

Data File : BG044082.D
Acq On : 17 Jan 2020 19:57
Operator : JU
Sample : PB126154BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126154BS

Quant Time: Jan 18 03:12:20 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	81601	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	350650	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	226160	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	479003	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	404963	20.00	ng	-0.03
87) Perylene-d12	24.67	264	458060	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	671950	151.20	ng	-0.03
7) Phenol-d6	7.11	99	895434	144.14	ng	-0.02
23) Nitrobenzene-d5	9.09	82	467954	71.39	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	318623	134.63	ng	-0.02
45) 2-Fluorobiphenyl	13.19	172	1045760	83.78	ng	-0.03
79) Terphenyl-d14	19.93	244	1452379	87.01	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.39	88	95933	49.507	ng	97
3) Pyridine	3.79	79	200743	35.068	ng	95
4) n-Nitrosodimethylamine	3.70	42	102454	40.200	ng	95
6) Aniline	7.25	93	274787	33.677	ng	98
8) 2-Chlorophenol	7.50	128	261047	50.034	ng	98
9) Benzaldehyde	7.07	77	128504	32.320	ng	96
10) Phenol	7.14	94	320575	50.086	ng	98
11) bis(2-Chloroethyl)ether	7.35	93	235330	42.594	ng	97
12) 1,3-Dichlorobenzene	7.82	146	255517	41.851	ng	100
13) 1,4-Dichlorobenzene	7.96	146	260276	43.206	ng	99
14) 1,2-Dichlorobenzene	8.29	146	246246	42.587	ng	99
15) Benzyl Alcohol	8.17	79	219342	44.738	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.46	45	324228	37.932	ng	98
17) 2-Methylphenol	8.38	107	225689	48.726	ng	97
18) Hexachloroethane	9.02	117	96181	41.032	ng	97
19) n-Nitroso-di-n-propylamine	8.74	70	190036	41.077	ng	97
20) 3+4-Methylphenols	8.71	107	312196	48.316	ng	98
22) Acetophenone	8.75	105	350193	40.171	ng	# 98
24) Nitrobenzene	9.13	77	267122	41.147	ng	99
25) Isophorone	9.66	82	513724	41.775	ng	100
26) 2-Nitrophenol	9.84	139	147017	47.866	ng	94
27) 2,4-Dimethylphenol	9.91	122	252692	54.654	ng	98
28) bis(2-Chloroethoxy)methane	10.14	93	334040	40.745	ng	98
29) 2,4-Dichlorophenol	10.39	162	259522	47.058	ng	97
30) 1,2,4-Trichlorobenzene	10.60	180	251564	40.682	ng	99
31) Naphthalene	10.78	128	756167	44.563	ng	99
32) Benzoic acid	10.06	122	127966	35.815	ng	94
33) 4-Chloroaniline	10.89	127	173804	21.475	ng	97
34) Hexachlorobutadiene	11.08	225	145512	38.542	ng	98
35) Caprolactam	11.66	113	70045	34.118	ng	98
36) 4-Chloro-3-methylphenol	12.02	107	272106	46.347	ng	98
37) 2-Methylnaphthalene	12.39	142	563602	44.118	ng	96
38) 1-Methylnaphthalene	12.61	142	538809	44.502	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	261546	39.456	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	357215	103.944	ng	98
43) 2,4,6-Trichlorophenol	13.01	196	203039	44.515	ng	99
44) 2,4,5-Trichlorophenol	13.08	196	211898	45.044	ng	98
46) 1,1'-Biphenyl	13.41	154	705987	43.538	ng	98
47) 2-Chloronaphthalene	13.45	162	555669	42.408	ng	97
48) 2-Nitroaniline	13.64	65	166174	39.426	ng	97
49) Acenaphthylene	14.29	152	871587	46.280	ng	97
50) Dimethylphthalate	14.02	163	690600	43.006	ng	97
51) 2,6-Dinitrotoluene	14.14	165	158540	43.680	ng	94
52) Acenaphthene	14.63	154	546744	41.397	ng	97
53) 3-Nitroaniline	14.47	138	116748	28.326	ng	95
54) 2,4-Dinitrophenol	14.67	184	185088	98.720	ng	98
55) Dibenzofuran	14.97	168	824931	45.372	ng	97
56) 4-Nitrophenol	14.79	139	291706	92.357	ng	94
57) 2,4-Dinitrotoluene	14.93	165	218955	44.335	ng	98
58) Fluorene	15.62	166	647278	44.917	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.20	232	181046	44.757	ng	99
60) Diethylphthalate	15.39	149	701449	43.673	ng	97
61) 4-Chlorophenyl-phenylether	15.61	204	333584	42.631	ng	96
62) 4-Nitroaniline	15.63	138	160242	39.369	ng	95
63) Azobenzene	15.90	77	648252	43.521	ng	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	128307	51.624	ng	95
66) n-Nitrosodiphenylamine	15.83	169	610022	43.246	ng	96
67) 4-Bromophenyl-phenylether	16.50	248	215239	39.953	ng	99
68) Hexachlorobenzene	16.62	284	230185	39.653	ng	98
69) Atrazine	16.77	200	222709	48.571	ng	99
70) Pentachlorophenol	16.97	266	255670	79.897	ng	99
71) Phenanthrene	17.36	178	1019082	44.355	ng	97
72) Anthracene	17.45	178	1052261	46.342	ng	97
73) Carbazole	17.71	167	932347	44.452	ng	96
74) Di-n-butylphthalate	18.28	149	1160238	43.327	ng	96
75) Fluoranthene	19.36	202	1165004	44.338	ng	97
77) Benzidine	19.54	184	470786	46.251	ng	99
78) Pyrene	19.73	202	1173707	44.402	ng	96
80) Butylbenzylphthalate	20.61	149	544353	43.255	ng	97
81) Benzo(a)anthracene	21.54	228	1109409	44.181	ng	96
82) 3,3'-Dichlorobenzidine	21.46	252	318891	32.144	ng	99
83) Chrysene	21.61	228	1079709	45.252	ng	95
84) Bis(2-ethylhexyl)phthalate	21.47	149	773595	44.550	ng	98
85) Di-n-octyl phthalate	22.64	149	1327906	45.488	ng	97
86) Indeno(1,2,3-cd)pyrene	28.20	276	1346714	41.532	ng	# 92
88) Benzo(b)fluoranthene	23.69	252	1164930	43.019	ng	98
89) Benzo(k)fluoranthene	23.76	252	1138371	44.207	ng	98
90) Benzo(a)pyrene	24.52	252	1074413	42.038	ng	98
91) Dibenzo(a,h)anthracene	28.26	278	1106769	43.119	ng	98
92) Benzo(g,h,i)perylene	29.30	276	1127771	44.233	ng	98

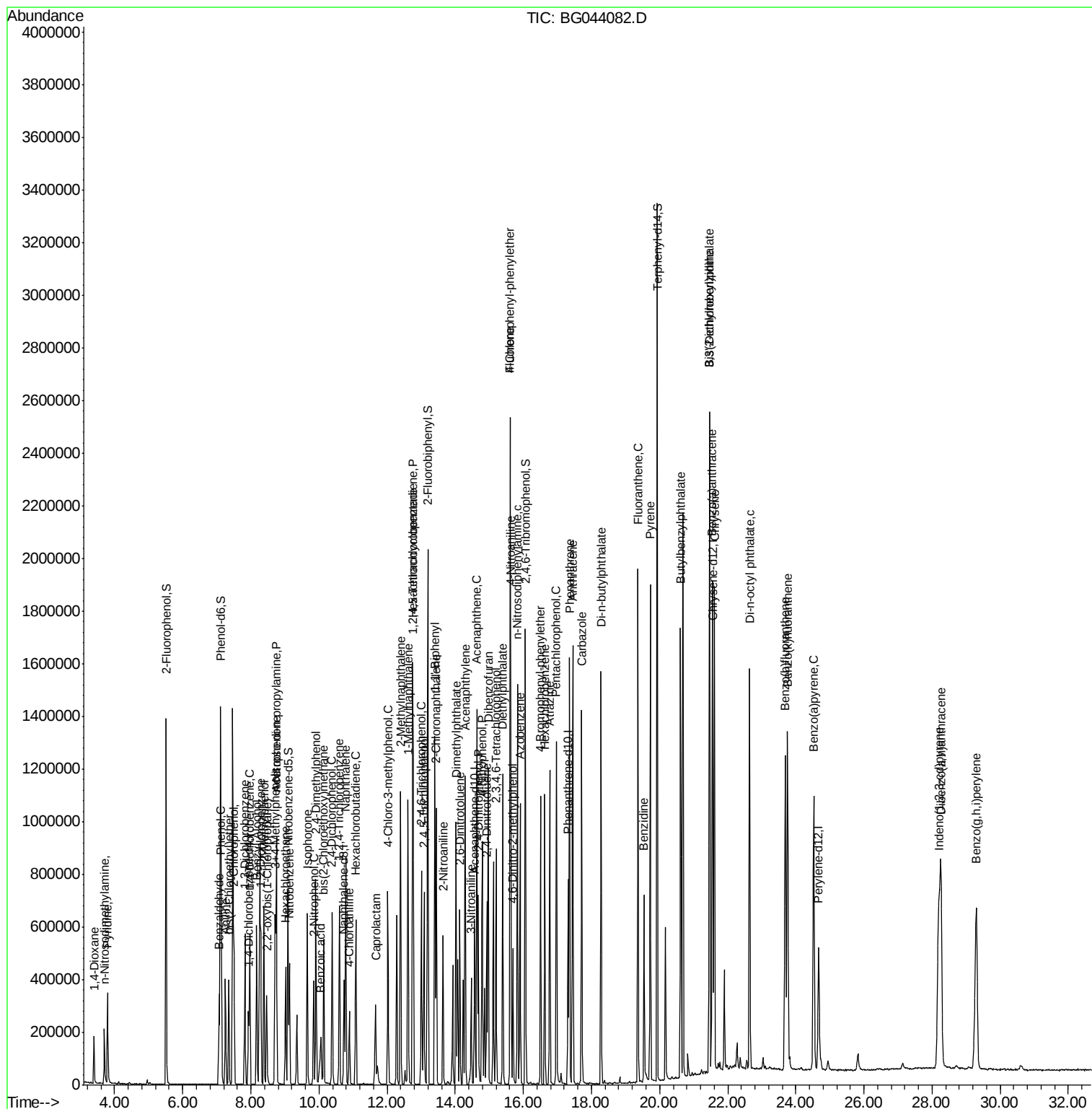
(#) = qualifier out of range (m) = manual integration (+) = signals summed

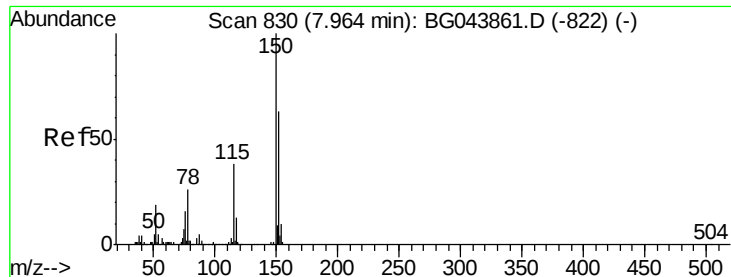
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.93 min Scan# 825

Delta R.T. -0.03 min

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BNA_G

ClientSampleId :

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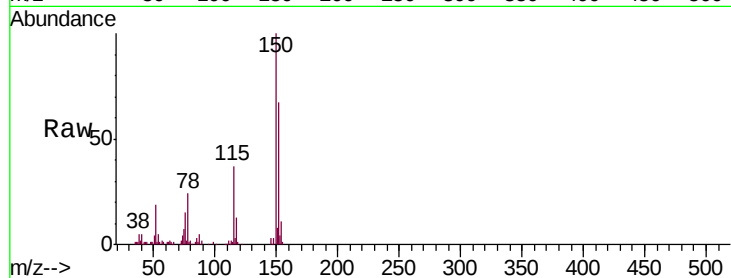
Tgt Ion:152 Resp: 81601

Ion Ratio Lower Upper

152 100

150 149.9 127.0 190.4

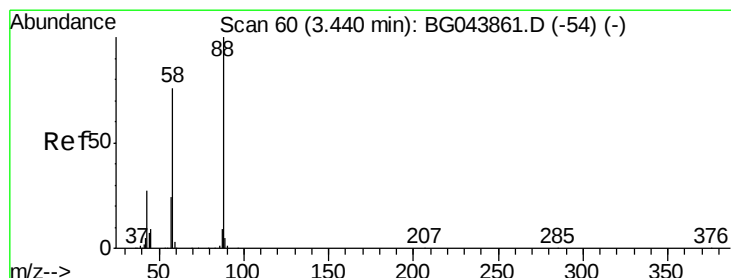
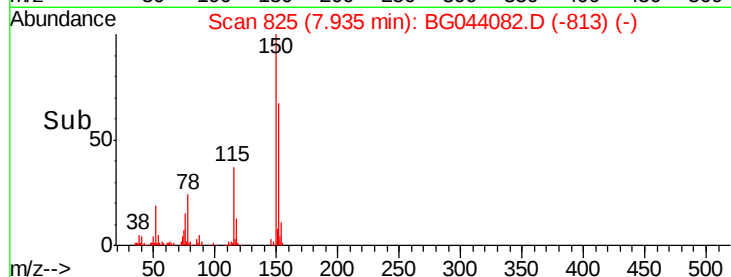
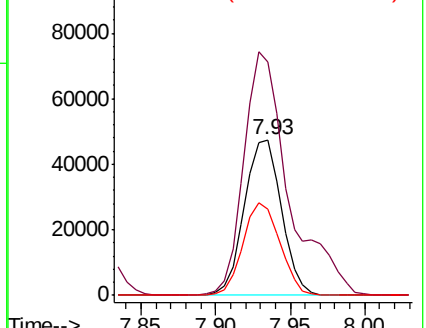
115 55.6 47.8 71.8



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: 49.507 ng

RT: 3.39 min Scan# 52

Delta R.T. -0.05 min

Lab File: BG044082.D

Acq: 17 Jan 2020 19:57

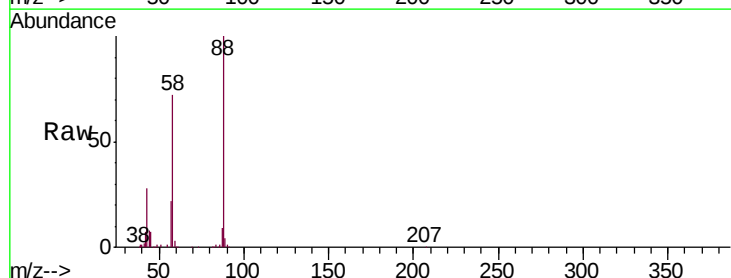
Tgt Ion: 88 Resp: 95933

Ion Ratio Lower Upper

88 100

58 71.4 59.8 89.8

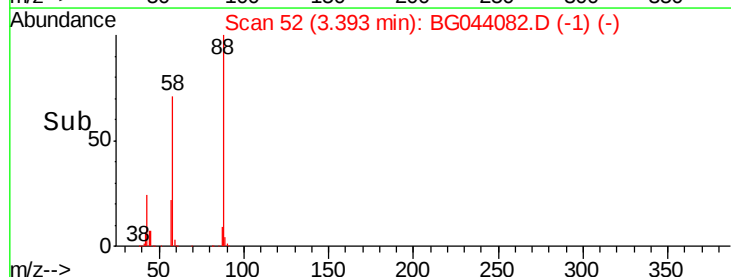
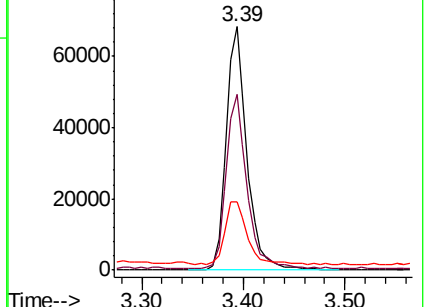
43 28.3 22.9 34.3

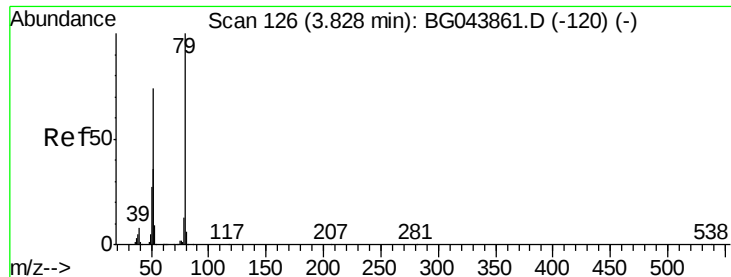


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 35.068 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.04 min

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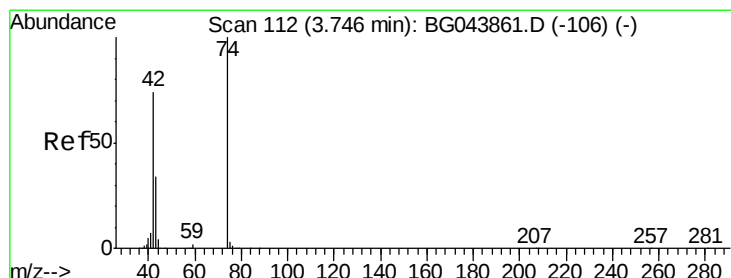
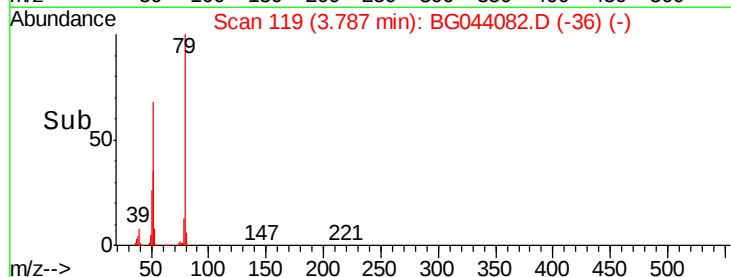
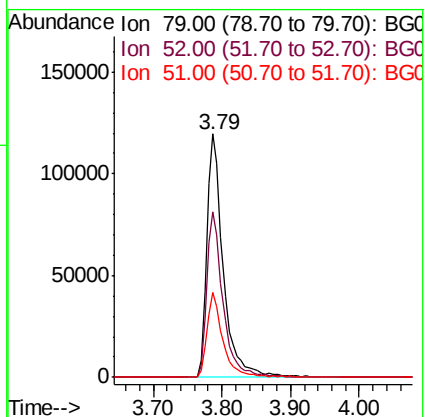
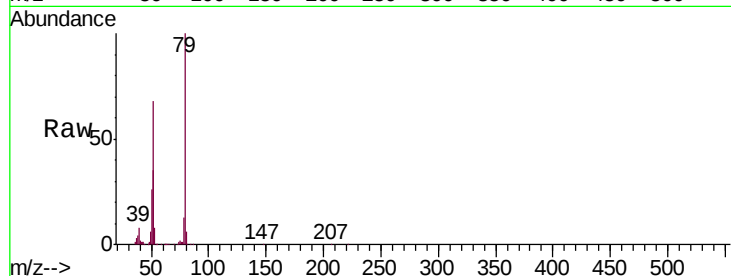
Tgt Ion: 79 Resp: 200743

Ion Ratio Lower Upper

79 100

52 67.8 58.9 88.3

51 35.0 28.6 43.0



#4

n-Nitrosodimethylamine

Concen: 40.200 ng

RT: 3.70 min Scan# 104

Delta R.T. -0.05 min

Lab File: BG044082.D

Acq: 17 Jan 2020 19:57

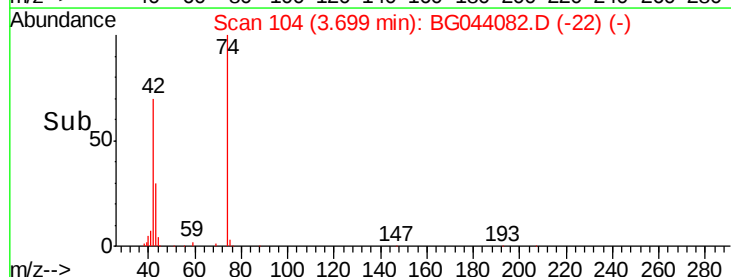
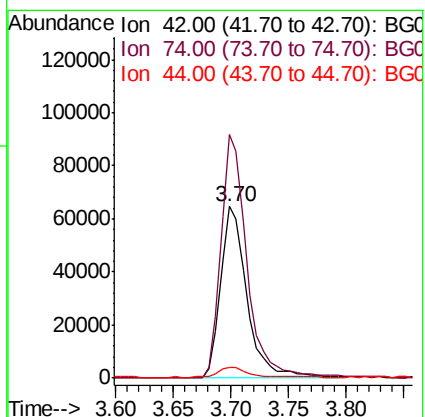
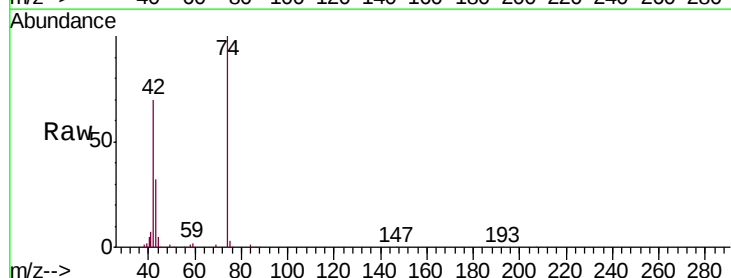
Tgt Ion: 42 Resp: 102454

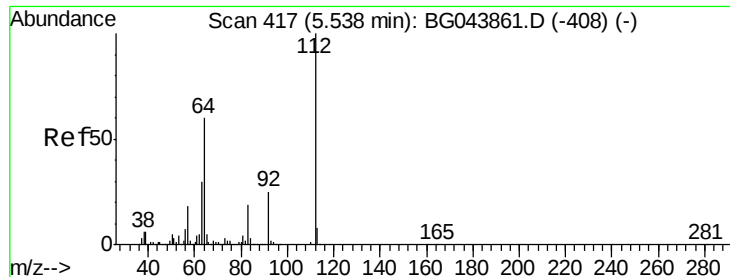
Ion Ratio Lower Upper

42 100

74 142.0 108.6 162.8

44 6.4 5.0 7.6





#5

2-Fluorophenol

Concen: 151.197 ng

RT: 5.51 min Scan# 412

Delta R.T. -0.03 min

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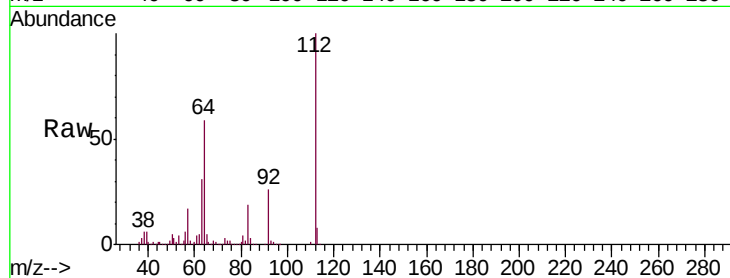
Tgt Ion:112 Resp: 671950

Ion Ratio Lower Upper

112 100

64 58.9 47.8 71.6

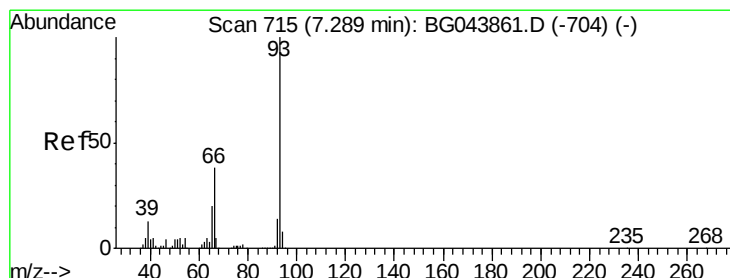
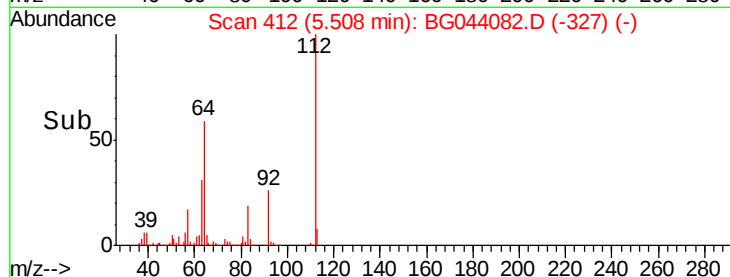
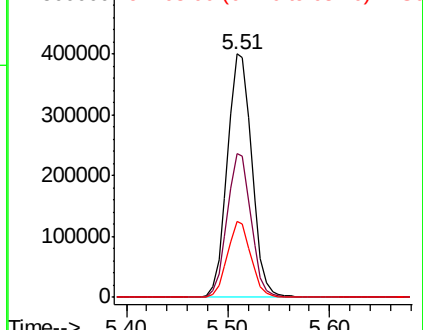
63 31.3 24.3 36.5



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: 33.677 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.04 min

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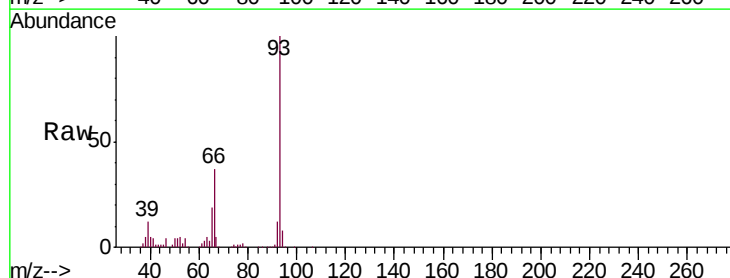
Tgt Ion: 93 Resp: 274787

Ion Ratio Lower Upper

93 100

66 37.1 30.8 46.2

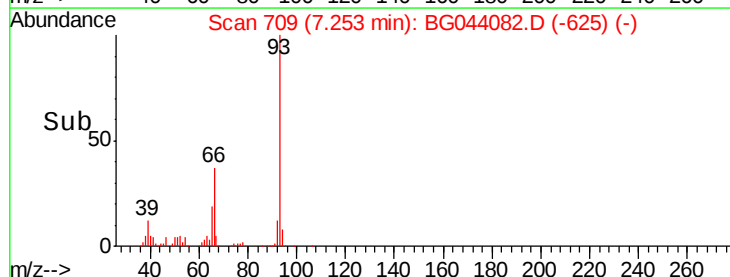
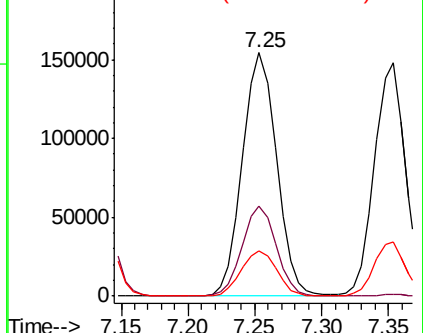
65 18.6 16.0 24.0

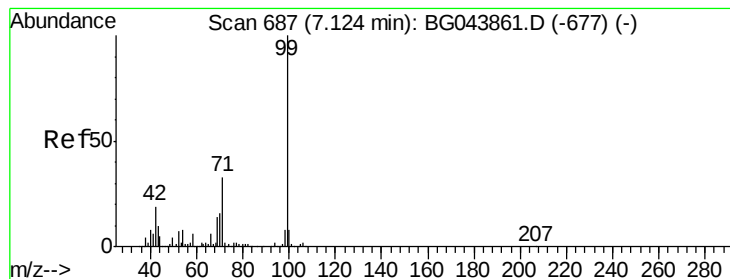


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 144.141 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.02 min

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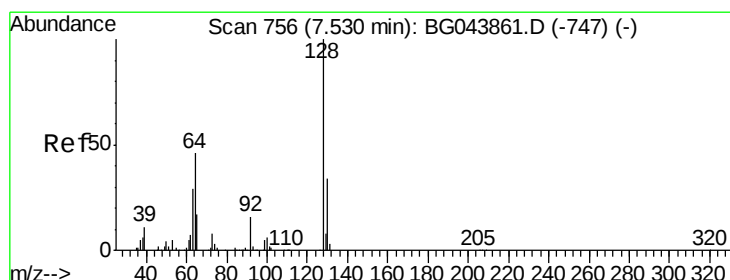
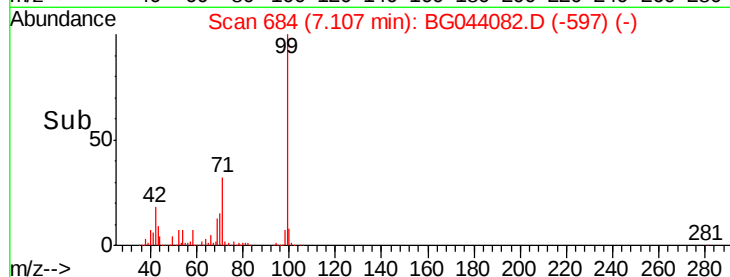
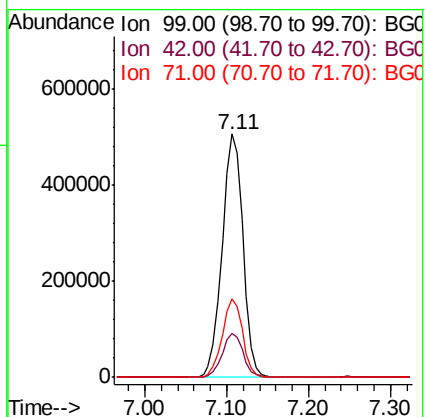
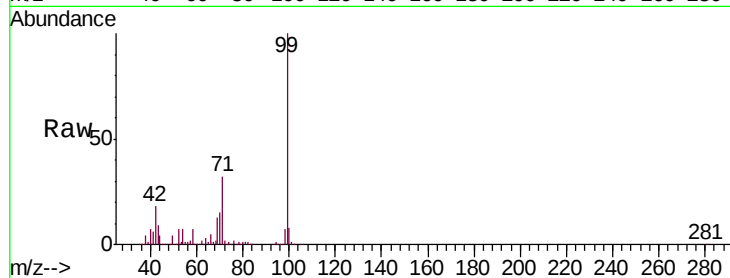
Tgt Ion: 99 Resp: 895434

Ion Ratio Lower Upper

99 100

42 18.3 14.9 22.3

71 32.0 26.4 39.6



#8

2-Chlorophenol

Concen: 50.034 ng

RT: 7.50 min Scan# 751

Delta R.T. -0.03 min

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Acq: 17 Jan 2020 19:57

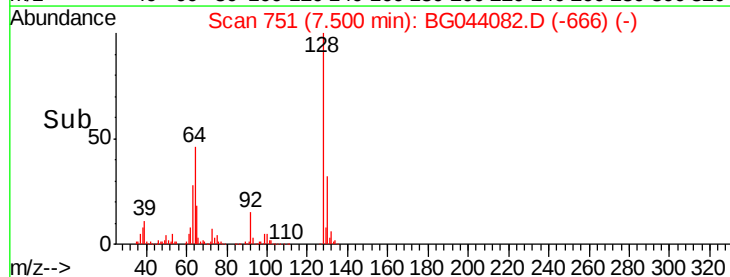
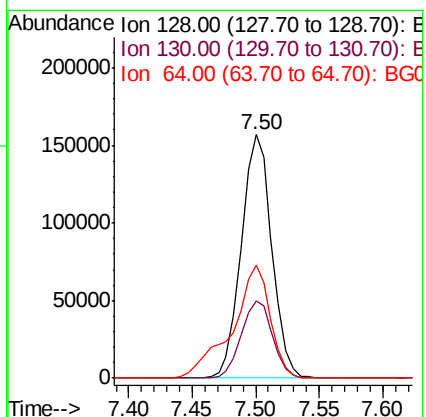
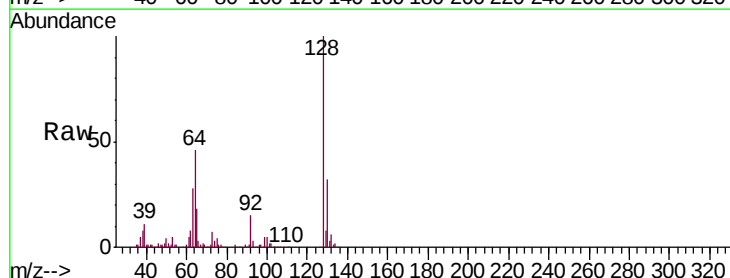
Tgt Ion: 128 Resp: 261047

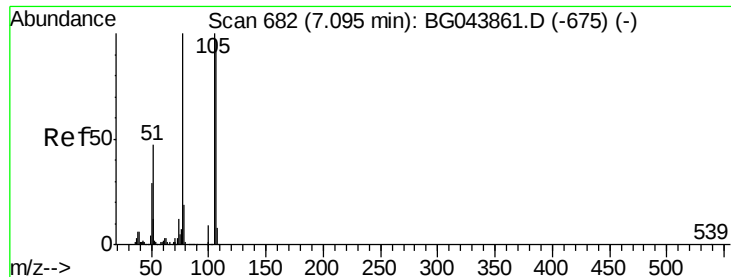
Ion Ratio Lower Upper

128 100

130 31.9 13.8 53.8

64 46.4 27.6 67.6





#9

Benzaldehyde

Concen: 32.320 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.03 min

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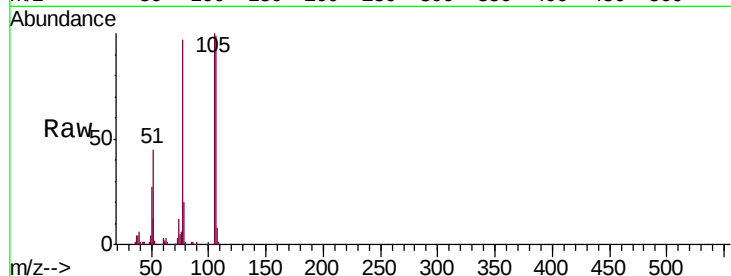
Tgt Ion: 77 Resp: 128504

Ion Ratio Lower Upper

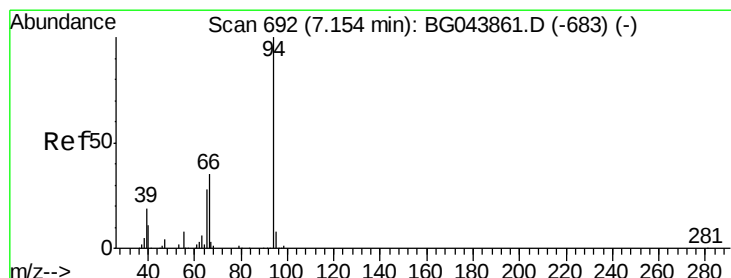
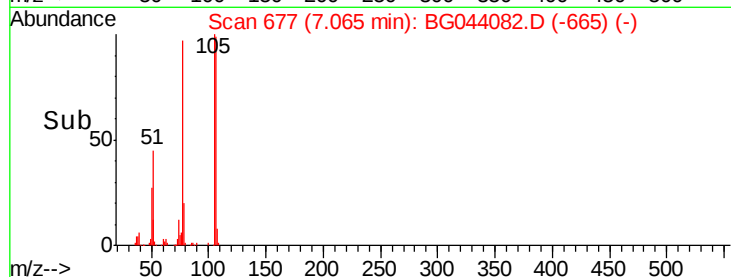
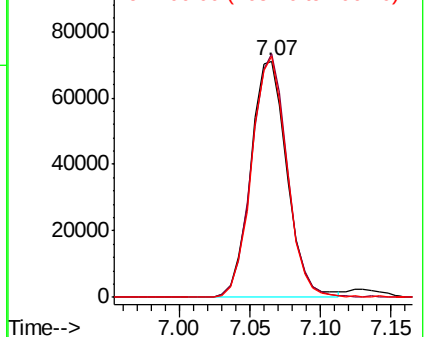
77 100

105 103.0 80.2 120.2

106 102.0 77.2 117.2



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



#10

Phenol

Concen: 50.086 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.02 min

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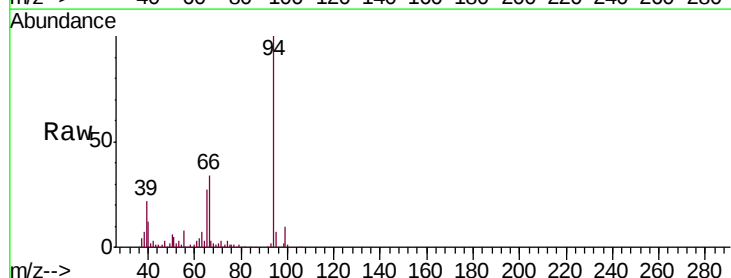
Tgt Ion: 94 Resp: 320575

Ion Ratio Lower Upper

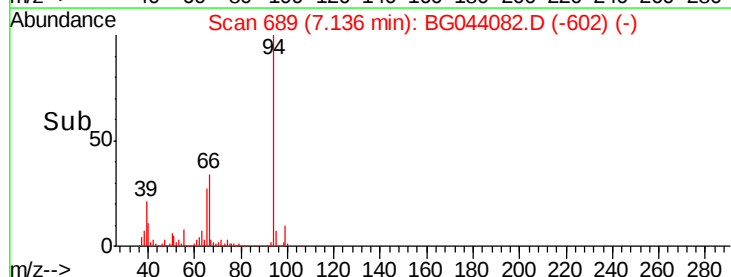
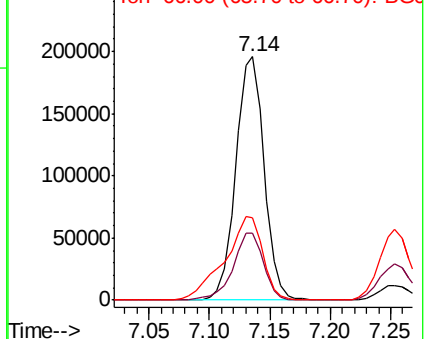
94 100

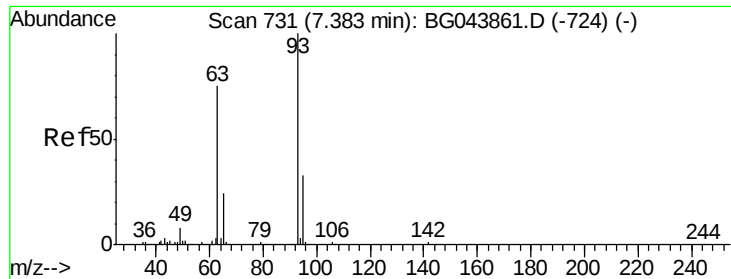
65 27.4 8.1 48.1

66 33.9 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

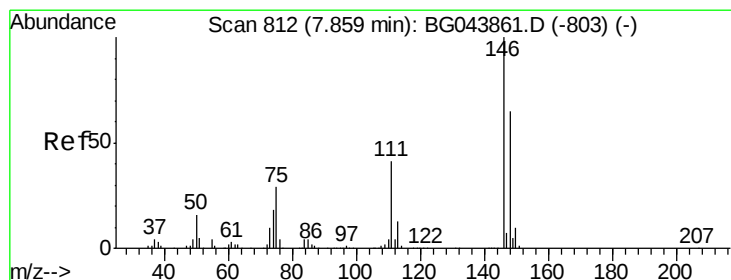
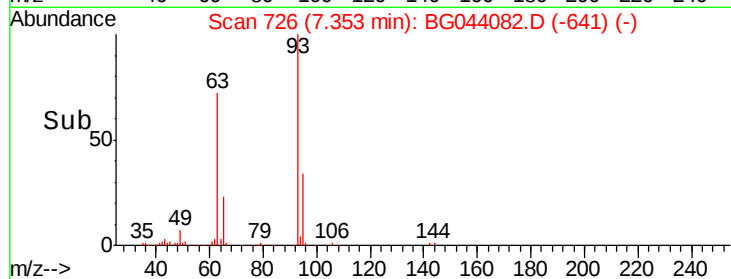
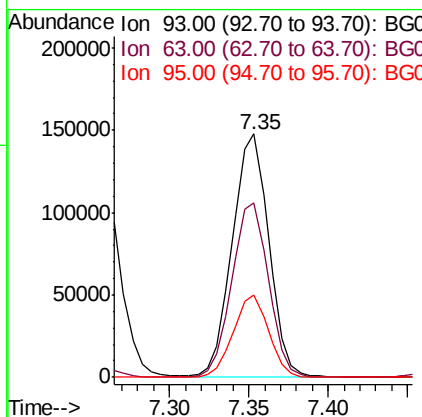
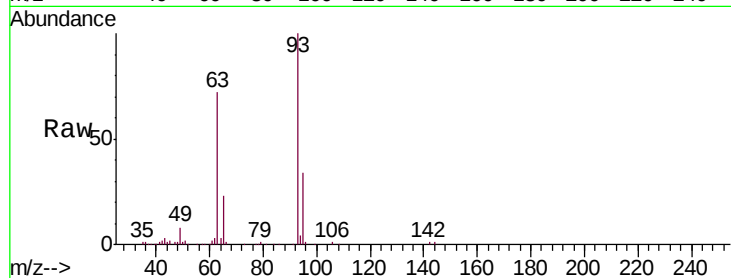




#11
 bis(2-Chloroethyl)ether
 Concen: 42.594 ng
 RT: 7.35 min Scan# 726
 Delta R.T. -0.03 min
 Lab File: BG044082.D
 Acq: 17 Jan 2020 19:57

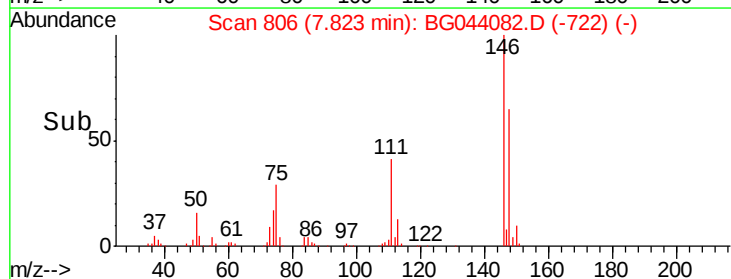
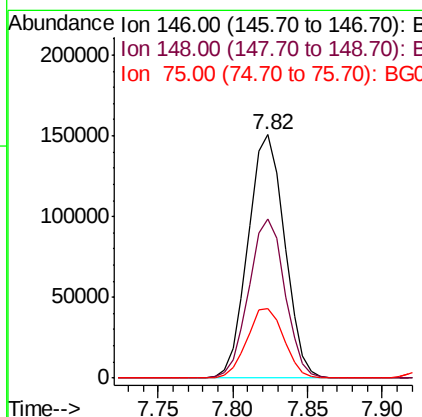
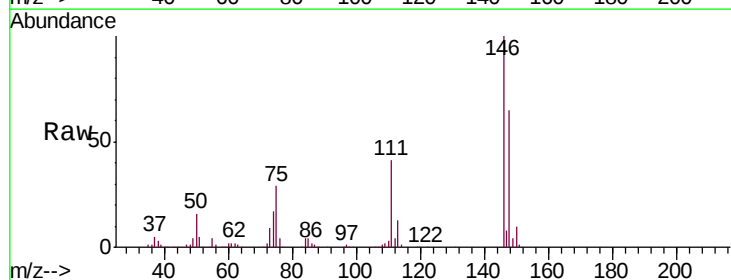
Instrument :
 BNA_G
 ClientSampleId :
 PB126154BS

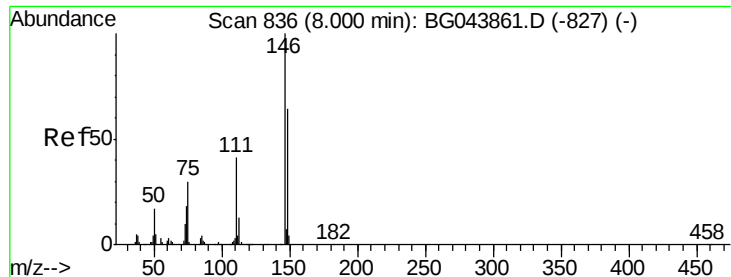
Tgt Ion	Ratio	Lower	Upper
93	100		
63	71.7	55.0	95.0
95	33.7	13.3	53.3



#12
 1,3-Dichlorobenzene
 Concen: 41.851 ng
 RT: 7.82 min Scan# 806
 Delta R.T. -0.04 min
 Lab File: BG044082.D
 Acq: 17 Jan 2020 19:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.1	78.1
75	28.7	23.0	34.4

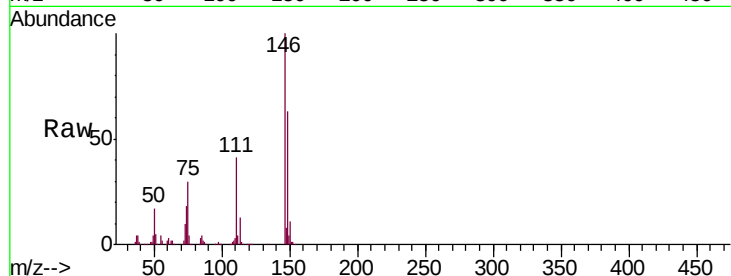




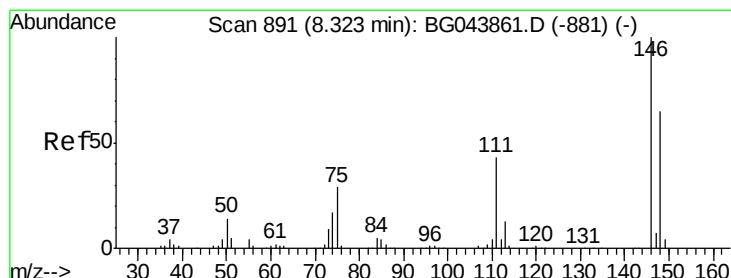
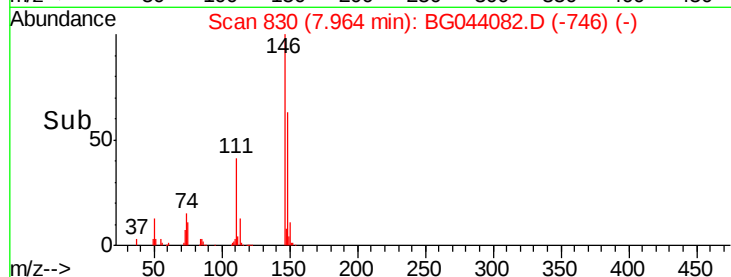
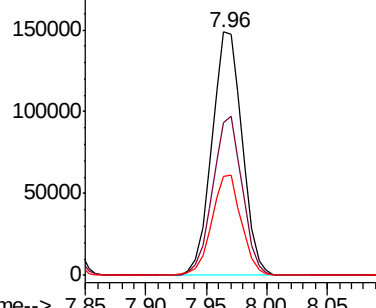
#13
 1,4-Dichlorobenzene
 Concen: 43.206 ng
 RT: 7.96 min Scan# 830
 Delta R.T. -0.04 min
 Lab File: BG044082.D
 Acq: 17 Jan 2020 19:57

Instrument :
 BNA_G
 ClientSampleId :
 PB126154BS

Tgt Ion:146 Resp: 260276
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.2 76.8
 111 40.9 33.1 49.7

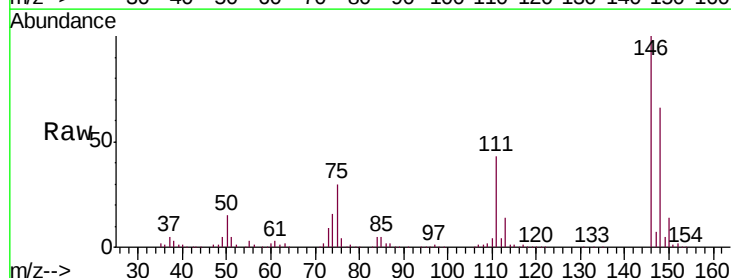


Abundance Ion 146.00 (145.70 to 146.70): E
 200000 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

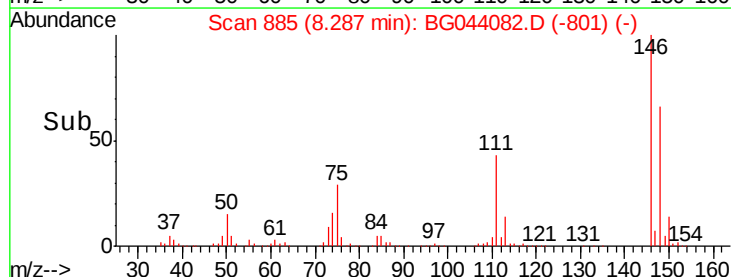
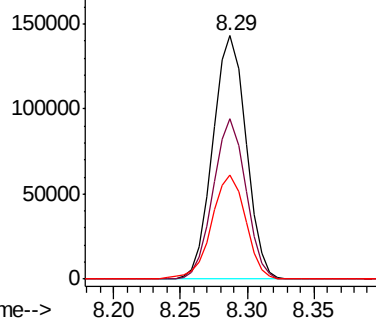


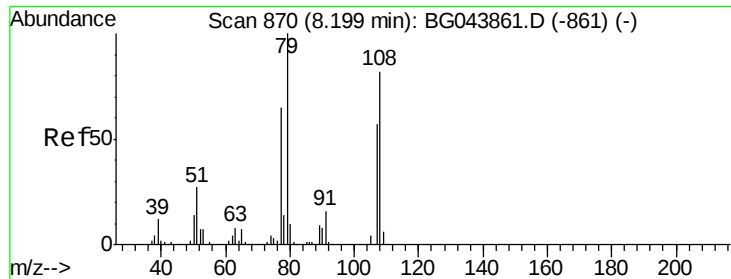
#14
 1,2-Dichlorobenzene
 Concen: 42.587 ng
 RT: 8.29 min Scan# 885
 Delta R.T. -0.04 min
 Lab File: BG044082.D
 Acq: 17 Jan 2020 19:57

Tgt Ion:146 Resp: 246246
 Ion Ratio Lower Upper
 146 100
 148 65.6 51.7 77.5
 111 43.0 34.4 51.6



Abundance Ion 146.00 (145.70 to 146.70): E
 200000 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.738 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.03 min

Lab File: BG044082.D

Acq: 17 Jan 2020 19:57

Instrument :

BNA_G

ClientSampleId :

PB126154BS

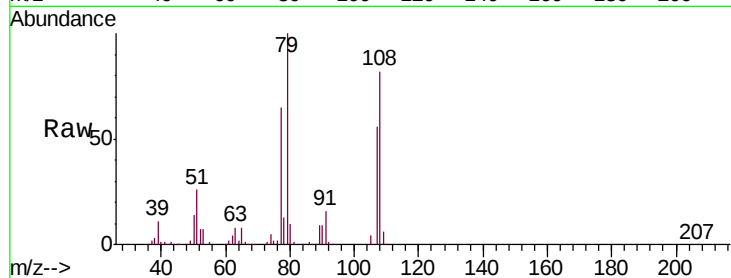
Tgt Ion: 79 Resp: 219342

Ion Ratio Lower Upper

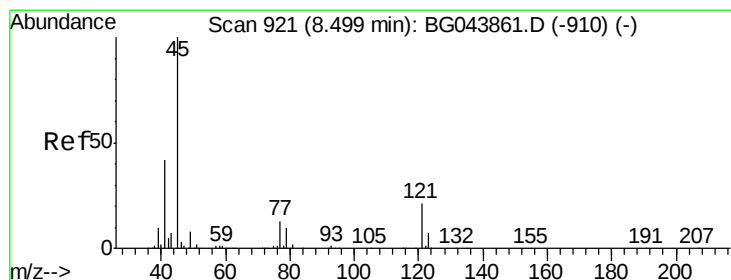
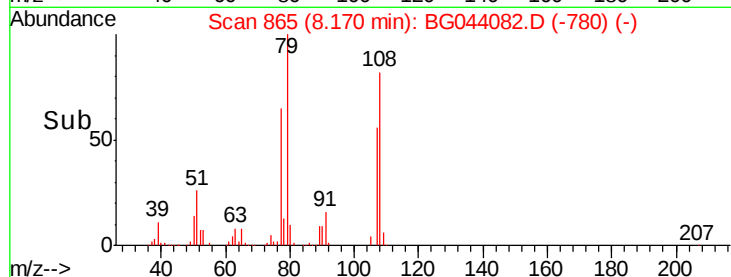
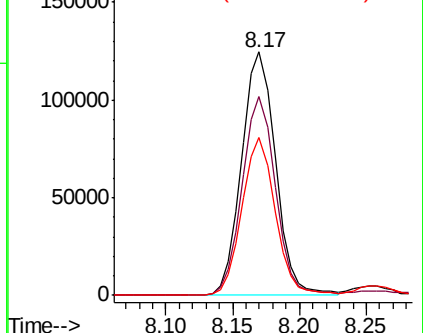
79 100

108 81.7 65.6 98.4

77 65.0 52.0 78.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.932 ng

RT: 8.46 min Scan# 914

Delta R.T. -0.04 min

Lab File: BG044082.D

Acq: 17 Jan 2020 19:57

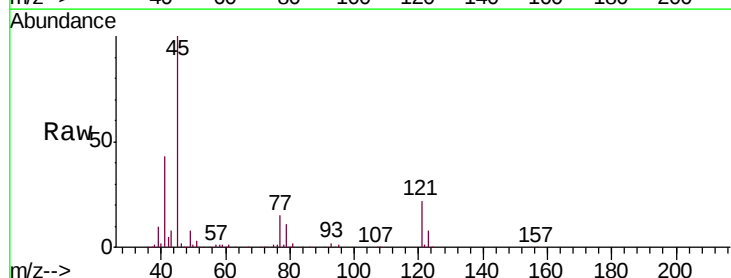
Tgt Ion: 45 Resp: 324228

Ion Ratio Lower Upper

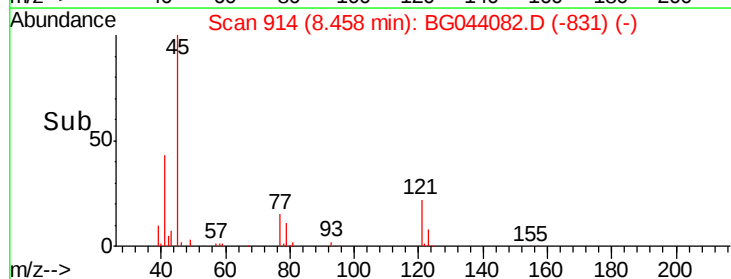
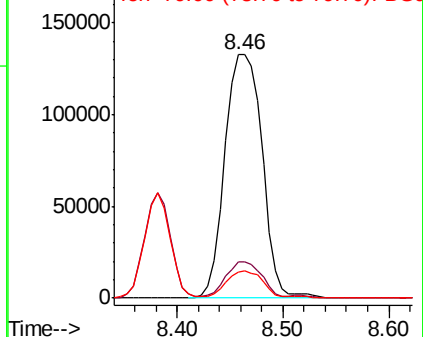
45 100

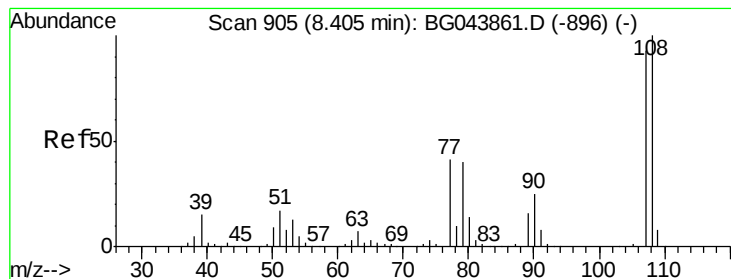
77 14.7 0.0 33.8

79 10.6 0.0 31.0



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 48.726 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG044082.D

Acq: 17 Jan 2020 19:57

Instrument :

BNA_G

ClientSampleId :

PB126154BS

Tgt Ion:107 Resp: 225689

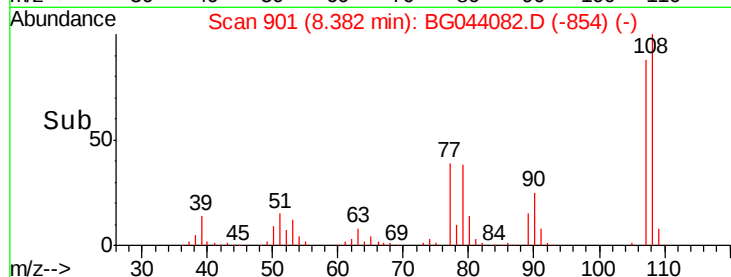
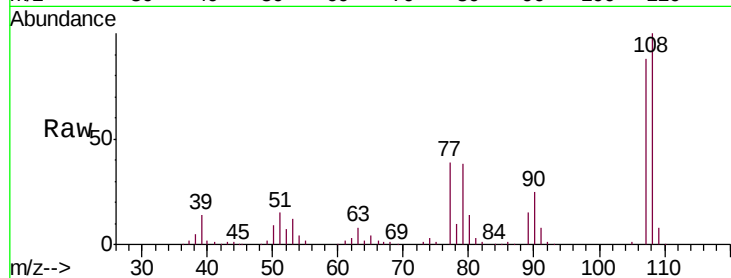
Ion Ratio Lower Upper

107 100

108 113.5 86.1 129.1

77 43.9 35.4 53.0

79 43.5 34.8 52.2

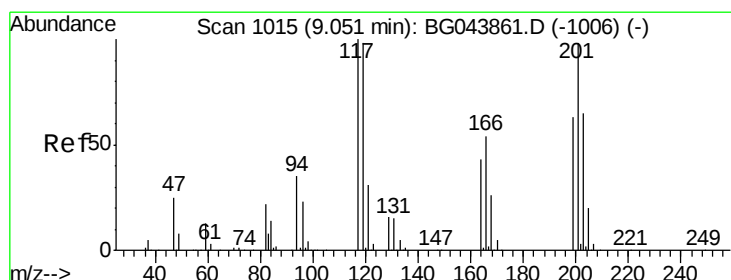
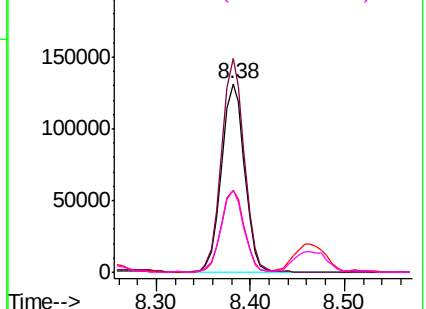


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.032 ng

RT: 9.02 min Scan# 1009

Delta R.T. -0.04 min

Lab File: BG044082.D

Acq: 17 Jan 2020 19:57

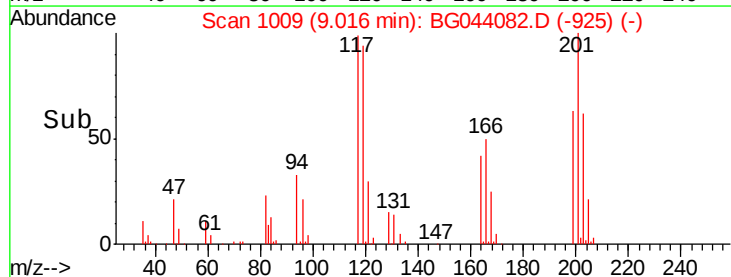
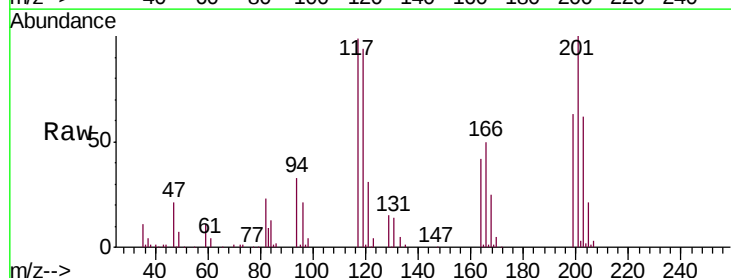
Tgt Ion:117 Resp: 96181

Ion Ratio Lower Upper

117 100

119 94.2 78.1 117.1

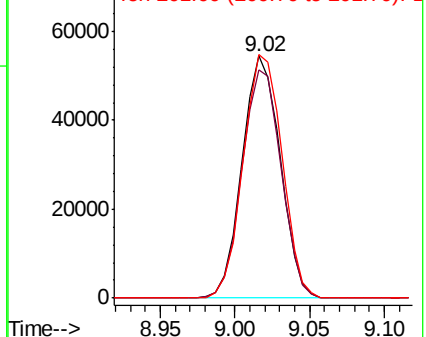
201 100.7 78.6 117.8

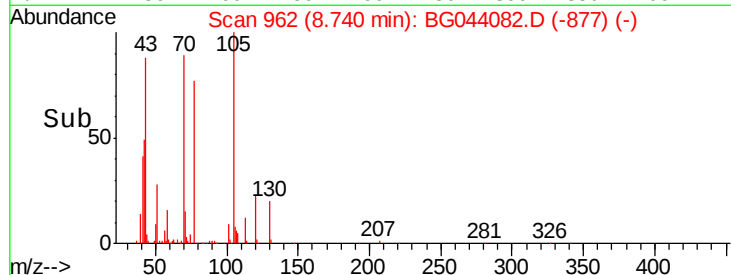
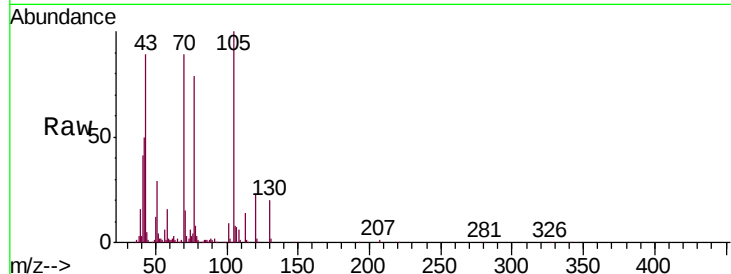
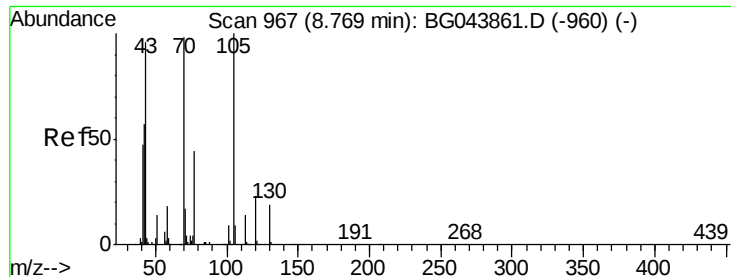


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

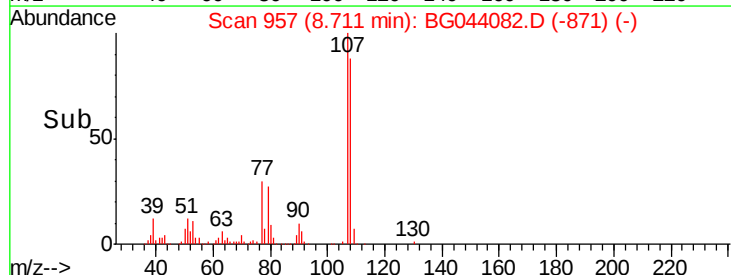
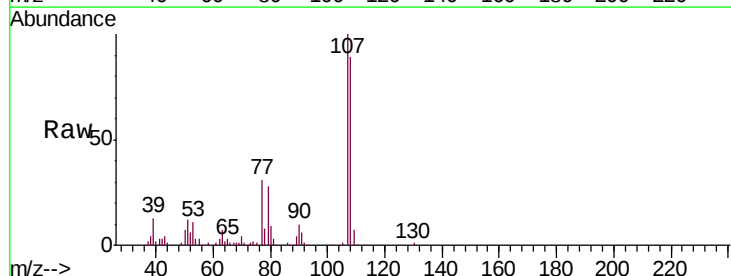
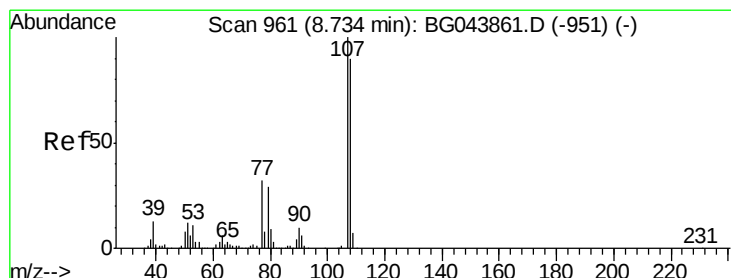
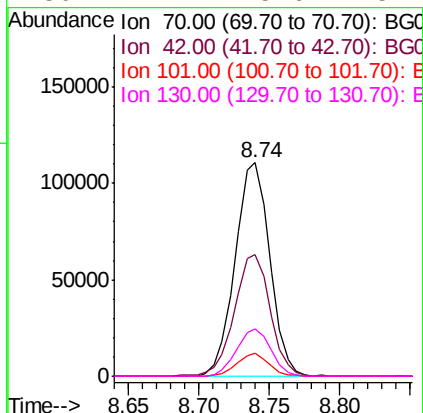




#19
n-Nitroso-di-n-propylamine
Concen: 41.077 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.03 min
Lab File: BG044082.D
Acq: 17 Jan 2020 19:57

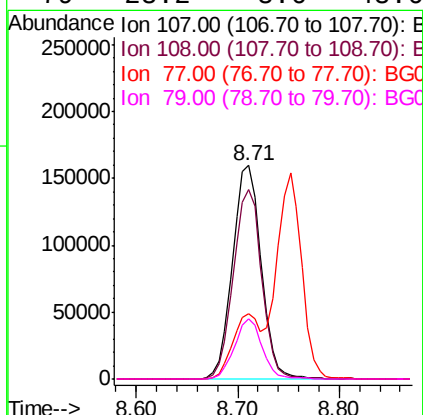
Instrument :
BNA_G
ClientSampleId :
PB126154BS

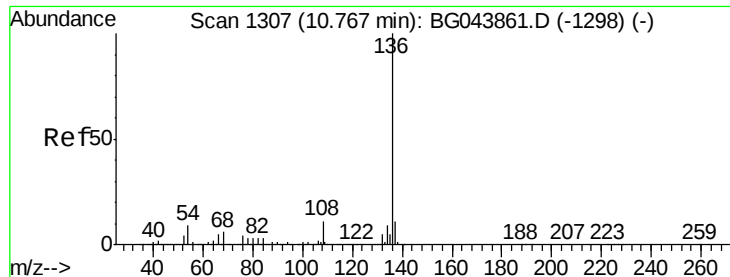
Tgt Ion:	70	Resp:	190036
Ion	Ratio	Lower	Upper
70	100		
42	56.9	47.0	70.4
101	10.6	7.2	10.8
130	22.1	15.6	23.4



#20
3+4-Methylphenols
Concen: 48.316 ng
RT: 8.71 min Scan# 957
Delta R.T. -0.02 min
Lab File: BG044082.D
Acq: 17 Jan 2020 19:57

Tgt Ion:	107	Resp:	312196
Ion	Ratio	Lower	Upper
107	100		
108	88.7	70.3	110.3
77	30.9	12.4	52.4
79	28.2	8.6	48.6

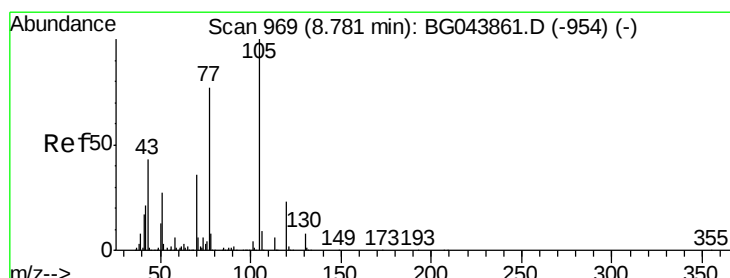
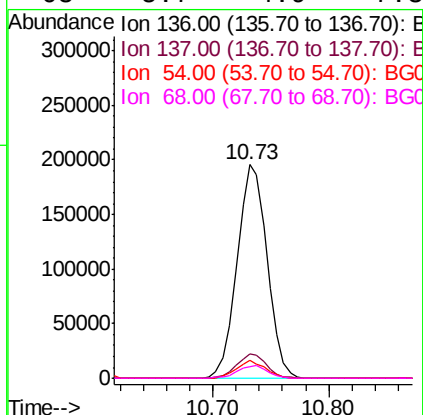
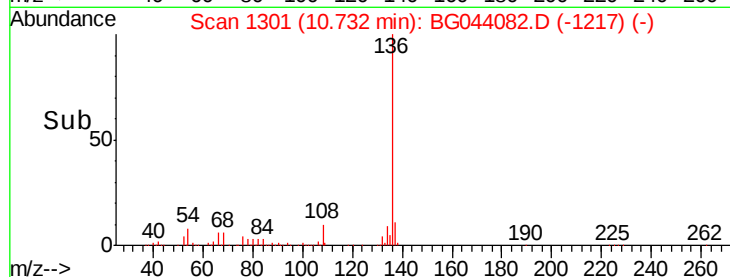
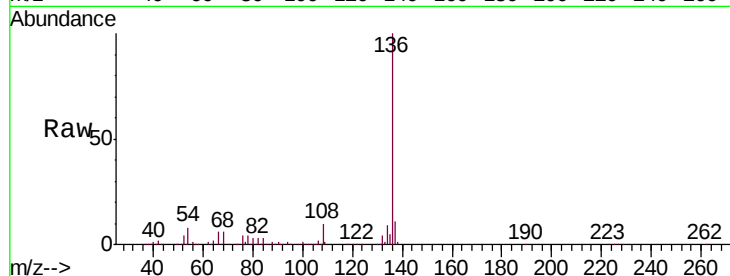




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BG044082.D
Acq: 17 Jan 2020 19:57

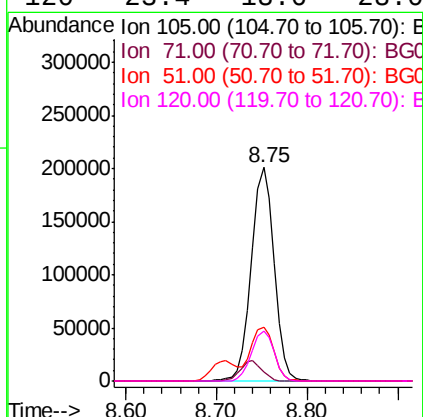
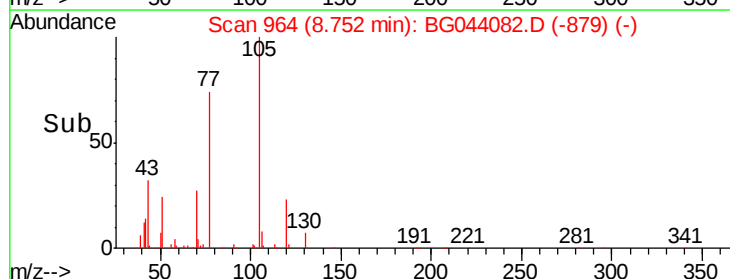
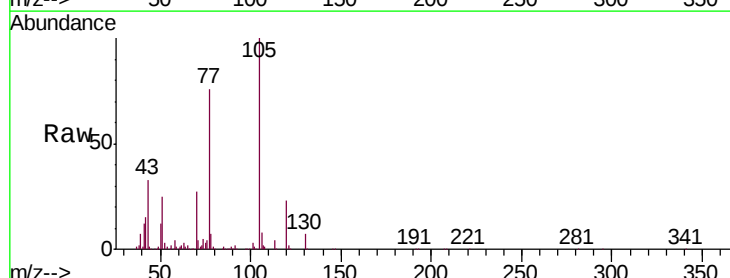
Instrument :
BNA_G
ClientSampleId :
PB126154BS

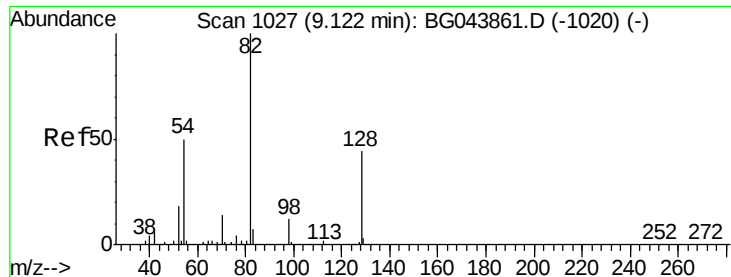
Tgt Ion:	136	Resp:	350650
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	8.1	7.0	10.4
68	5.7	4.9	7.3



#22
Acetophenone
Concen: 40.171 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.03 min
Lab File: BG044082.D
Acq: 17 Jan 2020 19:57

Tgt Ion:	105	Resp:	350193
Ion	Ratio	Lower	Upper
105	100		
71	4.3	4.8	7.2#
51	25.3	21.4	32.0
120	23.4	18.6	28.0

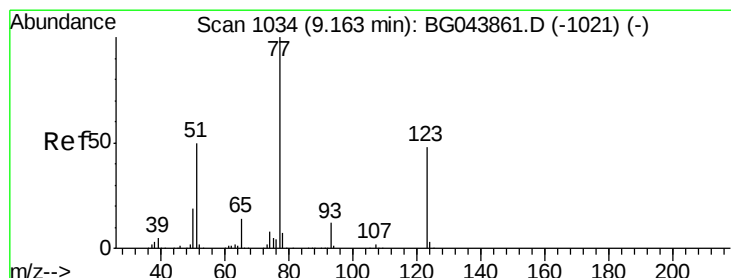
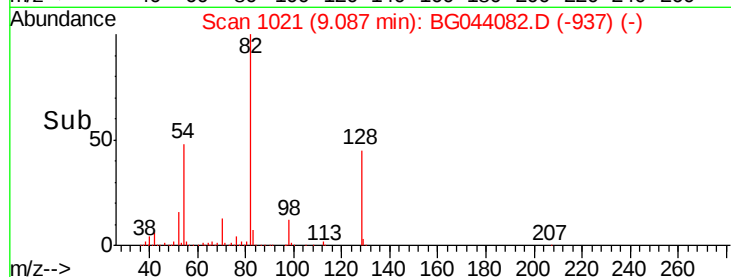
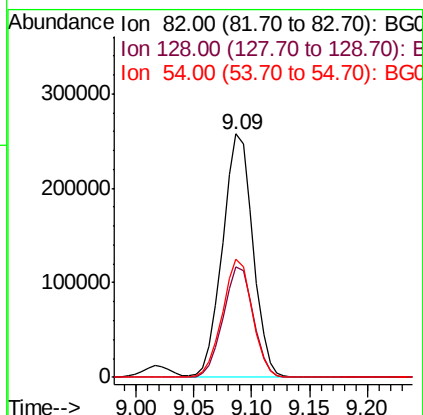
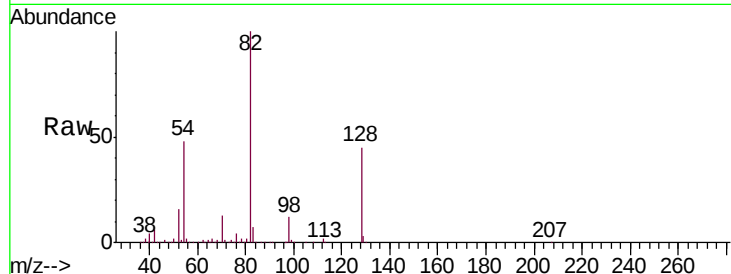




#23
 Nitrobenzene-d5
 Concen: 71.392 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.04 min
 Lab File: BG044082.D
 Acq: 17 Jan 2020 19:57

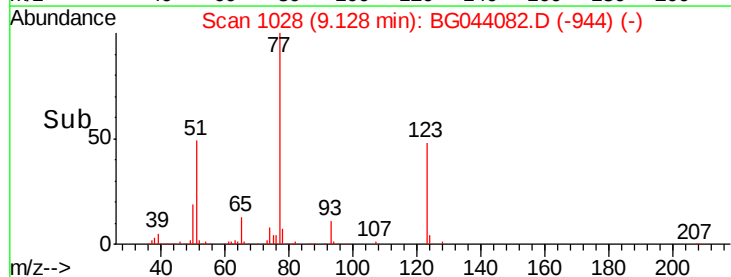
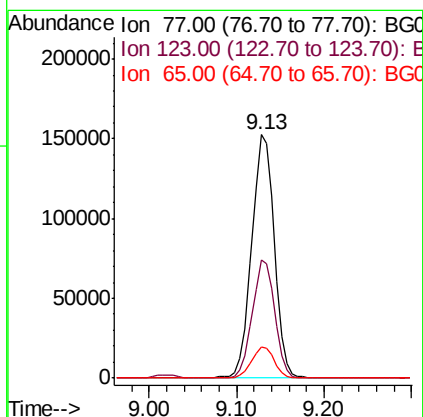
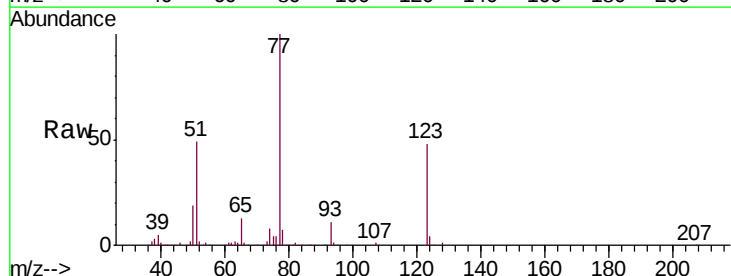
Instrument :
 BNA_G
 ClientSampleId :
 PB126154BS

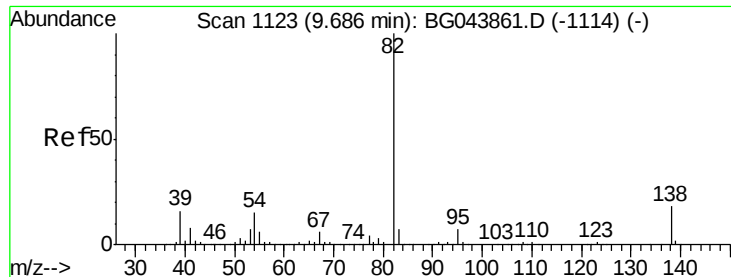
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.1	52.7
54	48.4	40.1	60.1



#24
 Nitrobenzene
 Concen: 41.147 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.04 min
 Lab File: BG044082.D
 Acq: 17 Jan 2020 19:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.4	38.7	58.1
65	13.0	11.1	16.7





#25

Isophorone

Concen: 41.775 ng

RT: 9.66 min Scan# 1118

Delta R.T. -0.03 min

Lab File: BG044082.D

Acq: 17 Jan 2020 19:57

Instrument :

BNA_G

ClientSampleId :

PB126154BS

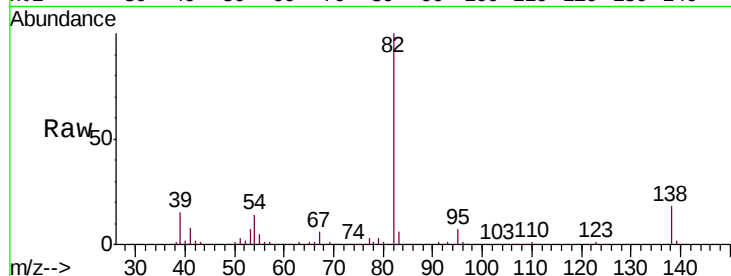
Tgt Ion: 82 Resp: 513724

Ion Ratio Lower Upper

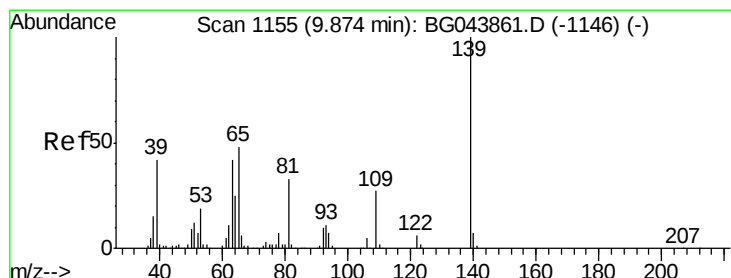
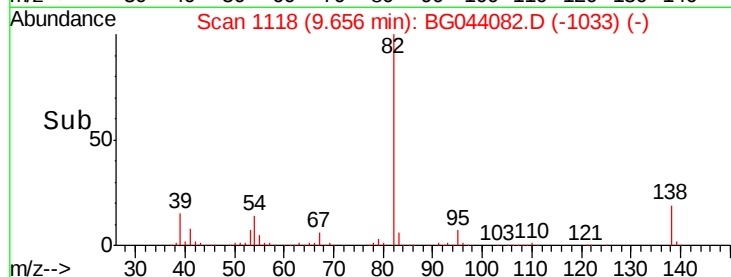
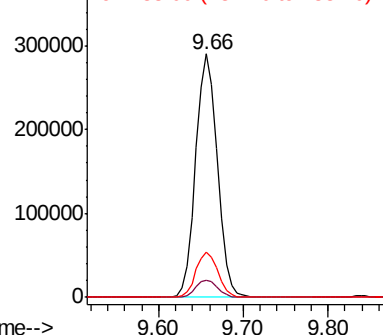
82 100

95 7.3 5.8 8.6

138 18.5 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: 47.866 ng

RT: 9.84 min Scan# 1150

Delta R.T. -0.03 min

Lab File: BG044082.D

Acq: 17 Jan 2020 19:57

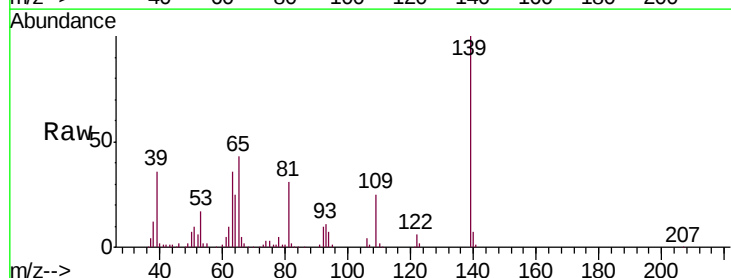
Tgt Ion: 139 Resp: 147017

Ion Ratio Lower Upper

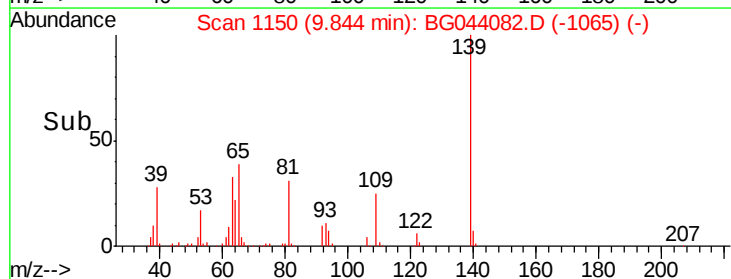
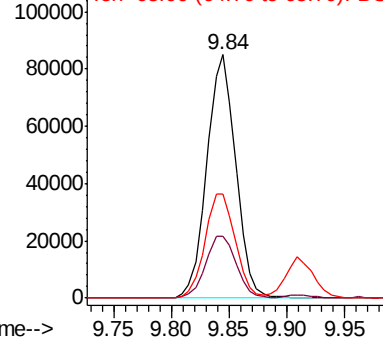
139 100

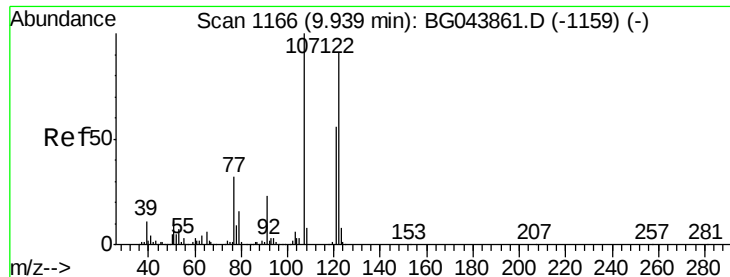
109 25.4 21.3 31.9

65 42.5 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

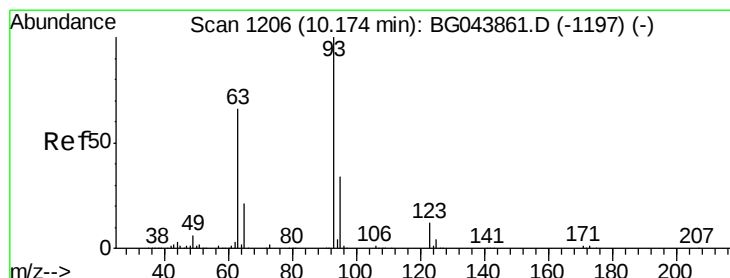
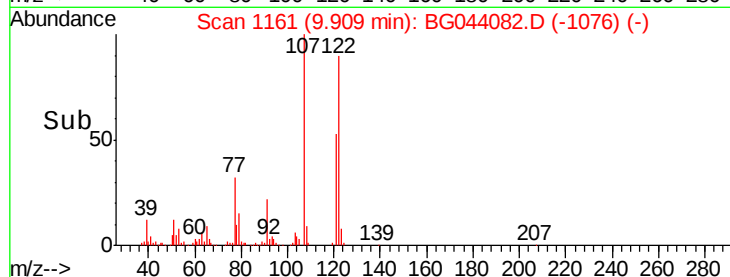
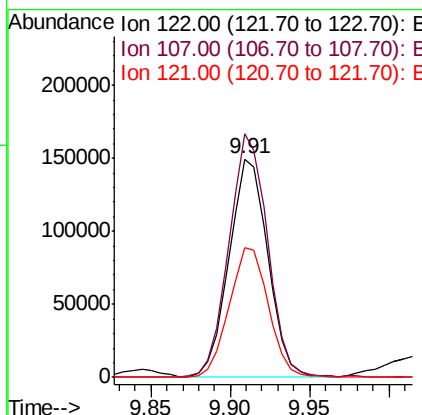
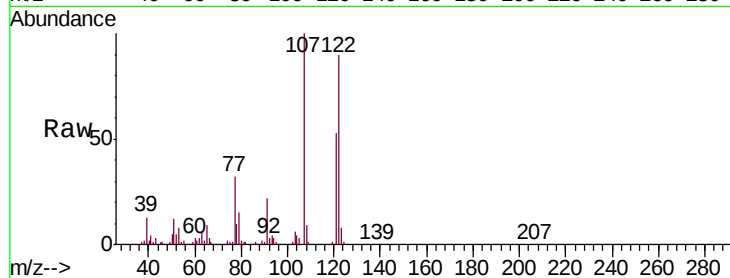




#27
2,4-Dimethylphenol
Concen: 54.654 ng
RT: 9.91 min Scan# 1161
Delta R.T. -0.03 min
Lab File: BG044082.D
Acq: 17 Jan 2020 19:57

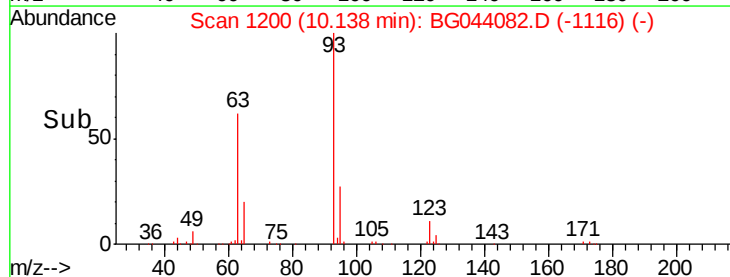
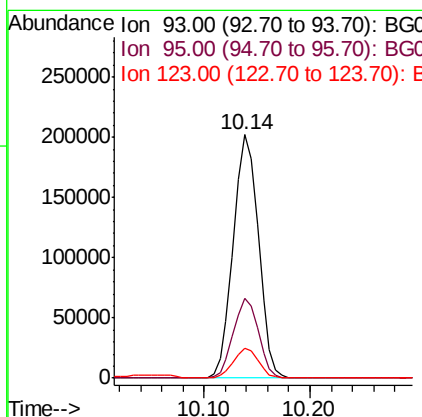
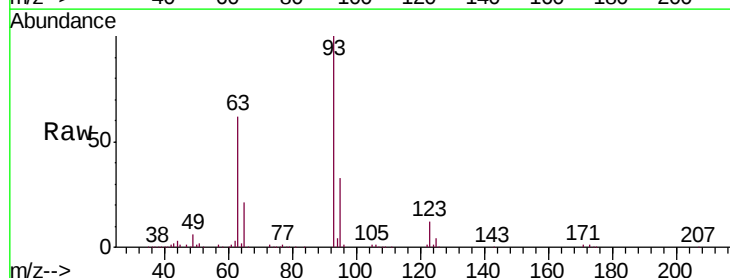
Instrument :
BNA_G
ClientSampleId :
PB126154BS

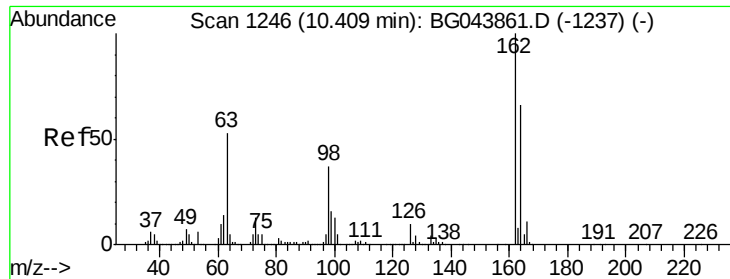
Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.7	88.0	132.0
121	59.7	49.0	73.4



#28
bis(2-Chloroethoxy)methane
Concen: 40.745 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.04 min
Lab File: BG044082.D
Acq: 17 Jan 2020 19:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	27.2	40.8
123	12.2	9.7	14.5

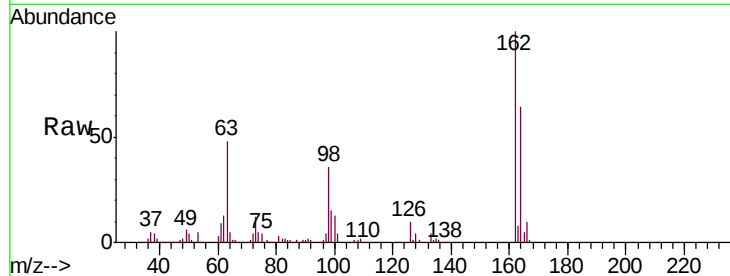




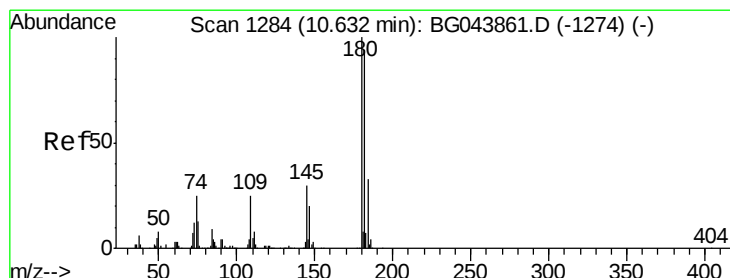
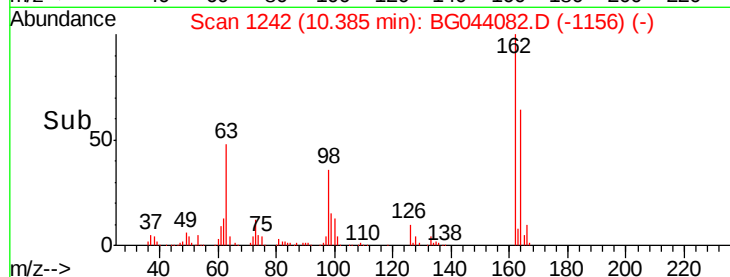
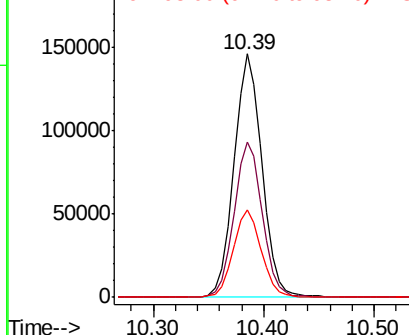
#29
2,4-Dichlorophenol
Concen: 47.058 ng
RT: 10.39 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BG044082.D
Acq: 17 Jan 2020 19:57

Instrument :
BNA_G
ClientSampleId :
PB126154BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.9	46.3	86.3
98	35.8	17.3	57.3

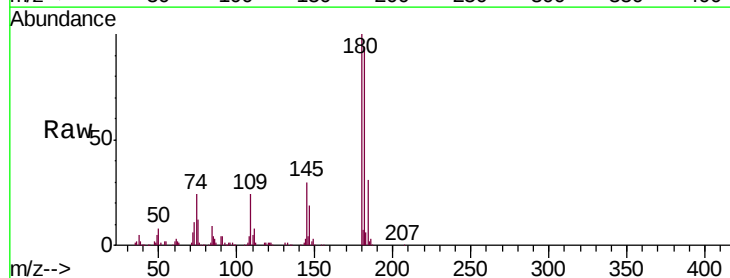


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

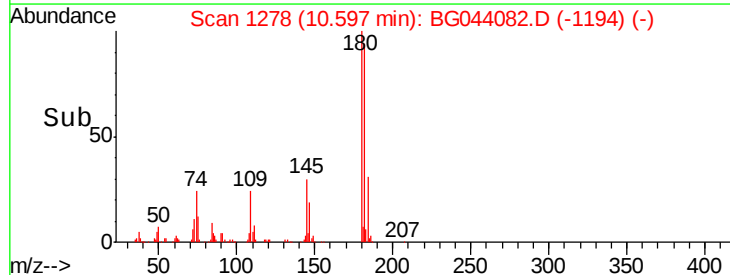
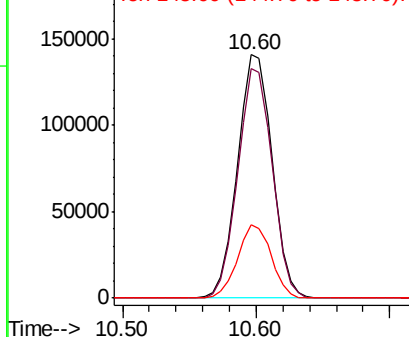


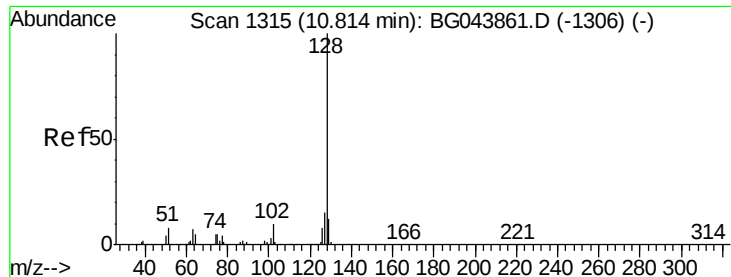
#30
1,2,4-Trichlorobenzene
Concen: 40.682 ng
RT: 10.60 min Scan# 1278
Delta R.T. -0.04 min
Lab File: BG044082.D
Acq: 17 Jan 2020 19:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.0	112.4
145	29.9	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

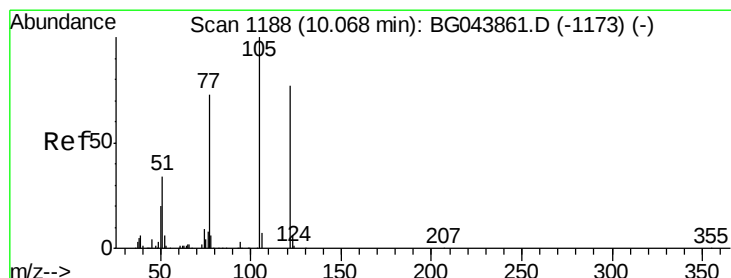
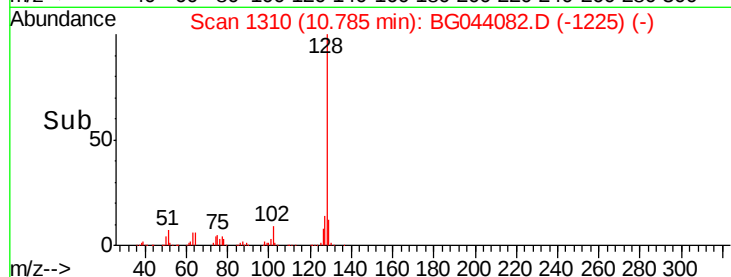
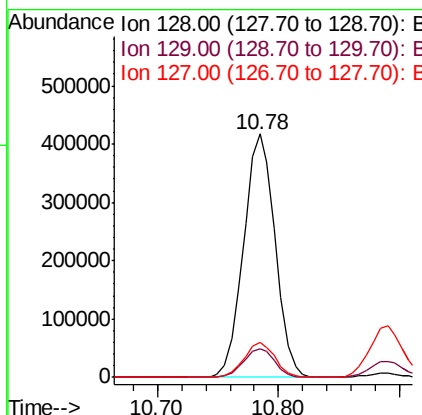
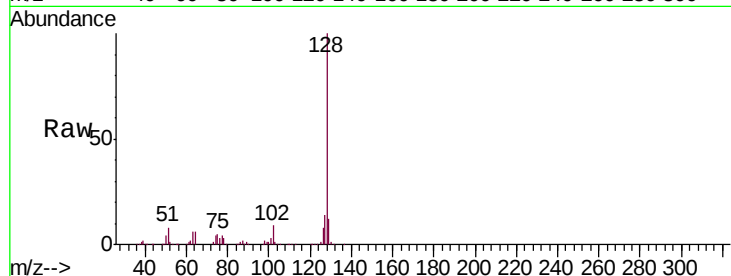




#31
Naphthalene
Concen: 44.563 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BG044082.D
Acq: 17 Jan 2020 19:57

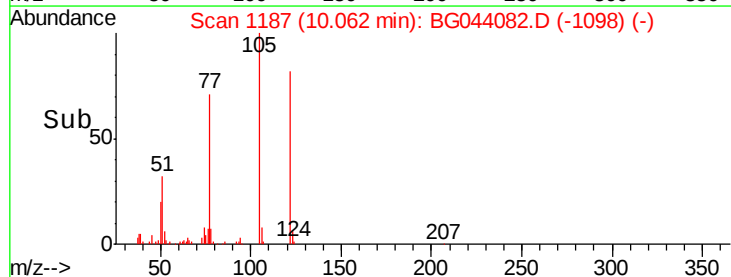
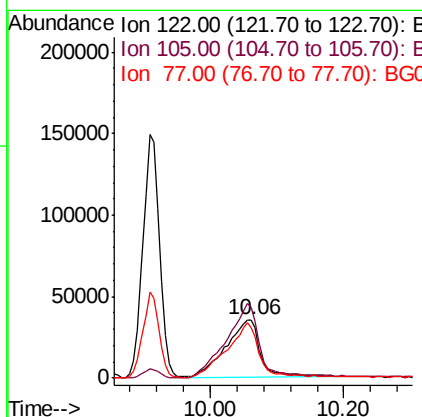
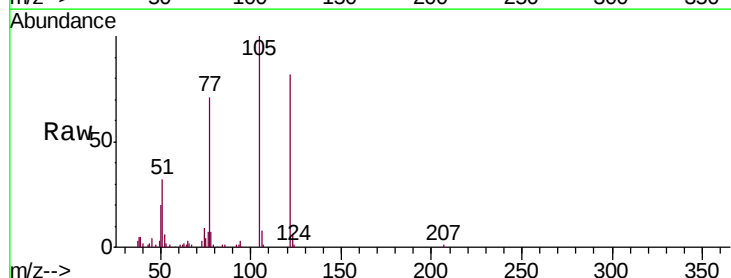
Instrument :
BNA_G
ClientSampleId :
PB126154BS

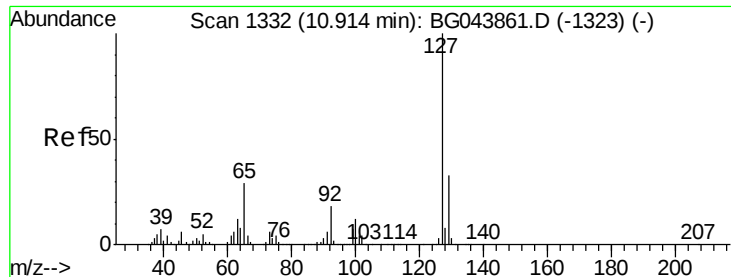
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.8	14.6
127	14.3	12.0	18.0



#32
Benzoic acid
Concen: 35.815 ng
RT: 10.06 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BG044082.D
Acq: 17 Jan 2020 19:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.7	106.4	146.4
77	86.7	74.6	114.6

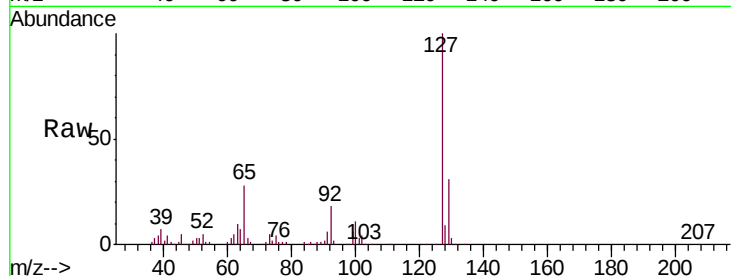




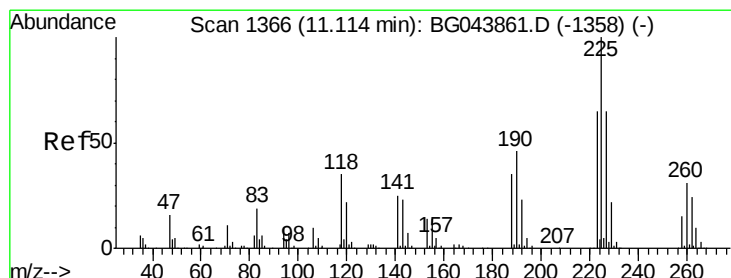
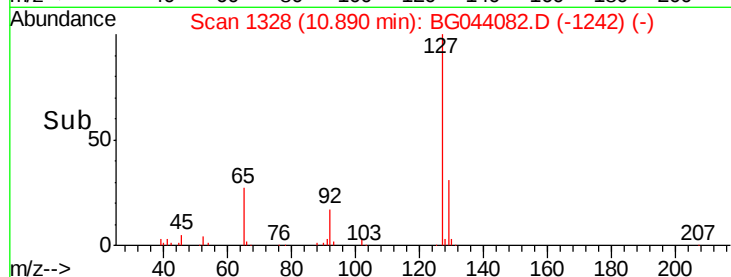
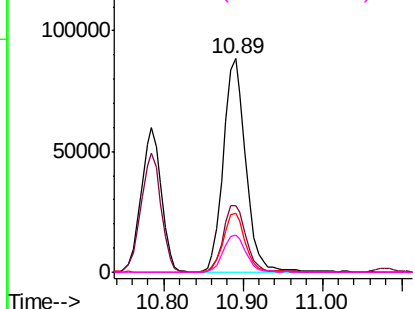
#33
4-Chloroaniline
Concen: 21.475 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.02 min
Lab File: BG044082.D
Acq: 17 Jan 2020 19:57

Instrument :
BNA_G
ClientSampleId :
PB126154BS

Tgt Ion:	127	Resp:	173804
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.6	40.0
65	27.6	23.3	34.9
92	17.7	14.7	22.1

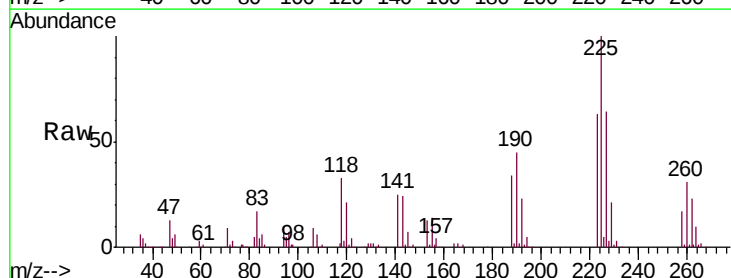


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

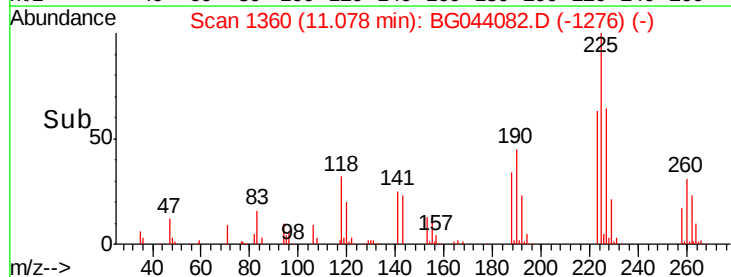
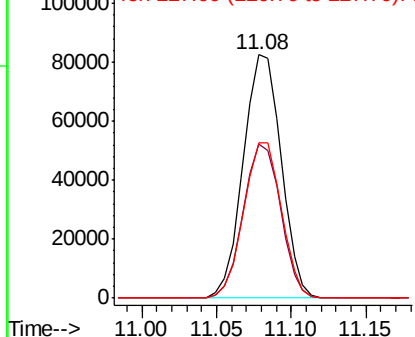


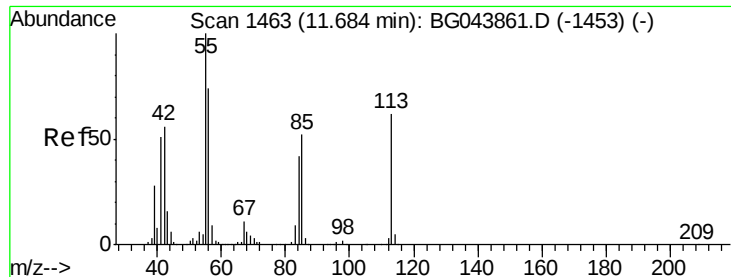
#34
Hexachlorobutadiene
Concen: 38.542 ng
RT: 11.08 min Scan# 1360
Delta R.T. -0.04 min
Lab File: BG044082.D
Acq: 17 Jan 2020 19:57

Tgt Ion:	225	Resp:	145512
Ion	Ratio	Lower	Upper
225	100		
223	63.1	52.2	78.4
227	64.0	52.1	78.1



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





#35

Caprolactam

Concen: 34.118 ng

RT: 11.66 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BG044082.D

Acq: 17 Jan 2020 19:57

Instrument :

BNA_G

ClientSampleId :

PB126154BS

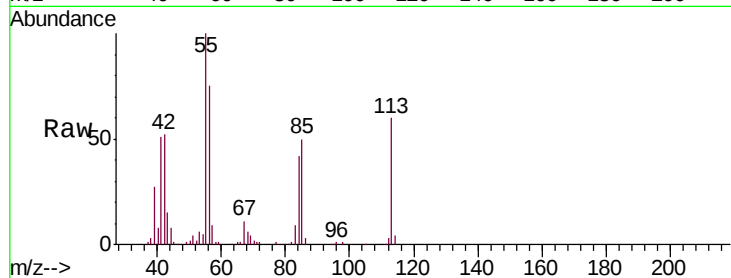
Tgt Ion:113 Resp: 70045

Ion Ratio Lower Upper

113 100

55 165.4 142.5 182.5

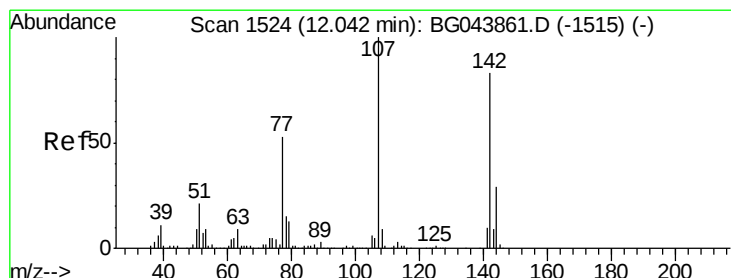
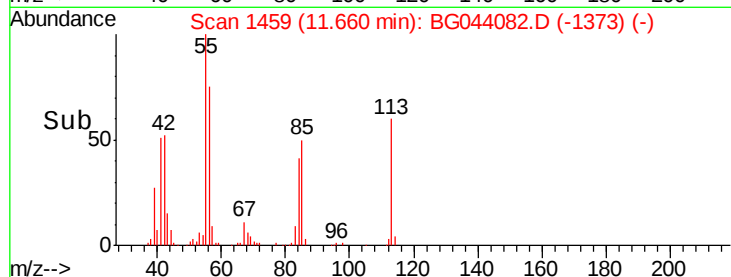
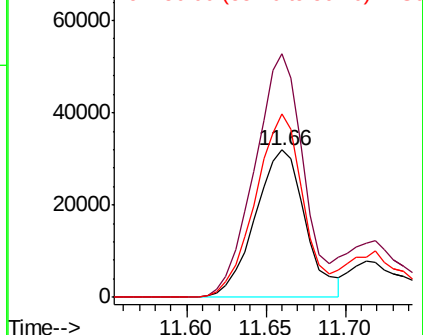
56 124.5 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 46.347 ng

RT: 12.02 min Scan# 1521

Delta R.T. -0.02 min

Lab File: BG044082.D

Acq: 17 Jan 2020 19:57

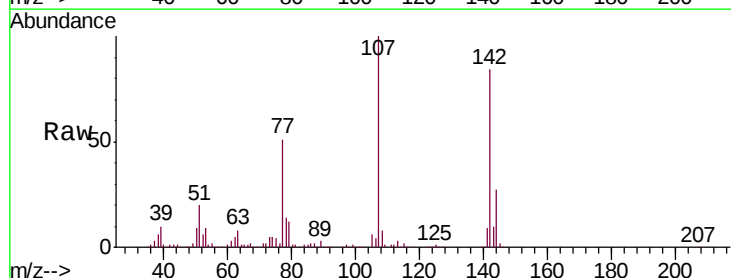
Tgt Ion:107 Resp: 272106

Ion Ratio Lower Upper

107 100

144 27.4 23.4 35.2

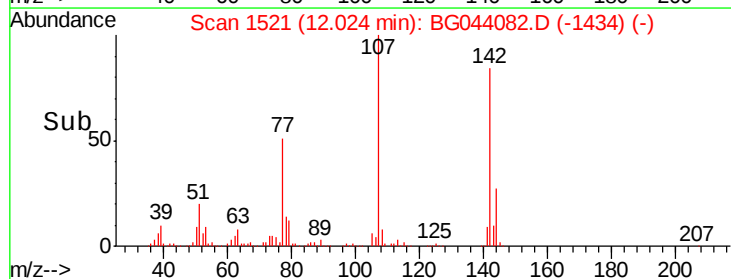
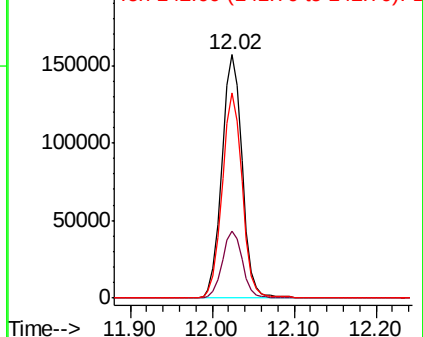
142 84.4 66.3 99.5

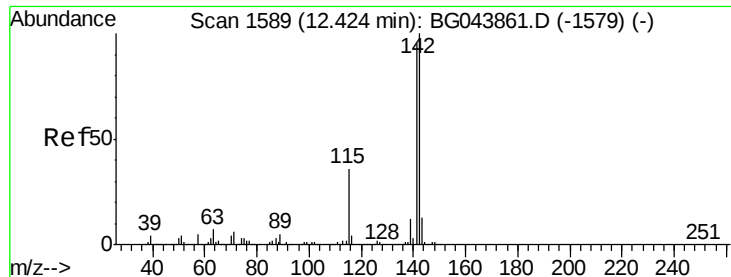


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

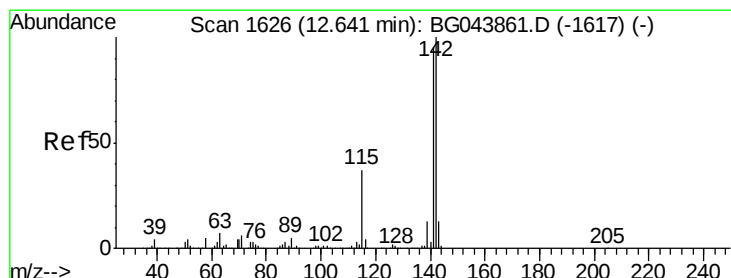
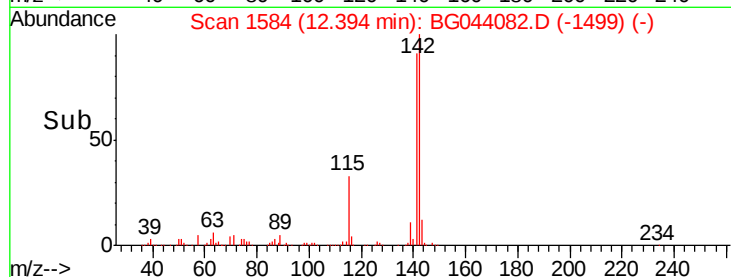
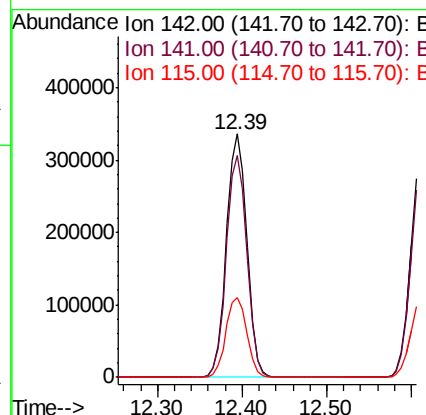
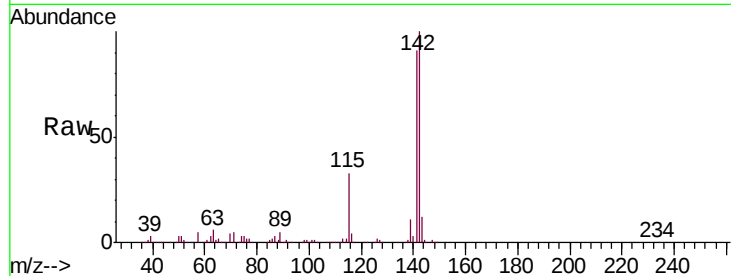




#37
2-Methylnaphthalene
Concen: 44.118 ng
RT: 12.39 min Scan# 1584
Delta R.T. -0.03 min
Lab File: BG044082.D
Acq: 17 Jan 2020 19:57

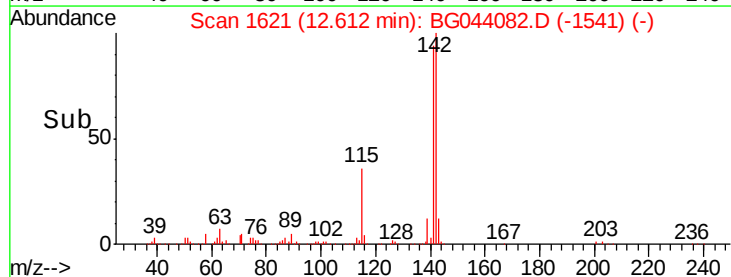
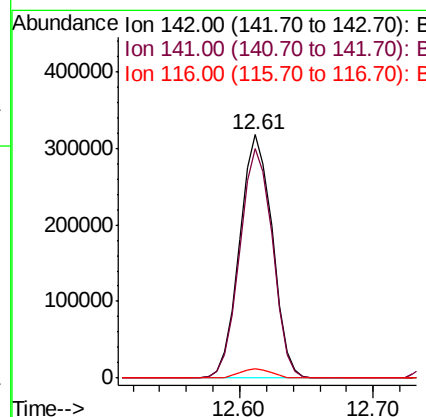
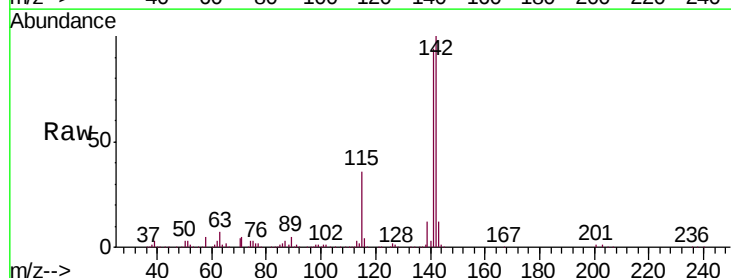
Instrument :
BNA_G
ClientSampleId :
PB126154BS

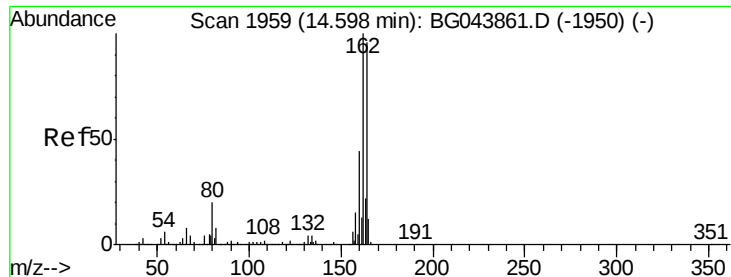
Tgt Ion:142 Resp: 563602
Ion Ratio Lower Upper
142 100
141 91.4 75.8 113.8
115 33.0 28.6 42.8



#38
1-Methylnaphthalene
Concen: 44.502 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.03 min
Lab File: BG044082.D
Acq: 17 Jan 2020 19:57

Tgt Ion:142 Resp: 538809
Ion Ratio Lower Upper
142 100
141 94.1 76.0 114.0
116 3.7 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.03 min

Lab File: BG044082.D

Acq: 17 Jan 2020 19:57

Instrument :

BNA_G

ClientSampleId :

PB126154BS

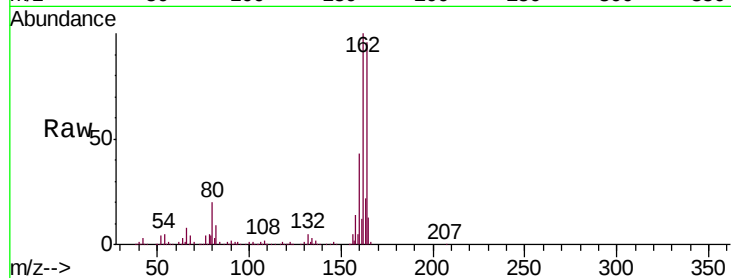
Tgt Ion:164 Resp: 226160

Ion Ratio Lower Upper

164 100

162 104.0 83.0 124.4

160 45.1 36.1 54.1

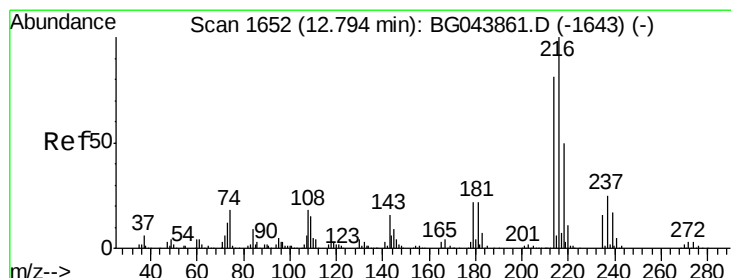
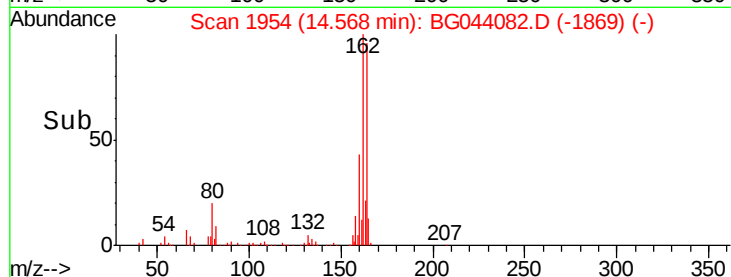
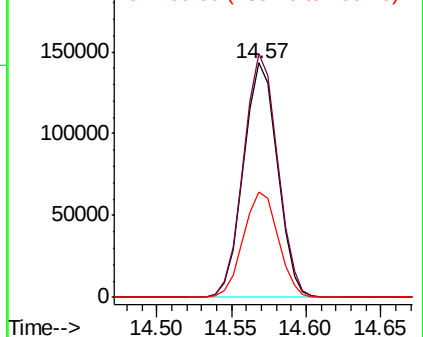


Abundance

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: 39.456 ng

RT: 12.76 min Scan# 1647

Delta R.T. -0.03 min

Lab File: BG044082.D

Acq: 17 Jan 2020 19:57

Tgt Ion:216 Resp: 261546

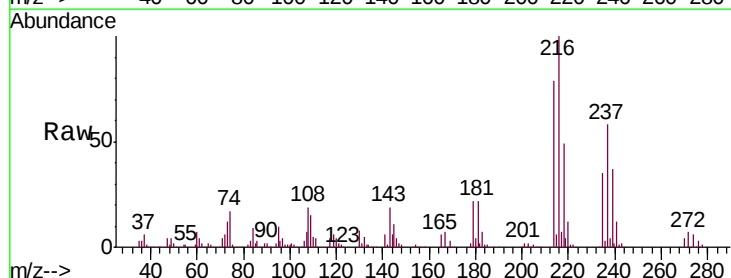
Ion Ratio Lower Upper

216 100

214 79.9 63.8 95.8

179 21.2 17.3 25.9

108 20.9 15.3 22.9



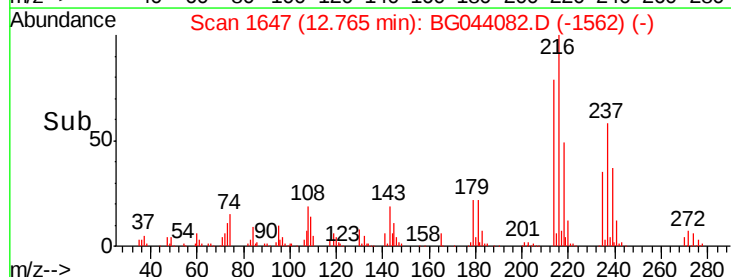
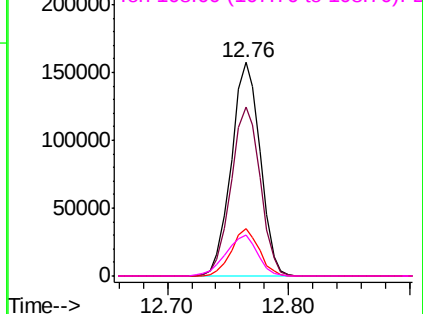
Abundance

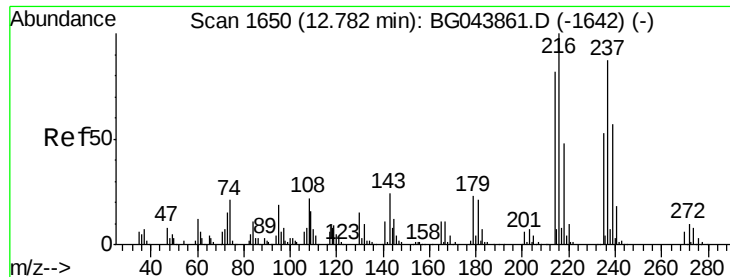
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 103.944 ng

RT: 12.75 min Scan# 1645

Delta R.T. -0.03 min

Lab File: BG044082.D

Acq: 17 Jan 2020 19:57

Instrument :

BNA_G

ClientSampleId :

PB126154BS

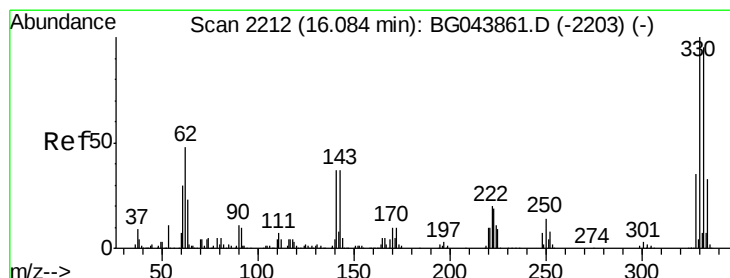
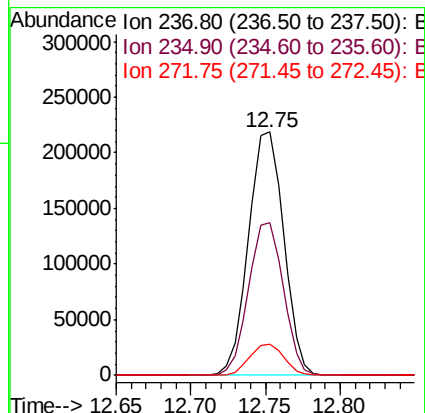
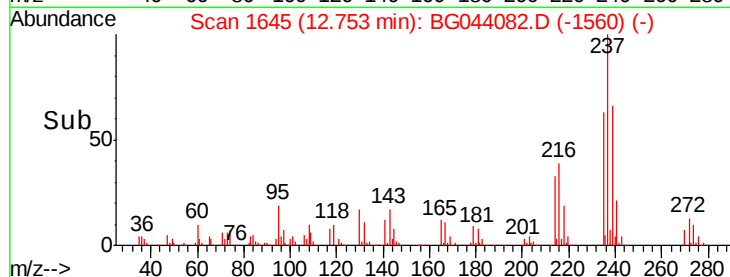
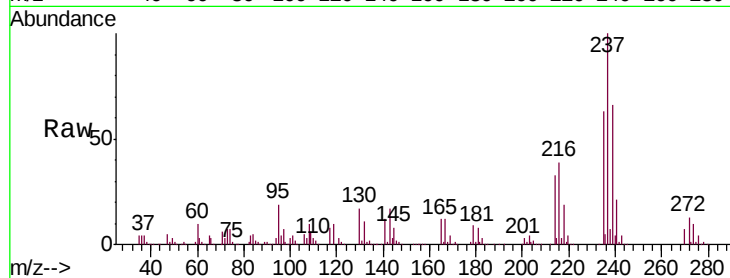
Tgt Ion:237 Resp: 357215

Ion Ratio Lower Upper

237 100

235 62.6 41.1 81.1

272 12.9 0.0 31.7



#42

2,4,6-Tribromophenol

Concen: 134.626 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BG044082.D

Acq: 17 Jan 2020 19:57

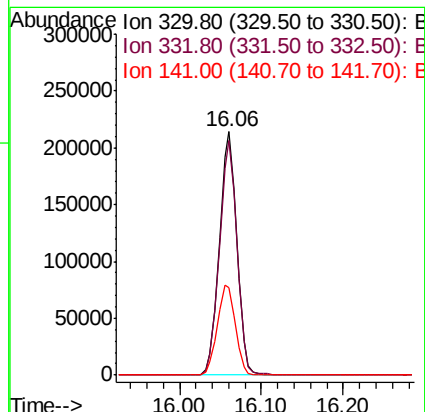
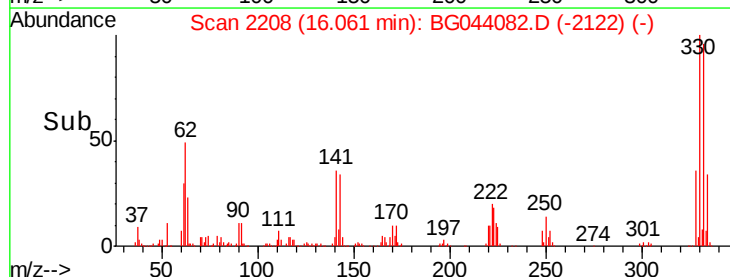
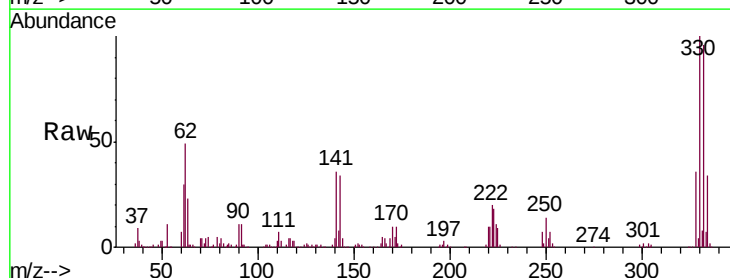
Tgt Ion:330 Resp: 318623

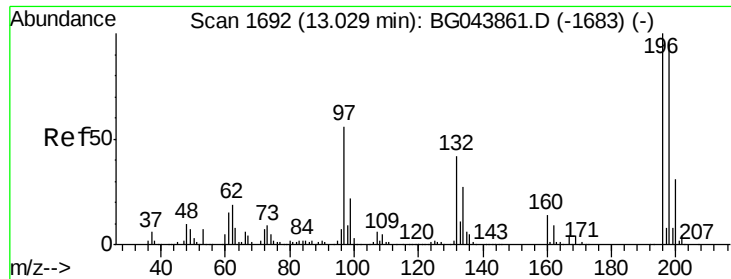
Ion Ratio Lower Upper

330 100

332 96.8 77.2 115.8

141 38.5 33.1 49.7

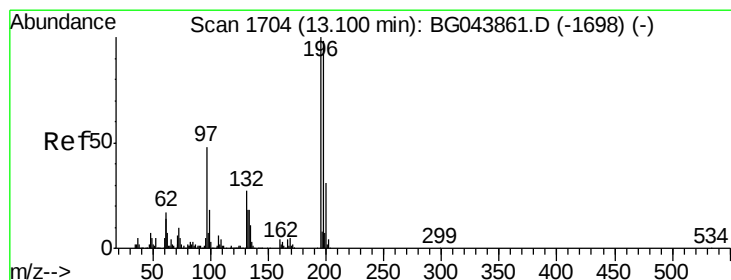
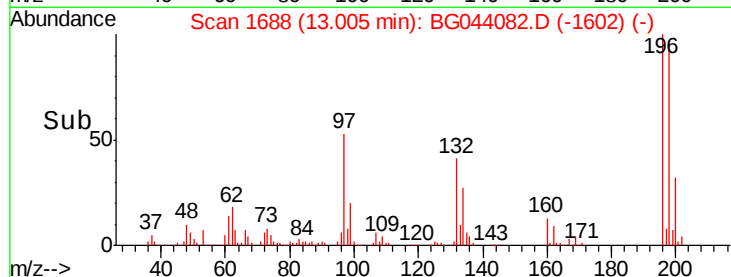
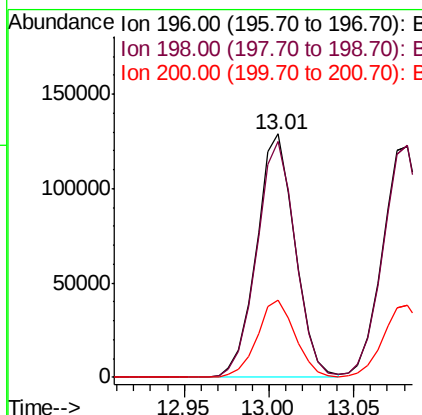
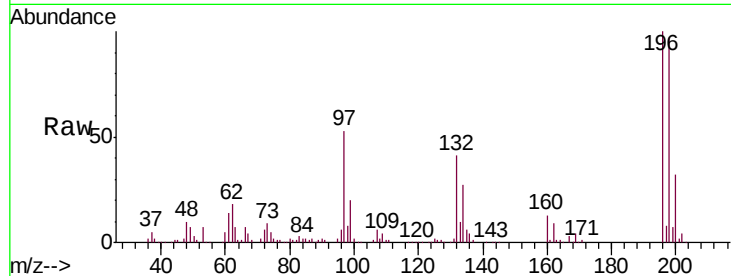




#43
 2,4,6-Trichlorophenol
 Concen: 44.515 ng
 RT: 13.01 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BG044082.D
 Acq: 17 Jan 2020 19:57

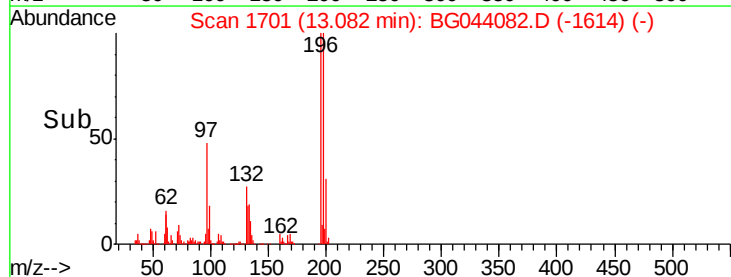
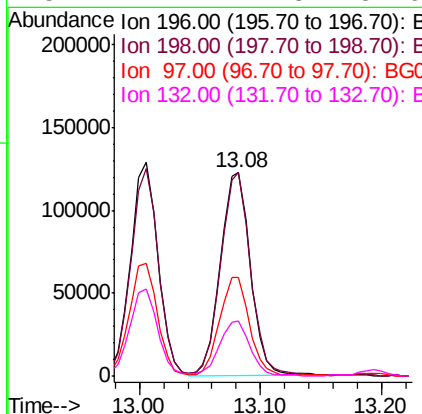
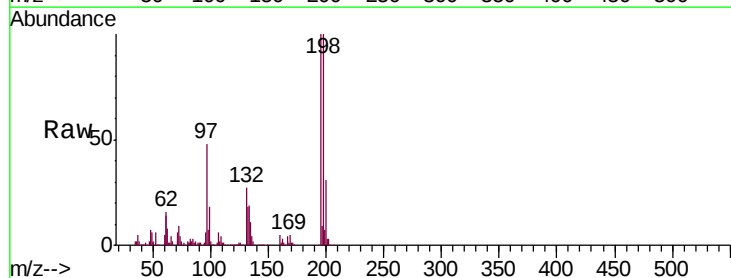
Instrument :
 BNA_G
 ClientSampleId :
 PB126154BS

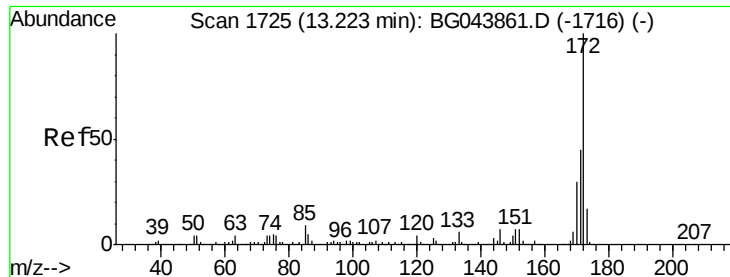
Tgt Ion:196 Resp: 203039
 Ion Ratio Lower Upper
 196 100
 198 96.8 76.6 115.0
 200 31.6 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 45.044 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG044082.D
 Acq: 17 Jan 2020 19:57

Tgt Ion:196 Resp: 211898
 Ion Ratio Lower Upper
 196 100
 198 100.3 78.3 117.5
 97 48.5 38.8 58.2
 132 27.2 21.3 31.9

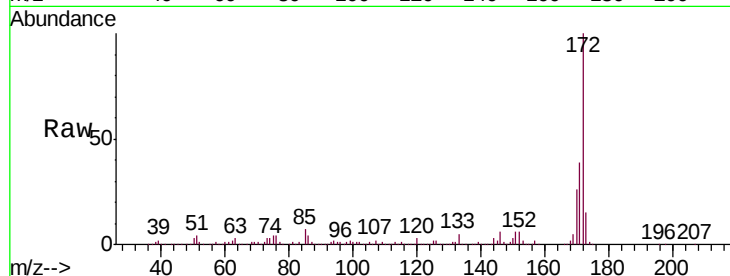




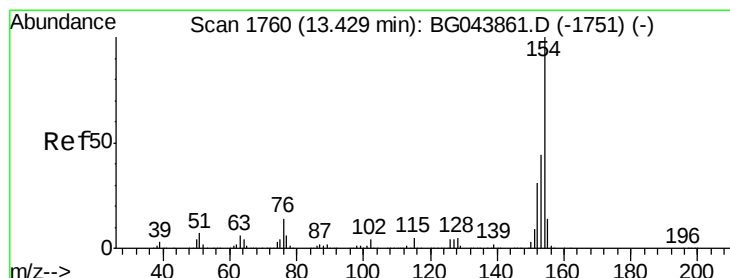
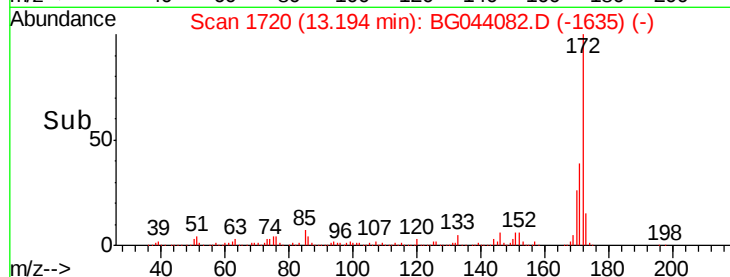
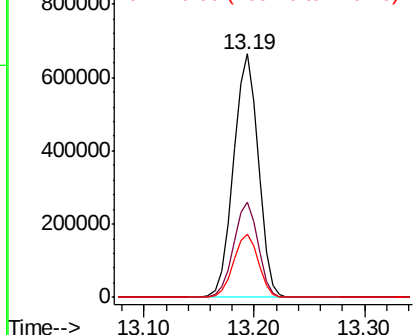
#45
 2-Fluorobiphenyl
 Concen: 83.776 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.03 min
 Lab File: BG044082.D
 Acq: 17 Jan 2020 19:57

Instrument :
 BNA_G
 ClientSampleId :
 PB126154BS

Tgt Ion:172 Resp: 1045760
 Ion Ratio Lower Upper
 172 100
 171 38.9 35.8 53.8
 170 25.9 24.2 36.4

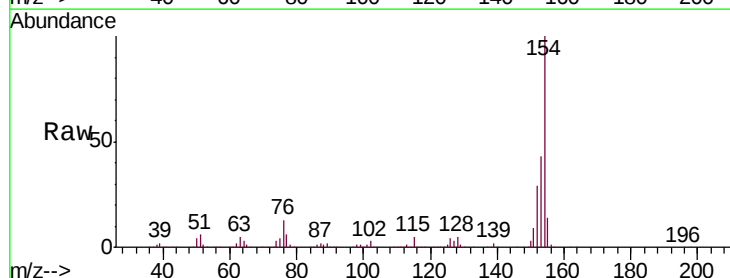


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

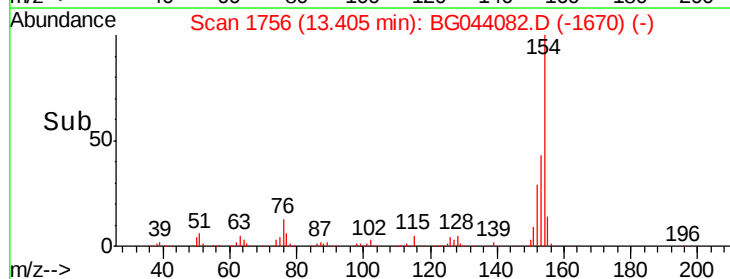
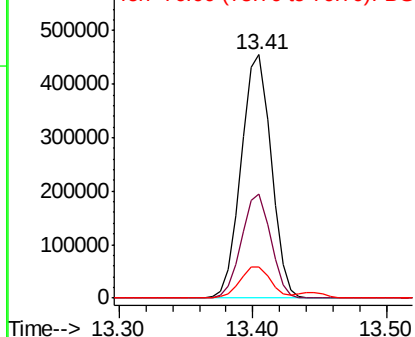


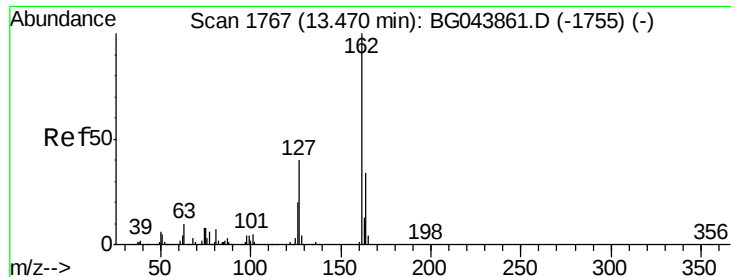
#46
 1,1'-Biphenyl
 Concen: 43.538 ng
 RT: 13.41 min Scan# 1756
 Delta R.T. -0.02 min
 Lab File: BG044082.D
 Acq: 17 Jan 2020 19:57

Tgt Ion:154 Resp: 705987
 Ion Ratio Lower Upper
 154 100
 153 42.9 23.6 63.6
 76 12.6 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: 42.408 ng

RT: 13.45 min Scan# 1763

Delta R.T. -0.02 min

Lab File: BG044082.D

Acq: 17 Jan 2020 19:57

Instrument :

BNA_G

ClientSampleId :

PB126154BS

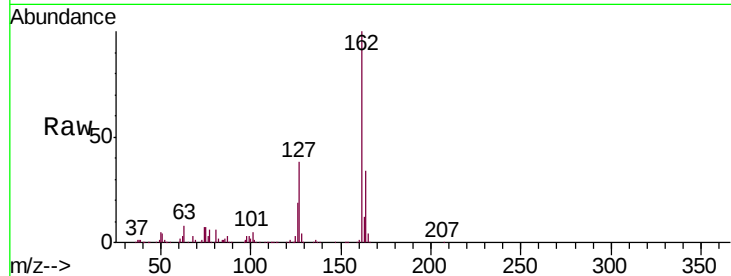
Tgt Ion:162 Resp: 555669

Ion Ratio Lower Upper

162 100

127 37.8 32.1 48.1

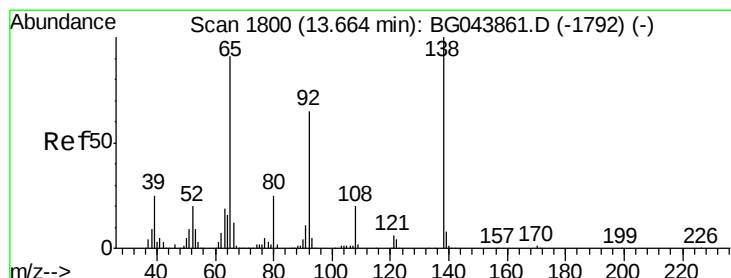
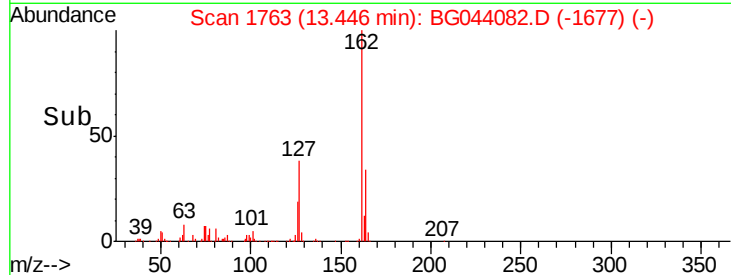
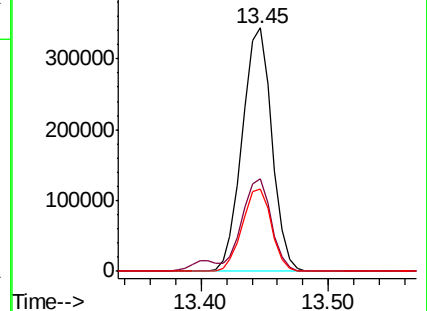
164 33.6 27.5 41.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 39.426 ng

RT: 13.64 min Scan# 1796

Delta R.T. -0.02 min

Lab File: BG044082.D

Acq: 17 Jan 2020 19:57

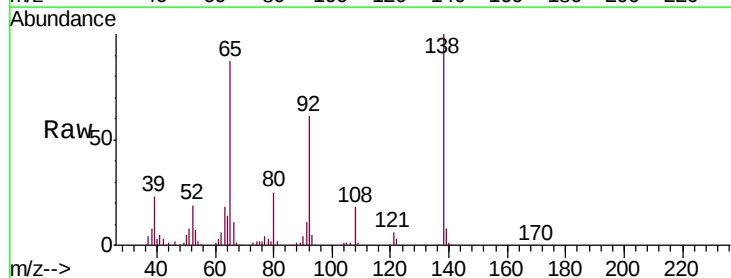
Tgt Ion: 65 Resp: 166174

Ion Ratio Lower Upper

65 100

92 70.7 57.4 86.2

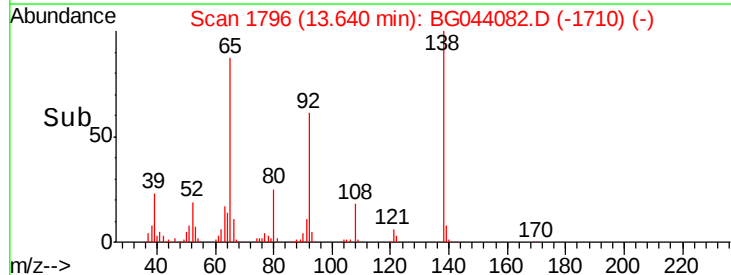
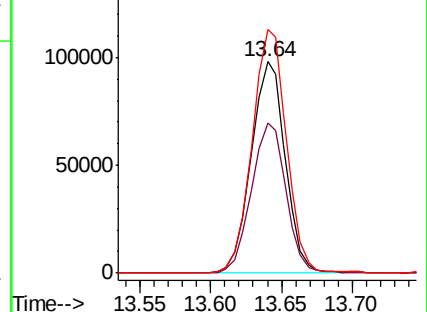
138 115.1 88.2 132.4

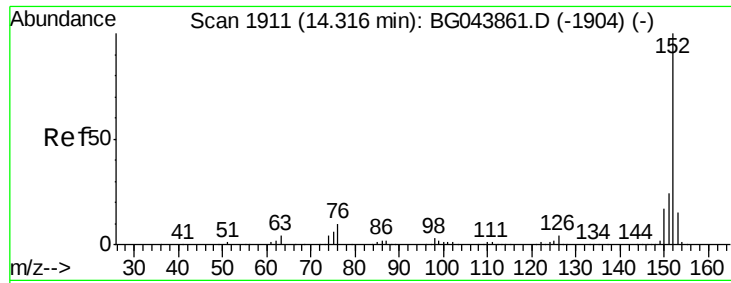


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 46.280 ng

RT: 14.29 min Scan# 1907

Delta R.T. -0.02 min

Lab File: BG044082.D

Acq: 17 Jan 2020 19:57

Instrument :

BNA_G

ClientSampleId :

PB126154BS

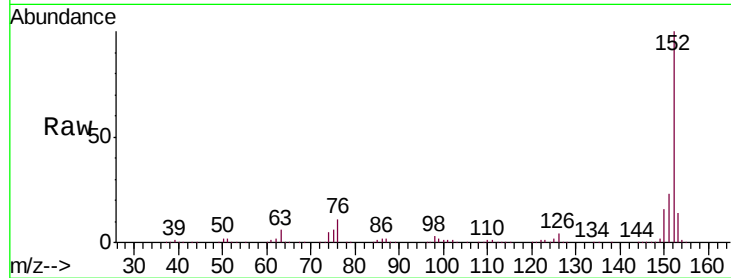
Tgt Ion:152 Resp: 871587

Ion Ratio Lower Upper

152 100

151 22.6 19.4 29.2

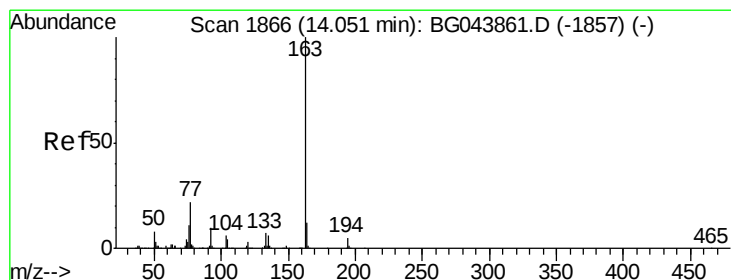
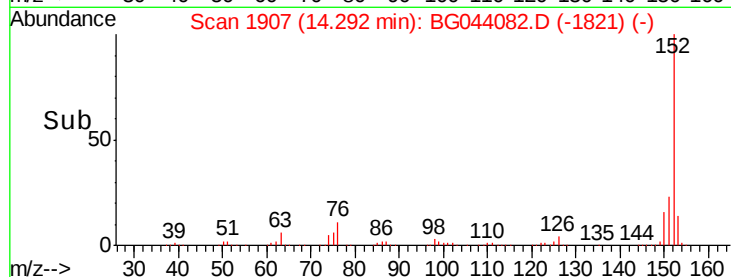
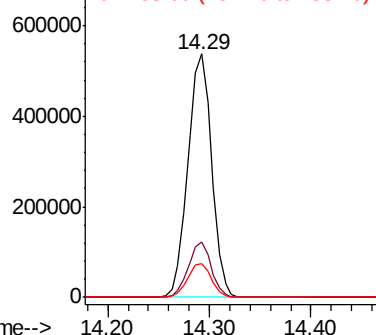
153 14.0 12.0 18.0



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: 43.006 ng

RT: 14.02 min Scan# 1861

Delta R.T. -0.03 min

Lab File: BG044082.D

Acq: 17 Jan 2020 19:57

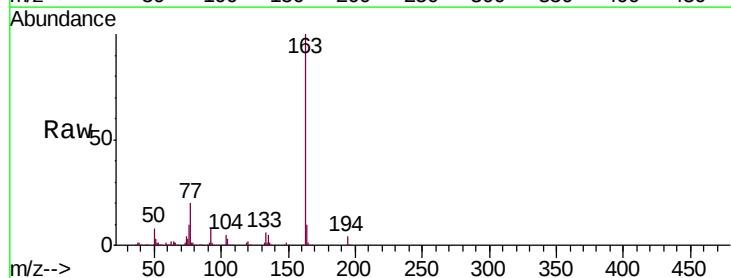
Tgt Ion:163 Resp: 690600

Ion Ratio Lower Upper

163 100

194 4.1 3.7 5.5

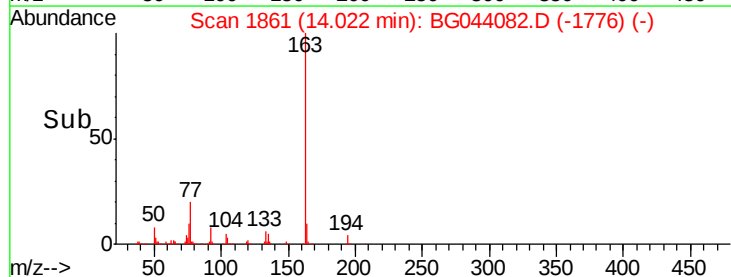
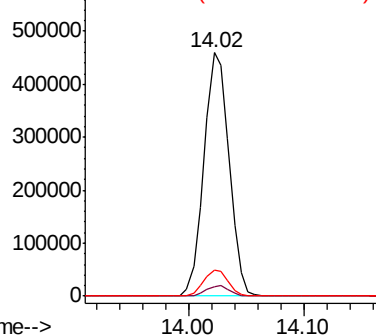
164 10.4 9.3 13.9

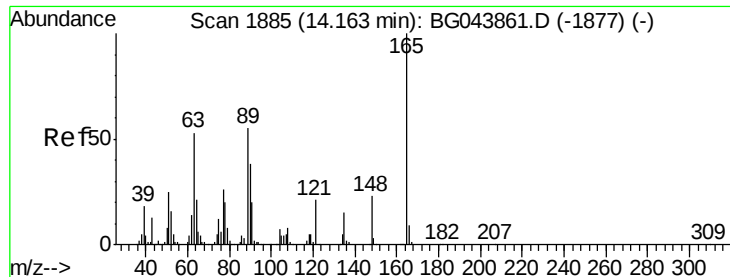


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.680 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.02 min

Lab File: BG044082.D

Acq: 17 Jan 2020 19:57

Instrument :

BNA_G

ClientSampleId :

PB126154BS

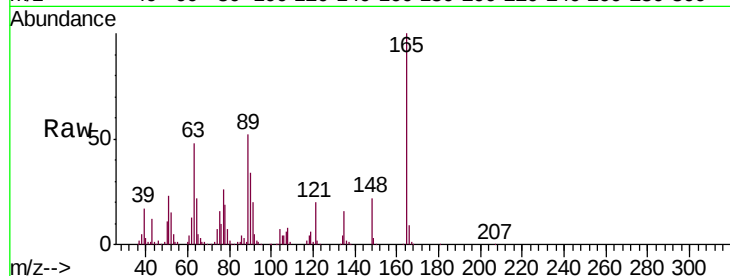
Tgt Ion:165 Resp: 158540

Ion Ratio Lower Upper

165 100

63 47.5 43.1 64.7

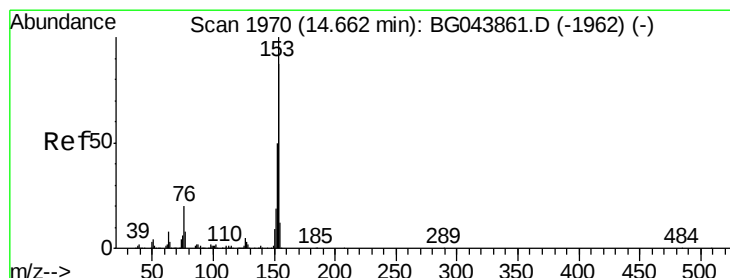
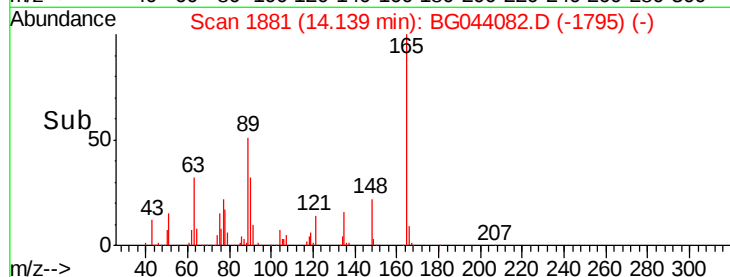
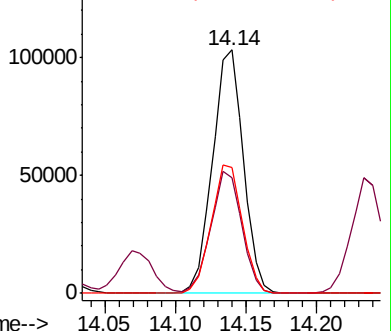
89 51.7 43.8 65.6



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: 41.397 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.03 min

Lab File: BG044082.D

Acq: 17 Jan 2020 19:57

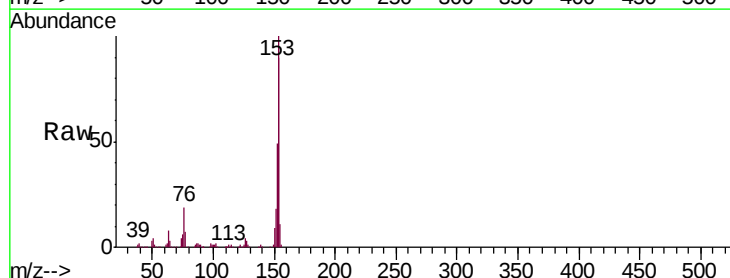
Tgt Ion:154 Resp: 546744

Ion Ratio Lower Upper

154 100

153 111.7 91.6 137.4

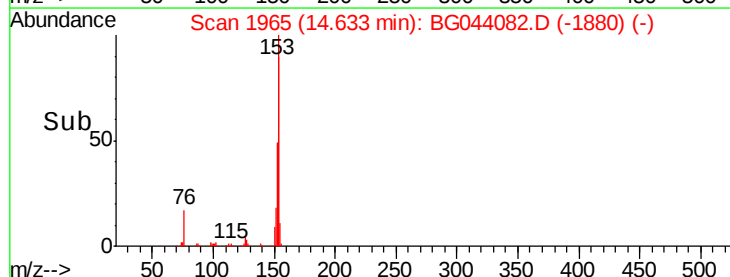
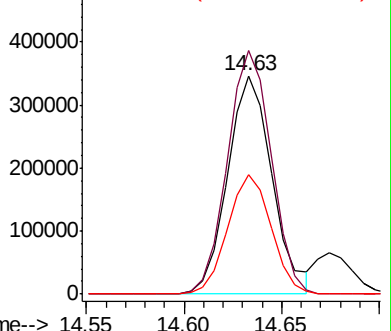
152 55.0 45.4 68.0

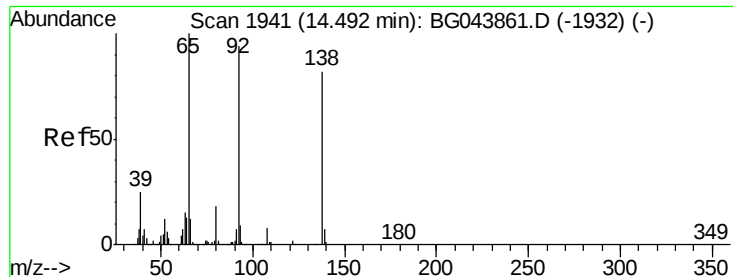


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

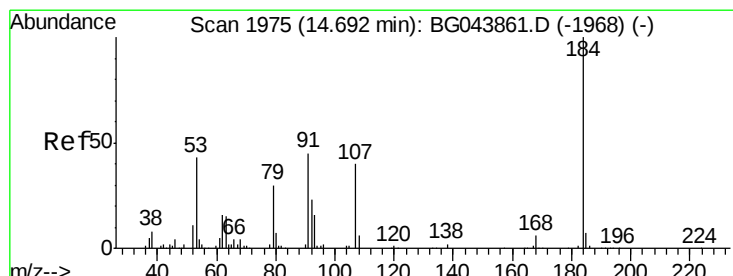
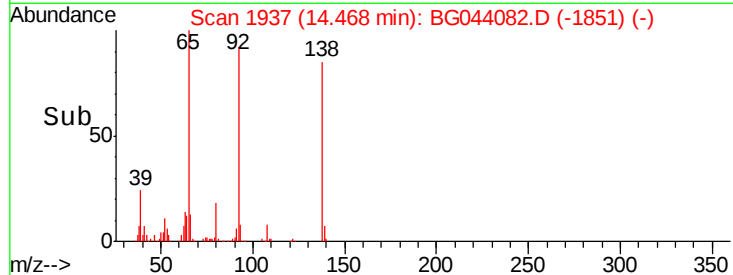
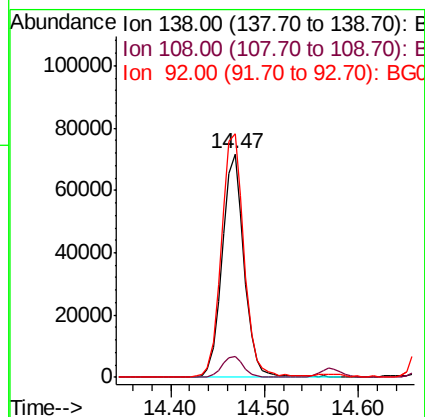
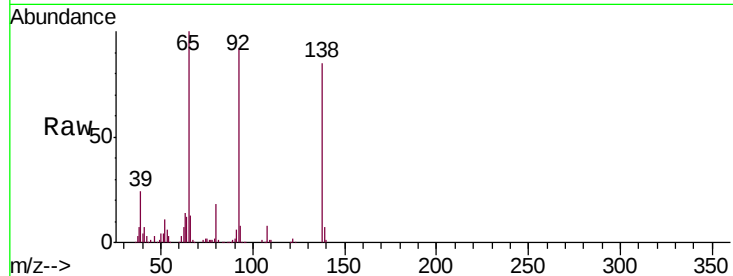




#53
 3-Nitroaniline
 Concen: 28.326 ng
 RT: 14.47 min Scan# 1937
 Delta R.T. -0.02 min
 Lab File: BG044082.D
 Acq: 17 Jan 2020 19:57

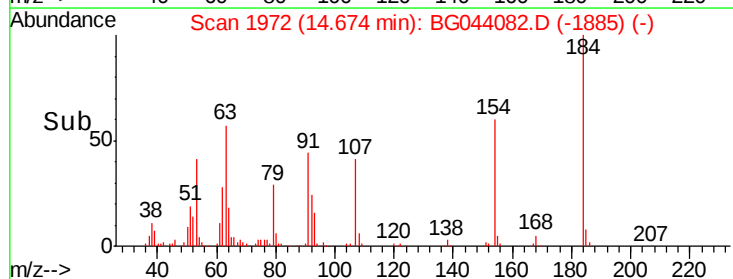
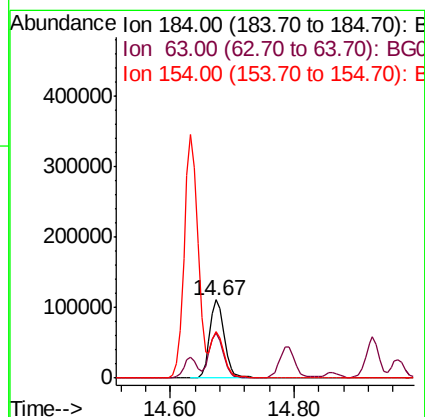
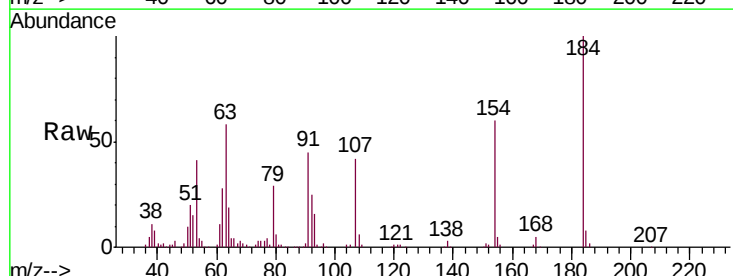
Instrument :
 BNA_G
 ClientSampleId :
 PB126154BS

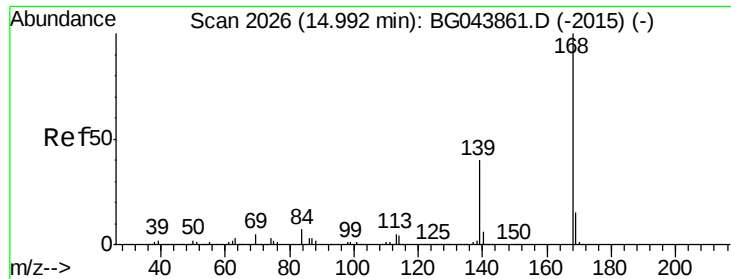
Tgt Ion:138 Resp: 116748
 Ion Ratio Lower Upper
 138 100
 108 9.5 7.4 11.2
 92 109.0 92.1 138.1



#54
 2,4-Dinitrophenol
 Concen: 98.720 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.02 min
 Lab File: BG044082.D
 Acq: 17 Jan 2020 19:57

Tgt Ion:184 Resp: 185088
 Ion Ratio Lower Upper
 184 100
 63 58.4 46.6 70.0
 154 59.5 50.2 75.4

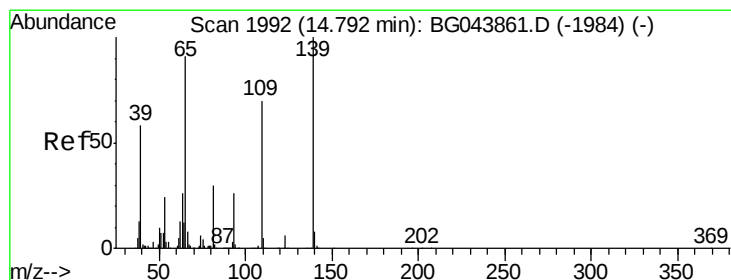
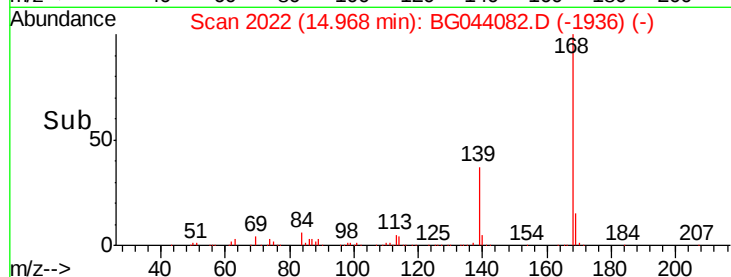
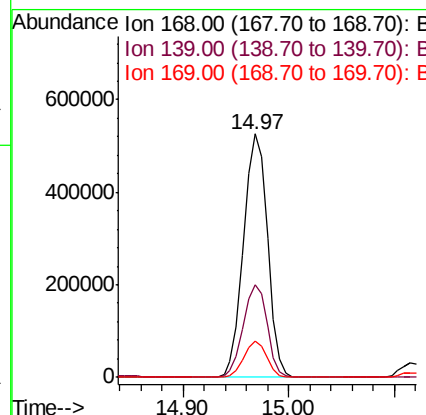
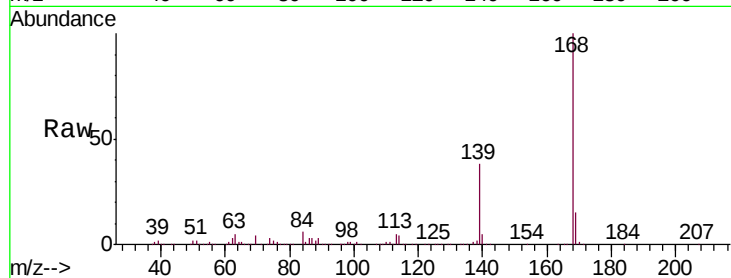




#55
Dibenzofuran
Concen: 45.372 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BG044082.D
Acq: 17 Jan 2020 19:57

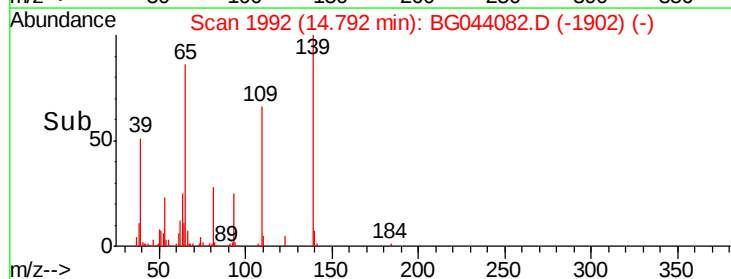
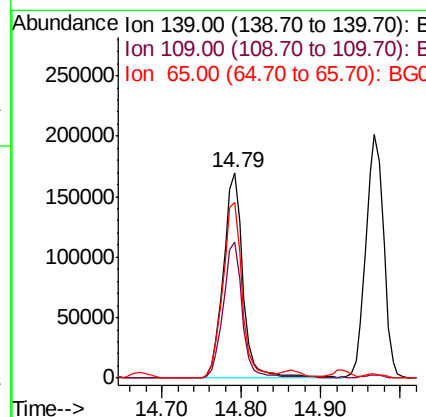
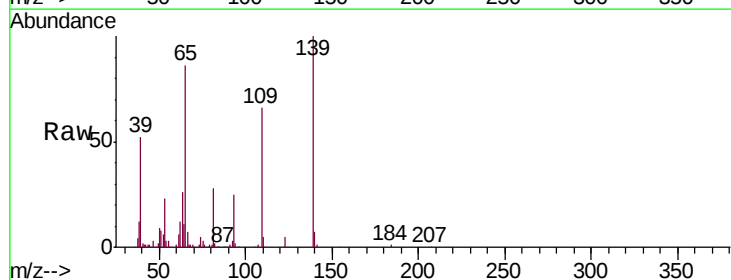
Instrument :
BNA_G
ClientSampleId :
PB126154BS

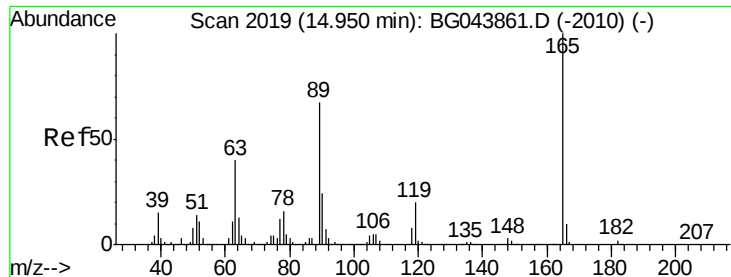
Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.2	32.2	48.2
169	14.7	12.2	18.2



#56
4-Nitrophenol
Concen: 92.357 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BG044082.D
Acq: 17 Jan 2020 19:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.4	50.4	90.4
65	85.7	71.4	111.4

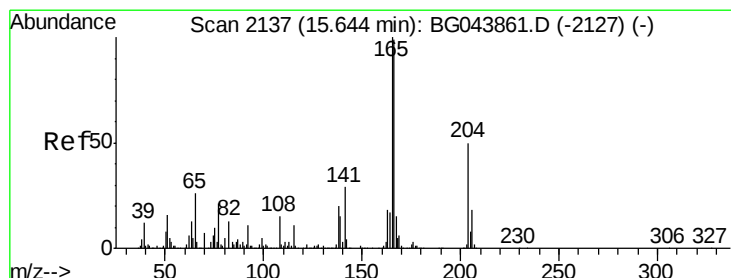
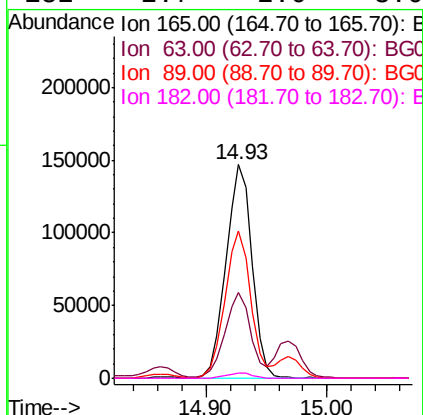
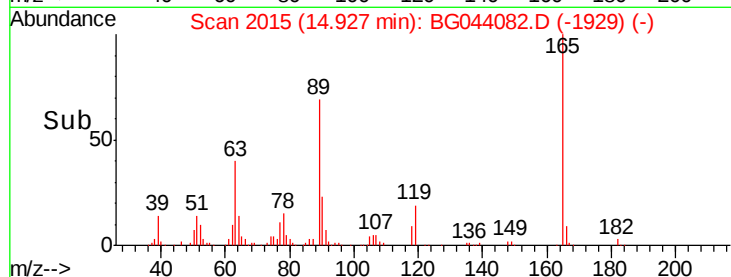
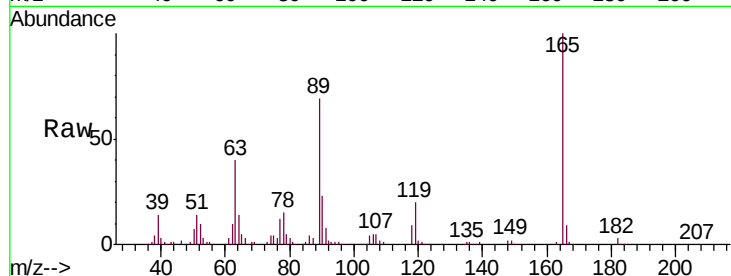




#57
2,4-Dinitrotoluene
Concen: 44.335 ng
RT: 14.93 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BG044082.D
Acq: 17 Jan 2020 19:57

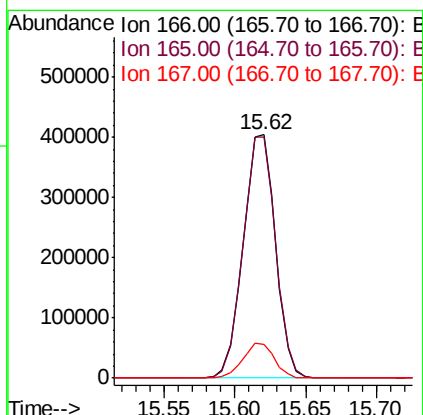
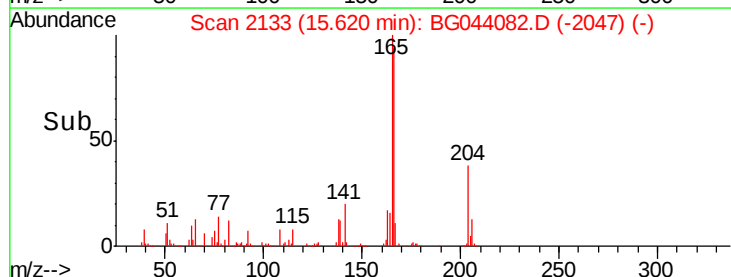
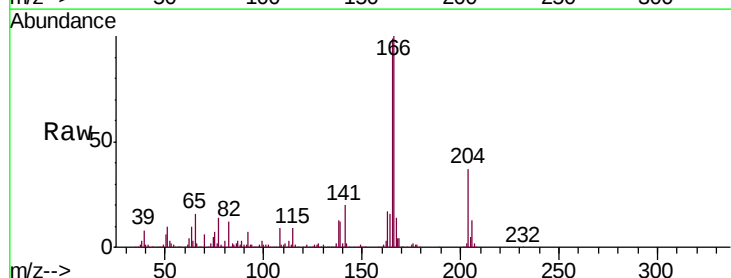
Instrument :
BNA_G
ClientSampleId :
PB126154BS

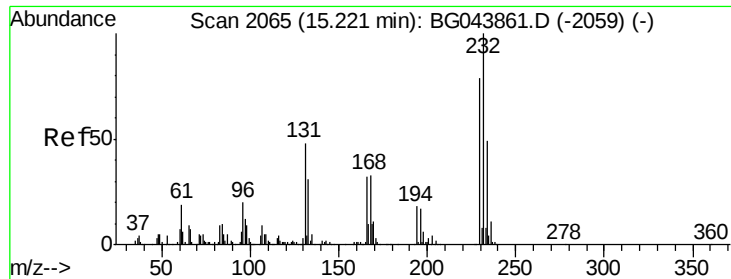
Tgt Ion:	165	Resp:	218955
Ion	Ratio	Lower	Upper
165	100		
63	40.5	31.9	47.9
89	69.0	53.8	80.6
182	2.7	2.0	3.0



#58
Fluorene
Concen: 44.917 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BG044082.D
Acq: 17 Jan 2020 19:57

Tgt Ion:	166	Resp:	647278
Ion	Ratio	Lower	Upper
166	100		
165	98.8	80.8	121.2
167	14.1	12.1	18.1

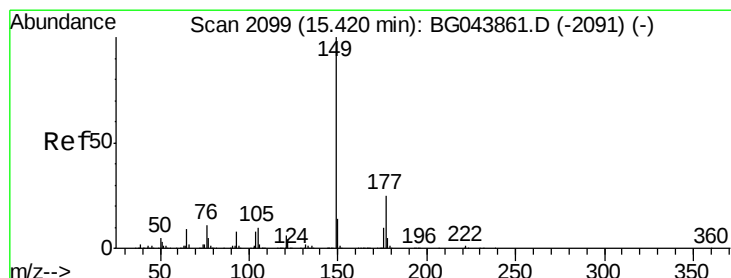
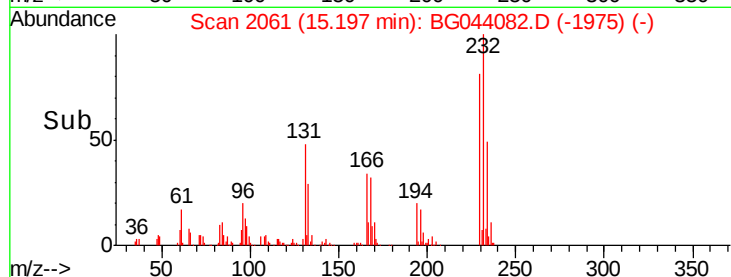
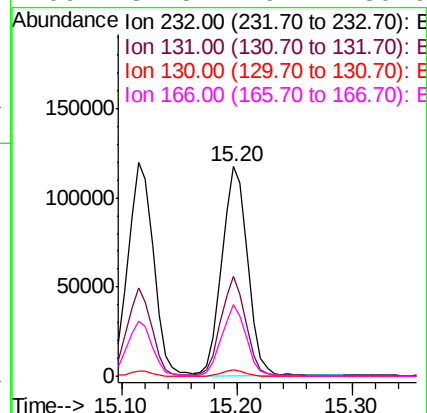
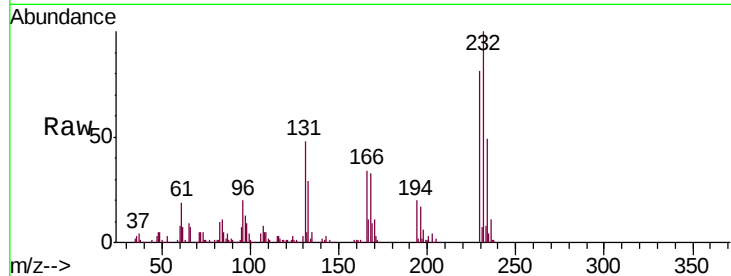




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.757 ng
 RT: 15.20 min Scan# 2061
 Delta R.T. -0.02 min
 Lab File: BG044082.D
 Acq: 17 Jan 2020 19:57

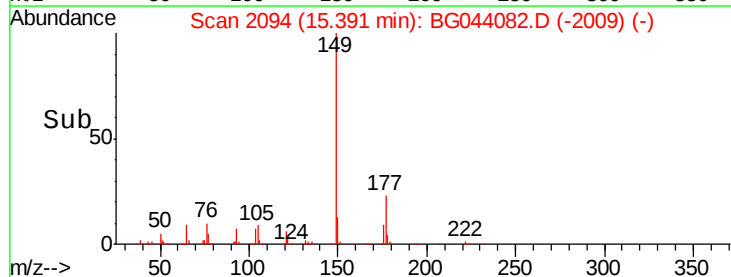
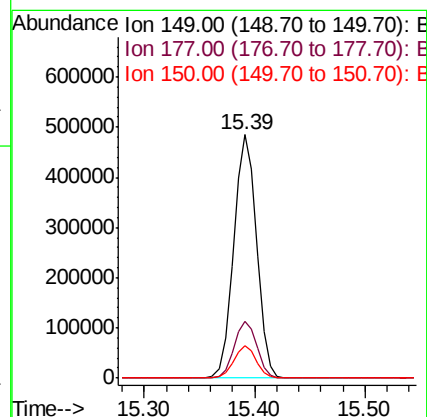
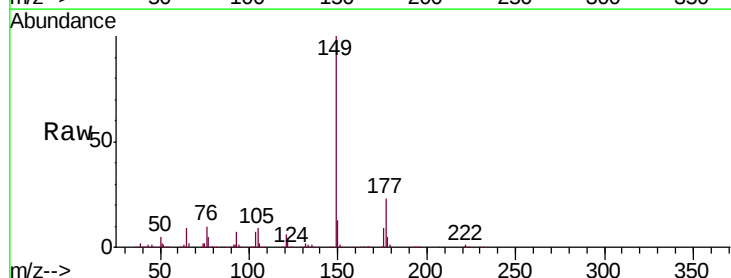
Instrument :
 BNA_G
 ClientSampleId :
 PB126154BS

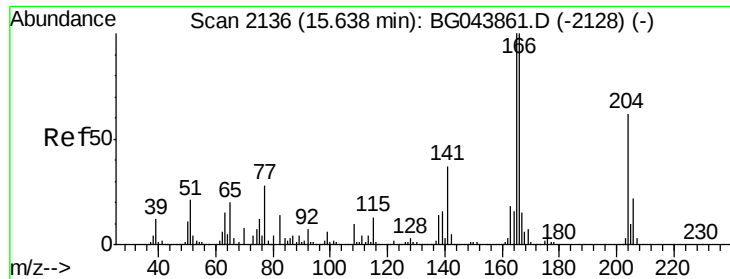
Tgt Ion:	232	Resp:	181046
Ion	Ratio	Lower	Upper
232	100		
131	46.3	38.2	57.2
130	2.7	2.2	3.2
166	32.8	26.4	39.6



#60
 Diethylphthalate
 Concen: 43.673 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.03 min
 Lab File: BG044082.D
 Acq: 17 Jan 2020 19:57

Tgt Ion:	149	Resp:	701449
Ion	Ratio	Lower	Upper
149	100		
177	23.1	20.0	30.0
150	13.3	11.1	16.7

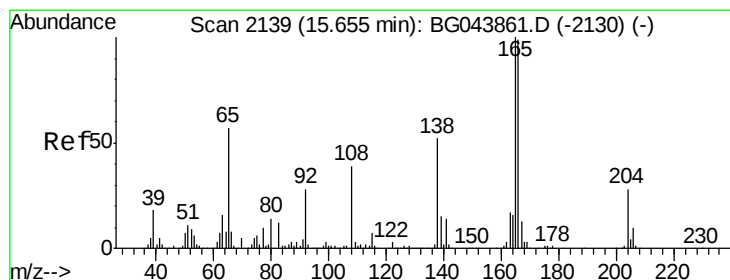
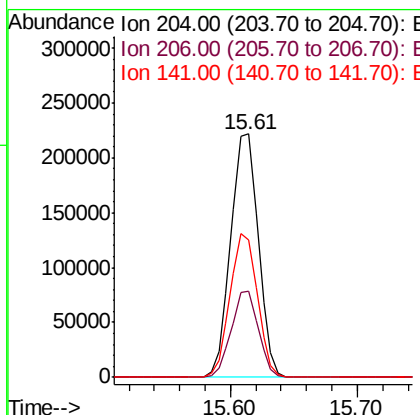
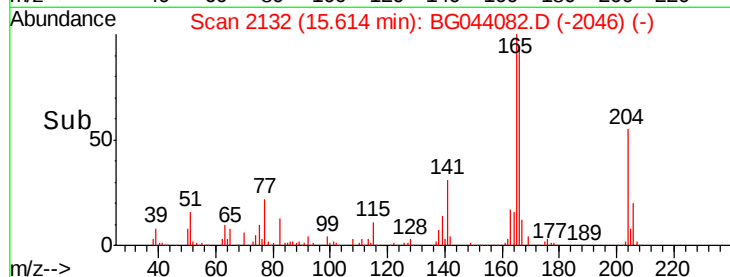
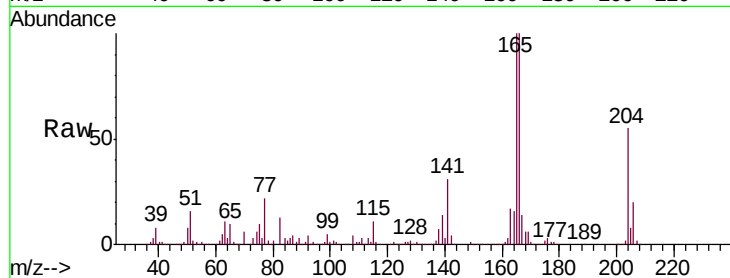




#61
4-Chlorophenyl-phenylether
Concen: 42.631 ng
RT: 15.61 min Scan# 2132
Delta R.T. -0.02 min
Lab File: BG044082.D
Acq: 17 Jan 2020 19:57

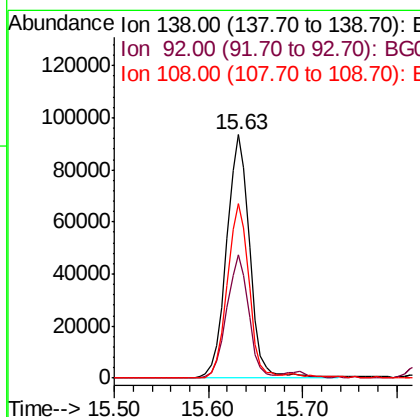
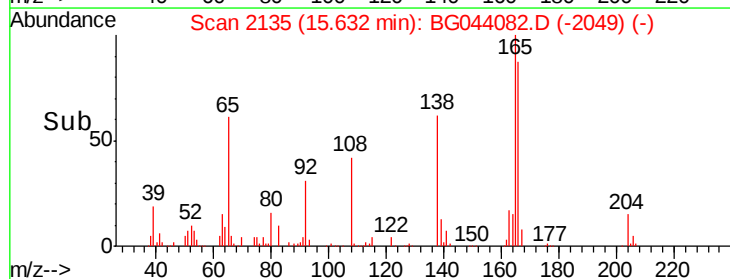
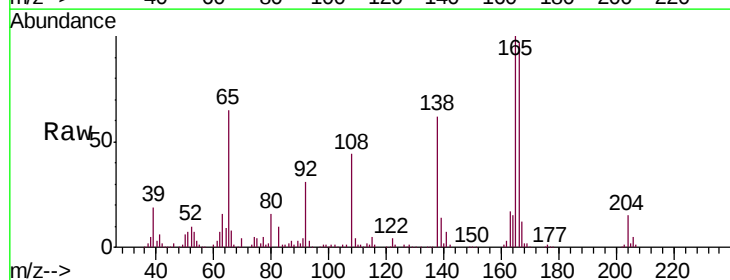
Instrument :
BNA_G
ClientSampleId :
PB126154BS

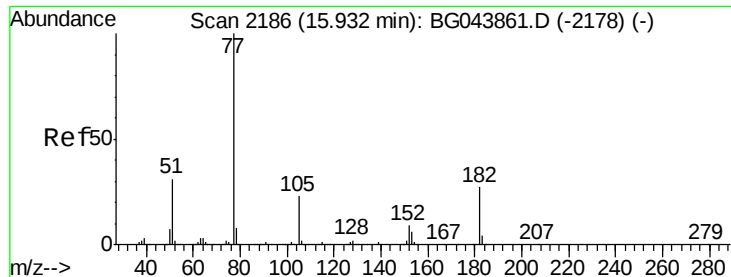
Tgt Ion:204 Resp: 333584
Ion Ratio Lower Upper
204 100
206 35.7 28.2 42.2
141 56.3 48.2 72.2



#62
4-Nitroaniline
Concen: 39.369 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.02 min
Lab File: BG044082.D
Acq: 17 Jan 2020 19:57

Tgt Ion:138 Resp: 160242
Ion Ratio Lower Upper
138 100
92 50.5 34.3 74.3
108 71.5 55.0 95.0





#63

Azobenzene

Concen: 43.521 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.03 min

Lab File: BG044082.D

Acq: 17 Jan 2020 19:57

Instrument :

BNA_G

ClientSampleId :

PB126154BS

Tgt Ion: 77 Resp: 648252

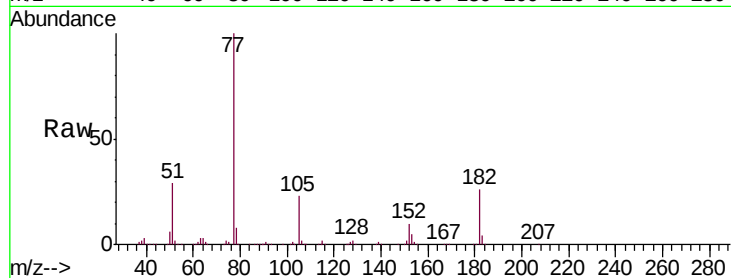
Ion Ratio Lower Upper

77 100

182 26.2 7.3 47.3

105 22.8 3.2 43.2

51 28.8 10.6 50.6

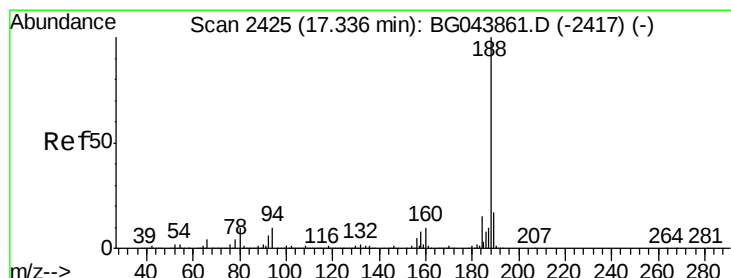
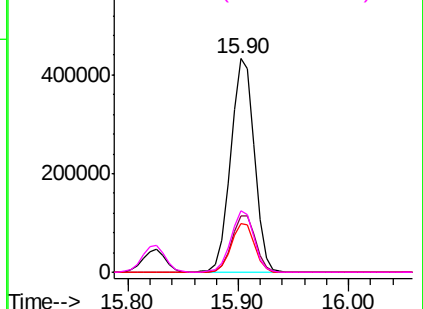
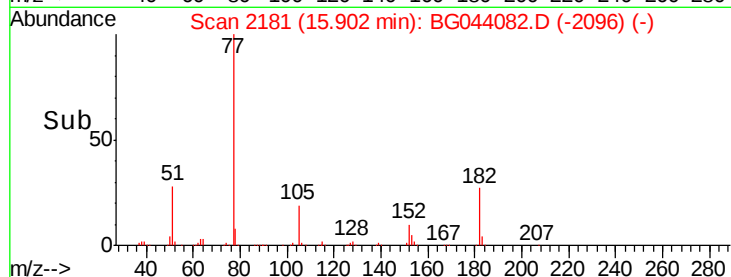


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2421

Delta R.T. -0.02 min

Lab File: BG044082.D

Acq: 17 Jan 2020 19:57

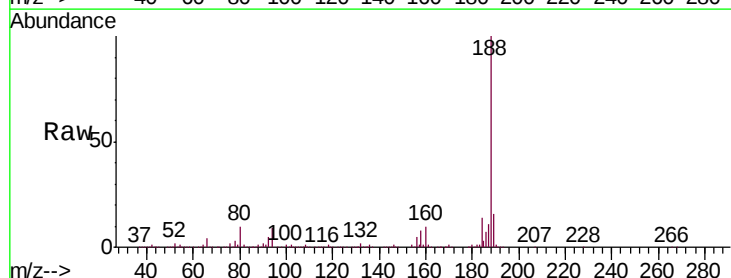
Tgt Ion: 188 Resp: 479003

Ion Ratio Lower Upper

188 100

94 9.0 7.9 11.9

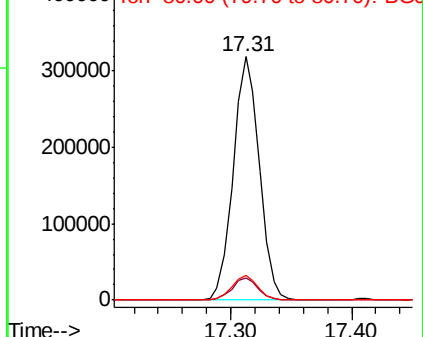
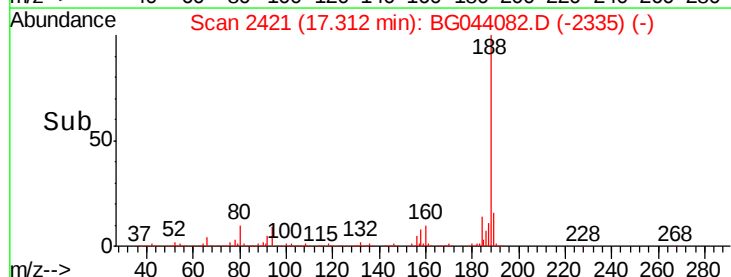
80 10.0 8.2 12.4

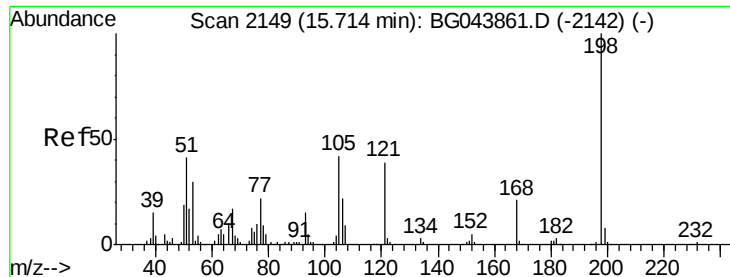


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 51.624 ng

RT: 15.70 min Scan# 2146

Delta R.T. -0.02 min

Lab File: BG044082.D

Acq: 17 Jan 2020 19:57

Instrument :

BNA_G

ClientSampleId :

PB126154BS

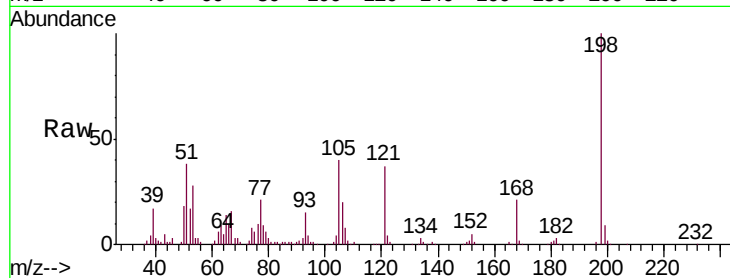
Tgt Ion:198 Resp: 128307

Ion Ratio Lower Upper

198 100

51 38.0 22.5 62.5

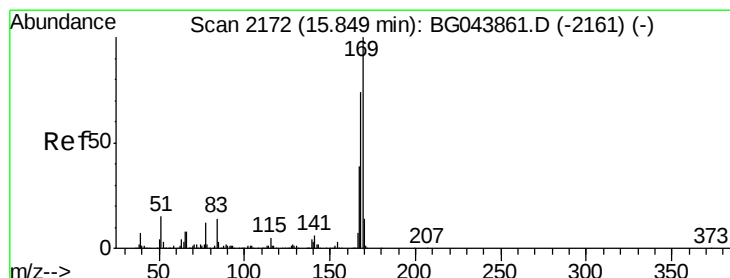
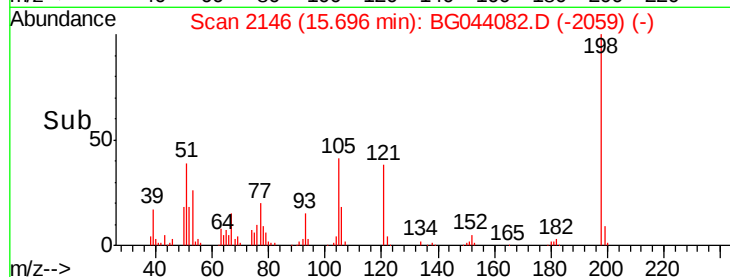
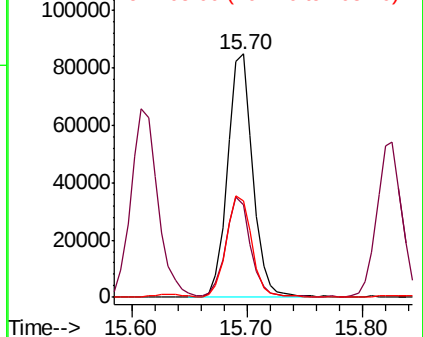
105 39.8 22.3 62.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.246 ng

RT: 15.83 min Scan# 2168

Delta R.T. -0.02 min

Lab File: BG044082.D

Acq: 17 Jan 2020 19:57

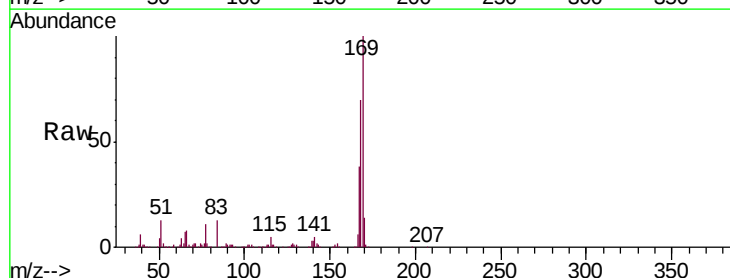
Tgt Ion:169 Resp: 610022

Ion Ratio Lower Upper

169 100

168 70.3 59.0 88.6

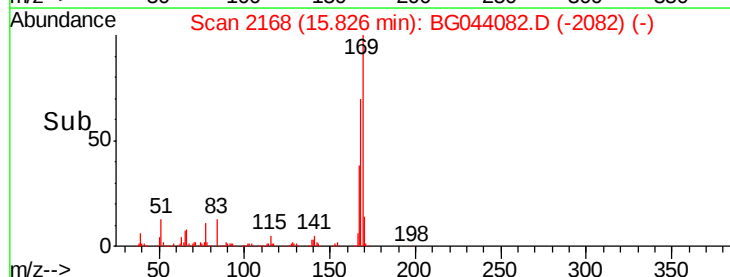
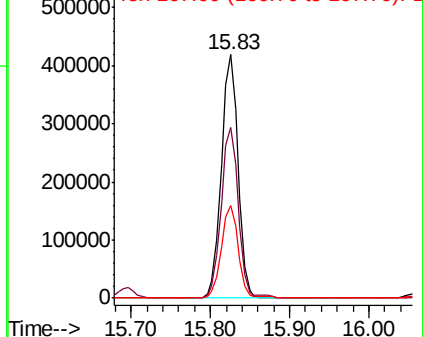
167 37.8 31.4 47.0

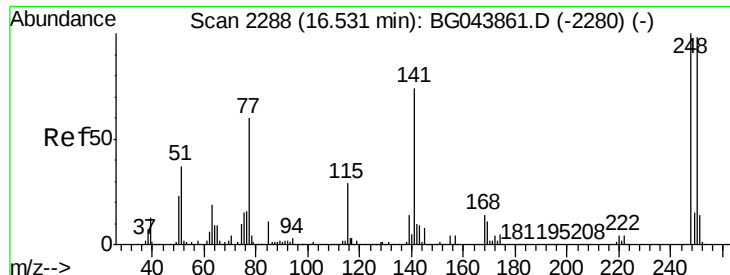


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

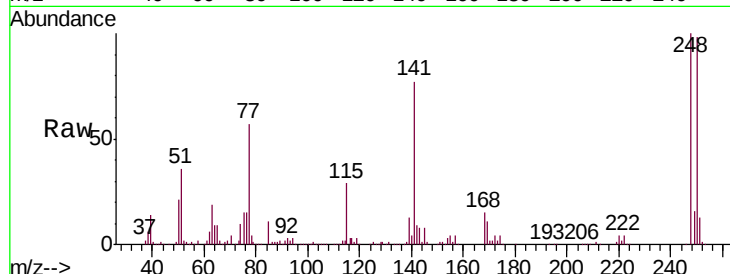




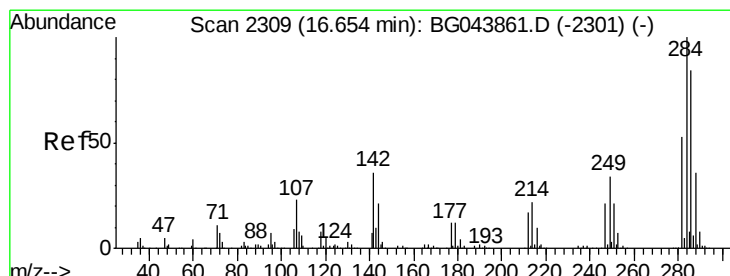
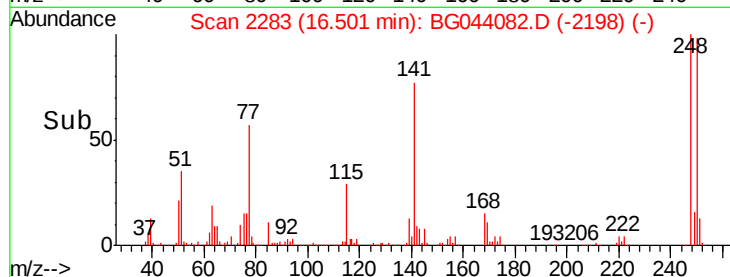
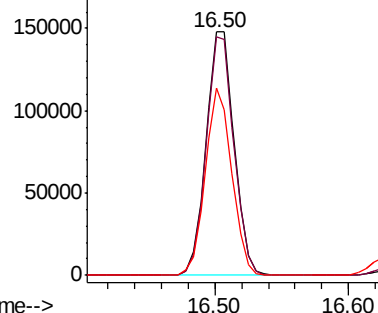
#67
4-Bromophenyl-phenylether
Concen: 39.953 ng
RT: 16.50 min Scan# 2283
Delta R.T. -0.03 min
Lab File: BG044082.D
Acq: 17 Jan 2020 19:57

Instrument :
BNA_G
ClientSampleId :
PB126154BS

Tgt Ion:248 Resp: 215239
Ion Ratio Lower Upper
248 100
250 97.9 78.2 117.2
141 76.7 59.3 88.9

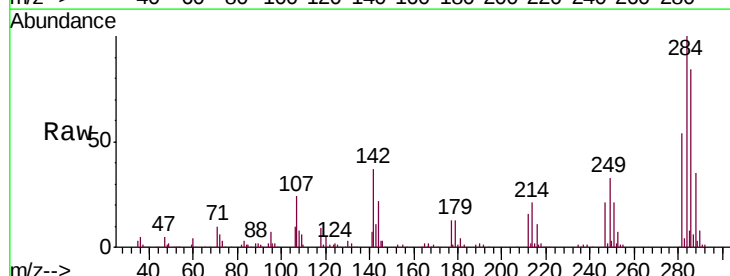


Abundance Ion 248.00 (247.70 to 248.70): E
200000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

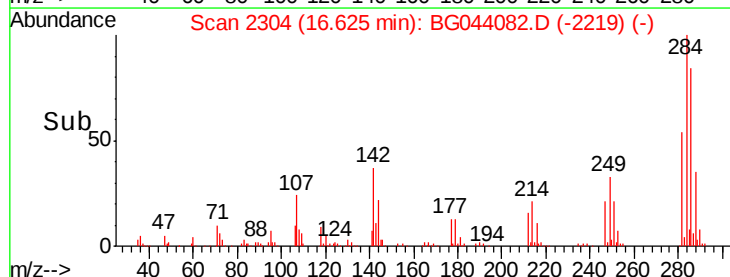
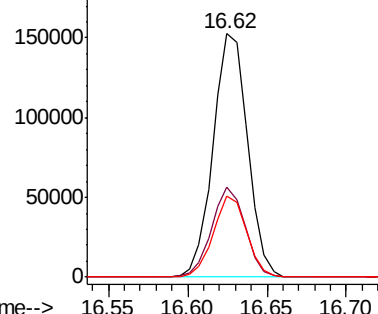


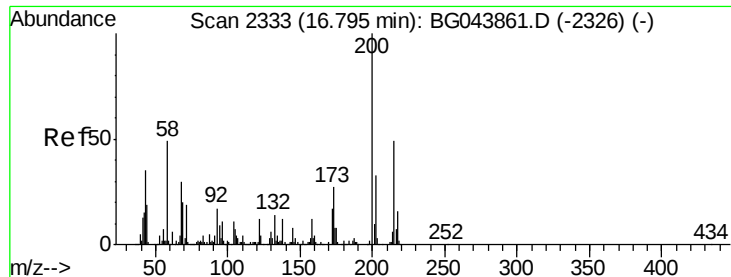
#68
Hexachlorobenzene
Concen: 39.653 ng
RT: 16.62 min Scan# 2304
Delta R.T. -0.03 min
Lab File: BG044082.D
Acq: 17 Jan 2020 19:57

Tgt Ion:284 Resp: 230185
Ion Ratio Lower Upper
284 100
142 37.2 28.6 43.0
249 33.3 27.0 40.6



Abundance Ion 283.80 (283.50 to 284.50): E
200000
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 48.571 ng

RT: 16.77 min Scan# 2329

Delta R.T. -0.02 min

Lab File: BG044082.D

Acq: 17 Jan 2020 19:57

Instrument :

BNA_G

ClientSampleId :

PB126154BS

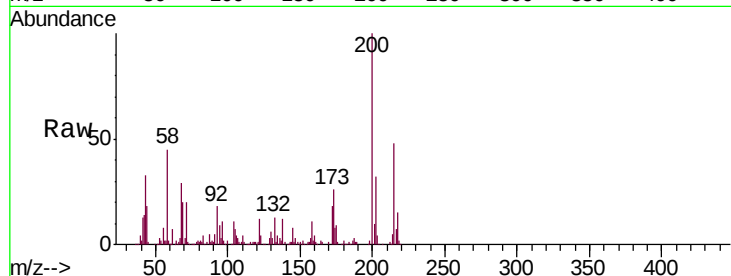
Tgt Ion:200 Resp: 222709

Ion Ratio Lower Upper

200 100

173 26.4 6.6 46.6

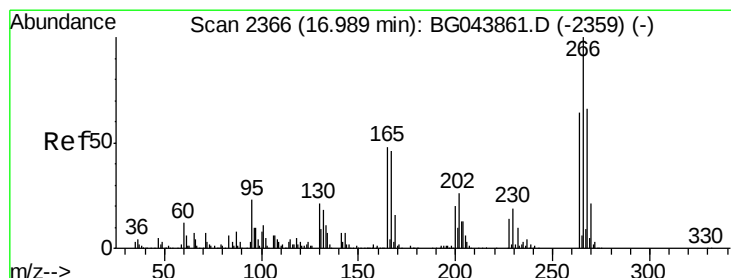
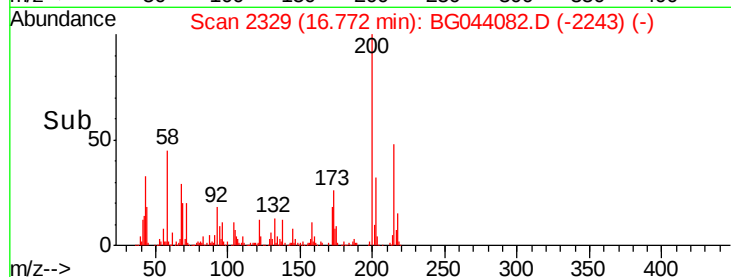
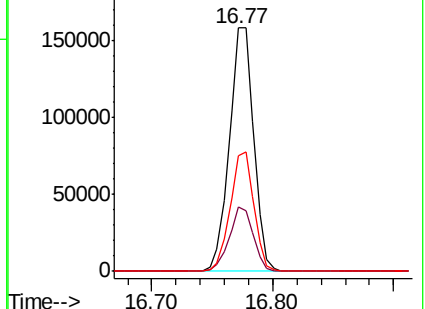
215 47.6 28.6 68.6



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: 79.897 ng

RT: 16.97 min Scan# 2363

Delta R.T. -0.02 min

Lab File: BG044082.D

Acq: 17 Jan 2020 19:57

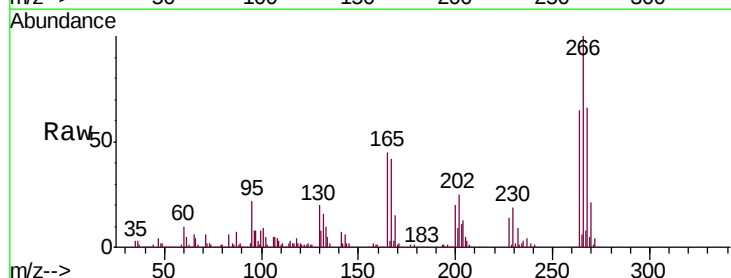
Tgt Ion:266 Resp: 255670

Ion Ratio Lower Upper

266 100

268 65.6 52.6 79.0

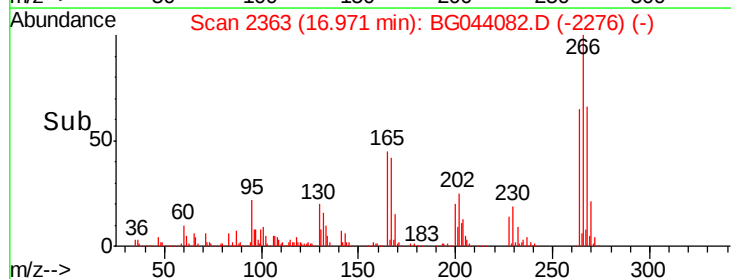
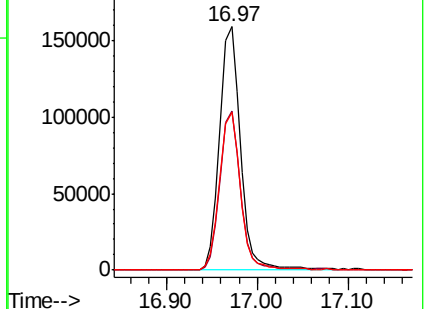
264 64.8 50.8 76.2

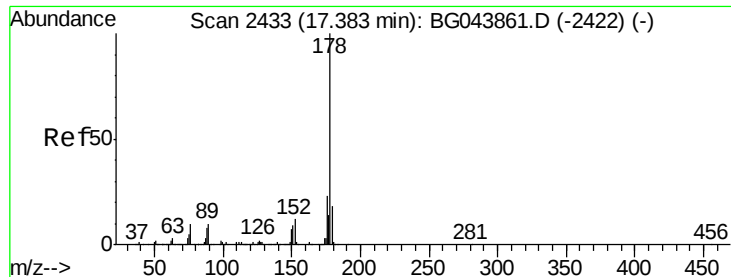


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

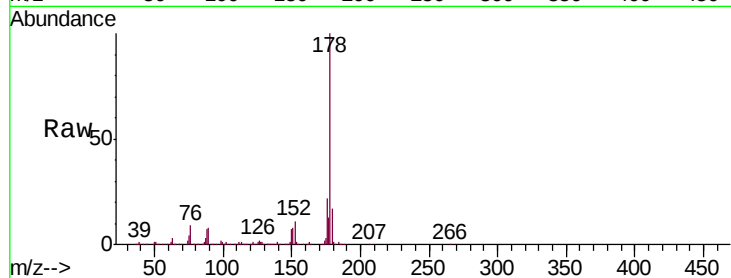




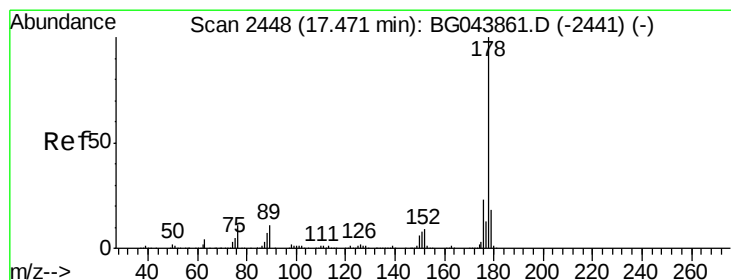
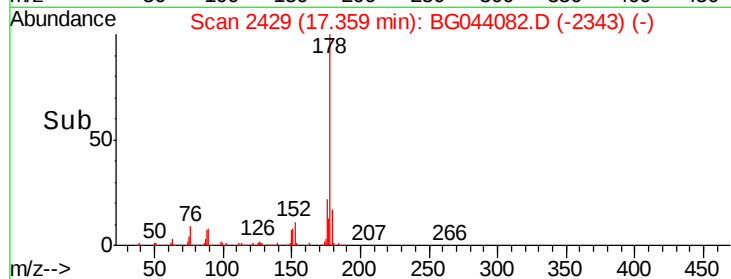
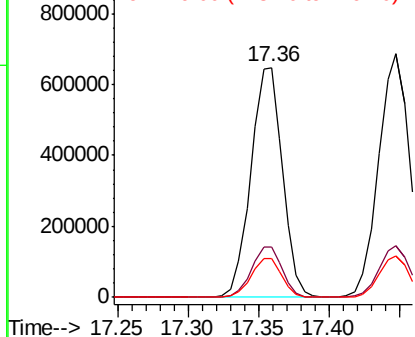
#71
Phenanthrene
Concen: 44.355 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.02 min
Lab File: BG044082.D
Acq: 17 Jan 2020 19:57

Instrument :
BNA_G
ClientSampleId :
PB126154BS

Tgt Ion:178 Resp: 1019082
Ion Ratio Lower Upper
178 100
176 21.9 18.6 28.0
179 17.0 14.4 21.6

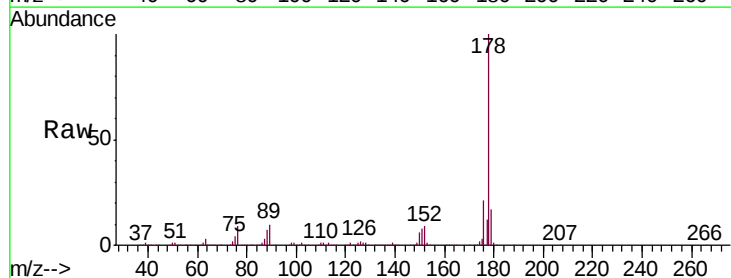


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

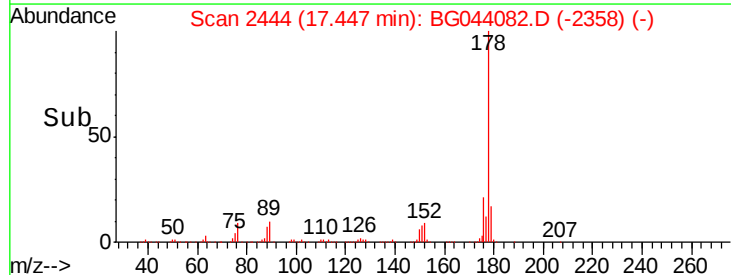
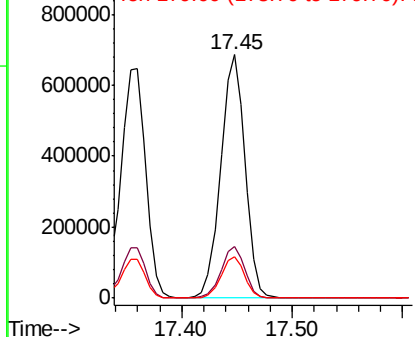


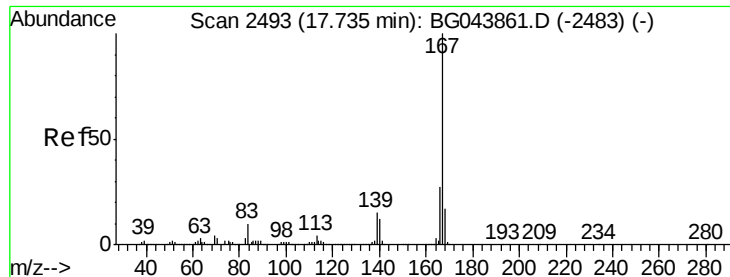
#72
Anthracene
Concen: 46.342 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.02 min
Lab File: BG044082.D
Acq: 17 Jan 2020 19:57

Tgt Ion:178 Resp: 1052261
Ion Ratio Lower Upper
178 100
176 21.2 18.3 27.5
179 16.9 14.6 22.0



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





#73

Carbazole

Concen: 44.452 ng

RT: 17.71 min Scan# 2489

Delta R.T. -0.02 min

Lab File: BG044082.D

Acq: 17 Jan 2020 19:57

Instrument :

BNA_G

ClientSampleId :

PB126154BS

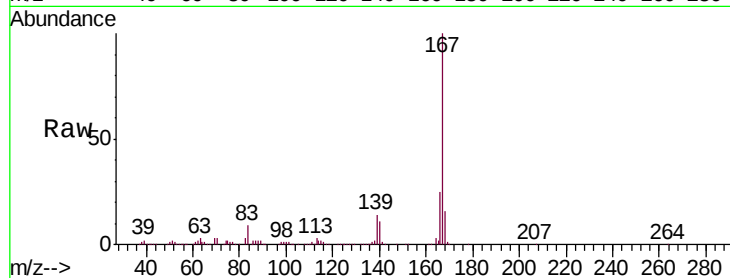
Tgt Ion:167 Resp: 932347

Ion Ratio Lower Upper

167 100

166 24.9 21.6 32.4

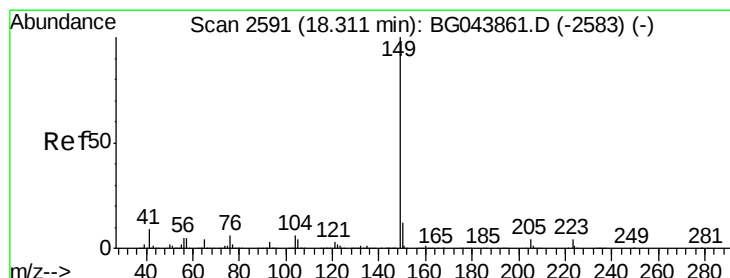
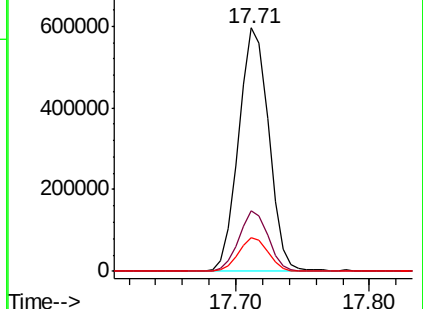
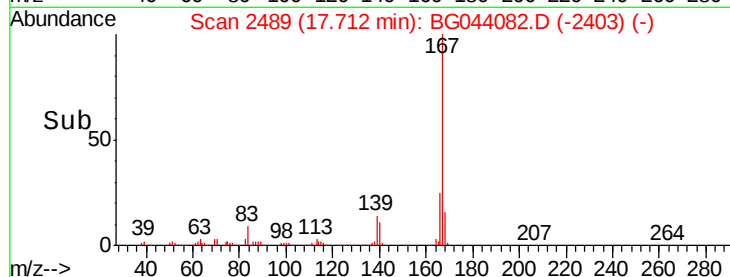
139 13.8 12.1 18.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.327 ng

RT: 18.28 min Scan# 2586

Delta R.T. -0.03 min

Lab File: BG044082.D

Acq: 17 Jan 2020 19:57

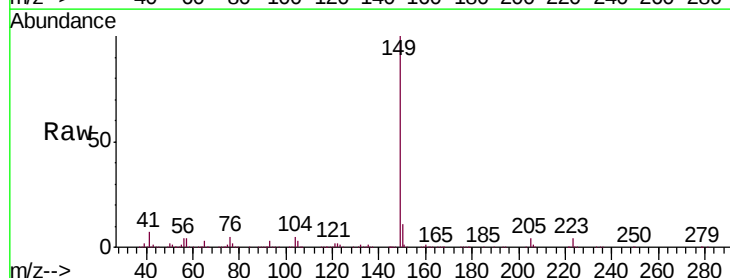
Tgt Ion:149 Resp: 1160238

Ion Ratio Lower Upper

149 100

150 10.6 9.7 14.5

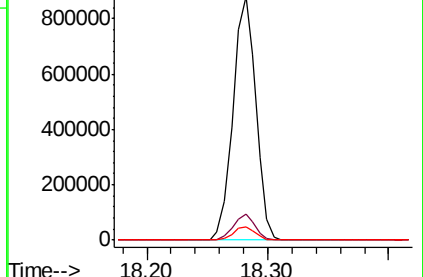
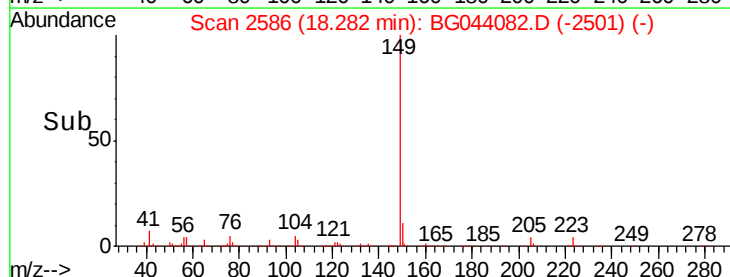
104 5.3 5.0 7.4

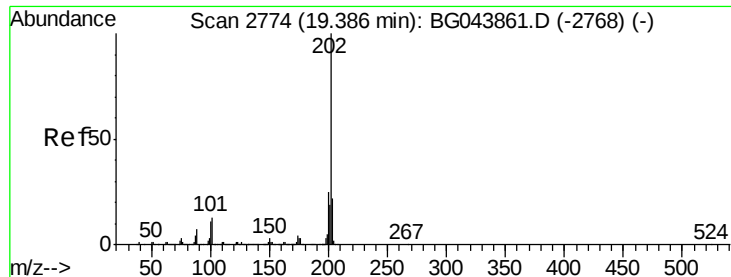


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.338 ng

RT: 19.36 min Scan# 2770

Delta R.T. -0.02 min

Lab File: BG044082.D

Acq: 17 Jan 2020 19:57

Instrument :

BNA_G

ClientSampleId :

PB126154BS

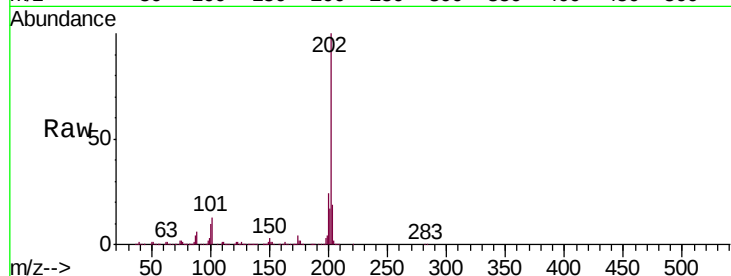
Tgt Ion:202 Resp: 1165004

Ion Ratio Lower Upper

202 100

101 12.6 0.0 33.3

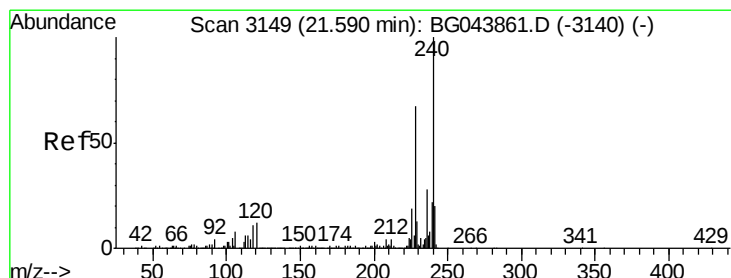
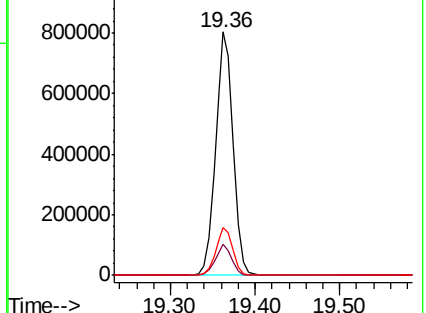
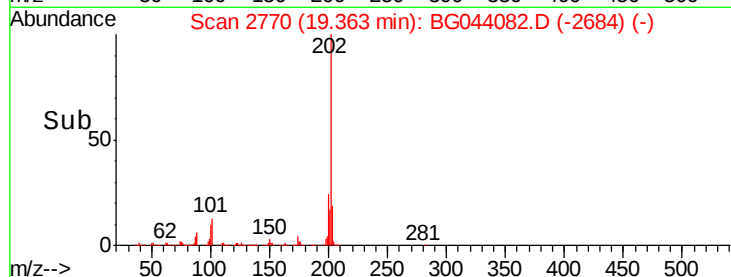
203 19.5 1.6 41.6



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: 21.56 min Scan# 3144

Delta R.T. -0.03 min

Lab File: BG044082.D

Acq: 17 Jan 2020 19:57

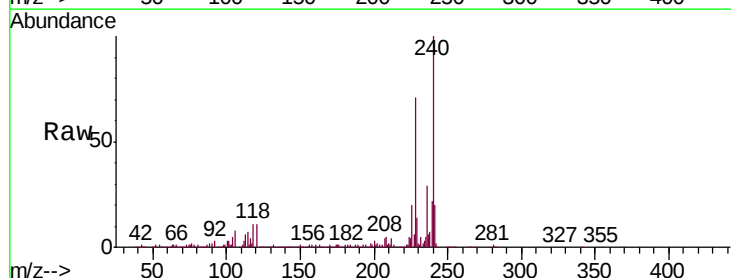
Tgt Ion:240 Resp: 404963

Ion Ratio Lower Upper

240 100

120 11.1 9.6 14.4

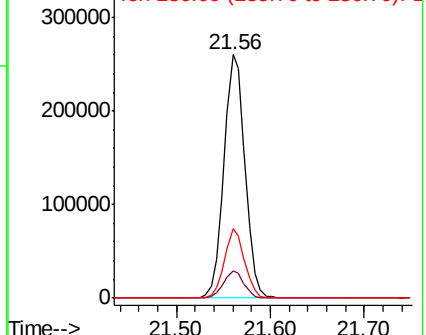
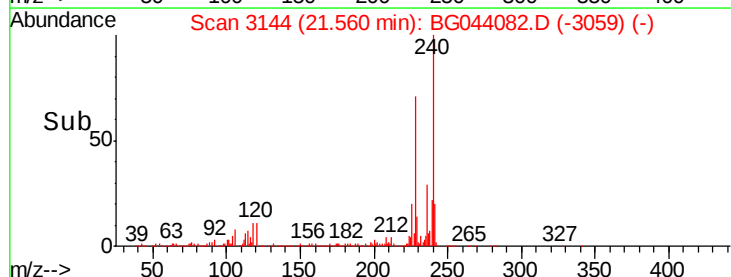
236 28.7 22.2 33.2

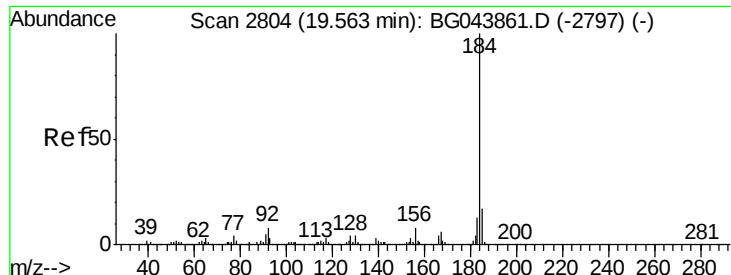


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

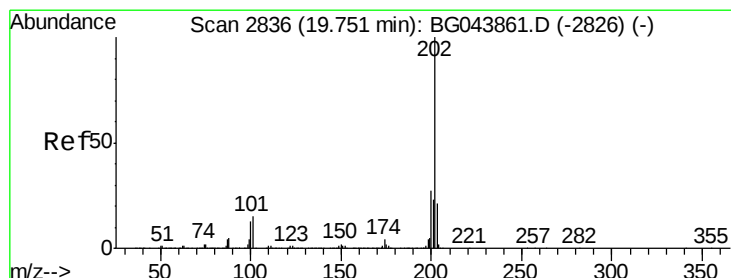
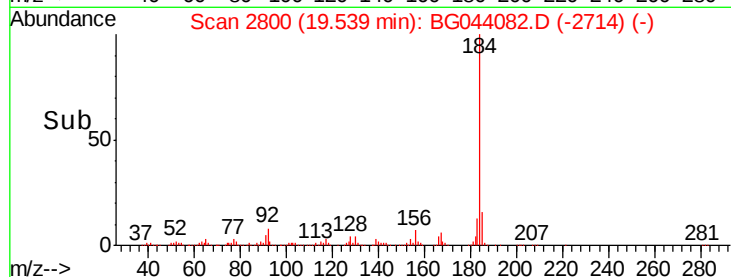
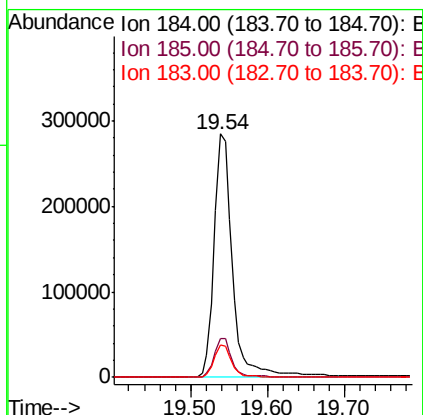
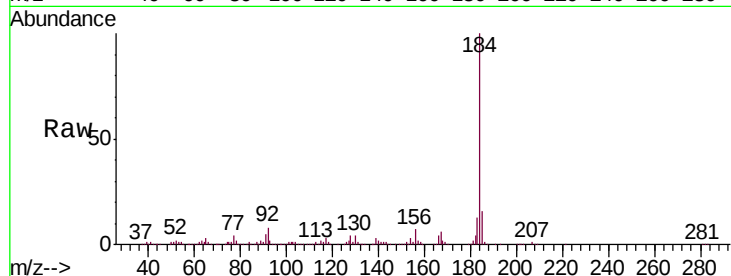




#77
Benzidine
Concen: 46.251 ng
RT: 19.54 min Scan# 2800
Delta R.T. -0.02 min
Lab File: BG044082.D
Acq: 17 Jan 2020 19:57

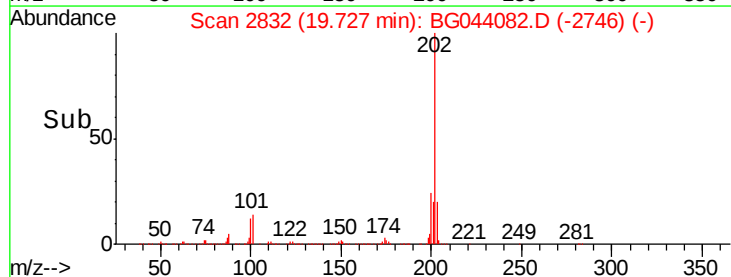
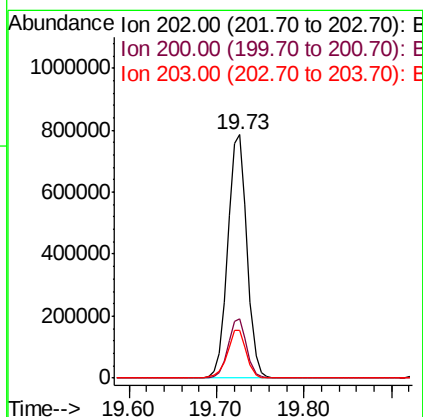
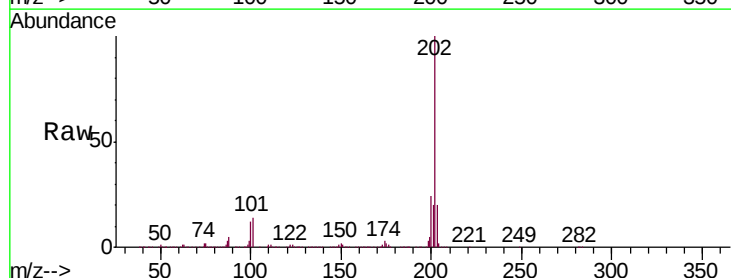
Instrument :
BNA_G
ClientSampleId :
PB126154BS

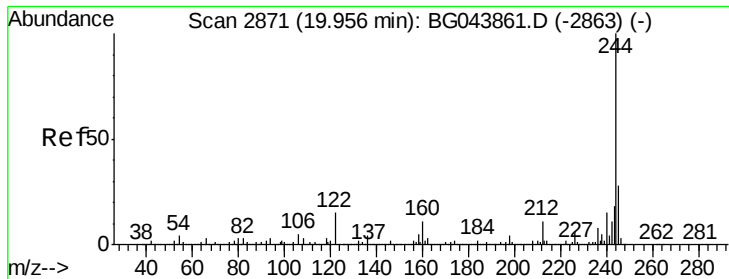
Tgt Ion:184 Resp: 470786
Ion Ratio Lower Upper
184 100
185 15.8 13.4 20.0
183 13.1 10.6 15.8



#78
Pyrene
Concen: 44.402 ng
RT: 19.73 min Scan# 2832
Delta R.T. -0.02 min
Lab File: BG044082.D
Acq: 17 Jan 2020 19:57

Tgt Ion:202 Resp: 1173707
Ion Ratio Lower Upper
202 100
200 24.4 21.7 32.5
203 19.6 17.0 25.6





#79

Terphenyl-d14

Concen: 87.011 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044082.D

Acq: 17 Jan 2020 19:57

Instrument :

BNA_G

ClientSampleId :

PB126154BS

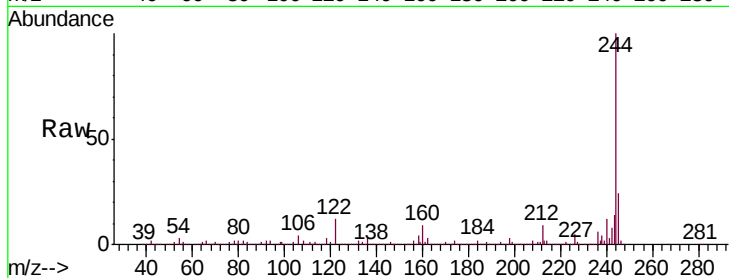
Tgt Ion:244 Resp: 1452379

Ion Ratio Lower Upper

244 100

212 8.8 8.6 13.0

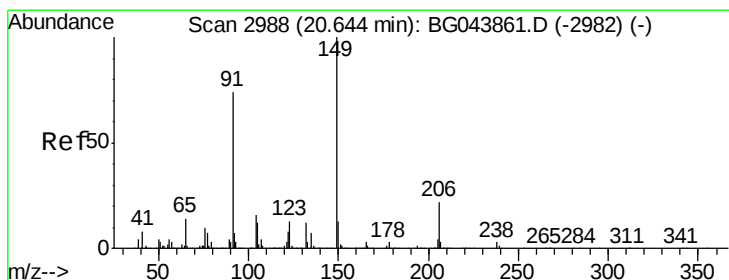
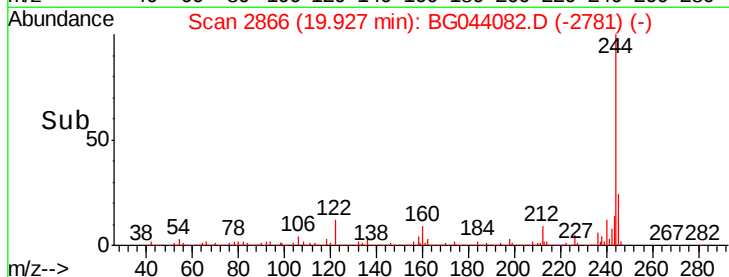
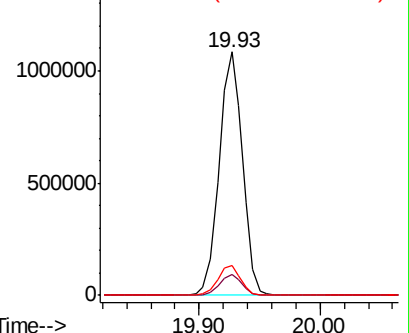
122 12.3 11.9 17.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.255 ng

RT: 20.61 min Scan# 2983

Delta R.T. -0.03 min

Lab File: BG044082.D

Acq: 17 Jan 2020 19:57

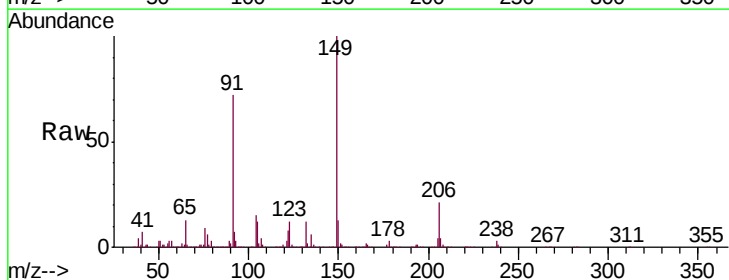
Tgt Ion:149 Resp: 544353

Ion Ratio Lower Upper

149 100

91 71.8 59.5 89.3

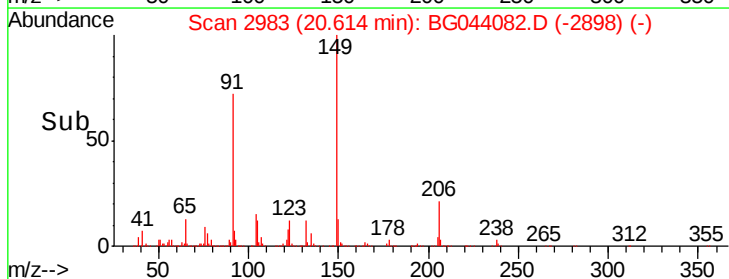
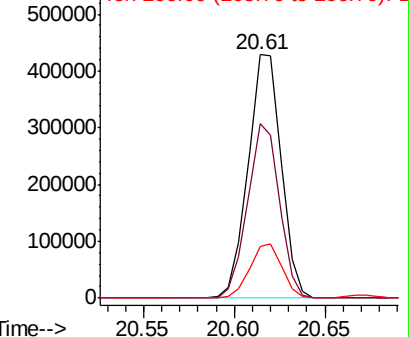
206 21.2 17.8 26.6

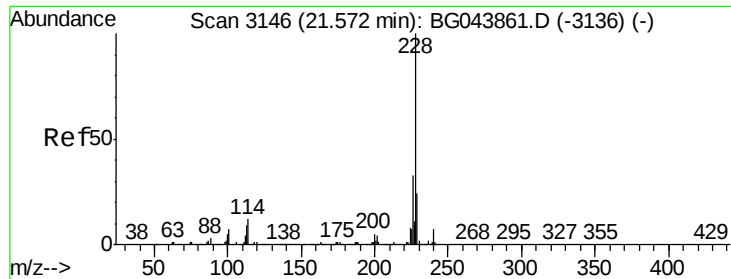


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

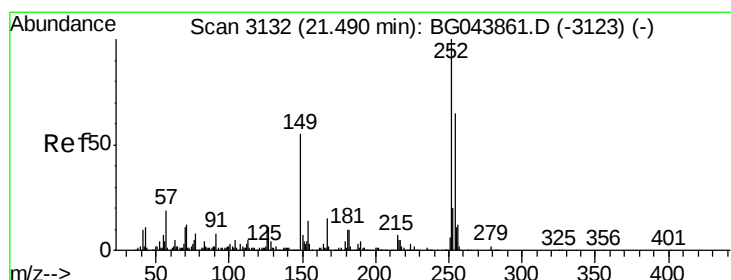
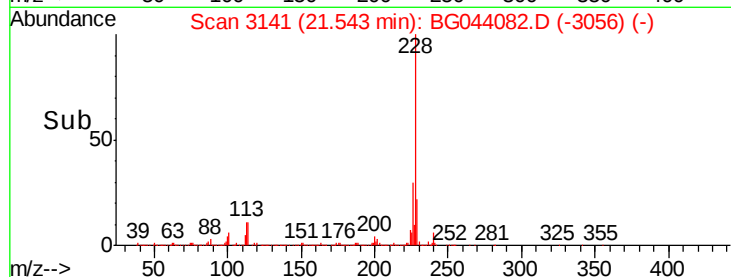
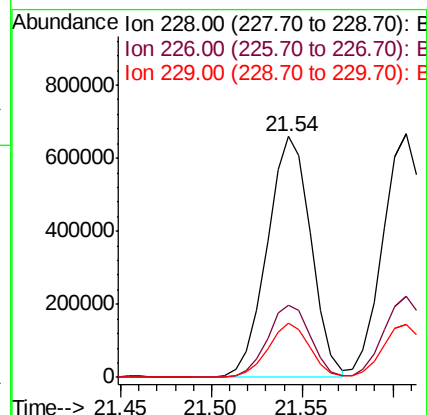
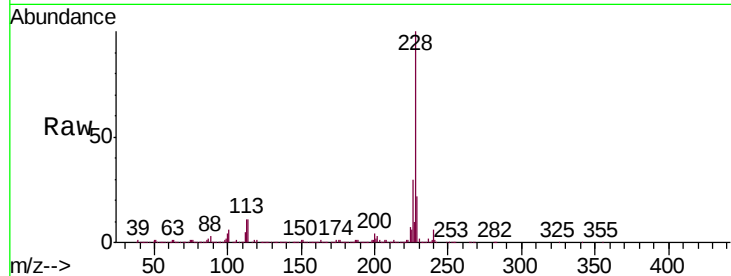




#81
Benzo(a)anthracene
Concen: 44.181 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.03 min
Lab File: BG044082.D
Acq: 17 Jan 2020 19:57

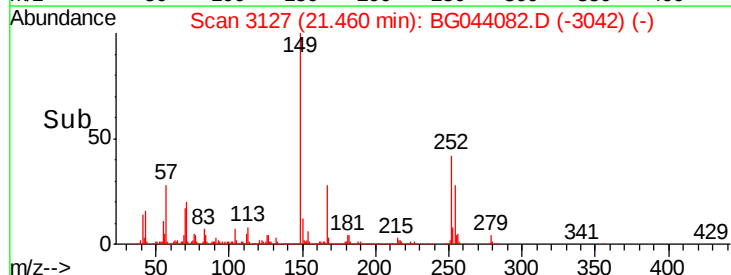
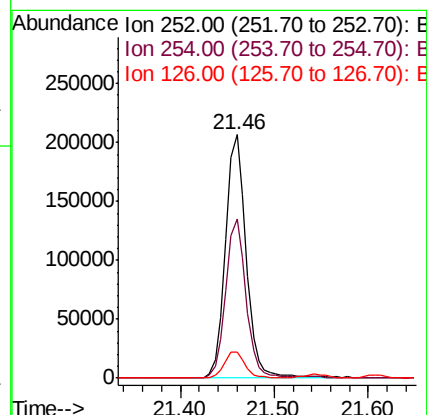
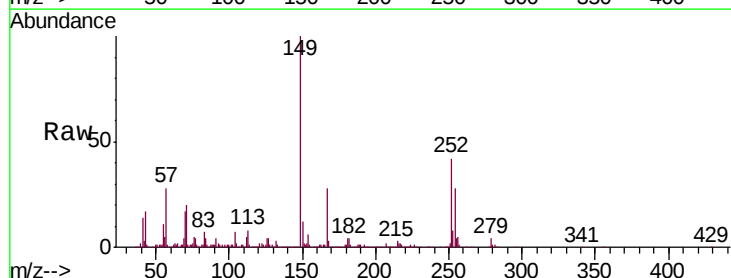
Instrument :
BNA_G
ClientSampleId :
PB126154BS

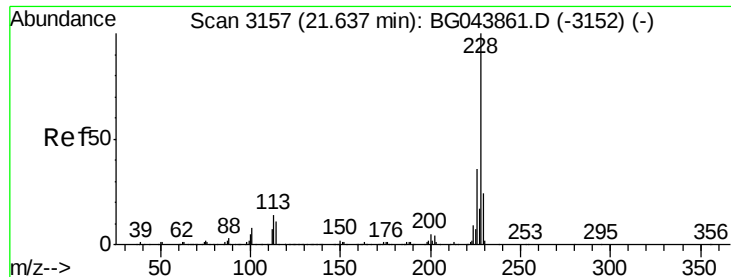
Tgt Ion:228 Resp: 1109409
Ion Ratio Lower Upper
228 100
226 30.0 26.2 39.4
229 22.3 18.9 28.3



#82
3,3'-Dichlorobenzidine
Concen: 32.144 ng
RT: 21.46 min Scan# 3127
Delta R.T. -0.03 min
Lab File: BG044082.D
Acq: 17 Jan 2020 19:57

Tgt Ion:252 Resp: 318891
Ion Ratio Lower Upper
252 100
254 65.5 52.1 78.1
126 10.6 9.1 13.7





#83

Chrysene

Concen: 45.252 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.03 min

Lab File: BG044082.D

Acq: 17 Jan 2020 19:57

Instrument :

BNA_G

ClientSampleId :

PB126154BS

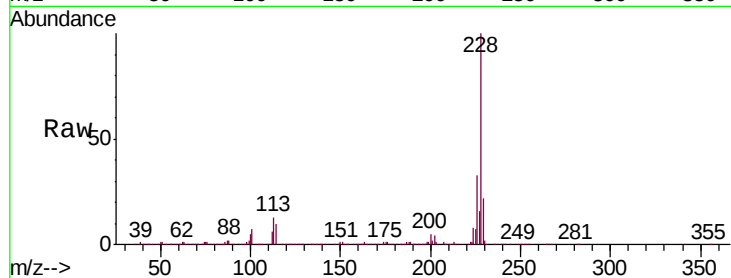
Tgt Ion:228 Resp: 1079709

Ion Ratio Lower Upper

228 100

226 33.1 28.8 43.2

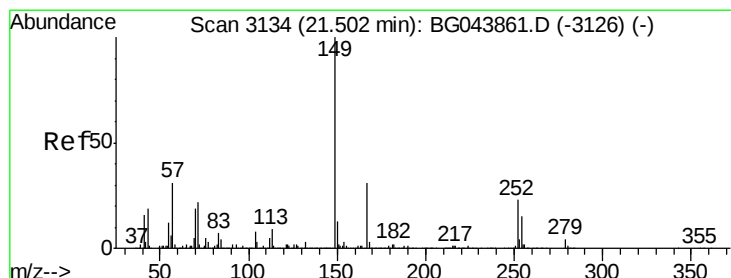
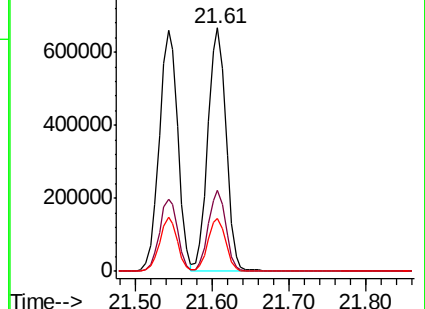
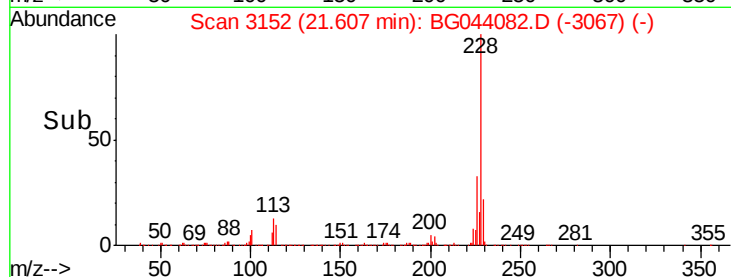
229 21.6 19.0 28.6



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: 44.550 ng

RT: 21.47 min Scan# 3128

Delta R.T. -0.04 min

Lab File: BG044082.D

Acq: 17 Jan 2020 19:57

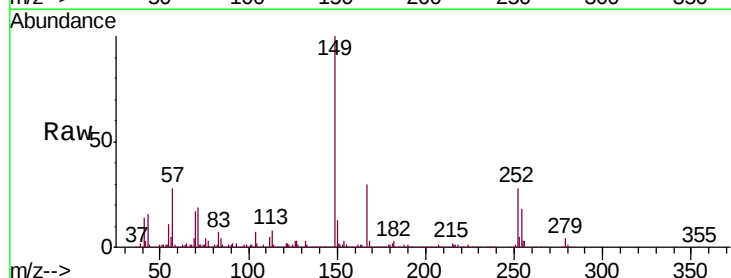
Tgt Ion:149 Resp: 773595

Ion Ratio Lower Upper

149 100

167 29.5 24.7 37.1

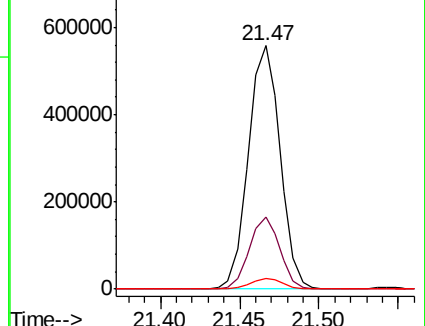
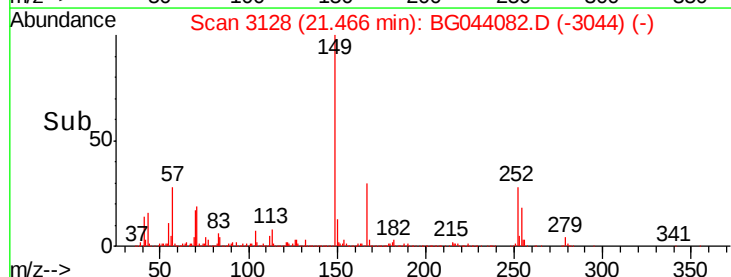
279 4.4 3.3 4.9

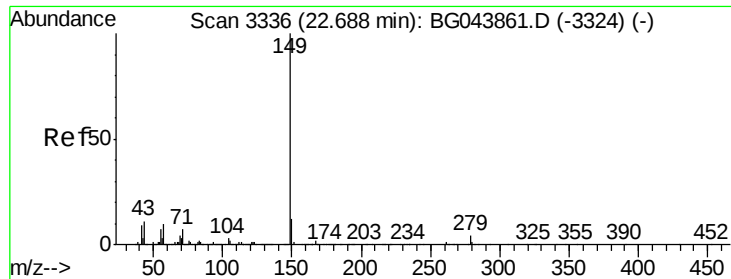


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

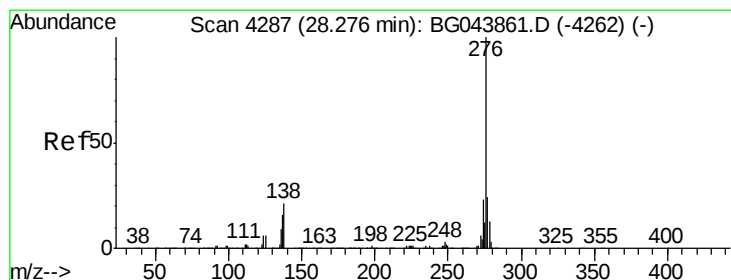
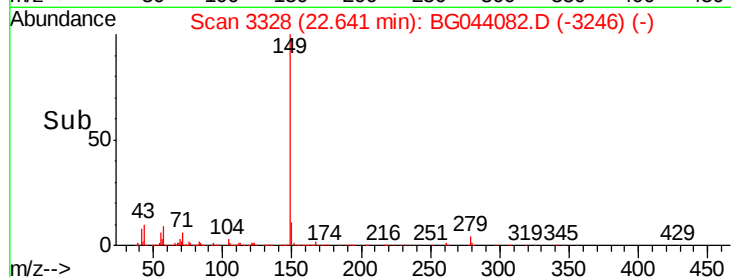
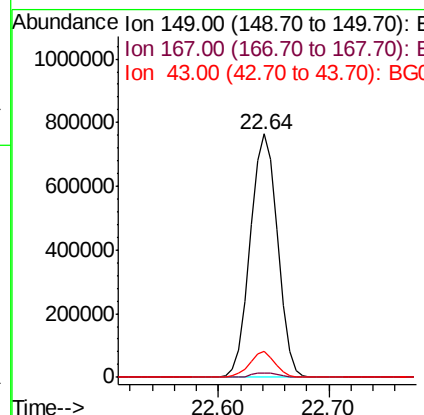
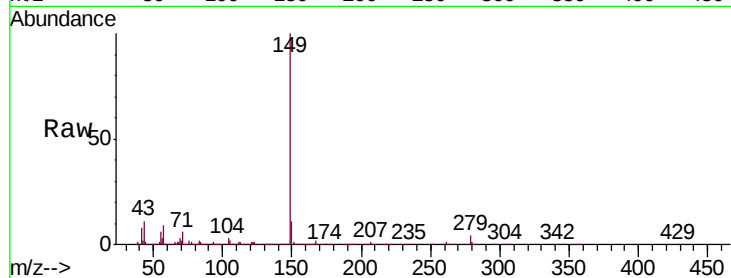




#85
Di-n-octyl phthalate
Concen: 45.488 ng
RT: 22.64 min Scan# 3328
Delta R.T. -0.05 min
Lab File: BG044082.D
Acq: 17 Jan 2020 19:57

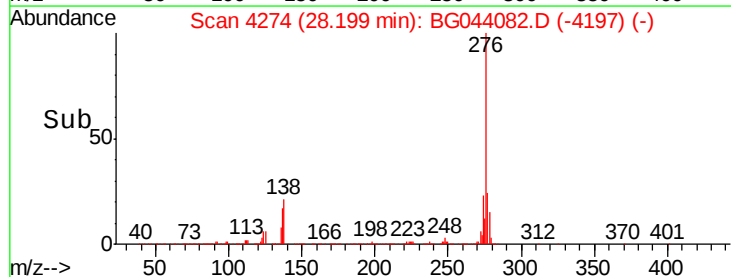
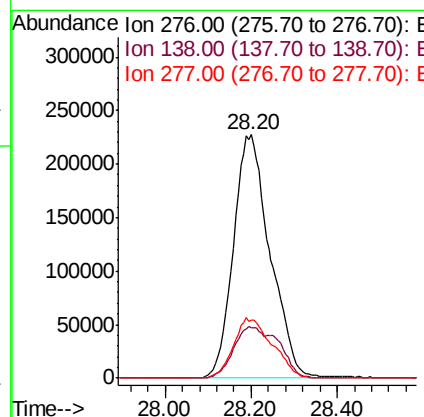
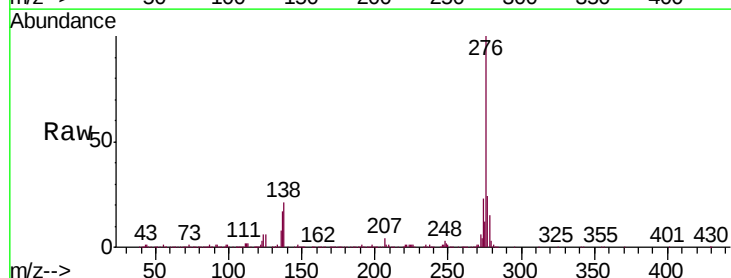
Instrument :
BNA_G
ClientSampleId :
PB126154BS

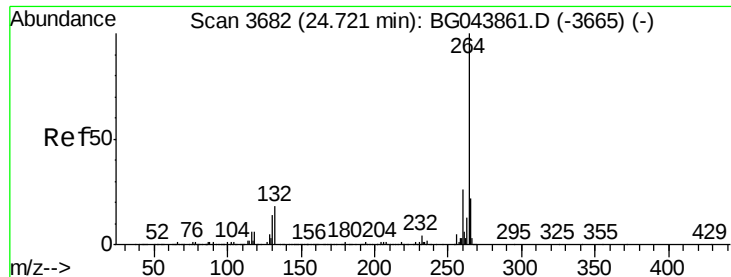
Tgt Ion:149 Resp: 1327906
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 9.7 8.8 13.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.532 ng
RT: 28.20 min Scan# 4274
Delta R.T. -0.08 min
Lab File: BG044082.D
Acq: 17 Jan 2020 19:57

Tgt Ion:276 Resp: 1346714
Ion Ratio Lower Upper
276 100
138 18.5 21.0 31.4#
277 26.2 21.1 31.7





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3673

Delta R.T. -0.05 min

Lab File: BG044082.D

Acq: 17 Jan 2020 19:57

Instrument :

BNA_G

ClientSampleId :

PB126154BS

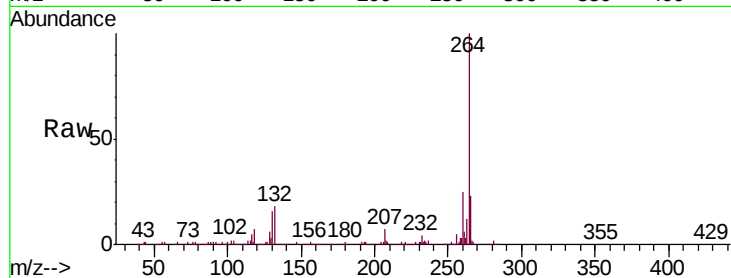
Tgt Ion:264 Resp: 458060

Ion Ratio Lower Upper

264 100

260 25.4 20.4 30.6

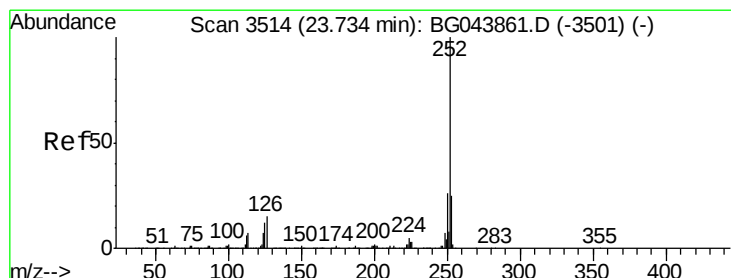
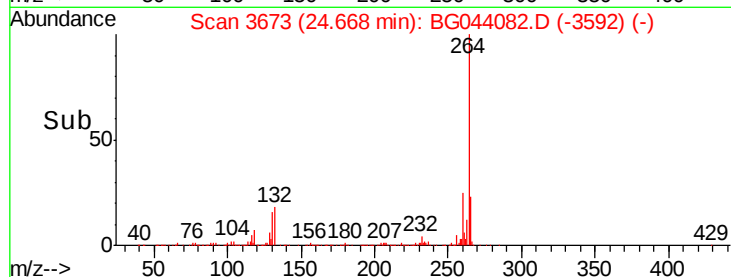
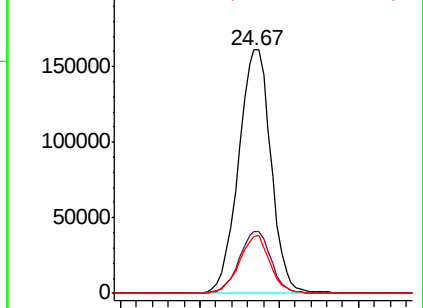
265 23.4 17.4 26.2



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: 43.019 ng

RT: 23.69 min Scan# 3506

Delta R.T. -0.05 min

Lab File: BG044082.D

Acq: 17 Jan 2020 19:57

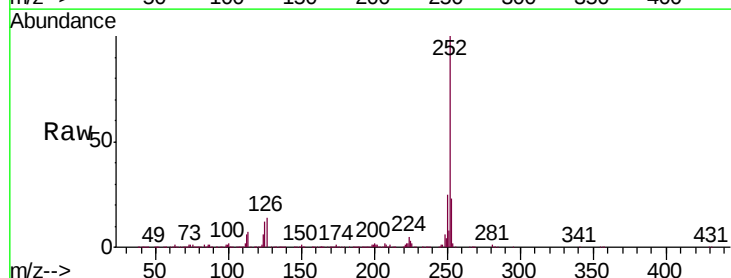
Tgt Ion:252 Resp: 1164930

Ion Ratio Lower Upper

252 100

253 23.5 19.7 29.5

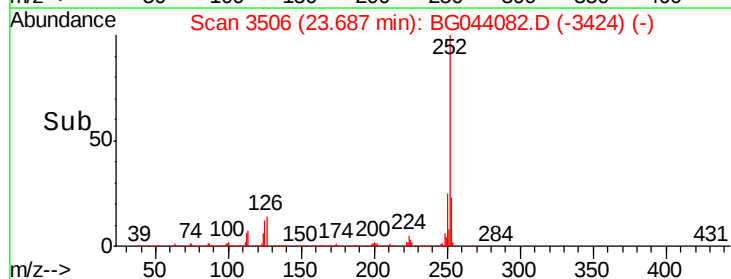
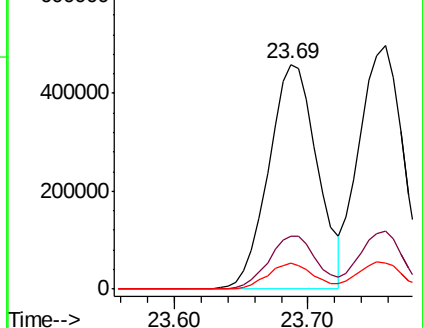
125 11.6 9.4 14.2

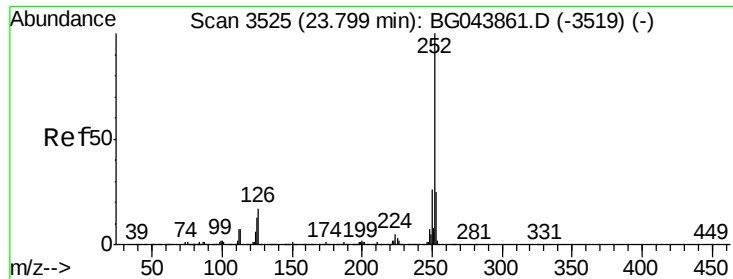


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 44.207 ng

RT: 23.76 min Scan# 3518

Delta R.T. -0.04 min

Lab File: BG044082.D

Acq: 17 Jan 2020 19:57

Instrument :

BNA_G

ClientSampleId :

PB126154BS

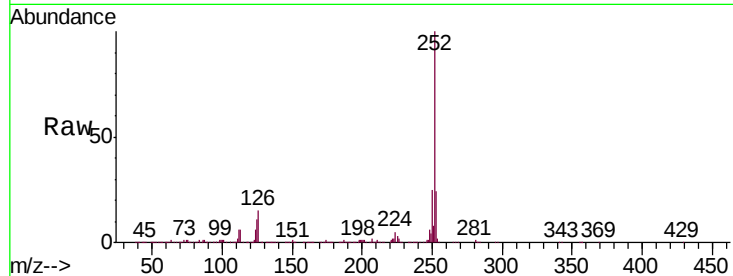
Tgt Ion:252 Resp: 1138371

Ion Ratio Lower Upper

252 100

253 23.8 19.4 29.2

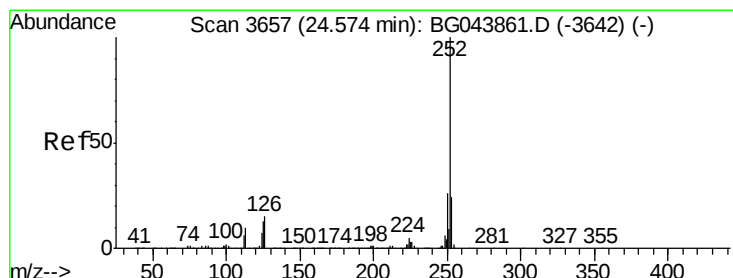
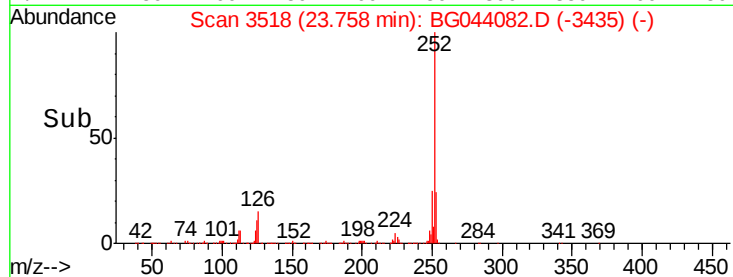
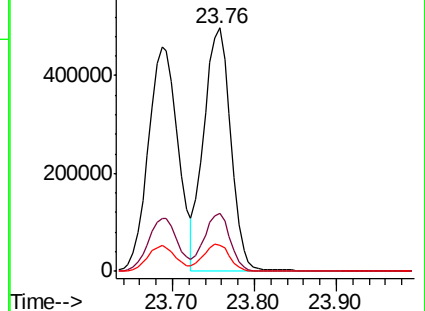
125 10.9 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 42.038 ng

RT: 24.52 min Scan# 3648

Delta R.T. -0.05 min

Lab File: BG044082.D

Acq: 17 Jan 2020 19:57

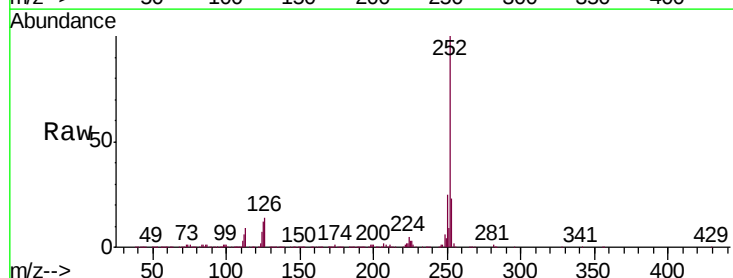
Tgt Ion:252 Resp: 1074413

Ion Ratio Lower Upper

252 100

253 23.2 19.3 28.9

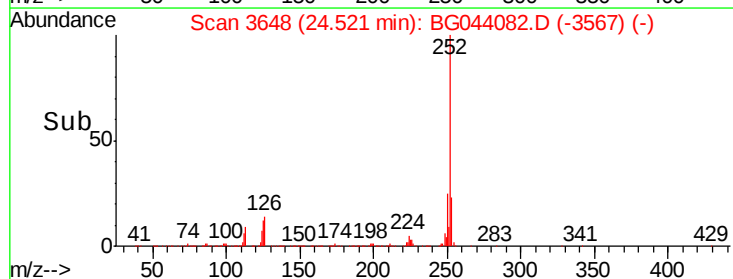
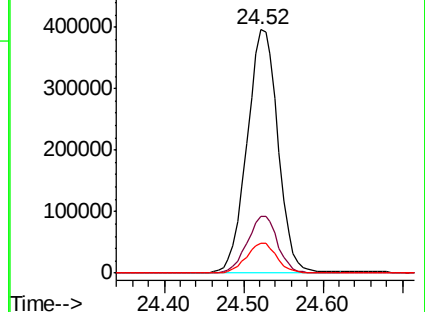
125 12.4 10.4 15.6

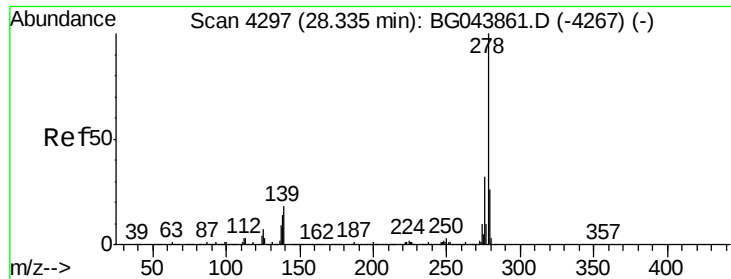


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 43.119 ng

RT: 28.26 min Scan# 4284

Delta R.T. -0.08 min

Lab File: BG044082.D

Acq: 17 Jan 2020 19:57

Instrument :

BNA_G

ClientSampleId :

PB126154BS

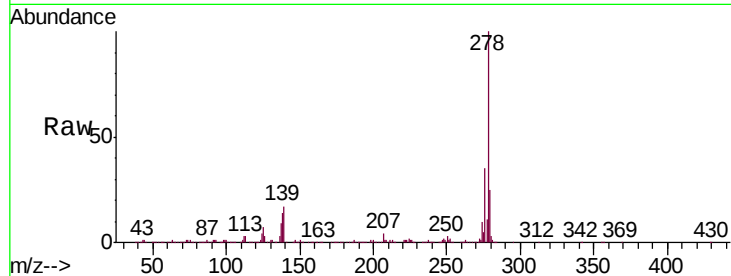
Tgt Ion:278 Resp: 1106769

Ion Ratio Lower Upper

278 100

139 16.8 14.2 21.4

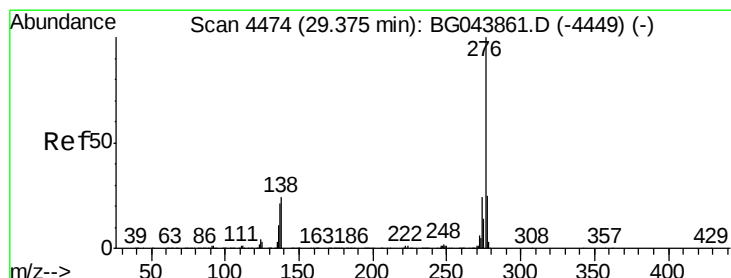
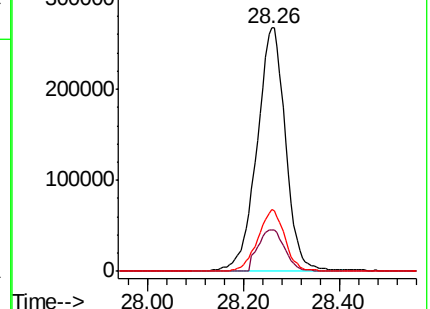
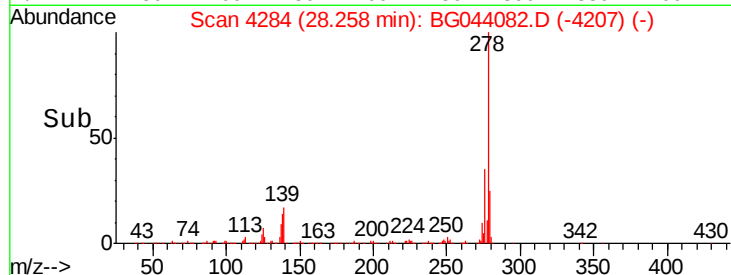
279 25.2 20.6 30.8



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: 44.233 ng

RT: 29.30 min Scan# 4461

Delta R.T. -0.08 min

Lab File: BG044082.D

Acq: 17 Jan 2020 19:57

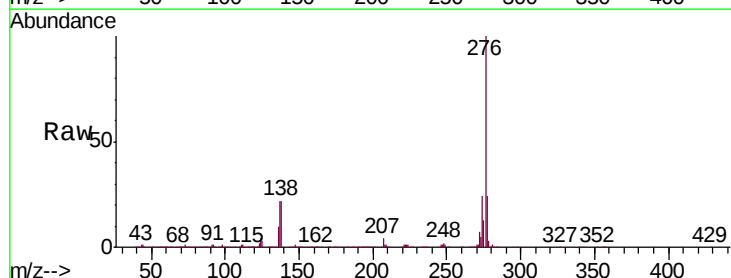
Tgt Ion:276 Resp: 1127771

Ion Ratio Lower Upper

276 100

277 24.2 20.2 30.4

138 22.5 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

