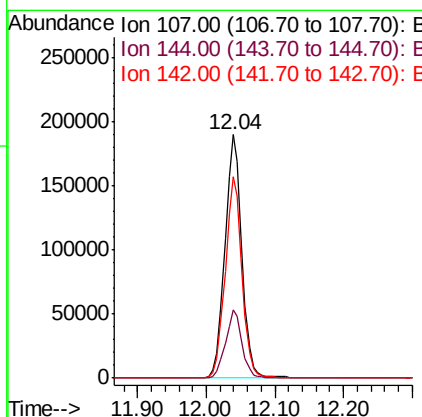
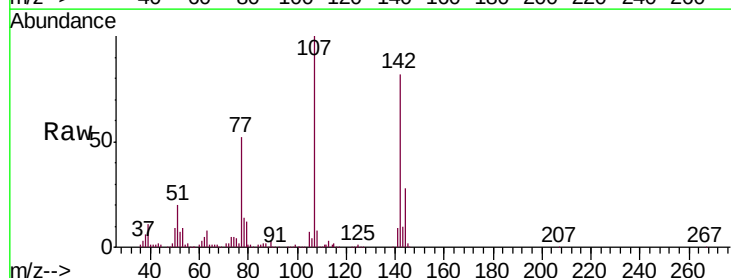
Instrument :
 BNA_G
 ClientSampleId :
 PB126006BS

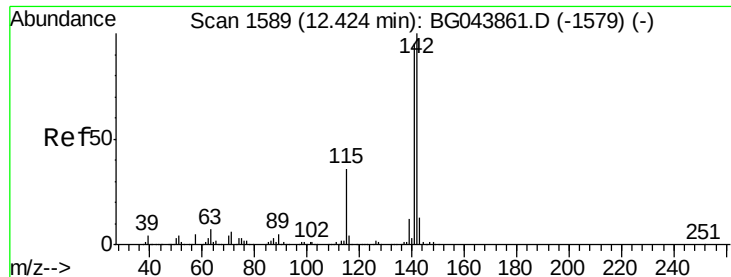
Tgt Ion:113 Resp: 62370
 Ion Ratio Lower Upper
 113 100
 55 151.7 142.5 182.5
 56 113.0 101.4 141.4



#36
 4-Chloro-3-methylphenol
 Concen: 41.843 ng
 RT: 12.04 min Scan# 1523
 Delta R.T. -0.00 min
 Lab File: BG043999.D
 Acq: 10 Jan 2020 13:00

Tgt Ion:107 Resp: 325985
 Ion Ratio Lower Upper
 107 100
 144 27.9 23.4 35.2
 142 82.5 66.3 99.5

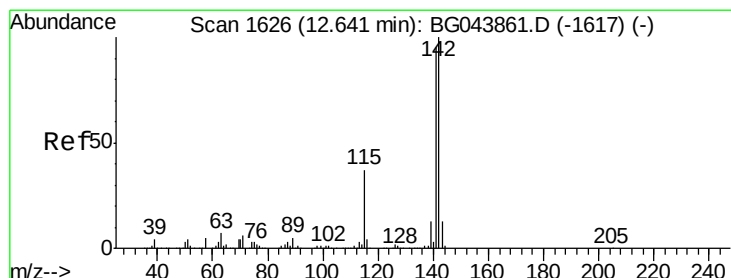
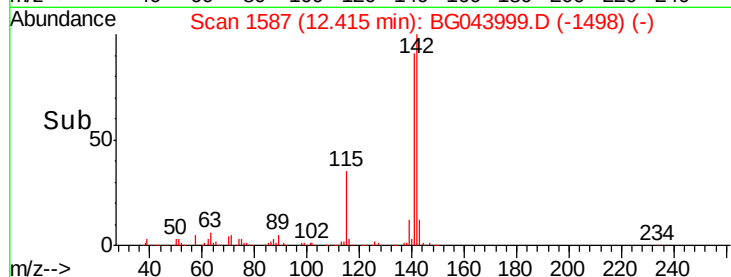
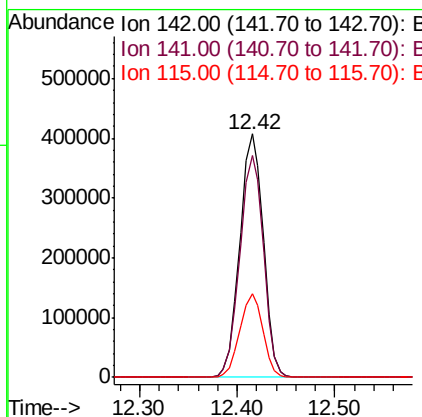
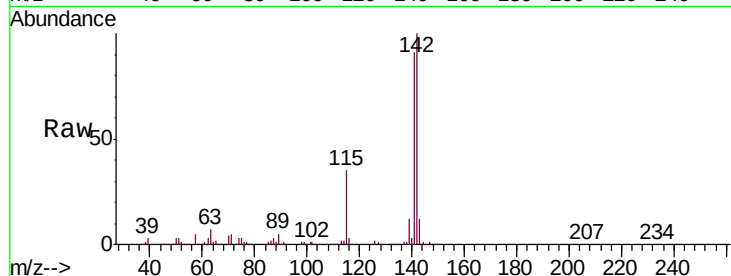




#37
 2-Methylnaphthalene
 Concen: 40.408 ng
 RT: 12.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BG043999.D
 Acq: 10 Jan 2020 13:00

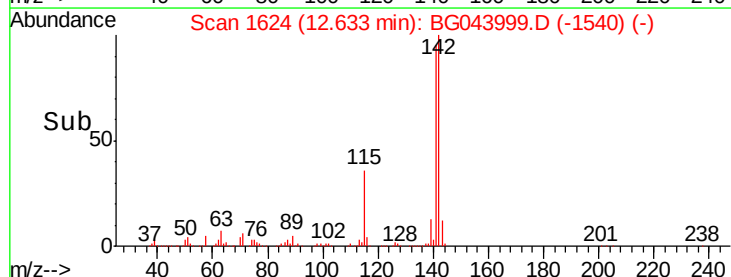
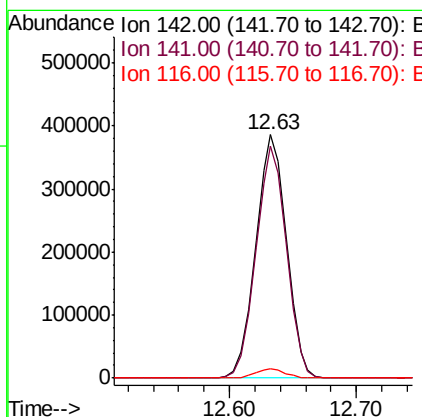
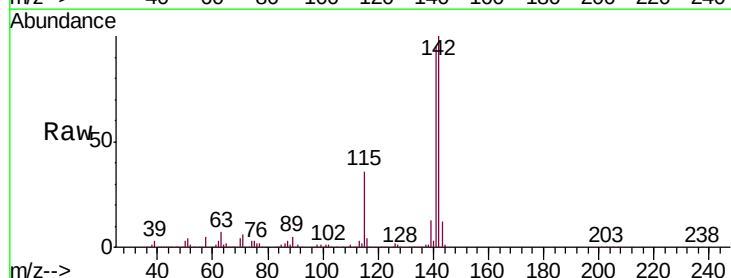
Instrument :
 BNA_G
 ClientSampleId :
 PB126006BS

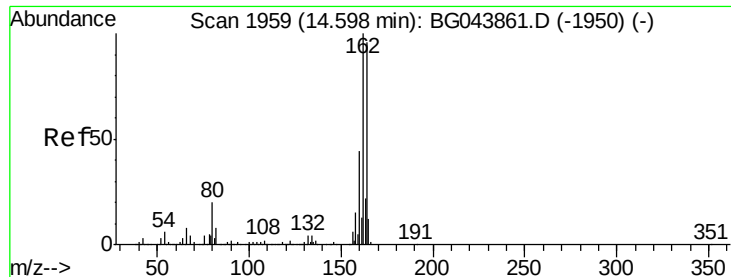
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	75.8	113.8
115	34.6	28.6	42.8



#38
 1-Methylnaphthalene
 Concen: 40.486 ng
 RT: 12.63 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BG043999.D
 Acq: 10 Jan 2020 13:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.1	76.0	114.0
116	3.9	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG043999.D

Acq: 10 Jan 2020 13:00

Instrument :

BNA_G

ClientSampleId :

PB126006BS

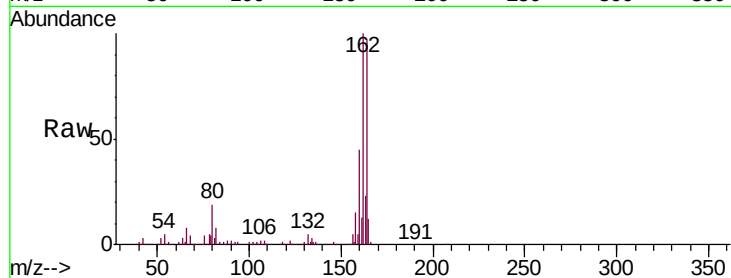
Tgt Ion:164 Resp: 297153

Ion Ratio Lower Upper

164 100

162 103.2 83.0 124.4

160 46.5 36.1 54.1

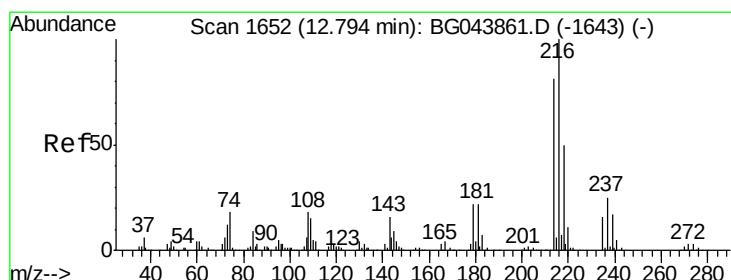
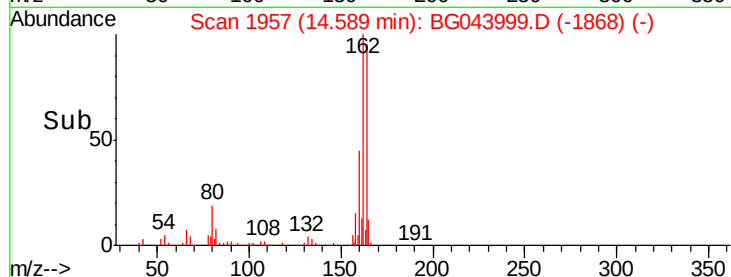
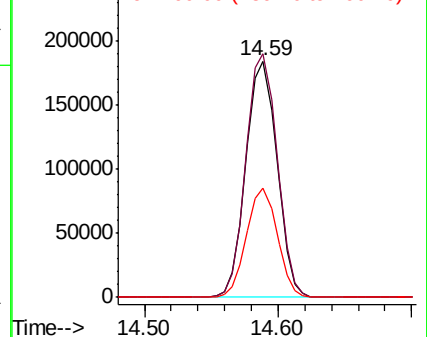


Abundance

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: 37.556 ng

RT: 12.79 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BG043999.D

Acq: 10 Jan 2020 13:00

Tgt Ion:216 Resp: 327100

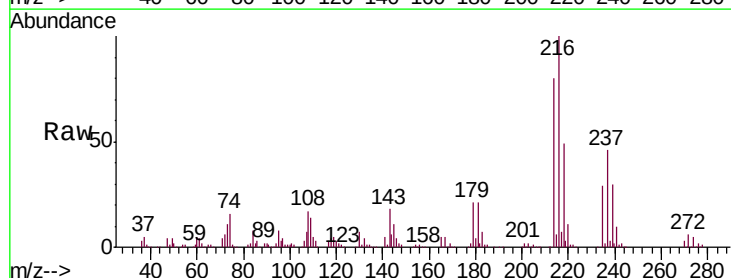
Ion Ratio Lower Upper

216 100

214 79.9 63.8 95.8

179 21.5 17.3 25.9

108 19.9 15.3 22.9



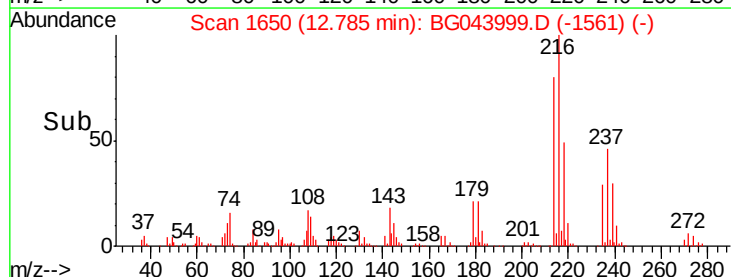
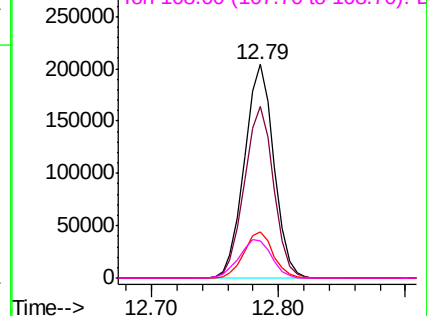
Abundance

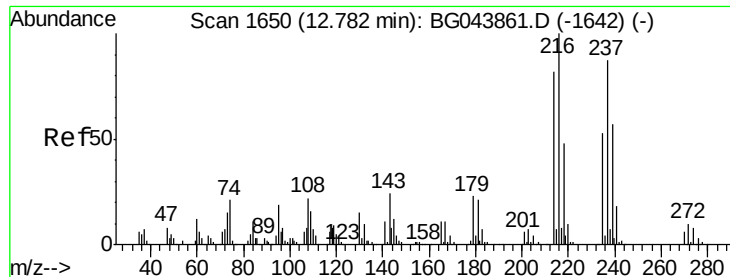
Ion 216.00 (215.70 to 216.70): E

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: 77.524 ng

RT: 12.77 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BG043999.D

Acq: 10 Jan 2020 13:00

Instrument :

BNA_G

ClientSampleId :

PB126006BS

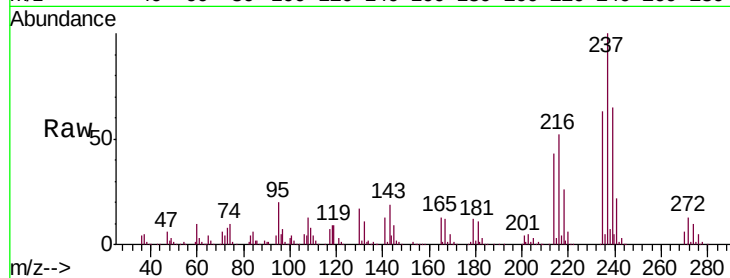
Tgt Ion:237 Resp: 350051

Ion Ratio Lower Upper

237 100

235 63.0 41.1 81.1

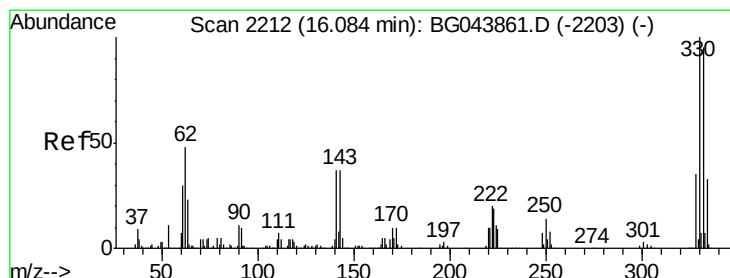
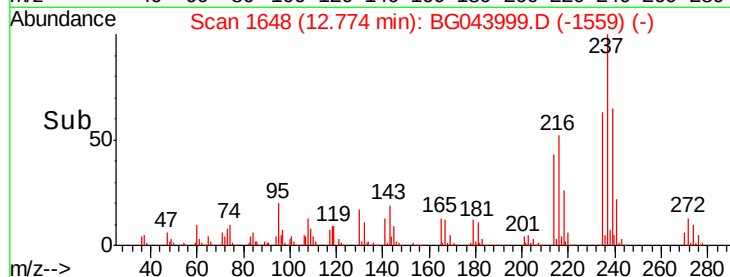
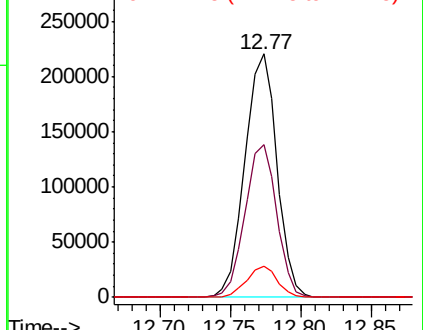
272 12.6 0.0 31.7



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: 119.185 ng

RT: 16.08 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BG043999.D

Acq: 10 Jan 2020 13:00

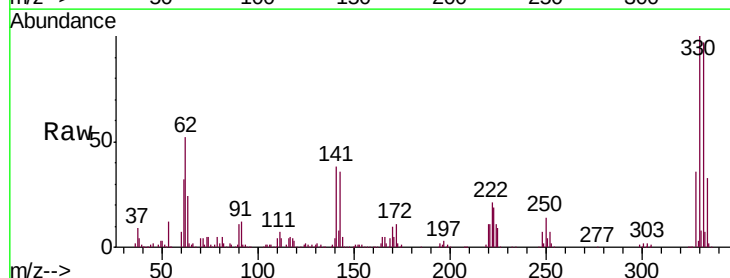
Tgt Ion:330 Resp: 370622

Ion Ratio Lower Upper

330 100

332 95.6 77.2 115.8

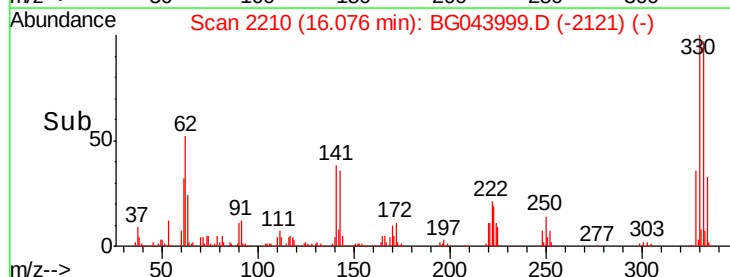
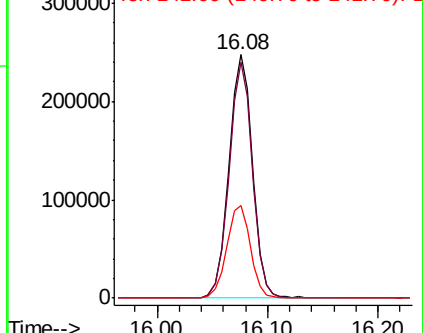
141 38.6 33.1 49.7

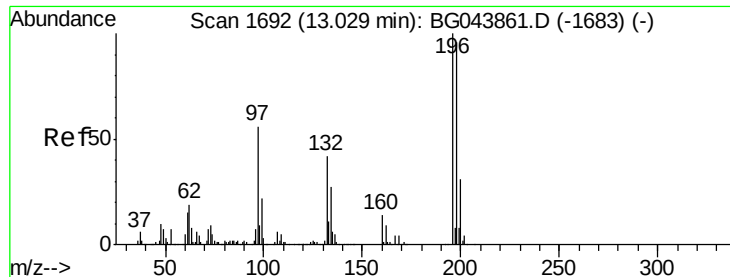


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 39.941 ng

RT: 13.02 min Scan# 1690

Delta R.T. -0.01 min

Lab File: BG043999.D

Acq: 10 Jan 2020 13:00

Instrument :

BNA_G

ClientSampleId :

PB126006BS

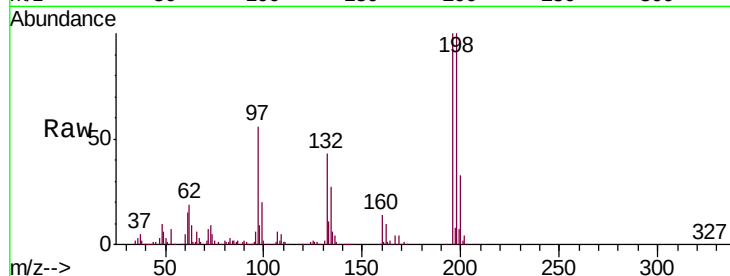
Tgt Ion:196 Resp: 239363

Ion Ratio Lower Upper

196 100

198 99.6 76.6 115.0

200 32.8 24.6 37.0

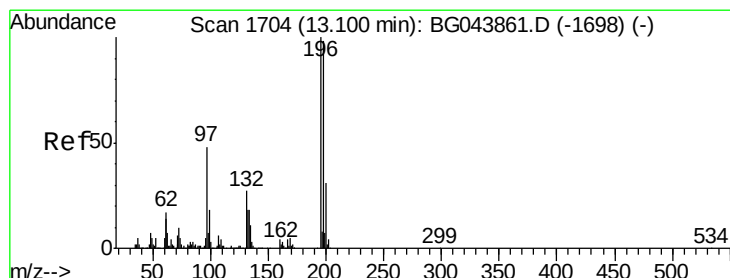
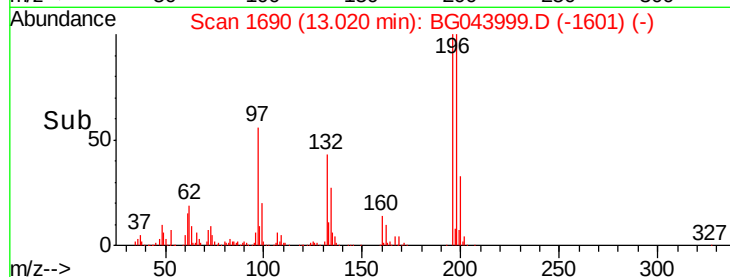
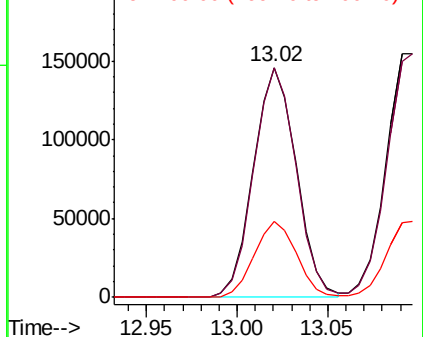


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 42.199 ng

RT: 13.10 min Scan# 1703

Delta R.T. -0.00 min

Lab File: BG043999.D

Acq: 10 Jan 2020 13:00

Tgt Ion:196 Resp: 260827

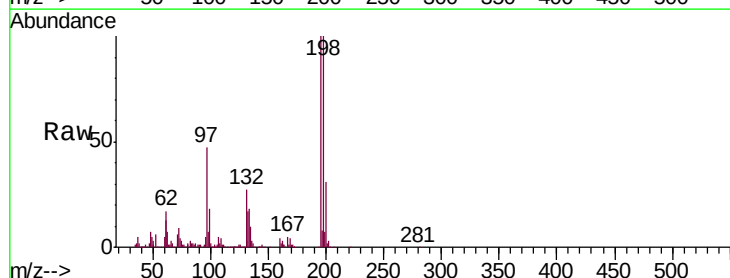
Ion Ratio Lower Upper

196 100

198 99.9 78.3 117.5

97 46.9 38.8 58.2

132 27.3 21.3 31.9



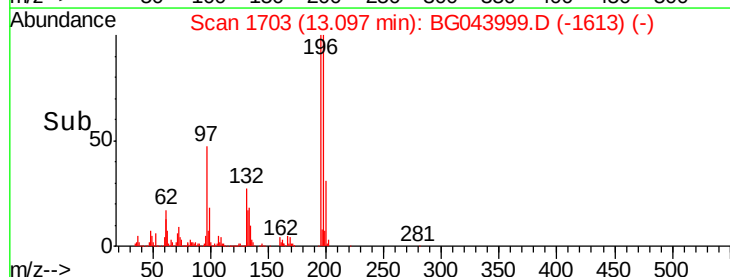
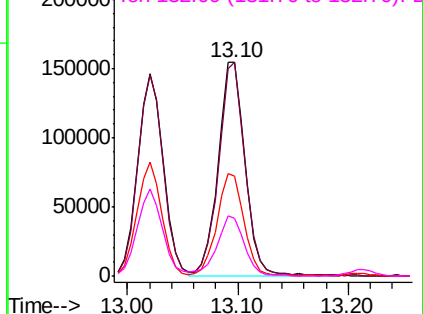
Abundance

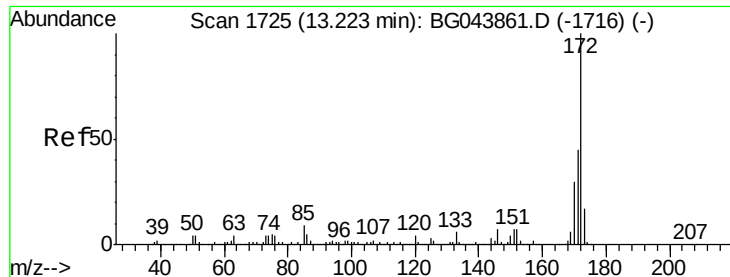
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

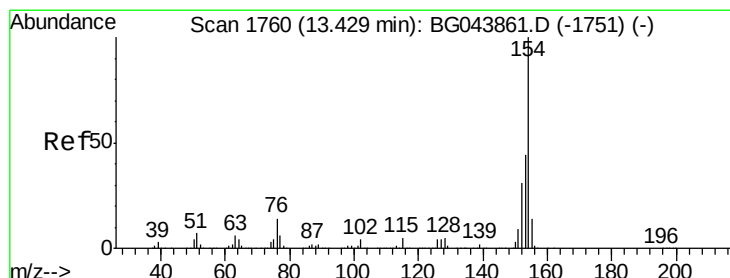
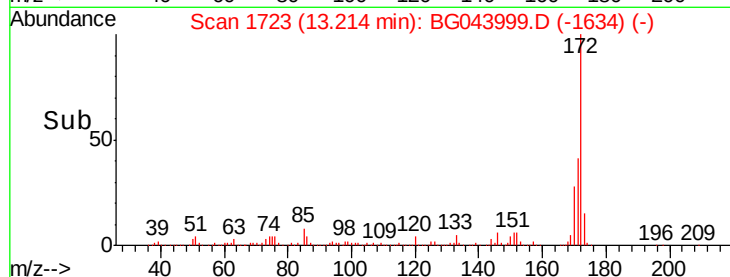
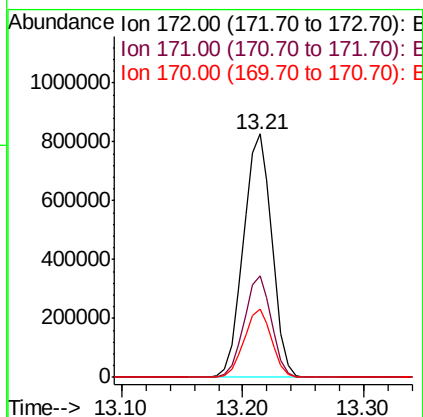
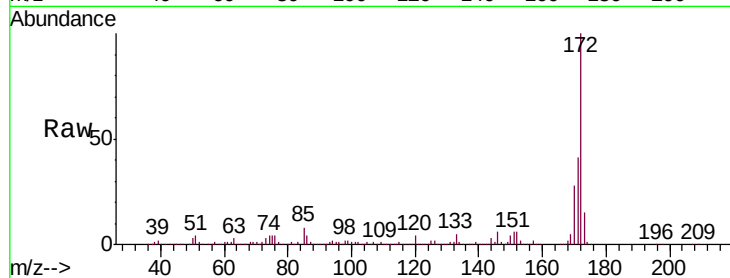




#45
 2-Fluorobiphenyl
 Concen: 82.622 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG043999.D
 Acq: 10 Jan 2020 13:00

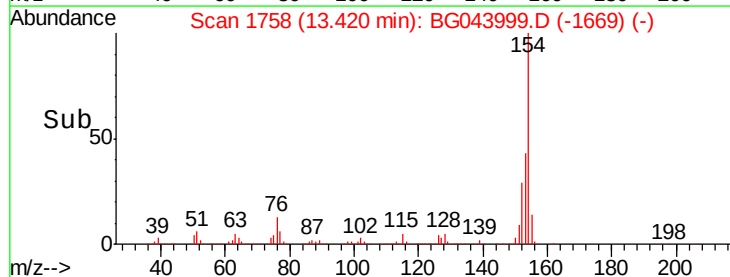
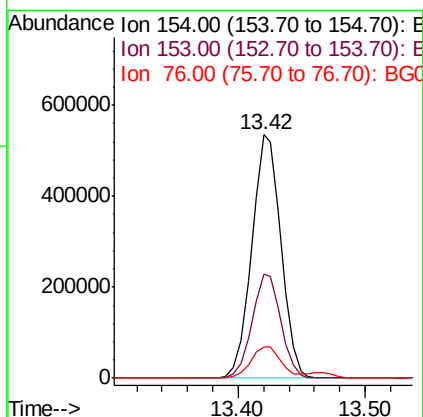
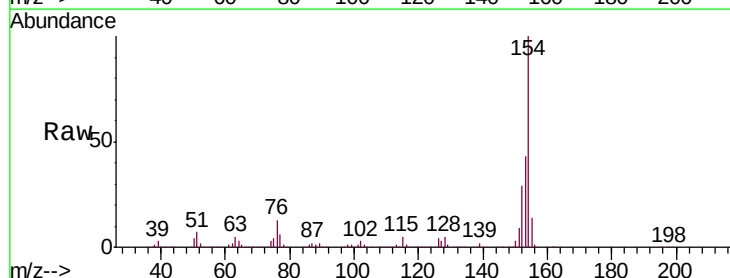
Instrument :
 BNA_G
 ClientSampled :
 PB126006BS

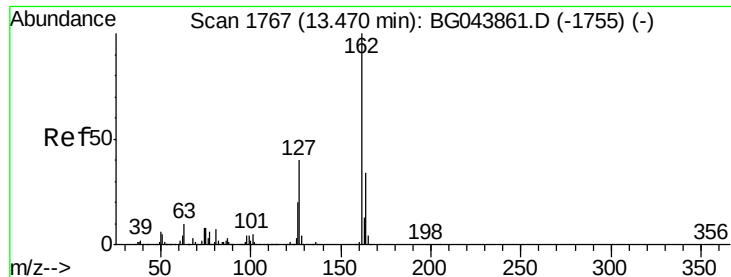
Tgt Ion:172 Resp: 1355098
 Ion Ratio Lower Upper
 172 100
 171 41.5 35.8 53.8
 170 28.0 24.2 36.4



#46
 1,1'-Biphenyl
 Concen: 40.182 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BG043999.D
 Acq: 10 Jan 2020 13:00

Tgt Ion:154 Resp: 856096
 Ion Ratio Lower Upper
 154 100
 153 42.8 23.6 63.6
 76 12.7 0.0 34.4

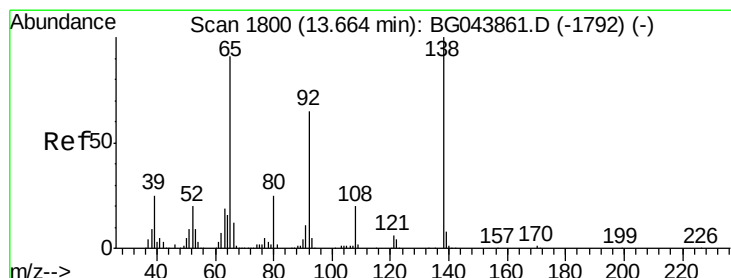
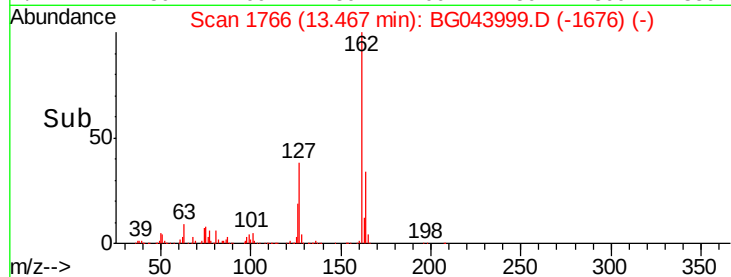
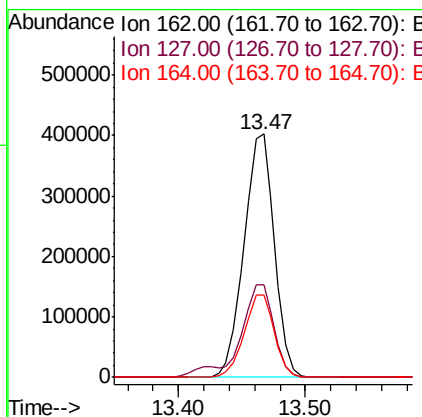
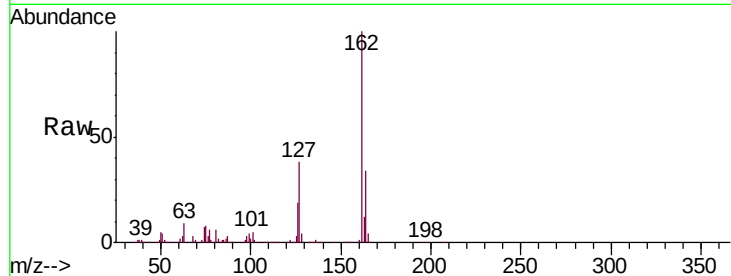




#47
 2-Chloronaphthalene
 Concen: 38.900 ng
 RT: 13.47 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: BG043999.D
 Acq: 10 Jan 2020 13:00

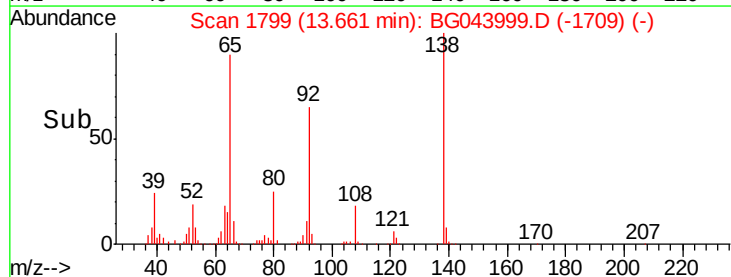
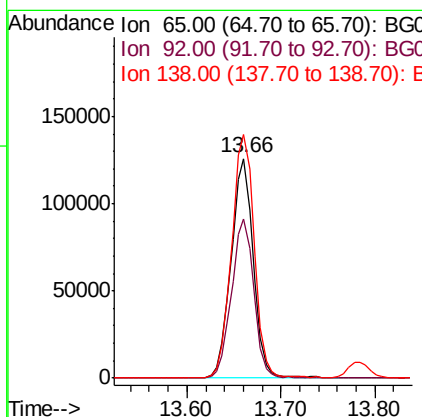
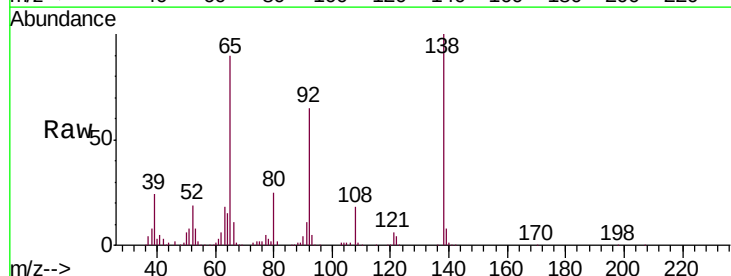
Instrument :
 BNA_G
 ClientSampleId :
 PB126006BS

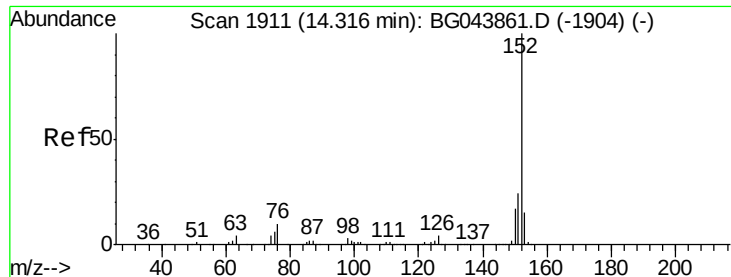
Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.0	32.1	48.1
164	33.8	27.5	41.3



#48
 2-Nitroaniline
 Concen: 37.208 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.00 min
 Lab File: BG043999.D
 Acq: 10 Jan 2020 13:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.6	57.4	86.2
138	111.0	88.2	132.4





#49

Acenaphthylene

Concen: 42.636 ng

RT: 14.31 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BG043999.D

Acq: 10 Jan 2020 13:00

Instrument :

BNA_G

ClientSampleId :

PB126006BS

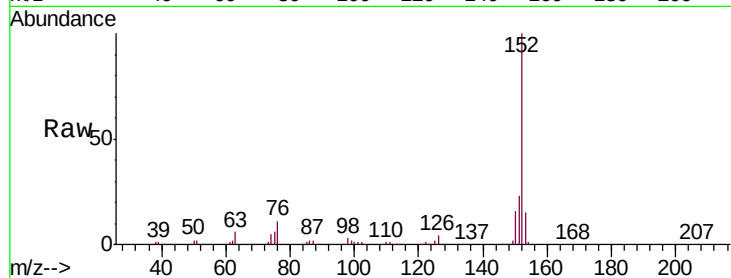
Tgt Ion:152 Resp: 1055005

Ion Ratio Lower Upper

152 100

151 22.5 19.4 29.2

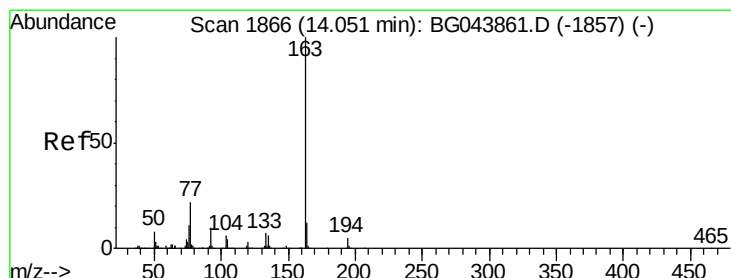
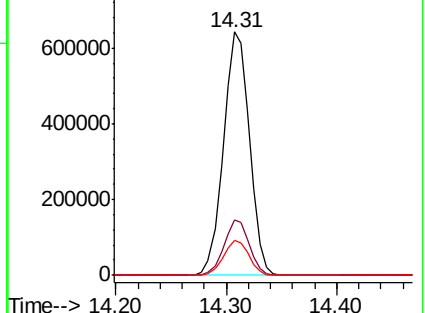
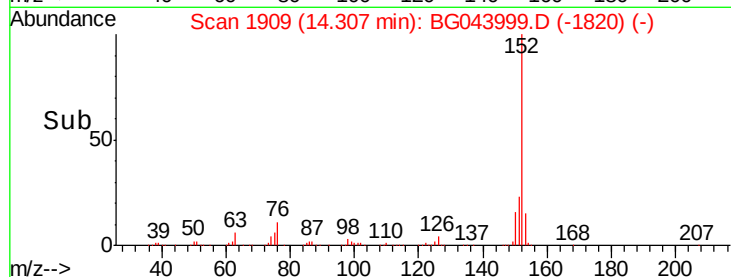
153 14.6 12.0 18.0



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: 39.765 ng

RT: 14.04 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BG043999.D

Acq: 10 Jan 2020 13:00

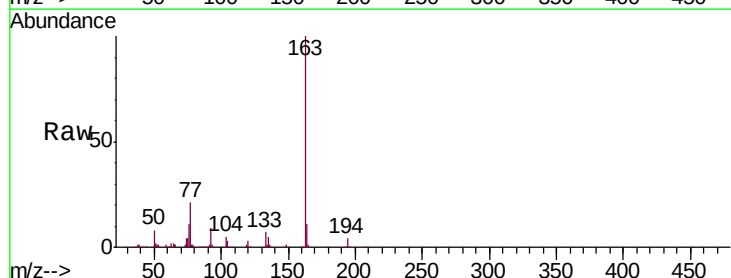
Tgt Ion:163 Resp: 839012

Ion Ratio Lower Upper

163 100

194 4.2 3.7 5.5

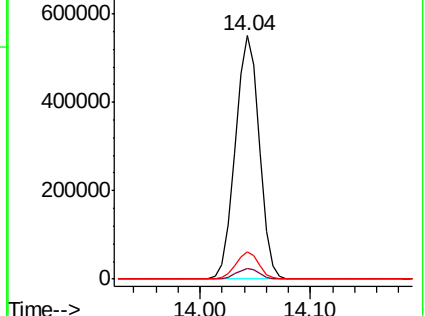
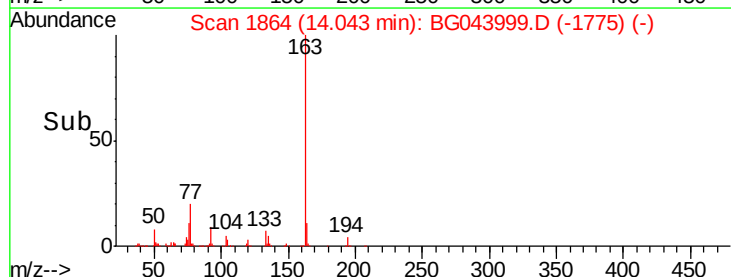
164 11.3 9.3 13.9

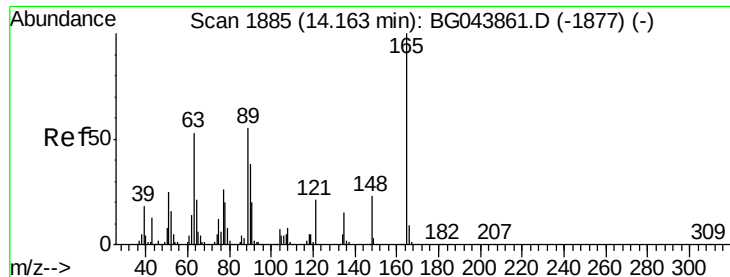


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

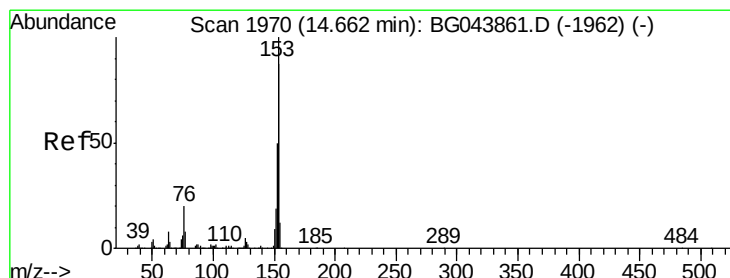
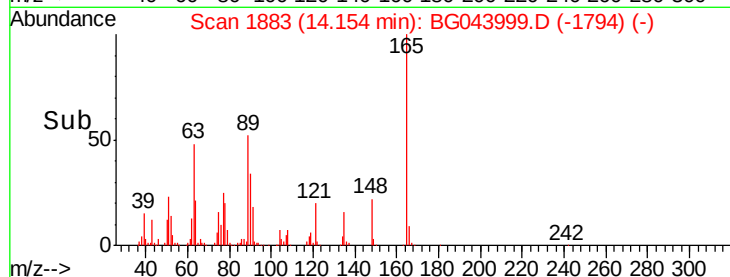
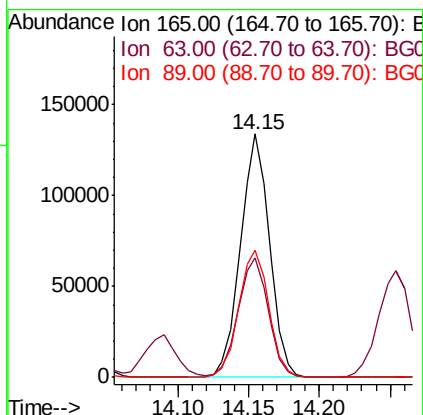
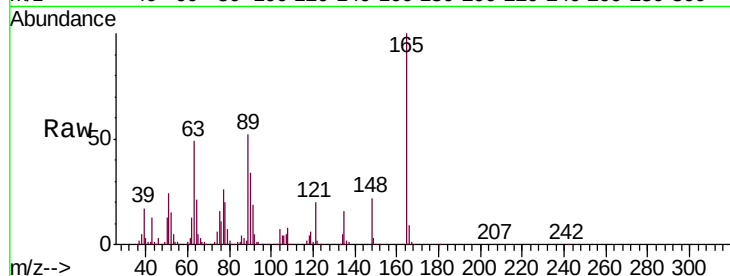




#51
2,6-Dinitrotoluene
Concen: 40.407 ng
RT: 14.15 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BG043999.D
Acq: 10 Jan 2020 13:00

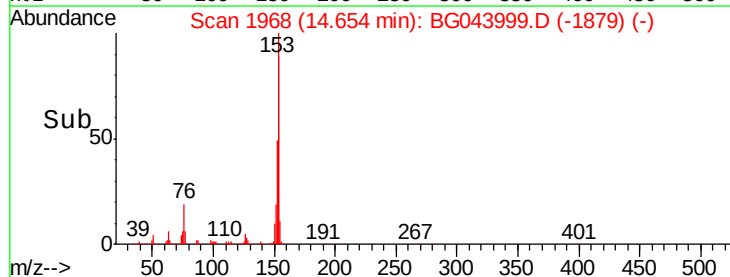
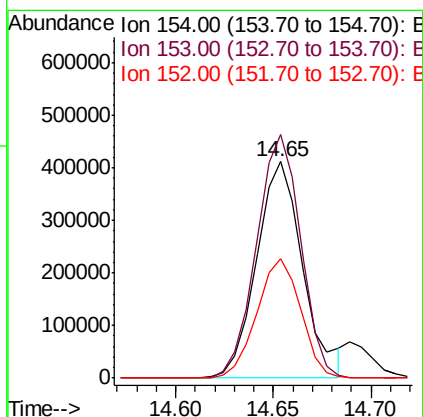
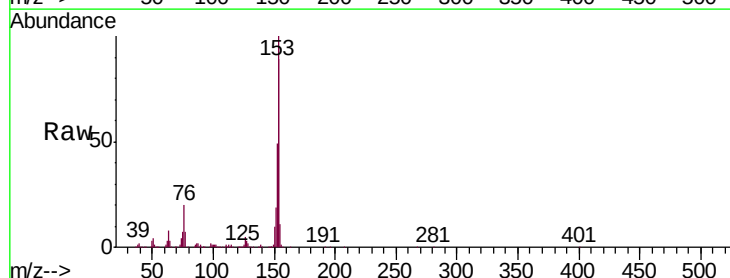
Instrument :
BNA_G
ClientSampleId :
PB126006BS

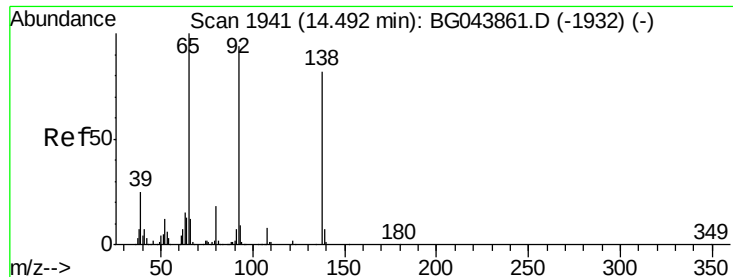
Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.9	43.1	64.7
89	52.5	43.8	65.6



#52
Acenaphthene
Concen: 38.775 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG043999.D
Acq: 10 Jan 2020 13:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.5	91.6	137.4
152	55.1	45.4	68.0

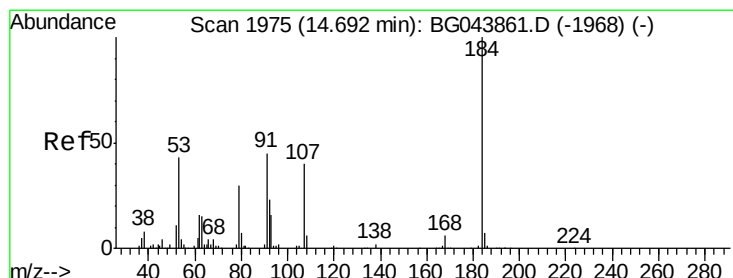
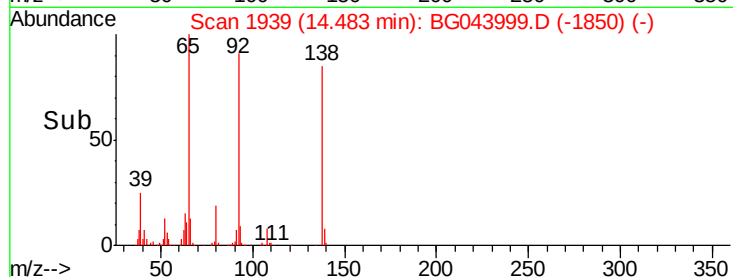
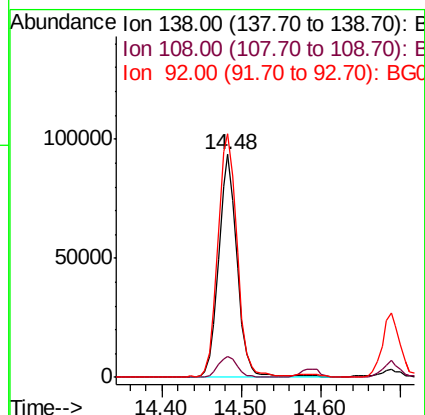
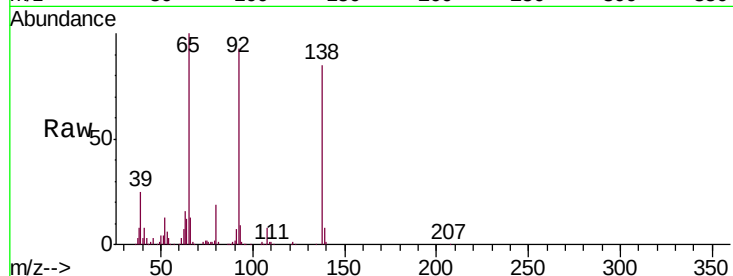




#53
3-Nitroaniline
Concen: 27.786 ng
RT: 14.48 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG043999.D
Acq: 10 Jan 2020 13:00

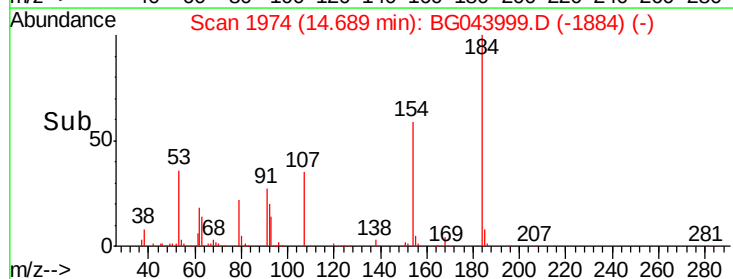
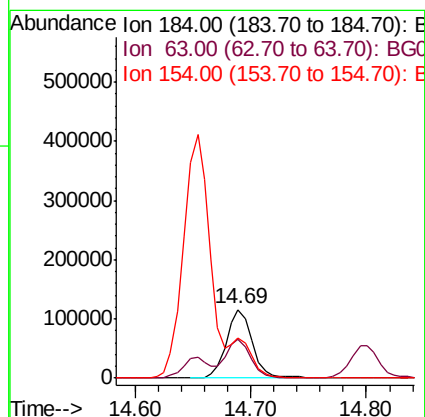
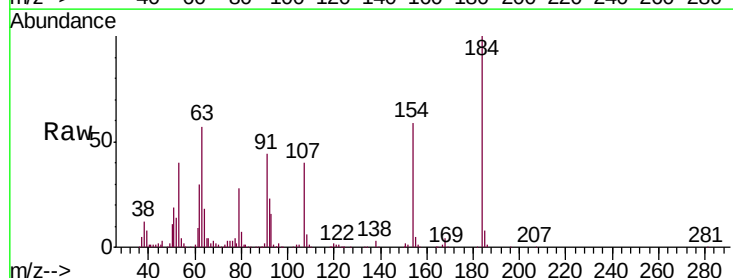
Instrument :
BNA_G
ClientSampleId :
PB126006BS

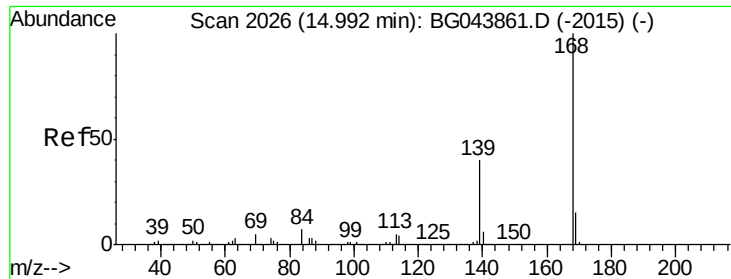
Tgt Ion:138 Resp: 150473
Ion Ratio Lower Upper
138 100
108 9.3 7.4 11.2
92 109.2 92.1 138.1



#54
2,4-Dinitrophenol
Concen: 75.427 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG043999.D
Acq: 10 Jan 2020 13:00

Tgt Ion:184 Resp: 182432
Ion Ratio Lower Upper
184 100
63 56.8 46.6 70.0
154 58.9 50.2 75.4





#55

Dibenzenofuran

Concen: 41.670 ng

RT: 14.99 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BG043999.D

Acq: 10 Jan 2020 13:00

Instrument :

BNA_G

ClientSampleId :

PB126006BS

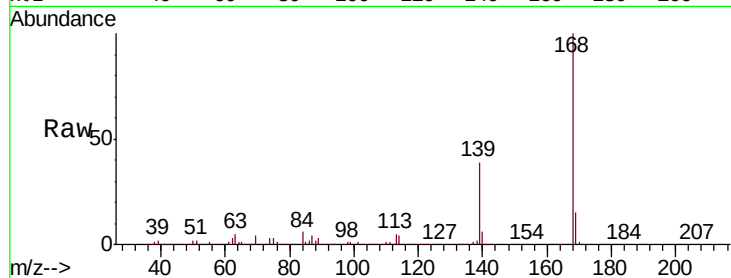
Tgt Ion:168 Resp: 995443

Ion Ratio Lower Upper

168 100

139 38.7 32.2 48.2

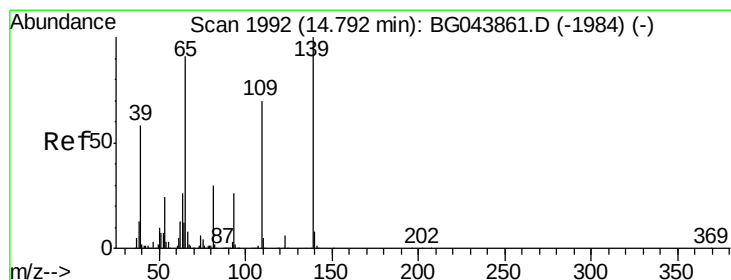
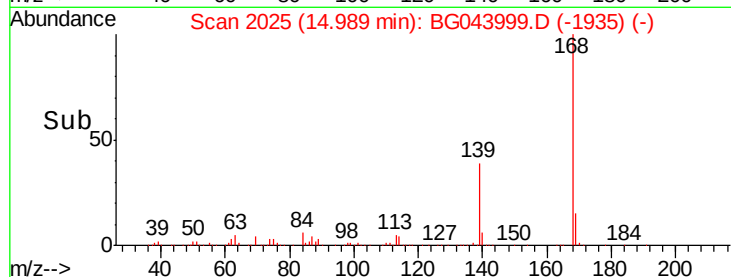
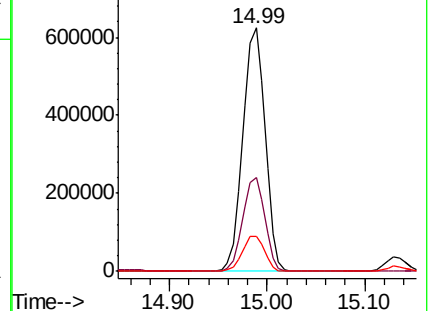
169 14.5 12.2 18.2



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: 86.685 ng

RT: 14.80 min Scan# 1993

Delta R.T. 0.01 min

Lab File: BG043999.D

Acq: 10 Jan 2020 13:00

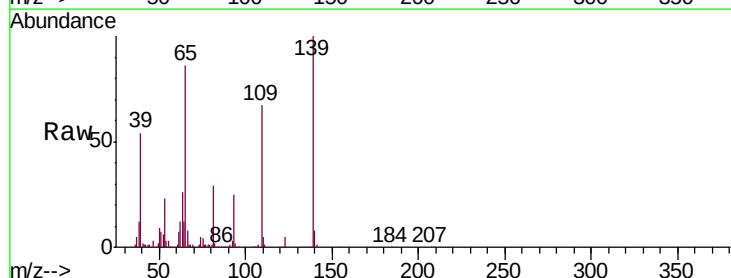
Tgt Ion:139 Resp: 359735

Ion Ratio Lower Upper

139 100

109 66.5 50.4 90.4

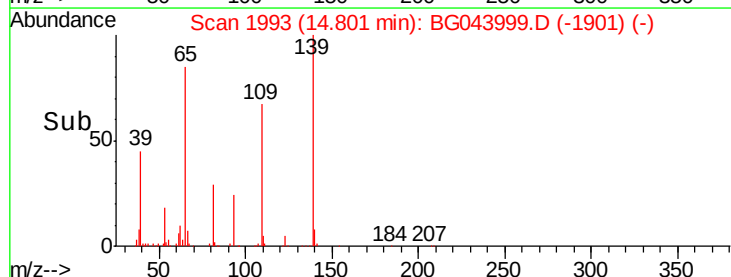
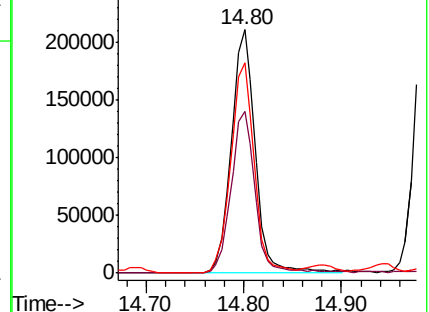
65 86.3 71.4 111.4

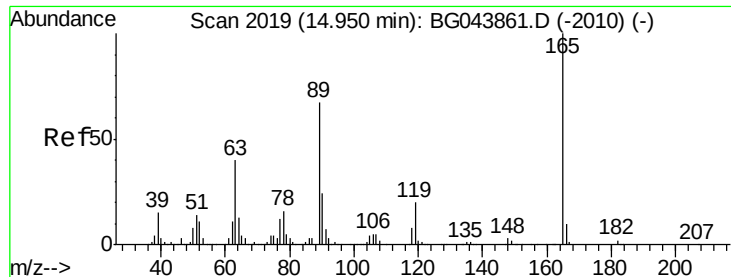


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

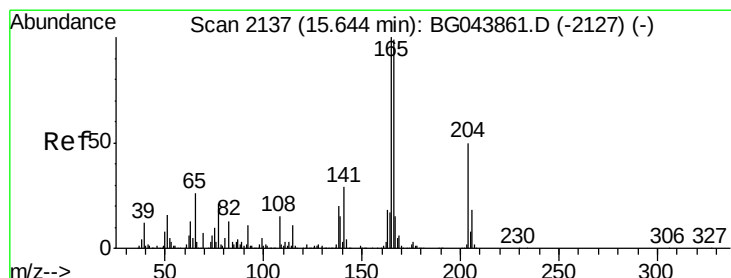
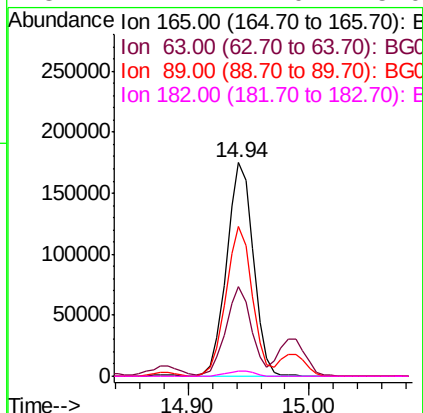
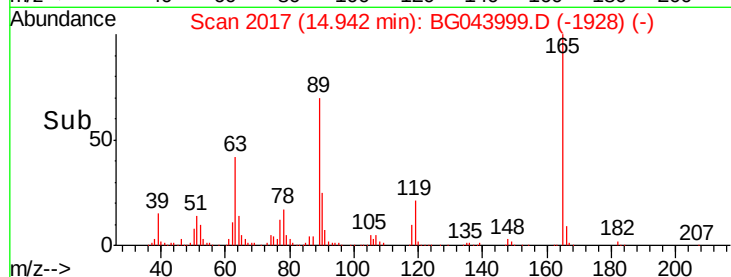
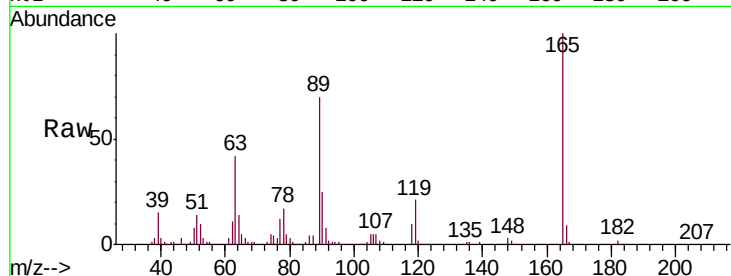




#57
2,4-Dinitrotoluene
Concen: 41.374 ng
RT: 14.94 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BG043999.D
Acq: 10 Jan 2020 13:00

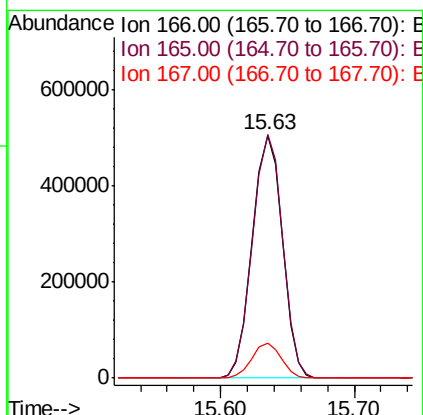
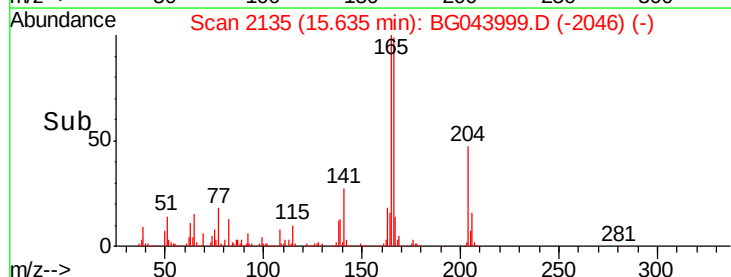
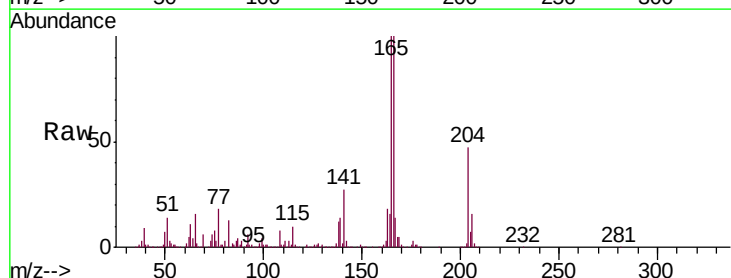
Instrument :
BNA_G
ClientSampleId :
PB126006BS

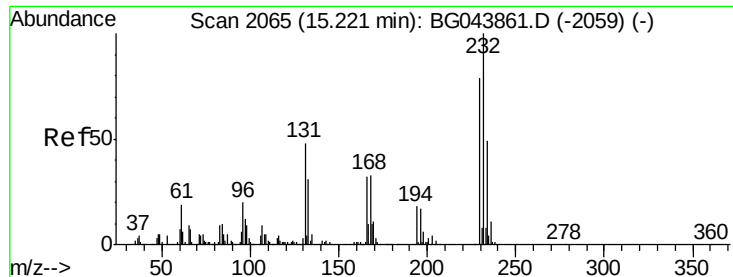
Tgt Ion:165 Resp: 268473
Ion Ratio Lower Upper
165 100
63 42.1 31.9 47.9
89 70.0 53.8 80.6
182 2.4 2.0 3.0



#58
Fluorene
Concen: 41.589 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BG043999.D
Acq: 10 Jan 2020 13:00

Tgt Ion:166 Resp: 787459
Ion Ratio Lower Upper
166 100
165 100.3 80.8 121.2
167 14.5 12.1 18.1

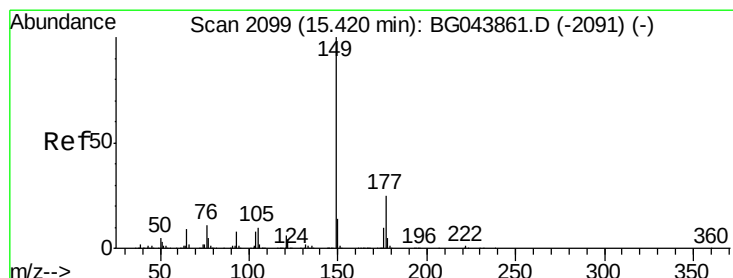
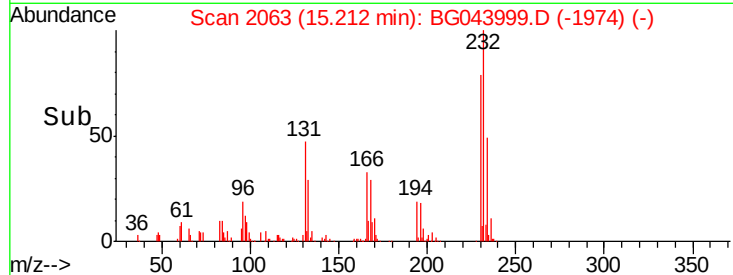
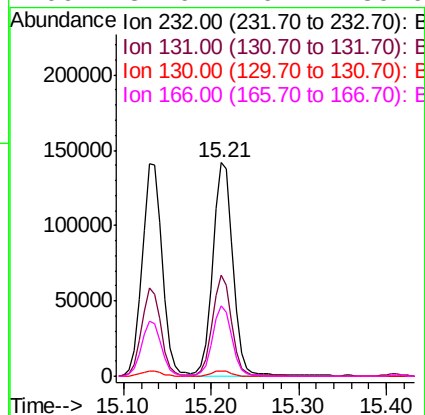
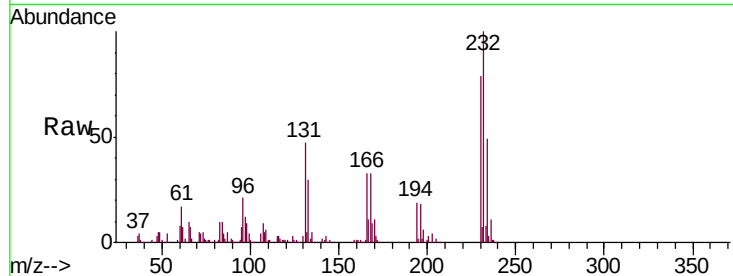




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.552 ng
 RT: 15.21 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: BG043999.D
 Acq: 10 Jan 2020 13:00

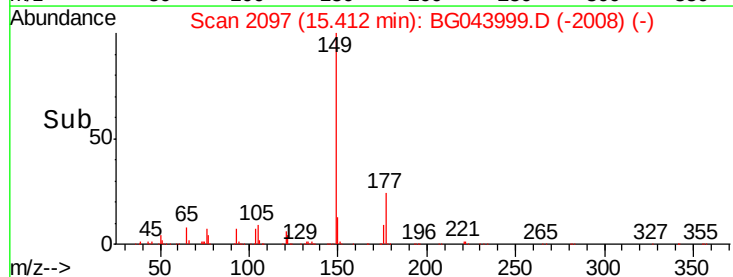
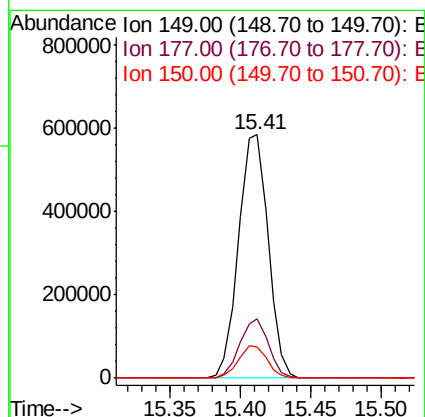
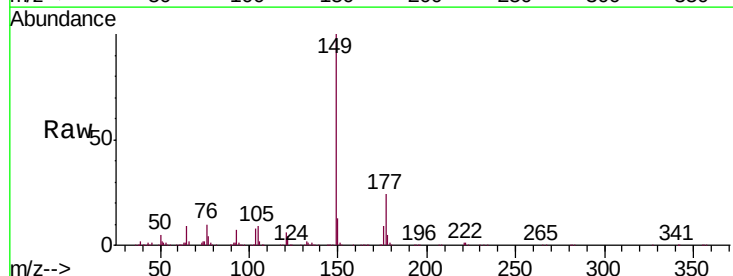
Instrument :
 BNA_G
 ClientSampleId :
 PB126006BS

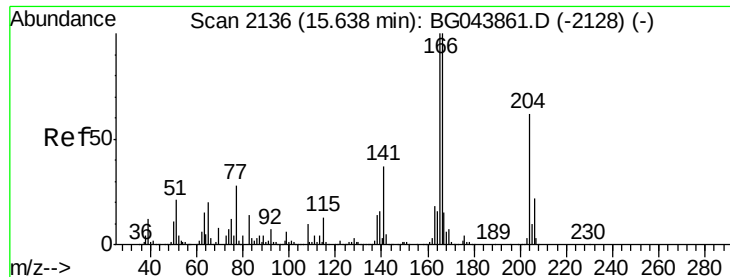
Tgt Ion:	232	Resp:	226162
Ion	Ratio	Lower	Upper
232	100		
131	45.2	38.2	57.2
130	2.5	2.2	3.2
166	31.6	26.4	39.6



#60
 Diethylphthalate
 Concen: 40.602 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG043999.D
 Acq: 10 Jan 2020 13:00

Tgt Ion:	149	Resp:	856834
Ion	Ratio	Lower	Upper
149	100		
177	24.3	20.0	30.0
150	12.9	11.1	16.7

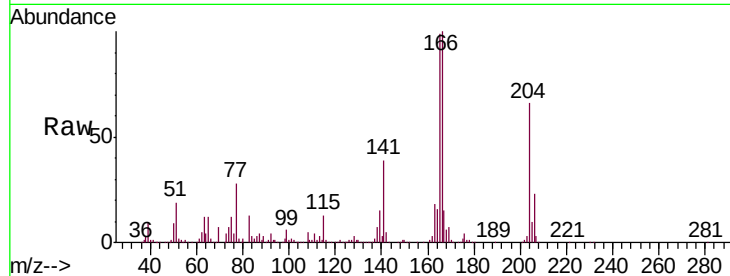




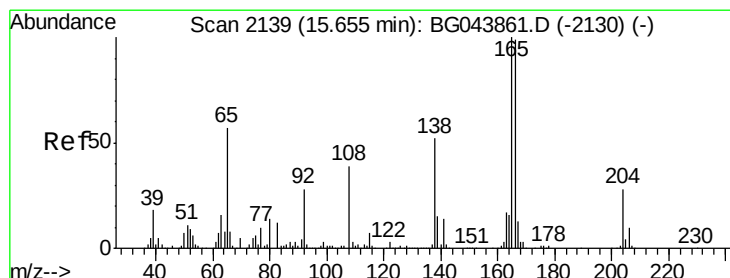
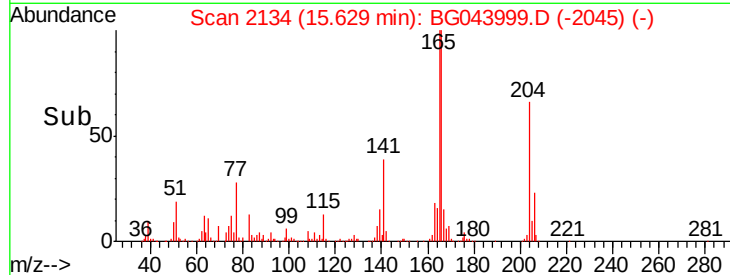
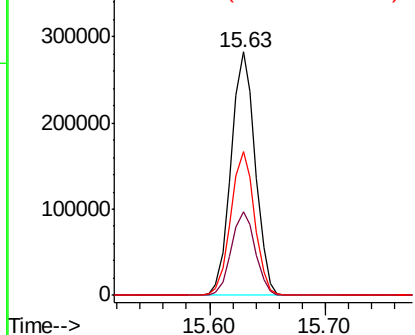
#61
 4-Chlorophenyl-phenylether
 Concen: 39.625 ng
 RT: 15.63 min Scan# 2134
 Delta R.T. -0.01 min
 Lab File: BG043999.D
 Acq: 10 Jan 2020 13:00

Instrument :
 BNA_G
 ClientSampleId :
 PB126006BS

Tgt Ion:204 Resp: 407391
 Ion Ratio Lower Upper
 204 100
 206 34.5 28.2 42.2
 141 59.0 48.2 72.2

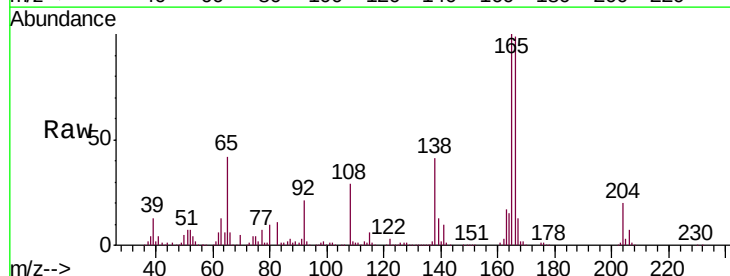


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

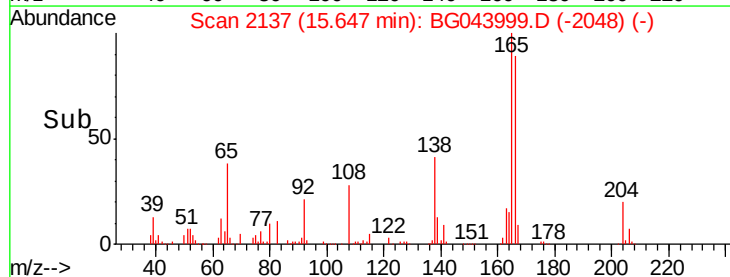
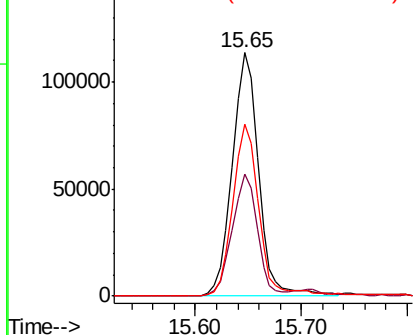


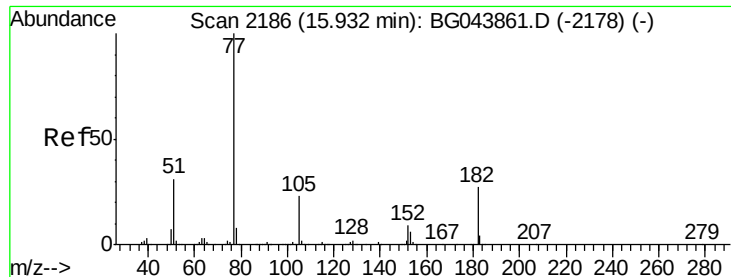
#62
 4-Nitroaniline
 Concen: 36.586 ng
 RT: 15.65 min Scan# 2137
 Delta R.T. -0.01 min
 Lab File: BG043999.D
 Acq: 10 Jan 2020 13:00

Tgt Ion:138 Resp: 195657
 Ion Ratio Lower Upper
 138 100
 92 50.3 34.3 74.3
 108 70.8 55.0 95.0



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BG
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 40.492 ng

RT: 15.92 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BG043999.D

Acq: 10 Jan 2020 13:00

Instrument :

BNA_G

ClientSampleId :

PB126006BS

Tgt Ion: 77 Resp: 792469

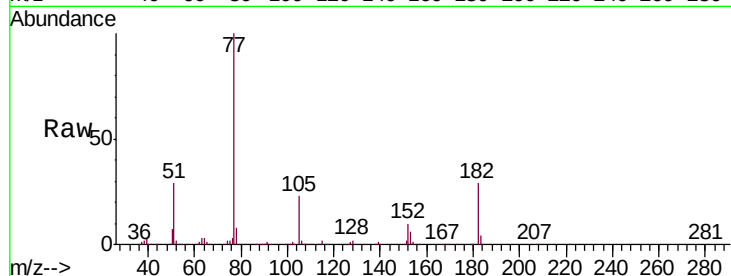
Ion Ratio Lower Upper

77 100

182 28.7 7.3 47.3

105 23.2 3.2 43.2

51 28.7 10.6 50.6

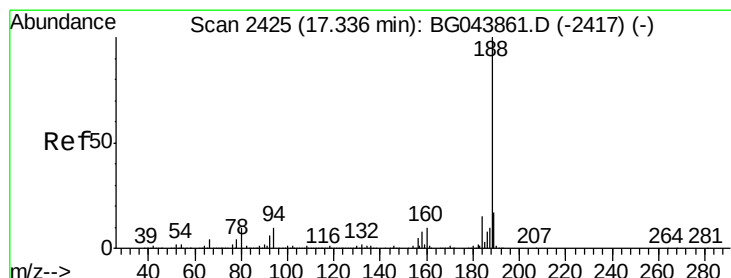
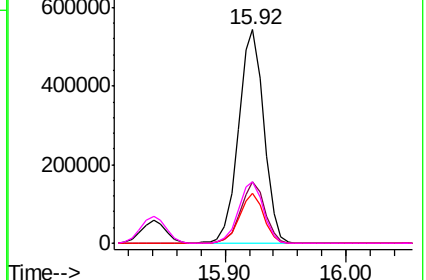
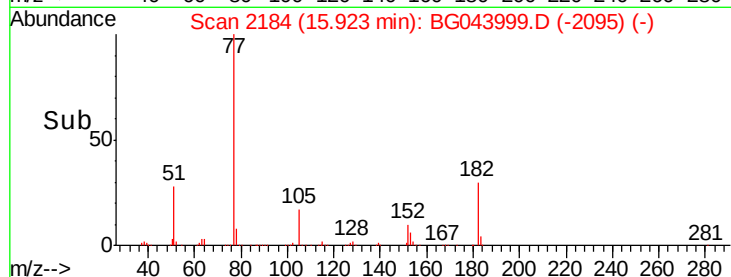


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.33 min Scan# 2424

Delta R.T. -0.00 min

Lab File: BG043999.D

Acq: 10 Jan 2020 13:00

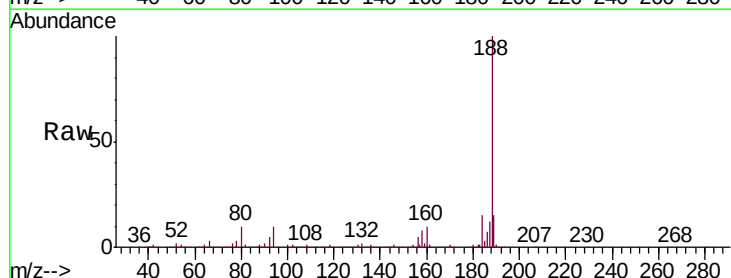
Tgt Ion: 188 Resp: 628147

Ion Ratio Lower Upper

188 100

94 9.5 7.9 11.9

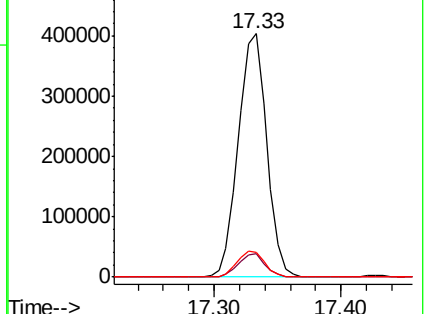
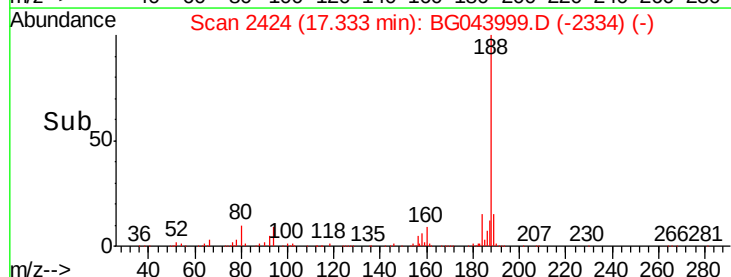
80 10.3 8.2 12.4

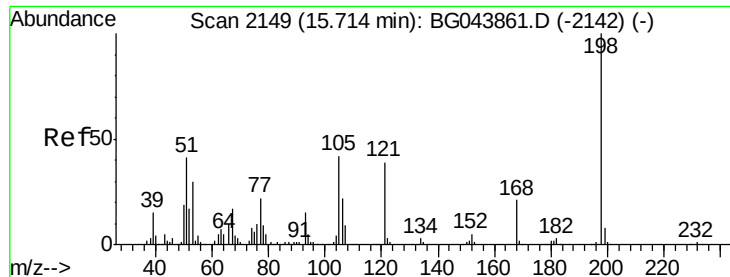


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 44.886 ng

RT: 15.71 min Scan# 2147

Delta R.T. -0.01 min

Lab File: BG043999.D

Acq: 10 Jan 2020 13:00

Instrument :

BNA_G

ClientSampleId :

PB126006BS

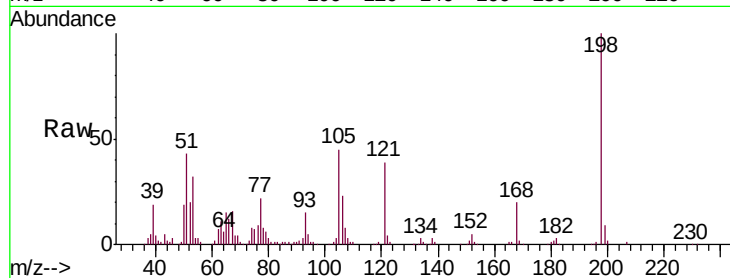
Tgt Ion:198 Resp: 144253

Ion Ratio Lower Upper

198 100

51 43.1 22.5 62.5

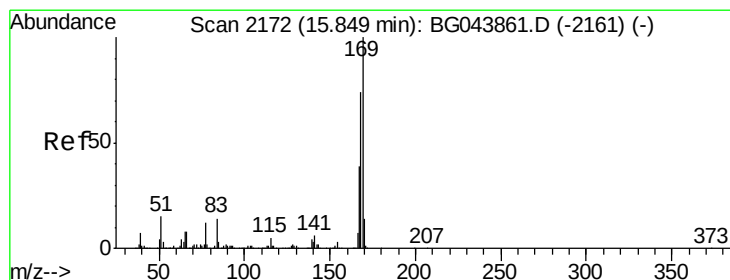
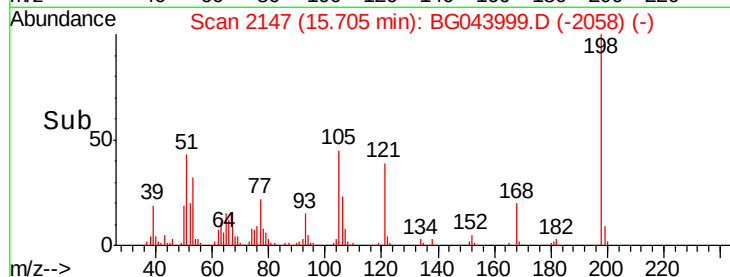
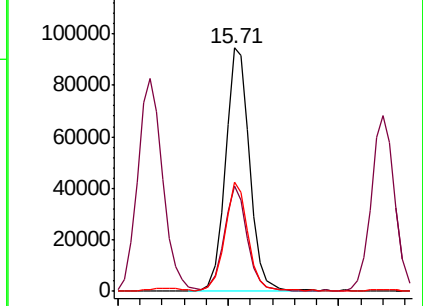
105 44.8 22.3 62.3



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: 39.883 ng

RT: 15.84 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BG043999.D

Acq: 10 Jan 2020 13:00

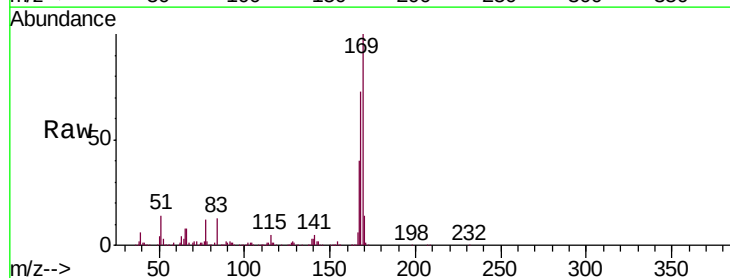
Tgt Ion:169 Resp: 737769

Ion Ratio Lower Upper

169 100

168 72.6 59.0 88.6

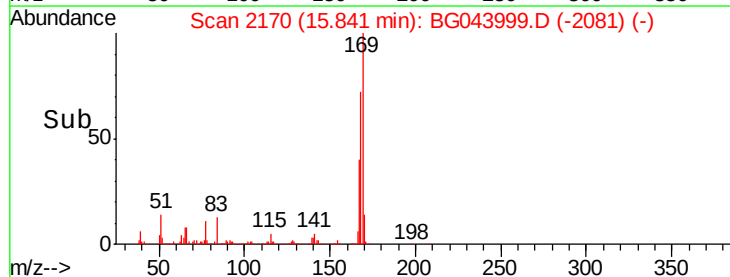
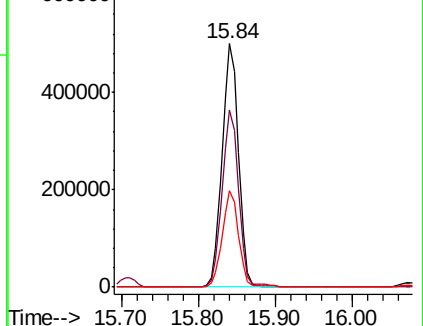
167 39.7 31.4 47.0

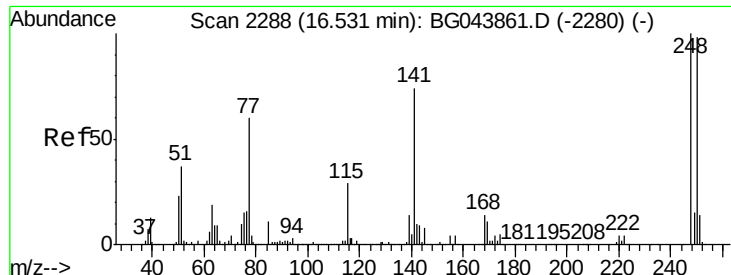


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

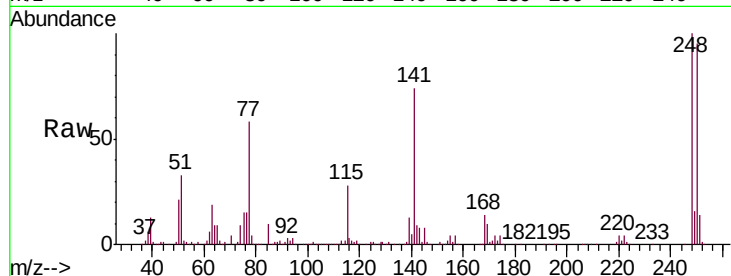




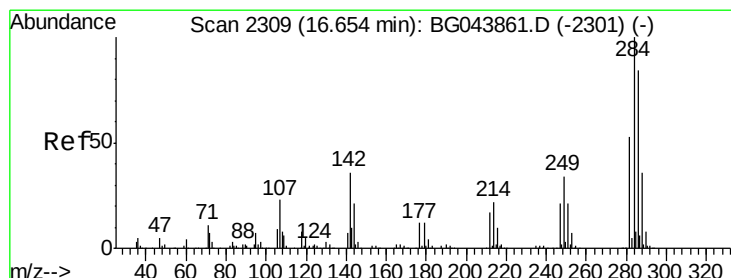
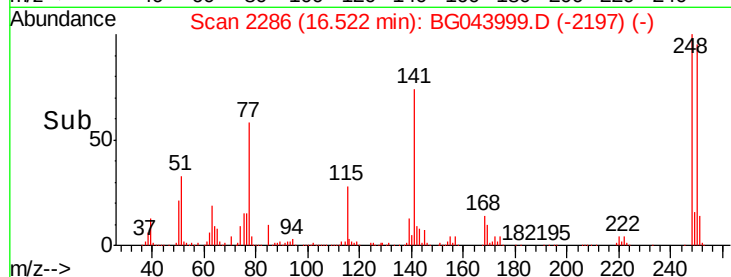
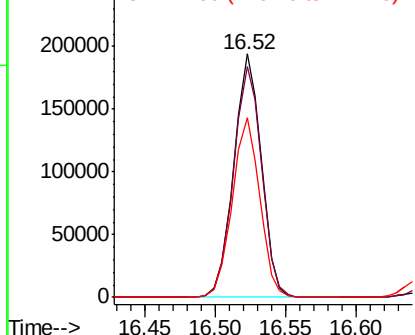
#67
4-Bromophenyl-phenylether
Concen: 37.277 ng
RT: 16.52 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BG043999.D
Acq: 10 Jan 2020 13:00

Instrument :
BNA_G
ClientSampleId :
PB126006BS

Tgt Ion:248 Resp: 263350
Ion Ratio Lower Upper
248 100
250 94.7 78.2 117.2
141 74.0 59.3 88.9

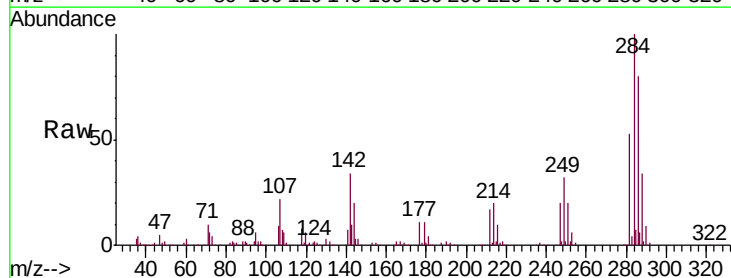


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

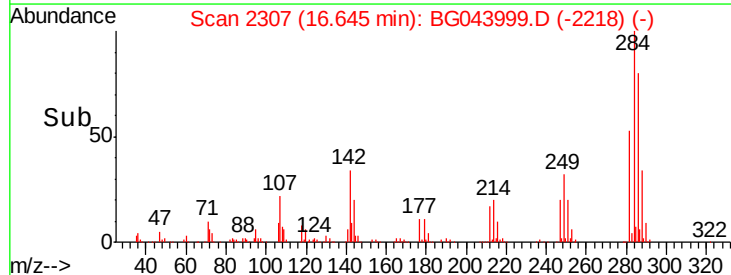
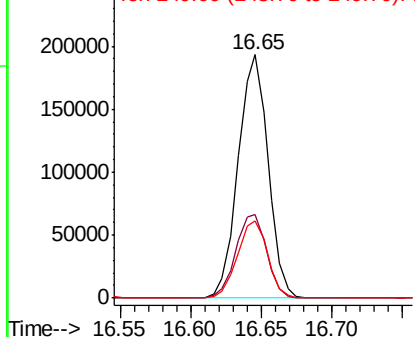


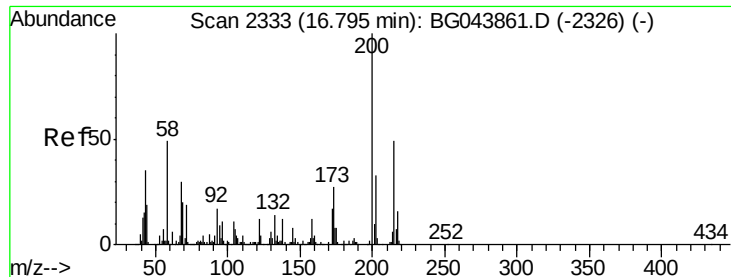
#68
Hexachlorobenzene
Concen: 37.538 ng
RT: 16.65 min Scan# 2307
Delta R.T. -0.01 min
Lab File: BG043999.D
Acq: 10 Jan 2020 13:00

Tgt Ion:284 Resp: 285754
Ion Ratio Lower Upper
284 100
142 34.3 28.6 43.0
249 31.9 27.0 40.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 45.558 ng

RT: 16.79 min Scan# 2332

Delta R.T. -0.00 min

Lab File: BG043999.D

Acq: 10 Jan 2020 13:00

Instrument :

BNA_G

ClientSampleId :

PB126006BS

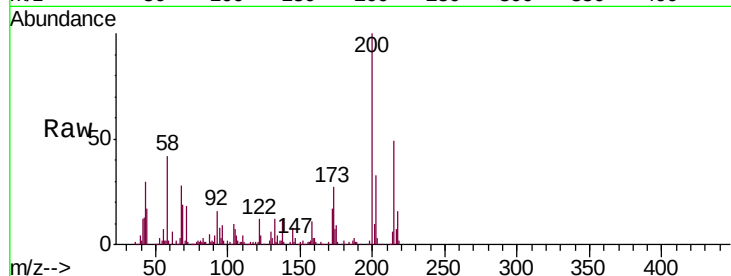
Tgt Ion:200 Resp: 273934

Ion Ratio Lower Upper

200 100

173 26.6 6.6 46.6

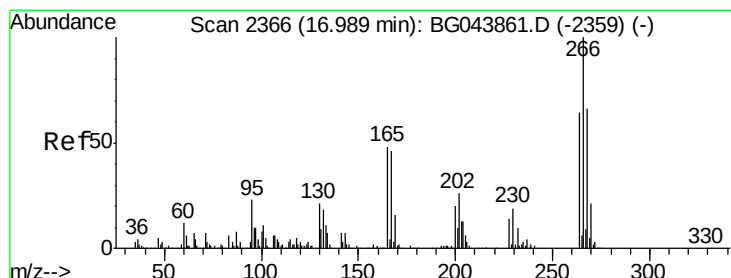
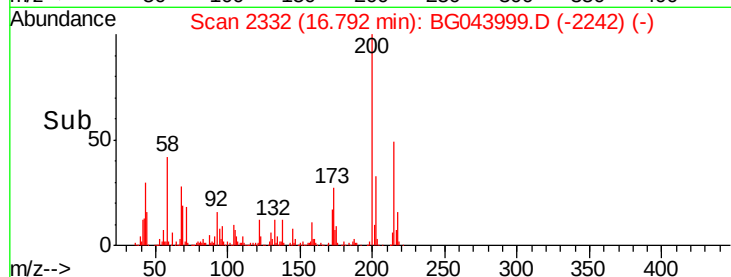
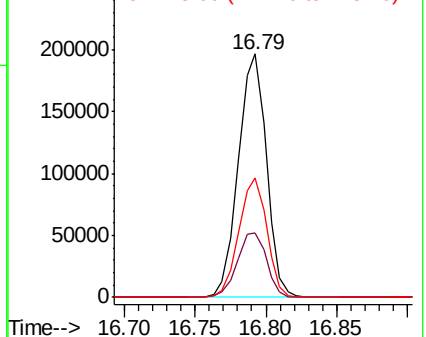
215 49.0 28.6 68.6



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: 81.042 ng

RT: 16.99 min Scan# 2365

Delta R.T. -0.00 min

Lab File: BG043999.D

Acq: 10 Jan 2020 13:00

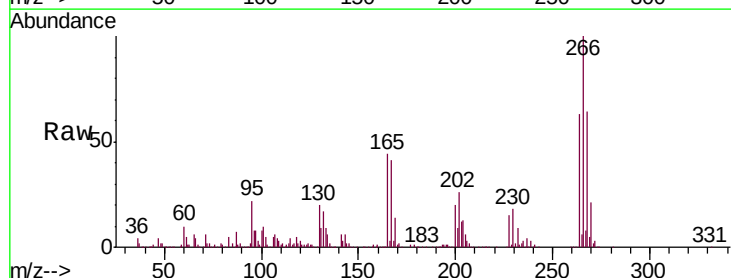
Tgt Ion:266 Resp: 340085

Ion Ratio Lower Upper

266 100

268 64.2 52.6 79.0

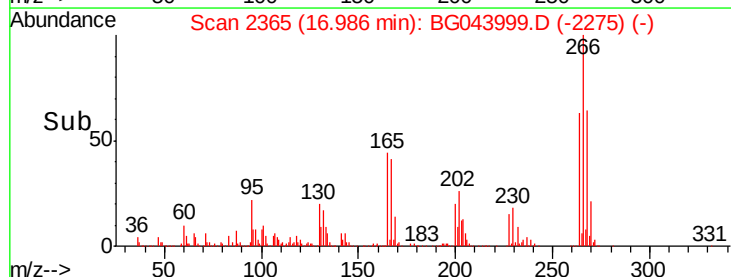
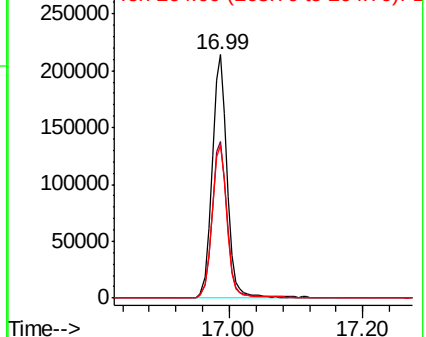
264 62.9 50.8 76.2

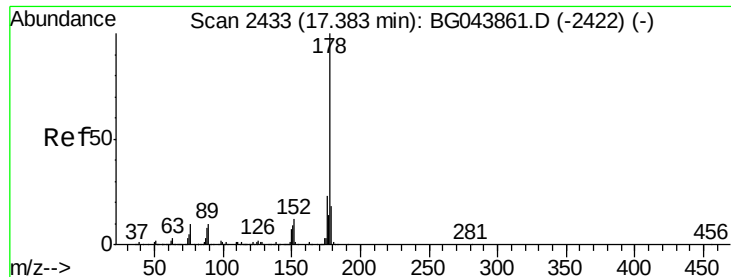


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.562 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.01 min

Lab File: BG043999.D

Acq: 10 Jan 2020 13:00

Instrument :

BNA_G

ClientSampleId :

PB126006BS

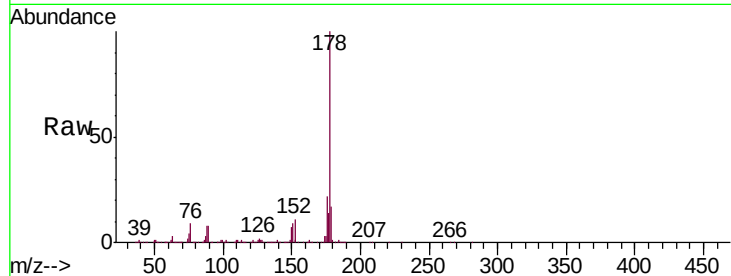
Tgt Ion:178 Resp: 1252214

Ion Ratio Lower Upper

178 100

176 22.5 18.6 28.0

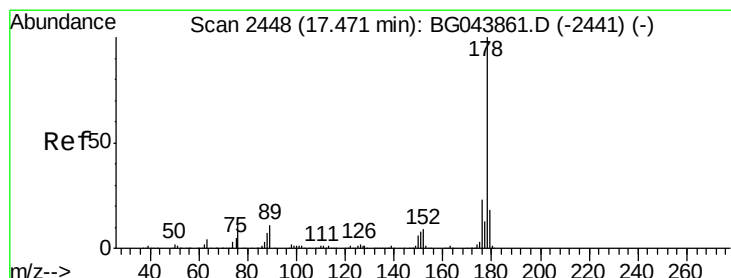
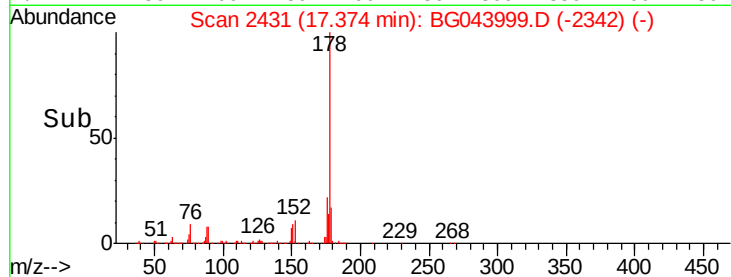
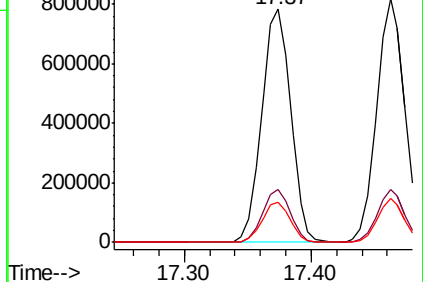
179 17.0 14.4 21.6



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: 42.574 ng

RT: 17.46 min Scan# 2446

Delta R.T. -0.01 min

Lab File: BG043999.D

Acq: 10 Jan 2020 13:00

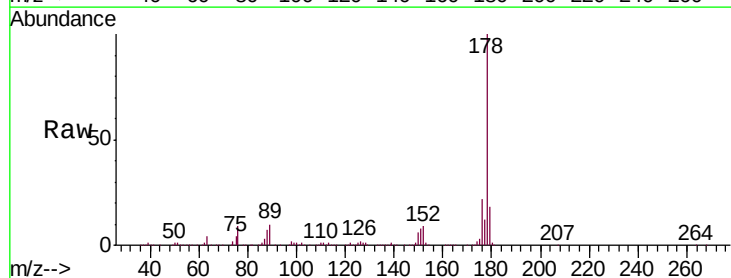
Tgt Ion:178 Resp: 1267682

Ion Ratio Lower Upper

178 100

176 21.7 18.3 27.5

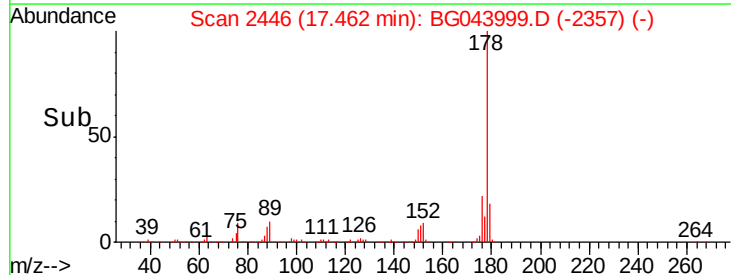
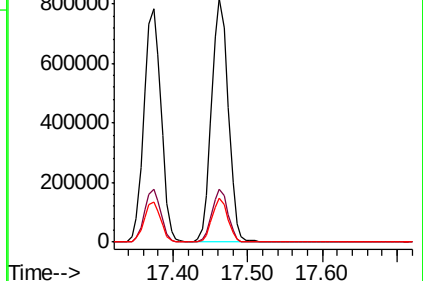
179 17.9 14.6 22.0

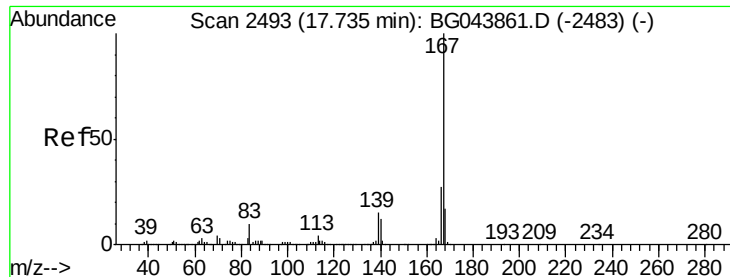


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 42.316 ng

RT: 17.73 min Scan# 2491

Delta R.T. -0.01 min

Lab File: BG043999.D

Acq: 10 Jan 2020 13:00

Instrument :

BNA_G

ClientSampleId :

PB126006BS

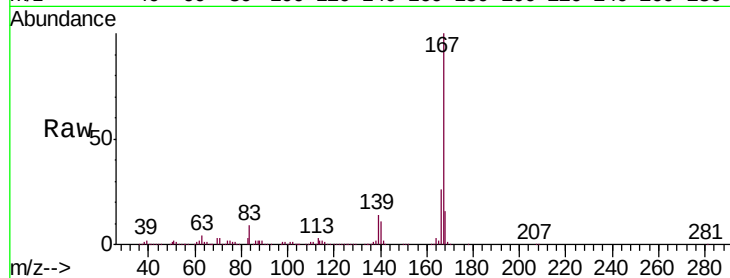
Tgt Ion:167 Resp: 1163902

Ion Ratio Lower Upper

167 100

166 25.8 21.6 32.4

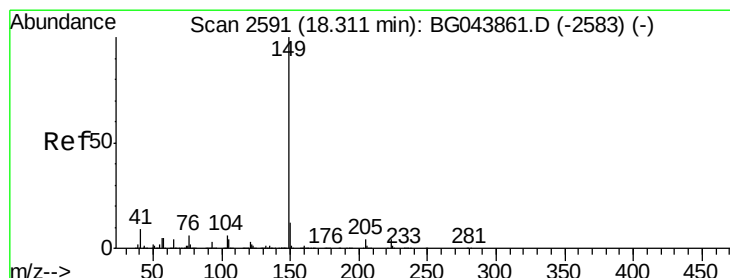
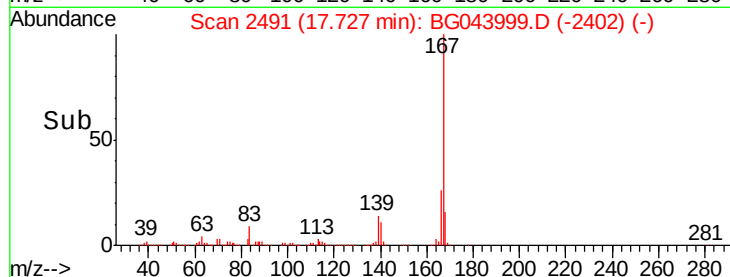
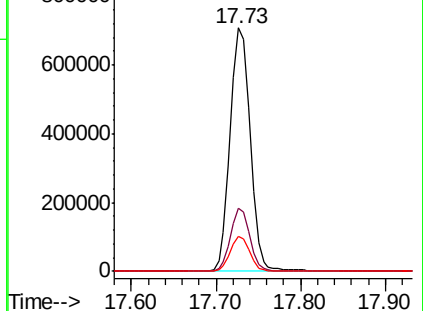
139 14.5 12.1 18.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.486 ng

RT: 18.30 min Scan# 2588

Delta R.T. -0.01 min

Lab File: BG043999.D

Acq: 10 Jan 2020 13:00

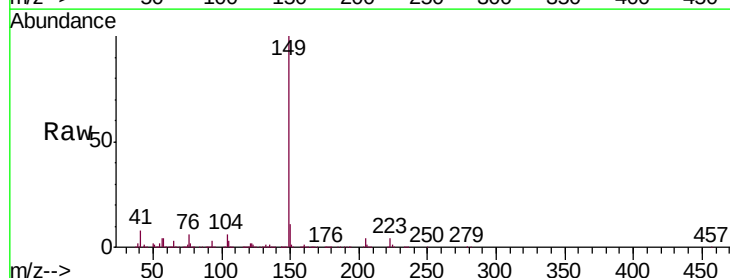
Tgt Ion:149 Resp: 1421729

Ion Ratio Lower Upper

149 100

150 11.2 9.7 14.5

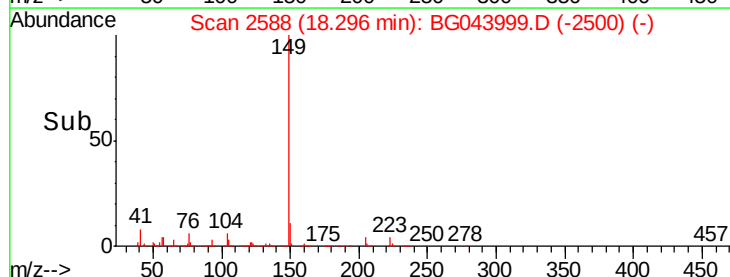
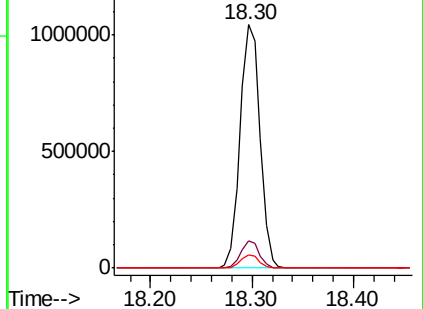
104 5.6 5.0 7.4

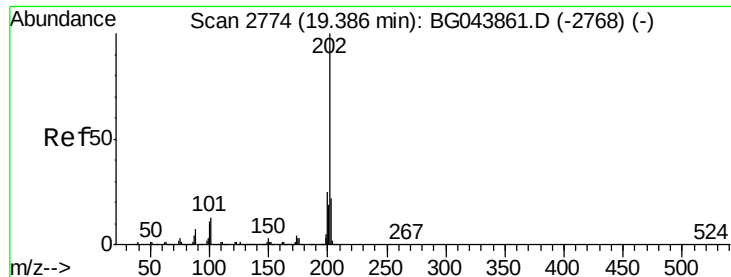


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.593 ng

RT: 19.38 min Scan# 2772

Delta R.T. -0.01 min

Lab File: BG043999.D

Acq: 10 Jan 2020 13:00

Instrument :

BNA_G

ClientSampleId :

PB126006BS

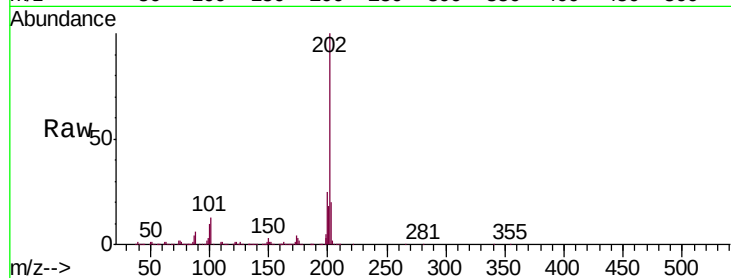
Tgt Ion:202 Resp: 1433175

Ion Ratio Lower Upper

202 100

101 12.8 0.0 33.3

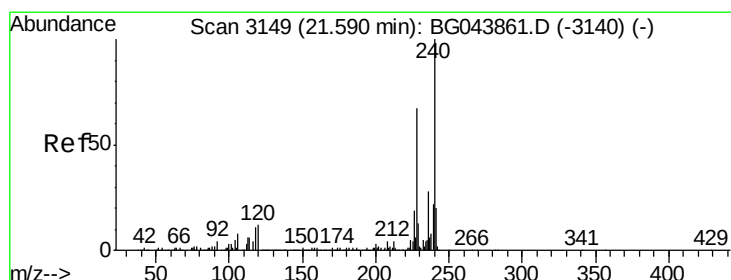
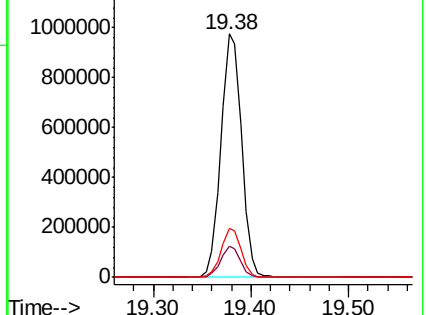
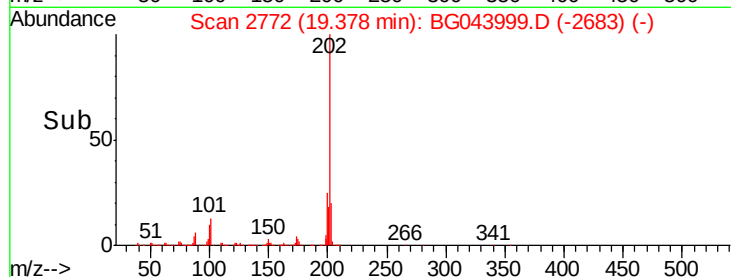
203 20.3 1.6 41.6



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: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG043999.D

Acq: 10 Jan 2020 13:00

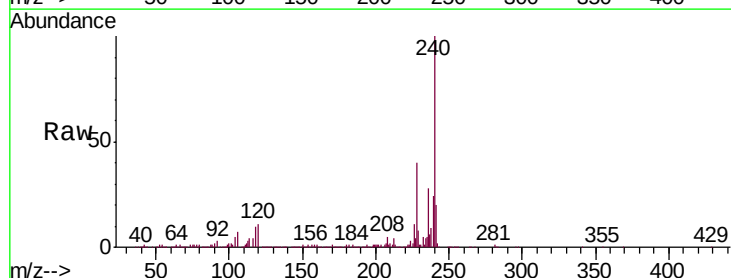
Tgt Ion:240 Resp: 536941

Ion Ratio Lower Upper

240 100

120 11.0 9.6 14.4

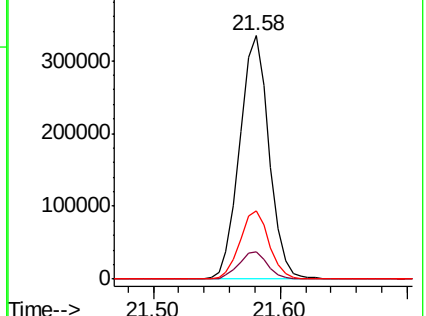
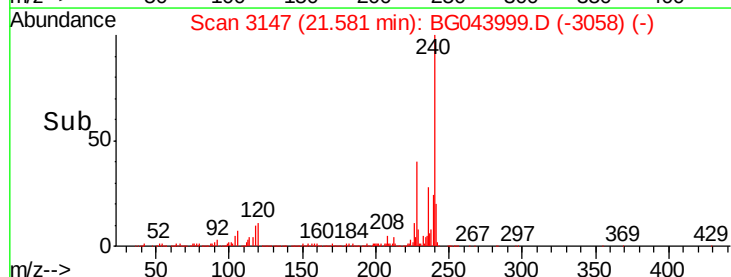
236 27.9 22.2 33.2

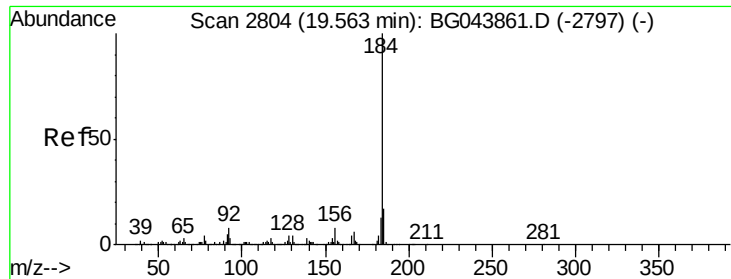


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.181 ng

RT: 19.55 min Scan# 2802

Delta R.T. -0.01 min

Lab File: BG043999.D

Acq: 10 Jan 2020 13:00

Instrument :

BNA_G

ClientSampleId :

PB126006BS

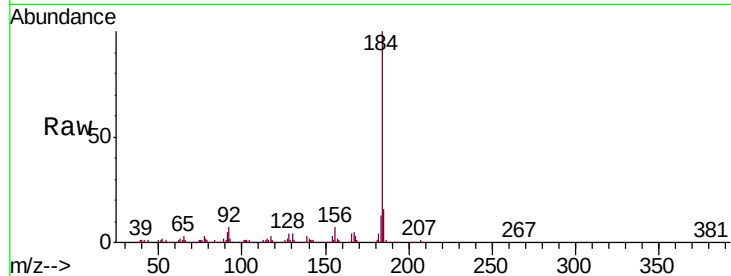
Tgt Ion:184 Resp: 434325

Ion Ratio Lower Upper

184 100

185 15.8 13.4 20.0

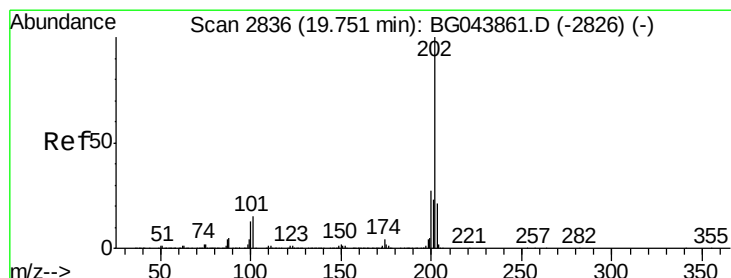
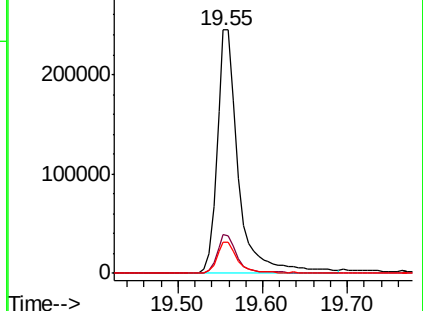
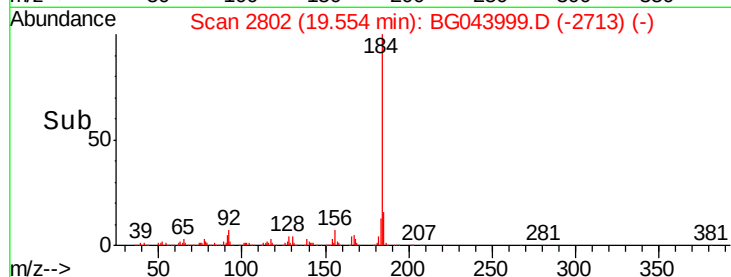
183 12.8 10.6 15.8



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: 41.283 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BG043999.D

Acq: 10 Jan 2020 13:00

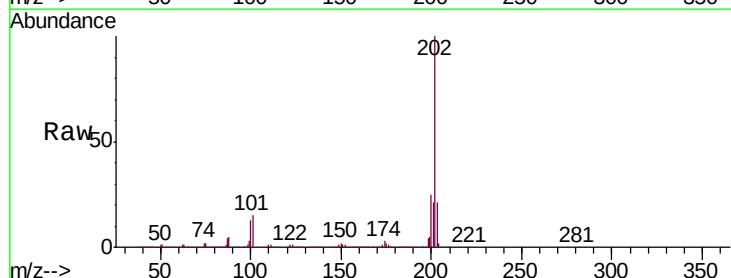
Tgt Ion:202 Resp: 1446887

Ion Ratio Lower Upper

202 100

200 25.1 21.7 32.5

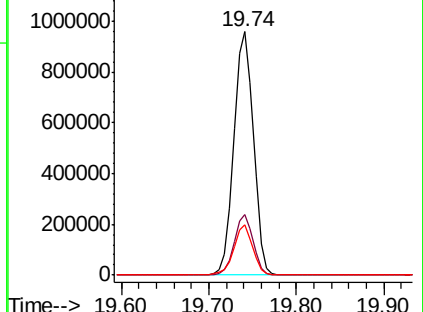
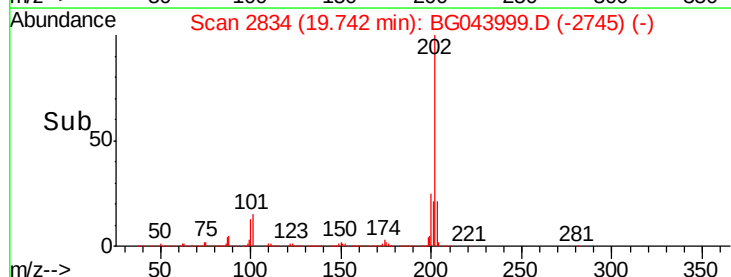
203 20.6 17.0 25.6

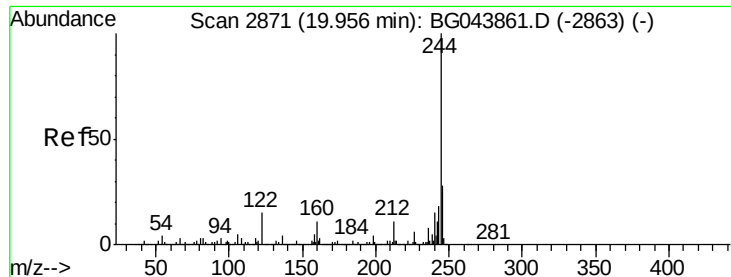


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.183 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.01 min

Lab File: BG043999.D

Acq: 10 Jan 2020 13:00

Instrument :

BNA_G

ClientSampleId :

PB126006BS

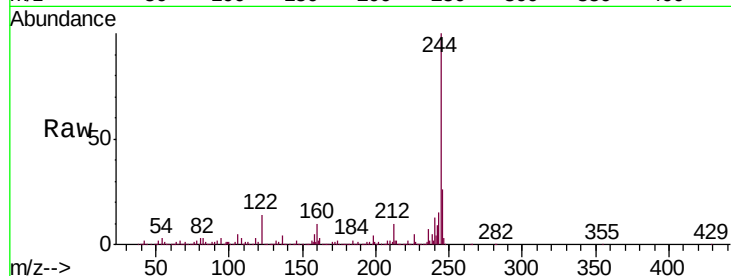
Tgt Ion:244 Resp: 1895939

Ion Ratio Lower Upper

244 100

212 9.9 8.6 13.0

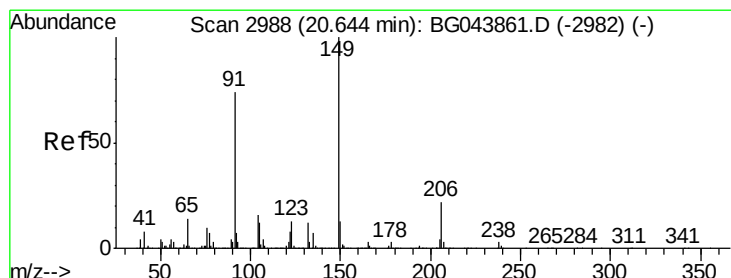
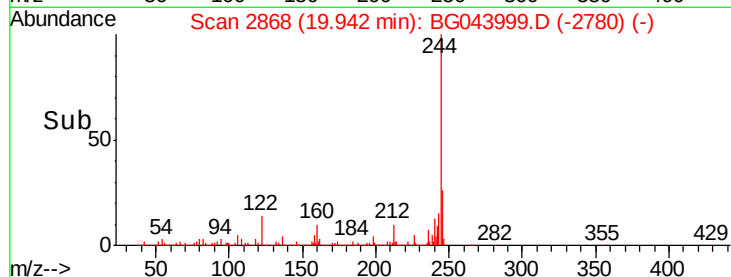
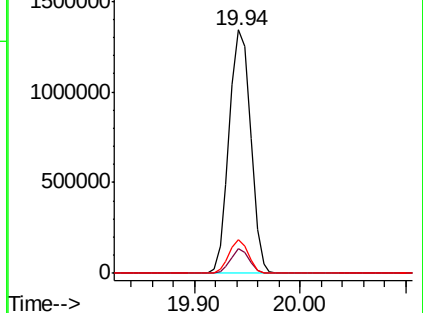
122 13.9 11.9 17.9



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: 39.737 ng

RT: 20.63 min Scan# 2986

Delta R.T. -0.01 min

Lab File: BG043999.D

Acq: 10 Jan 2020 13:00

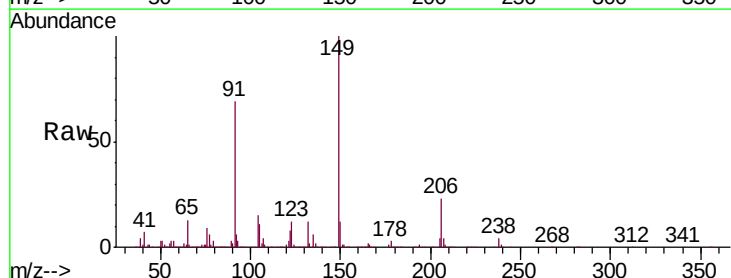
Tgt Ion:149 Resp: 663059

Ion Ratio Lower Upper

149 100

91 69.3 59.5 89.3

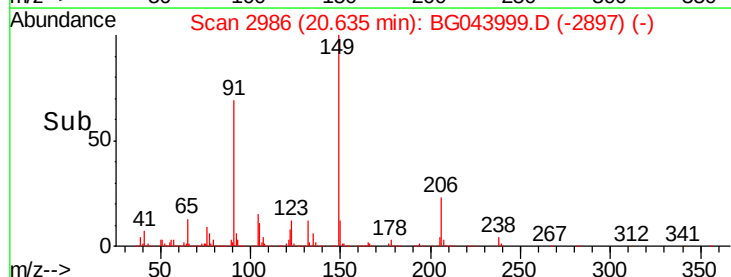
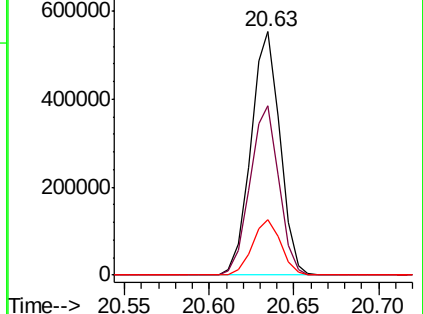
206 22.6 17.8 26.6

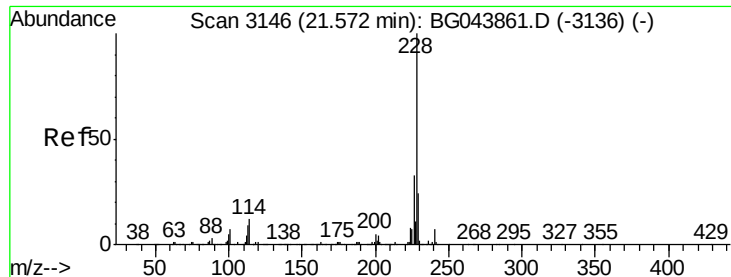


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.671 ng

RT: 21.56 min Scan# 3143

Delta R.T. -0.01 min

Lab File: BG043999.D

Acq: 10 Jan 2020 13:00

Instrument :

BNA_G

ClientSampleId :

PB126006BS

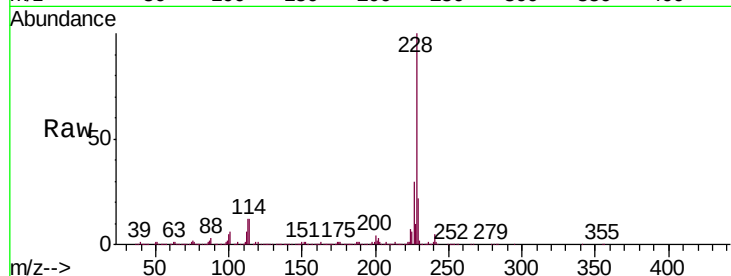
Tgt Ion:228 Resp: 1387391

Ion Ratio Lower Upper

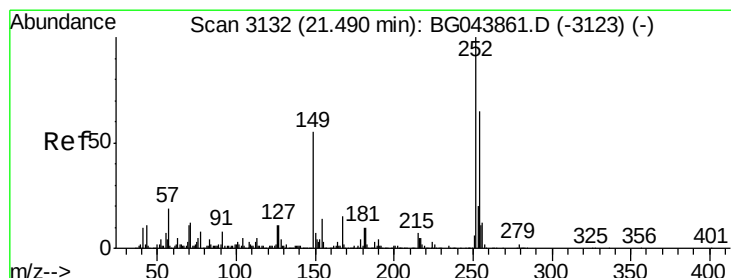
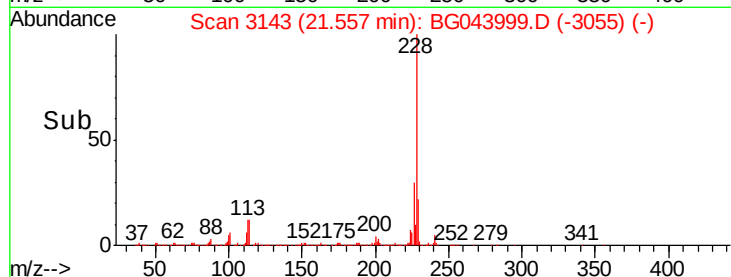
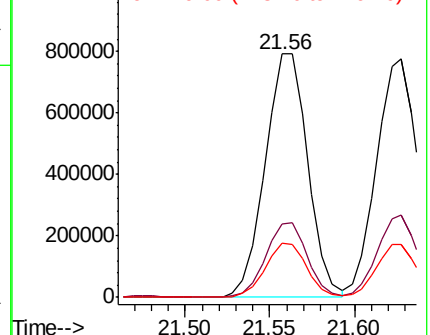
228 100

226 30.4 26.2 39.4

229 22.2 18.9 28.3



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



#82

3,3'-Dichlorobenzidine

Concen: 30.735 ng

RT: 21.48 min Scan# 3129

Delta R.T. -0.01 min

Lab File: BG043999.D

Acq: 10 Jan 2020 13:00

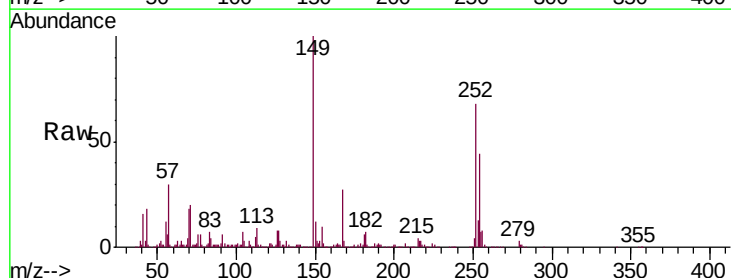
Tgt Ion:252 Resp: 404272

Ion Ratio Lower Upper

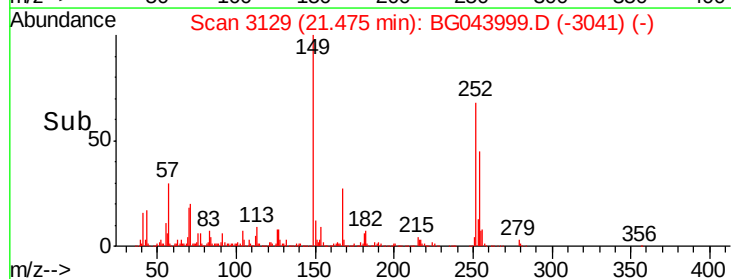
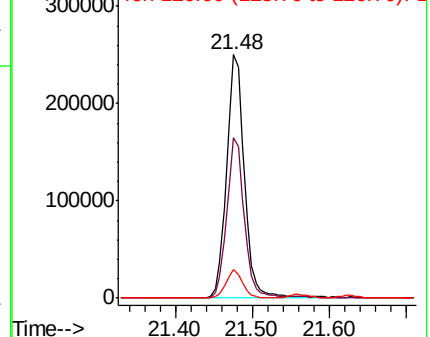
252 100

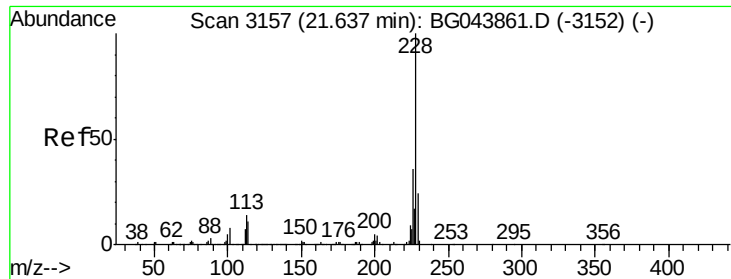
254 65.6 52.1 78.1

126 11.6 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.897 ng

RT: 21.63 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG043999.D

Acq: 10 Jan 2020 13:00

Instrument :

BNA_G

ClientSampleId :

PB126006BS

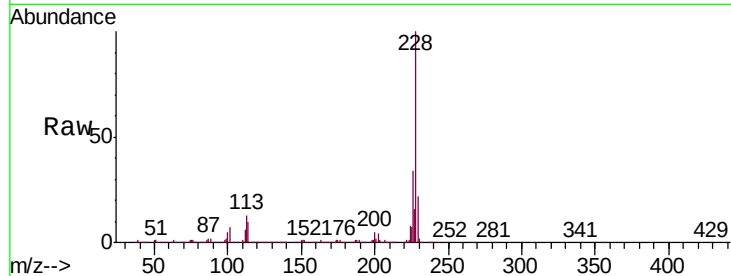
Tgt Ion:228 Resp: 1325437

Ion Ratio Lower Upper

228 100

226 34.4 28.8 43.2

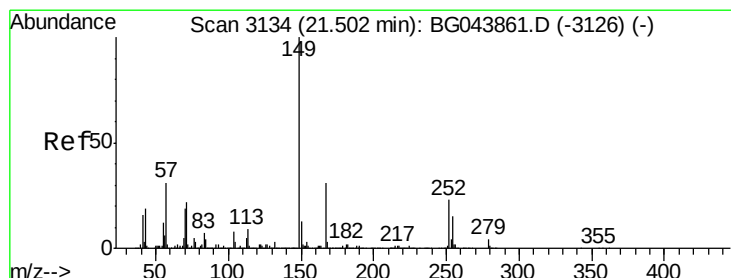
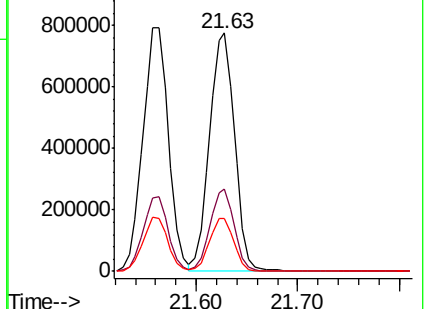
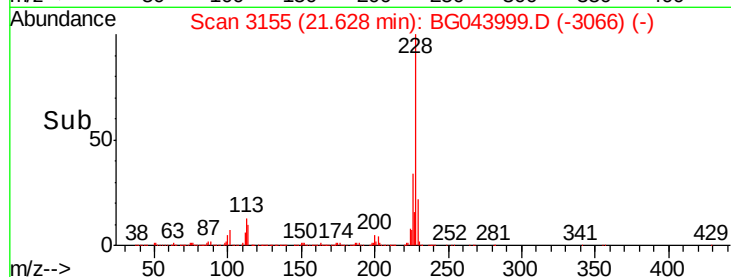
229 22.2 19.0 28.6



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: 40.715 ng

RT: 21.49 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG043999.D

Acq: 10 Jan 2020 13:00

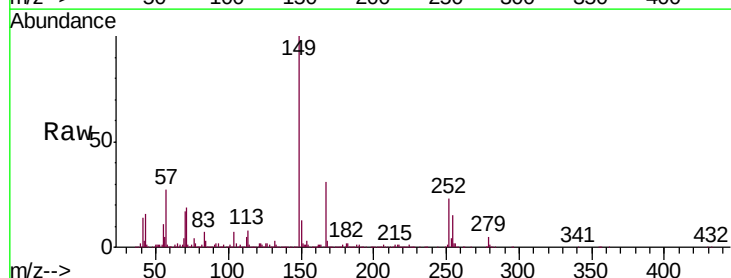
Tgt Ion:149 Resp: 937407

Ion Ratio Lower Upper

149 100

167 30.7 24.7 37.1

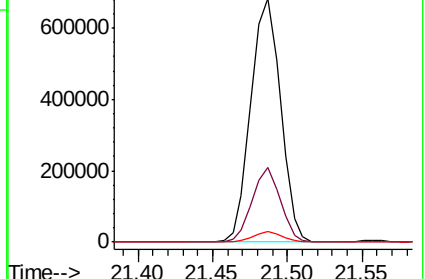
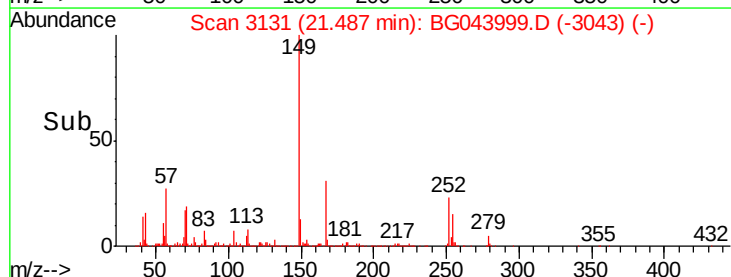
279 4.6 3.3 4.9

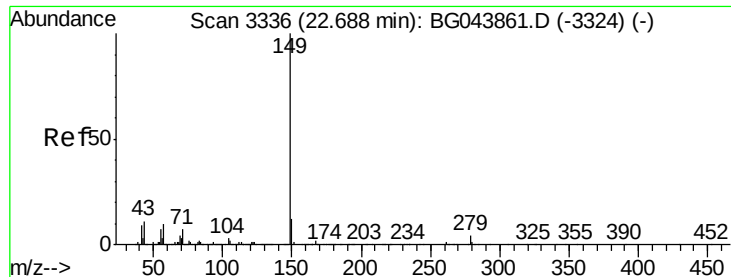


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.813 ng

RT: 22.67 min Scan# 3332

Delta R.T. -0.02 min

Lab File: BG043999.D

Acq: 10 Jan 2020 13:00

Instrument :

BNA_G

ClientSampleId :

PB126006BS

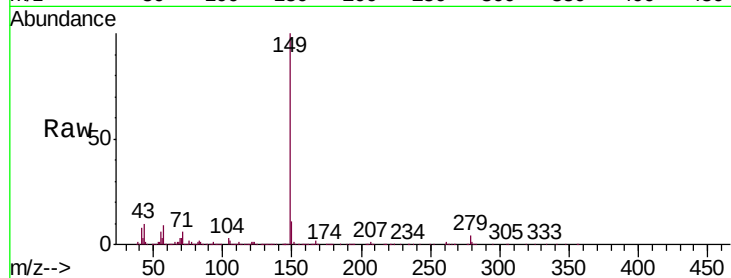
Tgt Ion:149 Resp: 1618427

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

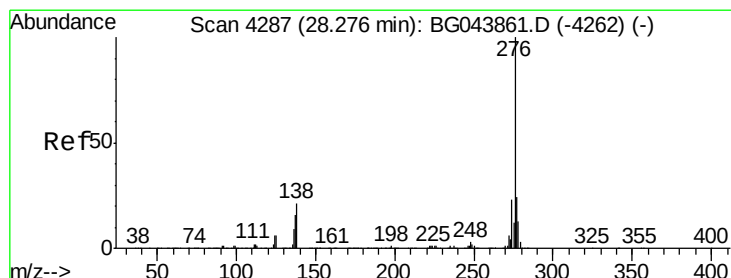
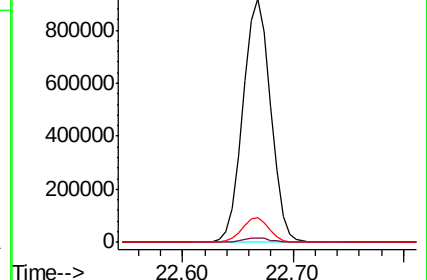
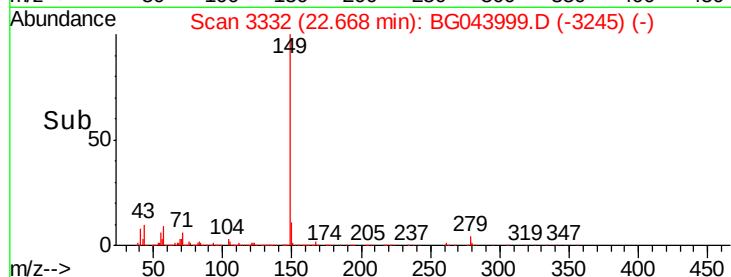
43 9.8 8.8 13.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.596 ng

RT: 28.23 min Scan# 4279

Delta R.T. -0.04 min

Lab File: BG043999.D

Acq: 10 Jan 2020 13:00

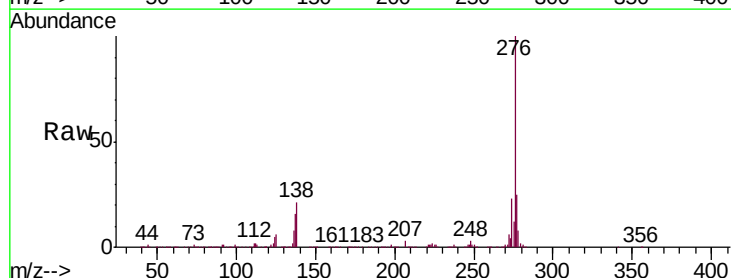
Tgt Ion:276 Resp: 1616394

Ion Ratio Lower Upper

276 100

138 18.5 21.0 31.4#

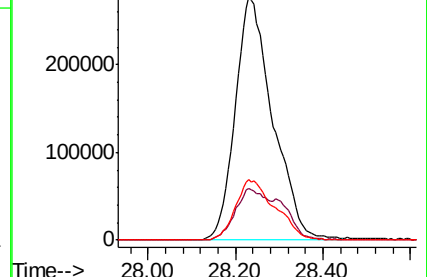
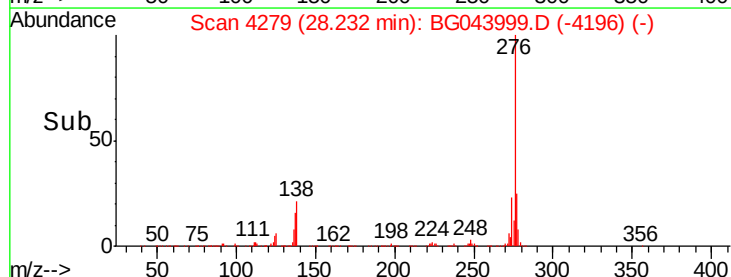
277 26.2 21.1 31.7

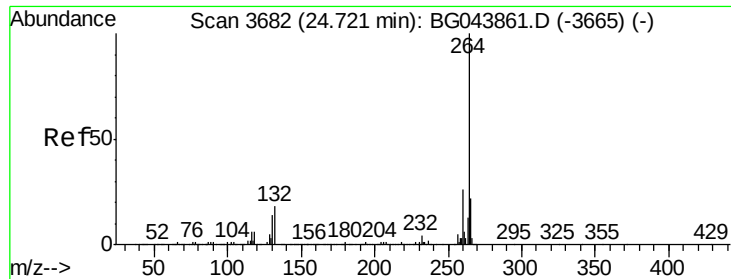


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

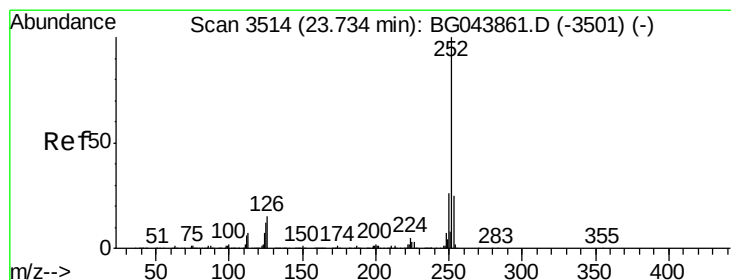
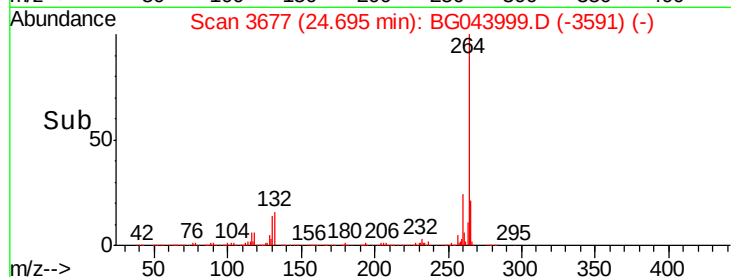
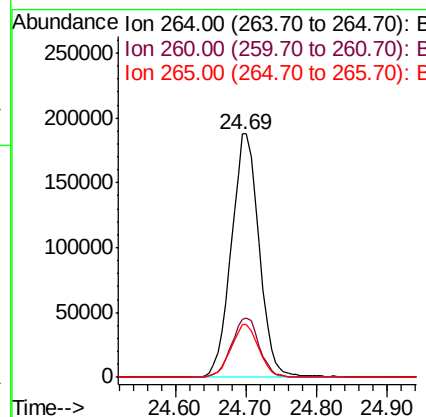
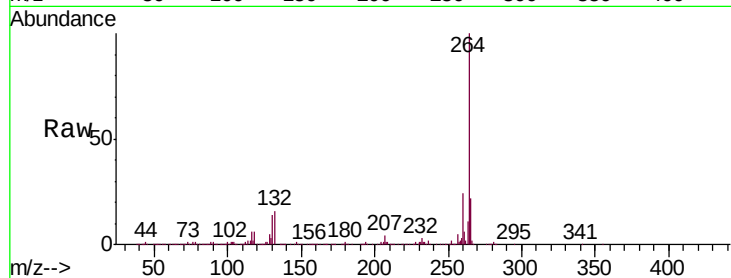




#87
Perylene-d12
Concen: 20.000 ng
RT: 24.69 min Scan# 3677
Delta R.T. -0.03 min
Lab File: BG043999.D
Acq: 10 Jan 2020 13:00

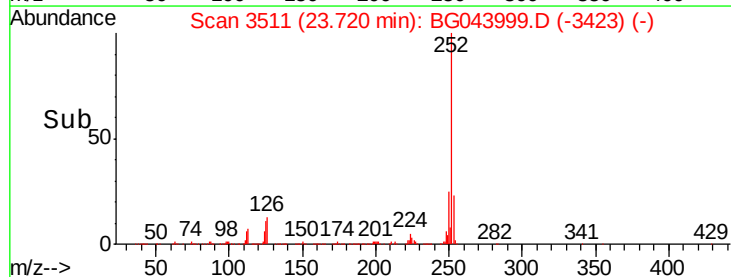
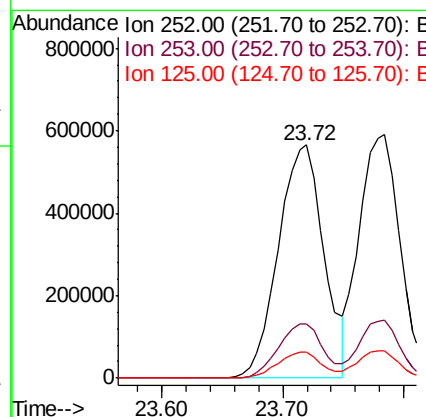
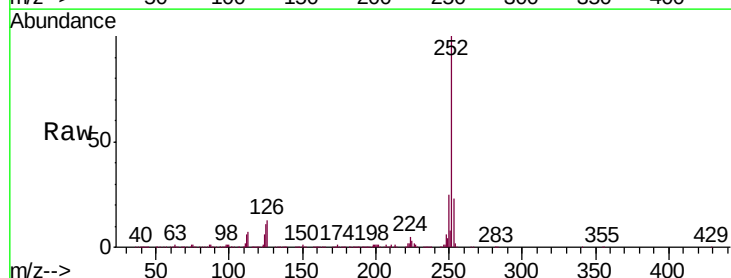
Instrument :
BNA_G
ClientSampleId :
PB126006BS

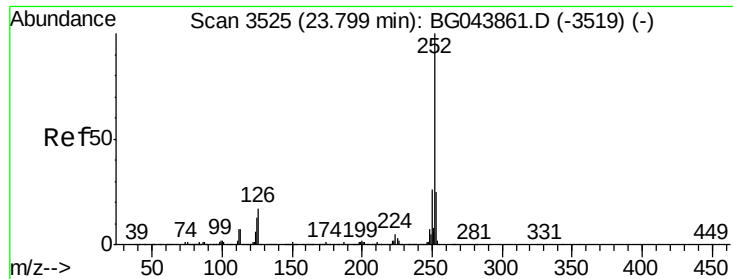
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.4	30.6
265	21.6	17.4	26.2



#88
Benzo(b)fluoranthene
Concen: 48.526 ng
RT: 23.72 min Scan# 3511
Delta R.T. -0.01 min
Lab File: BG043999.D
Acq: 10 Jan 2020 13:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.7	29.5
125	11.1	9.4	14.2

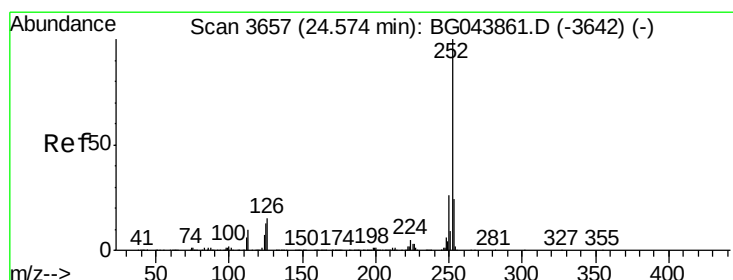
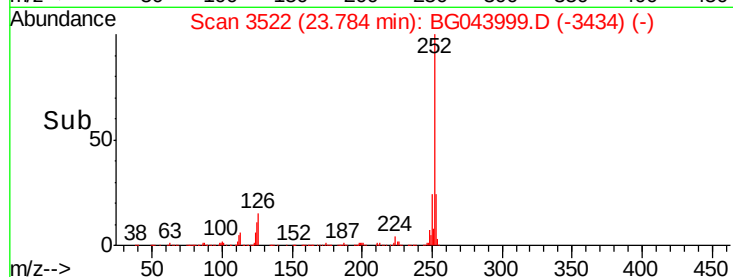
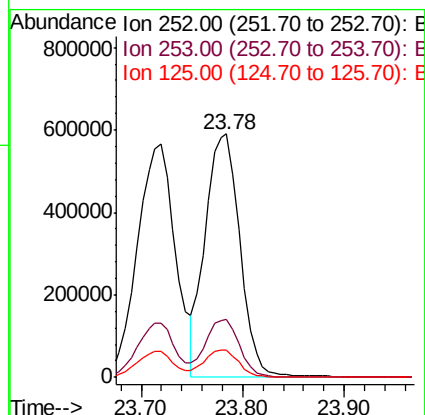
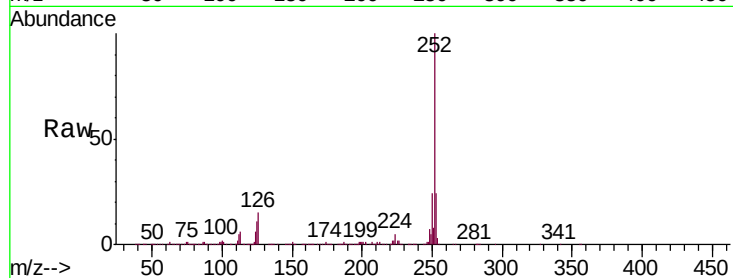




#89
Benzo(k)fluoranthene
Concen: 48.151 ng
RT: 23.78 min Scan# 3522
Delta R.T. -0.01 min
Lab File: BG043999.D
Acq: 10 Jan 2020 13:00

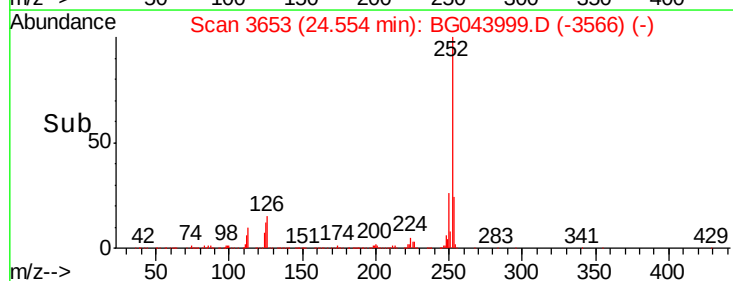
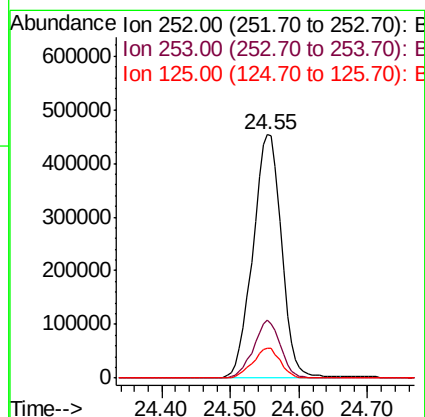
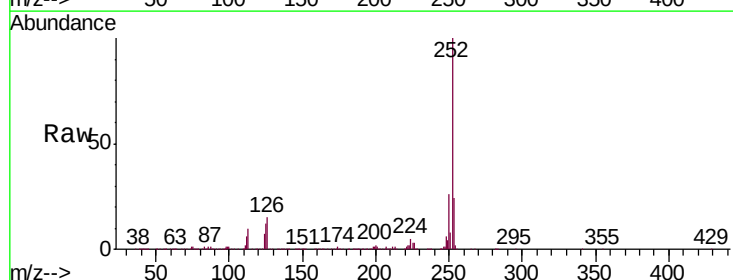
Instrument :
BNA_G
ClientSampleId :
PB126006BS

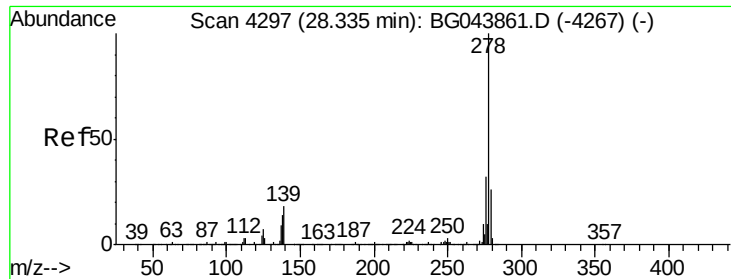
Tgt Ion:252 Resp: 1389198
Ion Ratio Lower Upper
252 100
253 23.7 19.4 29.2
125 11.3 9.9 14.9



#90
Benzo(a)pyrene
Concen: 45.966 ng
RT: 24.55 min Scan# 3653
Delta R.T. -0.02 min
Lab File: BG043999.D
Acq: 10 Jan 2020 13:00

Tgt Ion:252 Resp: 1316247
Ion Ratio Lower Upper
252 100
253 23.8 19.3 28.9
125 12.3 10.4 15.6





#91

Dibenzo(a,h)anthracene

Concen: 46.309 ng

RT: 28.30 min Scan# 4291

Delta R.T. -0.03 min

Lab File: BG043999.D

Acq: 10 Jan 2020 13:00

Instrument :

BNA_G

ClientSampleId :

PB126006BS

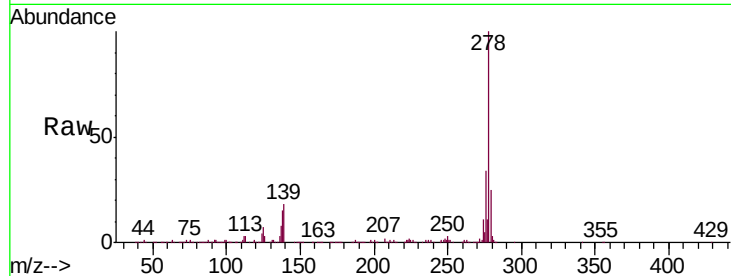
Tgt Ion:278 Resp: 1331764

Ion Ratio Lower Upper

278 100

139 17.5 14.2 21.4

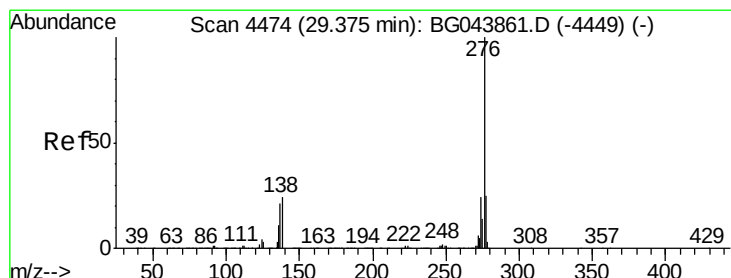
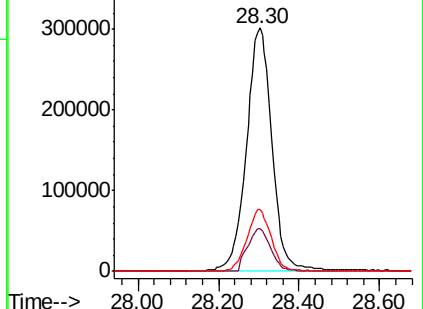
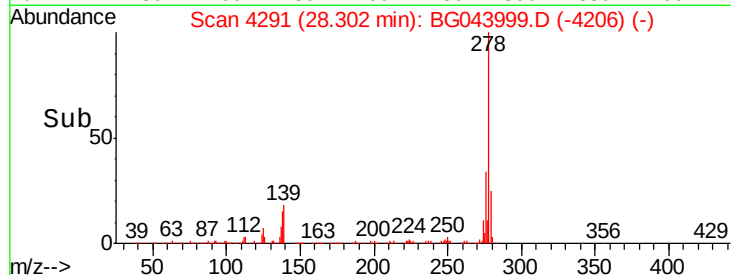
279 25.4 20.6 30.8



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: 46.487 ng

RT: 29.34 min Scan# 4468

Delta R.T. -0.03 min

Lab File: BG043999.D

Acq: 10 Jan 2020 13:00

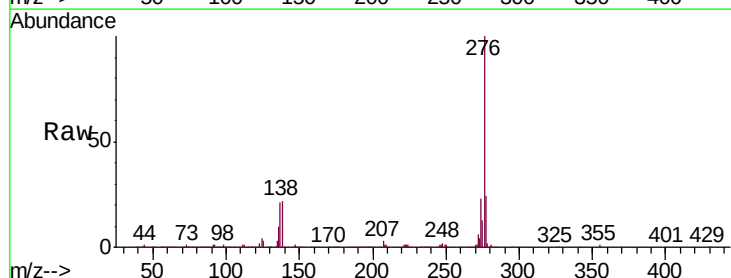
Tgt Ion:276 Resp: 1327930

Ion Ratio Lower Upper

276 100

277 23.9 20.2 30.4

138 22.3 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

