

Data File : BG044171.D
Acq On : 23 Jan 2020 17:36
Operator : JU
Sample : PB126290BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126290BS

Quant Time: Jan 24 05:34:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	75790	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	317287	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	214428	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	458298	20.00	ng	-0.03
76) Chrysene-d12	21.55	240	388625	20.00	ng	-0.04
87) Perylene-d12	24.66	264	438589	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	432889	104.87	ng	-0.03
7) Phenol-d6	7.10	99	585041	101.40	ng	-0.02
23) Nitrobenzene-d5	9.09	82	473027	79.75	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	217590	96.97	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1057819	89.38	ng	-0.04
79) Terphenyl-d14	19.92	244	1529185	98.94	ng	-0.03

Target Compounds					Qvalue
2) 1,4-Dioxane	3.39	88	86524	48.075 ng	98
3) Pyridine	3.79	79	207997	39.121 ng	94
4) n-Nitrosodimethylamine	3.70	42	107810	45.544 ng	96
6) Aniline	7.25	93	265017	34.970 ng	97
8) 2-Chlorophenol	7.49	128	261930	54.052 ng	98
9) Benzaldehyde	7.06	77	132169	35.791 ng	97
10) Phenol	7.13	94	323768	54.463 ng	99
11) bis(2-Chloroethyl)ether	7.35	93	237658	46.314 ng	98
12) 1,3-Dichlorobenzene	7.82	146	264772	46.692 ng	99
13) 1,4-Dichlorobenzene	7.96	146	265689	47.486 ng	99
14) 1,2-Dichlorobenzene	8.28	146	252431	47.004 ng	99
15) Benzyl Alcohol	8.16	79	218907	48.073 ng	96
16) 2,2'-oxybis(1-Chloropropan	8.46	45	322538	40.627 ng	99
17) 2-Methylphenol	8.38	107	224041	52.079 ng	98
18) Hexachloroethane	9.02	117	100593	46.204 ng	98
19) n-Nitroso-di-n-propylamine	8.73	70	188200	43.799 ng	98
20) 3+4-Methylphenols	8.70	107	306823	51.126 ng	100
22) Acetophenone	8.75	105	352203	44.650 ng	99
24) Nitrobenzene	9.13	77	270352	46.023 ng	98
25) Isophorone	9.65	82	514910	46.275 ng	99
26) 2-Nitrophenol	9.84	139	147103	52.930 ng	96
27) 2,4-Dimethylphenol	9.91	122	248354	59.365 ng	98
28) bis(2-Chloroethoxy)methane	10.14	93	328931	44.340 ng	98
29) 2,4-Dichlorophenol	10.38	162	257962	51.693 ng	95
30) 1,2,4-Trichlorobenzene	10.60	180	256729	45.883 ng	97
31) Naphthalene	10.78	128	763091	49.700 ng	99
32) Benzoic acid	10.06	122	115498	35.740 ng	96
33) 4-Chloroaniline	10.88	127	185149	25.282 ng	99
34) Hexachlorobutadiene	11.08	225	147725	43.242 ng	99
35) Caprolactam	11.65	113	74528	40.118 ng	97
36) 4-Chloro-3-methylphenol	12.02	107	283008	53.273 ng	98
37) 2-Methylnaphthalene	12.39	142	573301	49.596 ng	97
38) 1-Methylnaphthalene	12.61	142	544914	49.738 ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	271238	43.157 ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	358754	110.104	ng	100
43) 2,4,6-Trichlorophenol	13.00	196	205465	47.512	ng	97
44) 2,4,5-Trichlorophenol	13.08	196	224531	50.341	ng	98
46) 1,1'-Biphenyl	13.40	154	721061	46.901	ng	98
47) 2-Chloronaphthalene	13.44	162	566784	45.623	ng	98
48) 2-Nitroaniline	13.64	65	179637	44.952	ng	98
49) Acenaphthylene	14.29	152	908109	50.857	ng	97
50) Dimethylphthalate	14.02	163	730948	48.009	ng	99
51) 2,6-Dinitrotoluene	14.13	165	165539	48.104	ng	99
52) Acenaphthene	14.63	154	566728	45.258	ng	97
53) 3-Nitroaniline	14.46	138	121289	31.037	ng	99
54) 2,4-Dinitrophenol	14.67	184	166670	94.036	ng	97
55) Dibenzofuran	14.96	168	865998	50.237	ng	98
56) 4-Nitrophenol	14.79	139	303201	101.249	ng	94
57) 2,4-Dinitrotoluene	14.92	165	232397	49.631	ng	96
58) Fluorene	15.61	166	684384	50.090	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	196343	51.194	ng	96
60) Diethylphthalate	15.39	149	743811	48.844	ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	355185	47.875	ng	97
62) 4-Nitroaniline	15.63	138	165980	43.010	ng	97
63) Azobenzene	15.90	77	695763	49.266	ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	128953	54.007	ng	97
66) n-Nitrosodiphenylamine	15.82	169	645142	47.801	ng	99
67) 4-Bromophenyl-phenylether	16.50	248	228656	44.361	ng	98
68) Hexachlorobenzene	16.62	284	246948	44.462	ng	97
69) Atrazine	16.77	200	233885	53.313	ng	99
70) Pentachlorophenol	16.97	266	264917	86.526	ng	99
71) Phenanthrene	17.35	178	1069006	48.630	ng	98
72) Anthracene	17.44	178	1113102	51.237	ng	98
73) Carbazole	17.71	167	988792	49.273	ng	96
74) Di-n-butylphthalate	18.28	149	1222624	47.719	ng	97
75) Fluoranthene	19.36	202	1227190	48.815	ng	96
77) Benzidine	19.54	184	502802	51.473	ng	97
78) Pyrene	19.72	202	1236422	48.741	ng	95
80) Butylbenzylphthalate	20.61	149	566432	46.901	ng	97
81) Benzo(a)anthracene	21.54	228	1177291	48.855	ng	97
82) 3,3'-Dichlorobenzidine	21.45	252	330219	34.686	ng	99
83) Chrysene	21.60	228	1120935	48.955	ng	96
84) Bis(2-ethylhexyl)phthalate	21.46	149	799995	48.007	ng	98
85) Di-n-octyl phthalate	22.64	149	1407654	50.247	ng	97
86) Indeno(1,2,3-cd)pyrene	28.18	276	1451378	46.642	ng	99
88) Benzo(b)fluoranthene	23.68	252	1214912	46.857	ng	99
89) Benzo(k)fluoranthene	23.75	252	1227800	49.797	ng	98
90) Benzo(a)pyrene	24.52	252	1152811	47.108	ng	98
91) Dibenzo(a,h)anthracene	28.25	278	1189880	48.415	ng	97
92) Benzo(g,h,i)perylene	29.28	276	1216947	49.849	ng	97

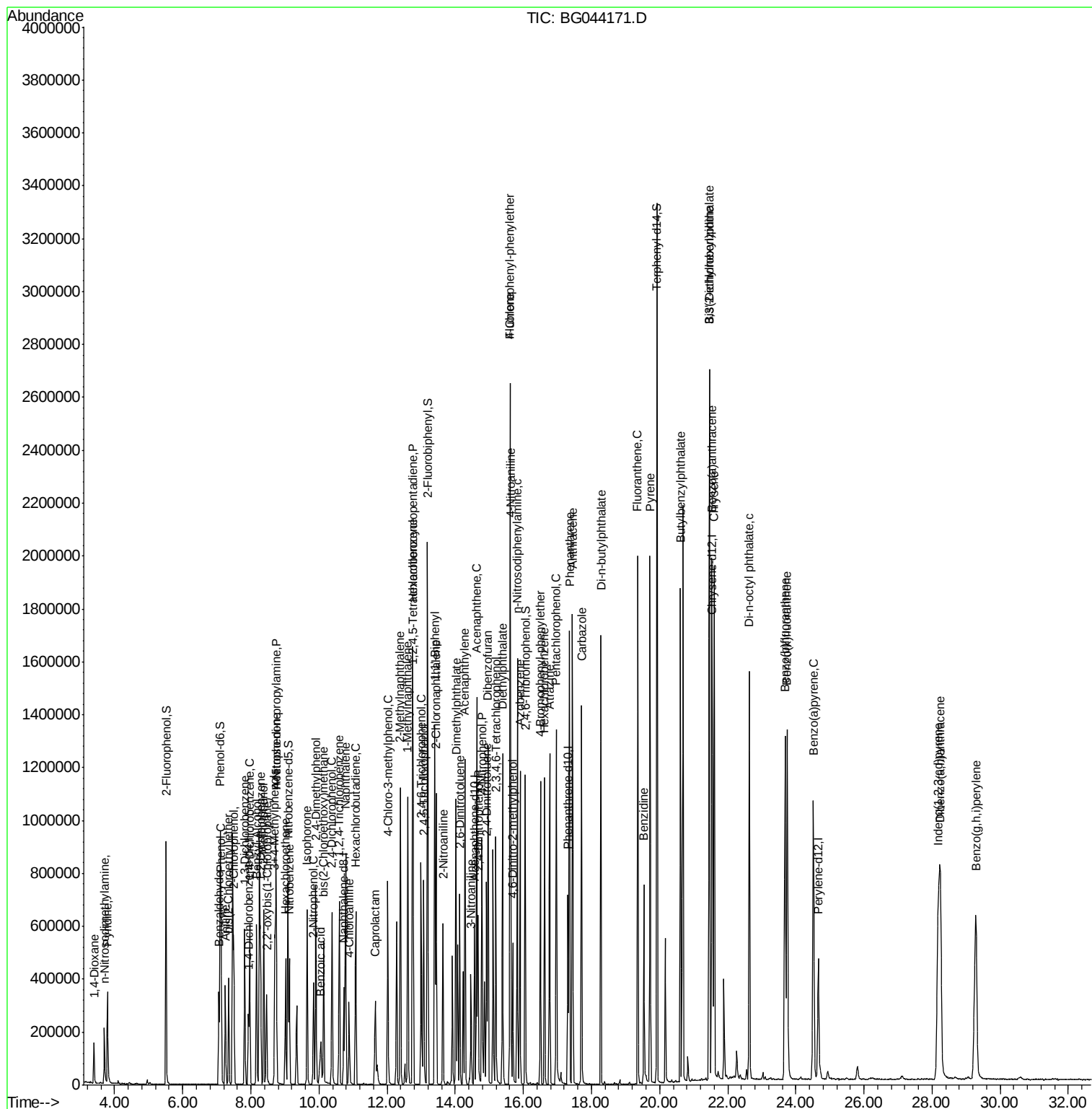
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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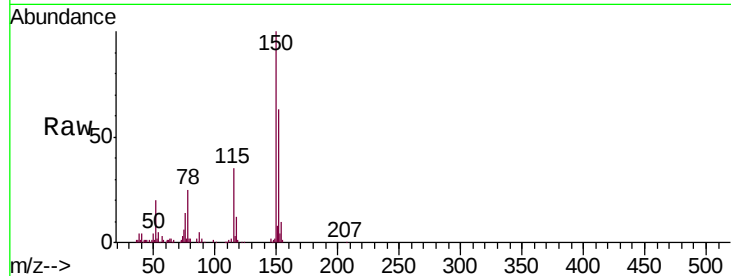


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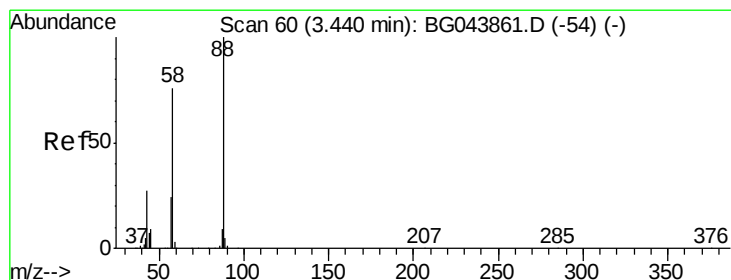
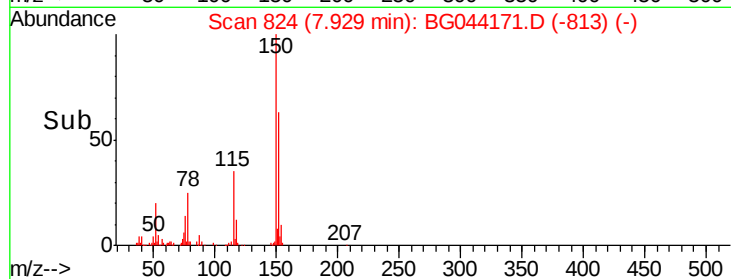
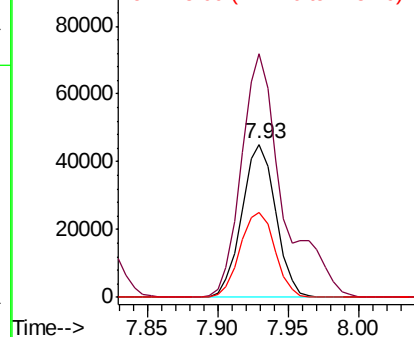
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

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BNA_G
ClientSampleId :
PB126290BS

Tgt Ion:152 Resp: 75790
Ion Ratio Lower Upper
152 100
150 158.9 127.0 190.4
115 55.7 47.8 71.8



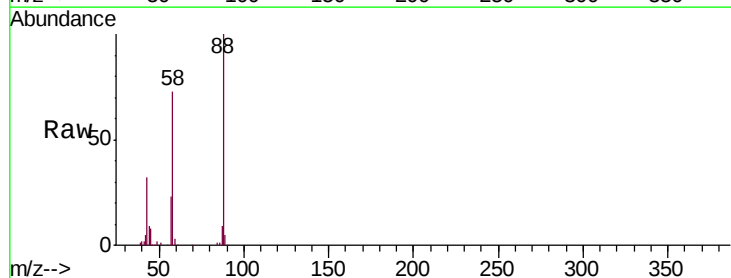
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



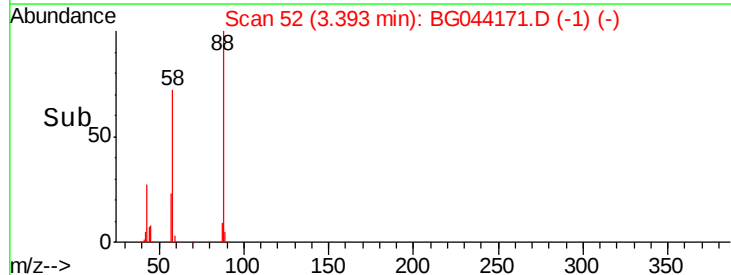
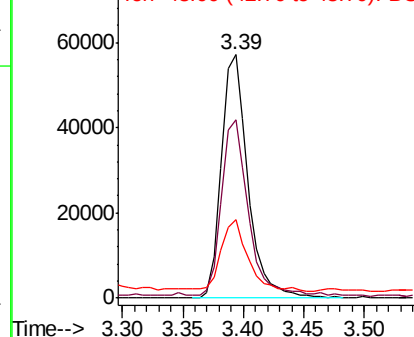
#2

1,4-Dioxane
Concen: 48.075 ng
RT: 3.39 min Scan# 52
Delta R.T. -0.05 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Tgt Ion: 88 Resp: 86524
Ion Ratio Lower Upper
88 100
58 72.6 59.8 89.8
43 29.6 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: 39.121 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.04 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

Instrument :

BNA_G

ClientSampleId :

PB126290BS

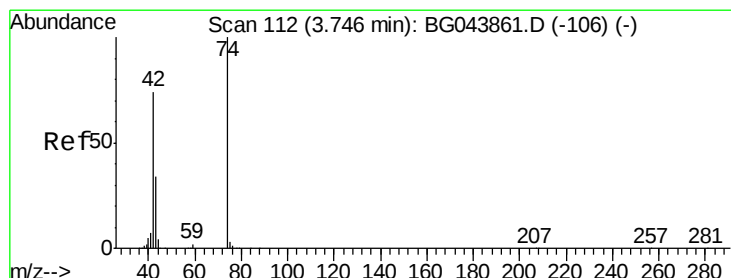
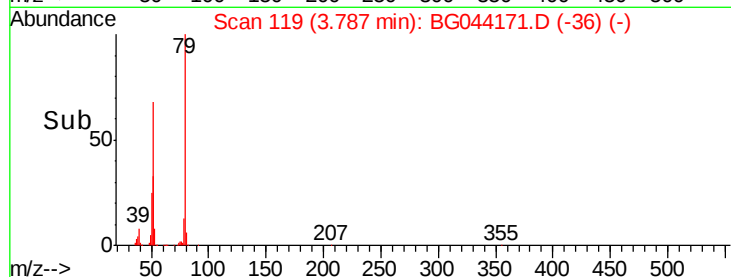
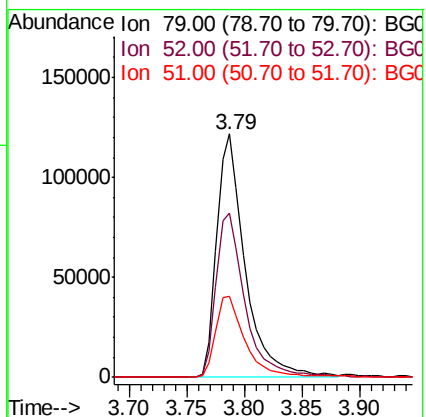
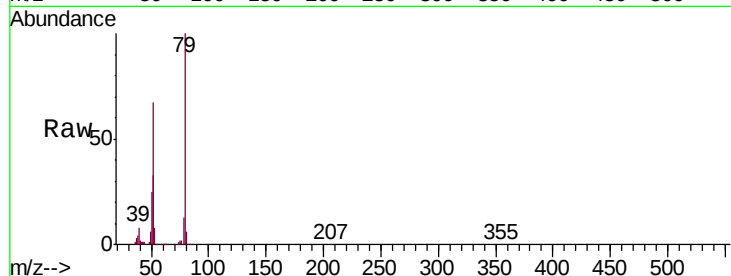
Tgt Ion: 79 Resp: 207997

Ion Ratio Lower Upper

79 100

52 67.4 58.9 88.3

51 33.1 28.6 43.0



#4

n-Nitrosodimethylamine

Concen: 45.544 ng

RT: 3.70 min Scan# 104

Delta R.T. -0.05 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

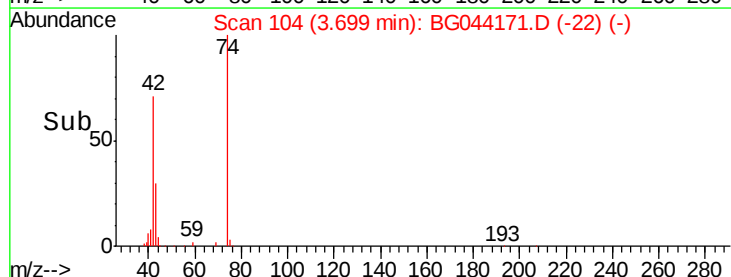
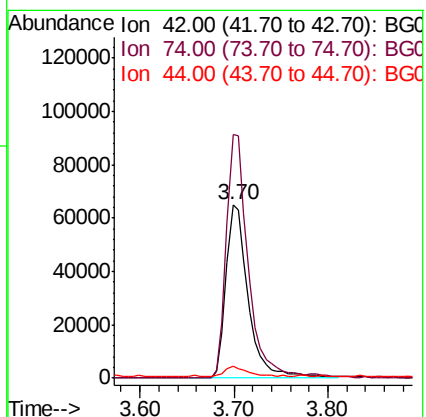
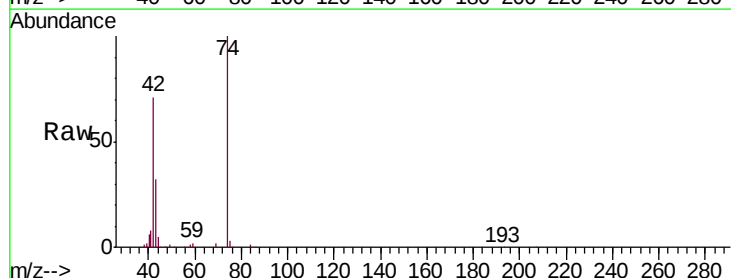
Tgt Ion: 42 Resp: 107810

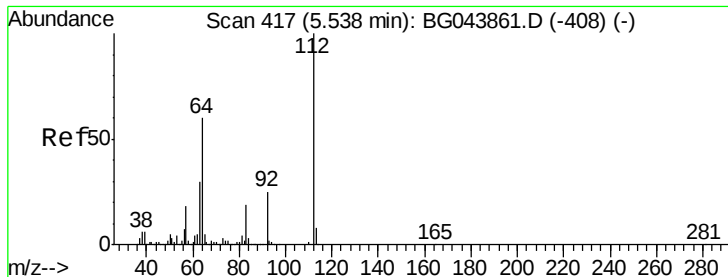
Ion Ratio Lower Upper

42 100

74 140.0 108.6 162.8

44 6.7 5.0 7.6





#5

2-Fluorophenol

Concen: 104.874 ng

RT: 5.51 min Scan# 412

Delta R.T. -0.03 min

Lab File: BG044171.D

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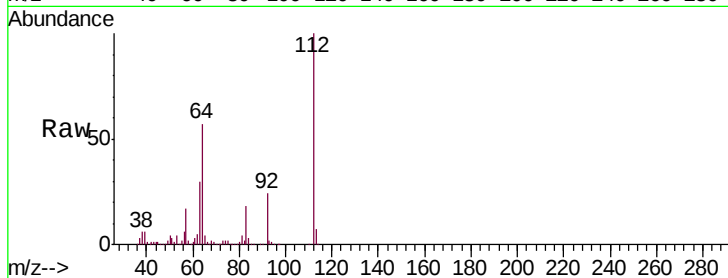
Tgt Ion: 112 Resp: 432889

Ion Ratio Lower Upper

112 100

64 57.2 47.8 71.6

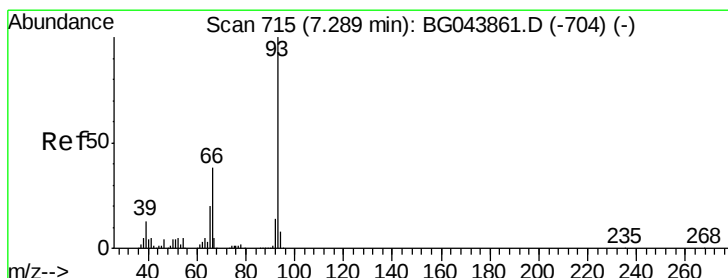
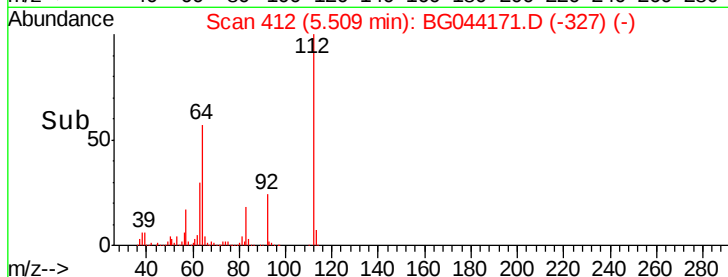
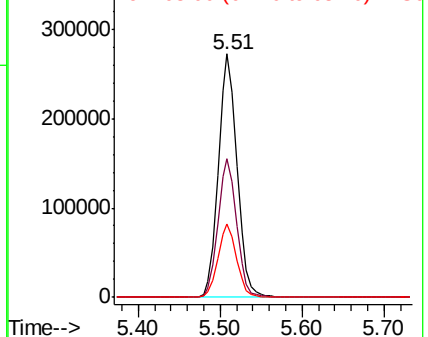
63 30.3 24.3 36.5



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: 34.970 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.04 min

Lab File: BG044171.D

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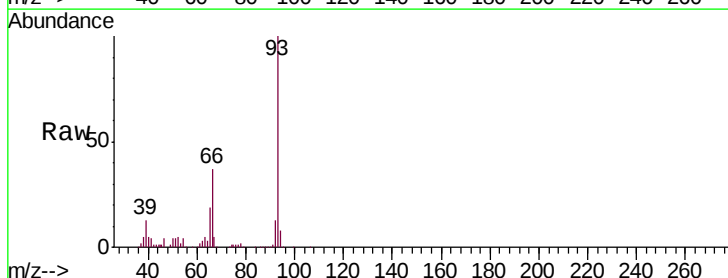
Tgt Ion: 93 Resp: 265017

Ion Ratio Lower Upper

93 100

66 36.5 30.8 46.2

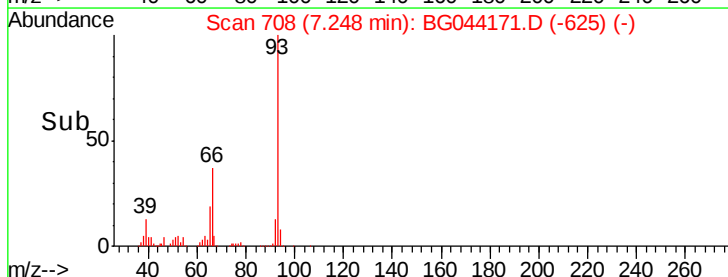
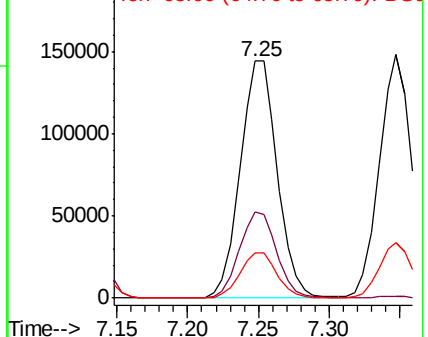
65 19.3 16.0 24.0

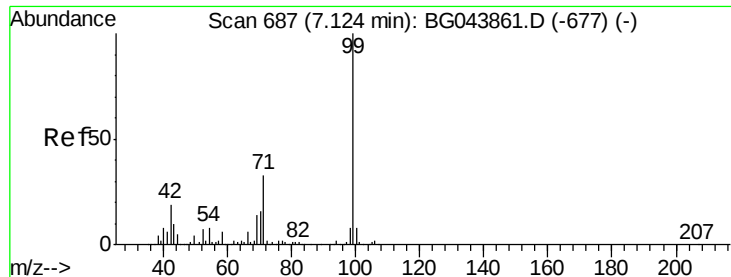


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 101.397 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

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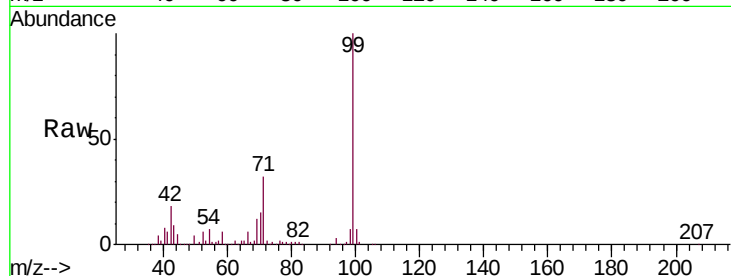
Tgt Ion: 99 Resp: 585041

Ion Ratio Lower Upper

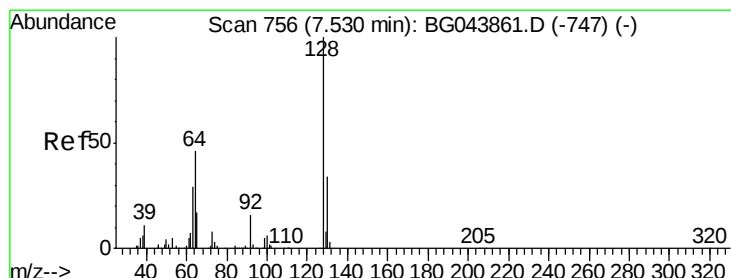
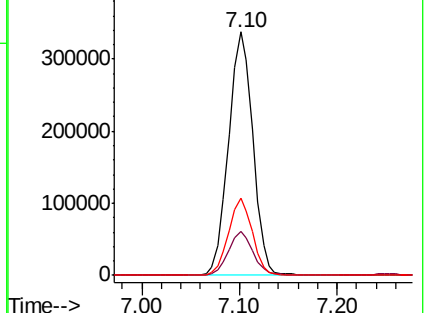
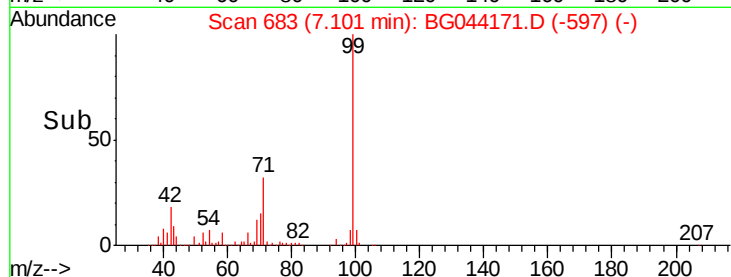
99 100

42 18.0 14.9 22.3

71 31.8 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: 54.052 ng

RT: 7.49 min Scan# 750

Delta R.T. -0.04 min

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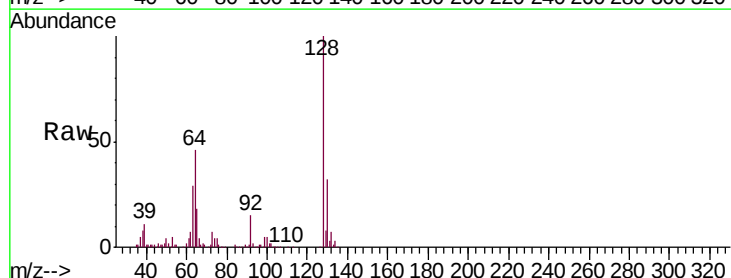
Tgt Ion: 128 Resp: 261930

Ion Ratio Lower Upper

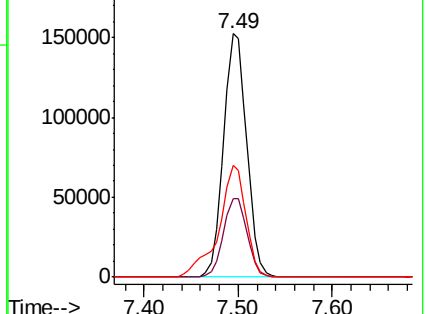
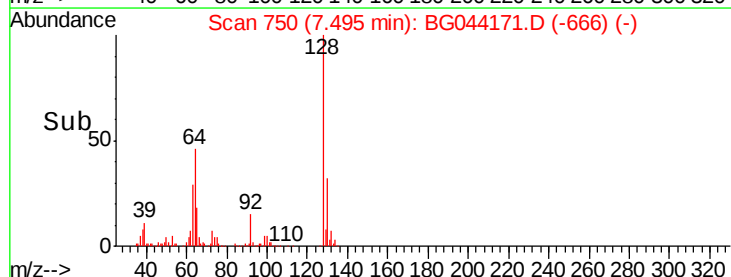
128 100

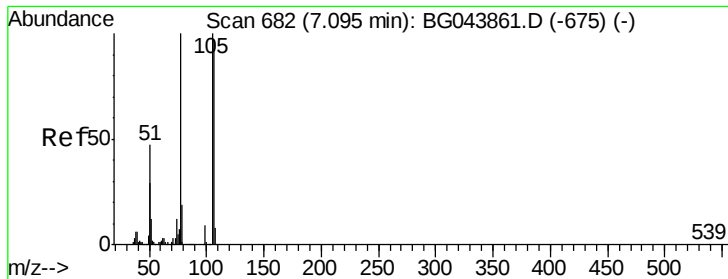
130 32.2 13.8 53.8

64 46.1 27.6 67.6



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





#9

Benzaldehyde

Concen: 35.791 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.04 min

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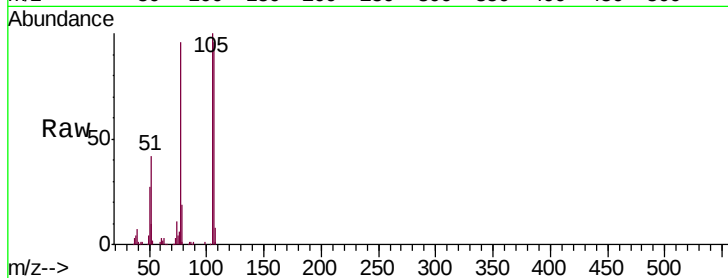
Tgt Ion: 77 Resp: 132169

Ion Ratio Lower Upper

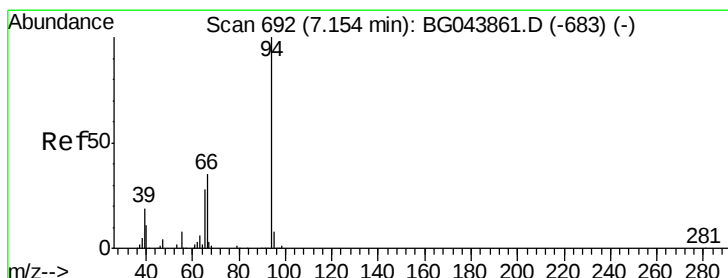
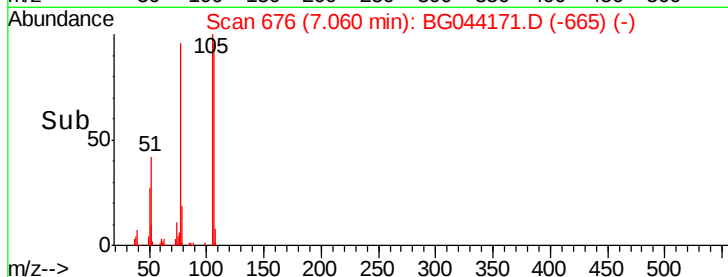
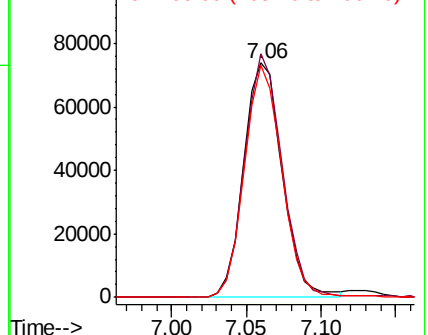
77 100

105 104.0 80.2 120.2

106 99.4 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: 54.463 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

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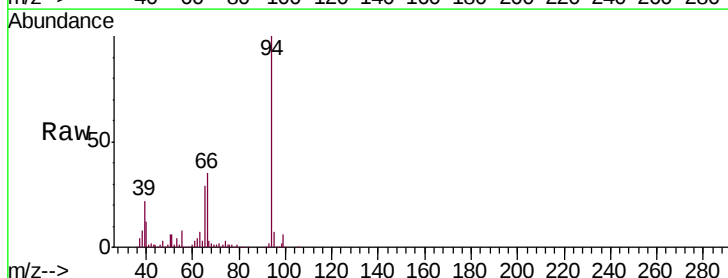
Tgt Ion: 94 Resp: 323768

Ion Ratio Lower Upper

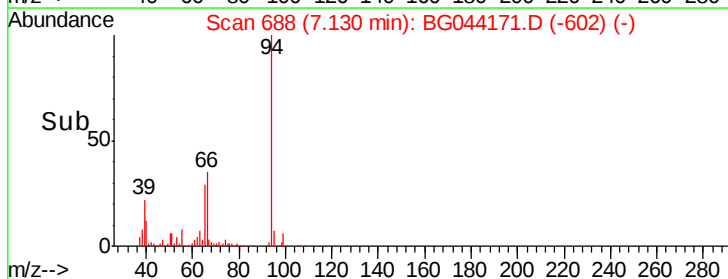
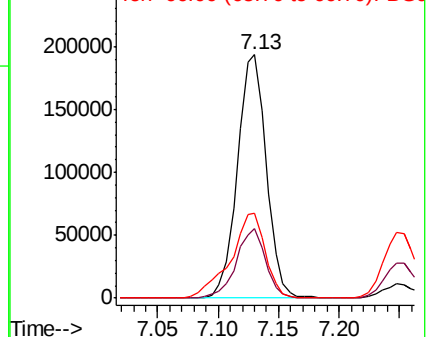
94 100

65 28.6 8.1 48.1

66 35.1 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

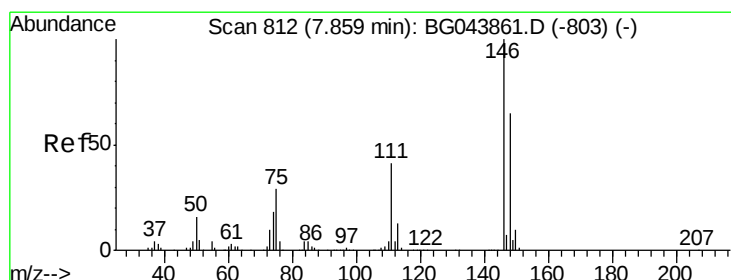
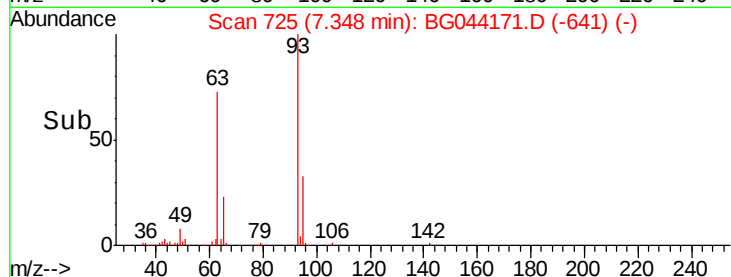
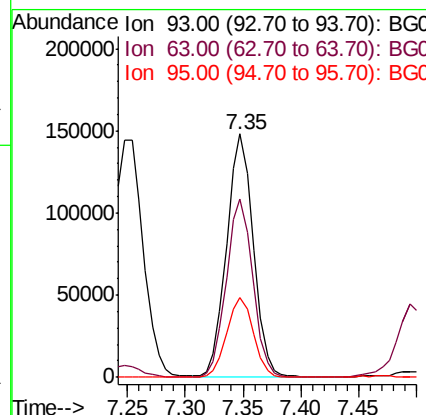
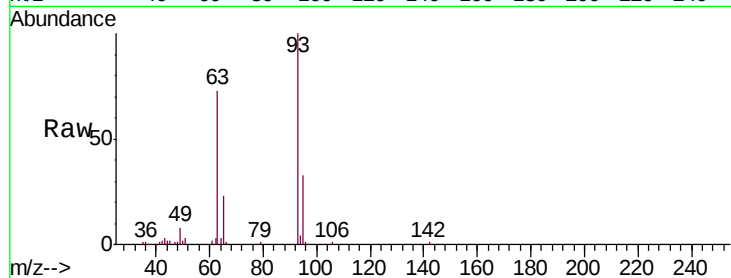




#11
 bis(2-Chloroethyl)ether
 Concen: 46.314 ng
 RT: 7.35 min Scan# 725
 Delta R.T. -0.04 min
 Lab File: BG044171.D
 Acq: 23 Jan 2020 17:36

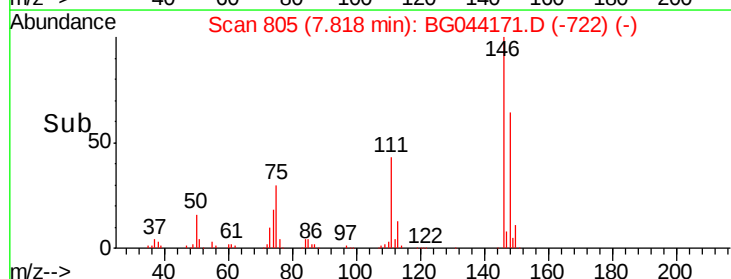
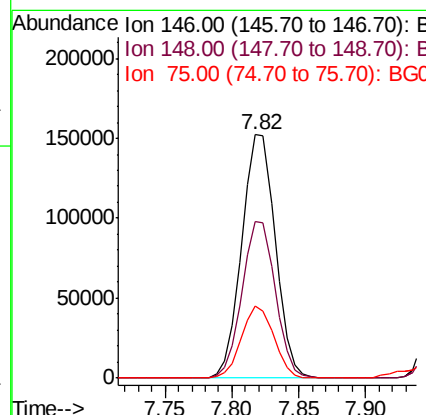
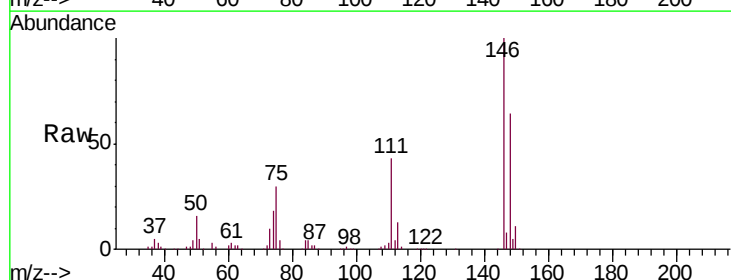
Instrument :
 BNA_G
 ClientSampleId :
 PB126290BS

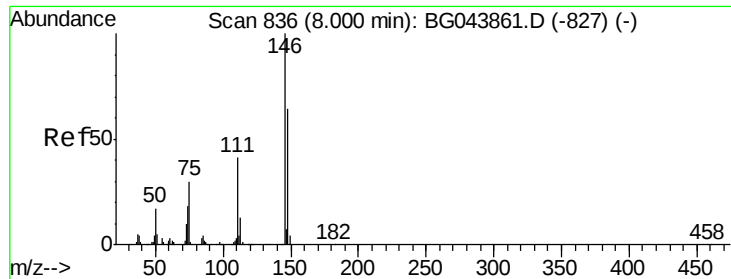
Tgt Ion	Ratio	Lower	Upper
93	100		
63	73.1	55.0	95.0
95	32.9	13.3	53.3



#12
 1,3-Dichlorobenzene
 Concen: 46.692 ng
 RT: 7.82 min Scan# 805
 Delta R.T. -0.04 min
 Lab File: BG044171.D
 Acq: 23 Jan 2020 17:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.1	78.1
75	29.6	23.0	34.4

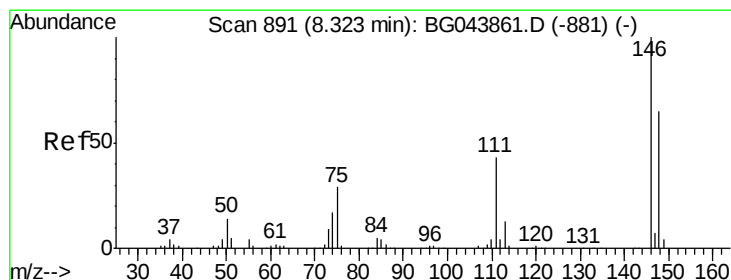
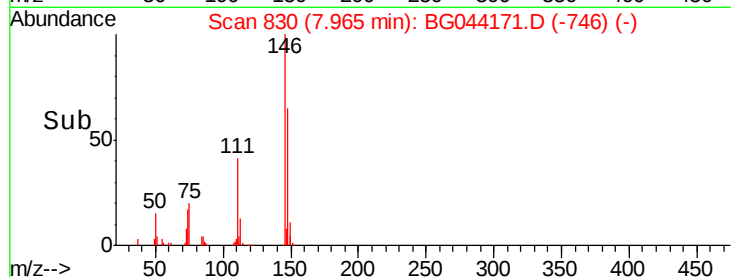
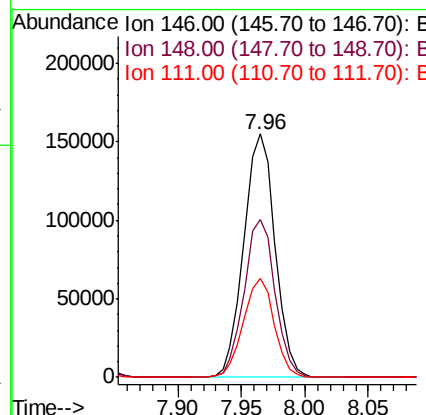
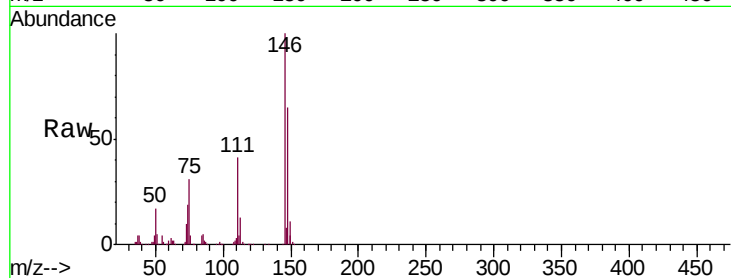




#13
 1,4-Dichlorobenzene
 Concen: 47.486 ng
 RT: 7.96 min Scan# 830
 Delta R.T. -0.04 min
 Lab File: BG044171.D
 Acq: 23 Jan 2020 17:36

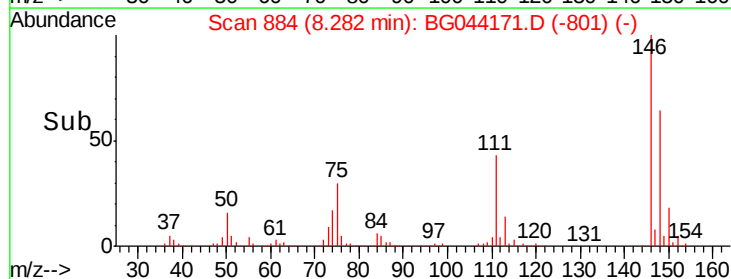
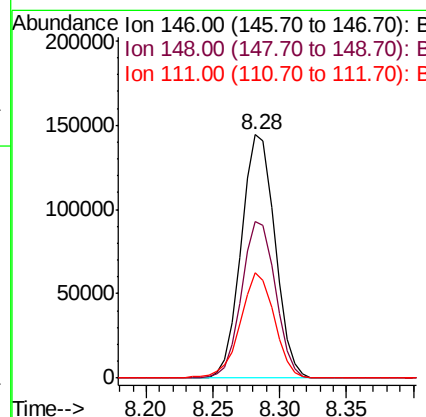
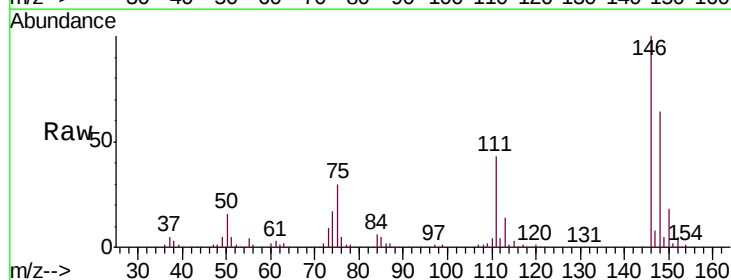
Instrument :
 BNA_G
 ClientSampleId :
 PB126290BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.2	76.8
111	40.6	33.1	49.7



#14
 1,2-Dichlorobenzene
 Concen: 47.004 ng
 RT: 8.28 min Scan# 884
 Delta R.T. -0.04 min
 Lab File: BG044171.D
 Acq: 23 Jan 2020 17:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.7	77.5
111	43.5	34.4	51.6





#15

Benzyl Alcohol

Concen: 48.073 ng

RT: 8.16 min Scan# 864

Delta R.T. -0.04 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

Instrument :

BNA_G

ClientSampleId :

PB126290BS

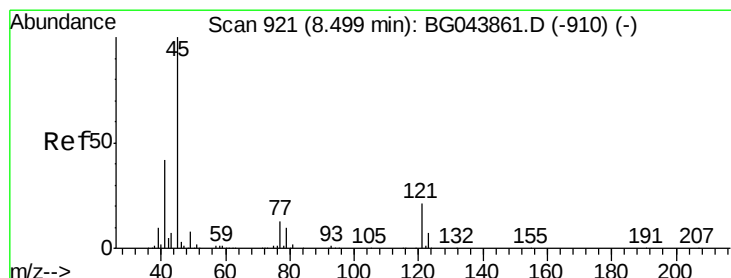
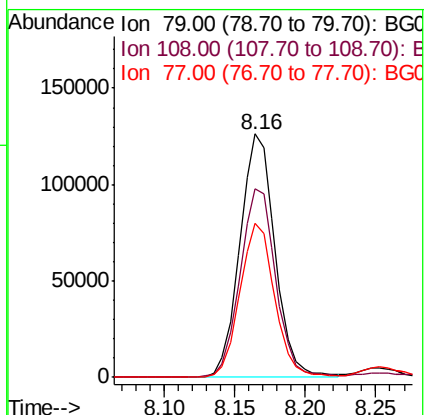
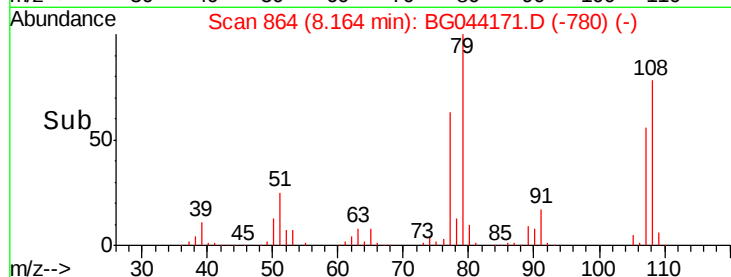
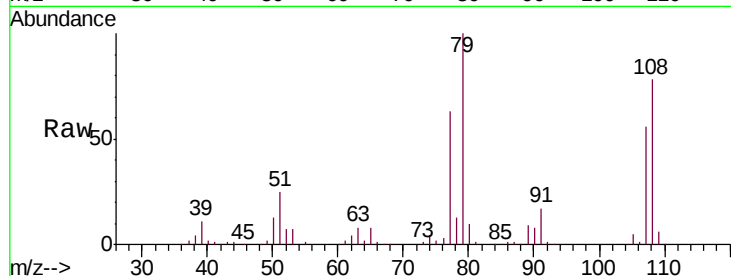
Tgt Ion: 79 Resp: 218907

Ion Ratio Lower Upper

79 100

108 77.7 65.6 98.4

77 63.2 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.627 ng

RT: 8.46 min Scan# 915

Delta R.T. -0.04 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

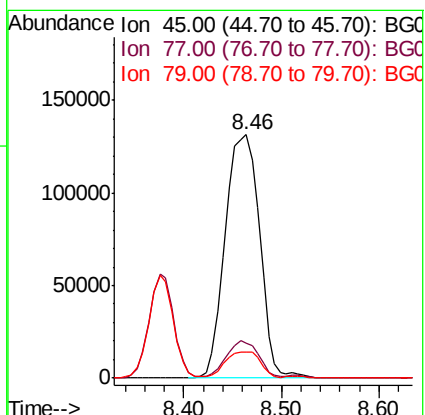
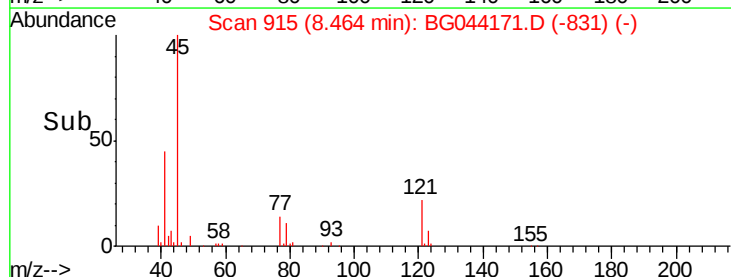
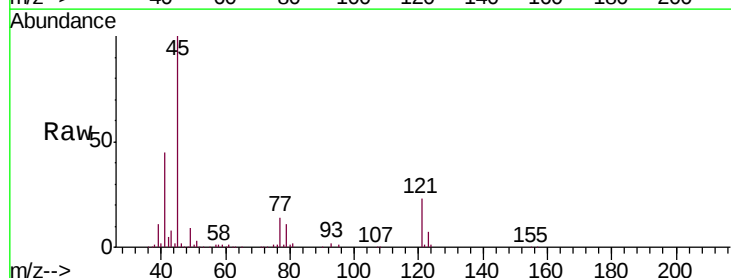
Tgt Ion: 45 Resp: 322538

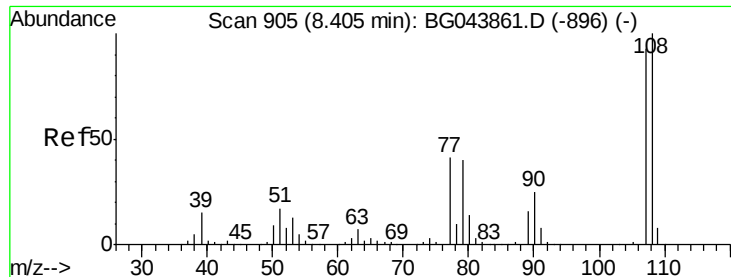
Ion Ratio Lower Upper

45 100

77 14.5 0.0 33.8

79 10.7 0.0 31.0

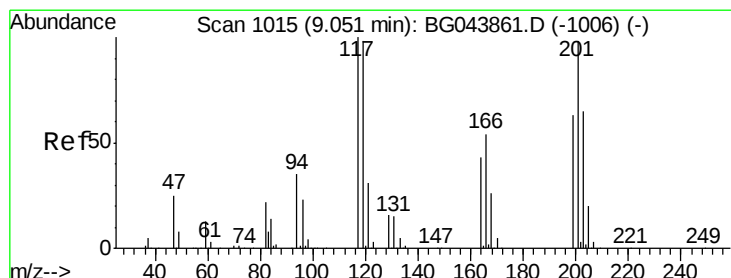
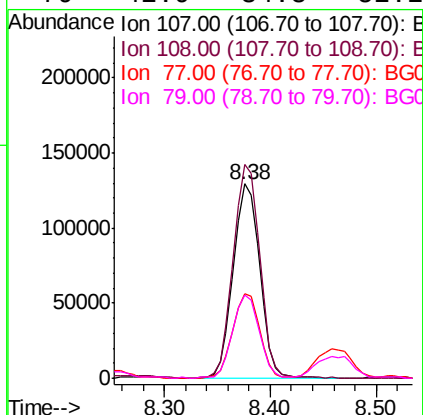
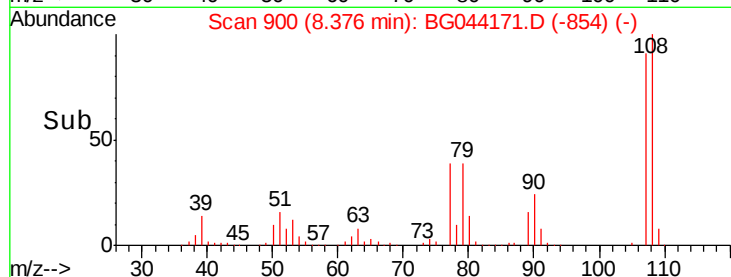
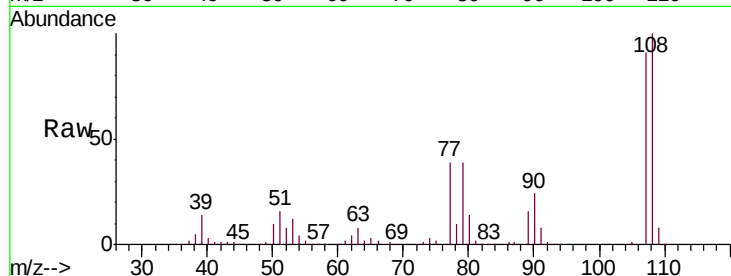




#17
2-Methylphenol
Concen: 52.079 ng
RT: 8.38 min Scan# 900
Delta R.T. -0.03 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

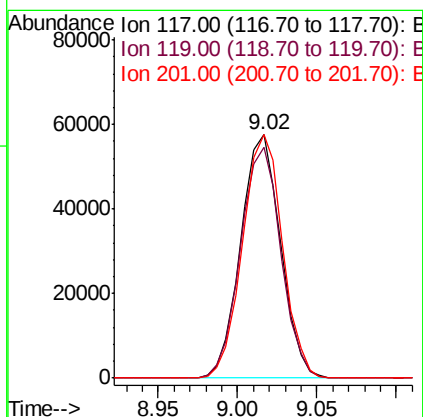
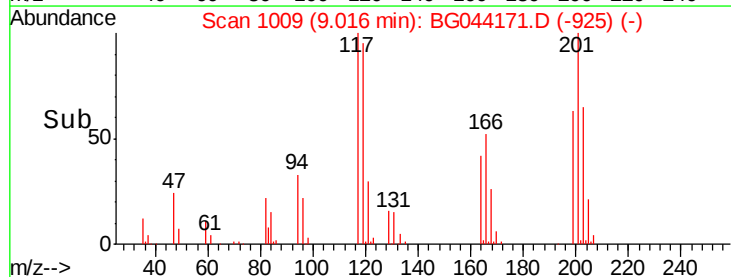
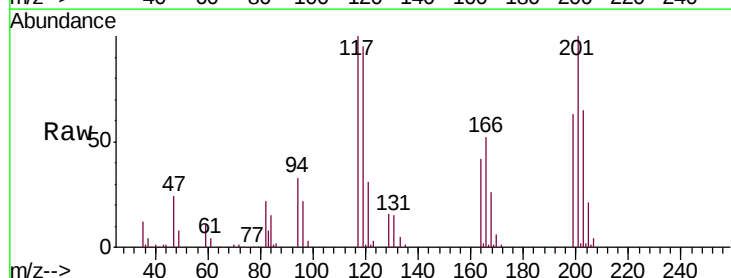
Instrument :
BNA_G
ClientSampleId :
PB126290BS

Tgt Ion:107 Resp: 224041
Ion Ratio Lower Upper
107 100
108 110.1 86.1 129.1
77 43.3 35.4 53.0
79 42.9 34.8 52.2



#18
Hexachloroethane
Concen: 46.204 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.04 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Tgt Ion:117 Resp: 100593
Ion Ratio Lower Upper
117 100
119 94.9 78.1 117.1
201 99.8 78.6 117.8

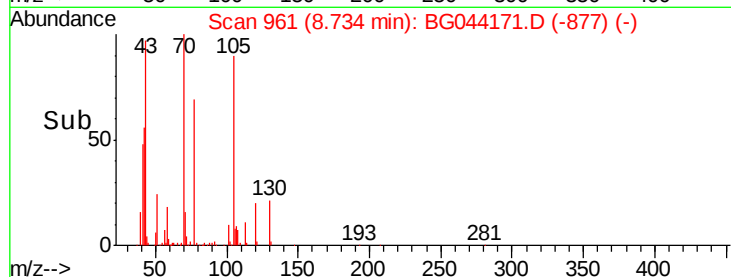
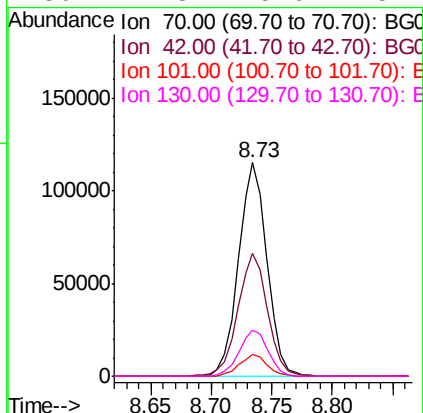
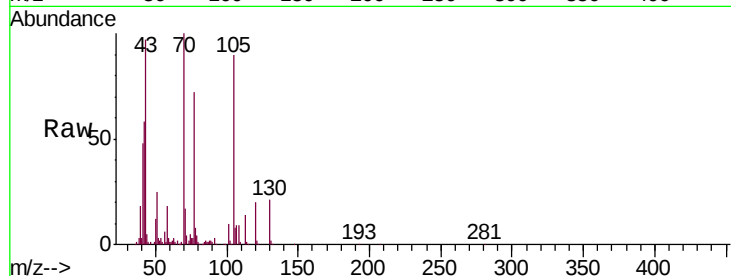




#19
n-Nitroso-di-n-propylamine
Concen: 43.799 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.04 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

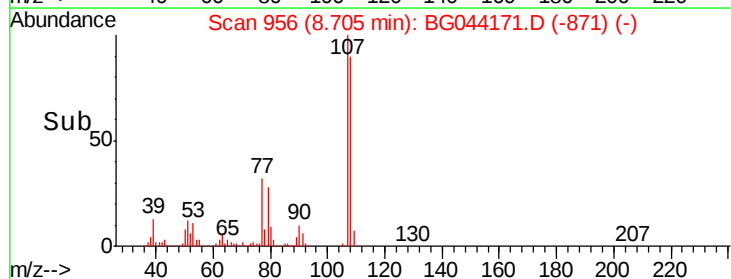
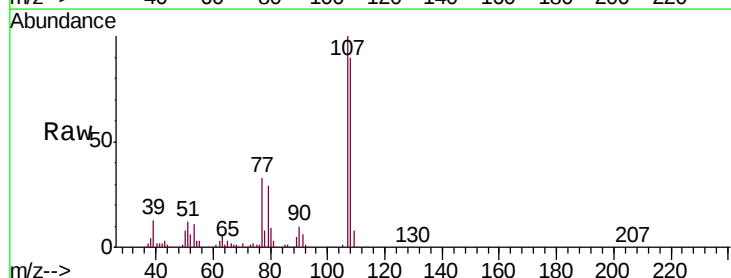
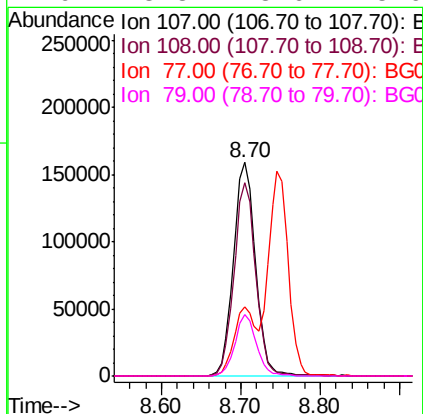
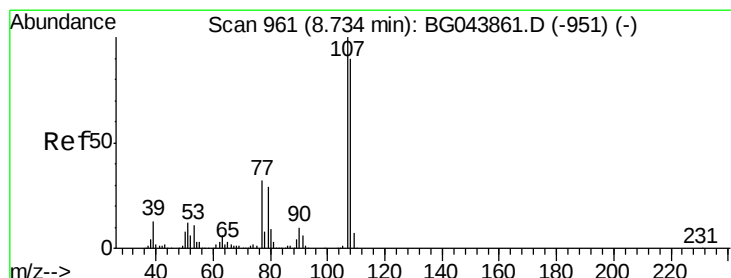
Instrument :
BNA_G
ClientSampleId :
PB126290BS

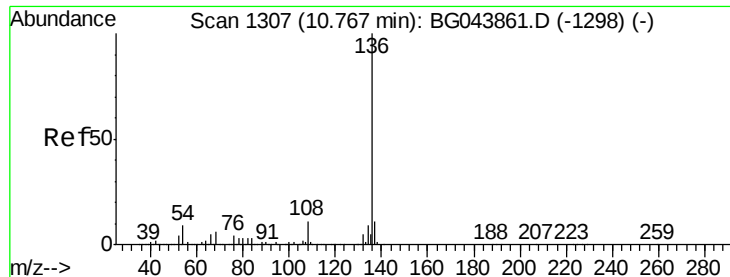
Tgt Ion:	70	Resp:	188200
Ion	Ratio	Lower	Upper
70	100		
42	57.8	47.0	70.4
101	10.3	7.2	10.8
130	21.3	15.6	23.4



#20
3+4-Methylphenols
Concen: 51.126 ng
RT: 8.70 min Scan# 956
Delta R.T. -0.03 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Tgt Ion:	107	Resp:	306823
Ion	Ratio	Lower	Upper
107	100		
108	90.2	70.3	110.3
77	32.6	12.4	52.4
79	28.8	8.6	48.6

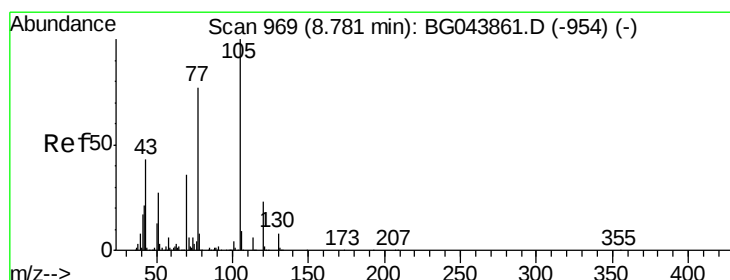
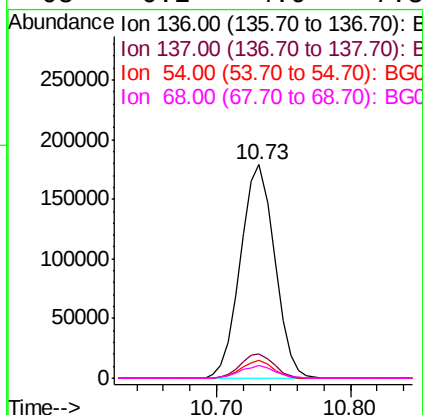
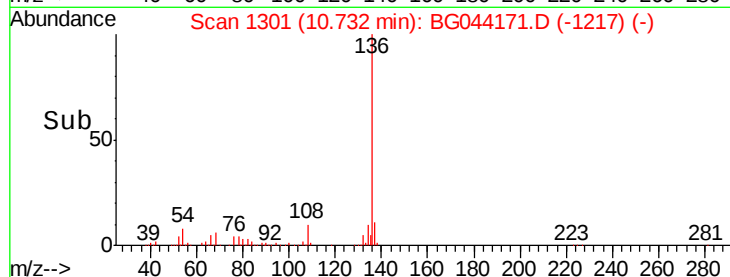
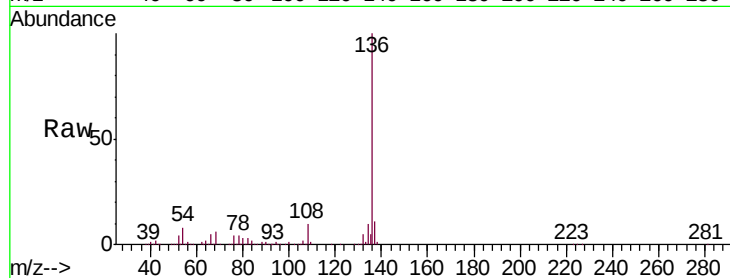




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

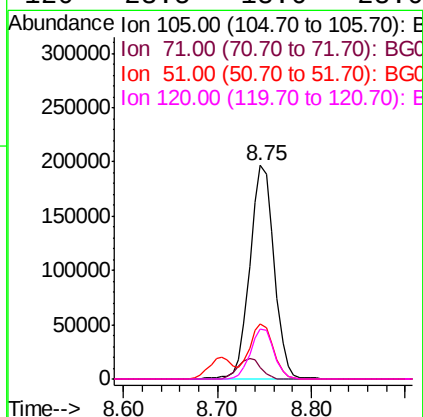
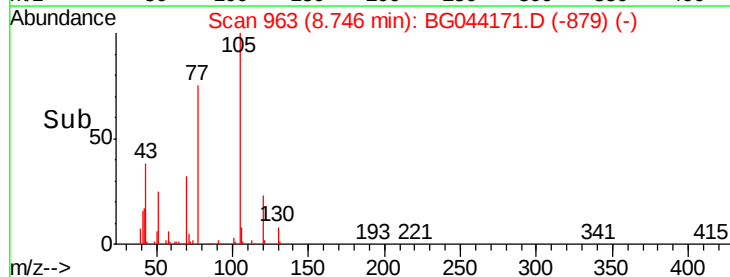
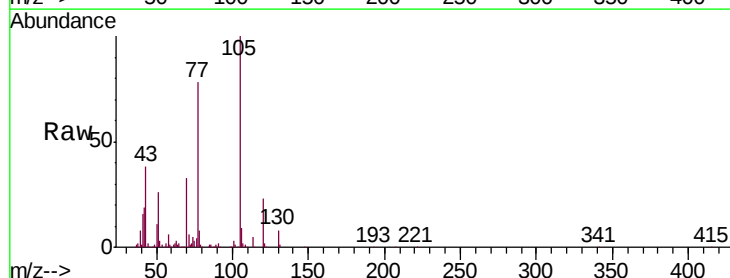
Instrument :
BNA_G
ClientSampleId :
PB126290BS

Tgt Ion:	136	Resp:	317287
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	8.2	7.0	10.4
68	6.2	4.9	7.3



#22
Acetophenone
Concen: 44.650 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.04 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Tgt Ion:	105	Resp:	352203
Ion	Ratio	Lower	Upper
105	100		
71	5.7	4.8	7.2
51	25.9	21.4	32.0
120	23.5	18.6	28.0

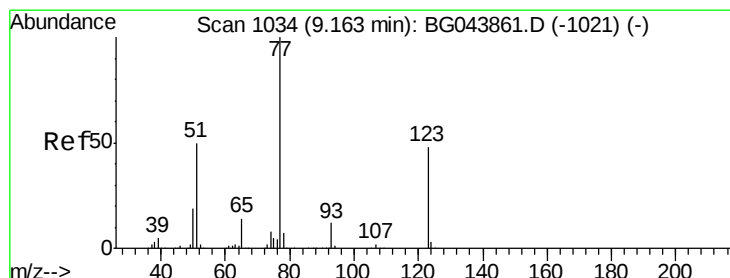
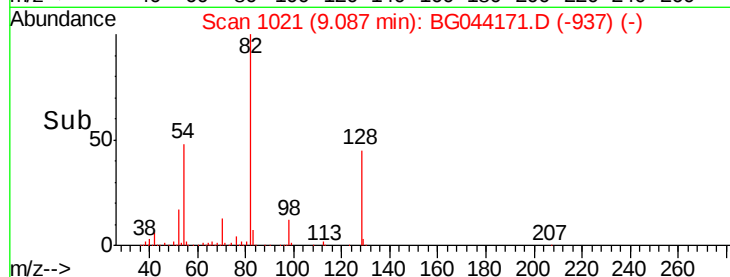
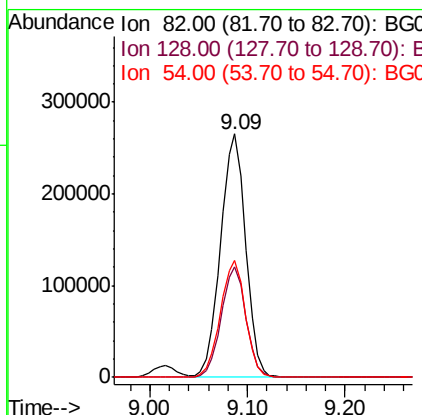
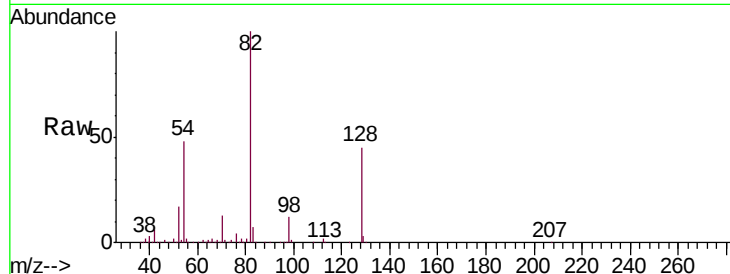




#23
 Nitrobenzene-d5
 Concen: 79.754 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.04 min
 Lab File: BG044171.D
 Acq: 23 Jan 2020 17:36

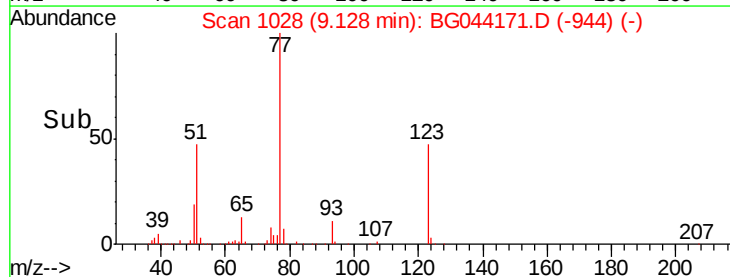
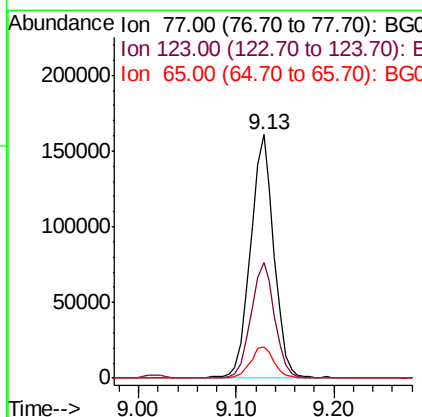
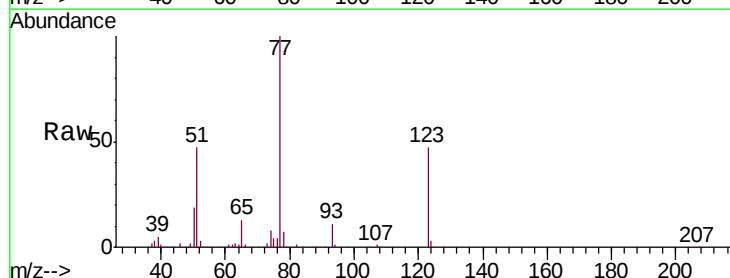
Instrument :
 BNA_G
 ClientSampleId :
 PB126290BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.1	52.7
54	47.9	40.1	60.1



#24
 Nitrobenzene
 Concen: 46.023 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.04 min
 Lab File: BG044171.D
 Acq: 23 Jan 2020 17:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.3	38.7	58.1
65	12.6	11.1	16.7





#25

Isophorone

Concen: 46.275 ng

RT: 9.65 min Scan# 1117

Delta R.T. -0.04 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

Instrument :

BNA_G

ClientSampleId :

PB126290BS

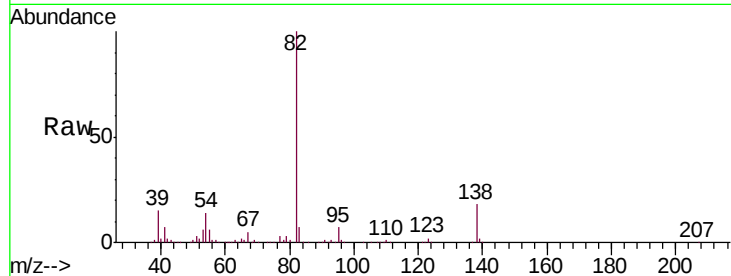
Tgt Ion: 82 Resp: 514910

Ion Ratio Lower Upper

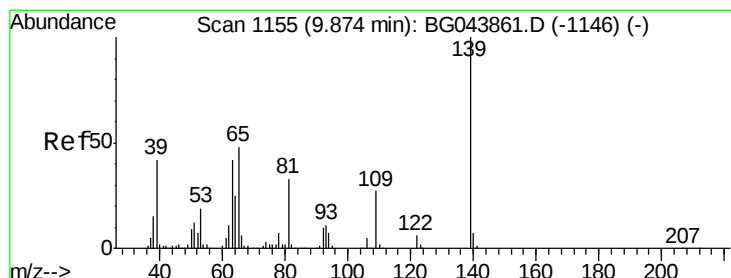
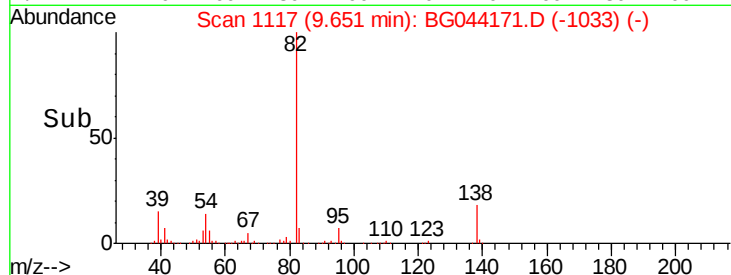
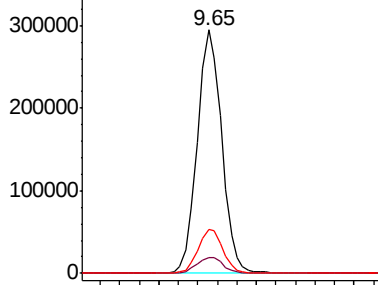
82 100

95 6.7 5.8 8.6

138 18.2 14.6 22.0



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



#26

2-Nitrophenol

Concen: 52.930 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.04 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

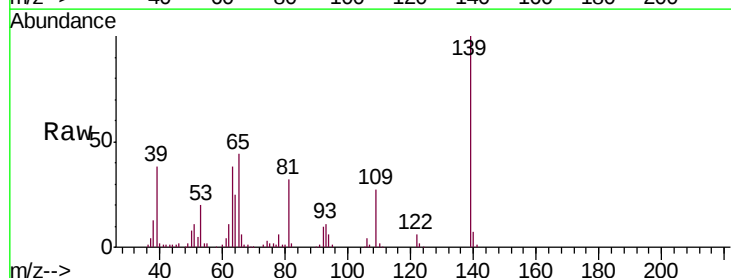
Tgt Ion: 139 Resp: 147103

Ion Ratio Lower Upper

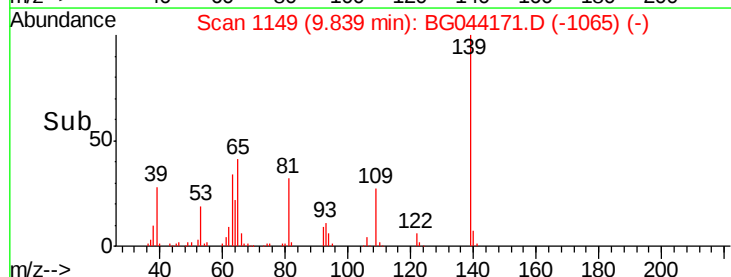
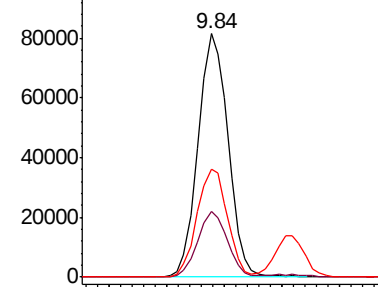
139 100

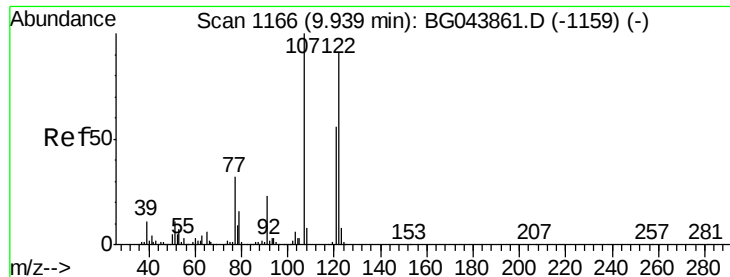
109 27.1 21.3 31.9

65 44.3 38.6 57.8



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

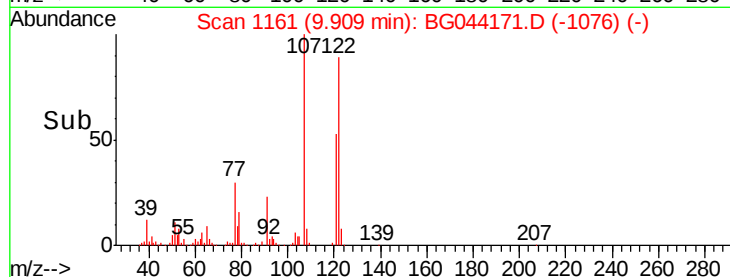
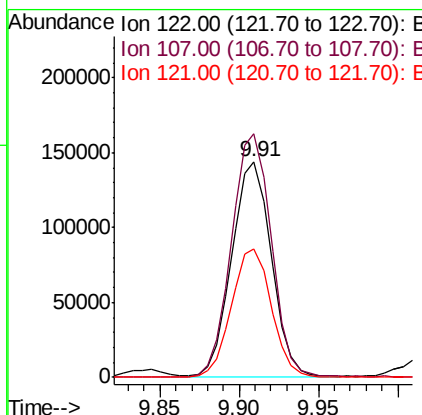
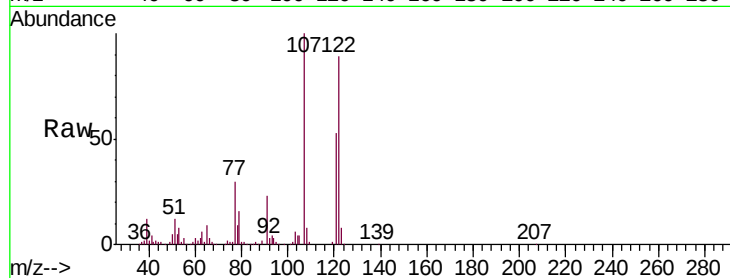




#27
2,4-Dimethylphenol
Concen: 59.365 ng
RT: 9.91 min Scan# 1161
Delta R.T. -0.03 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

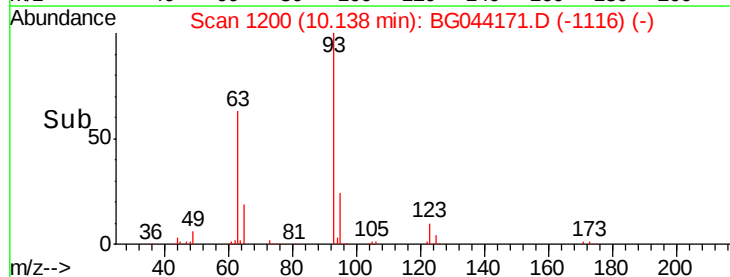
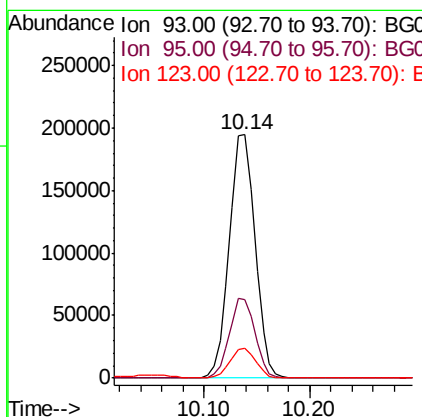
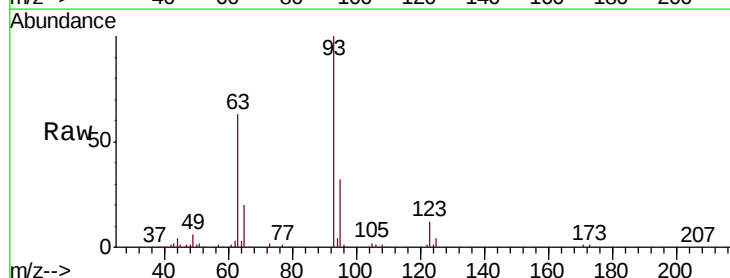
Instrument :
BNA_G
ClientSampleId :
PB126290BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	112.7	88.0	132.0
121	59.7	49.0	73.4



#28
bis(2-Chloroethoxy)methane
Concen: 44.340 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.04 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	27.2	40.8
123	12.1	9.7	14.5

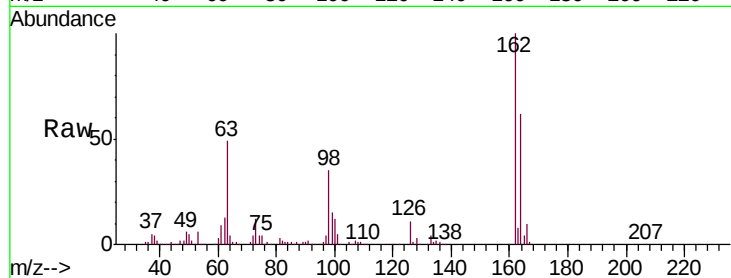




#29
2,4-Dichlorophenol
Concen: 51.693 ng
RT: 10.38 min Scan# 1241
Delta R.T. -0.03 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Instrument :
BNA_G
ClientSampleId :
PB126290BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.2	46.3	86.3
98	35.0	17.3	57.3

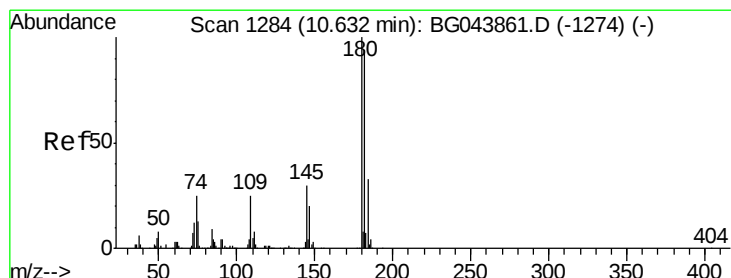
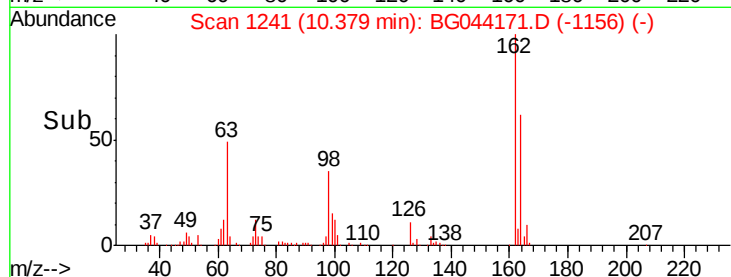
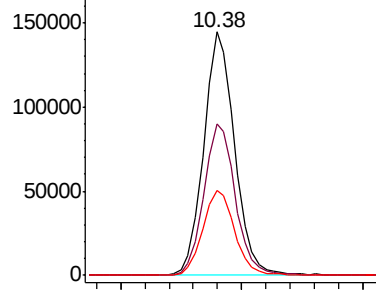


Abundance

Ion 162.00 (161.70 to 162.70): E

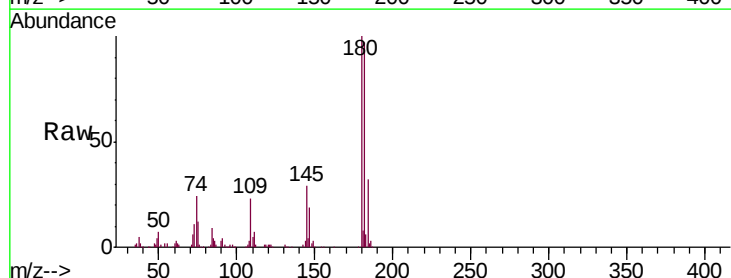
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 45.883 ng
RT: 10.60 min Scan# 1278
Delta R.T. -0.04 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	75.0	112.4
145	29.3	24.2	36.4

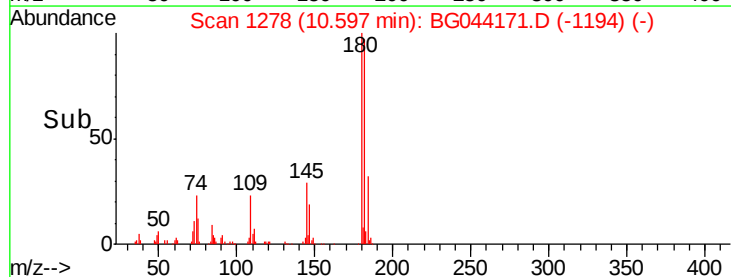
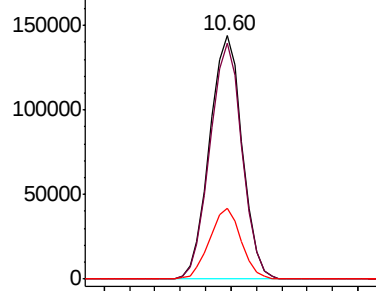


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

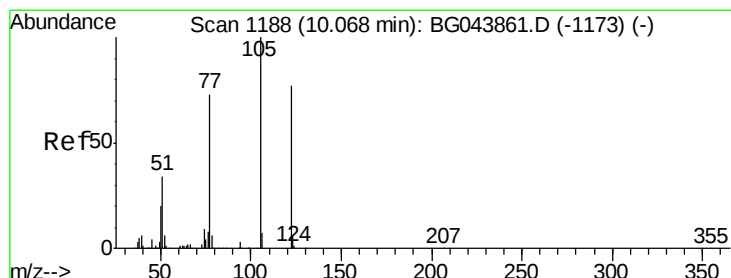
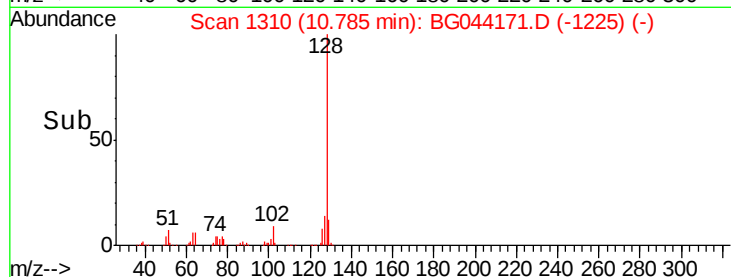
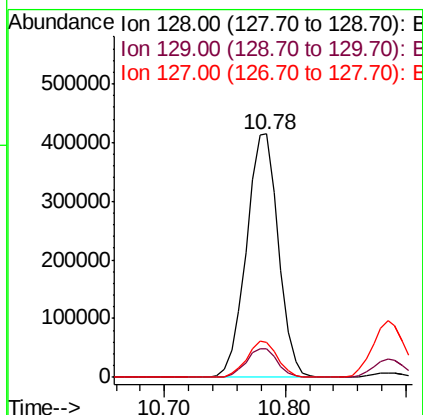
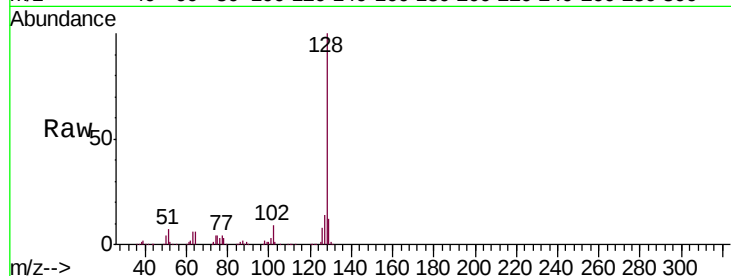




#31
Naphthalene
Concen: 49.700 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

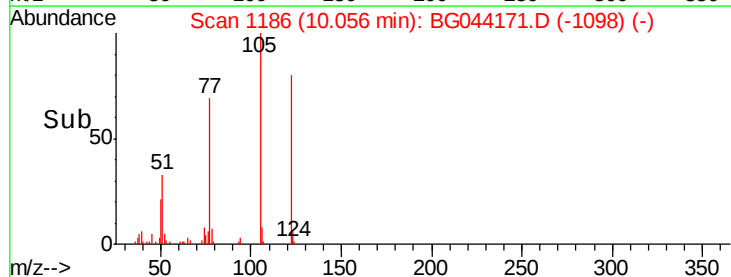
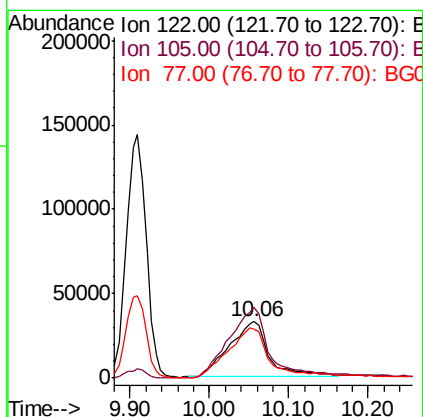
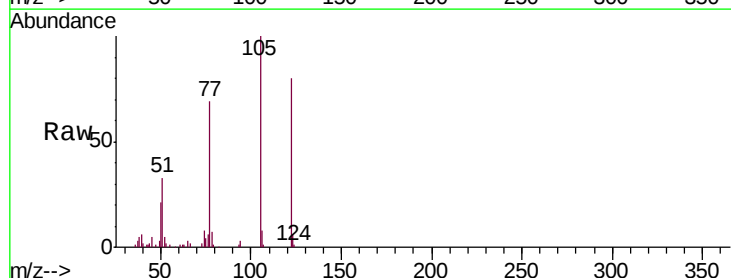
Instrument :
BNA_G
ClientSampleId :
PB126290BS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.8	14.6
127	14.3	12.0	18.0



#32
Benzoic acid
Concen: 35.740 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.8	106.4	146.4
77	86.5	74.6	114.6

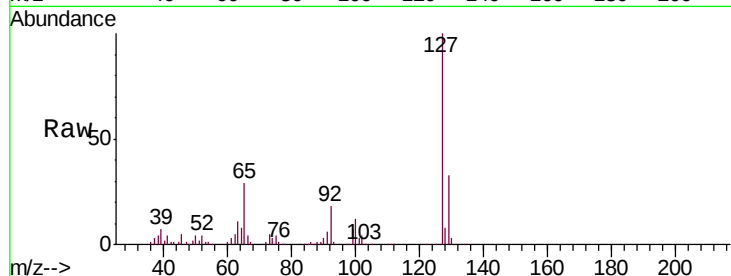




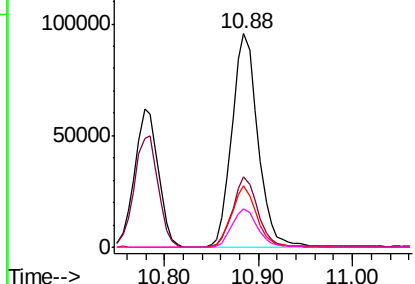
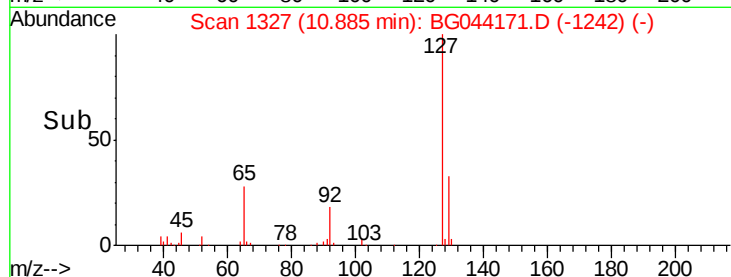
#33
4-Chloroaniline
Concen: 25.282 ng
RT: 10.88 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Instrument :
BNA_G
ClientSampleId :
PB126290BS

Tgt Ion:	127	Resp:	185149
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.6	40.0
65	28.9	23.3	34.9
92	18.2	14.7	22.1

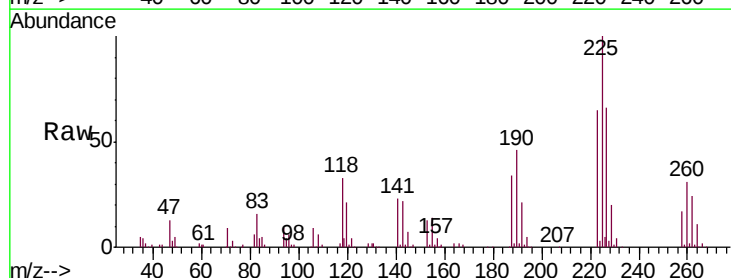


Abundance Ion 127.00 (126.70 to 127.70): E
150000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

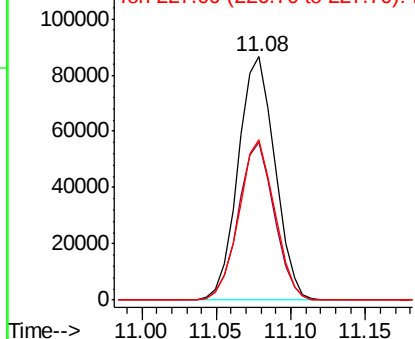
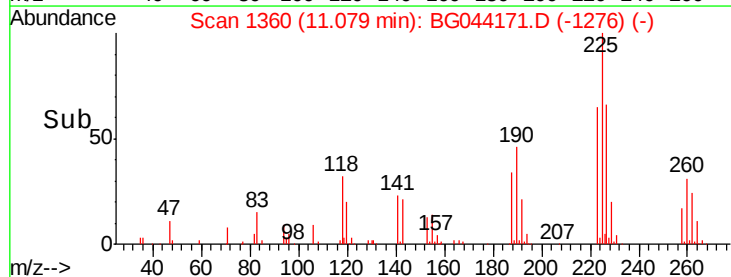


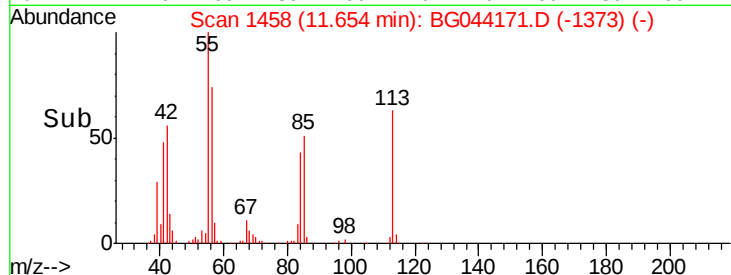
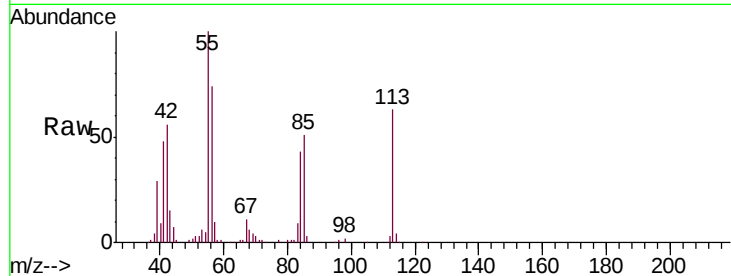
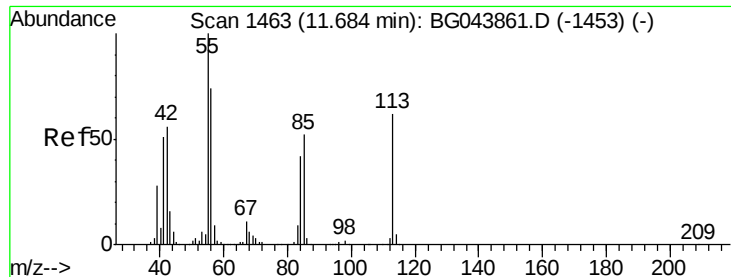
#34
Hexachlorobutadiene
Concen: 43.242 ng
RT: 11.08 min Scan# 1360
Delta R.T. -0.04 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Tgt Ion:	225	Resp:	147725
Ion	Ratio	Lower	Upper
225	100		
223	64.8	52.2	78.4
227	66.0	52.1	78.1



Abundance Ion 225.00 (224.70 to 225.70): E
120000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

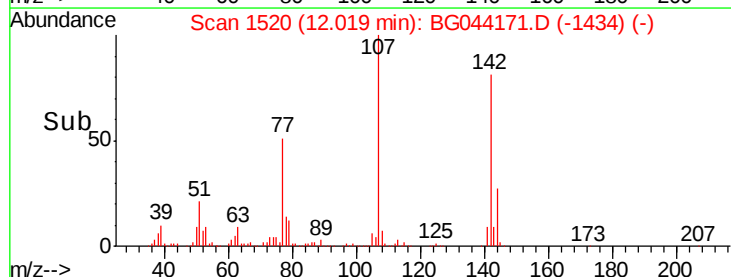
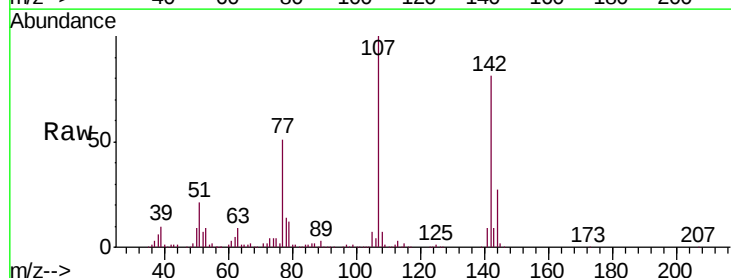
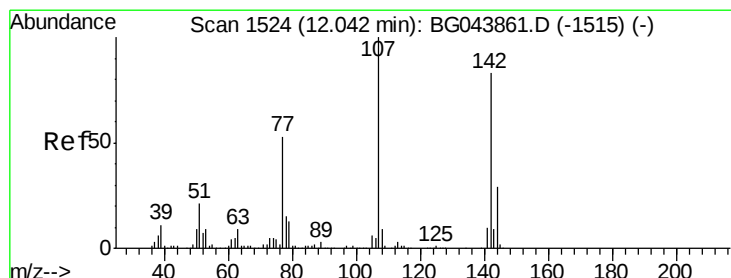
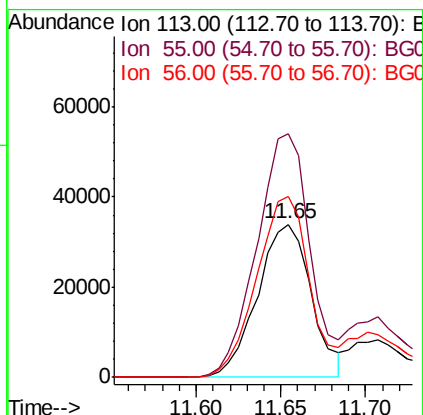




#35
Caprolactam
Concen: 40.118 ng
RT: 11.65 min Scan# 1458
Delta R.T. -0.03 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

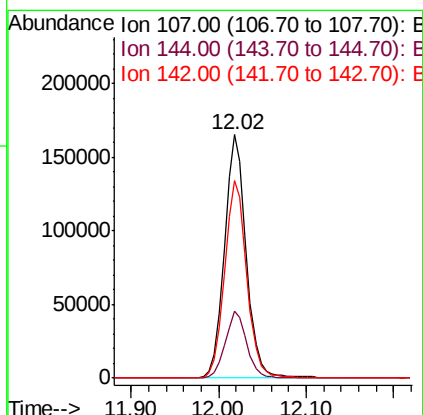
Instrument :
BNA_G
ClientSampleId :
PB126290BS

Tgt Ion:113 Resp: 74528
Ion Ratio Lower Upper
113 100
55 158.9 142.5 182.5
56 118.1 101.4 141.4



#36
4-Chloro-3-methylphenol
Concen: 53.273 ng
RT: 12.02 min Scan# 1520
Delta R.T. -0.02 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Tgt Ion:107 Resp: 283008
Ion Ratio Lower Upper
107 100
144 27.4 23.4 35.2
142 81.1 66.3 99.5





#37

2-Methylnaphthalene

Concen: 49.596 ng

RT: 12.39 min Scan# 1583

Delta R.T. -0.04 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

Instrument :

BNA_G

ClientSampleId :

PB126290BS

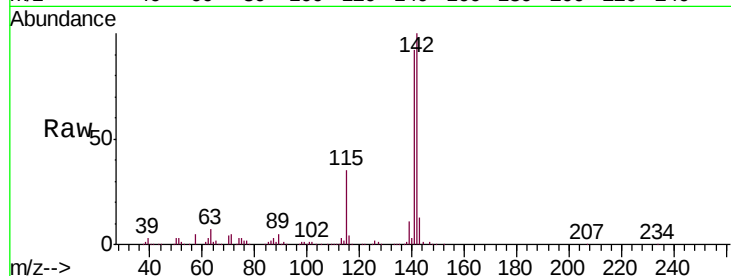
Tgt Ion:142 Resp: 573301

Ion Ratio Lower Upper

142 100

141 91.6 75.8 113.8

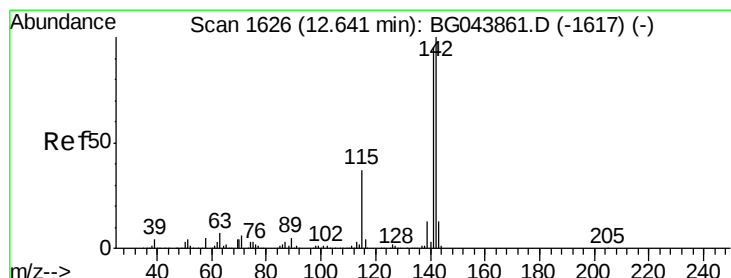
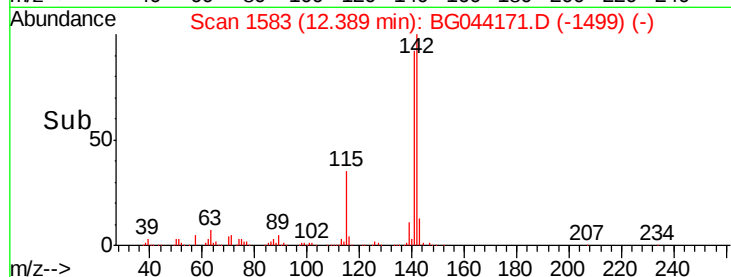
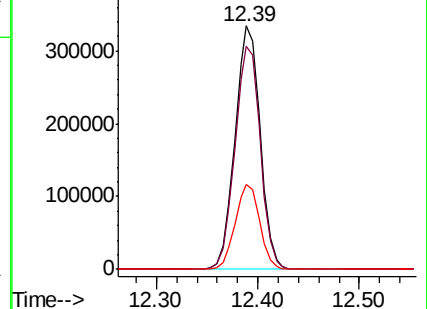
115 35.0 28.6 42.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 49.738 ng

RT: 12.61 min Scan# 1620

Delta R.T. -0.04 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

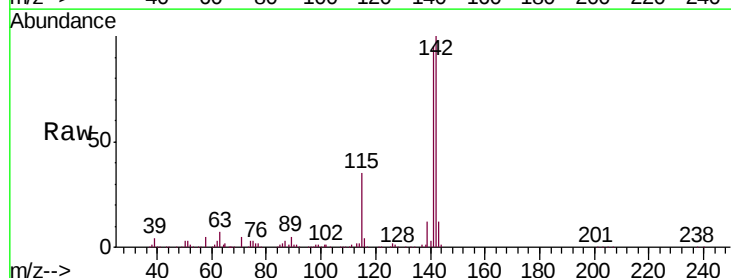
Tgt Ion:142 Resp: 544914

Ion Ratio Lower Upper

142 100

141 94.8 76.0 114.0

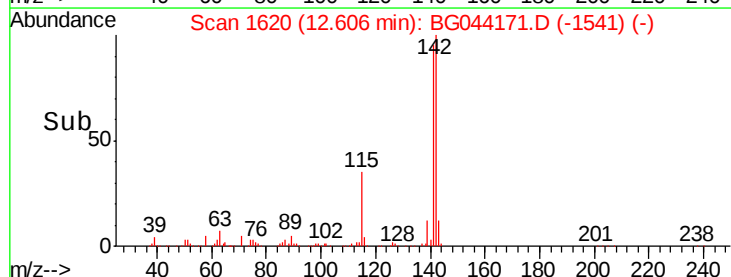
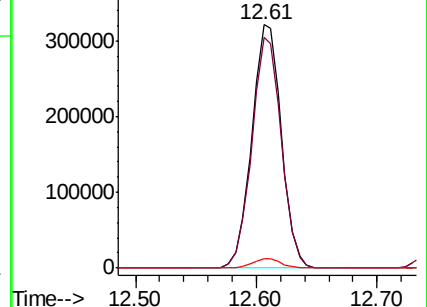
116 3.8 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.03 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

Instrument :

BNA_G

ClientSampleId :

PB126290BS

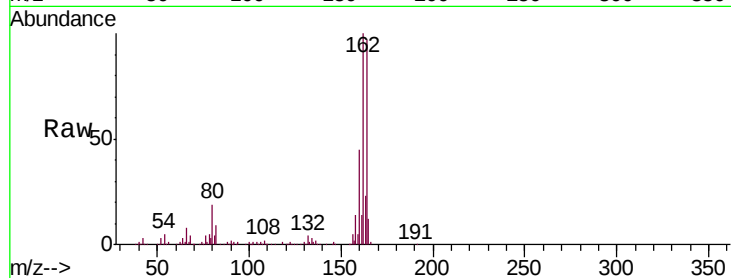
Tgt Ion:164 Resp: 214428

Ion Ratio Lower Upper

164 100

162 102.8 83.0 124.4

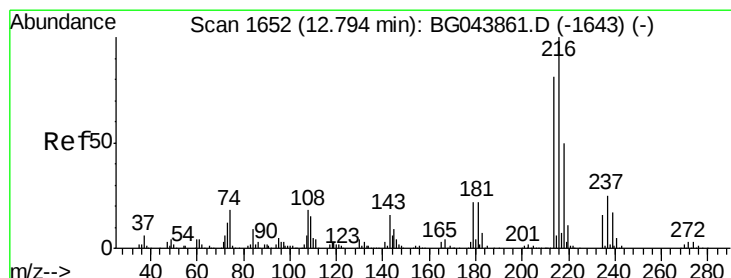
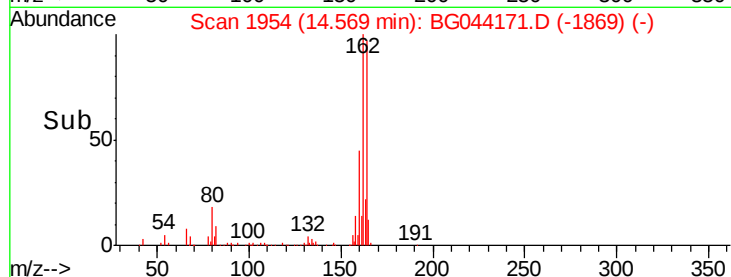
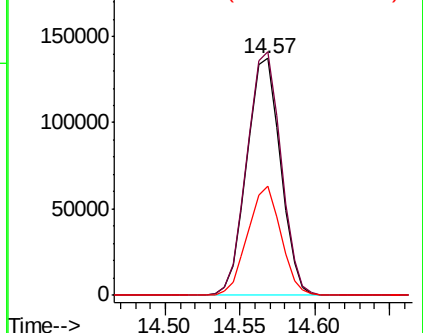
160 46.0 36.1 54.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.157 ng

RT: 12.76 min Scan# 1647

Delta R.T. -0.03 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

Tgt Ion:216 Resp: 271238

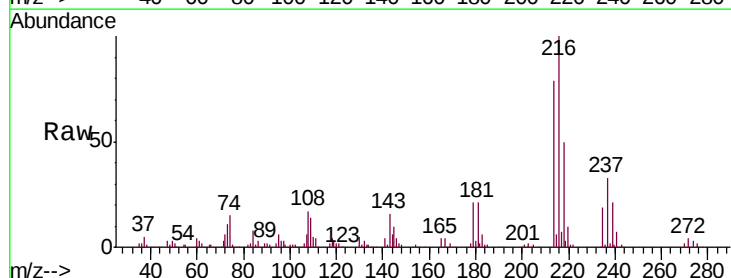
Ion Ratio Lower Upper

216 100

214 78.4 63.8 95.8

179 21.2 17.3 25.9

108 20.6 15.3 22.9

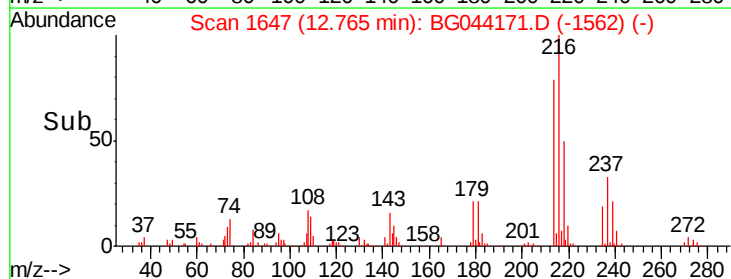
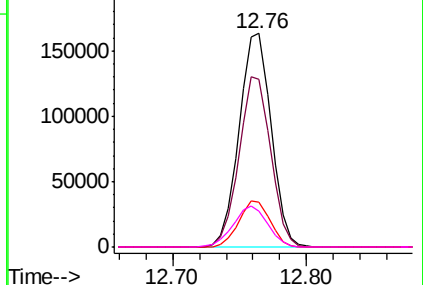


Abundance Ion 216.00 (215.70 to 216.70): E

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: 110.104 ng

RT: 12.75 min Scan# 1644

Delta R.T. -0.04 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

Instrument :

BNA_G

ClientSampleId :

PB126290BS

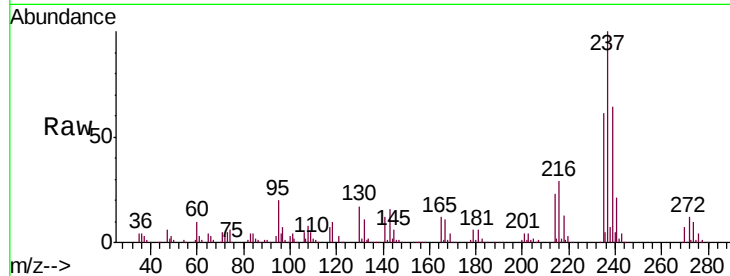
Tgt Ion:237 Resp: 358754

Ion Ratio Lower Upper

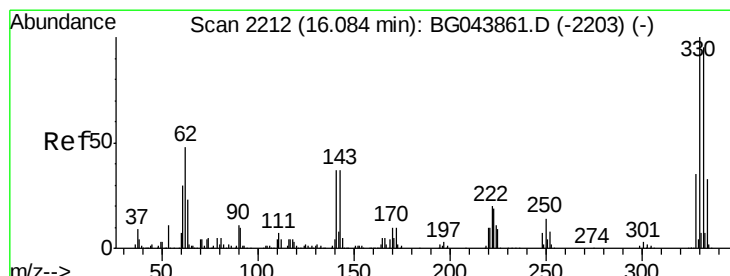
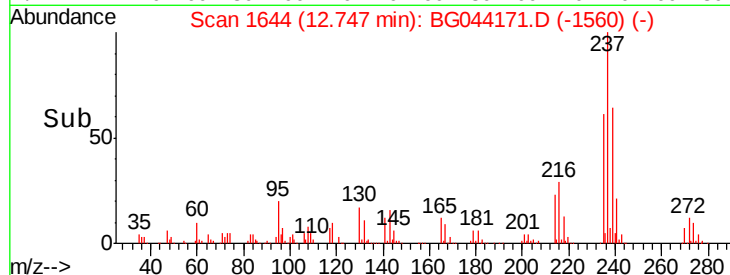
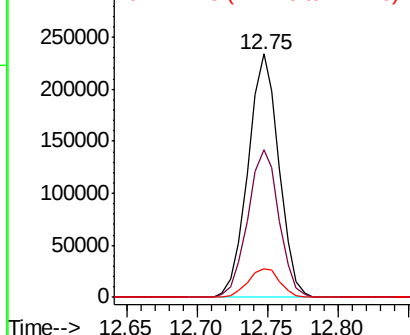
237 100

235 60.8 41.1 81.1

272 12.0 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: 96.968 ng

RT: 16.06 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

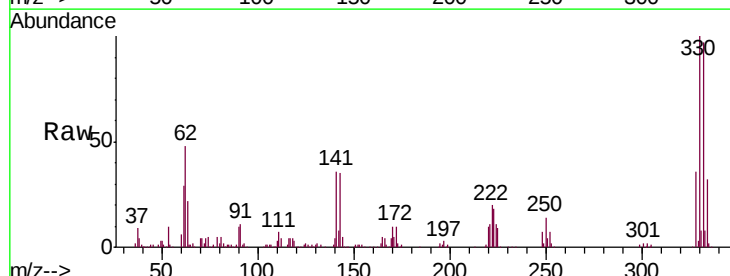
Tgt Ion:330 Resp: 217590

Ion Ratio Lower Upper

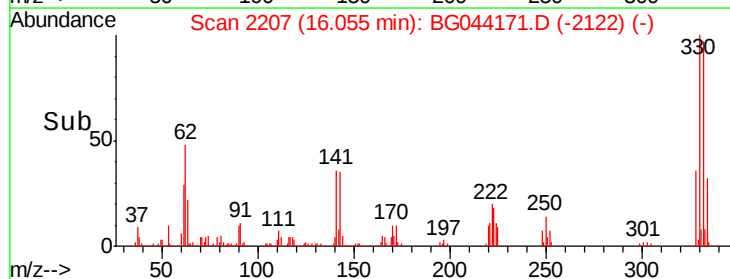
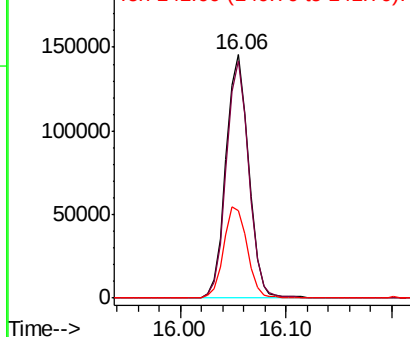
330 100

332 95.7 77.2 115.8

141 38.7 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

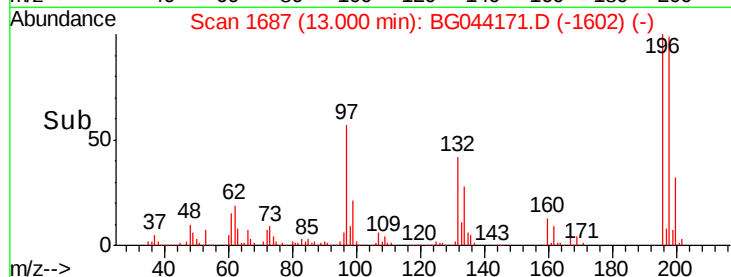
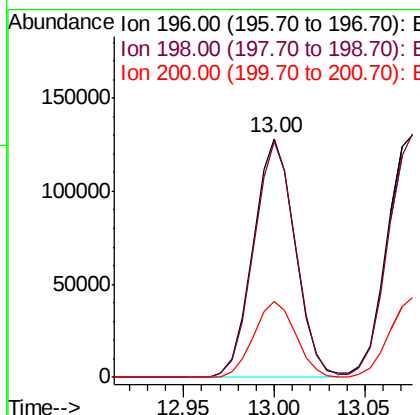
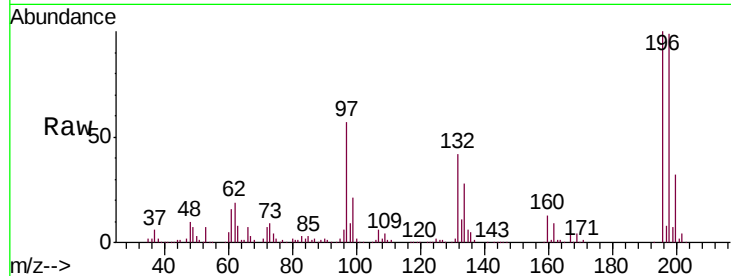




#43
 2,4,6-Trichlorophenol
 Concen: 47.512 ng
 RT: 13.00 min Scan# 1687
 Delta R.T. -0.03 min
 Lab File: BG044171.D
 Acq: 23 Jan 2020 17:36

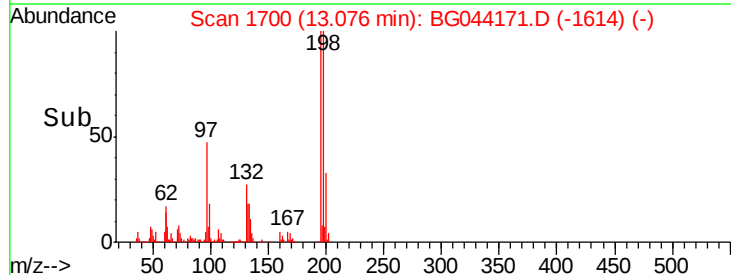
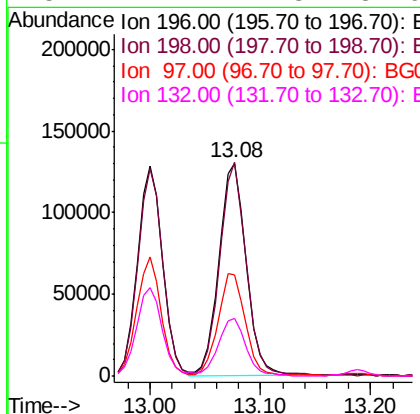
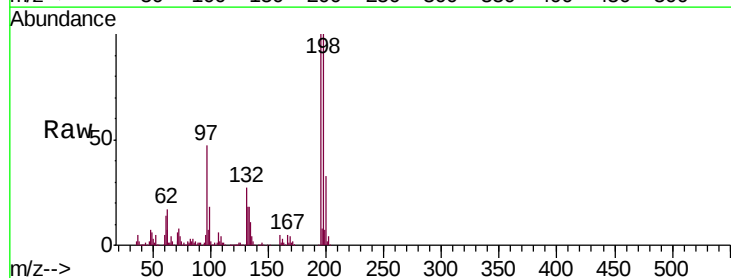
Instrument :
 BNA_G
 ClientSampleId :
 PB126290BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.8	76.6	115.0
200	32.0	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 50.341 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG044171.D
 Acq: 23 Jan 2020 17:36

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.2	78.3	117.5
97	47.3	38.8	58.2
132	27.1	21.3	31.9

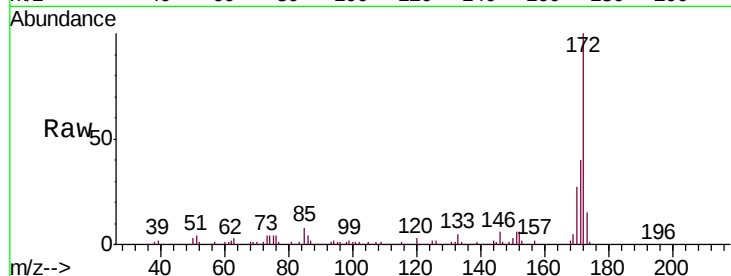




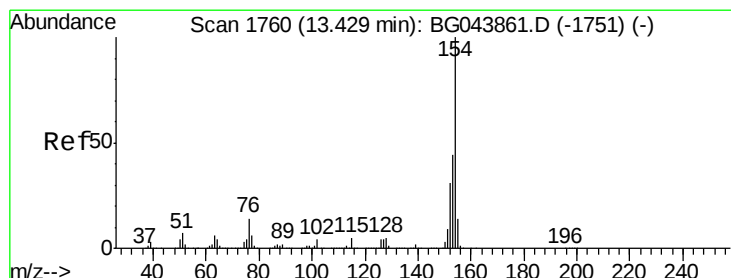
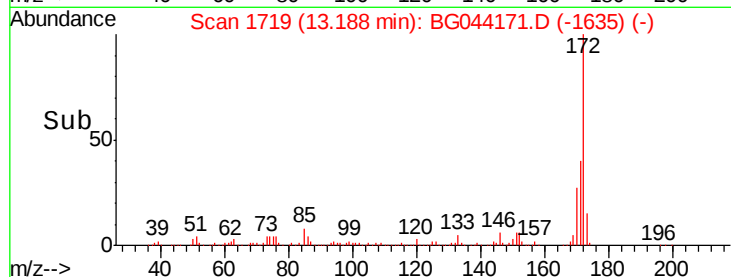
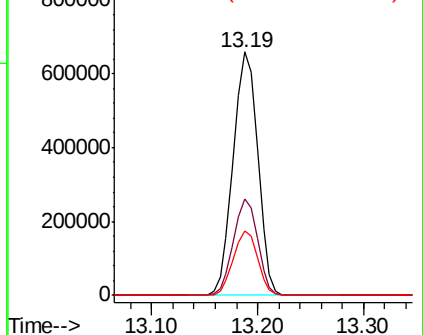
#45
 2-Fluorobiphenyl
 Concen: 89.378 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.04 min
 Lab File: BG044171.D
 Acq: 23 Jan 2020 17:36

Instrument :
 BNA_G
 ClientSampleId :
 PB126290BS

Tgt Ion:172 Resp: 1057819
 Ion Ratio Lower Upper
 172 100
 171 39.9 35.8 53.8
 170 26.7 24.2 36.4

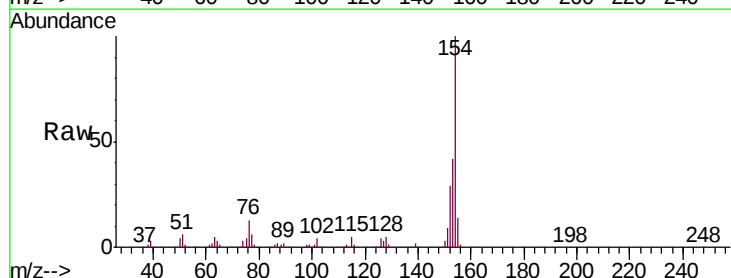


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

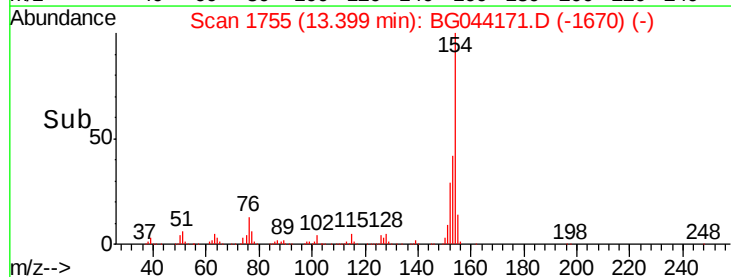
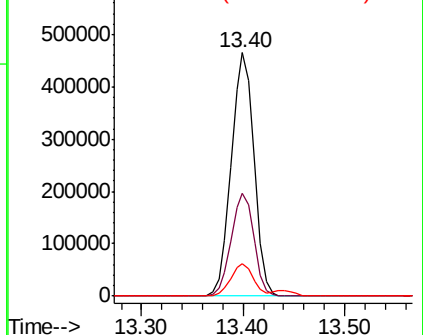


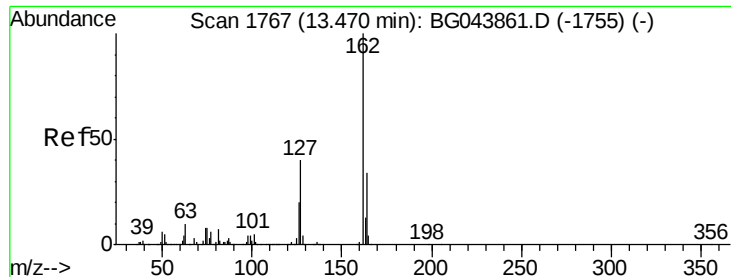
#46
 1,1'-Biphenyl
 Concen: 46.901 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.03 min
 Lab File: BG044171.D
 Acq: 23 Jan 2020 17:36

Tgt Ion:154 Resp: 721061
 Ion Ratio Lower Upper
 154 100
 153 42.4 23.6 63.6
 76 13.3 0.0 34.4



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

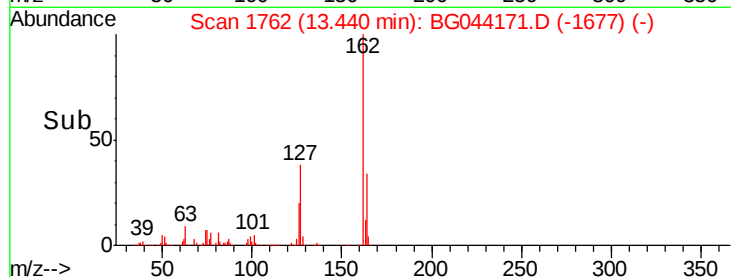
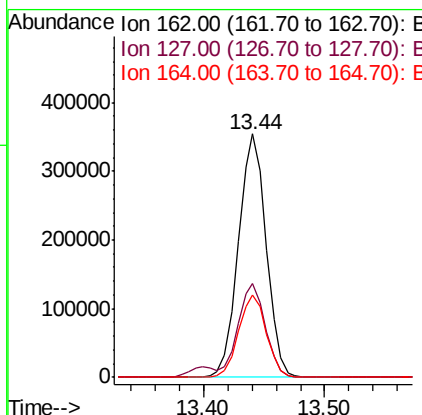
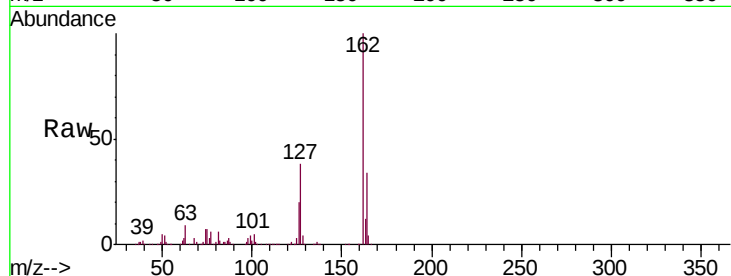




#47
2-Chloronaphthalene
Concen: 45.623 ng
RT: 13.44 min Scan# 1762
Delta R.T. -0.03 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

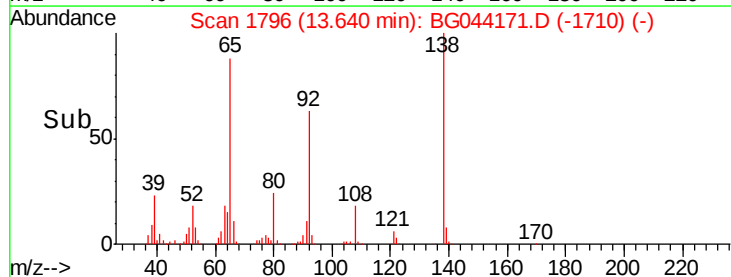
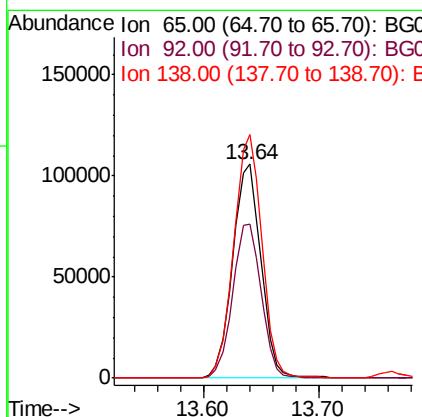
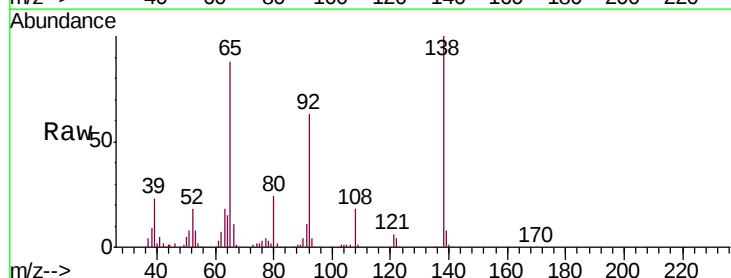
Instrument :
BNA_G
ClientSampleId :
PB126290BS

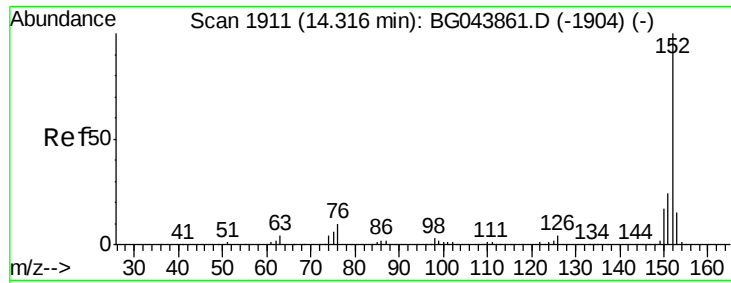
Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.3	32.1	48.1
164	34.0	27.5	41.3



#48
2-Nitroaniline
Concen: 44.952 ng
RT: 13.64 min Scan# 1796
Delta R.T. -0.02 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.1	57.4	86.2
138	114.0	88.2	132.4





#49

Acenaphthylene

Concen: 50.857 ng

RT: 14.29 min Scan# 1906

Delta R.T. -0.03 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

Instrument :

BNA_G

ClientSampleId :

PB126290BS

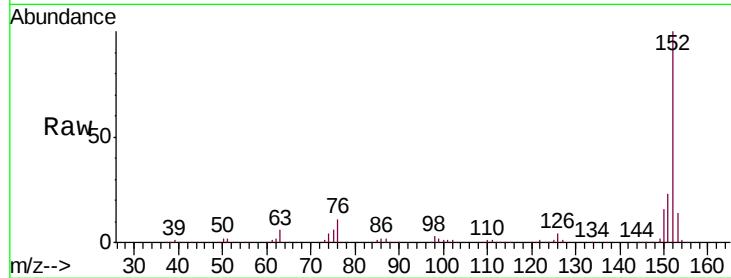
Tgt Ion:152 Resp: 908109

Ion Ratio Lower Upper

152 100

151 22.5 19.4 29.2

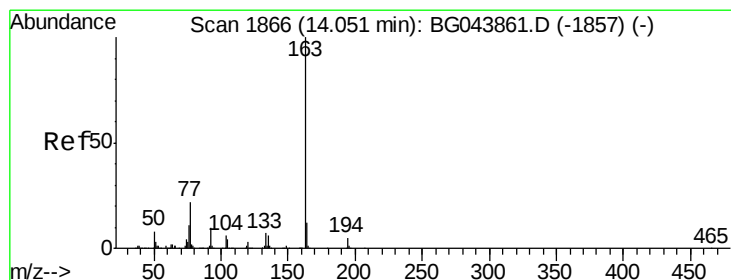
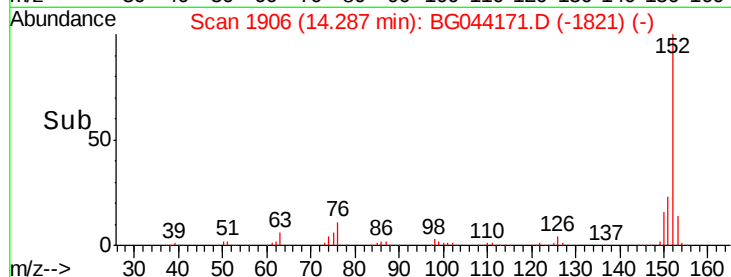
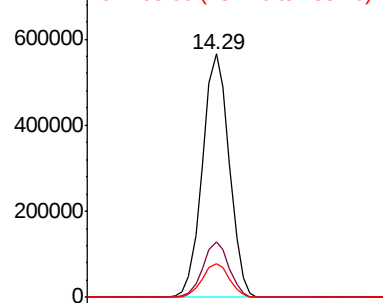
153 13.8 12.0 18.0



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: 48.009 ng

RT: 14.02 min Scan# 1861

Delta R.T. -0.03 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

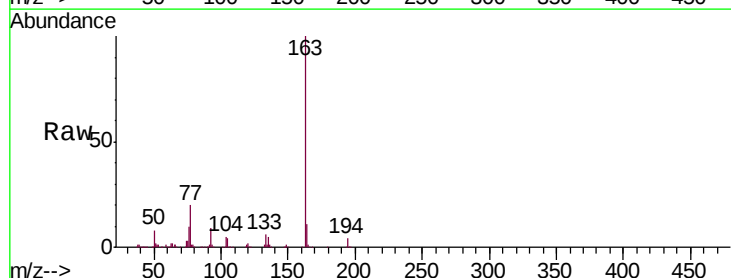
Tgt Ion:163 Resp: 730948

Ion Ratio Lower Upper

163 100

194 4.4 3.7 5.5

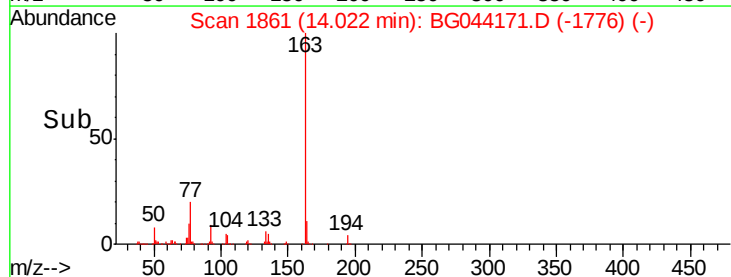
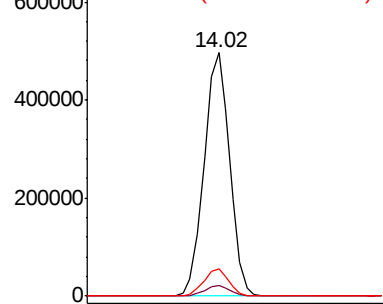
164 11.0 9.3 13.9



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: 48.104 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.03 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

Instrument :

BNA_G

ClientSampleId :

PB126290BS

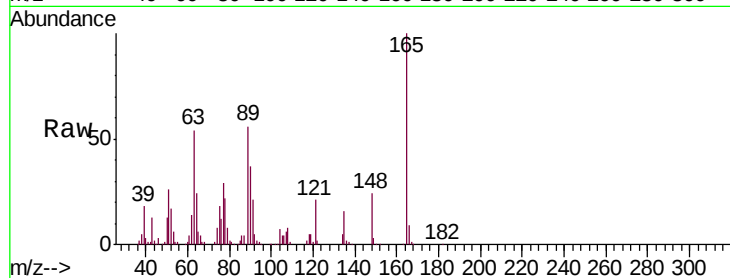
Tgt Ion:165 Resp: 165539

Ion Ratio Lower Upper

165 100

63 53.5 43.1 64.7

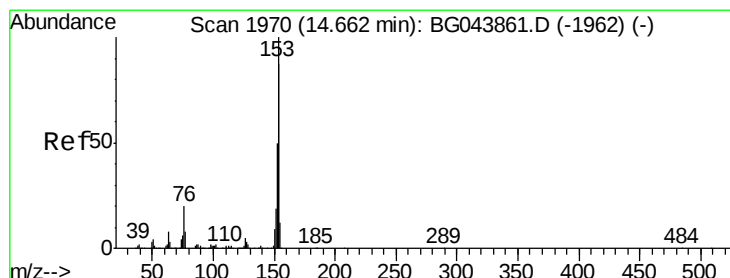
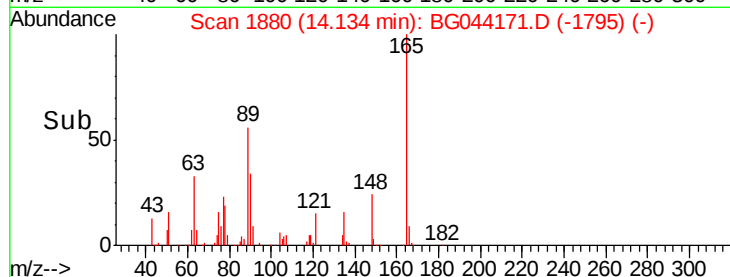
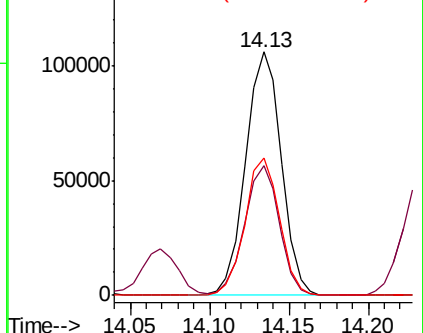
89 56.5 43.8 65.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 45.258 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.03 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

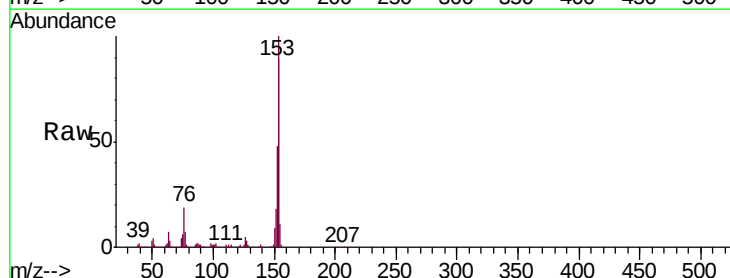
Tgt Ion:154 Resp: 566728

Ion Ratio Lower Upper

154 100

153 112.1 91.6 137.4

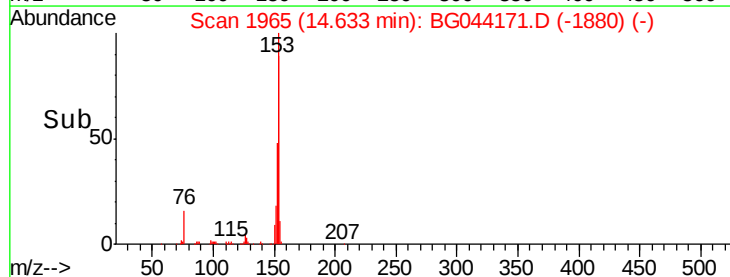
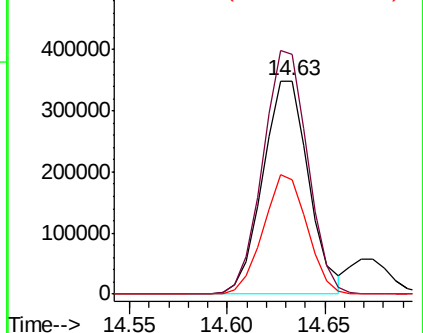
152 53.5 45.4 68.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

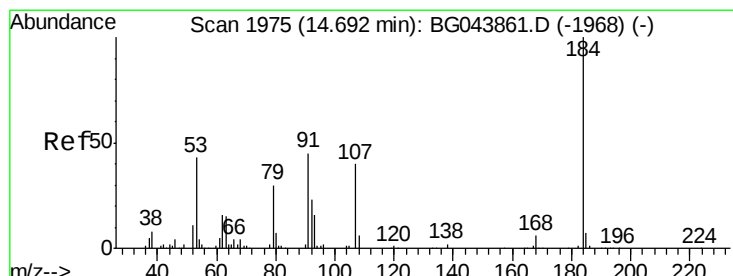
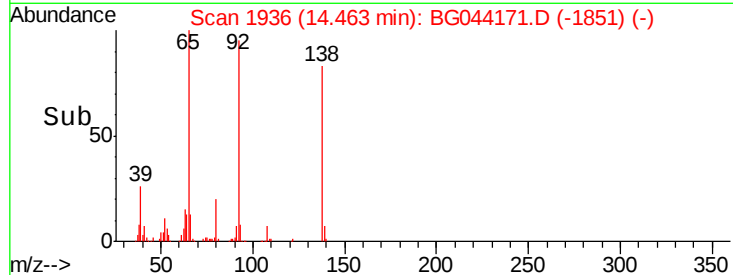
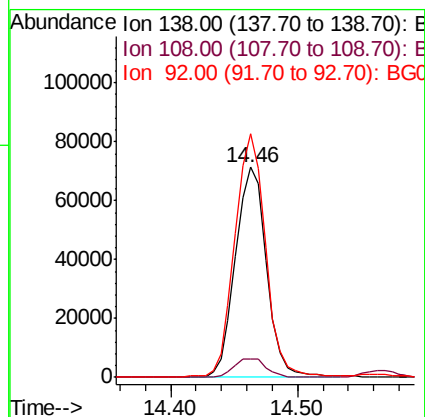
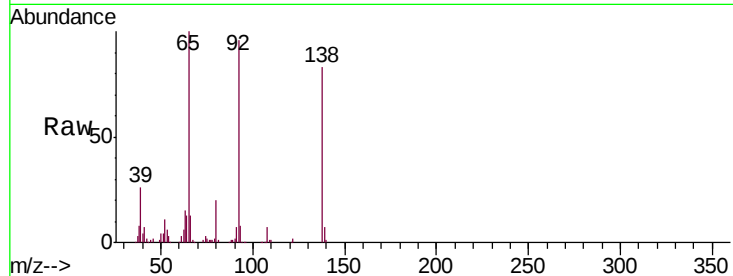




#53
3-Nitroaniline
Concen: 31.037 ng
RT: 14.46 min Scan# 1936
Delta R.T. -0.03 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

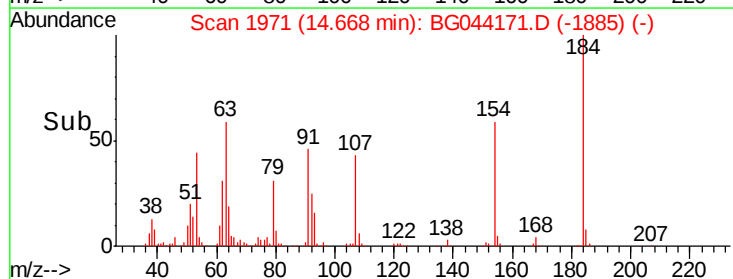
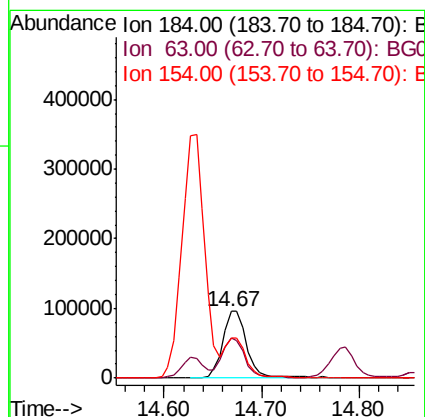
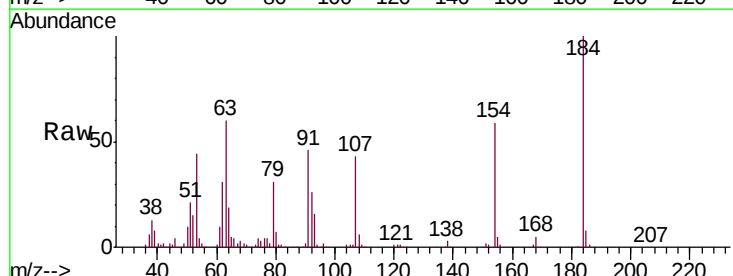
Instrument :
BNA_G
ClientSampleId :
PB126290BS

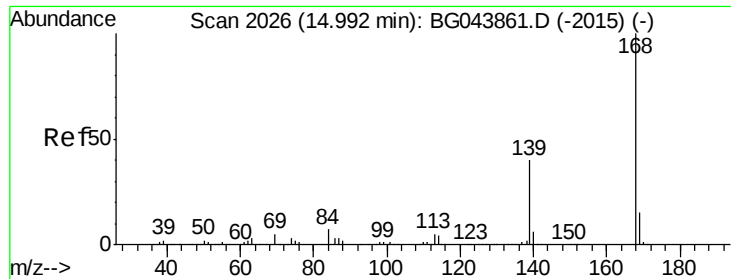
Tgt Ion:138 Resp: 121289
Ion Ratio Lower Upper
138 100
108 8.9 7.4 11.2
92 116.0 92.1 138.1



#54
2,4-Dinitrophenol
Concen: 94.036 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.02 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Tgt Ion:184 Resp: 166670
Ion Ratio Lower Upper
184 100
63 59.8 46.6 70.0
154 59.5 50.2 75.4

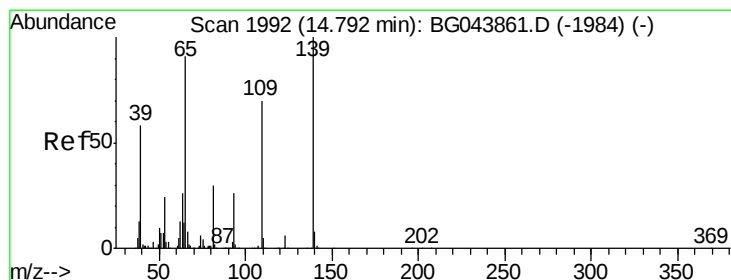
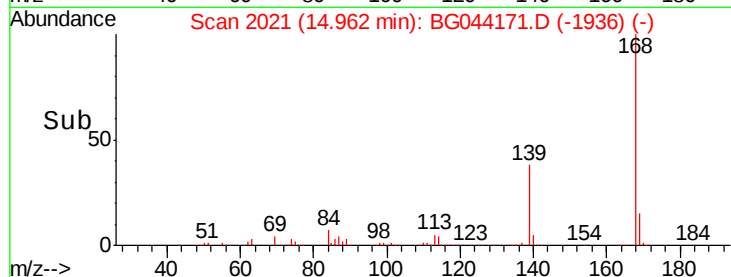
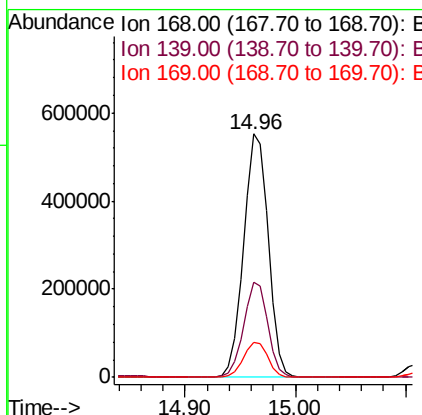
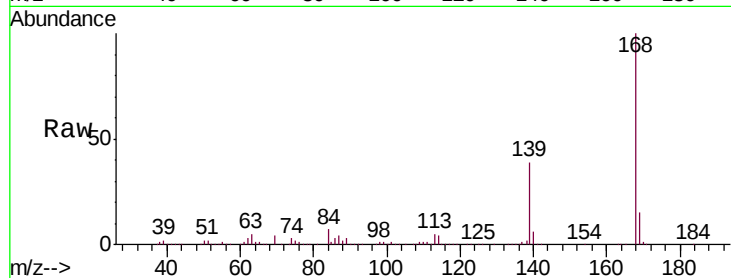




#55
Dibenzofuran
Concen: 50.237 ng
RT: 14.96 min Scan# 2021
Delta R.T. -0.03 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

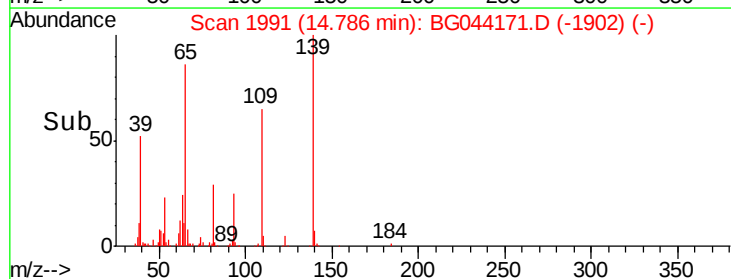
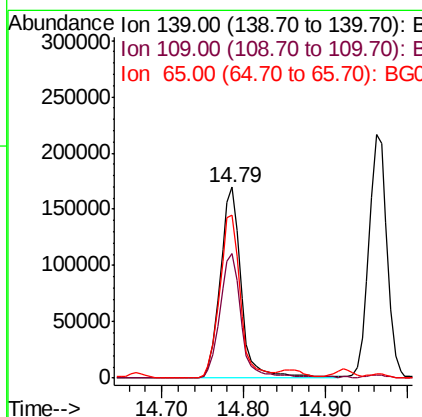
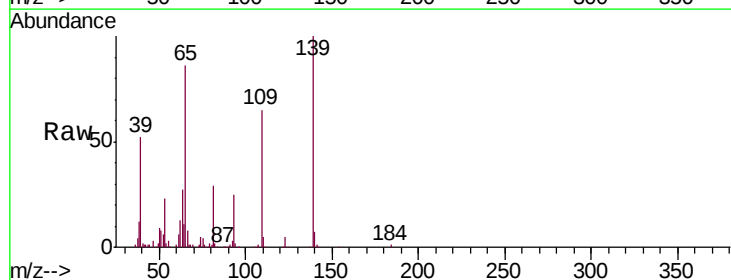
Instrument :
BNA_G
ClientSampleId :
PB126290BS

Tgt Ion:168 Resp: 865998
Ion Ratio Lower Upper
168 100
139 39.2 32.2 48.2
169 14.6 12.2 18.2



#56
4-Nitrophenol
Concen: 101.249 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Tgt Ion:139 Resp: 303201
Ion Ratio Lower Upper
139 100
109 65.2 50.4 90.4
65 85.6 71.4 111.4

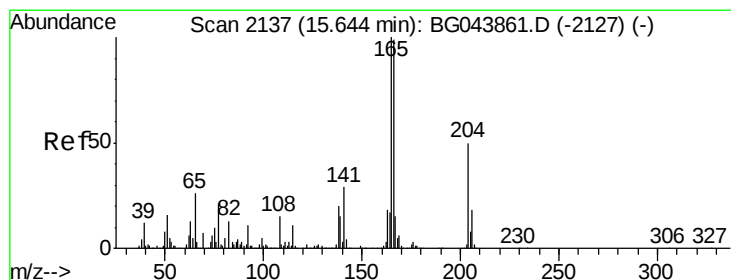
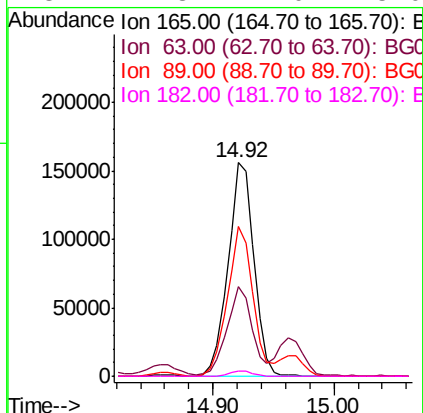
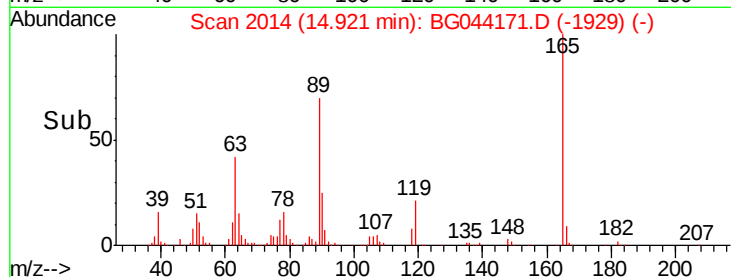
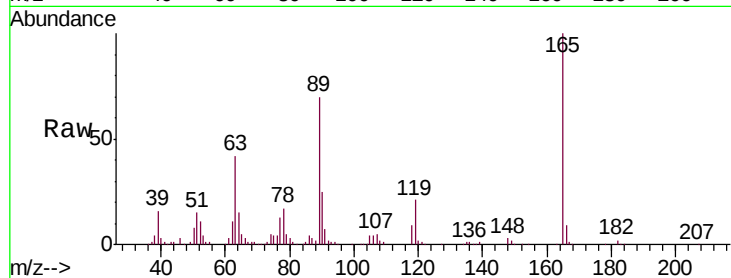




#57
2,4-Dinitrotoluene
Concen: 49.631 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.03 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

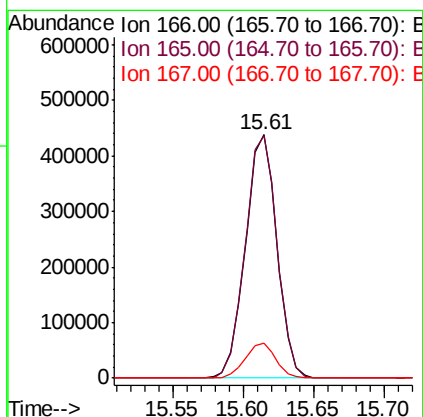
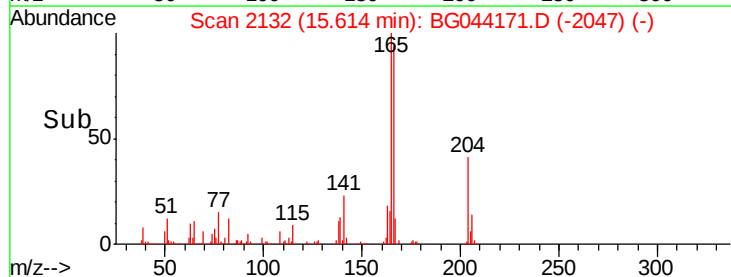
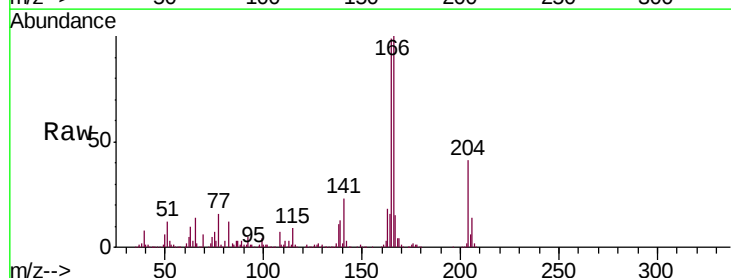
Instrument :
BNA_G
ClientSampleId :
PB126290BS

Tgt Ion:	165	Resp:	232397
Ion	Ratio	Lower	Upper
165	100		
63	41.8	31.9	47.9
89	70.4	53.8	80.6
182	2.3	2.0	3.0



#58
Fluorene
Concen: 50.090 ng
RT: 15.61 min Scan# 2132
Delta R.T. -0.03 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Tgt Ion:	166	Resp:	684384
Ion	Ratio	Lower	Upper
166	100		
165	99.5	80.8	121.2
167	14.6	12.1	18.1

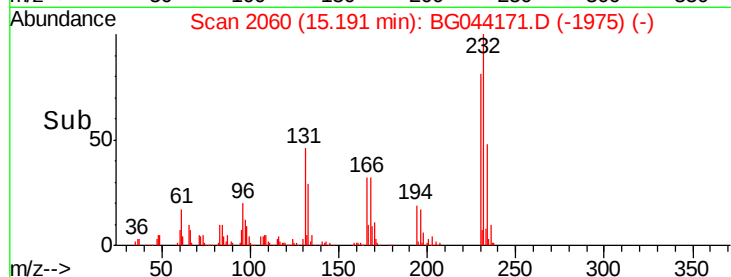
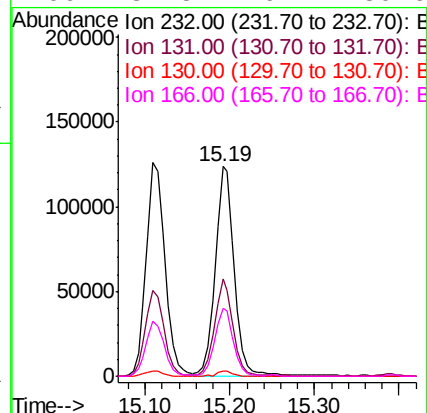
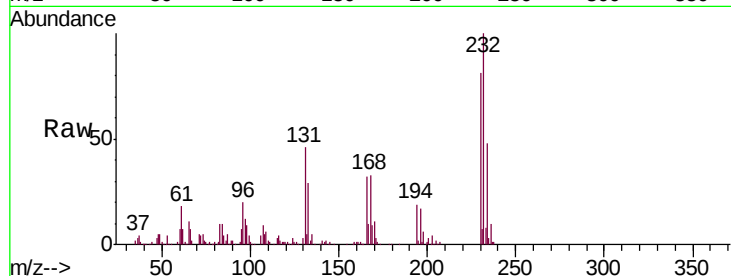




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.194 ng
 RT: 15.19 min Scan# 2060
 Delta R.T. -0.03 min
 Lab File: BG044171.D
 Acq: 23 Jan 2020 17:36

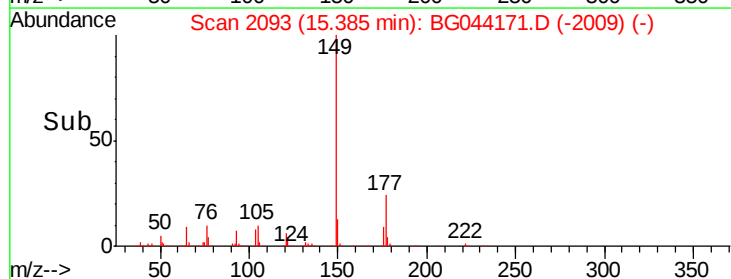
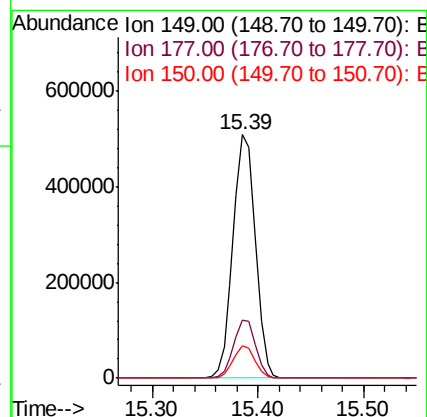
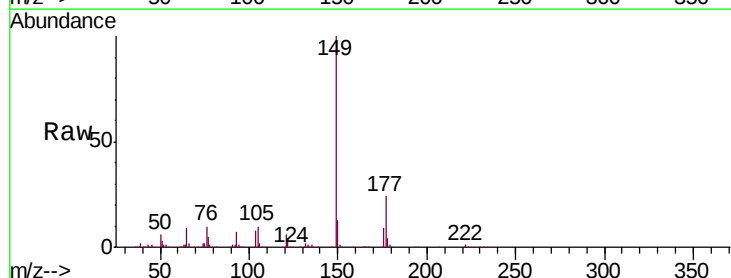
Instrument :
 BNA_G
 ClientSampleId :
 PB126290BS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.1	38.2	57.2
130	2.2	2.2	3.2
166	31.8	26.4	39.6



#60
 Diethylphthalate
 Concen: 48.844 ng
 RT: 15.39 min Scan# 2093
 Delta R.T. -0.04 min
 Lab File: BG044171.D
 Acq: 23 Jan 2020 17:36

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.0	20.0	30.0
150	13.4	11.1	16.7

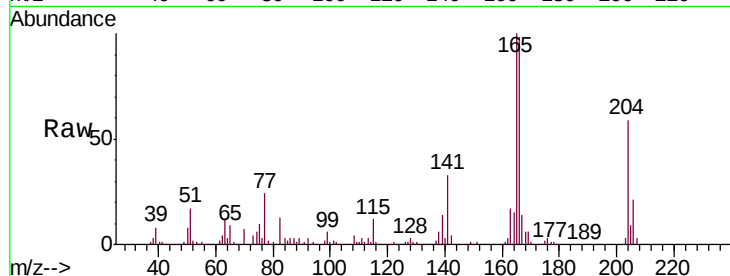




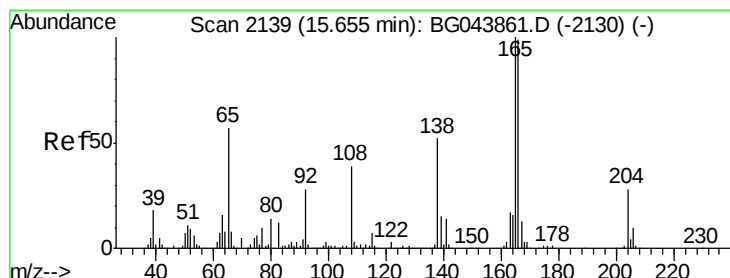
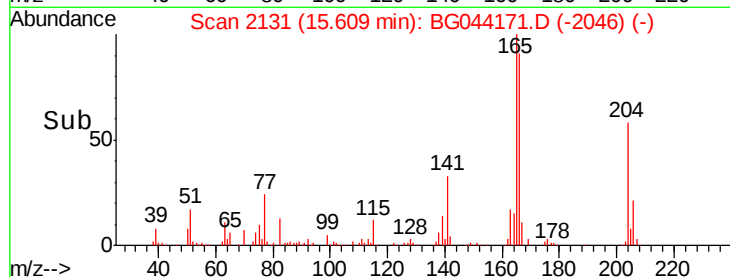
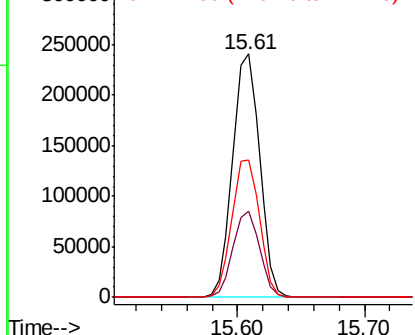
#61
4-Chlorophenyl-phenylether
Concen: 47.875 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.03 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Instrument :
BNA_G
ClientSampleId :
PB126290BS

Tgt Ion:204 Resp: 355185
Ion Ratio Lower Upper
204 100
206 35.2 28.2 42.2
141 56.6 48.2 72.2

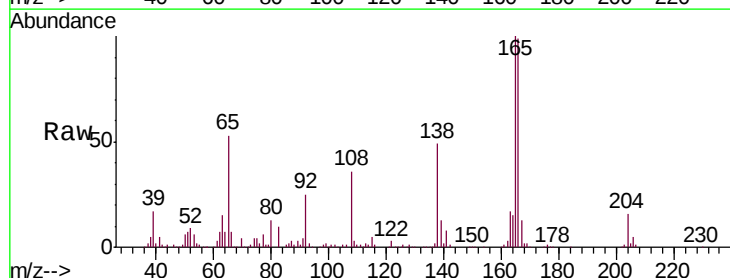


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

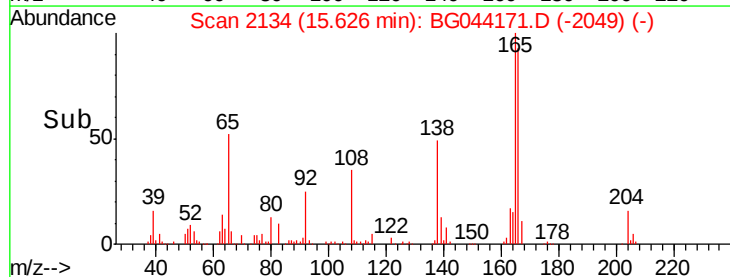
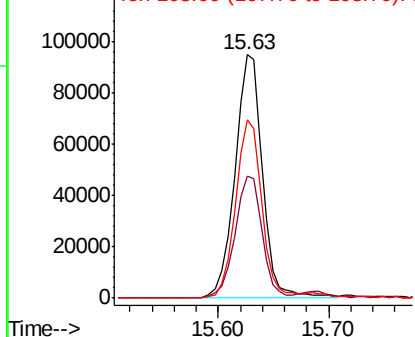


#62
4-Nitroaniline
Concen: 43.010 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.03 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Tgt Ion:138 Resp: 165980
Ion Ratio Lower Upper
138 100
92 50.4 34.3 74.3
108 73.4 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

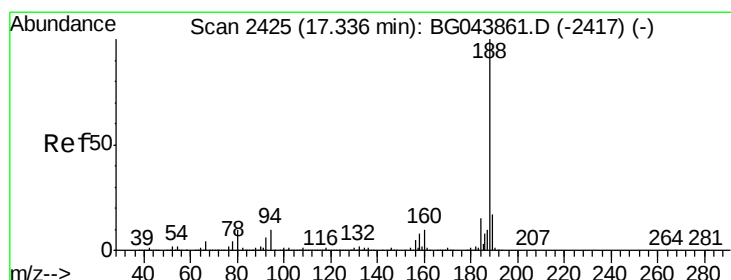
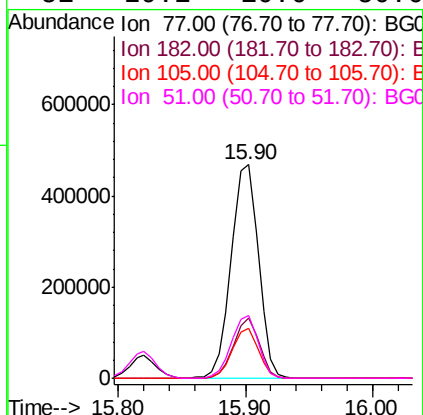
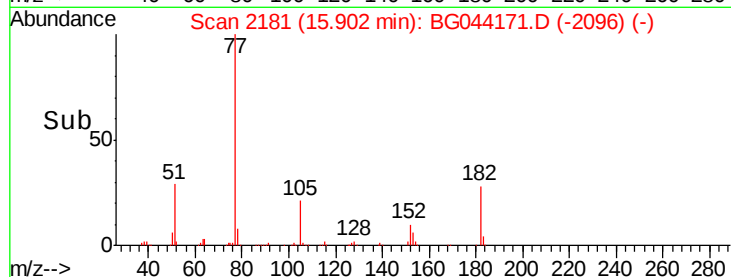
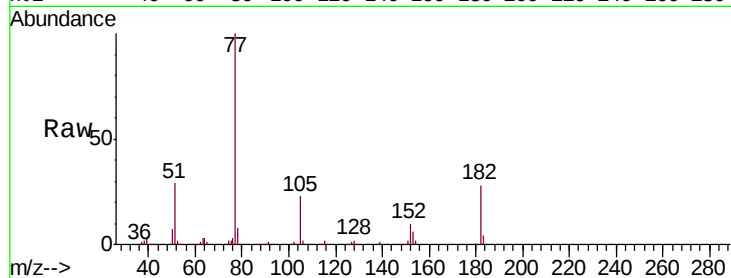




#63
Azobenzene
Concen: 49.266 ng
RT: 15.90 min Scan# 2181
Delta R.T. -0.03 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

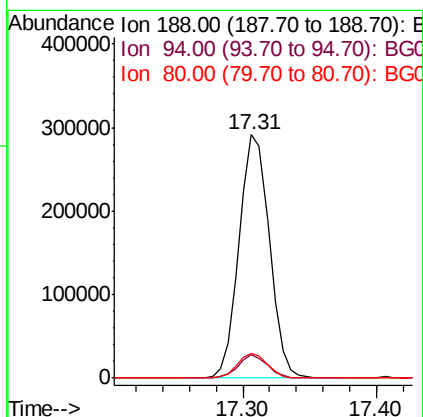
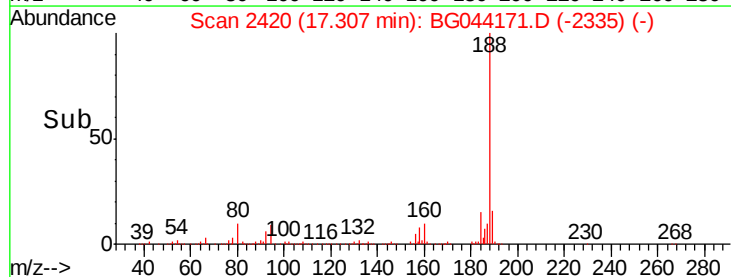
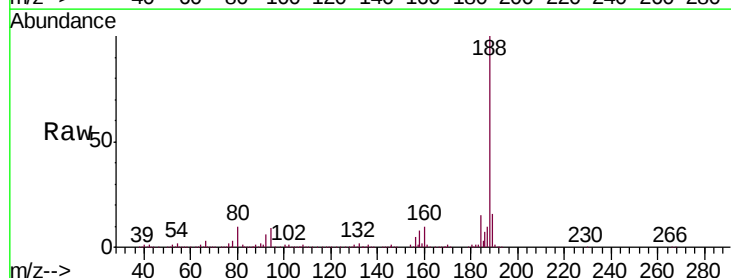
Instrument :
BNA_G
ClientSampleId :
PB126290BS

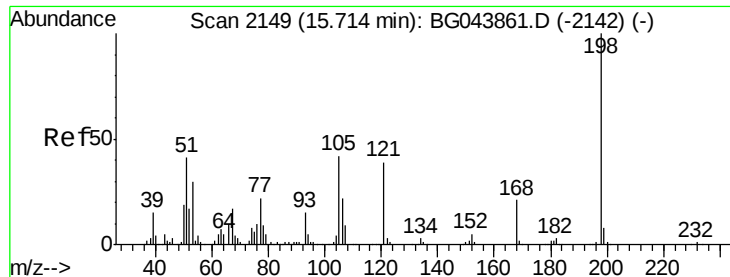
Tgt Ion	Resp	Lower	Upper
77	100		
182	28.2	7.3	47.3
105	23.2	3.2	43.2
51	29.1	10.6	50.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Tgt Ion	Resp	Lower	Upper
188	100		
94	9.4	7.9	11.9
80	10.1	8.2	12.4

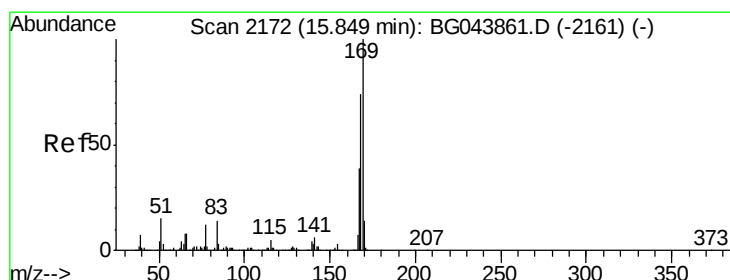
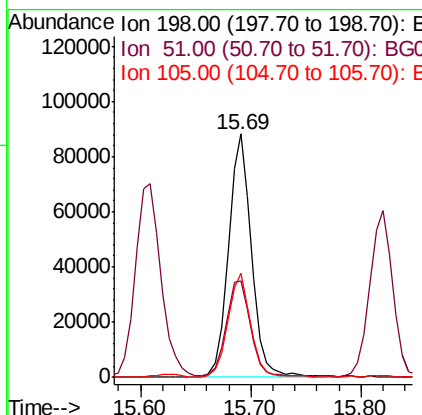
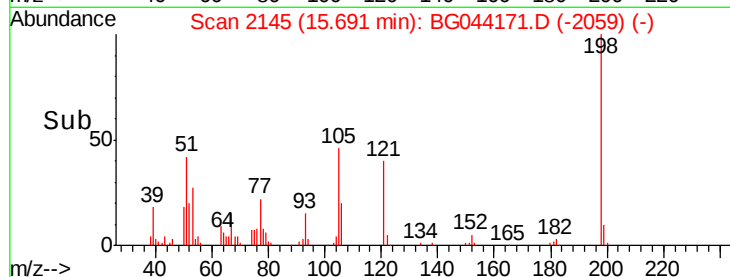
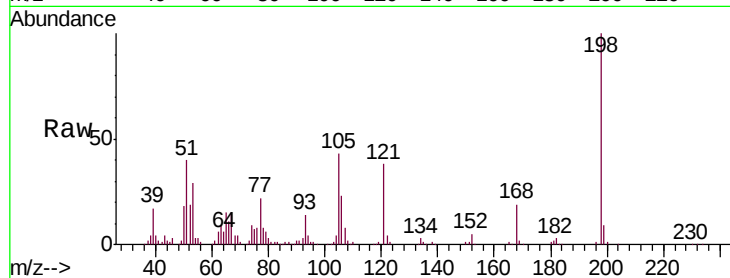




#65
4,6-Dinitro-2-methylphenol
Concen: 54.007 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.02 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

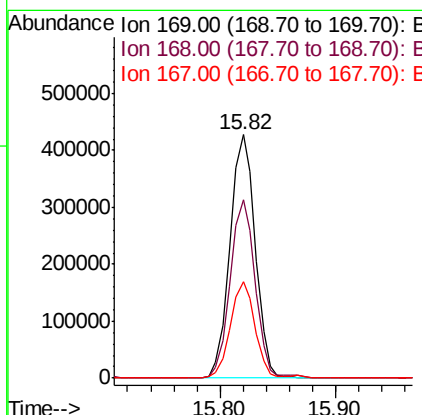
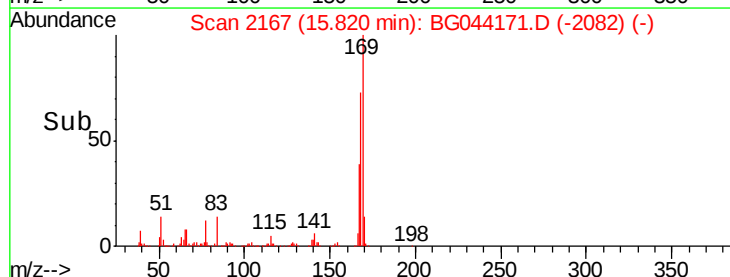
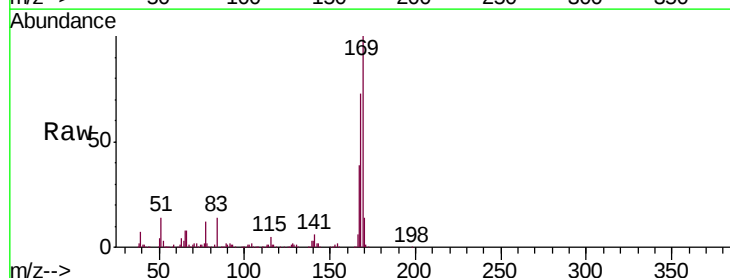
Instrument :
BNA_G
ClientSampleId :
PB126290BS

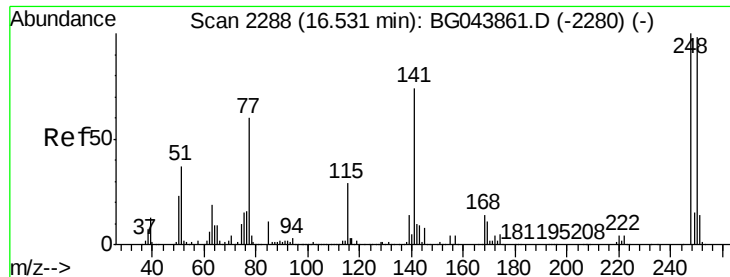
Tgt Ion	Resp	Lower	Upper
198	128953		
51	39.5	22.5	62.5
105	42.6	22.3	62.3



#66
n-Nitrosodiphenylamine
Concen: 47.801 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Tgt Ion	Resp	Lower	Upper
169	645142		
168	73.3	59.0	88.6
167	39.4	31.4	47.0

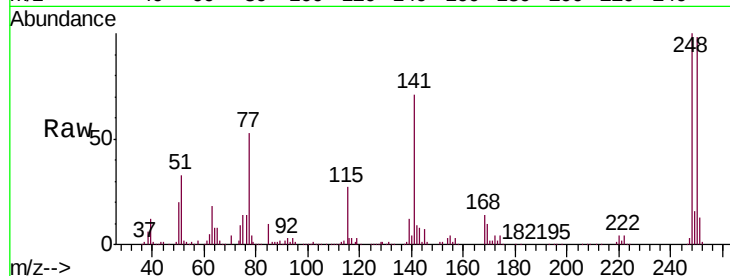




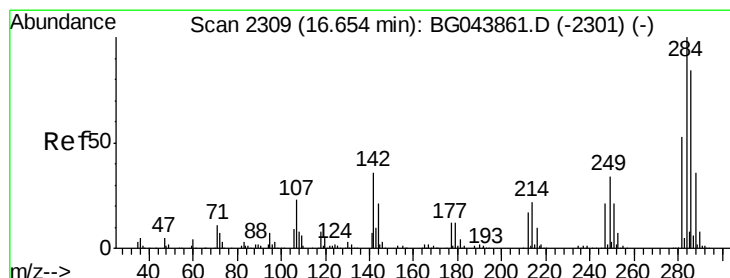
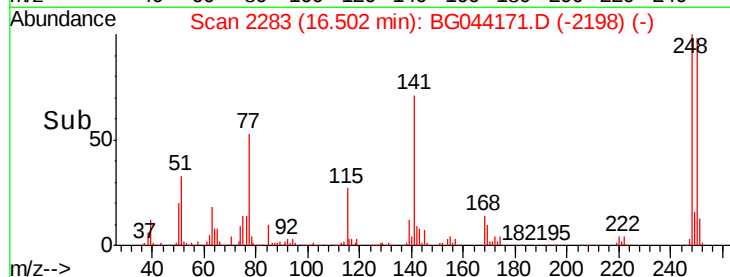
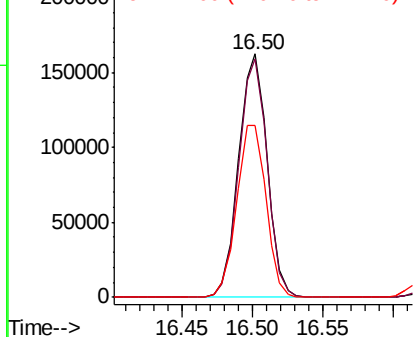
#67
 4-Bromophenyl-phenylether
 Concen: 44.361 ng
 RT: 16.50 min Scan# 2283
 Delta R.T. -0.03 min
 Lab File: BG044171.D
 Acq: 23 Jan 2020 17:36

Instrument :
 BNA_G
 ClientSampleId :
 PB126290BS

Tgt Ion: 248 Resp: 228656
 Ion Ratio Lower Upper
 248 100
 250 98.1 78.2 117.2
 141 70.6 59.3 88.9

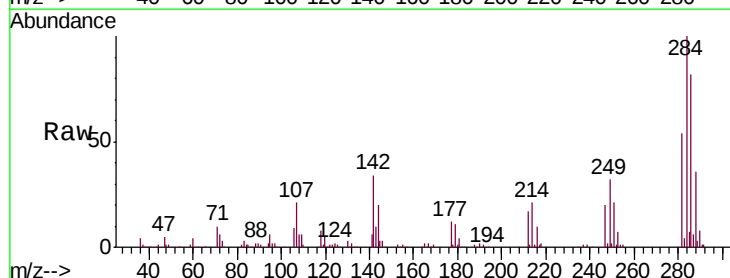


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

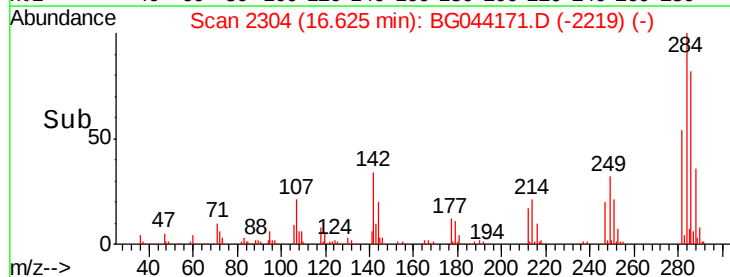
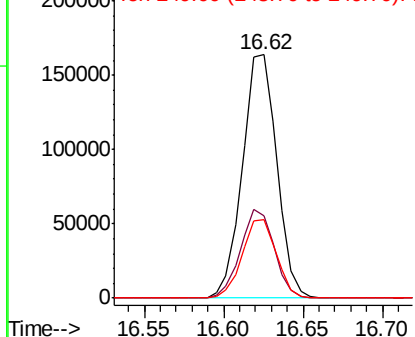


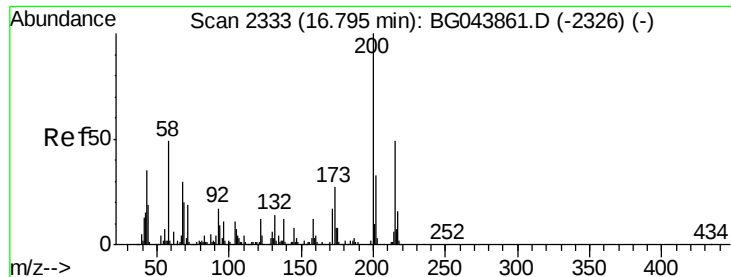
#68
 Hexachlorobenzene
 Concen: 44.462 ng
 RT: 16.62 min Scan# 2304
 Delta R.T. -0.03 min
 Lab File: BG044171.D
 Acq: 23 Jan 2020 17:36

Tgt Ion: 284 Resp: 246948
 Ion Ratio Lower Upper
 284 100
 142 33.8 28.6 43.0
 249 32.4 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: 53.313 ng

RT: 16.77 min Scan# 2329

Delta R.T. -0.02 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

Instrument :

BNA_G

ClientSampleId :

PB126290BS

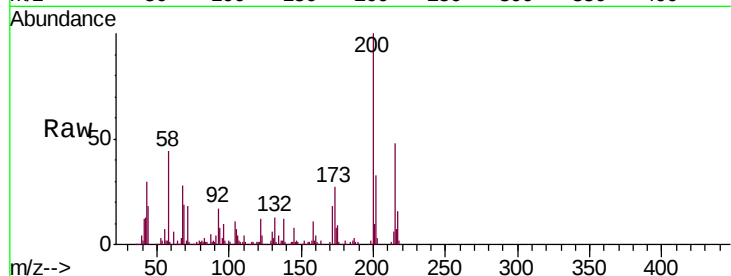
Tgt Ion:200 Resp: 233885

Ion Ratio Lower Upper

200 100

173 27.2 6.6 46.6

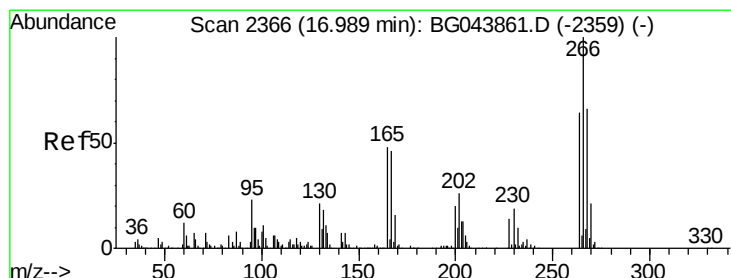
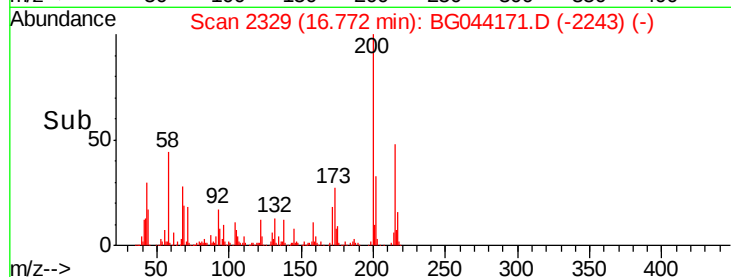
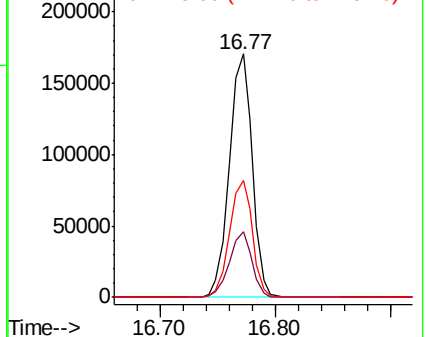
215 48.1 28.6 68.6



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: 86.526 ng

RT: 16.97 min Scan# 2362

Delta R.T. -0.02 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

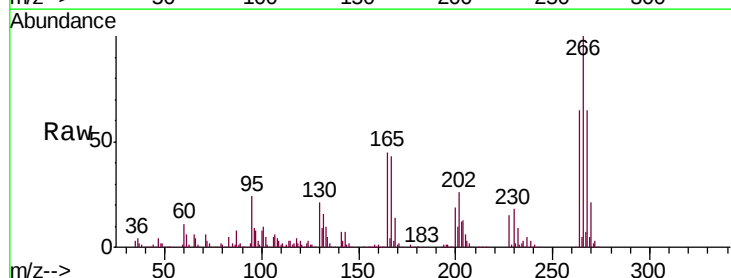
Tgt Ion:266 Resp: 264917

Ion Ratio Lower Upper

266 100

268 64.9 52.6 79.0

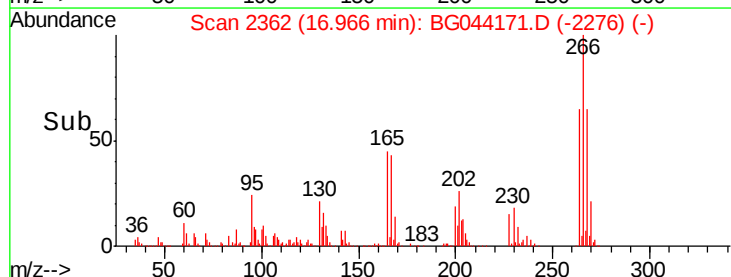
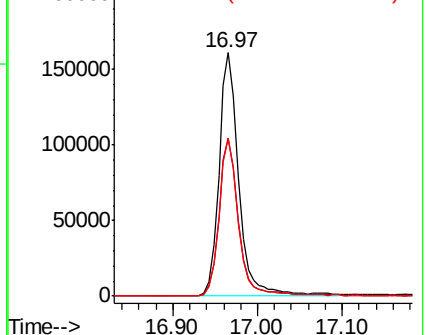
264 64.9 50.8 76.2

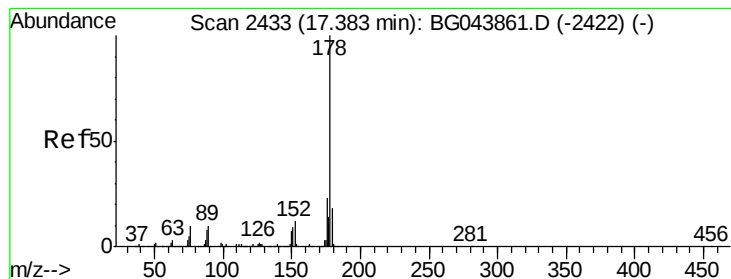


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 48.630 ng

RT: 17.35 min Scan# 2428

Delta R.T. -0.03 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

Instrument :

BNA_G

ClientSampleId :

PB126290BS

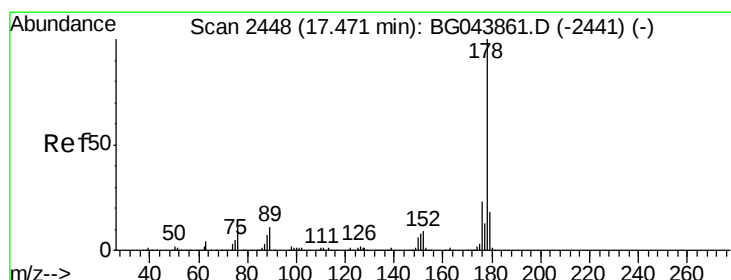
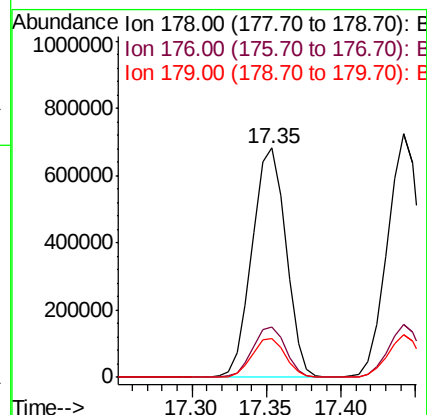
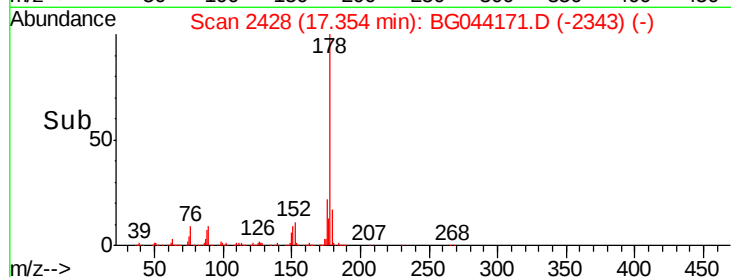
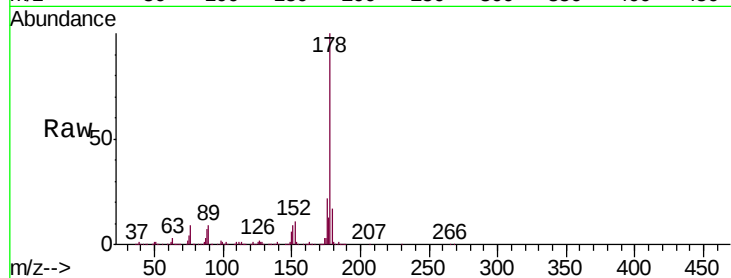
Tgt Ion:178 Resp: 1069006

Ion Ratio Lower Upper

178 100

176 22.0 18.6 28.0

179 17.0 14.4 21.6



#72

Anthracene

Concen: 51.237 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.03 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

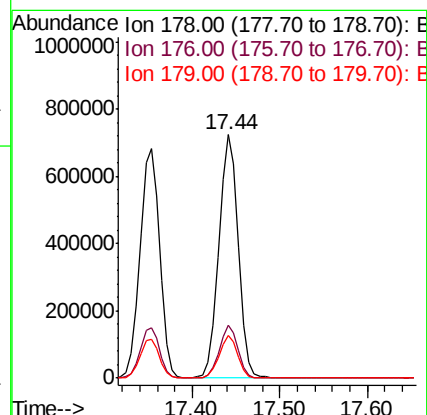
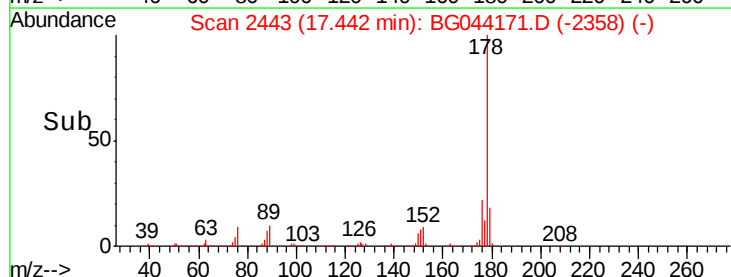
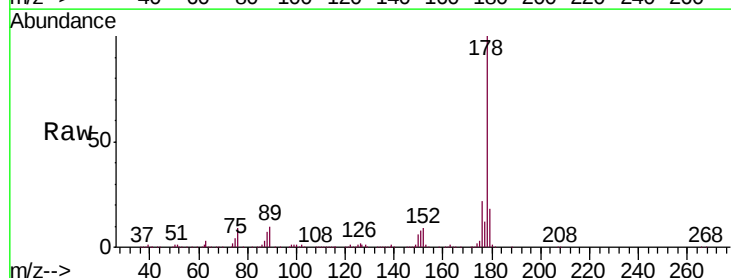
Tgt Ion:178 Resp: 1113102

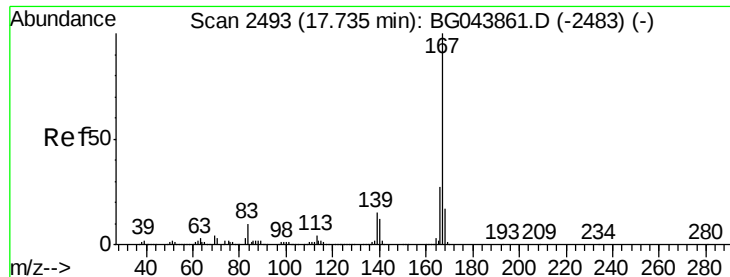
Ion Ratio Lower Upper

178 100

176 21.5 18.3 27.5

179 17.6 14.6 22.0

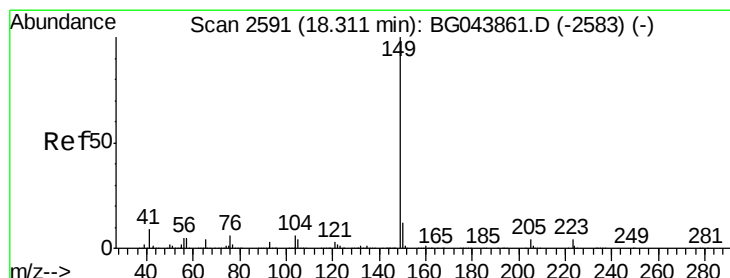
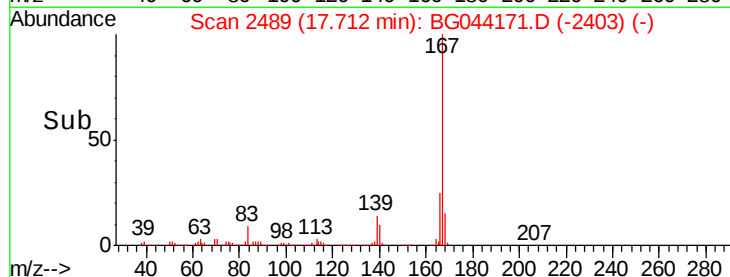
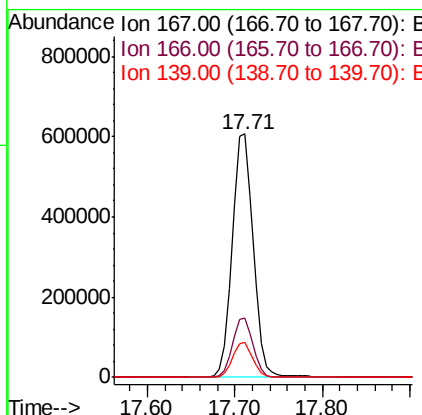
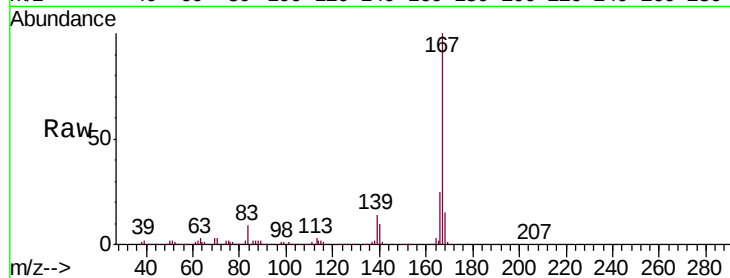




#73
 Carbazole
 Concen: 49.273 ng
 RT: 17.71 min Scan# 2489
 Delta R.T. -0.02 min
 Lab File: BG044171.D
 Acq: 23 Jan 2020 17:36

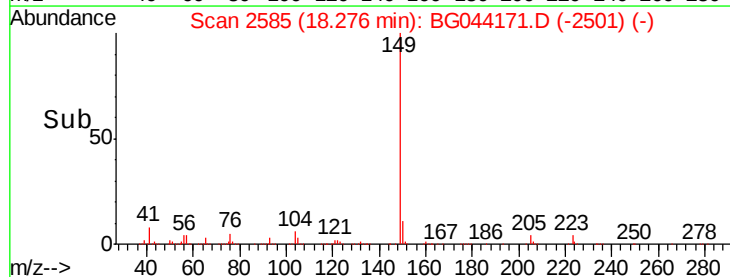
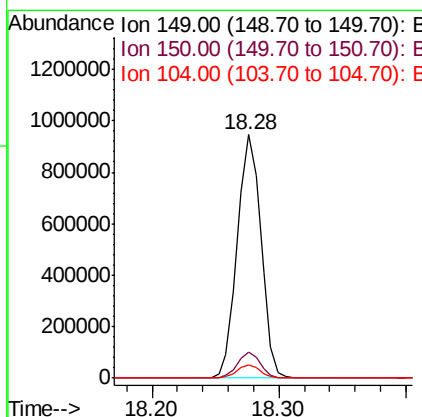
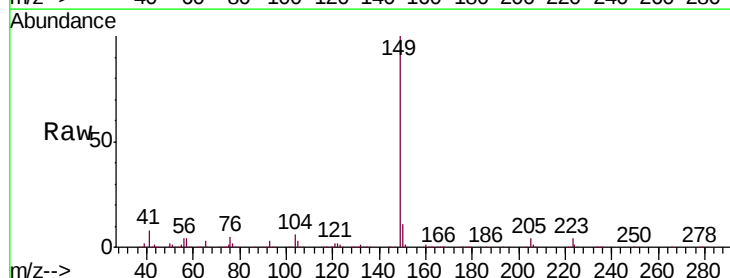
Instrument :
 BNA_G
 ClientSampleId :
 PB126290BS

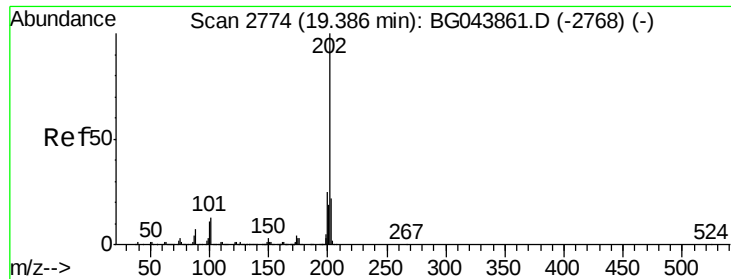
Tgt Ion	Resp	Lower	Upper
167	988792		
166	24.5	21.6	32.4
139	14.2	12.1	18.1



#74
 Di-n-butylphthalate
 Concen: 47.719 ng
 RT: 18.28 min Scan# 2585
 Delta R.T. -0.04 min
 Lab File: BG044171.D
 Acq: 23 Jan 2020 17:36

Tgt Ion	Resp	Lower	Upper
149	1222624		
150	10.6	9.7	14.5
104	5.6	5.0	7.4





#75

Fluoranthene

Concen: 48.815 ng

RT: 19.36 min Scan# 2769

Delta R.T. -0.03 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

Instrument :

BNA_G

ClientSampleId :

PB126290BS

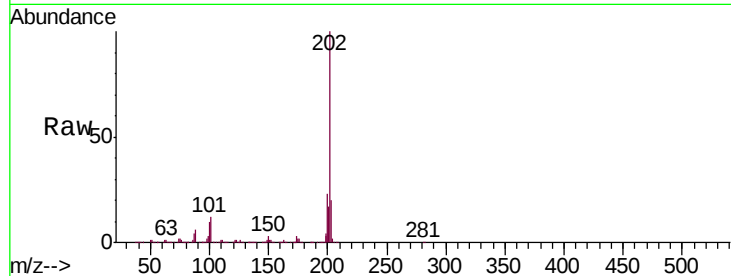
Tgt Ion:202 Resp: 1227190

Ion Ratio Lower Upper

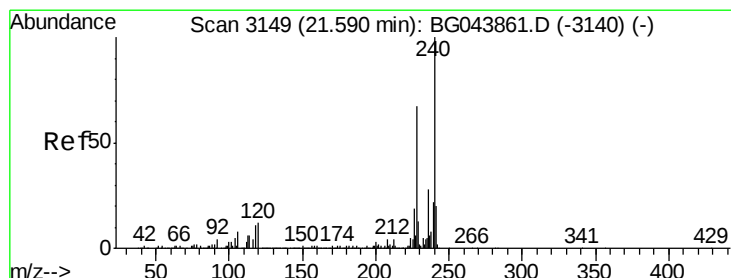
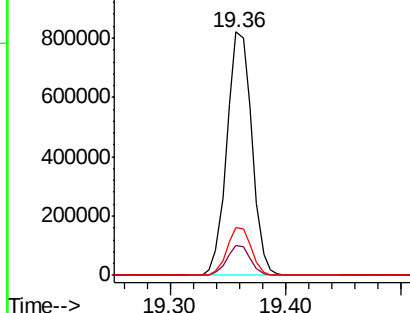
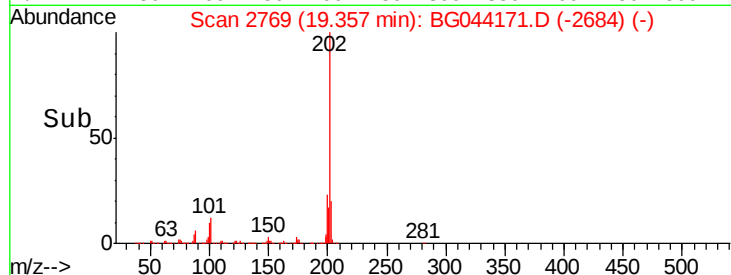
202 100

101 12.3 0.0 33.3

203 19.5 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: 21.55 min Scan# 3143

Delta R.T. -0.04 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

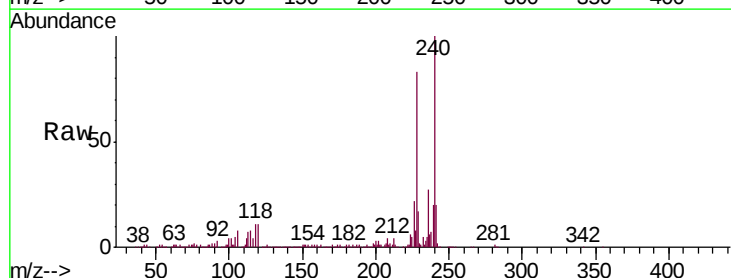
Tgt Ion:240 Resp: 388625

Ion Ratio Lower Upper

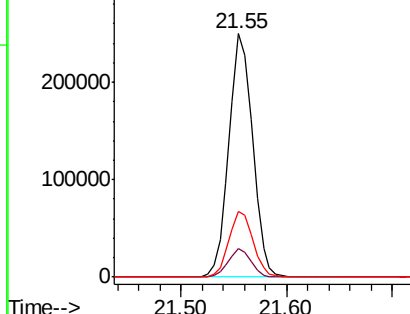
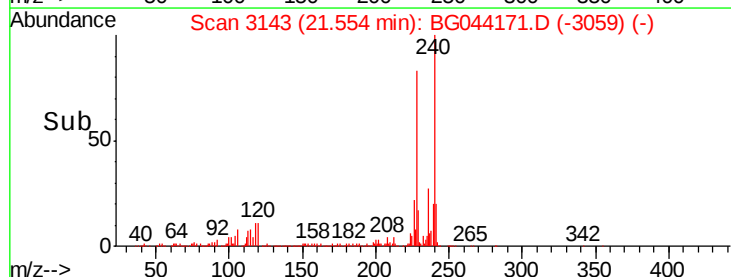
240 100

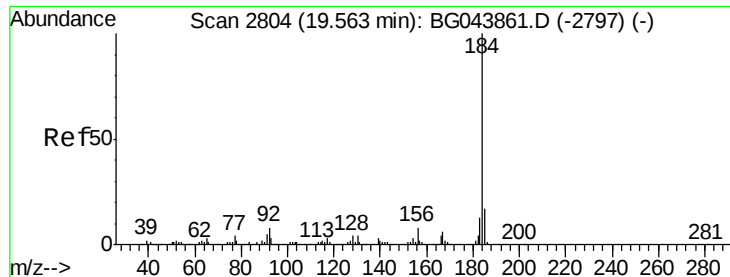
120 11.5 9.6 14.4

236 26.9 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: 51.473 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.02 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

Instrument :

BNA_G

ClientSampleId :

PB126290BS

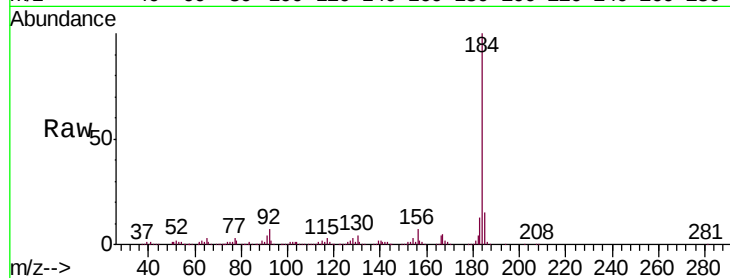
Tgt Ion:184 Resp: 502802

Ion Ratio Lower Upper

184 100

185 15.0 13.4 20.0

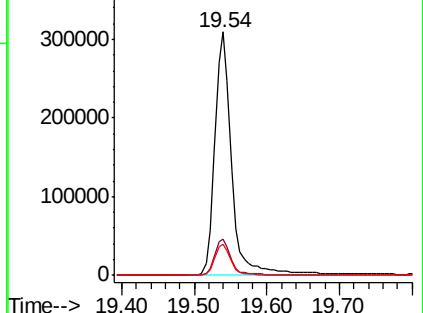
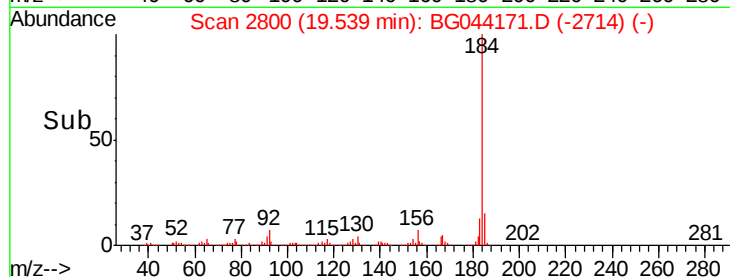
183 12.8 10.6 15.8



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: 48.741 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.03 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

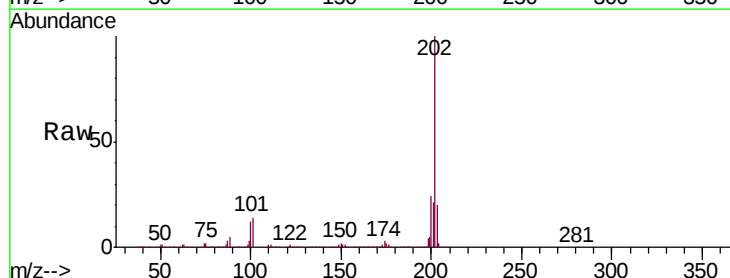
Tgt Ion:202 Resp: 1236422

Ion Ratio Lower Upper

202 100

200 24.0 21.7 32.5

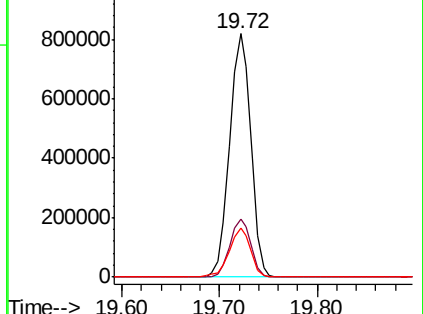
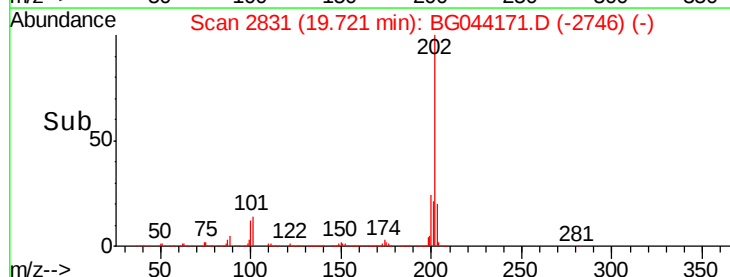
203 19.9 17.0 25.6

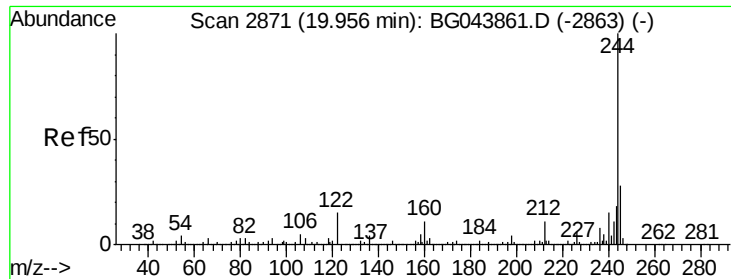


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 98.936 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

Instrument :

BNA_G

ClientSampleId :

PB126290BS

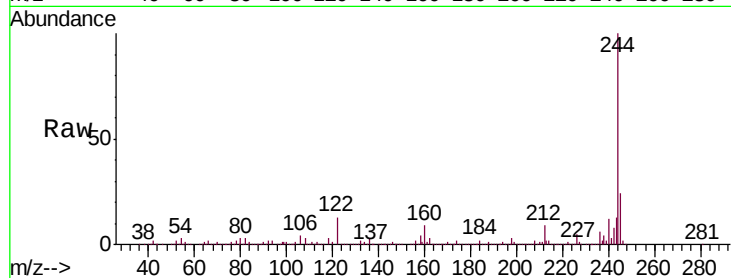
Tgt Ion:244 Resp: 1529185

Ion Ratio Lower Upper

244 100

212 9.1 8.6 13.0

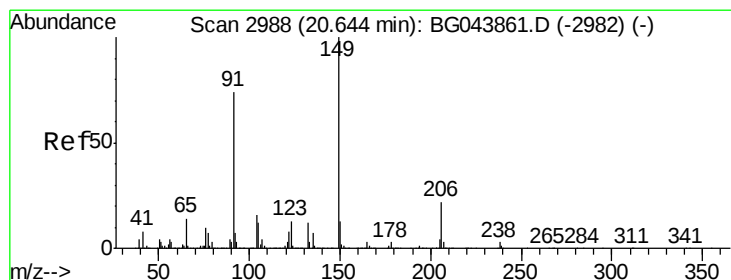
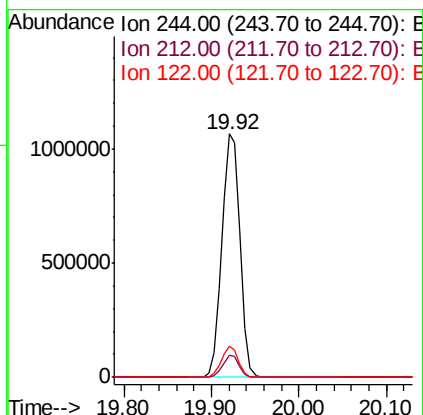
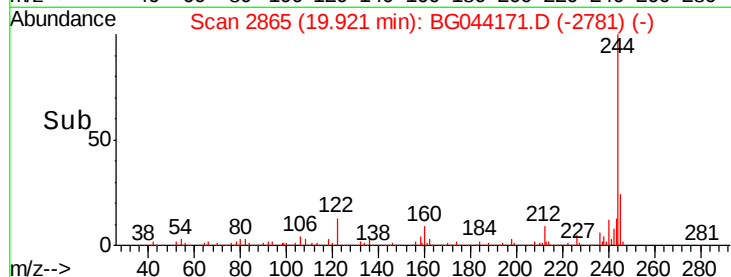
122 12.8 11.9 17.9



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: 46.901 ng

RT: 20.61 min Scan# 2983

Delta R.T. -0.03 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

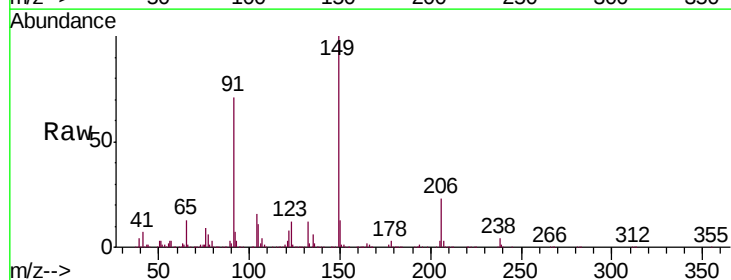
Tgt Ion:149 Resp: 566432

Ion Ratio Lower Upper

149 100

91 70.8 59.5 89.3

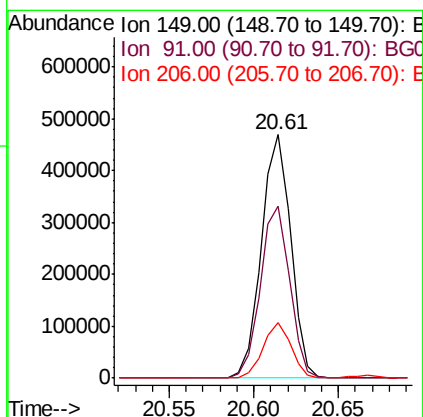
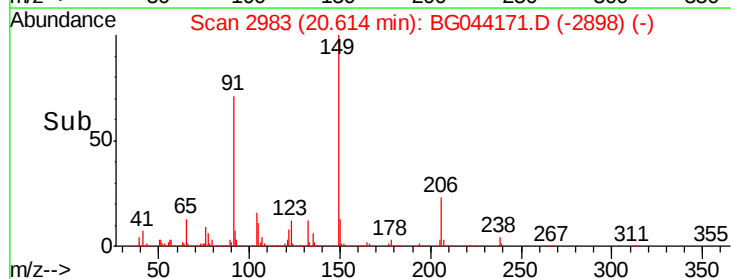
206 22.5 17.8 26.6

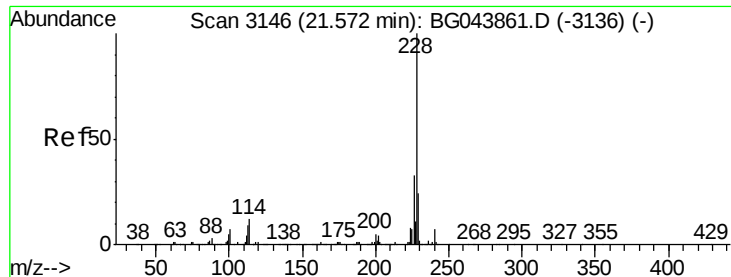


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.855 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.04 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

Instrument :

BNA_G

ClientSampleId :

PB126290BS

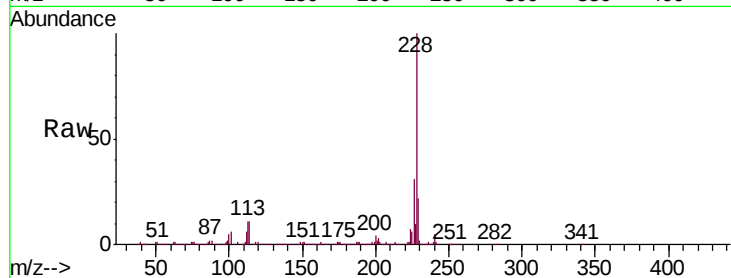
Tgt Ion:228 Resp: 1177291

Ion Ratio Lower Upper

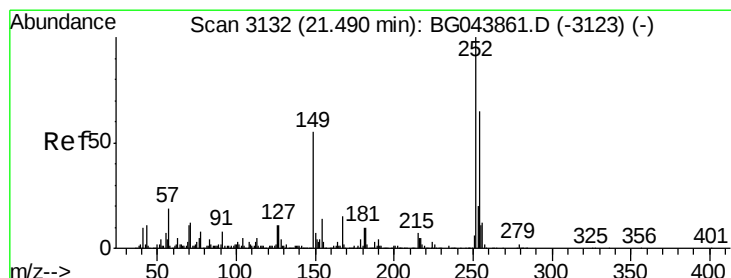
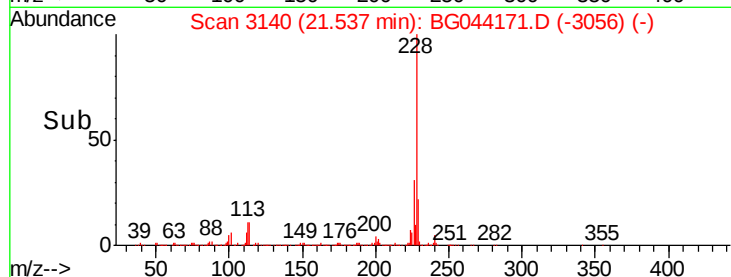
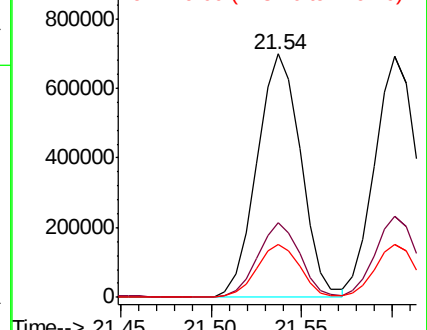
228 100

226 30.9 26.2 39.4

229 21.9 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: 34.686 ng

RT: 21.45 min Scan# 3126

Delta R.T. -0.04 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

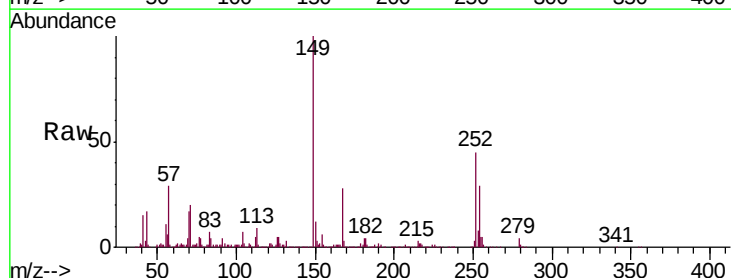
Tgt Ion:252 Resp: 330219

Ion Ratio Lower Upper

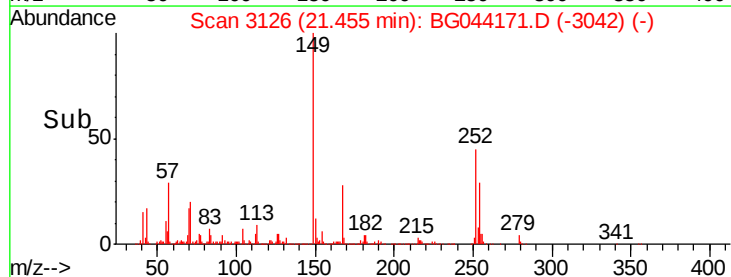
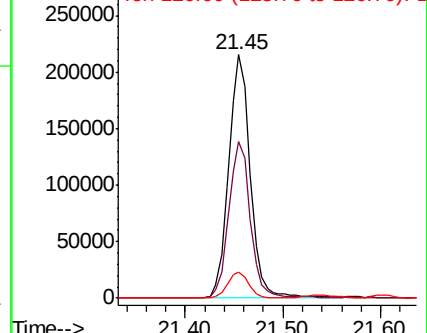
252 100

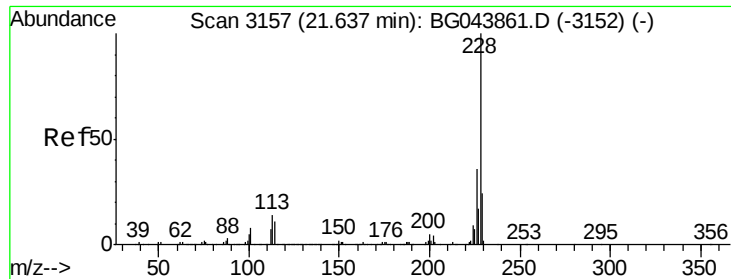
254 64.3 52.1 78.1

126 10.9 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: 48.955 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.04 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

Instrument :

BNA_G

ClientSampleId :

PB126290BS

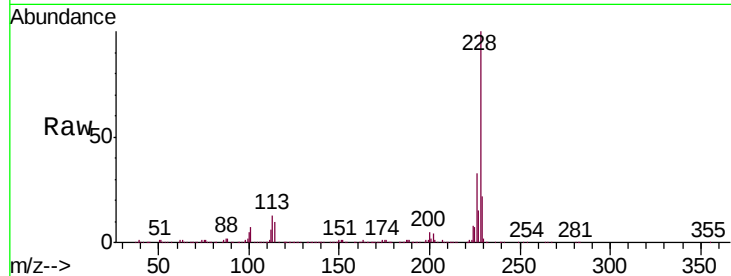
Tgt Ion:228 Resp: 1120935

Ion Ratio Lower Upper

228 100

226 33.5 28.8 43.2

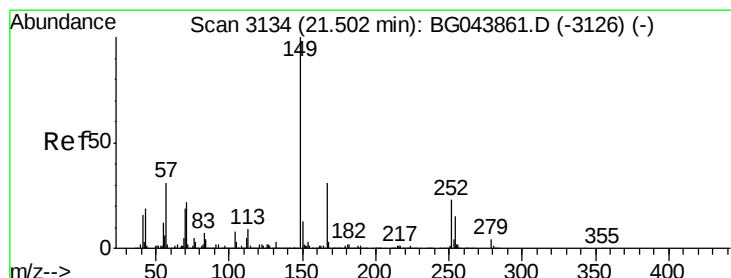
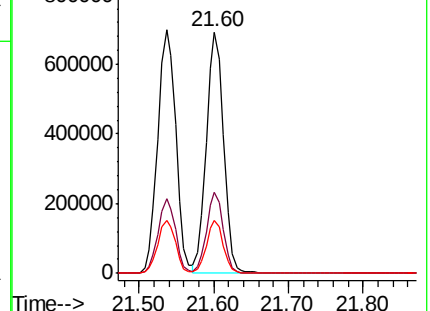
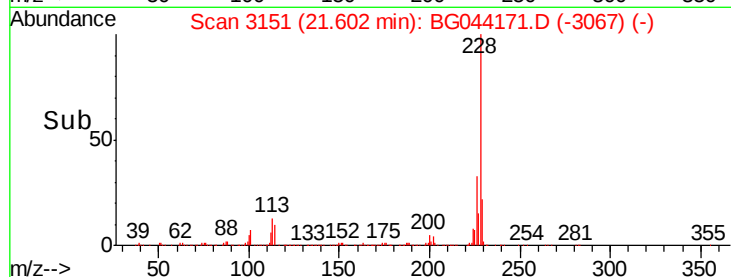
229 22.0 19.0 28.6



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: 48.007 ng

RT: 21.46 min Scan# 3127

Delta R.T. -0.04 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

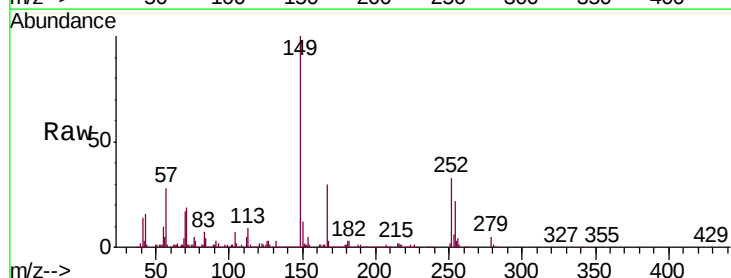
Tgt Ion:149 Resp: 799995

Ion Ratio Lower Upper

149 100

167 30.0 24.7 37.1

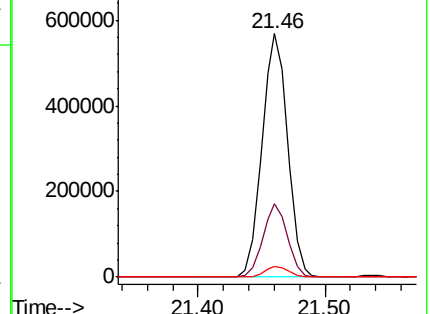
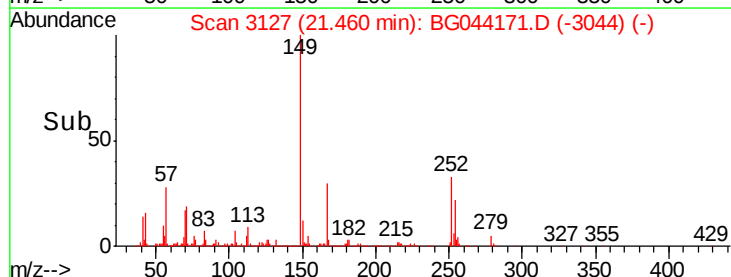
279 4.6 3.3 4.9



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

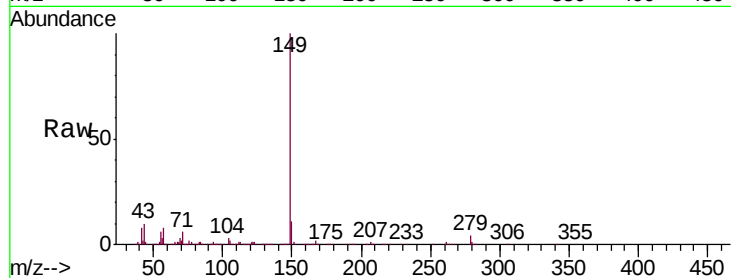




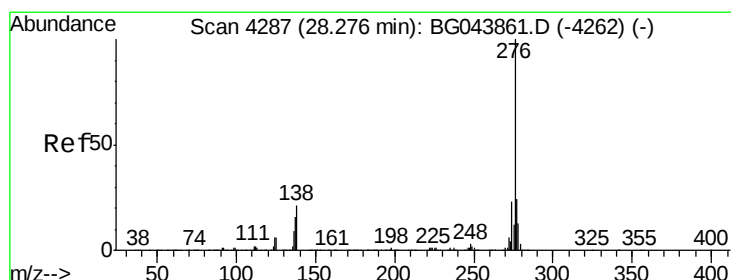
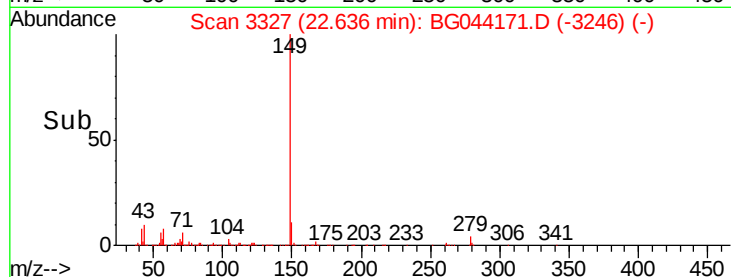
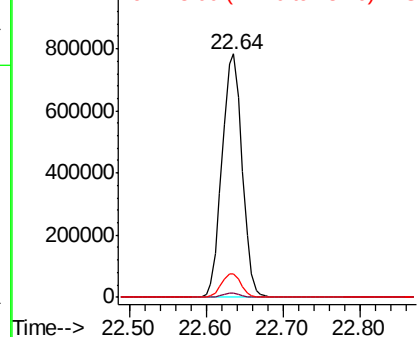
#85
Di-n-octyl phthalate
Concen: 50.247 ng
RT: 22.64 min Scan# 3327
Delta R.T. -0.05 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Instrument :
BNA_G
ClientSampleId :
PB126290BS

Tgt Ion:149 Resp: 1407654
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 9.5 8.8 13.2

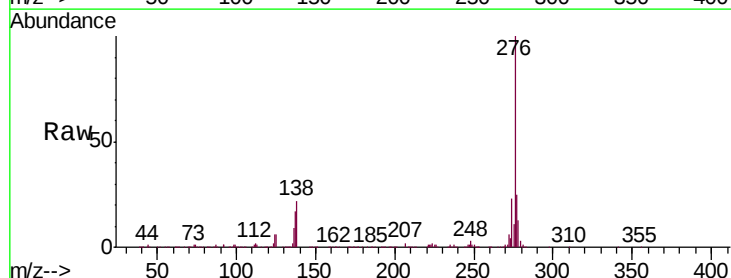


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

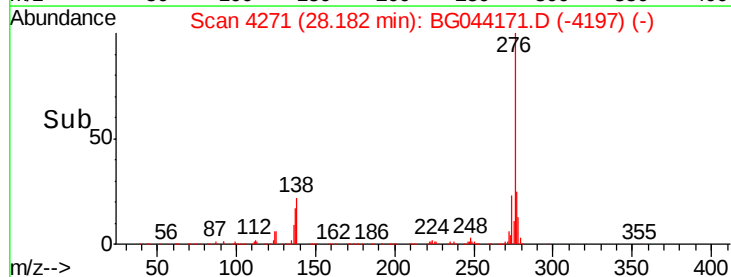
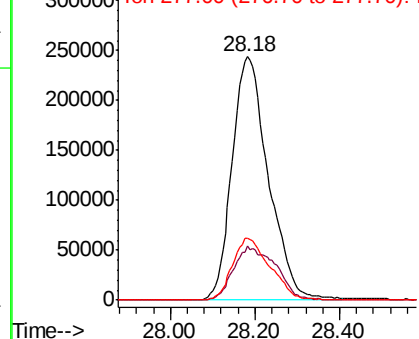


#86
Indeno(1,2,3-cd)pyrene
Concen: 46.642 ng
RT: 28.18 min Scan# 4271
Delta R.T. -0.09 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Tgt Ion:276 Resp: 1451378
Ion Ratio Lower Upper
276 100
138 25.6 21.0 31.4
277 26.4 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: 24.66 min Scan# 3672

Delta R.T. -0.06 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

Instrument :

BNA_G

ClientSampleId :

PB126290BS

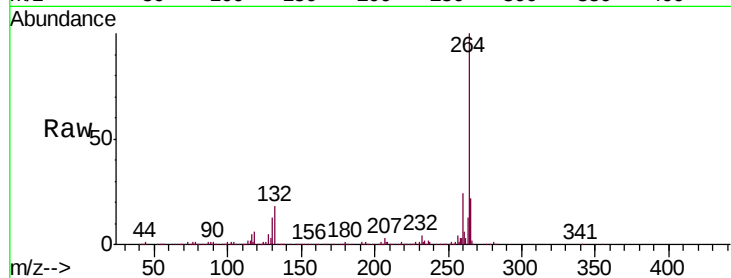
Tgt Ion:264 Resp: 438589

Ion Ratio Lower Upper

264 100

260 24.4 20.4 30.6

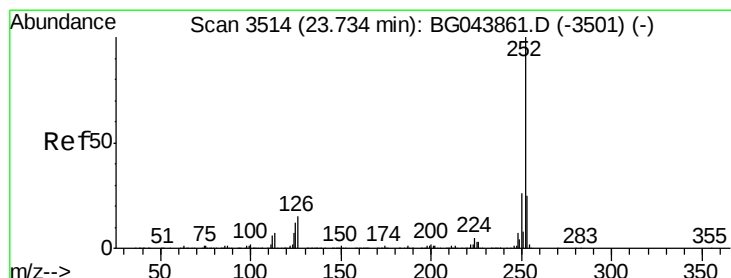
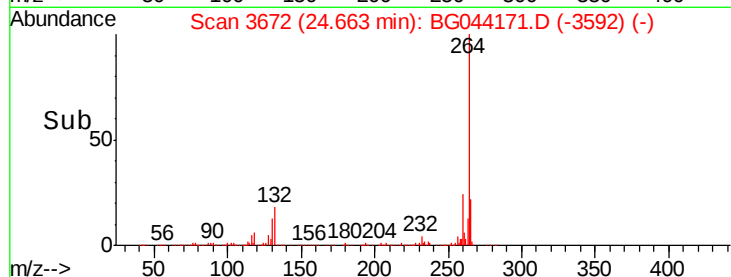
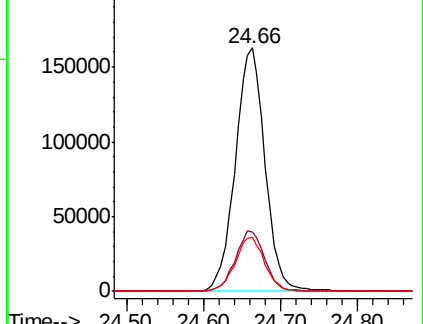
265 22.5 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.857 ng

RT: 23.68 min Scan# 3505

Delta R.T. -0.05 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

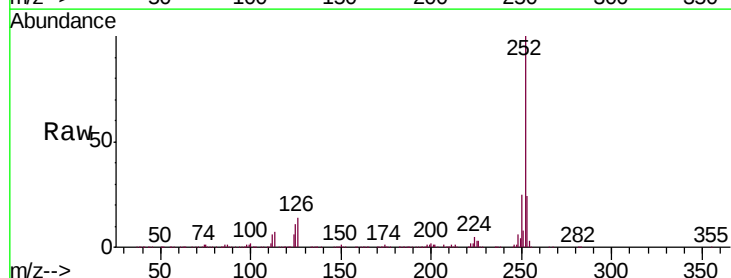
Tgt Ion:252 Resp: 1214912

Ion Ratio Lower Upper

252 100

253 24.3 19.7 29.5

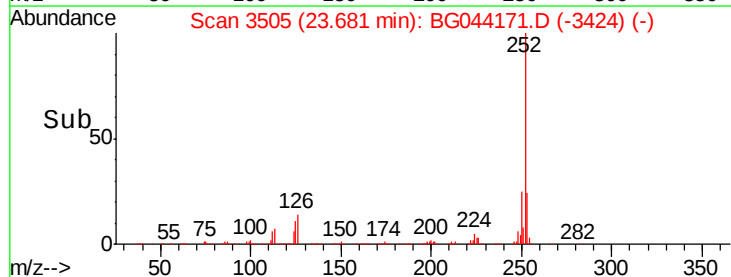
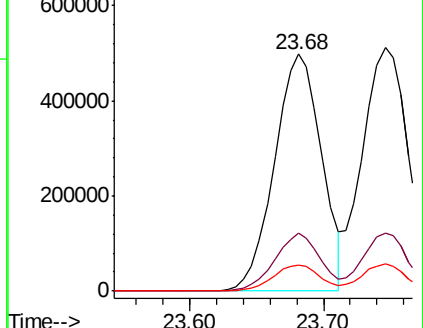
125 11.1 9.4 14.2

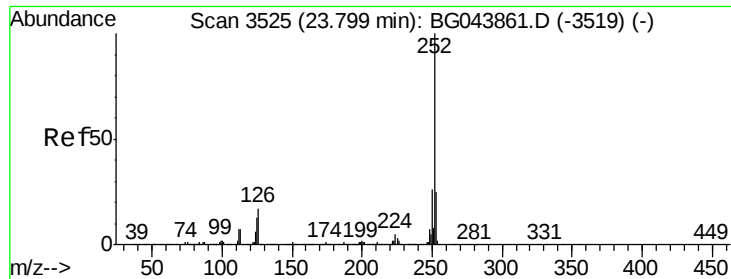


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

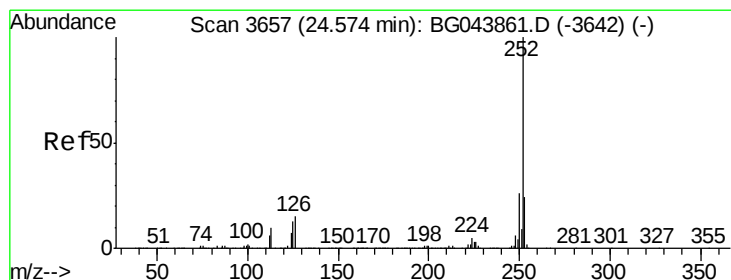
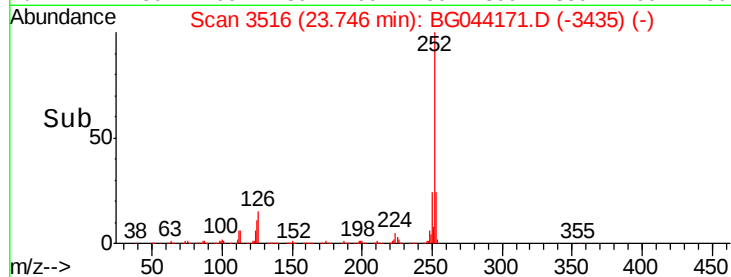
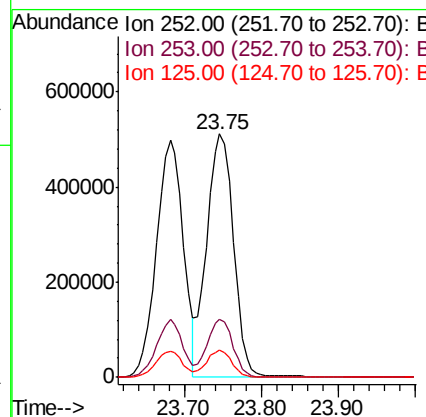
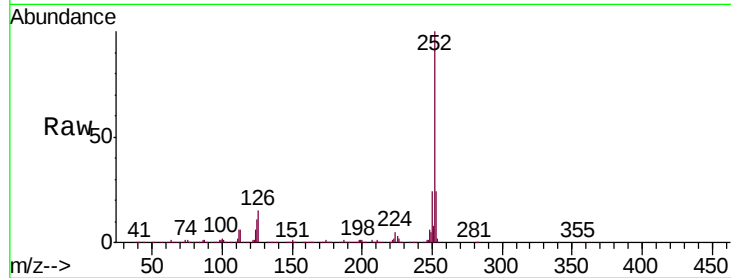




#89
Benzo(k)fluoranthene
Concen: 49.797 ng
RT: 23.75 min Scan# 3516
Delta R.T. -0.05 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

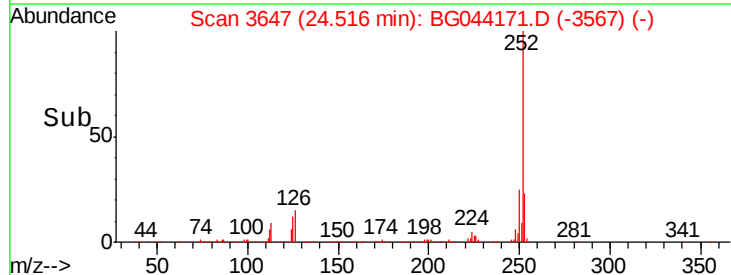
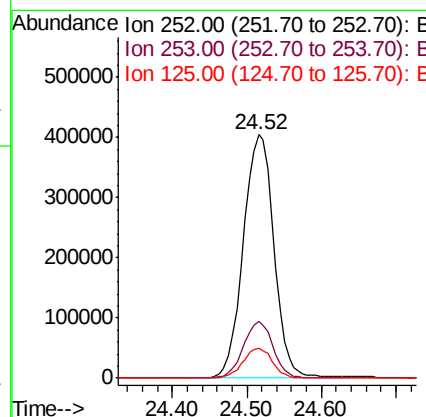
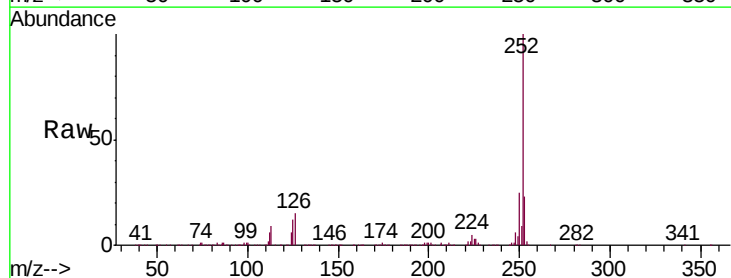
Instrument :
BNA_G
ClientSampleId :
PB126290BS

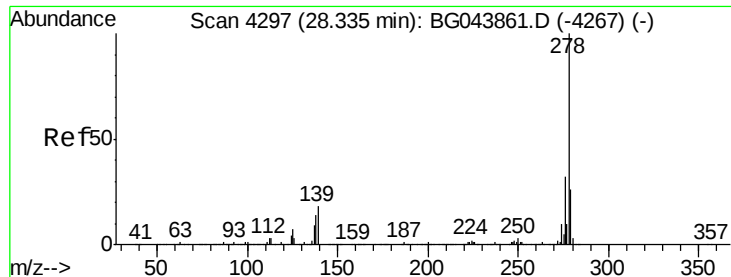
Tgt Ion:252 Resp: 1227800
Ion Ratio Lower Upper
252 100
253 23.6 19.4 29.2
125 11.2 9.9 14.9



#90
Benzo(a)pyrene
Concen: 47.108 ng
RT: 24.52 min Scan# 3647
Delta R.T. -0.06 min
Lab File: BG044171.D
Acq: 23 Jan 2020 17:36

Tgt Ion:252 Resp: 1152811
Ion Ratio Lower Upper
252 100
253 23.1 19.3 28.9
125 12.4 10.4 15.6





#91

Dibenzo(a,h)anthracene

Concen: 48.415 ng

RT: 28.25 min Scan# 4282

Delta R.T. -0.09 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

Instrument :

BNA_G

ClientSampleId :

PB126290BS

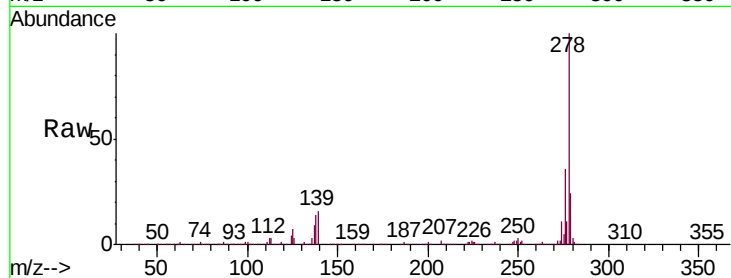
Tgt Ion:278 Resp: 1189880

Ion Ratio Lower Upper

278 100

139 15.9 14.2 21.4

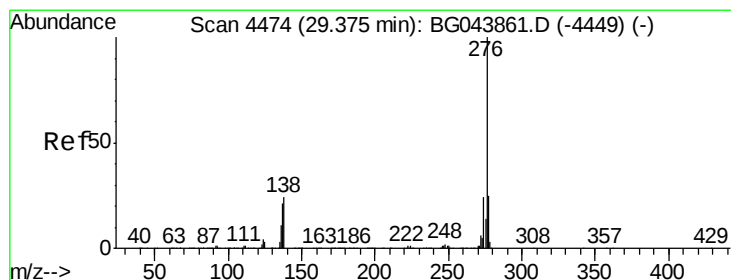
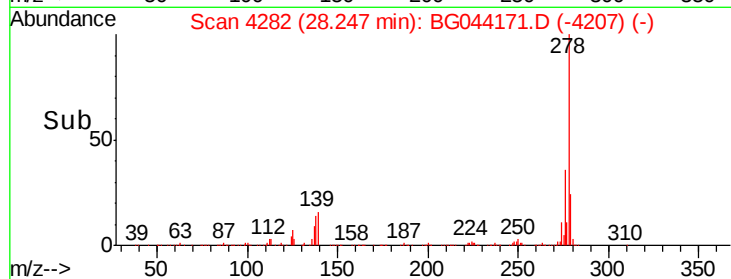
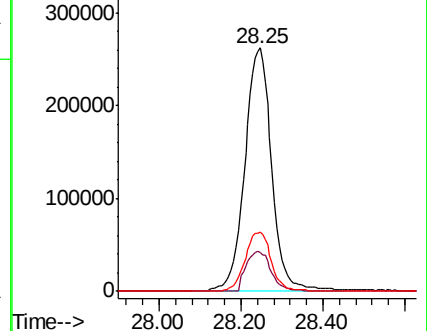
279 24.4 20.6 30.8



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: 49.849 ng

RT: 29.28 min Scan# 4458

Delta R.T. -0.09 min

Lab File: BG044171.D

Acq: 23 Jan 2020 17:36

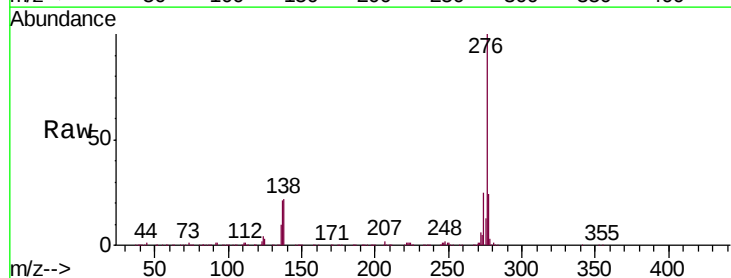
Tgt Ion:276 Resp: 1216947

Ion Ratio Lower Upper

276 100

277 23.9 20.2 30.4

138 22.4 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

