

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020620\
 Data File : BG044321.D
 Acq On : 6 Feb 2020 13:57
 Operator : CG/JU
 Sample : PB126624BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126624BS

Quant Time: Feb 06 21:45:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	92856	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	395935	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	267910	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	571598	20.00	ng	0.00
76) Chrysene-d12	21.54	240	491540	20.00	ng	0.00
87) Perylene-d12	24.64	264	478189	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	674351	128.17	ng	0.00
7) Phenol-d6	7.09	99	897157	126.98	ng	0.00
23) Nitrobenzene-d5	9.07	82	471511	67.23	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	373636	118.80	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1123668	70.23	ng	0.00
79) Terphenyl-d14	19.91	244	1589461	66.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.37	88	85147	36.019	ng	100
3) Pyridine	3.77	79	202867	32.211	ng	95
4) n-Nitrosodimethylamine	3.68	42	103882	39.472	ng	99
6) Aniline	7.24	93	279829	31.908	ng	99
8) 2-Chlorophenol	7.48	128	269142	46.544	ng	99
9) Benzaldehyde	7.04	77	111231	27.642	ng	96
10) Phenol	7.12	94	329900	47.180	ng	99
11) bis(2-Chloroethyl)ether	7.33	93	243339	40.706	ng	97
12) 1,3-Dichlorobenzene	7.80	146	270069	39.117	ng	99
13) 1,4-Dichlorobenzene	7.95	146	274950	40.209	ng	98
14) 1,2-Dichlorobenzene	8.27	146	261918	40.524	ng	99
15) Benzyl Alcohol	8.15	79	225055	44.992	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.44	45	313972	38.805	ng	99
17) 2-Methylphenol	8.36	107	234567	47.018	ng	96
18) Hexachloroethane	9.00	117	100612	39.210	ng	99
19) n-Nitroso-di-n-propylamine	8.72	70	192091	40.795	ng	96
20) 3+4-Methylphenols	8.69	107	326010	47.417	ng	99
22) Acetophenone	8.73	105	365055	37.901	ng	# 99
24) Nitrobenzene	9.11	77	270121	39.453	ng	97
25) Isophorone	9.64	82	536153	41.017	ng	99
26) 2-Nitrophenol	9.82	139	156483	44.048	ng	98
27) 2,4-Dimethylphenol	9.89	122	263161	52.476	ng	99
28) bis(2-Chloroethoxy)methane	10.12	93	343189	39.357	ng	99
29) 2,4-Dichlorophenol	10.36	162	278582	45.942	ng	99
30) 1,2,4-Trichlorobenzene	10.58	180	271137	38.996	ng	99
31) Naphthalene	10.76	128	782164	40.717	ng	100
32) Benzoic acid	10.05	122	151949	46.591	ng	93
33) 4-Chloroaniline	10.87	127	198177	22.684	ng	97
34) Hexachlorobutadiene	11.06	225	156470	36.572	ng	99
35) Caprolactam	11.64	113	55384	24.933	ng	99
36) 4-Chloro-3-methylphenol	12.00	107	292007	45.930	ng	99
37) 2-Methylnaphthalene	12.37	142	598388	41.955	ng	99
38) 1-Methylnaphthalene	12.59	142	568019	42.242	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	295577	36.882	ng	99

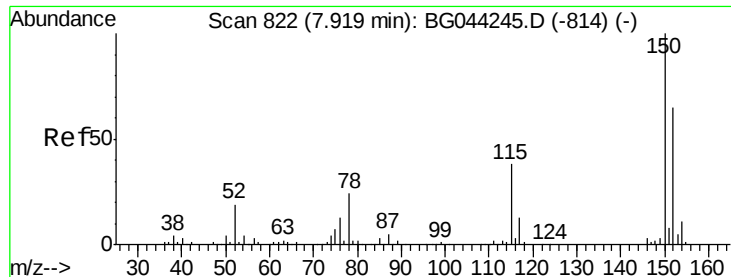
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020620\
 Data File : BG044321.D
 Acq On : 6 Feb 2020 13:57
 Operator : CG/JU
 Sample : PB126624BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126624BS

Quant Time: Feb 06 21:45:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	309948	80.603	ng	99
43) 2,4,6-Trichlorophenol	12.98	196	226188	43.665	ng	99
44) 2,4,5-Trichlorophenol	13.06	196	241127	45.574	ng	99
46) 1,1'-Biphenyl	13.38	154	763869	39.528	ng	99
47) 2-Chloronaphthalene	13.43	162	600751	39.067	ng	99
48) 2-Nitroaniline	13.63	65	176486	38.889	ng	96
49) Acenaphthylene	14.27	152	944371	41.870	ng	99
50) Dimethylphthalate	14.01	163	775149	40.250	ng	99
51) 2,6-Dinitrotoluene	14.12	165	176852	41.187	ng	99
52) Acenaphthene	14.62	154	584139	39.957	ng	99
53) 3-Nitroaniline	14.45	138	128138	26.973	ng	97
54) 2,4-Dinitrophenol	14.66	184	205882	80.830	ng	98
55) Dibenzofuran	14.95	168	910221	41.123	ng	99
56) 4-Nitrophenol	14.78	139	314231	90.301	ng	94
57) 2,4-Dinitrotoluene	14.91	165	243831	40.515	ng	95
58) Fluorene	15.60	166	706190	40.507	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.18	232	210712	44.090	ng	98
60) Diethylphthalate	15.38	149	767270	39.984	ng	99
61) 4-Chlorophenyl-phenylether	15.59	204	377395	39.925	ng	98
62) 4-Nitroaniline	15.62	138	168809	35.562	ng	97
63) Azobenzene	15.89	77	679044	40.376	ng	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	152769	48.418	ng	98
66) n-Nitrosodiphenylamine	15.80	169	668582	41.738	ng	100
67) 4-Bromophenyl-phenylether	16.49	248	251557	40.395	ng	98
68) Hexachlorobenzene	16.61	284	270891	38.827	ng	99
69) Atrazine	16.76	200	248946	45.342	ng	98
70) Pentachlorophenol	16.95	266	304774	86.134	ng	98
71) Phenanthrene	17.34	178	1131848	40.892	ng	99
72) Anthracene	17.43	178	1142856	41.764	ng	99
73) Carbazole	17.70	167	1023931	40.588	ng	99
74) Di-n-butylphthalate	18.26	149	1258772	40.378	ng	100
75) Fluoranthene	19.35	202	1299379	40.581	ng	100
77) Benzidine	19.52	184	383923	28.159	ng	97
78) Pyrene	19.71	202	1291070	40.900	ng	99
80) Butylbenzylphthalate	20.60	149	576425	40.070	ng	100
81) Benzo(a)anthracene	21.52	228	1241010	40.965	ng	99
82) 3,3'-Dichlorobenzidine	21.44	252	355848	30.266	ng	99
83) Chrysene	21.59	228	1197644	40.900	ng	100
84) Bis(2-ethylhexyl)phthalate	21.45	149	817638	41.294	ng	100
85) Di-n-octyl phthalate	22.61	149	1427904	41.680	ng	99
86) Indeno(1,2,3-cd)pyrene	28.14	276	1525461	39.931	ng	100
88) Benzo(b)fluoranthene	23.66	252	1310152	47.547	ng	99
89) Benzo(k)fluoranthene	23.73	252	1290306	48.045	ng	100
90) Benzo(a)pyrene	24.49	252	1215883	46.670	ng	98
91) Dibenzo(a,h)anthracene	28.20	278	1264787	49.054	ng	99
92) Benzo(g,h,i)perylene	29.24	276	1286434	49.840	ng	98

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

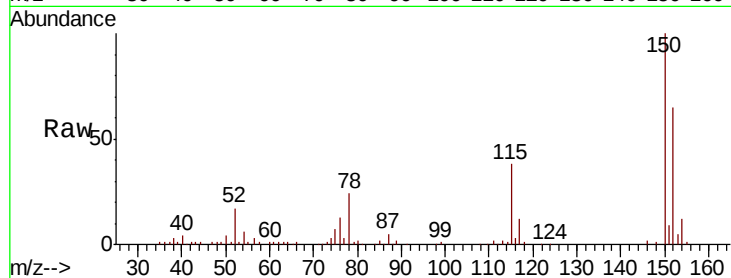


#1

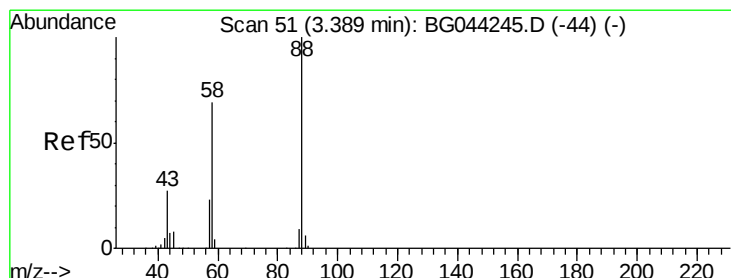
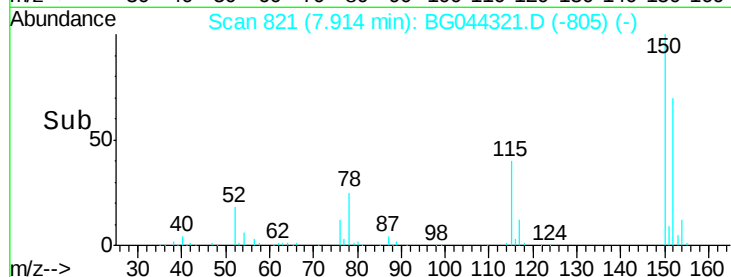
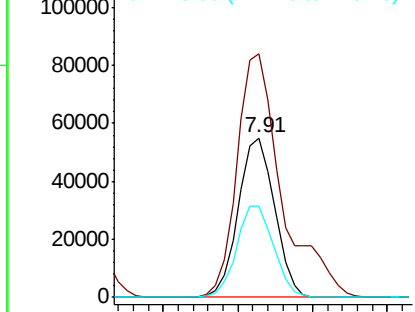
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044321.D
Acq: 6 Feb 2020 13:57

Instrument :
BNA_G
ClientSampleId :
PB126624BS

Tot Ion:152 Resp: 92856
Ion Ratio Lower Upper
152 100
150 152.7 122.6 183.8
115 57.4 46.0 69.0



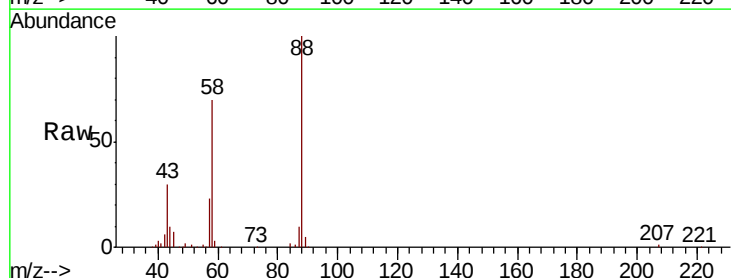
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



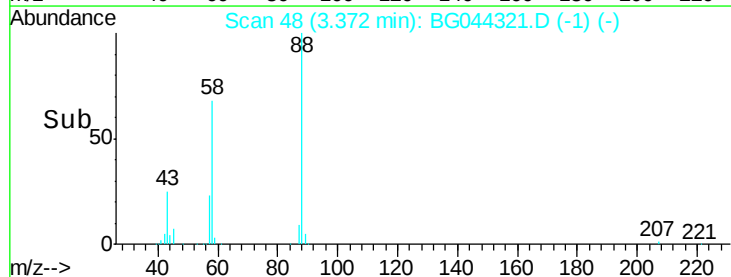
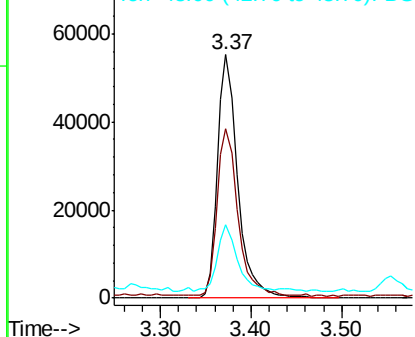
#2

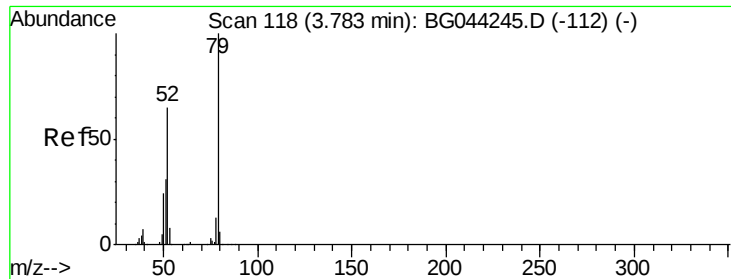
1,4-Dioxane
Concen: 36.019 ng
RT: 3.37 min Scan# 48
Delta R.T. -0.02 min
Lab File: BG044321.D
Acq: 6 Feb 2020 13:57

Tgt Ion: 88 Resp: 85147
Ion Ratio Lower Upper
88 100
58 69.6 55.8 83.6
43 27.6 21.6 32.4



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

Pvridine

Concen: 32.211 ng

RT: 3.77 min Scan# 115

Delta R.T. -0.02 min

Lab File: BG044321.D

Acq: 6 Feb 2020 13:57

Instrument :

BNA_G

ClientSampleId :

PB126624BS

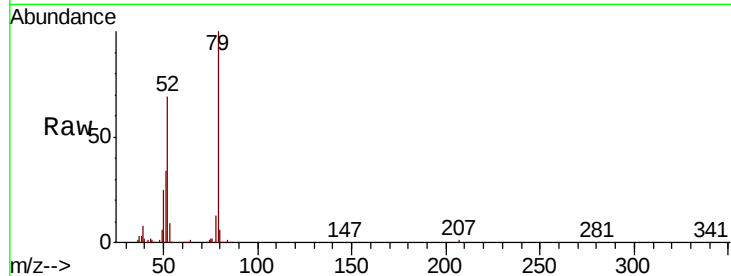
Tot Ion: 79 Resp: 202867

Ion Ratio Lower Upper

79 100

52 68.9 51.9 77.9

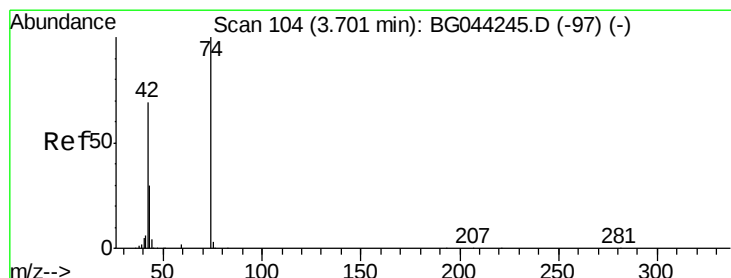
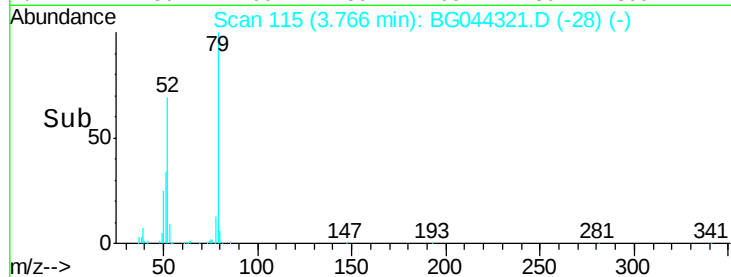
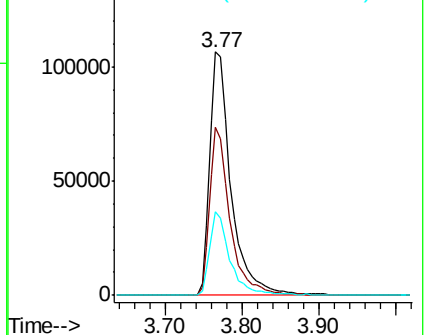
51 34.2 25.3 37.9



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 39.472 ng

RT: 3.68 min Scan# 101

Delta R.T. -0.02 min

Lab File: BG044321.D

Acq: 6 Feb 2020 13:57

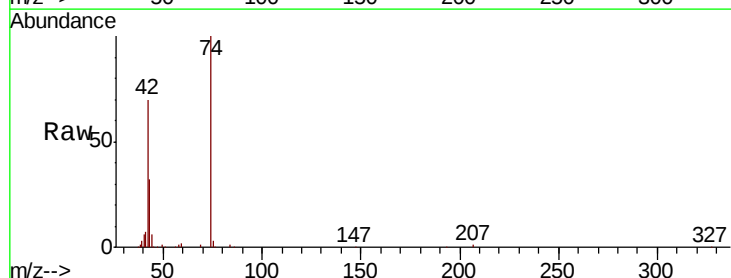
Tgt Ion: 42 Resp: 103882

Ion Ratio Lower Upper

42 100

74 143.5 115.1 172.7

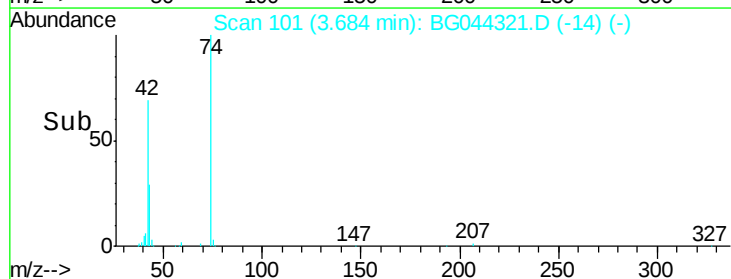
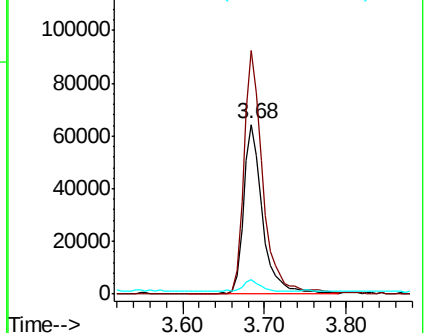
44 8.2 5.6 8.4

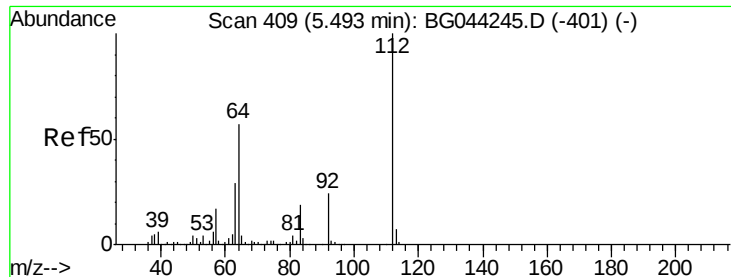


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 128.169 ng

RT: 5.49 min Scan# 409

Delta R.T. 0.00 min

Lab File: BG044321.D

Acq: 6 Feb 2020 13:57

Instrument :

BNA_G

ClientSampleId :

PB126624BS

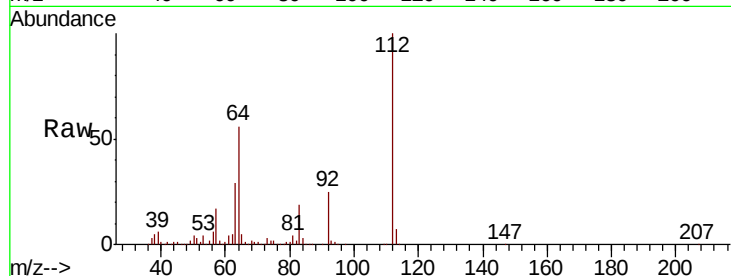
Tot Ion:112 Resp: 674351

Ion Ratio Lower Upper

112 100

64 56.2 45.4 68.2

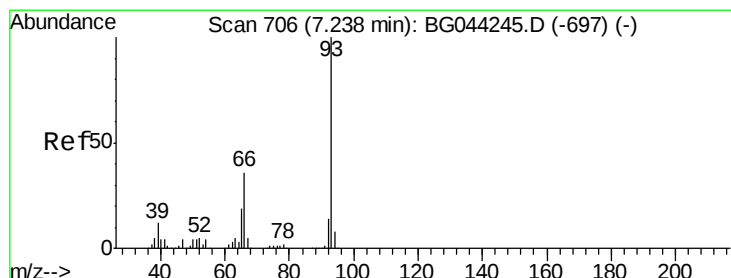
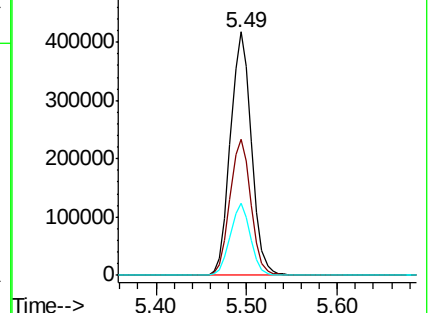
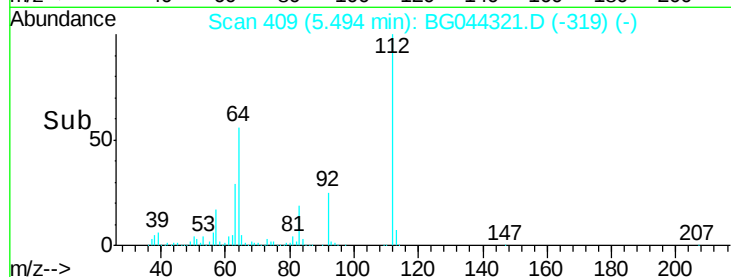
63 29.4 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 31.908 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG044321.D

Acq: 6 Feb 2020 13:57

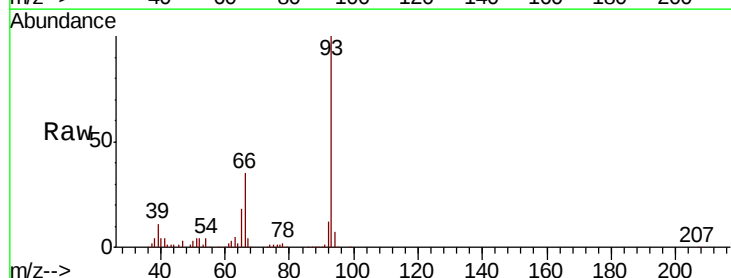
Tgt Ion: 93 Resp: 279829

Ion Ratio Lower Upper

93 100

66 35.5 28.7 43.1

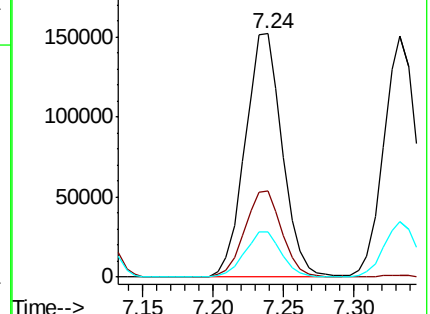
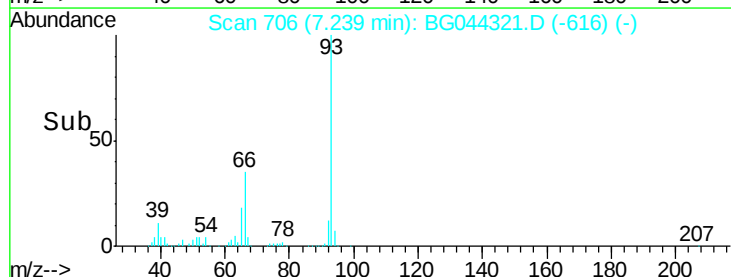
65 18.5 15.4 23.0

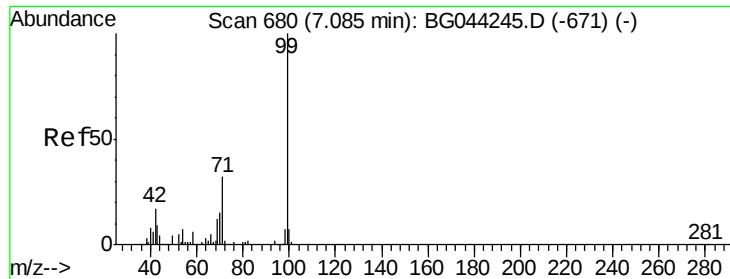


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 126.980 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.01 min

Lab File: BG044321.D

Acq: 6 Feb 2020 13:57

Instrument :

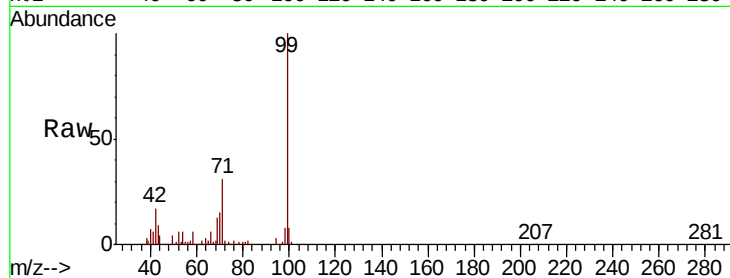
BNA_G

ClientSampleId :

PB126624BS

Tot Ion: 99 Resp: 897157

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.8	20.6
71	31.2	25.5	38.3

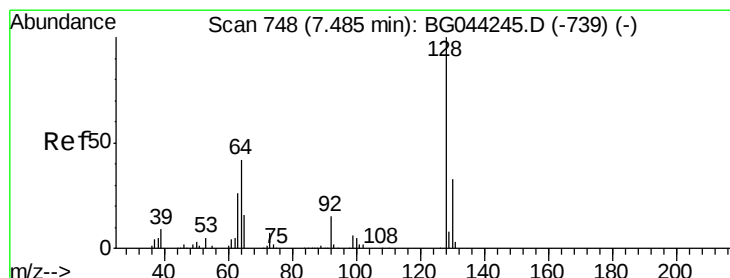
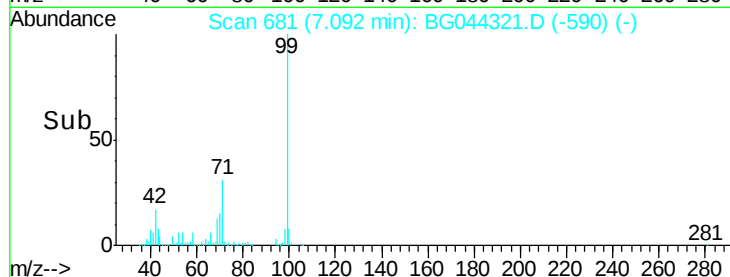
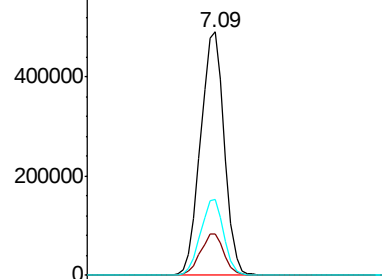


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 46.544 ng

RT: 7.48 min Scan# 747

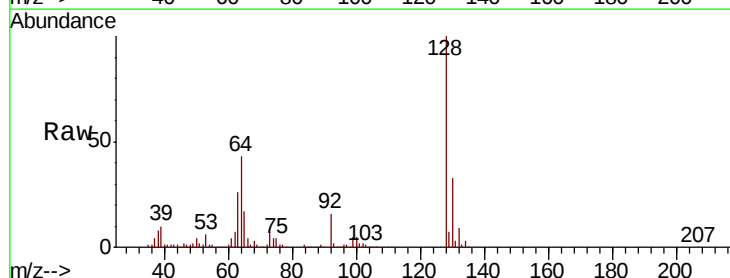
Delta R.T. -0.01 min

Lab File: BG044321.D

Acq: 6 Feb 2020 13:57

Tgt Ion: 128 Resp: 269142

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.5	52.5
64	43.1	24.2	64.2

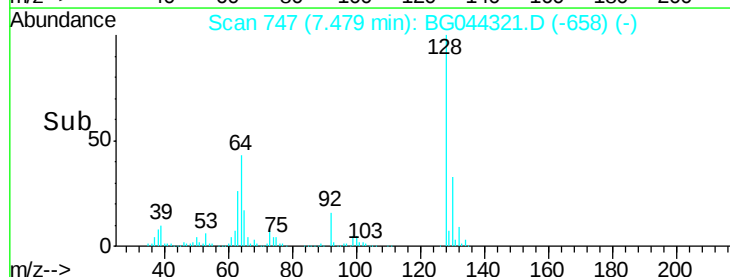
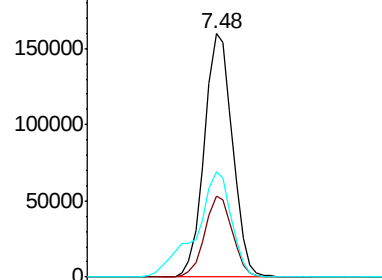


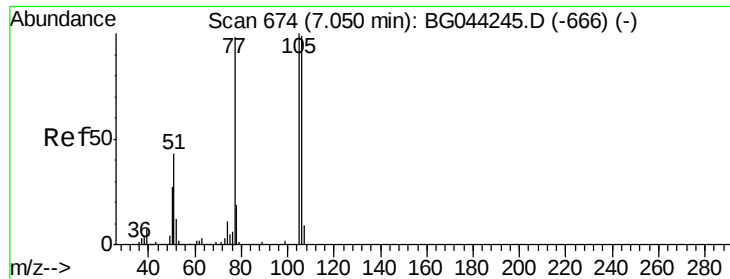
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 27.642 ng

RT: 7.04 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG044321.D

Acq: 6 Feb 2020 13:57

Instrument :

BNA_G

ClientSampleId :

PB126624BS

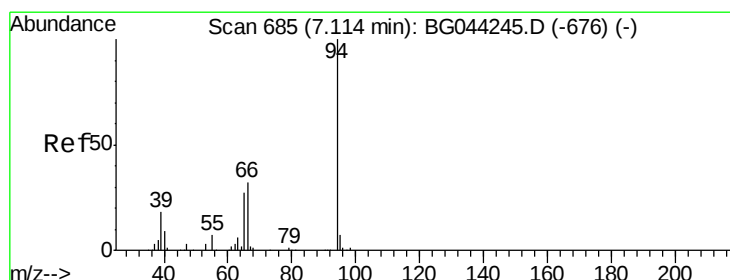
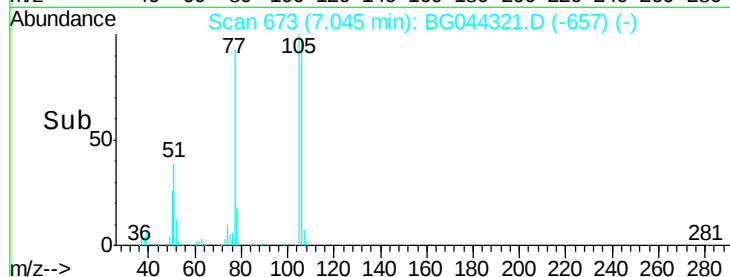
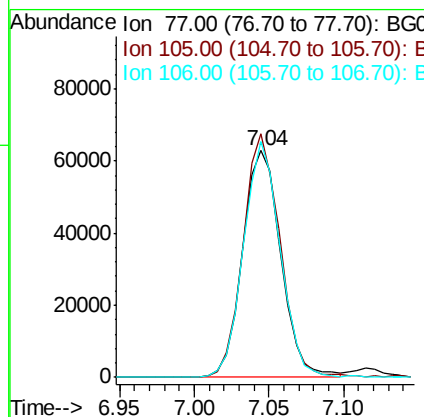
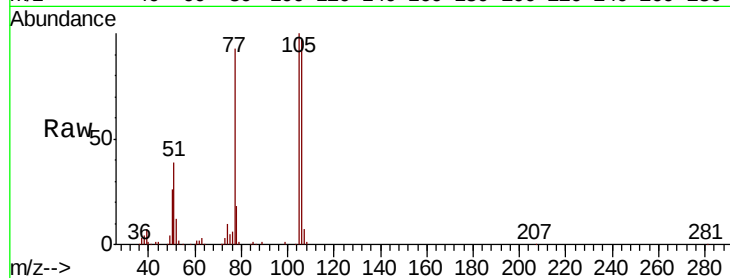
Tot Ion: 77 Resp: 111231

Ion Ratio Lower Upper

77 100

105 107.4 82.0 122.0

106 103.9 80.7 120.7



#10

Phenol

Concen: 47.180 ng

RT: 7.12 min Scan# 685

Delta R.T. 0.00 min

Lab File: BG044321.D

Acq: 6 Feb 2020 13:57

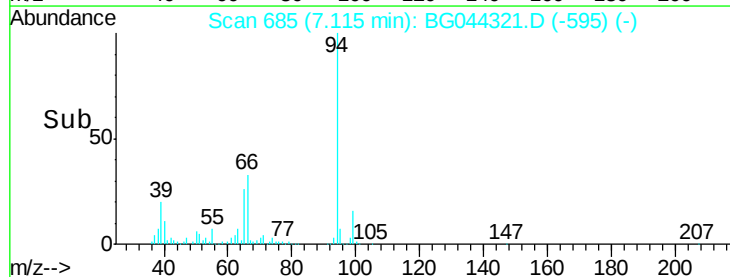
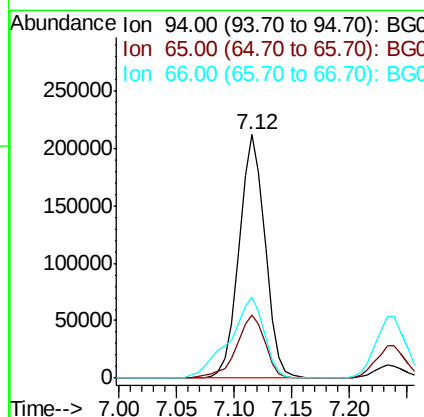
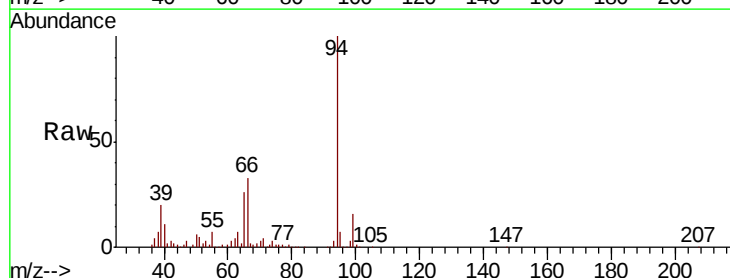
Tgt Ion: 94 Resp: 329900

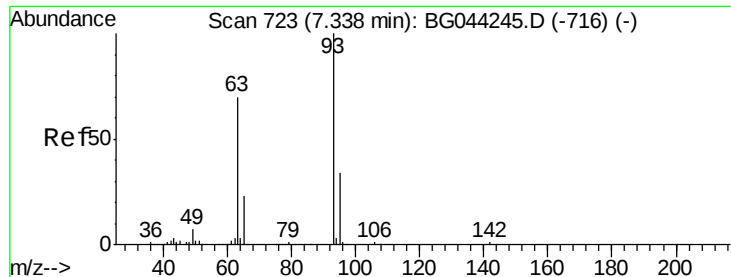
Ion Ratio Lower Upper

94 100

65 26.1 7.0 47.0

66 33.3 12.7 52.7

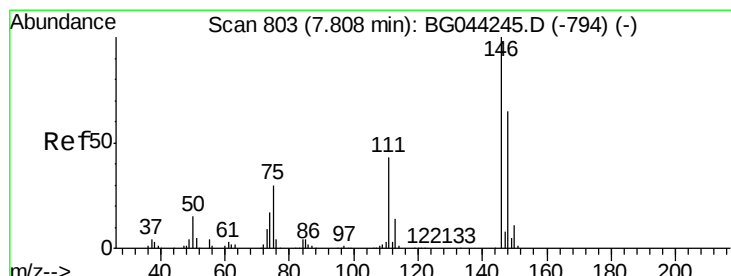
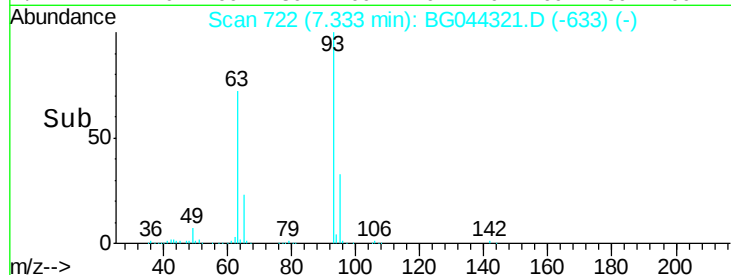
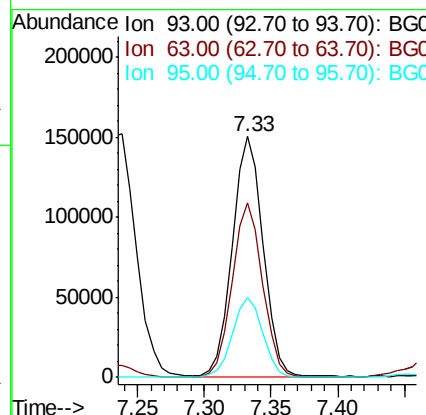
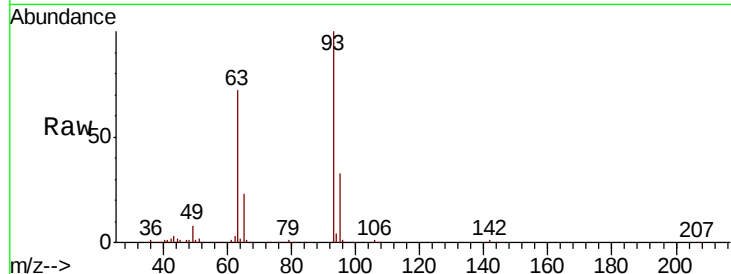




#11
bis(2-Chloroethyl)ether
Concen: 40.706 ng
RT: 7.33 min Scan# 722
Delta R.T. -0.01 min
Lab File: BG044321.D
Acq: 6 Feb 2020 13:57

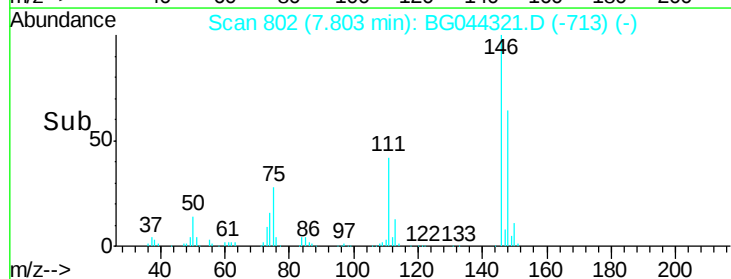
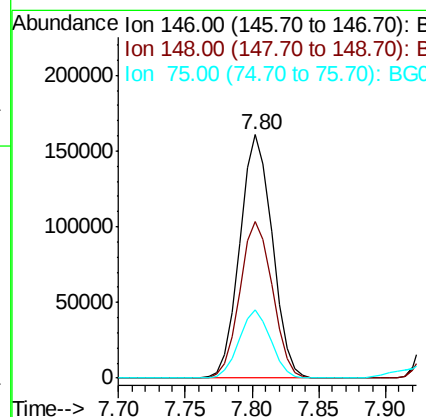
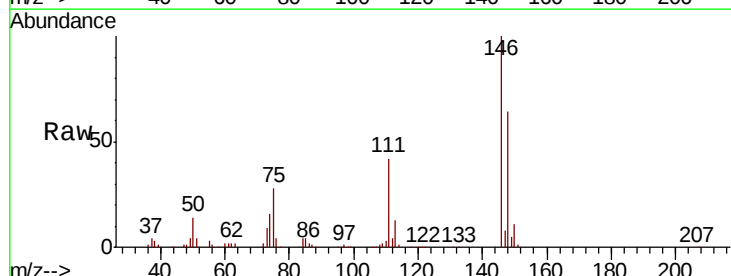
Instrument :
BNA_G
ClientSampleId :
PB126624BS

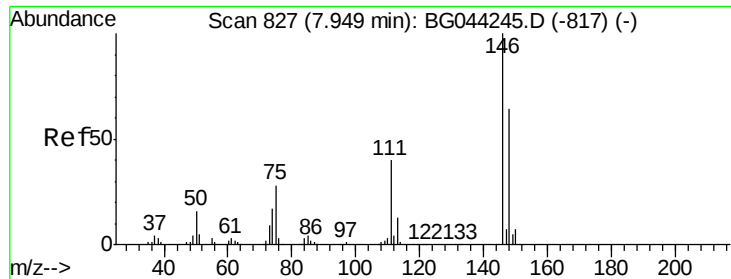
Tot Ion	93	Resp	243339
Ion	Ratio	Lower	Upper
93	100		
63	72.2	49.2	89.2
95	33.2	13.6	53.6



#12
1,3-Dichlorobenzene
Concen: 39.117 ng
RT: 7.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BG044321.D
Acq: 6 Feb 2020 13:57

Tgt Ion	146	Resp	270069
Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.8
75	27.8	23.7	35.5

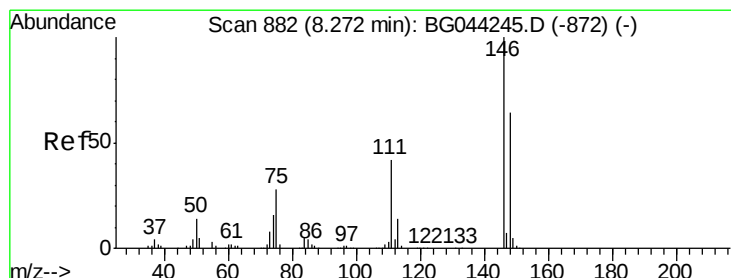
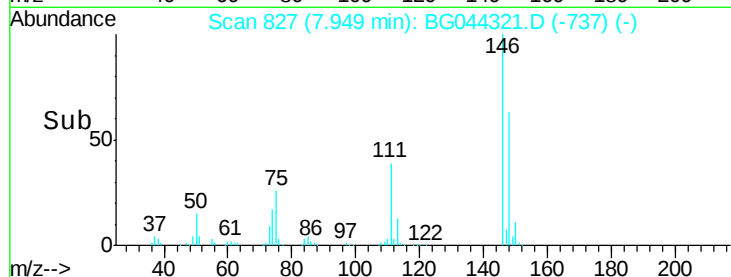
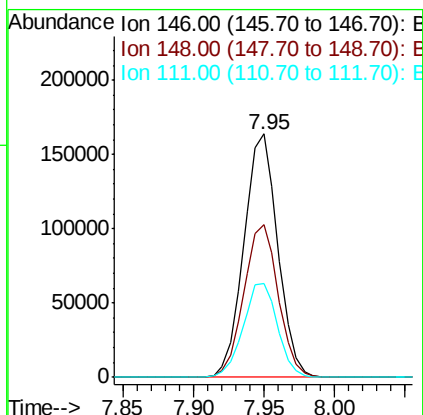
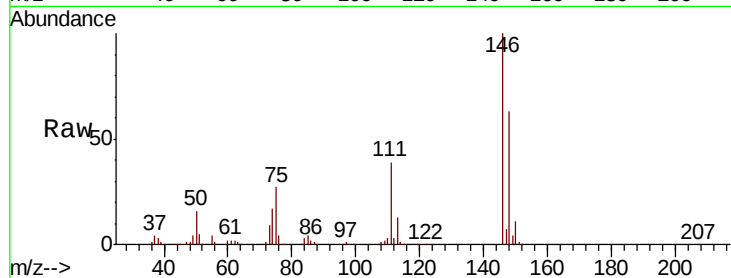




#13
 1,4-Dichlorobenzene
 Concen: 40.209 ng
 RT: 7.95 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BG044321.D
 Acq: 6 Feb 2020 13:57

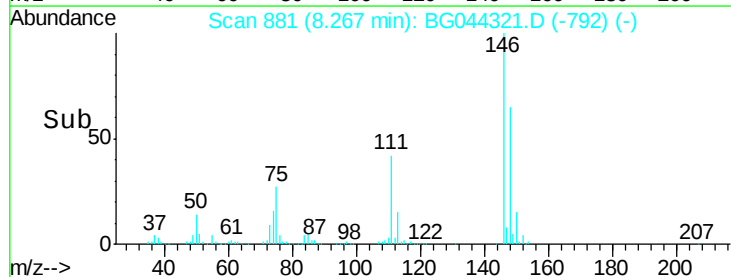
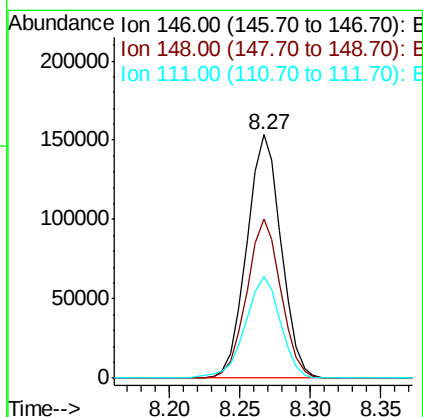
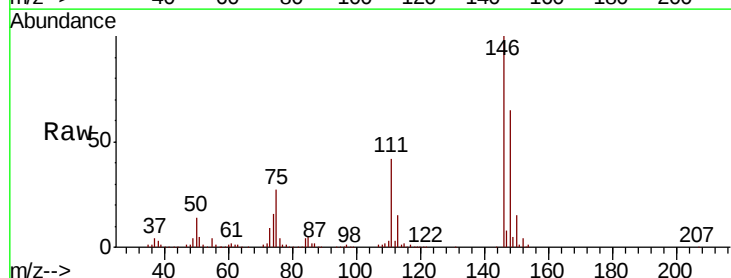
Instrument :
 BNA_G
 ClientSampleId :
 PB126624BS

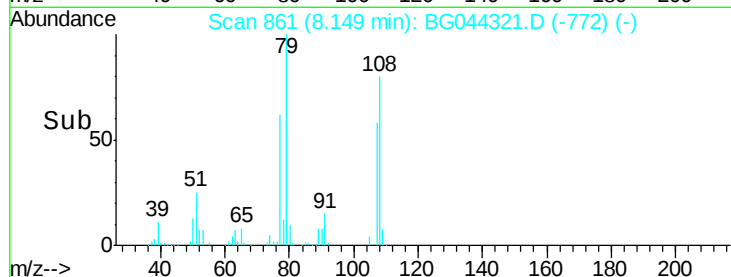
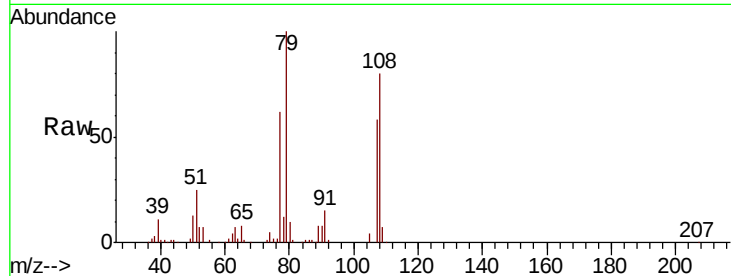
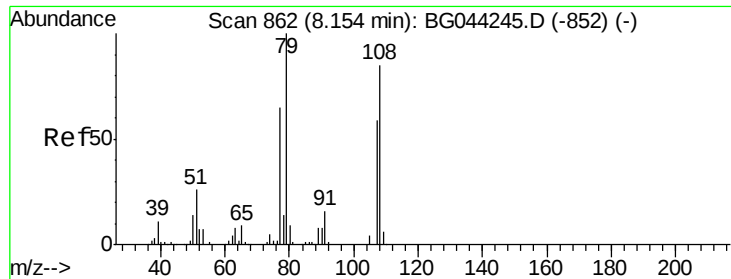
Tot Ion:146 Resp: 274950
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.4 77.0
 111 38.6 31.8 47.8



#14
 1,2-Dichlorobenzene
 Concen: 40.524 ng
 RT: 8.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BG044321.D
 Acq: 6 Feb 2020 13:57

Tgt Ion:146 Resp: 261918
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.2 76.8
 111 41.7 34.0 51.0

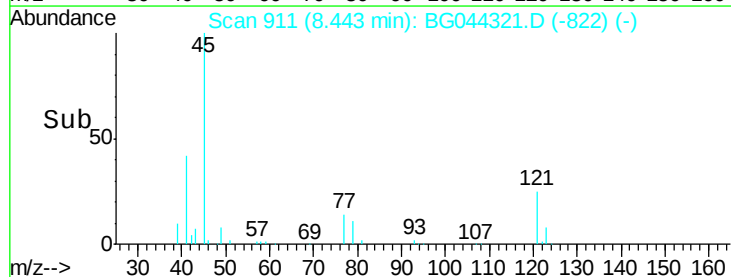
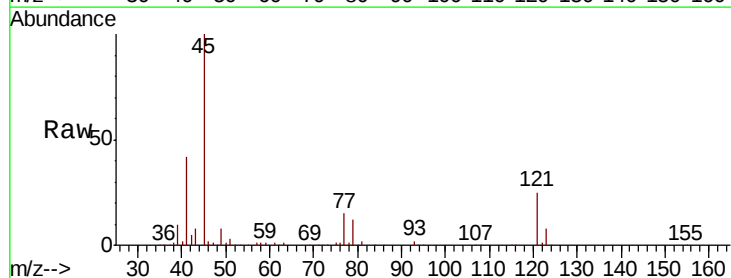
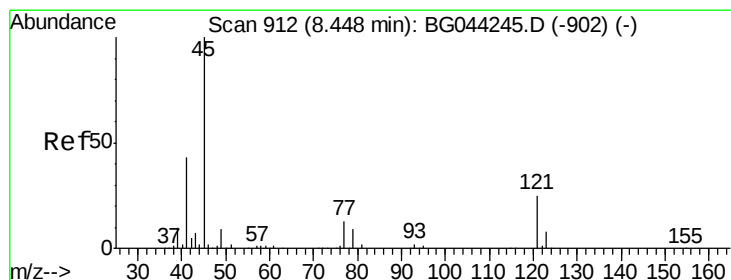
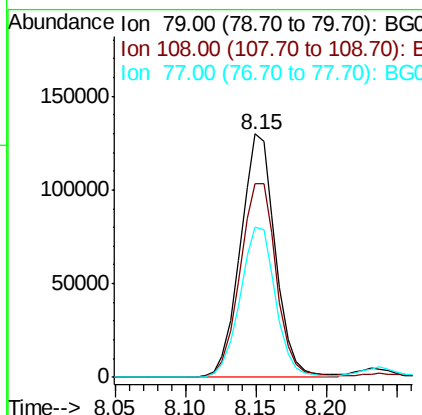




#15
Benzyl Alcohol
Concen: 44.992 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG044321.D
Acq: 6 Feb 2020 13:57

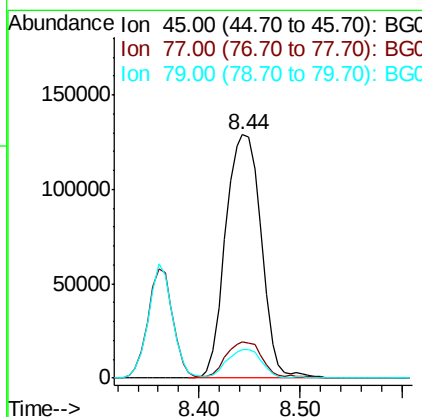
Instrument :
BNA_G
ClientSampleId :
PB126624BS

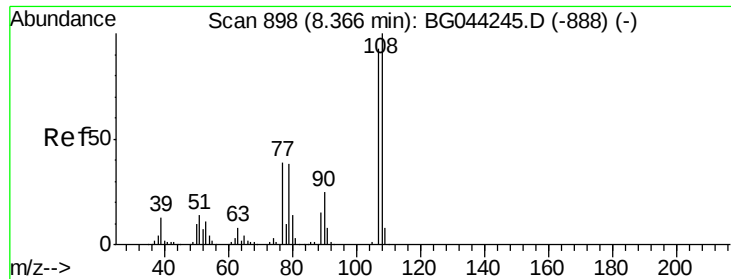
Tot Ion	Ratio	Lower	Upper
79	100		
108	79.7	68.3	102.5
77	61.9	51.8	77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.805 ng
RT: 8.44 min Scan# 911
Delta R.T. -0.01 min
Lab File: BG044321.D
Acq: 6 Feb 2020 13:57

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.2	0.0	35.2
79	11.6	0.0	31.1

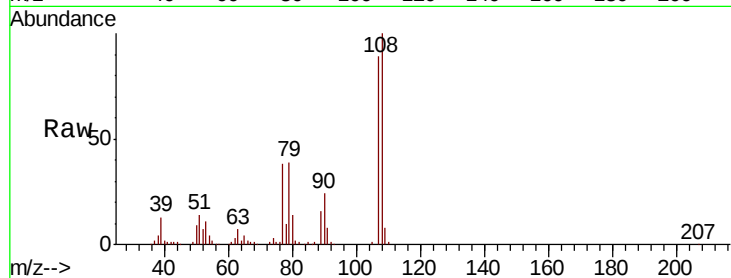




#17
2-Methylphenol
Concen: 47.018 ng
RT: 8.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BG044321.D
Acq: 6 Feb 2020 13:57

Instrument :
BNA_G
ClientSampleId :
PB126624BS

Tot Ion:	107	Resp:	234567
Ion	Ratio	Lower	Upper
107	100		
108	112.4	86.4	129.6
77	42.3	34.0	51.0
79	44.3	32.9	49.3



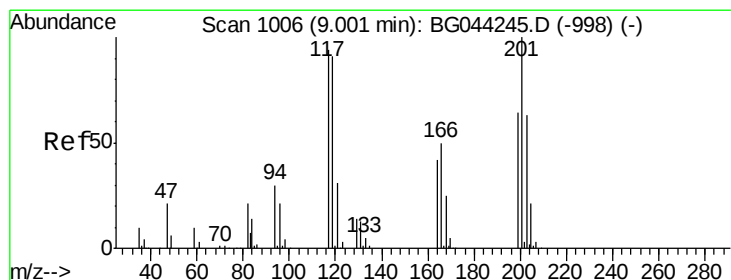
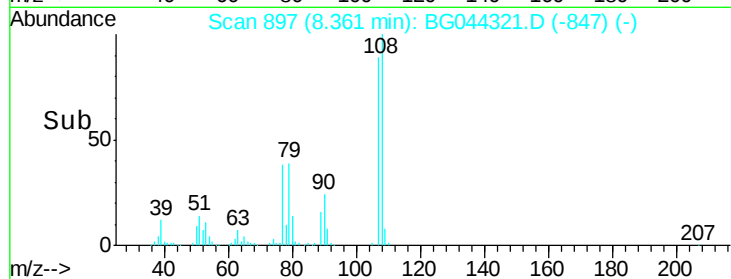
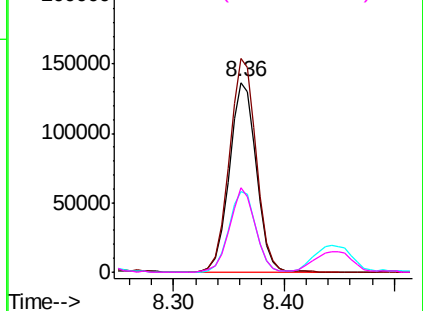
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

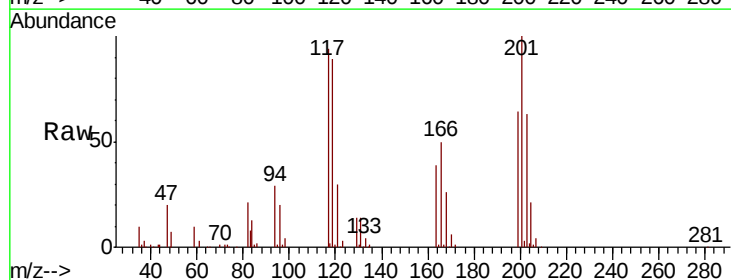
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 39.210 ng
RT: 9.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BG044321.D
Acq: 6 Feb 2020 13:57

Tgt Ion:	117	Resp:	100612
Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.5	116.3
201	106.7	84.9	127.3

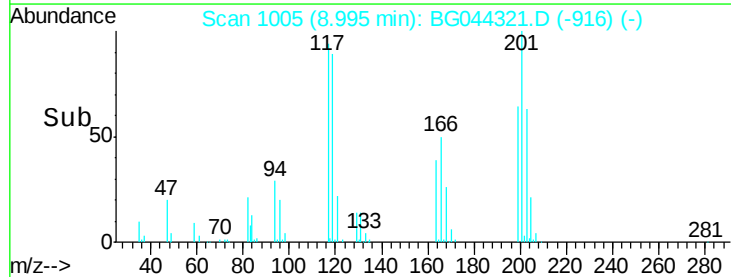
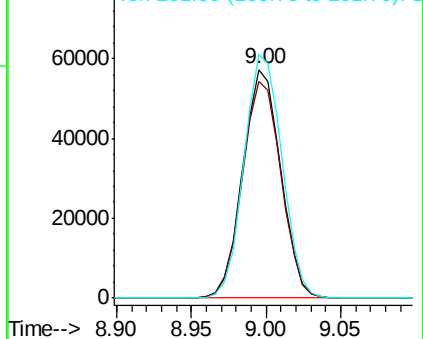


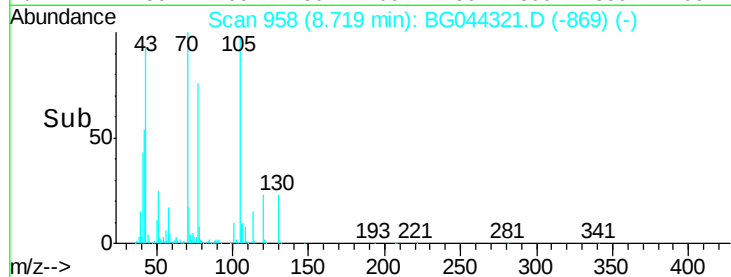
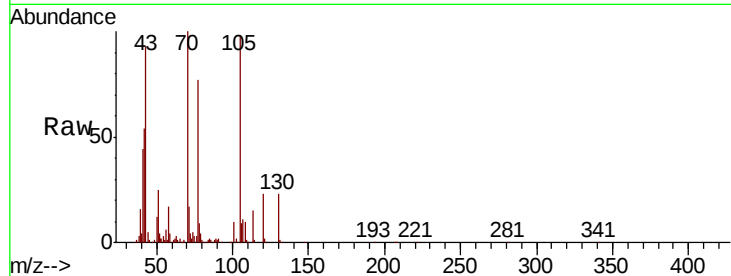
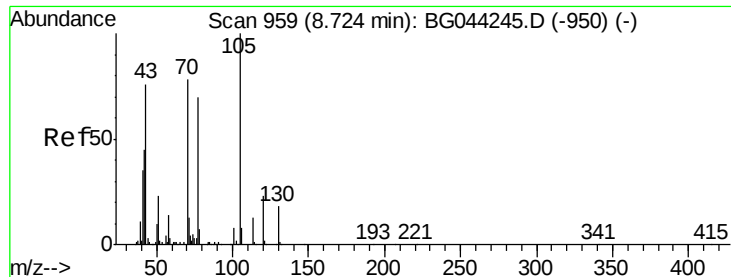
Abundance

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

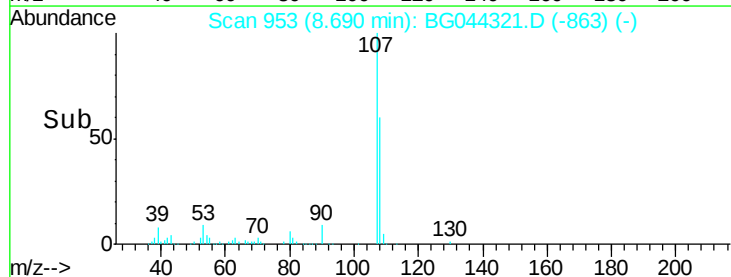
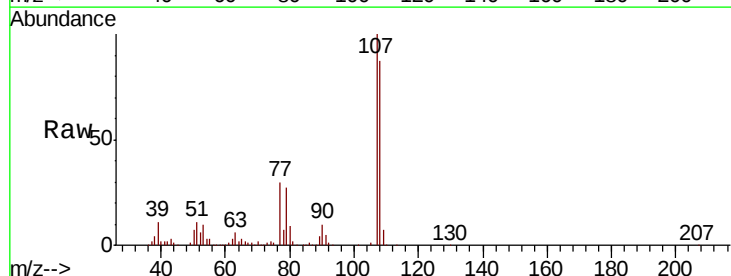
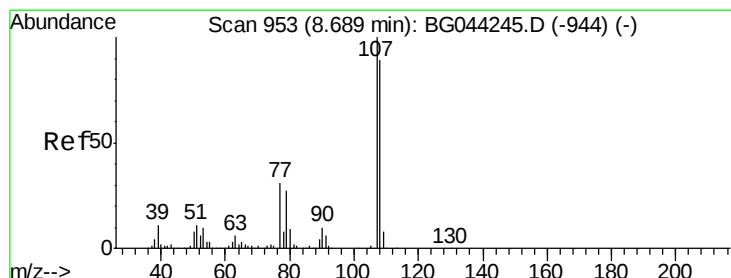
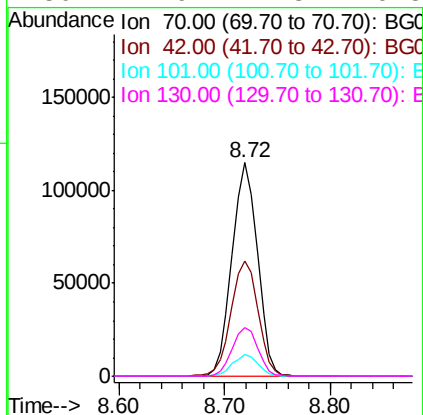




#19
n-Nitroso-di-n-propylamine
Concen: 40.795 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG044321.D
Acq: 6 Feb 2020 13:57

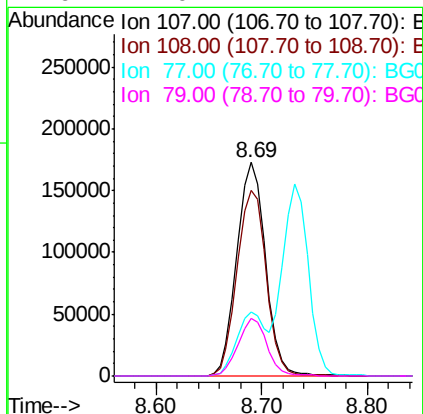
Instrument :
BNA_G
ClientSampleId :
PB126624BS

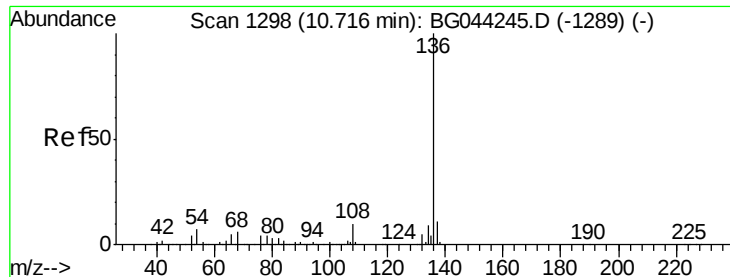
Tot Ion:	70	Resp:	192091
Ion	Ratio	Lower	Upper
70	100		
42	53.9	46.2	69.2
101	10.4	8.4	12.6
130	22.9	17.8	26.8



#20
3+4-Methylphenols
Concen: 47.417 ng
RT: 8.69 min Scan# 953
Delta R.T. 0.00 min
Lab File: BG044321.D
Acq: 6 Feb 2020 13:57

Tgt Ion:	107	Resp:	326010
Ion	Ratio	Lower	Upper
107	100		
108	86.9	68.5	108.5
77	30.1	10.9	50.9
79	27.0	7.1	47.1

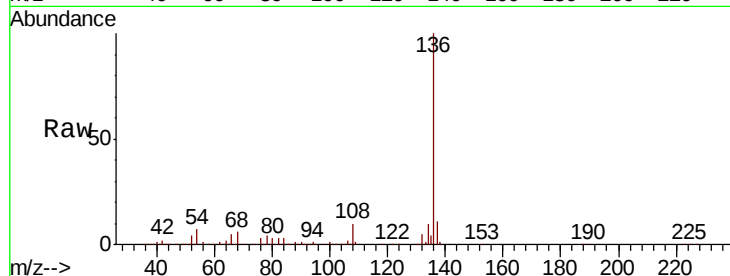




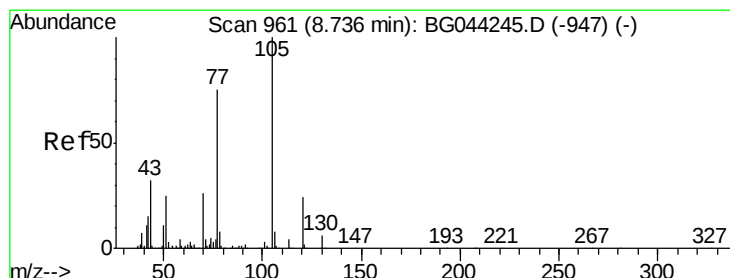
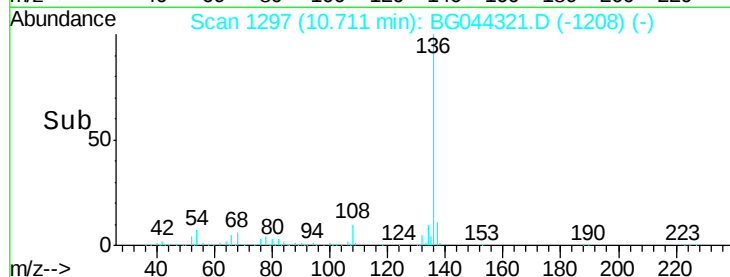
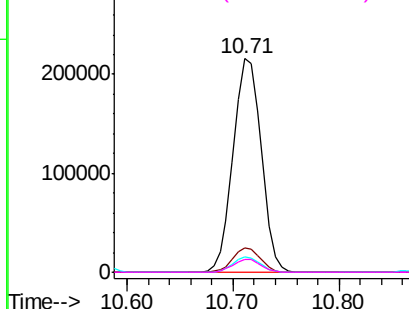
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BG044321.D
Acq: 6 Feb 2020 13:57

Instrument :
BNA_G
ClientSampleId :
PB126624BS

Tot Ion:136	Resp:	395935	
Ion Ratio	Lower	Upper	
136 100			
137 11.3	8.8	13.2	
54 7.1	5.8	8.8	
68 5.7	4.6	6.8	

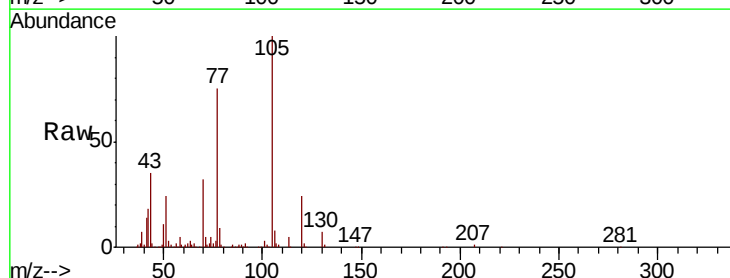


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

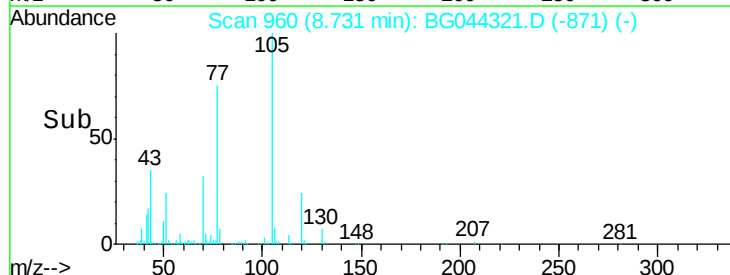
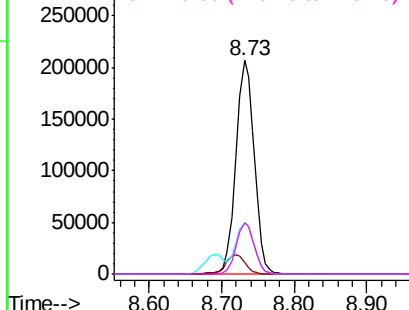


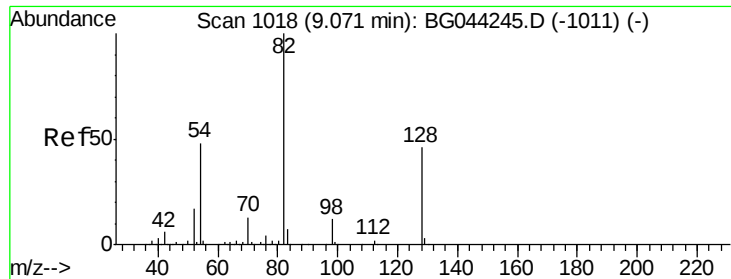
#22
Acetophenone
Concen: 37.901 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG044321.D
Acq: 6 Feb 2020 13:57

Tgt	Ion:105	Resp:	365055
Ion	Ratio	Lower	Upper
105	100		
71	5.2	3.4	5.0#
51	24.3	20.2	30.4
120	23.9	19.1	28.7



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

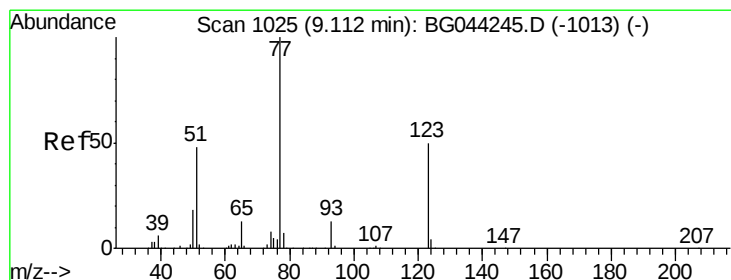
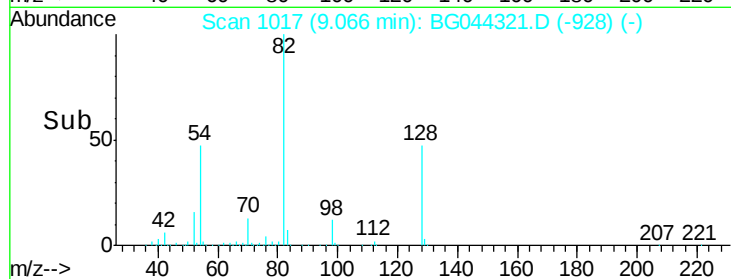
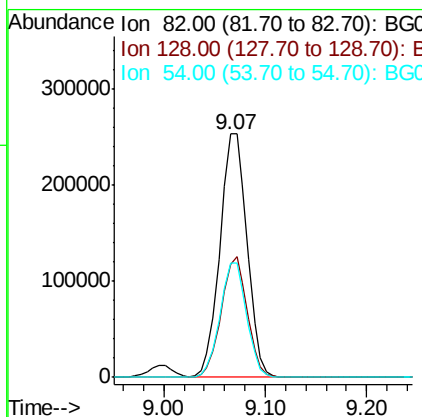
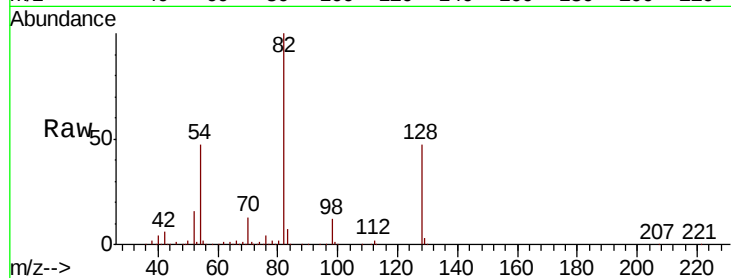




#23
 Nitrobenzene-d5
 Concen: 67.233 ng
 RT: 9.07 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BG044321.D
 Acq: 6 Feb 2020 13:57

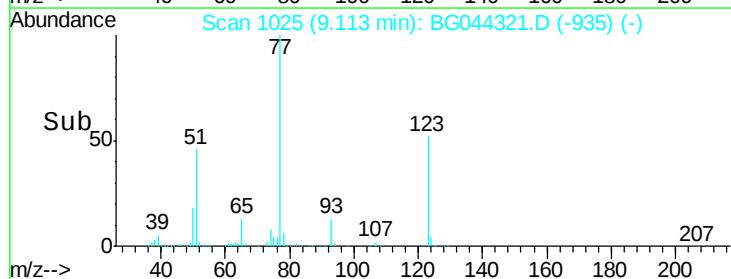
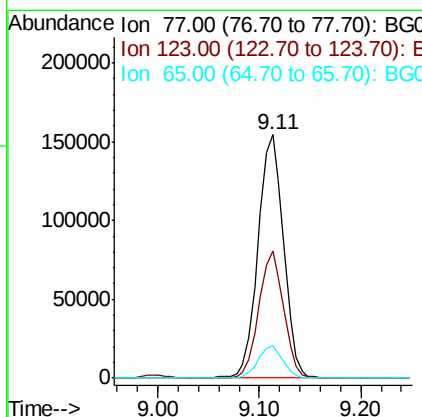
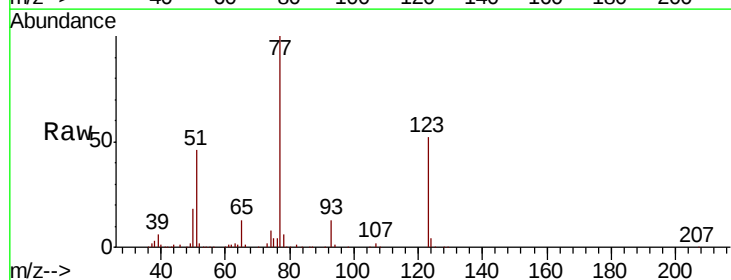
Instrument :
 BNA_G
 ClientSampleId :
 PB126624BS

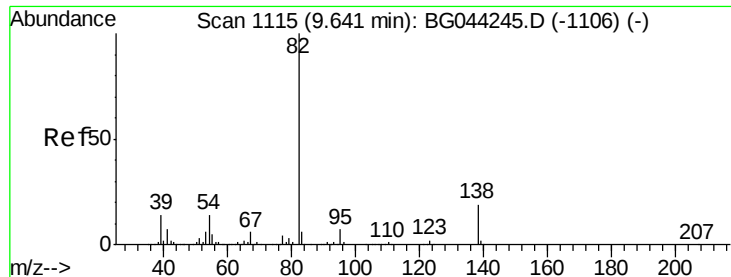
Tot Ion	82	Resp	471511
Ion Ratio	Lower	Upper	
82	100		
128	46.6	36.5	54.7
54	47.0	38.6	58.0



#24
 Nitrobenzene
 Concen: 39.453 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BG044321.D
 Acq: 6 Feb 2020 13:57

Tgt Ion	77	Resp	270121
Ion Ratio	Lower	Upper	
77	100		
123	52.3	39.9	59.9
65	13.1	10.4	15.6

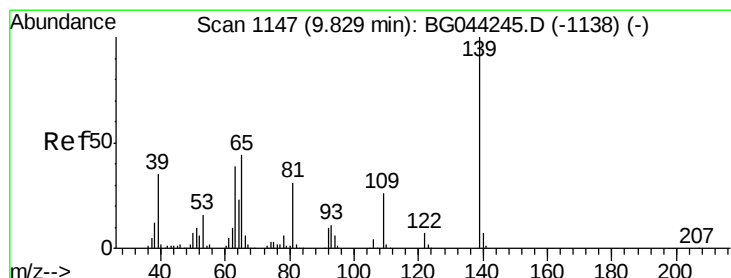
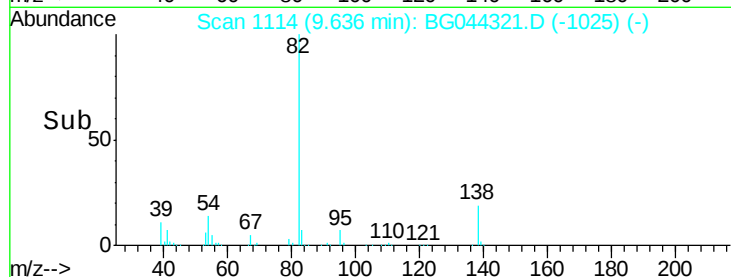
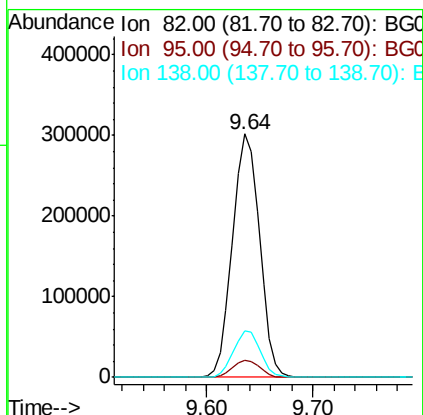
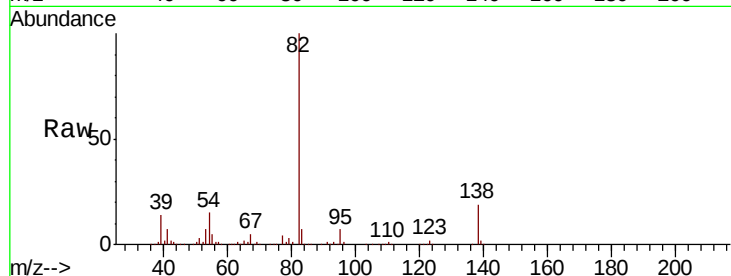




#25
Isophorone
Concen: 41.017 ng
RT: 9.64 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BG044321.D
Acq: 6 Feb 2020 13:57

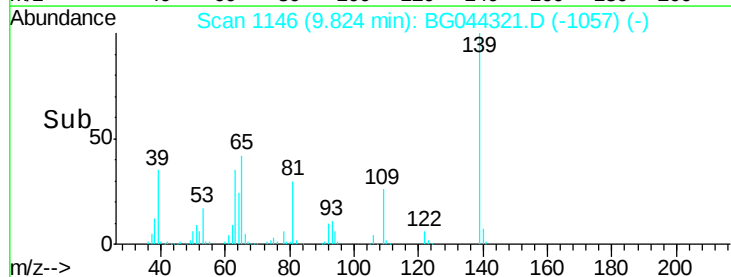
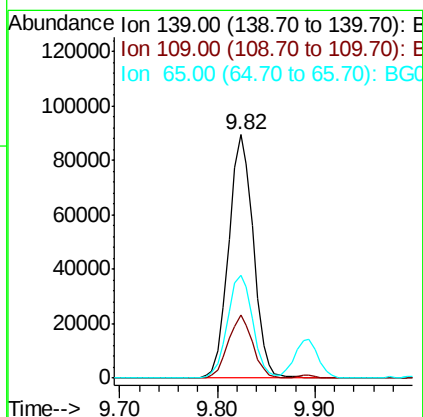
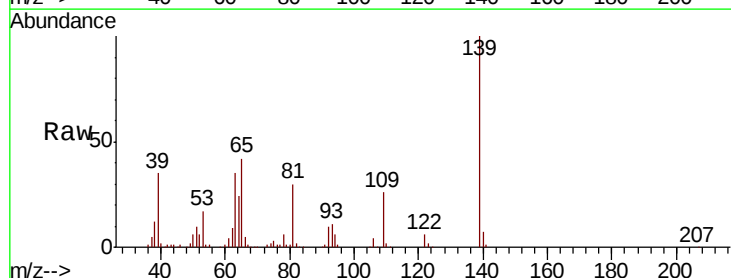
Instrument :
BNA_G
ClientSampleId :
PB126624BS

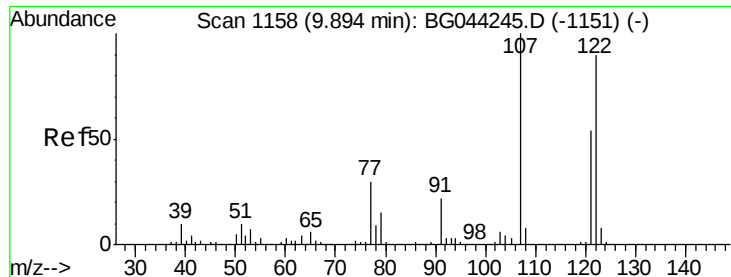
Tot Ion: 82 Resp: 536153
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 19.1 15.0 22.4



#26
2-Nitrophenol
Concen: 44.048 ng
RT: 9.82 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BG044321.D
Acq: 6 Feb 2020 13:57

Tgt Ion: 139 Resp: 156483
Ion Ratio Lower Upper
139 100
109 25.8 21.0 31.4
65 42.4 35.0 52.4

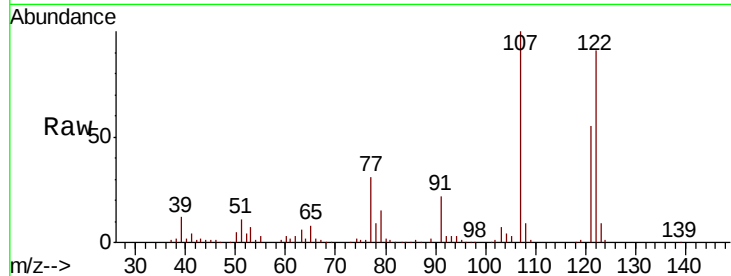




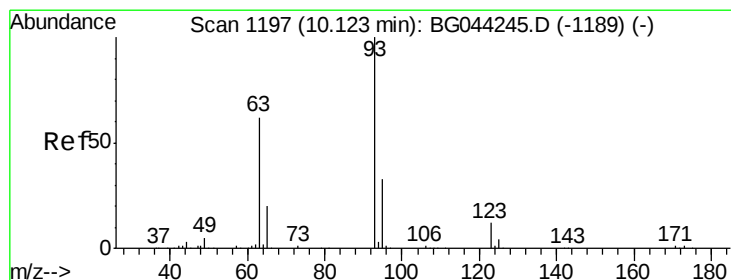
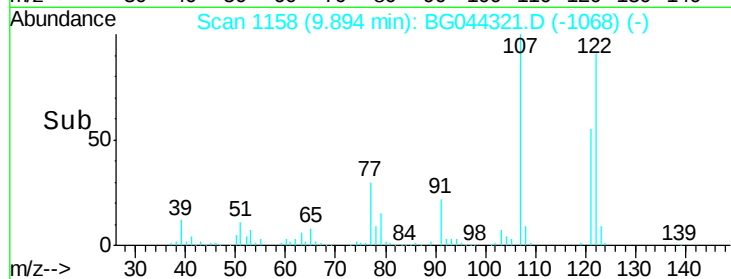
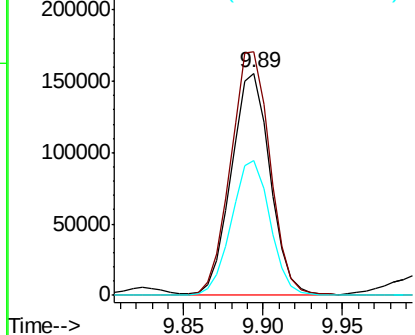
#27
2,4-Dimethylphenol
Concen: 52.476 ng
RT: 9.89 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BG044321.D
Acq: 6 Feb 2020 13:57

Instrument :
BNA_G
ClientSampleId :
PB126624BS

Tot Ion:122 Resp: 263161
Ion Ratio Lower Upper
122 100
107 109.5 88.8 133.2
121 60.4 48.3 72.5

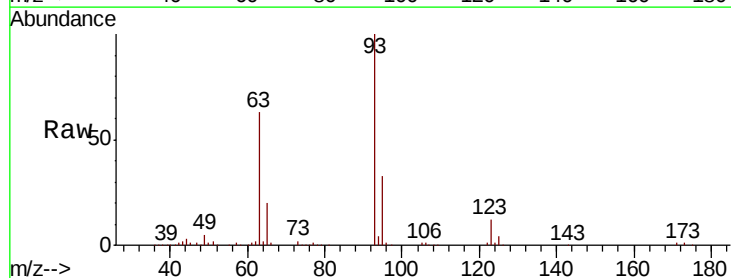


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

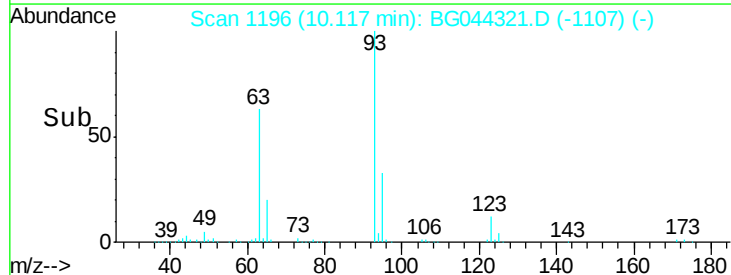
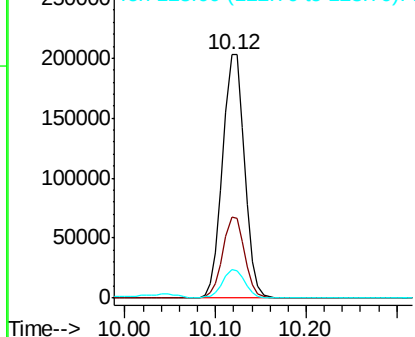


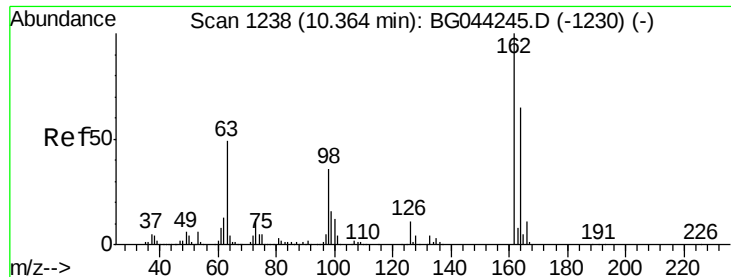
#28
bis(2-Chloroethoxy)methane
Concen: 39.357 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BG044321.D
Acq: 6 Feb 2020 13:57

Tgt Ion: 93 Resp: 343189
Ion Ratio Lower Upper
93 100
95 33.3 26.6 40.0
123 11.6 10.0 15.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

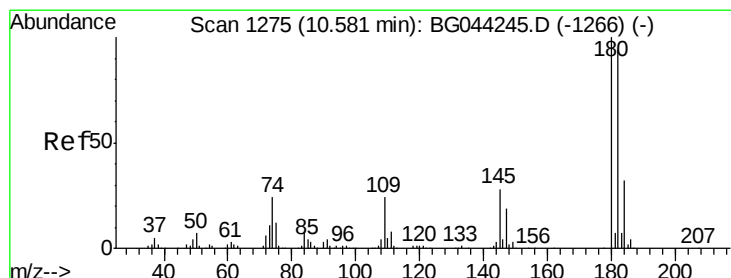
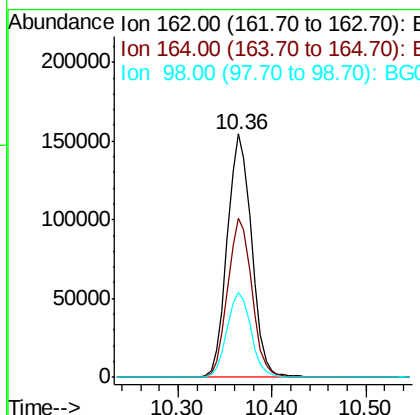
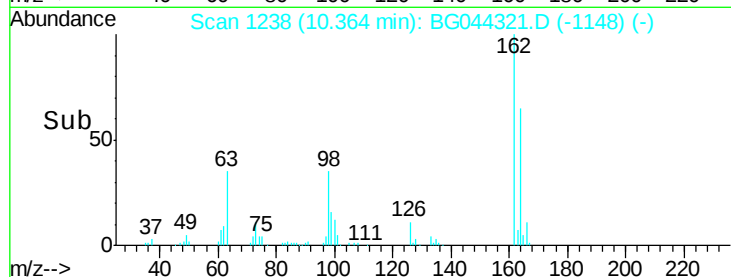
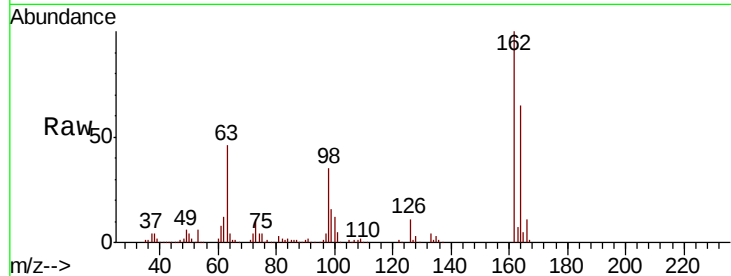




#29
 2,4-Dichlorophenol
 Concen: 45.942 ng
 RT: 10.36 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BG044321.D
 Acq: 6 Feb 2020 13:57

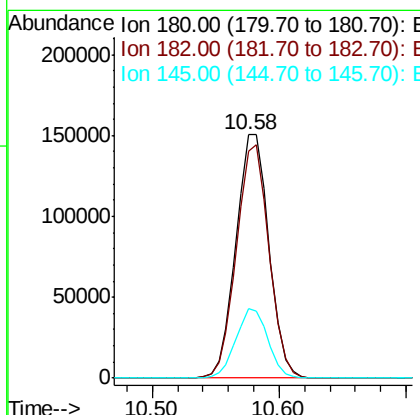
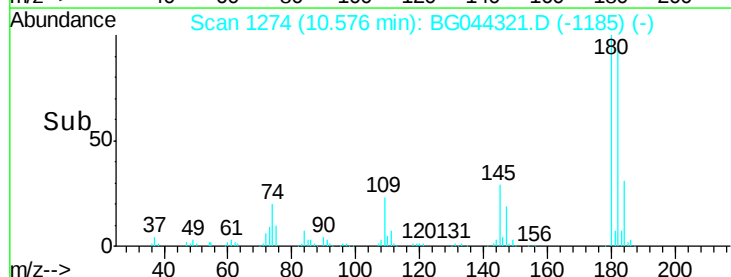
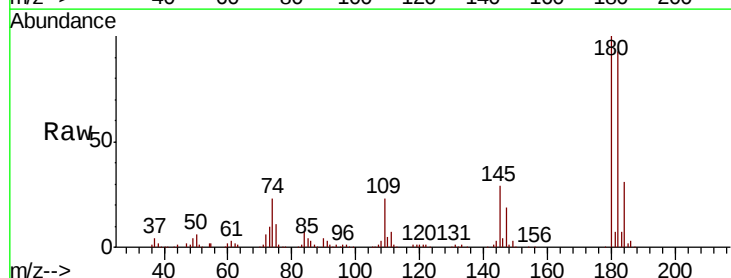
Instrument :
 BNA_G
 ClientSampleId :
 PB126624BS

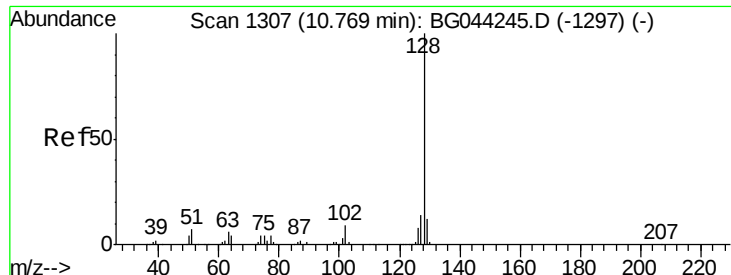
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	44.7	84.7
98	34.7	15.8	55.8



#30
 1,2,4-Trichlorobenzene
 Concen: 38.996 ng
 RT: 10.58 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BG044321.D
 Acq: 6 Feb 2020 13:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	75.5	113.3
145	28.5	22.6	34.0

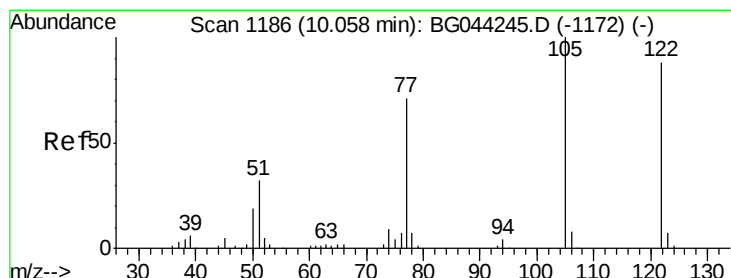
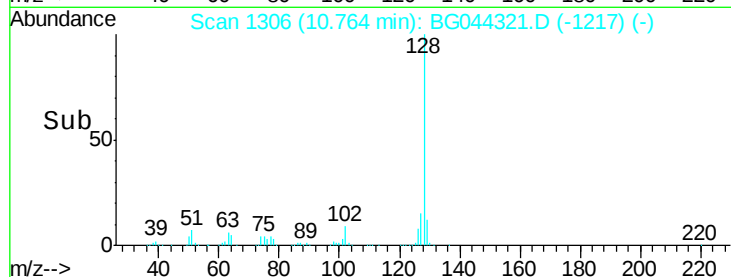
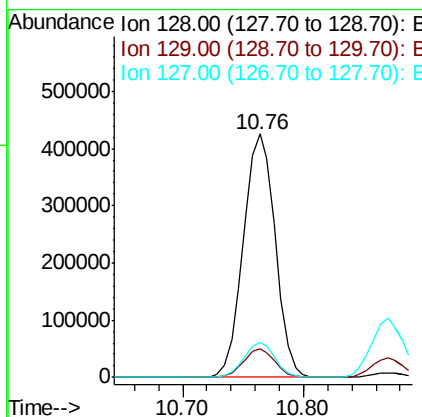
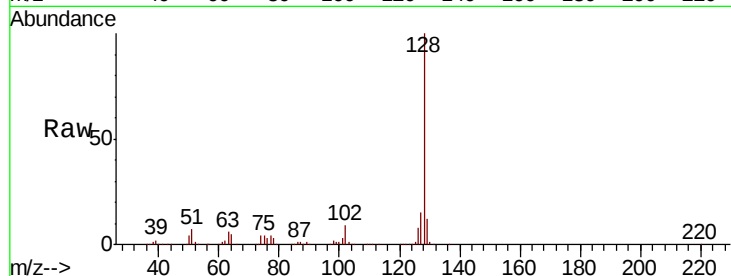




#31
Naphthalene
Concen: 40.717 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG044321.D
Acq: 6 Feb 2020 13:57

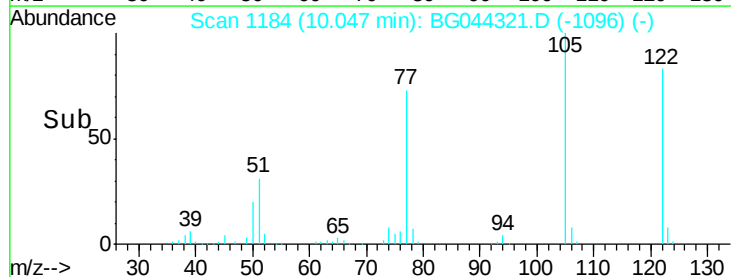
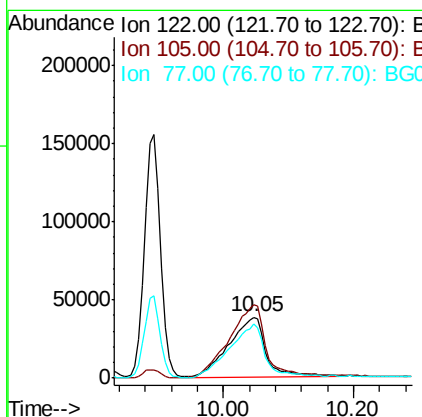
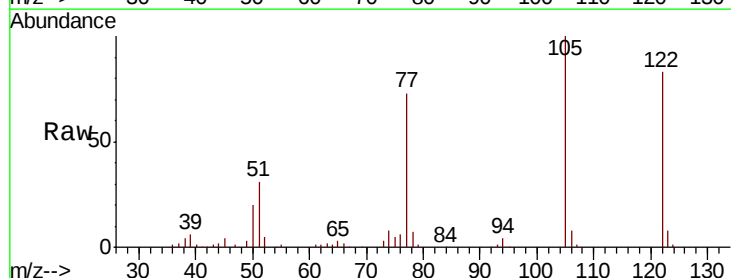
Instrument :
BNA_G
ClientSampled :
PB126624BS

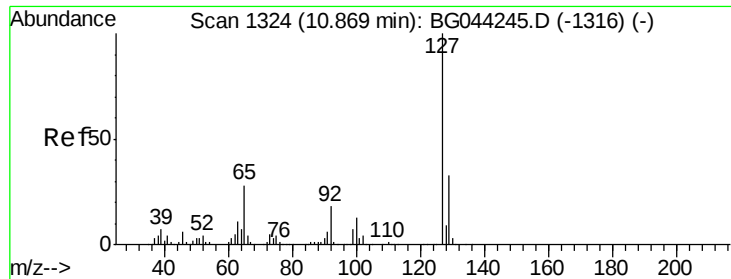
Tot Ion:128 Resp: 782164
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 14.5 11.6 17.4



#32
Benzoic acid
Concen: 46.591 ng
RT: 10.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BG044321.D
Acq: 6 Feb 2020 13:57

Tgt Ion:122 Resp: 151949
Ion Ratio Lower Upper
122 100
105 120.7 93.5 133.5
77 88.6 61.0 101.0

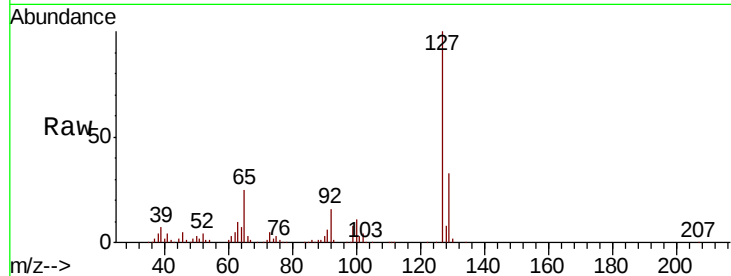




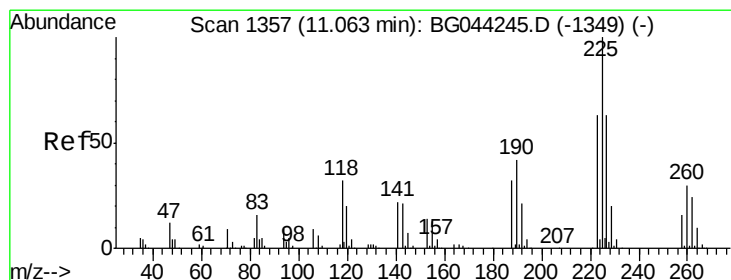
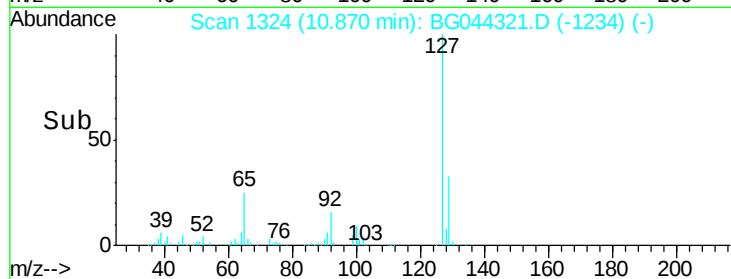
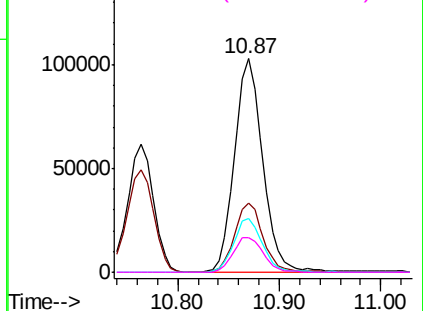
#33
4-Chloroaniline
Concen: 22.684 ng
RT: 10.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG044321.D
Acq: 6 Feb 2020 13:57

Instrument :
BNA_G
ClientSampleId :
PB126624BS

Tot Ion:127	Resp:	198177
Ion Ratio	Lower	Upper
127	100	
129	32.6	26.6 40.0
65	25.1	22.5 33.7
92	16.4	14.1 21.1

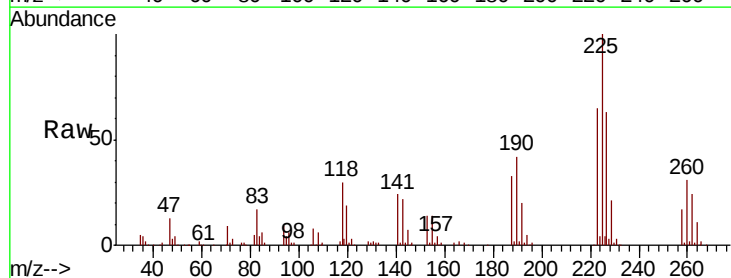


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

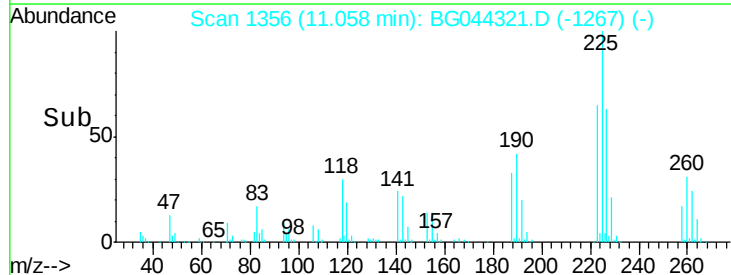
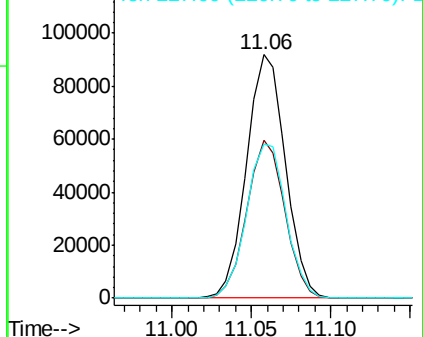


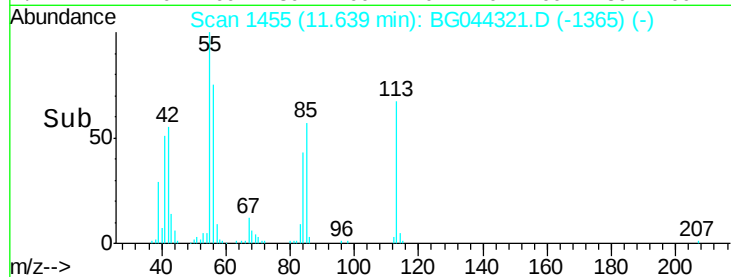
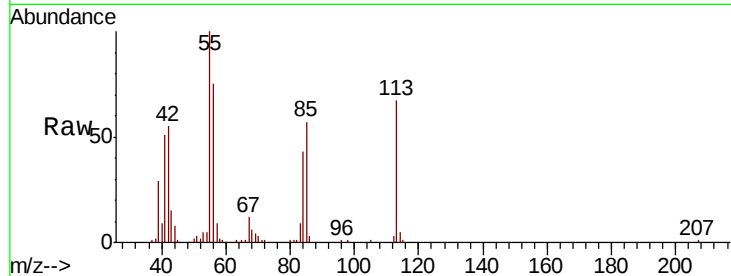
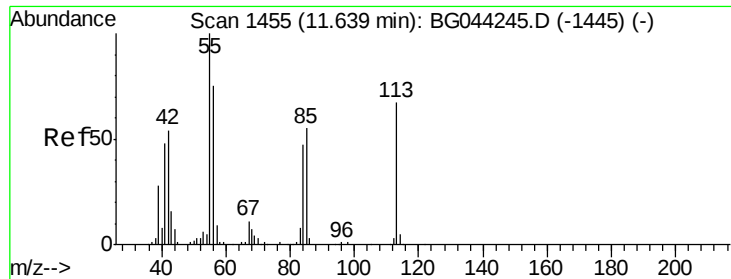
#34
Hexachlorobutadiene
Concen: 36.572 ng
RT: 11.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BG044321.D
Acq: 6 Feb 2020 13:57

Tgt Ion:225	Resp:	156470
Ion Ratio	Lower	Upper
225	100	
223	64.8	50.2 75.4
227	63.3	50.8 76.2



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: 24.933 ng

RT: 11.64 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BG044321.D

Acq: 6 Feb 2020 13:57

Instrument :

BNA_G

ClientSampleId :

PB126624BS

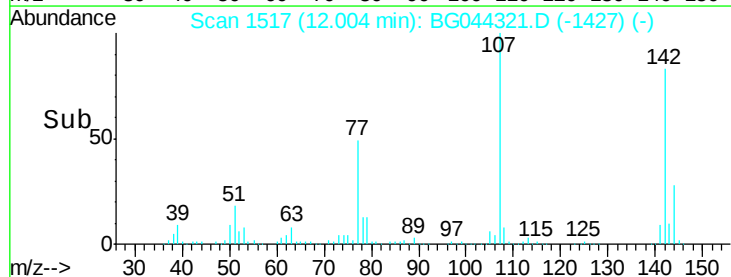
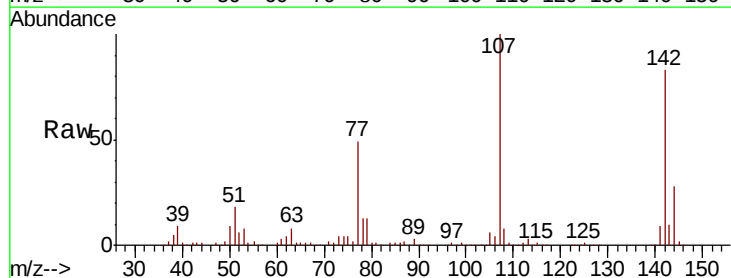
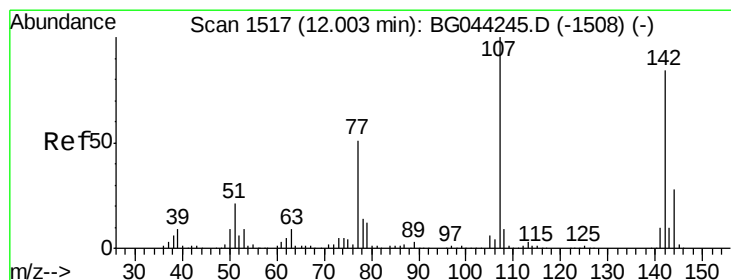
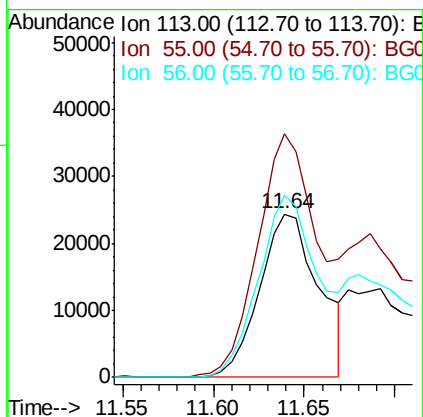
Tot Ion:113 Resp: 55384

Ion Ratio Lower Upper

113 100

55 149.2 129.9 169.9

56 111.8 92.5 132.5



#36

4-Chloro-3-methylphenol

Concen: 45.930 ng

RT: 12.00 min Scan# 1517

Delta R.T. 0.00 min

Lab File: BG044321.D

Acq: 6 Feb 2020 13:57

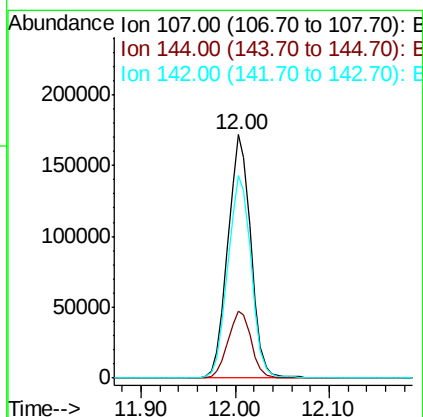
Tgt Ion:107 Resp: 292007

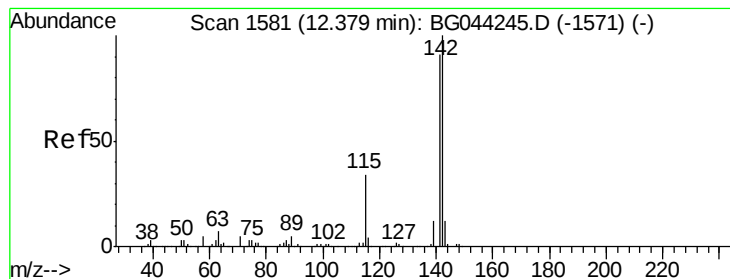
Ion Ratio Lower Upper

107 100

144 27.5 22.2 33.4

142 83.4 67.4 101.0





#37

2-Methylnaphthalene

Concen: 41.955 ng

RT: 12.37 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BG044321.D

Acq: 6 Feb 2020 13:57

Instrument :

BNA_G

ClientSampleId :

PB126624BS

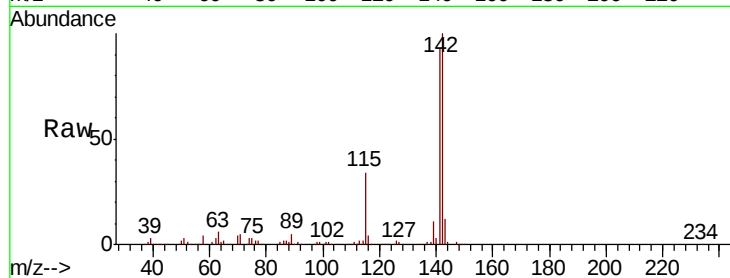
Tot Ion:142 Resp: 598388

Ion Ratio Lower Upper

142 100

141 92.6 73.2 109.8

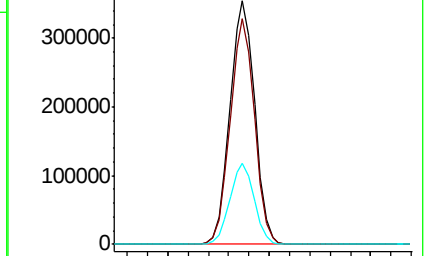
115 33.5 27.1 40.7



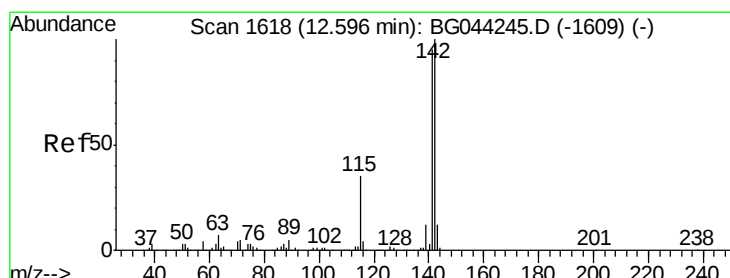
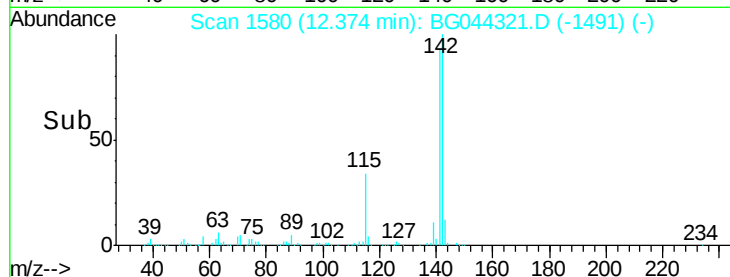
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#38

1-Methylnaphthalene

Concen: 42.242 ng

RT: 12.59 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BG044321.D

Acq: 6 Feb 2020 13:57

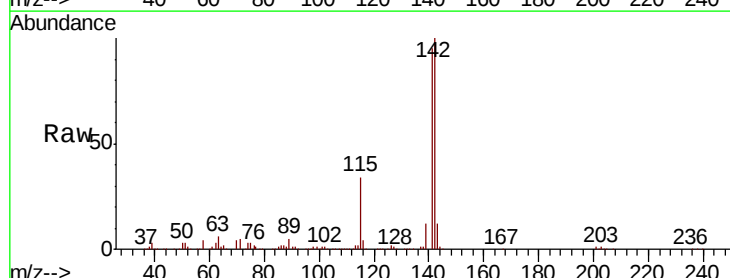
Tgt Ion:142 Resp: 568019

Ion Ratio Lower Upper

142 100

141 95.1 75.8 113.6

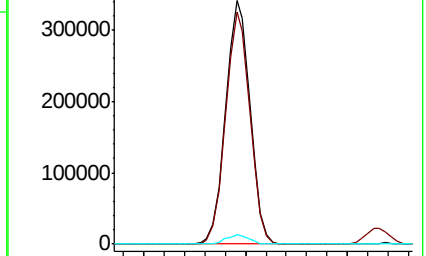
116 3.7 3.1 4.7



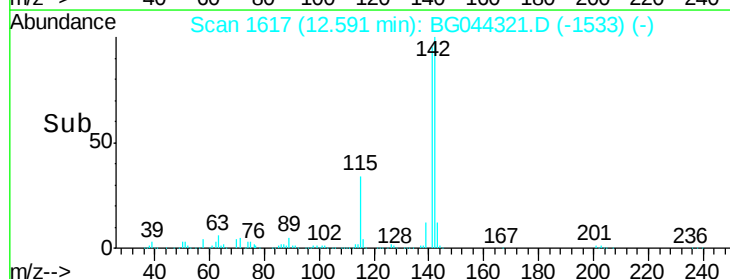
Abundance Ion 142.00 (141.70 to 142.70): E

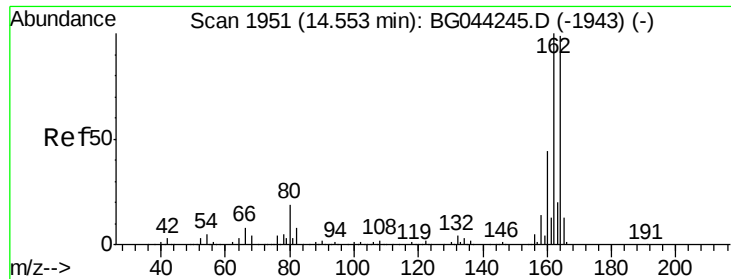
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.55 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG044321.D

Acq: 6 Feb 2020 13:57

Instrument :

BNA_G

ClientSampleId :

PB126624BS

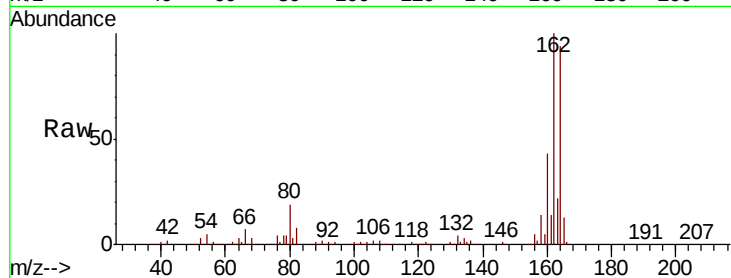
Tot Ion:164 Resp: 267910

Ion Ratio Lower Upper

164 100

162 105.8 80.7 121.1

160 45.2 35.3 52.9

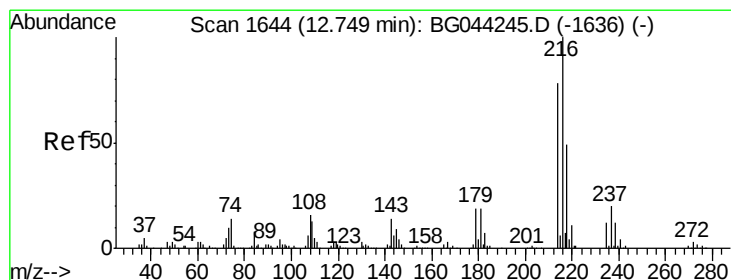
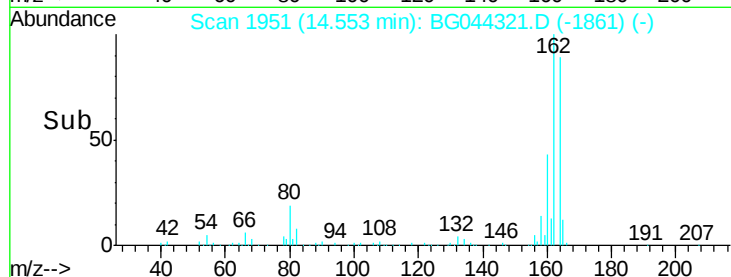
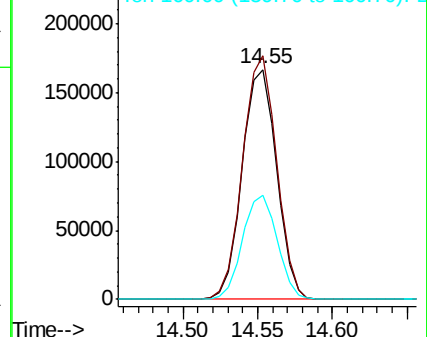


Abundance

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: 36.882 ng

RT: 12.74 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BG044321.D

Acq: 6 Feb 2020 13:57

Tgt Ion:216 Resp: 295577

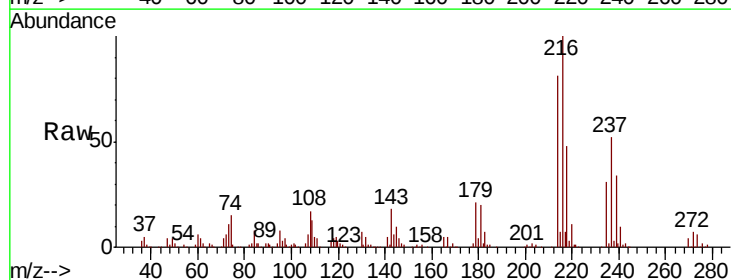
Ion Ratio Lower Upper

216 100

214 79.2 63.0 94.6

179 21.1 16.2 24.4

108 18.4 13.5 20.3



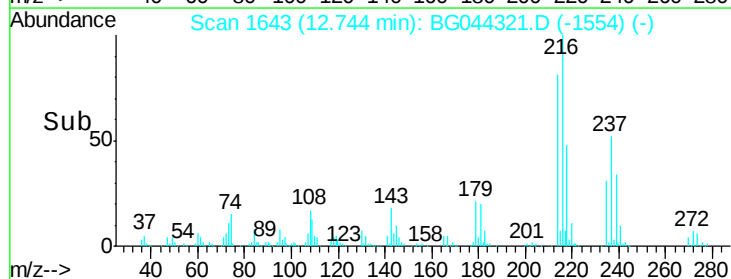
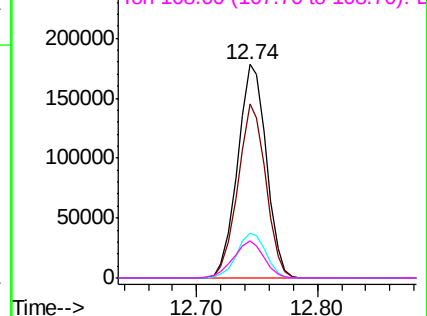
Abundance

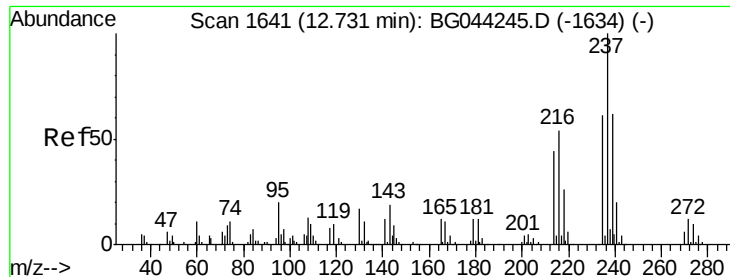
Ion 216.00 (215.70 to 216.70): E

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: 80.603 ng

RT: 12.73 min Scan# 1641

Delta R.T. 0.00 min

Lab File: BG044321.D

Acq: 6 Feb 2020 13:57

Instrument :

BNA_G

ClientSampleId :

PB126624BS

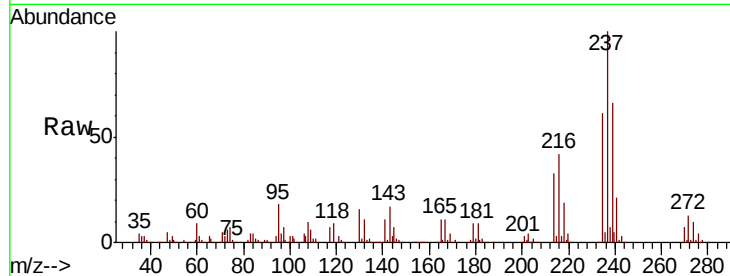
Tot Ion:237 Resp: 309948

Ion Ratio Lower Upper

237 100

235 61.0 41.2 81.2

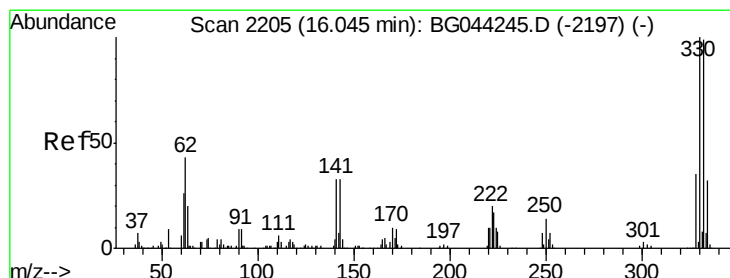
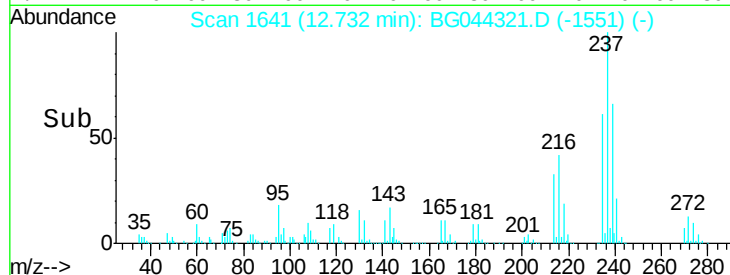
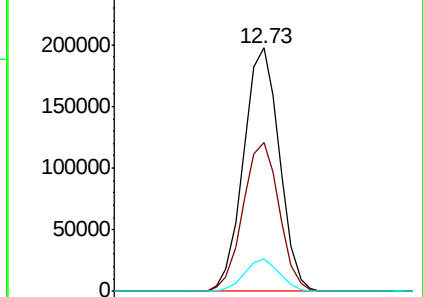
272 13.1 0.0 32.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 118.799 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG044321.D

Acq: 6 Feb 2020 13:57

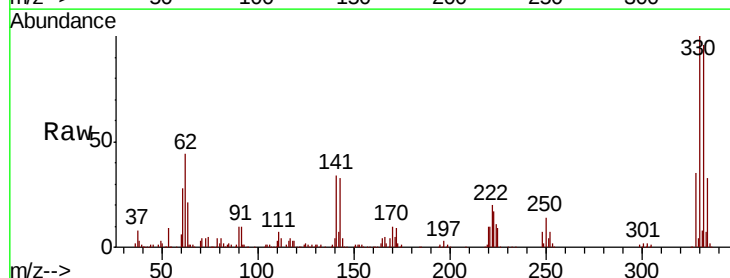
Tgt Ion:330 Resp: 373636

Ion Ratio Lower Upper

330 100

332 96.1 77.2 115.8

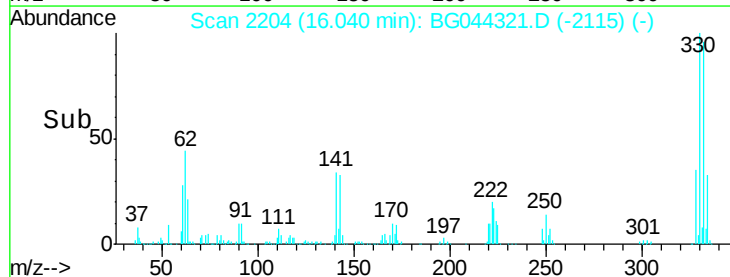
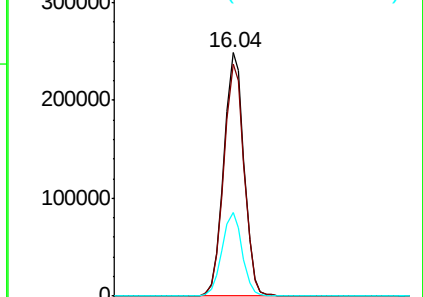
141 34.2 28.3 42.5

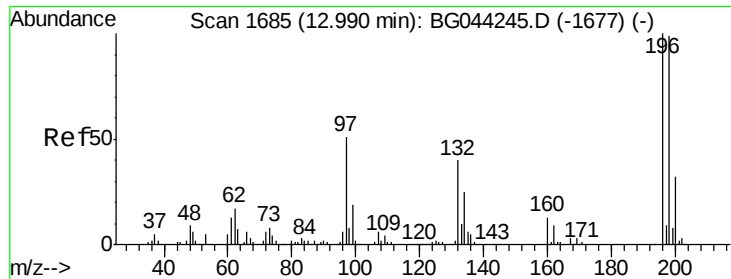


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

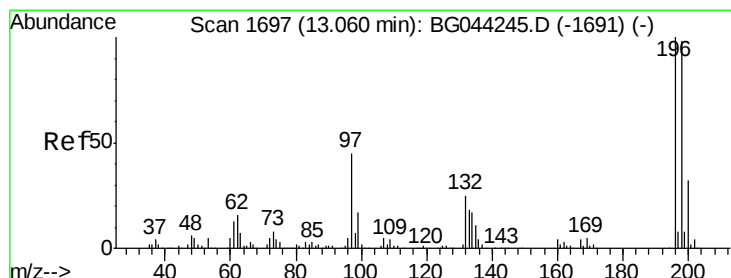
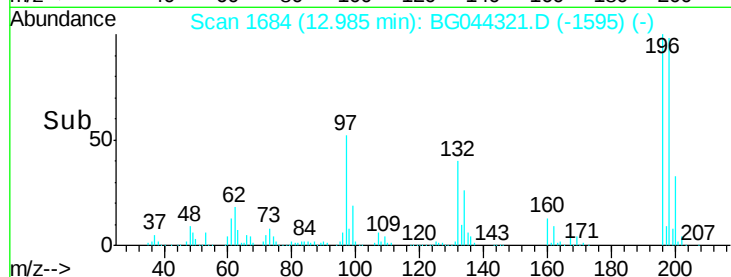
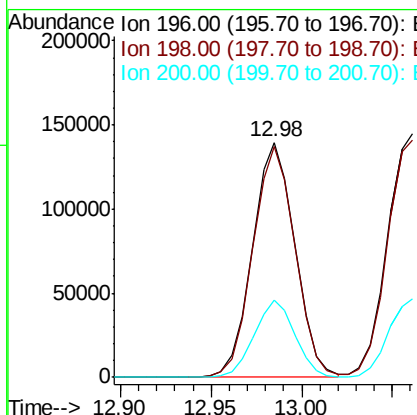
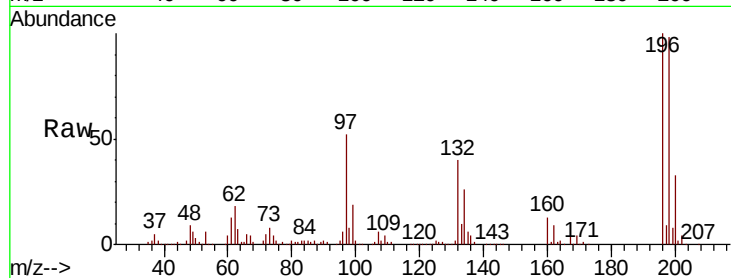




#43
 2,4,6-Trichlorophenol
 Concen: 43.665 ng
 RT: 12.98 min Scan# 1684
 Delta R.T. -0.01 min
 Lab File: BG044321.D
 Acq: 6 Feb 2020 13:57

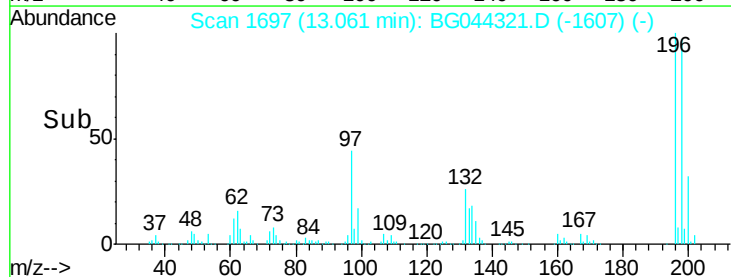
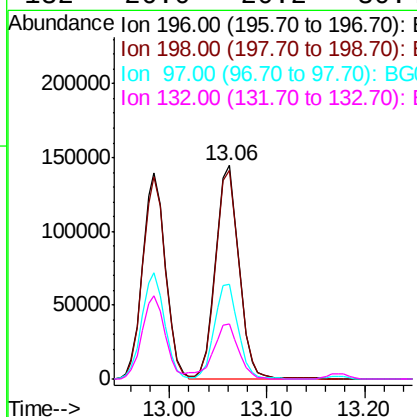
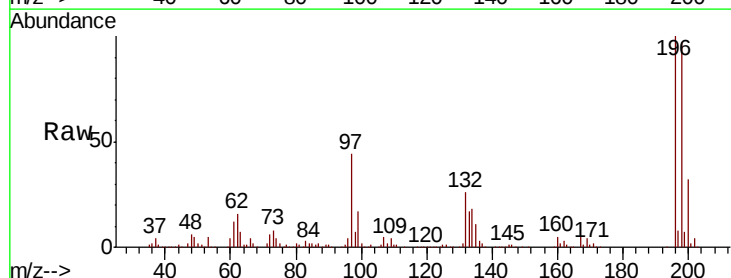
Instrument :
 BNA_G
 ClientSampleId :
 PB126624BS

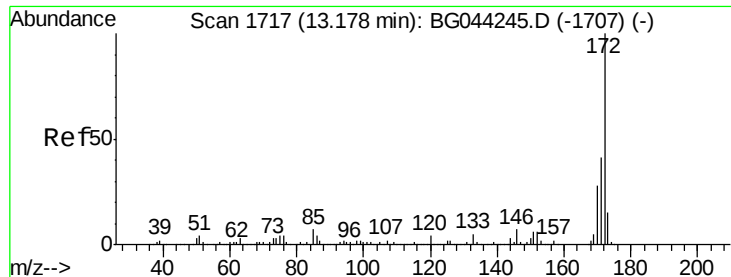
Tot Ion:196 Resp: 226188
 Ion Ratio Lower Upper
 196 100
 198 98.1 79.3 118.9
 200 32.8 25.7 38.5



#44
 2,4,5-Trichlorophenol
 Concen: 45.574 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. 0.00 min
 Lab File: BG044321.D
 Acq: 6 Feb 2020 13:57

Tgt Ion:196 Resp: 241127
 Ion Ratio Lower Upper
 196 100
 198 97.5 78.2 117.2
 97 44.4 36.2 54.4
 132 26.0 20.2 30.4

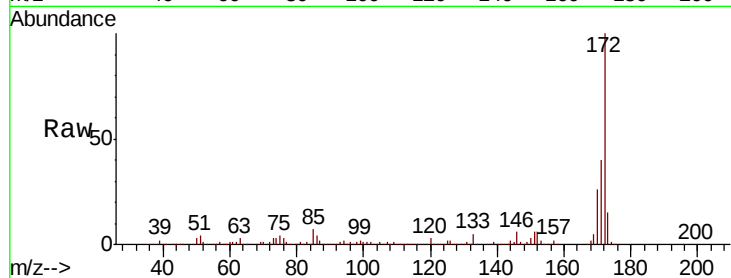




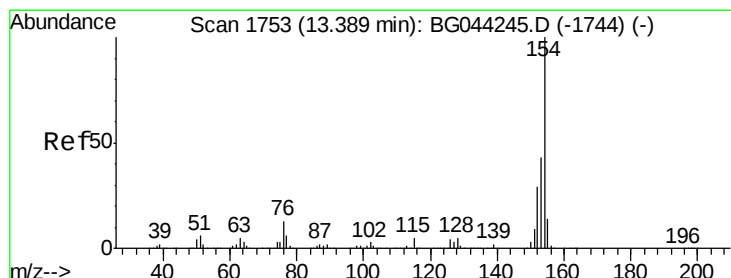
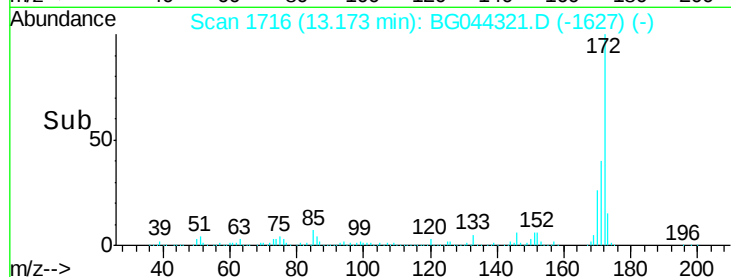
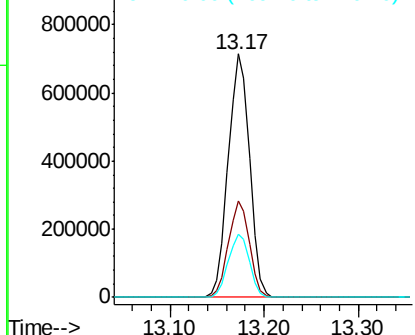
#45
2-Fluorobiphenyl
Concen: 70.234 ng
RT: 13.17 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BG044321.D
Acq: 6 Feb 2020 13:57

Instrument :
BNA_G
ClientSampleId :
PB126624BS

Tot Ion:172 Resp: 1123668
Ion Ratio Lower Upper
172 100
171 39.7 32.9 49.3
170 26.2 22.0 33.0

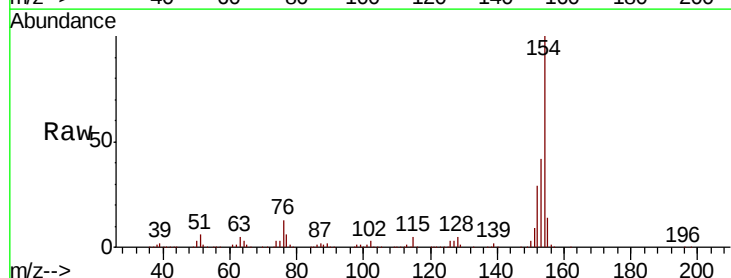


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

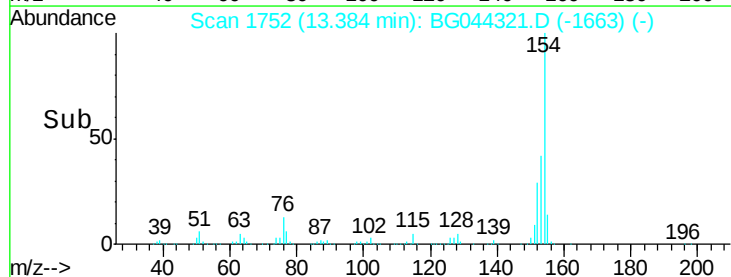
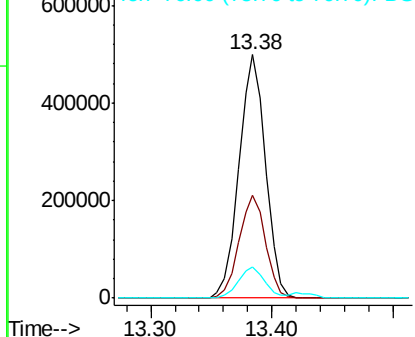


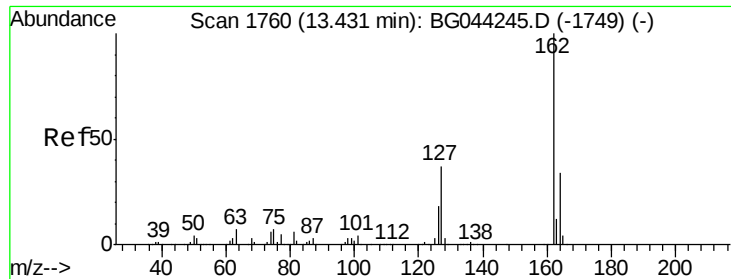
#46
1,1'-Biphenyl
Concen: 39.528 ng
RT: 13.38 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BG044321.D
Acq: 6 Feb 2020 13:57

Tgt Ion:154 Resp: 763869
Ion Ratio Lower Upper
154 100
153 42.0 22.7 62.7
76 12.8 0.0 32.9



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

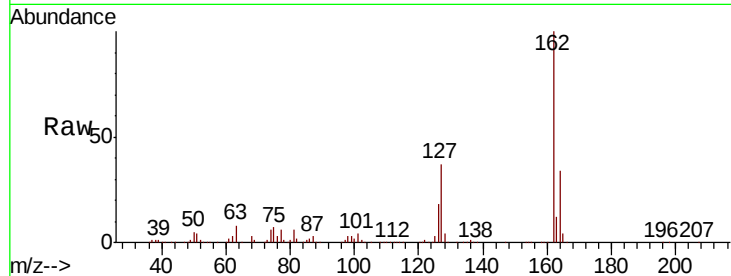




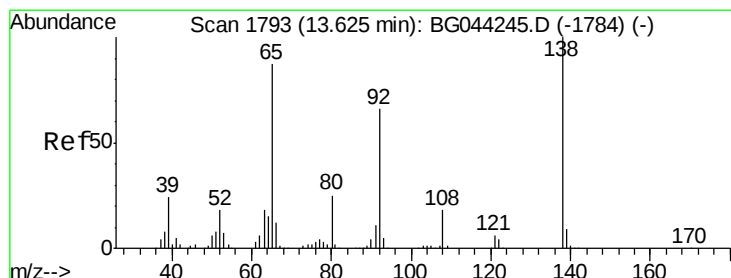
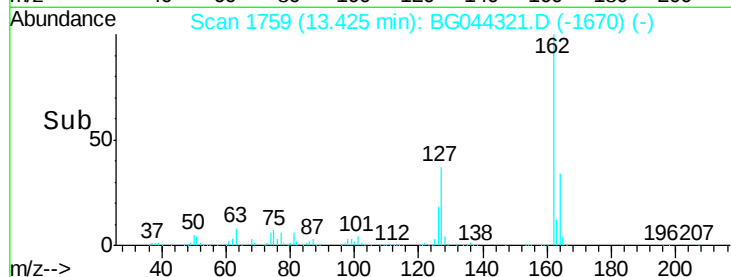
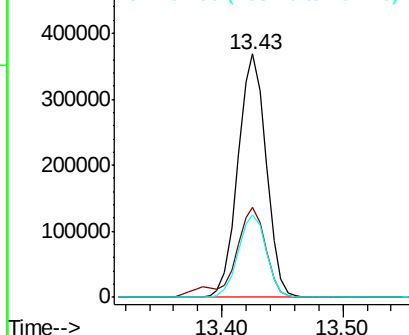
#47
2-Chloronaphthalene
Concen: 39.067 ng
RT: 13.43 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG044321.D
Acq: 6 Feb 2020 13:57

Instrument :
BNA_G
ClientSampleId :
PB126624BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.7	30.0	45.0
164	33.9	27.2	40.8

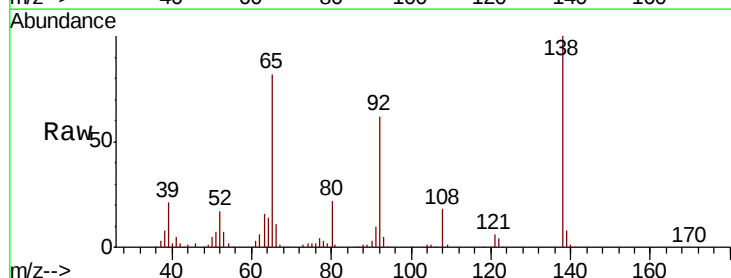


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

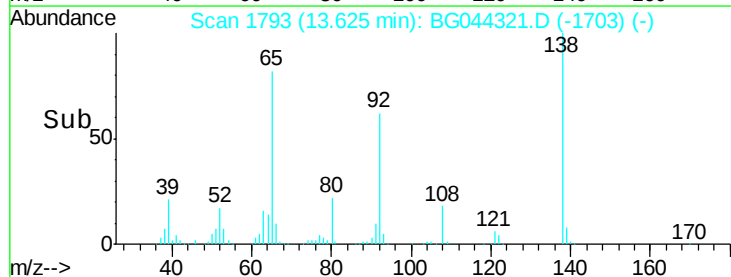
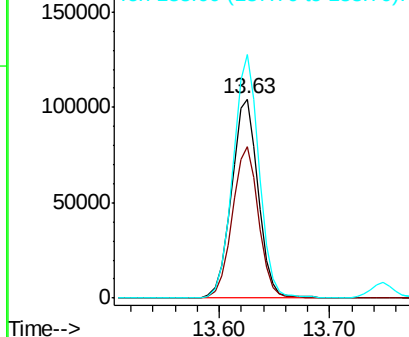


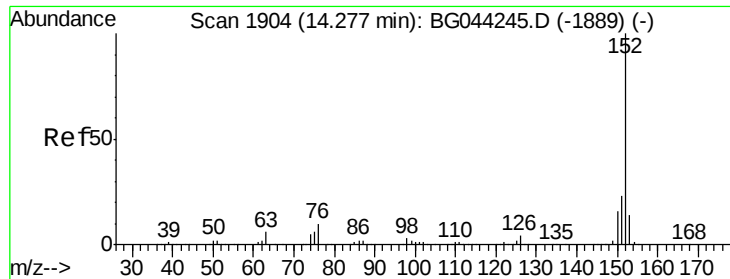
#48
2-Nitroaniline
Concen: 38.889 ng
RT: 13.63 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BG044321.D
Acq: 6 Feb 2020 13:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.3	60.3	90.5
138	122.2	91.9	137.9



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: 41.870 ng

RT: 14.27 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BG044321.D

Acq: 6 Feb 2020 13:57

Instrument :

BNA_G

ClientSampleId :

PB126624BS

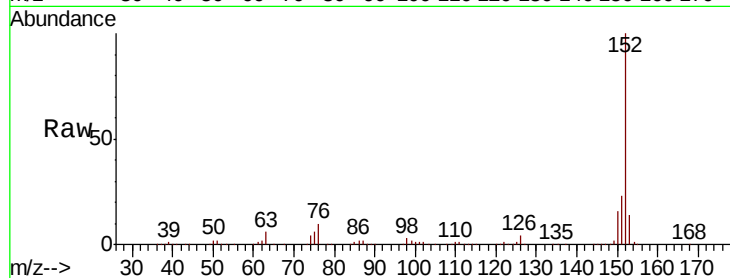
Tot Ion:152 Resp: 944371

Ion Ratio Lower Upper

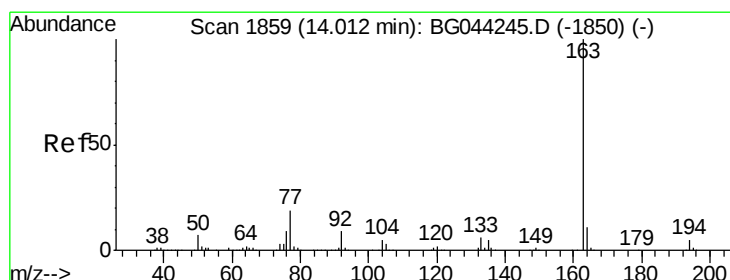
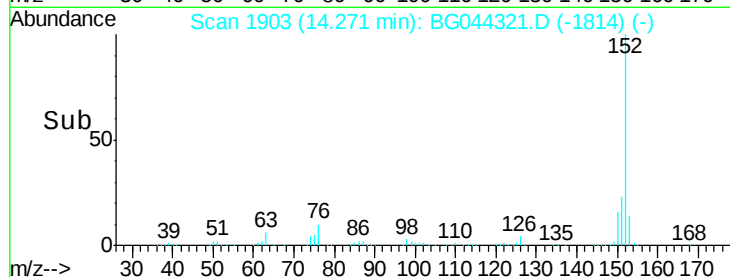
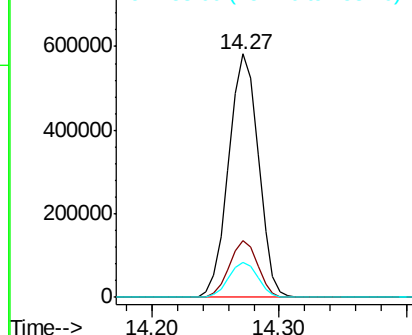
152 100

151 23.1 18.1 27.1

153 14.4 11.5 17.3



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: 40.250 ng

RT: 14.01 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG044321.D

Acq: 6 Feb 2020 13:57

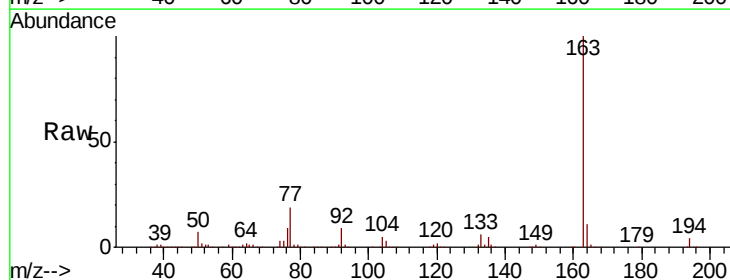
Tgt Ion:163 Resp: 775149

Ion Ratio Lower Upper

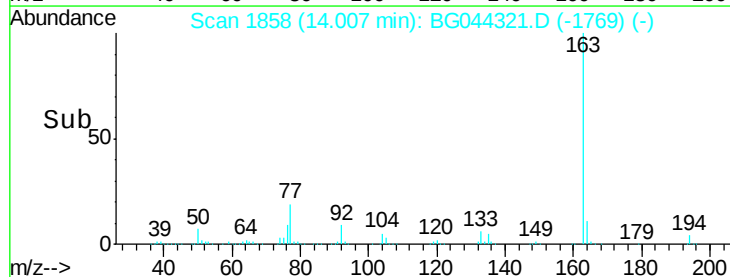
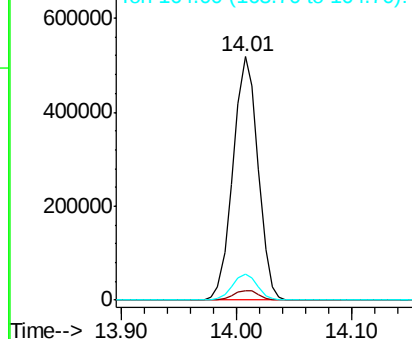
163 100

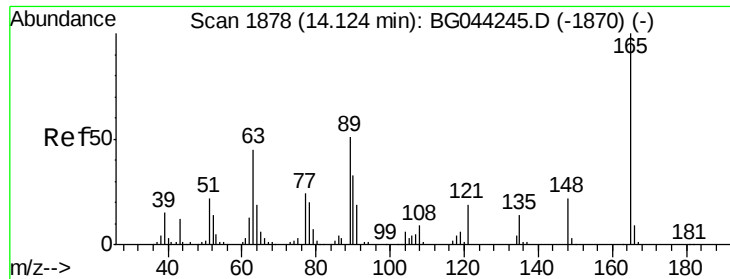
194 4.1 3.6 5.4

164 10.5 8.7 13.1



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

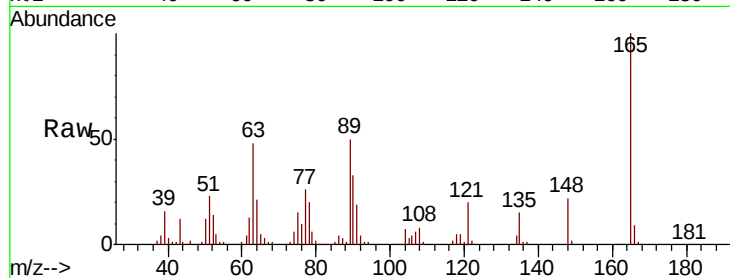




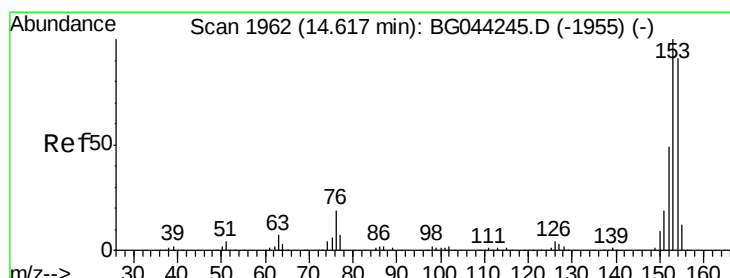
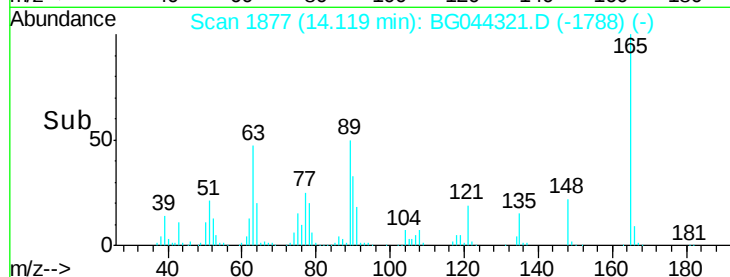
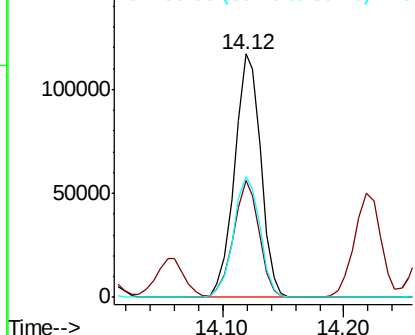
#51
2,6-Dinitrotoluene
Concen: 41.187 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BG044321.D
Acq: 6 Feb 2020 13:57

Instrument :
BNA_G
ClientSampleId :
PB126624BS

Tot Ion:165 Resp: 176852
Ion Ratio Lower Upper
165 100
63 48.1 38.7 58.1
89 49.7 40.4 60.6

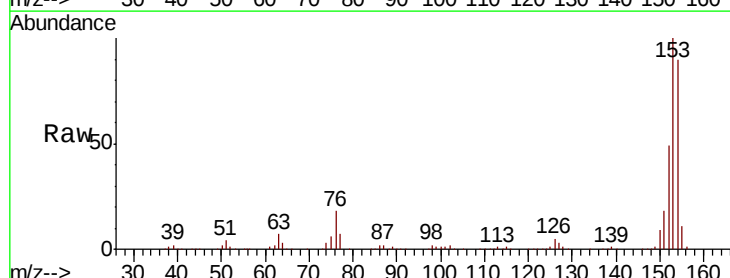


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

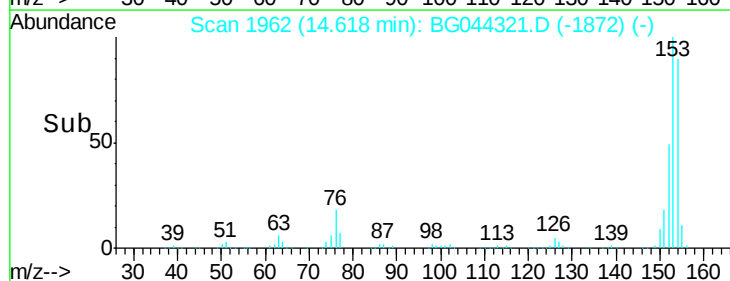
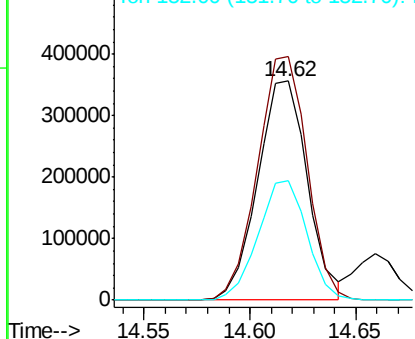


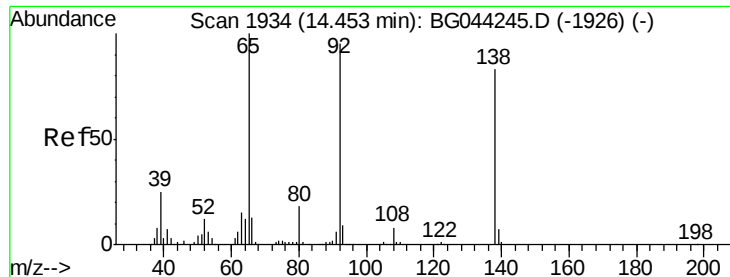
#52
Acenaphthene
Concen: 39.957 ng
RT: 14.62 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BG044321.D
Acq: 6 Feb 2020 13:57

Tgt Ion:154 Resp: 584139
Ion Ratio Lower Upper
154 100
153 111.2 87.9 131.9
152 54.8 43.1 64.7



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: 26.973 ng

RT: 14.45 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG044321.D

Acq: 6 Feb 2020 13:57

Instrument :

BNA_G

ClientSampled :

PB126624BS

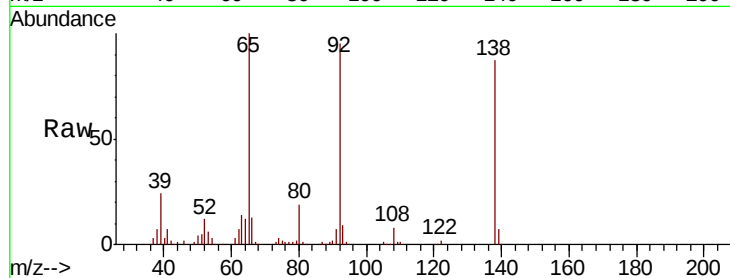
Tot Ion:138 Resp: 128138

Ion Ratio Lower Upper

138 100

108 9.6 7.9 11.9

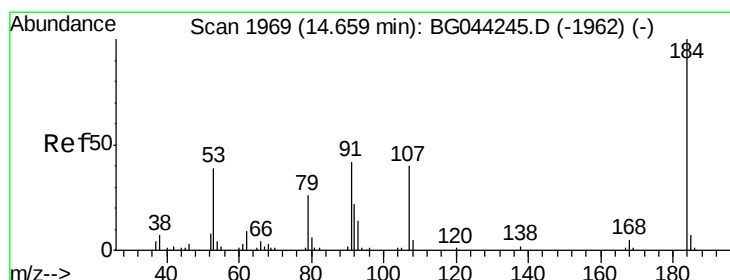
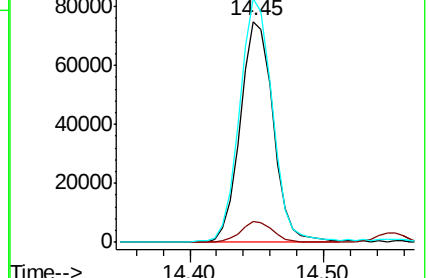
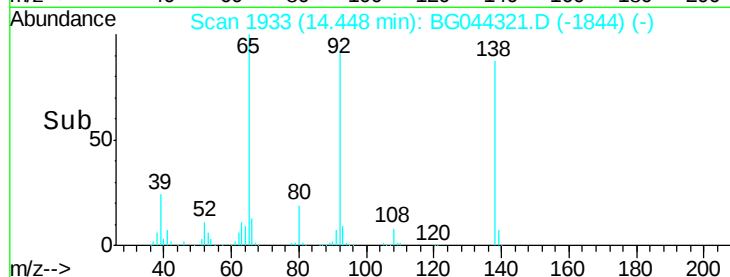
92 110.2 91.0 136.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E



#54

2,4-Dinitrophenol

Concen: 80.830 ng

RT: 14.66 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BG044321.D

Acq: 6 Feb 2020 13:57

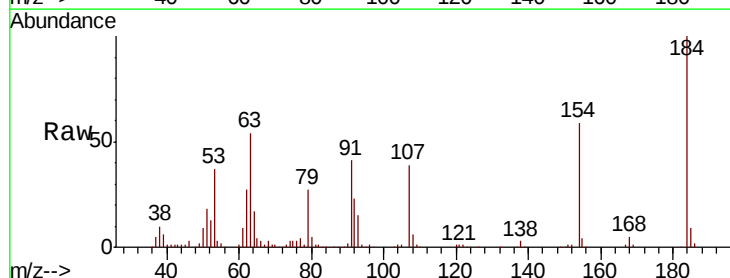
Tgt Ion:184 Resp: 205882

Ion Ratio Lower Upper

184 100

63 54.2 44.1 66.1

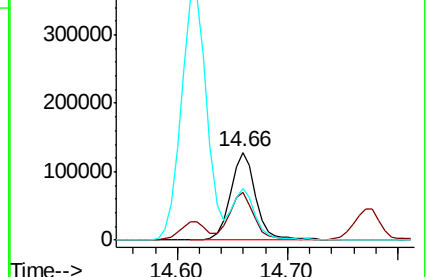
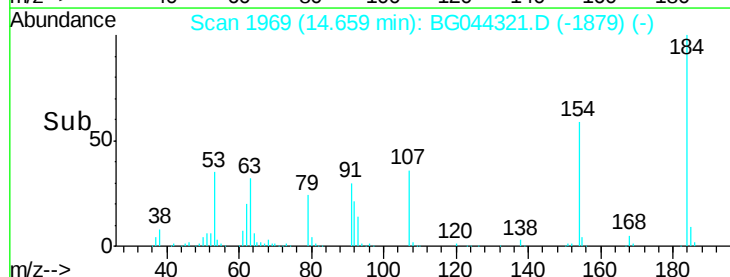
154 58.6 45.4 68.0

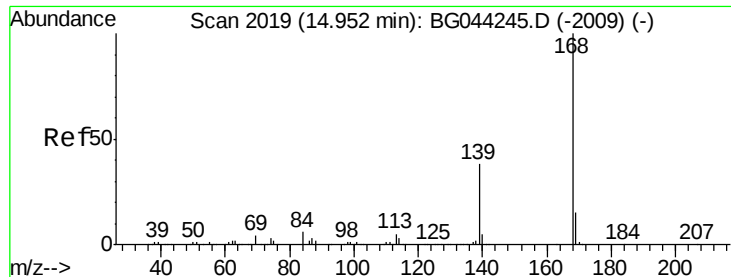


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E

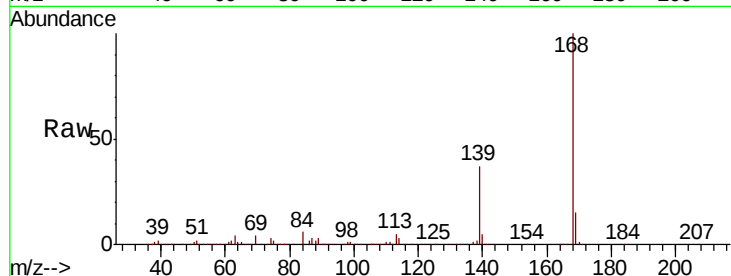




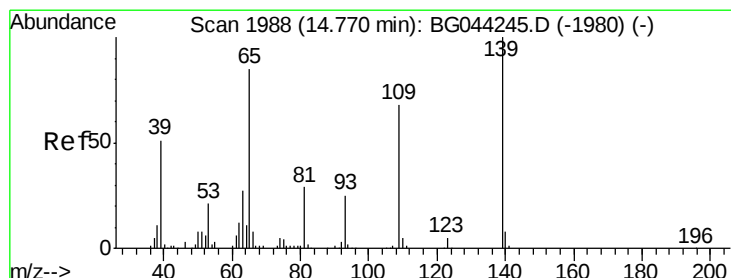
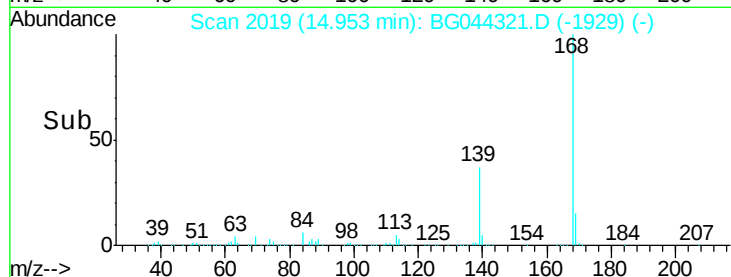
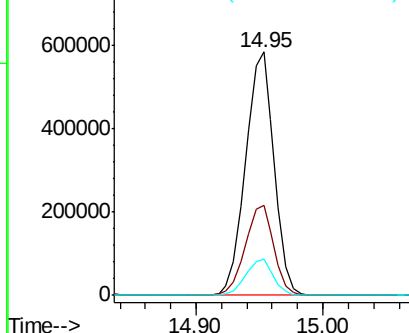
#55
Dibenzenofuran
Concen: 41.123 ng
RT: 14.95 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BG044321.D
Acq: 6 Feb 2020 13:57

Instrument :
BNA_G
ClientSampleId :
PB126624BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.1	30.5	45.7
169	14.7	11.7	17.5

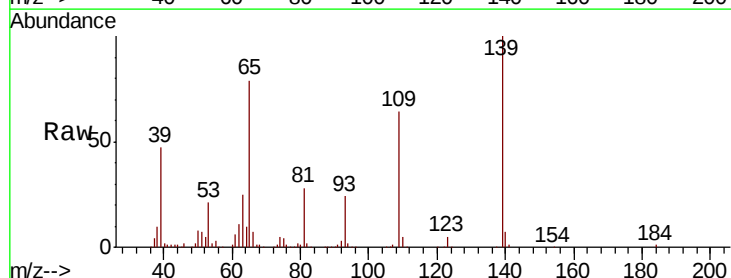


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

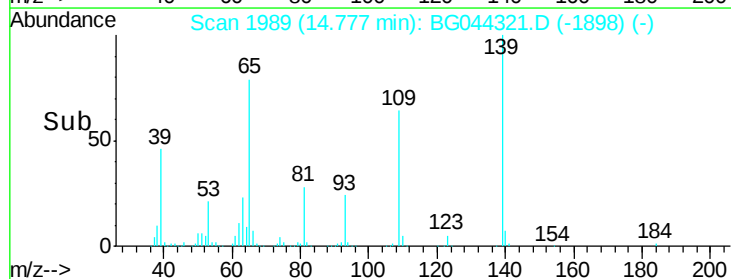
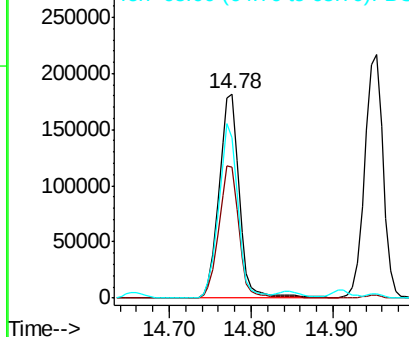


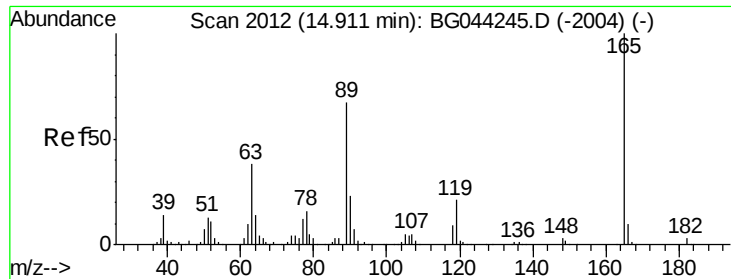
#56
4-Nitrophenol
Concen: 90.301 ng
RT: 14.78 min Scan# 1989
Delta R.T. 0.01 min
Lab File: BG044321.D
Acq: 6 Feb 2020 13:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.1	47.5	87.5
65	78.8	64.9	104.9



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

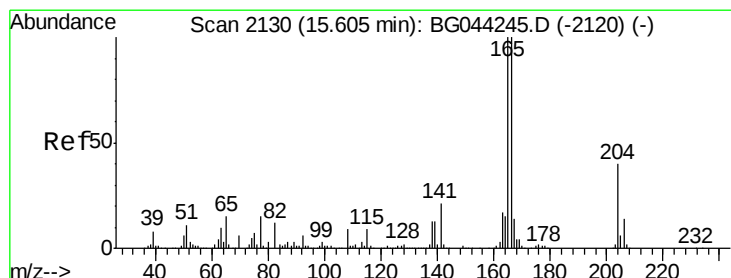
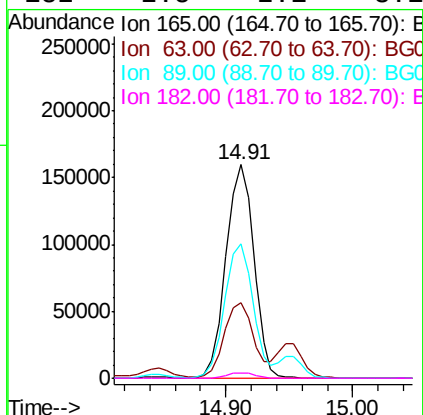
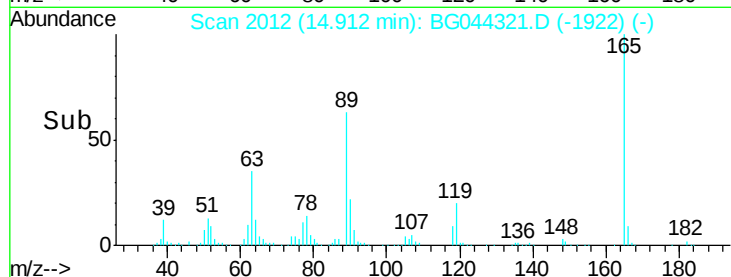
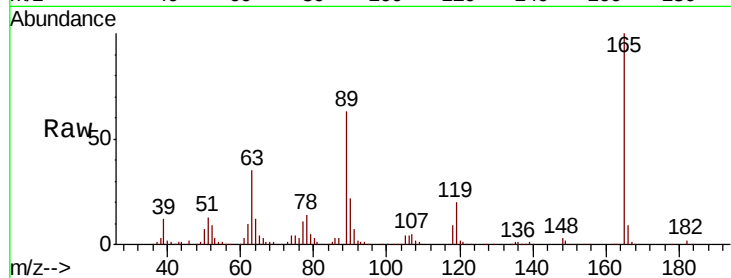




#57
2,4-Dinitrotoluene
Concen: 40.515 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG044321.D
Acq: 6 Feb 2020 13:57

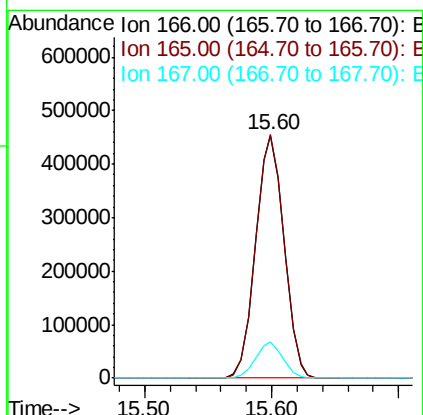
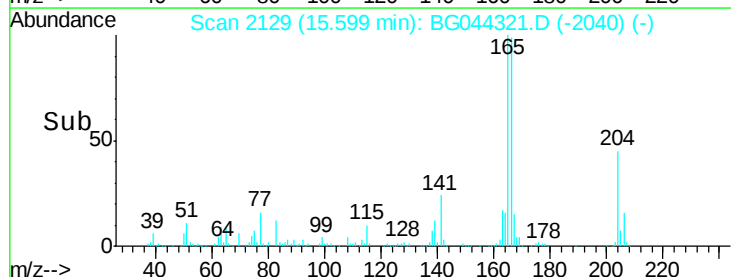
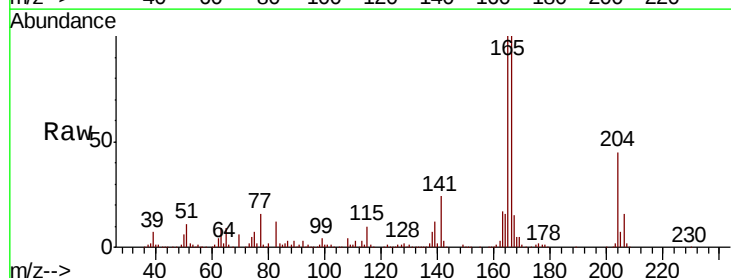
Instrument :
BNA_G
ClientSampleId :
PB126624BS

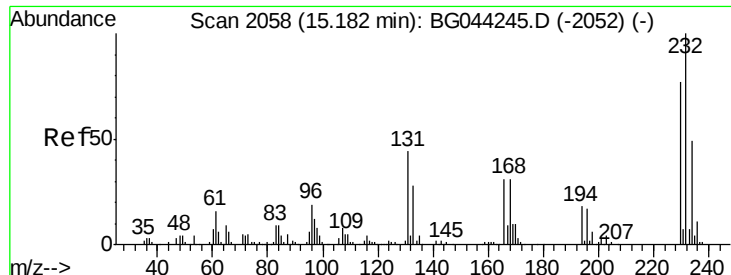
Tot Ion	Ratio	Lower	Upper
165	100		
63	35.4	30.3	45.5
89	62.7	53.4	80.2
182	2.5	2.1	3.1



#58
Fluorene
Concen: 40.507 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG044321.D
Acq: 6 Feb 2020 13:57

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.4	79.9	119.9
167	15.0	11.4	17.0

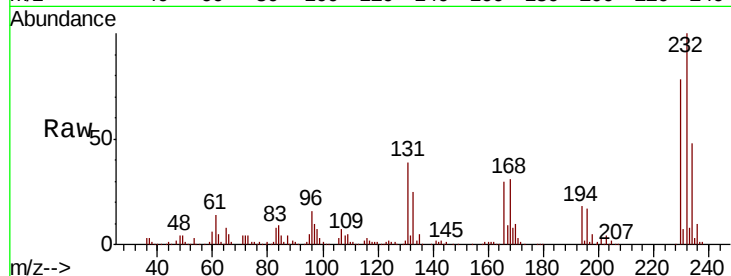




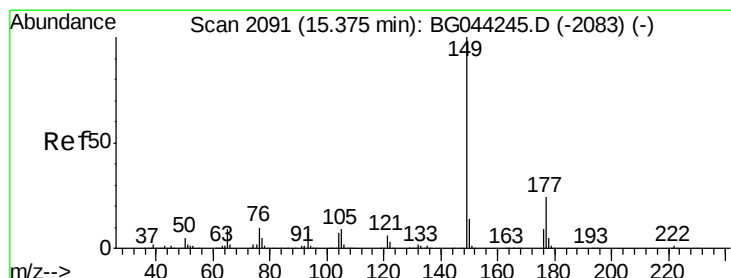
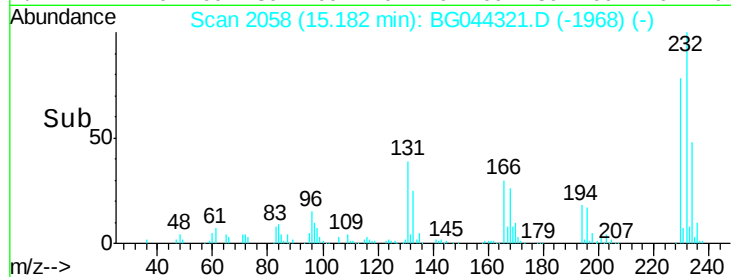
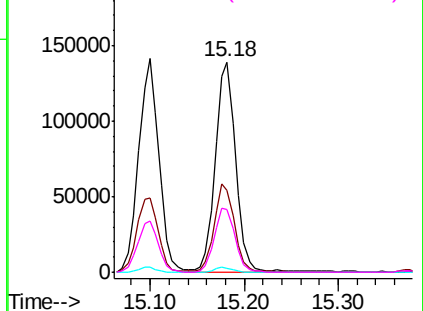
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.090 ng
 RT: 15.18 min Scan# 2058
 Delta R.T. 0.00 min
 Lab File: BG044321.D
 Acq: 6 Feb 2020 13:57

Instrument :
 BNA_G
 ClientSampleId :
 PB126624BS

Tot Ion:	232	Resp:	210712
Ion	Ratio	Lower	Upper
232	100		
131	41.7	34.2	51.4
130	2.3	1.8	2.8
166	30.7	23.8	35.8

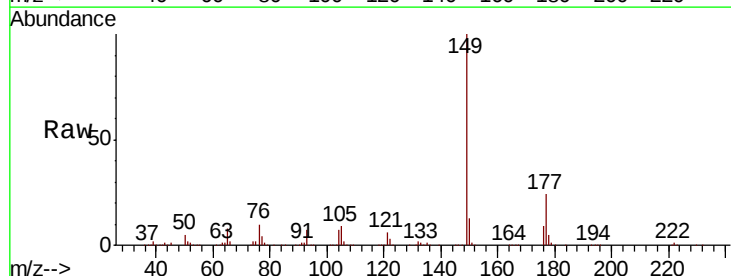


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

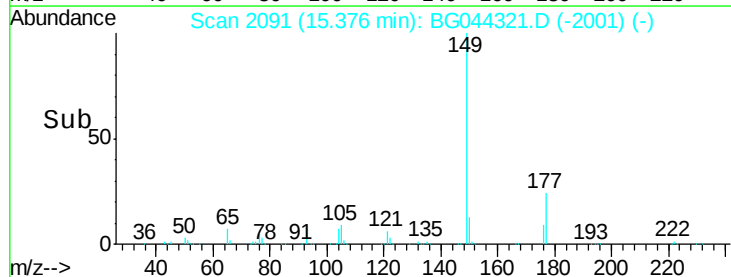
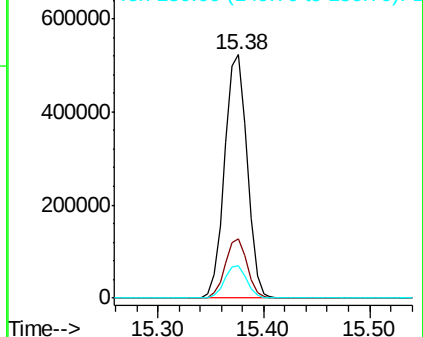


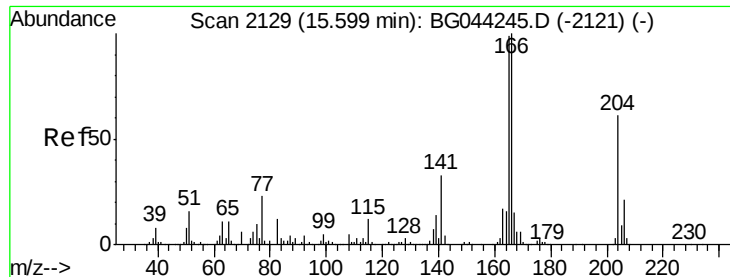
#60
 Diethylphthalate
 Concen: 39.984 ng
 RT: 15.38 min Scan# 2091
 Delta R.T. 0.00 min
 Lab File: BG044321.D
 Acq: 6 Feb 2020 13:57

Tgt Ion:	149	Resp:	767270
Ion	Ratio	Lower	Upper
149	100		
177	24.4	19.4	29.0
150	13.1	10.9	16.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

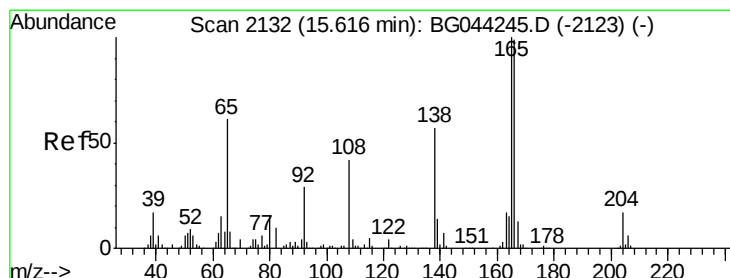
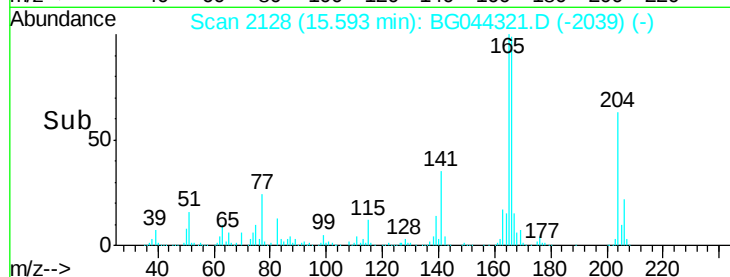
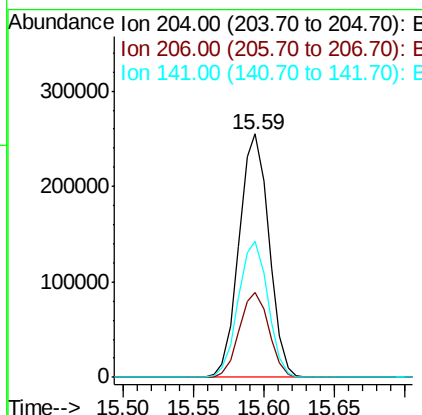
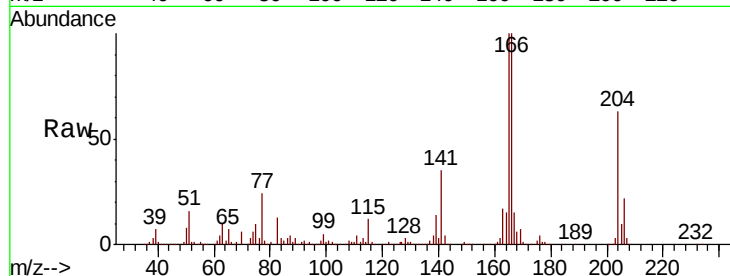




#61
 4-Chlorophenyl-phenylether
 Concen: 39.925 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BG044321.D
 Acq: 6 Feb 2020 13:57

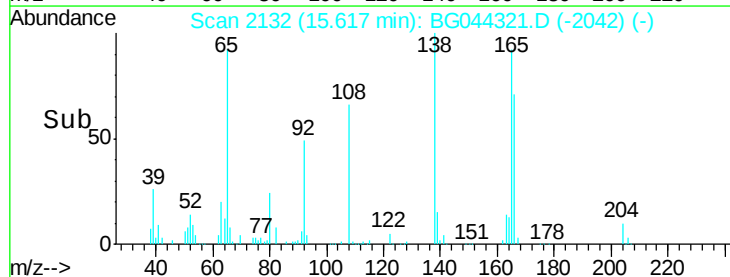
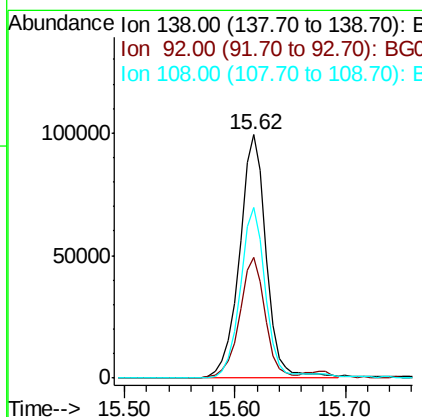
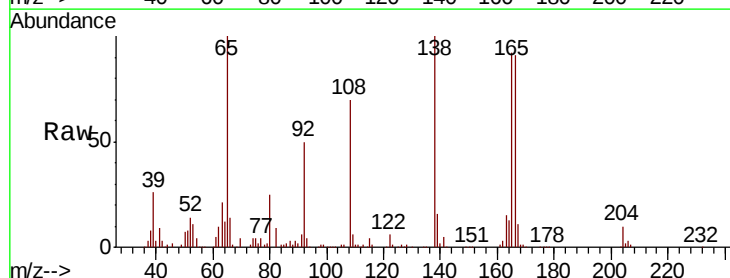
Instrument :
 BNA_G
 ClientSampleId :
 PB126624BS

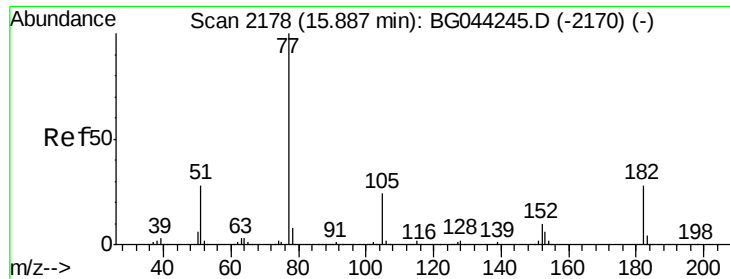
Tot Ion	Ratio	Lower	Upper
204	100		
206	35.1	27.6	41.4
141	56.1	43.4	65.0



#62
 4-Nitroaniline
 Concen: 35.562 ng
 RT: 15.62 min Scan# 2132
 Delta R.T. 0.00 min
 Lab File: BG044321.D
 Acq: 6 Feb 2020 13:57

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.8	31.3	71.3
108	69.9	52.6	92.6

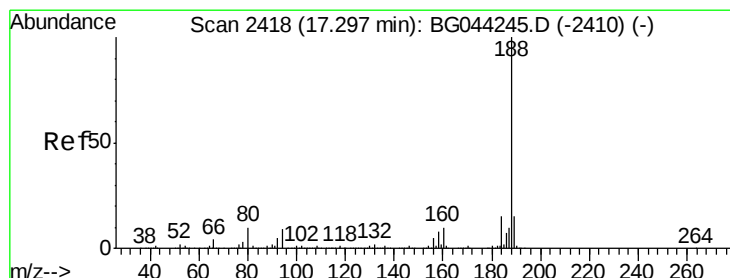
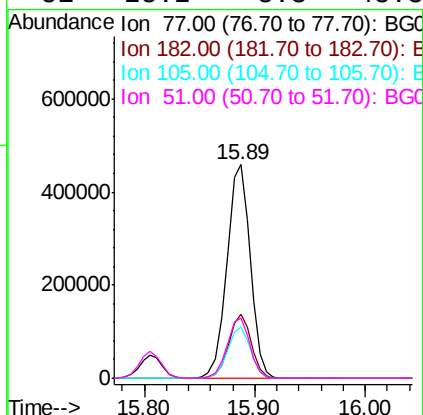
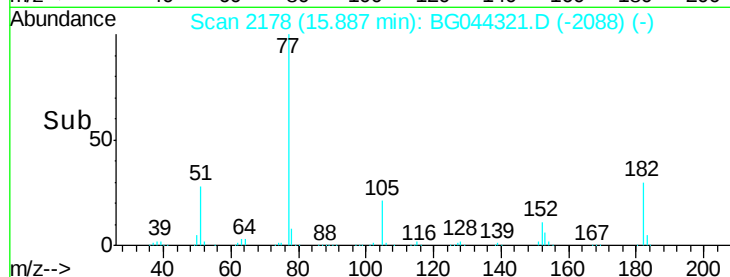
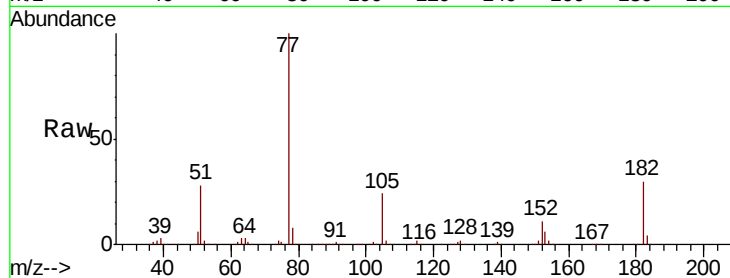




#63
Azobenzene
Concen: 40.376 ng
RT: 15.89 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BG044321.D
Acq: 6 Feb 2020 13:57

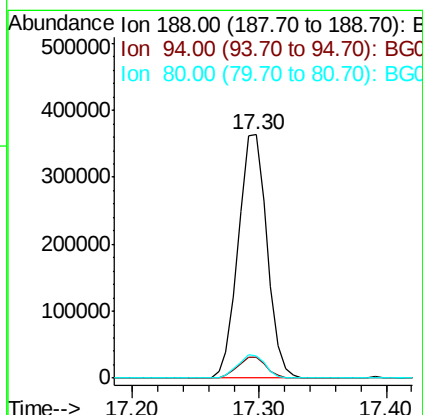
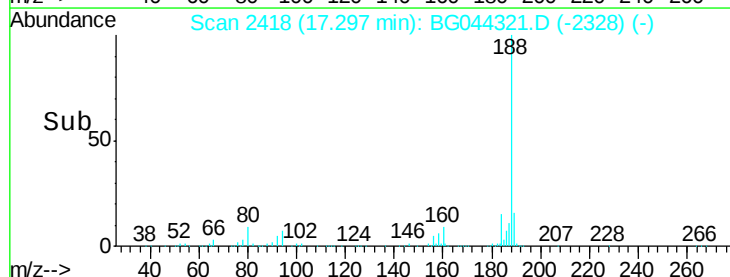
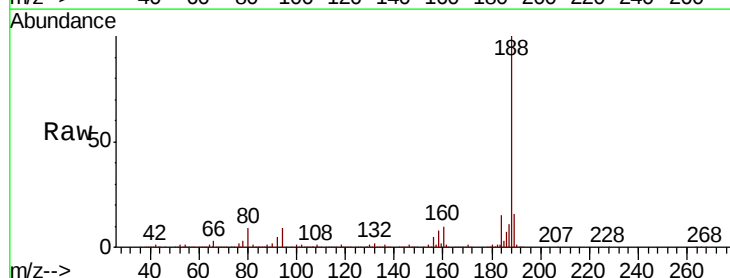
Instrument :
BNA_G
ClientSampleId :
PB126624BS

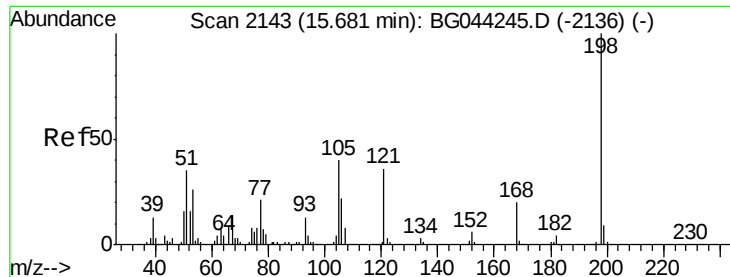
Tot Ion: 77 Resp: 679044
Ion Ratio Lower Upper
77 100
182 29.9 8.2 48.2
105 24.1 3.6 43.6
51 28.2 8.3 48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BG044321.D
Acq: 6 Feb 2020 13:57

Tgt Ion: 188 Resp: 571598
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 9.0 7.7 11.5

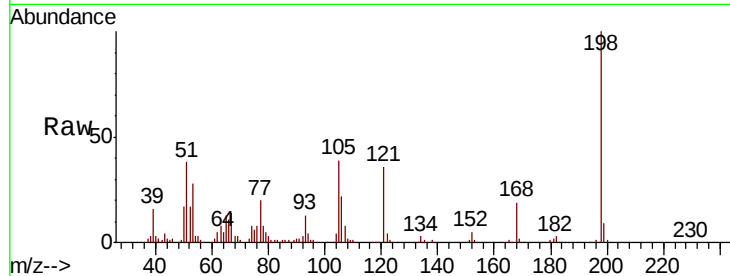




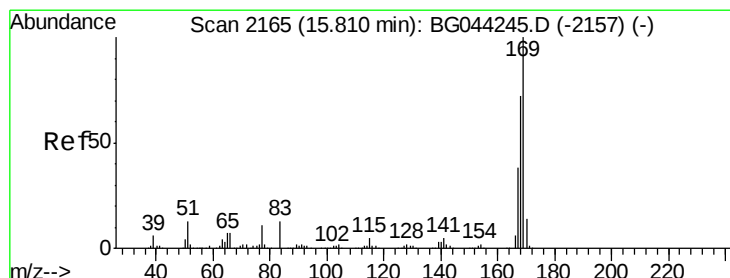
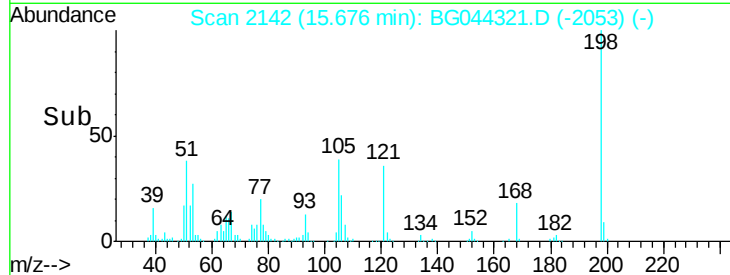
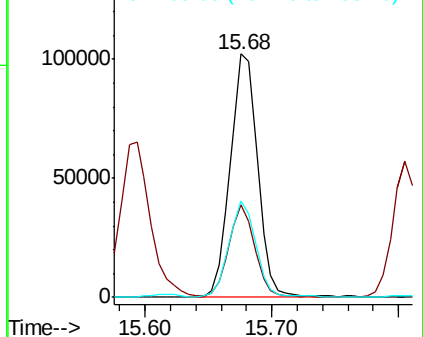
#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.418 ng
 RT: 15.68 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: BG044321.D
 Acq: 6 Feb 2020 13:57

Instrument :
 BNA_G
 ClientSampleId :
 PB126624BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	37.9	16.6	56.6
105	39.5	20.6	60.6

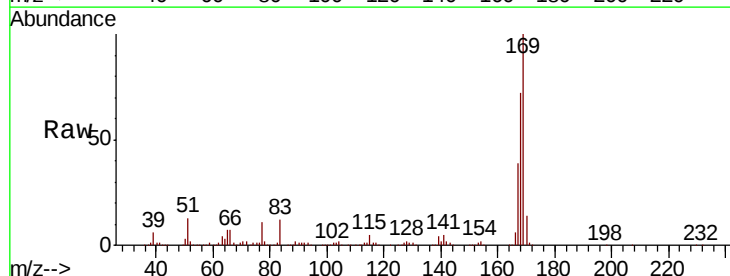


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

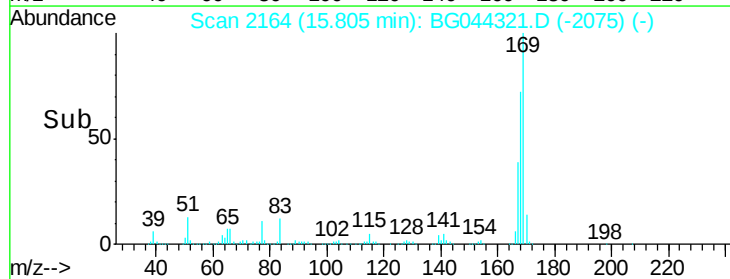
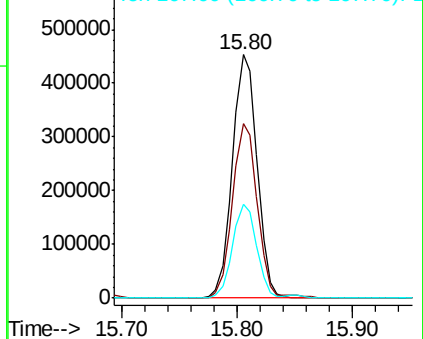


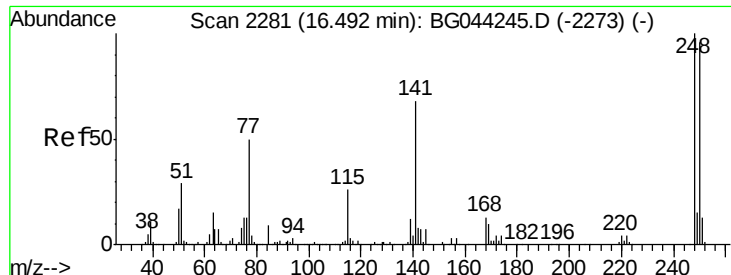
#66
 n-Nitrosodiphenylamine
 Concen: 41.738 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: BG044321.D
 Acq: 6 Feb 2020 13:57

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.9	57.9	86.9
167	38.6	30.7	46.1



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: 40.395 ng

RT: 16.49 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BG044321.D

Acq: 6 Feb 2020 13:57

Instrument :

BNA_G

ClientSampleId :

PB126624BS

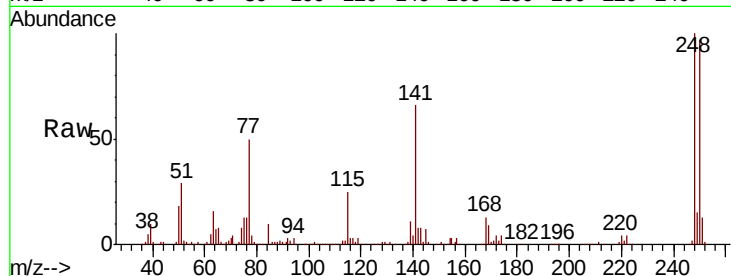
Tot Ion:248 Resp: 251557

Ion Ratio Lower Upper

248 100

250 97.3 76.6 114.8

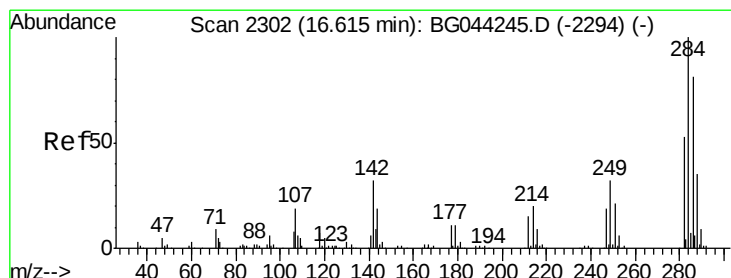
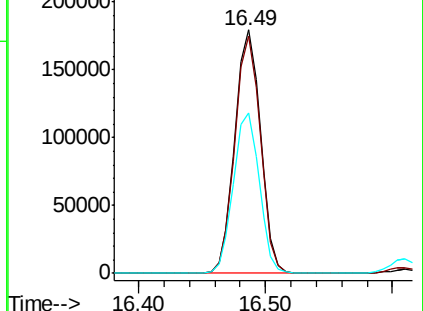
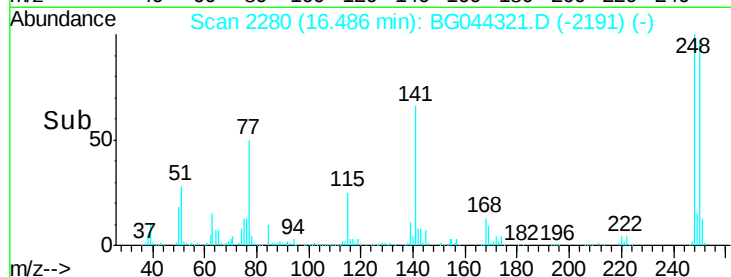
141 65.7 54.7 82.1



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 38.827 ng

RT: 16.61 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BG044321.D

Acq: 6 Feb 2020 13:57

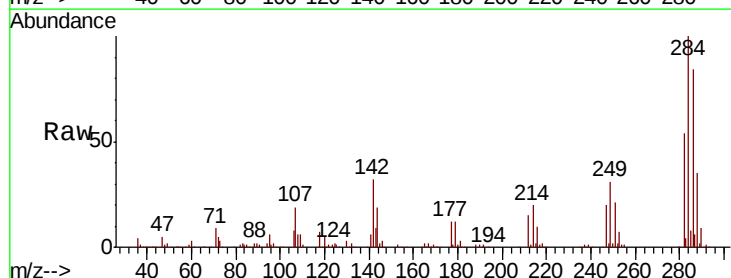
Tgt Ion:284 Resp: 270891

Ion Ratio Lower Upper

284 100

142 31.7 25.3 37.9

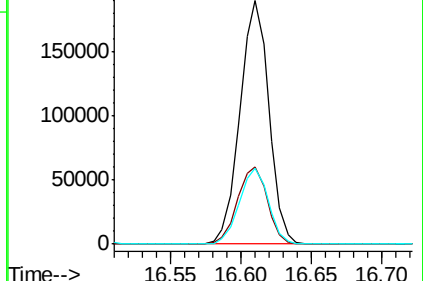
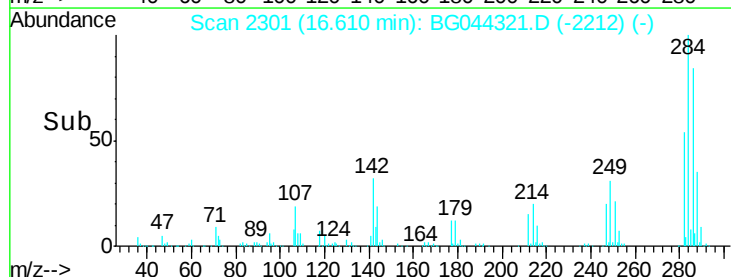
249 31.4 25.5 38.3

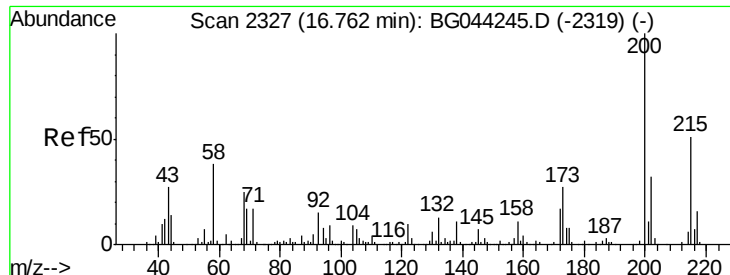


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 45.342 ng

RT: 16.76 min Scan# 2326

Delta R.T. -0.01 min

Lab File: BG044321.D

Acq: 6 Feb 2020 13:57

Instrument :

BNA_G

ClientSampleId :

PB126624BS

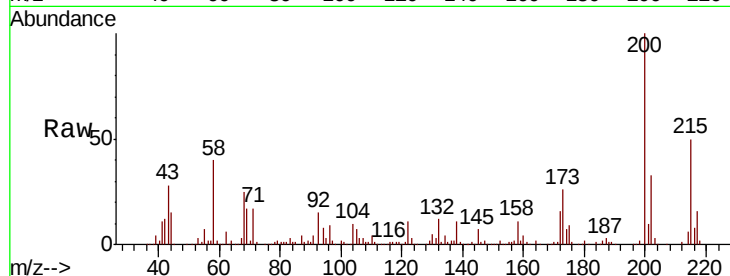
Tot Ion:200 Resp: 248946

Ion Ratio Lower Upper

200 100

173 25.9 6.6 46.6

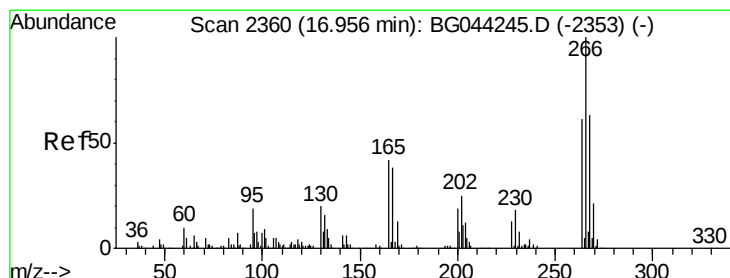
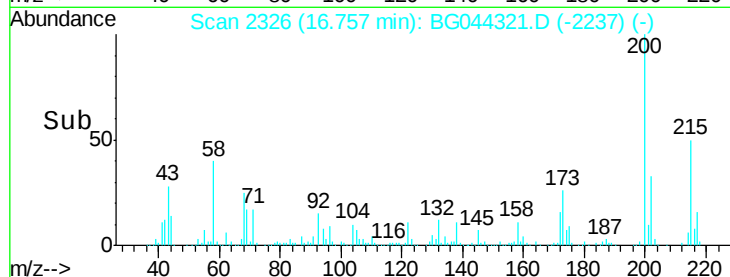
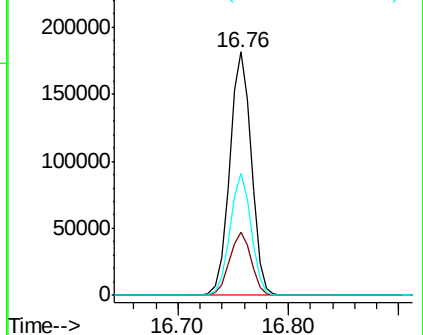
215 49.9 31.0 71.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 86.134 ng

RT: 16.95 min Scan# 2359

Delta R.T. -0.00 min

Lab File: BG044321.D

Acq: 6 Feb 2020 13:57

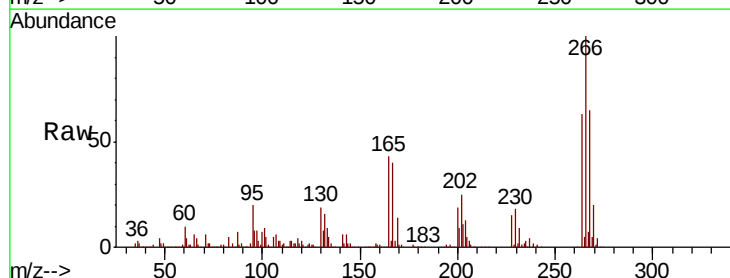
Tgt Ion:266 Resp: 304774

Ion Ratio Lower Upper

266 100

268 64.9 50.6 75.8

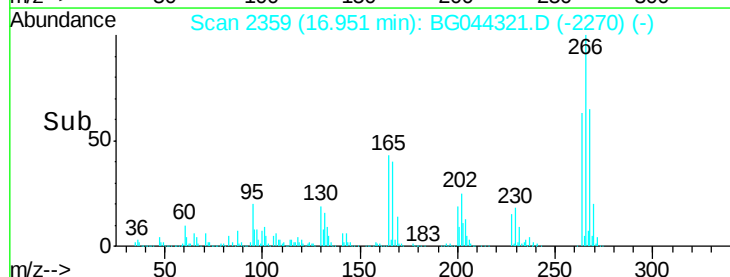
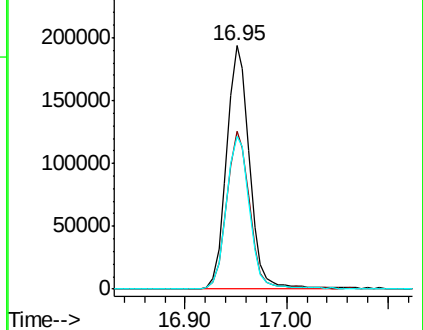
264 62.5 48.7 73.1

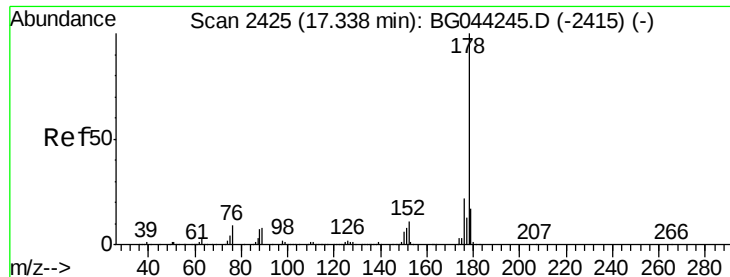


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

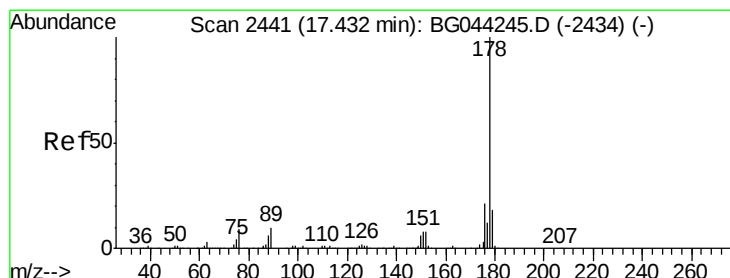
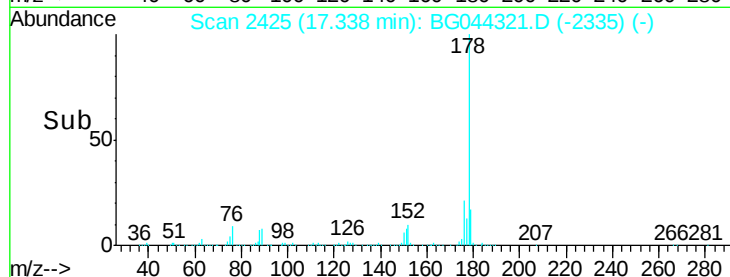
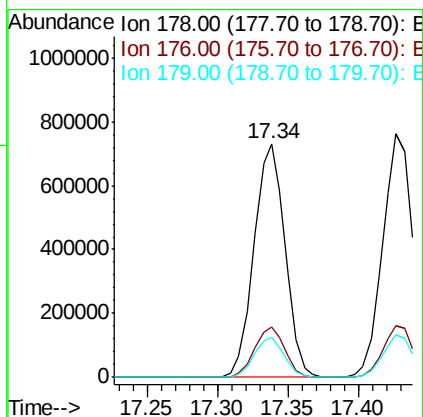
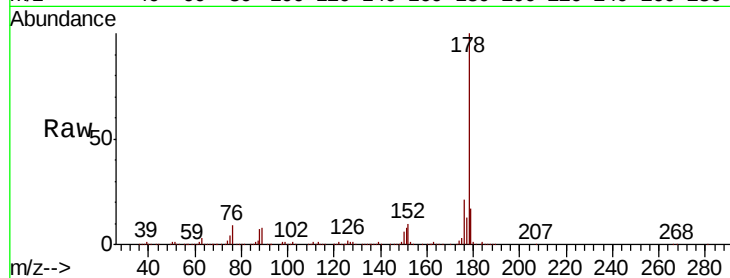




#71
Phenanthrene
Concen: 40.892 ng
RT: 17.34 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG044321.D
Acq: 6 Feb 2020 13:57

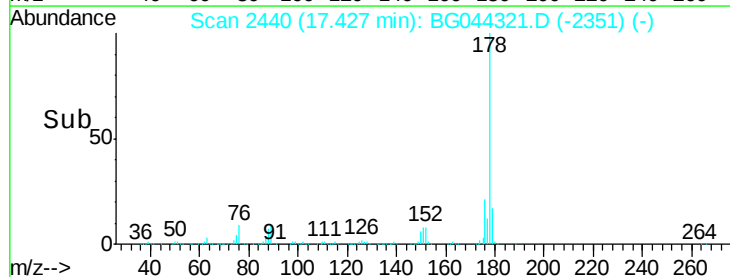
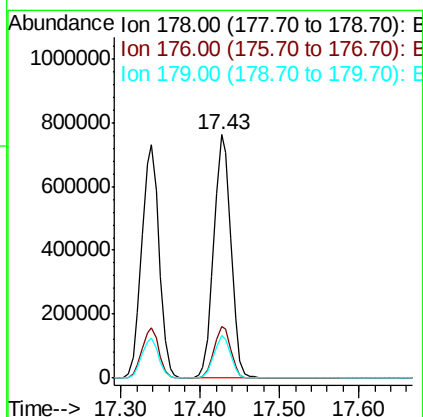
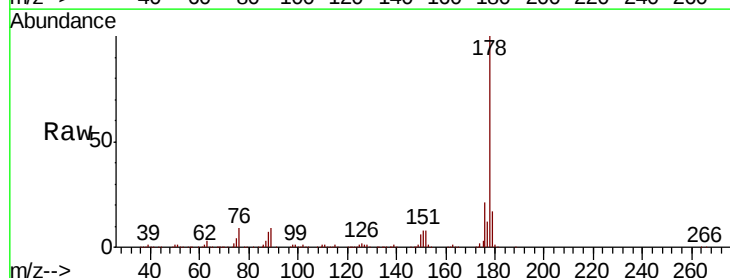
Instrument :
BNA_G
ClientSampleId :
PB126624BS

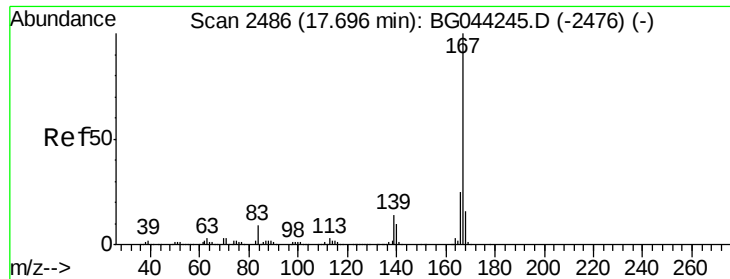
Tot Ion:178 Resp: 1131848
Ion Ratio Lower Upper
178 100
176 21.5 17.7 26.5
179 17.1 13.7 20.5



#72
Anthracene
Concen: 41.764 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG044321.D
Acq: 6 Feb 2020 13:57

Tgt Ion:178 Resp: 1142856
Ion Ratio Lower Upper
178 100
176 21.4 17.0 25.4
179 17.3 14.4 21.6

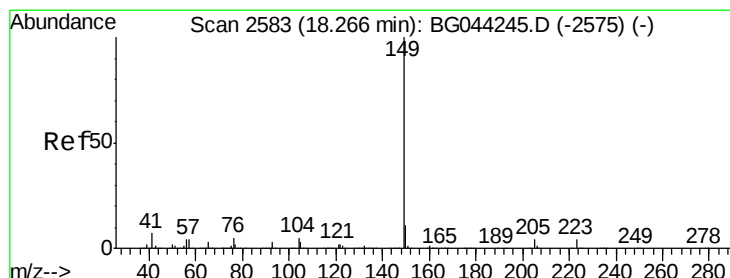
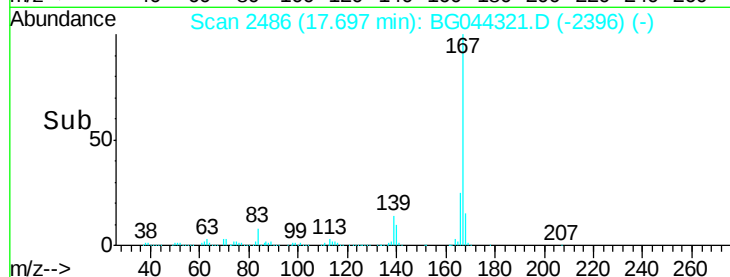
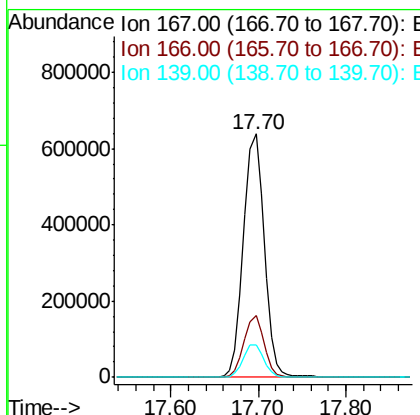
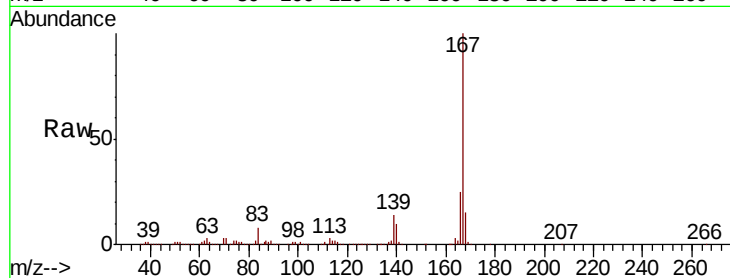




#73
 Carbazole
 Concen: 40.588 ng
 RT: 17.70 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BG044321.D
 Acq: 6 Feb 2020 13:57

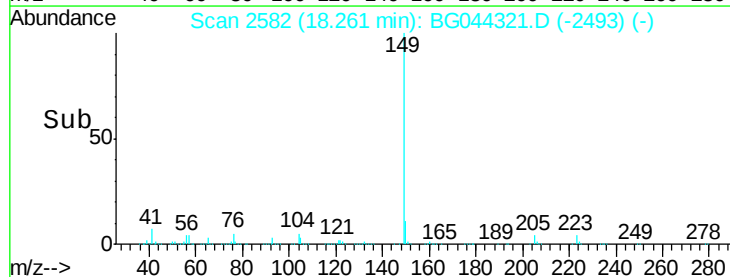
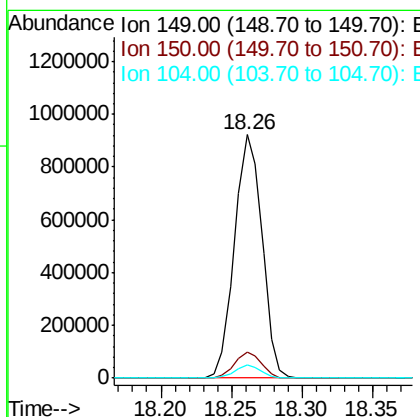
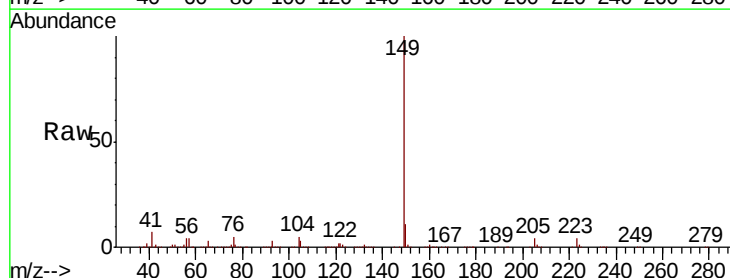
Instrument :
 BNA_G
 ClientSampleId :
 PB126624BS

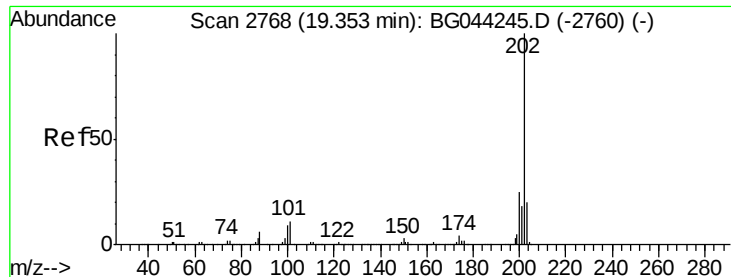
Tot Ion:167 Resp: 1023931
 Ion Ratio Lower Upper
 167 100
 166 25.3 19.8 29.6
 139 13.6 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 40.378 ng
 RT: 18.26 min Scan# 2582
 Delta R.T. -0.01 min
 Lab File: BG044321.D
 Acq: 6 Feb 2020 13:57

Tgt Ion:149 Resp: 1258772
 Ion Ratio Lower Upper
 149 100
 150 10.9 8.7 13.1
 104 5.3 4.3 6.5





#75

Fluoranthene

Concen: 40.581 ng

RT: 19.35 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BG044321.D

Acq: 6 Feb 2020 13:57

Instrument :

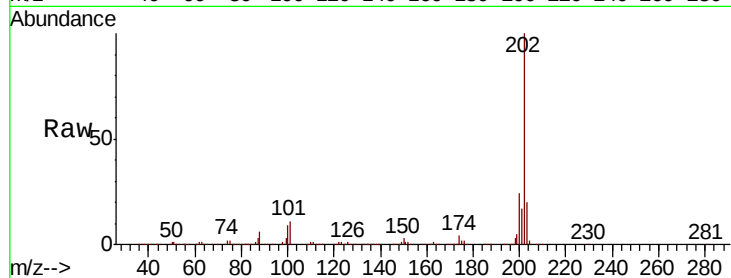
BNA_G

ClientSampleId :

PB126624BS

Tot Ion:202 Resp: 1299379

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.3
203	20.2	0.0	39.9

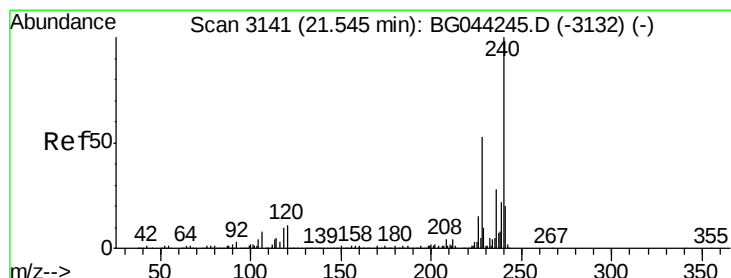
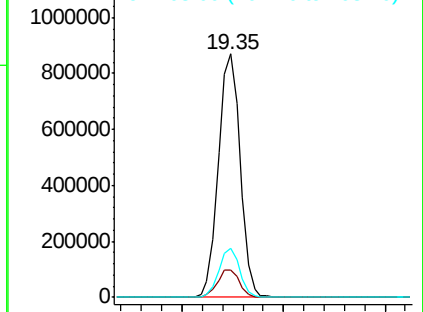
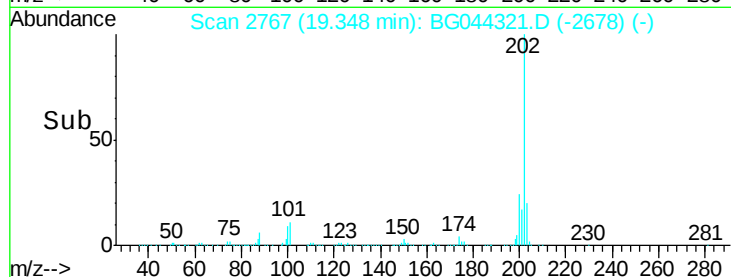


Abundance

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: 21.54 min Scan# 3140

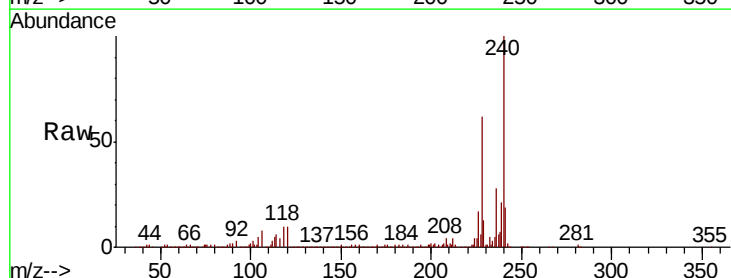
Delta R.T. -0.01 min

Lab File: BG044321.D

Acq: 6 Feb 2020 13:57

Tgt Ion:240 Resp: 491540

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.4	12.6
236	27.5	22.1	33.1

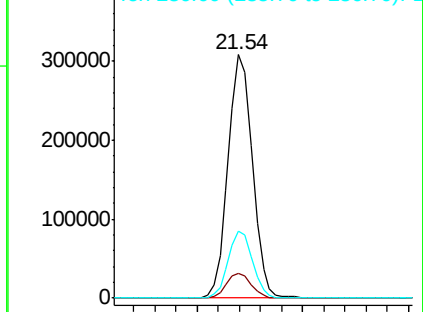
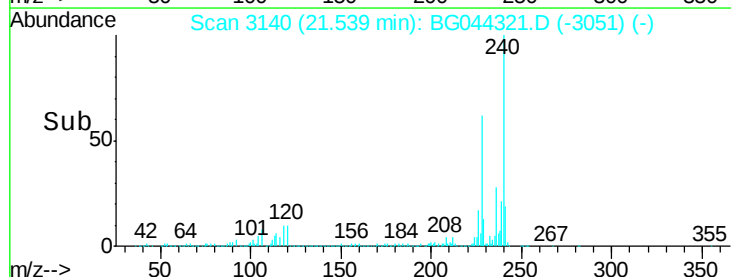


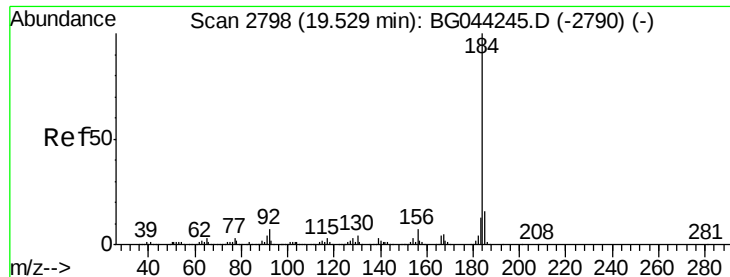
Abundance

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: 28.159 ng

RT: 19.52 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BG044321.D

Acq: 6 Feb 2020 13:57

Instrument :

BNA_G

ClientSampleId :

PB126624BS

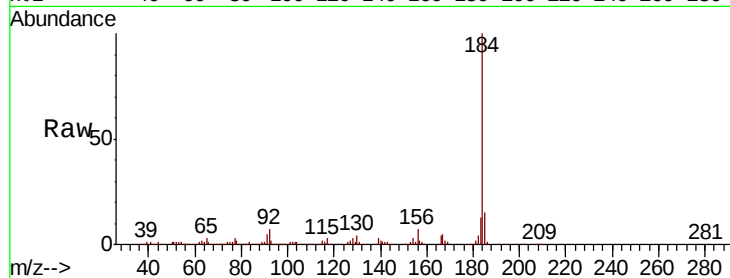
Tot Ion:184 Resp: 383923

Ion Ratio Lower Upper

184 100

185 14.9 12.9 19.3

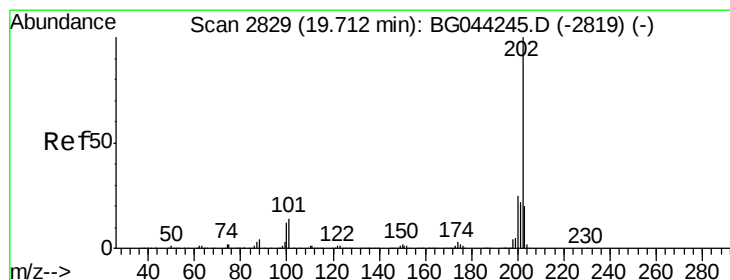
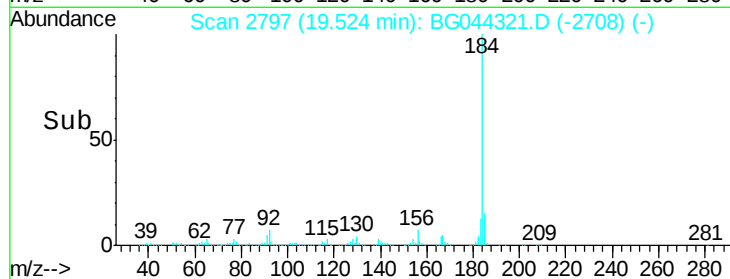
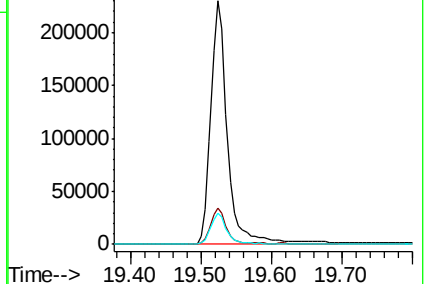
183 12.6 10.8 16.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.900 ng

RT: 19.71 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BG044321.D

Acq: 6 Feb 2020 13:57

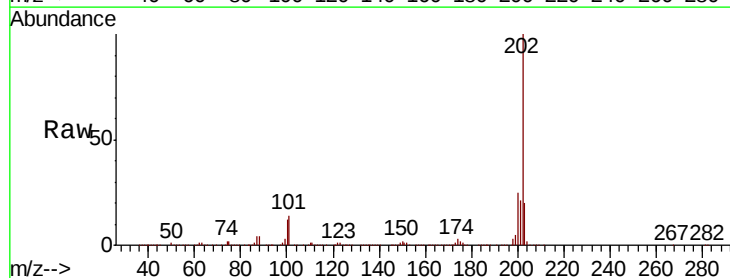
Tgt Ion:202 Resp: 1291070

Ion Ratio Lower Upper

202 100

200 24.6 20.0 30.0

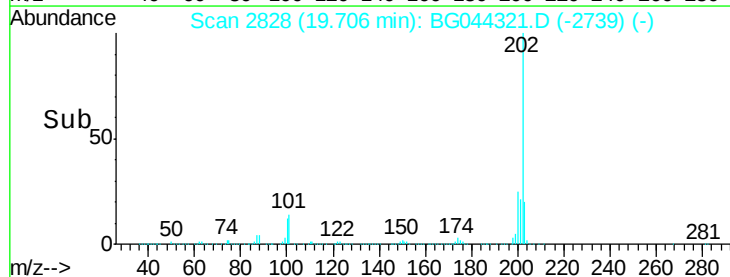
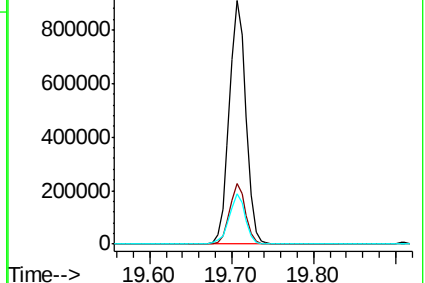
203 20.4 16.2 24.2

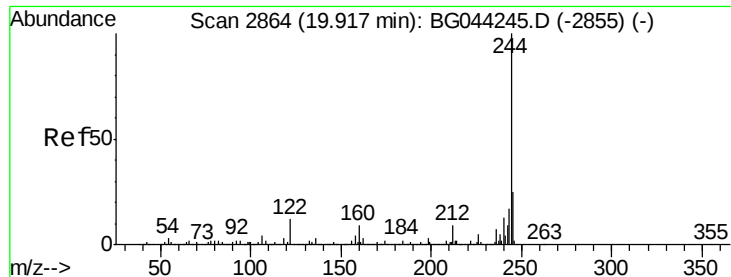


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 66.512 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG044321.D

Acq: 6 Feb 2020 13:57

Instrument :

BNA_G

ClientSampleId :

PB126624BS

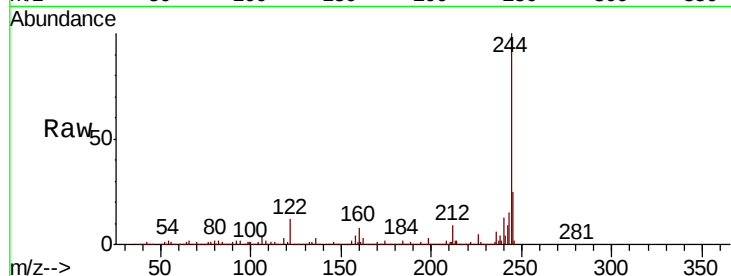
Tot Ion:244 Resp: 1589461

Ion Ratio Lower Upper

244 100

212 9.0 7.4 11.2

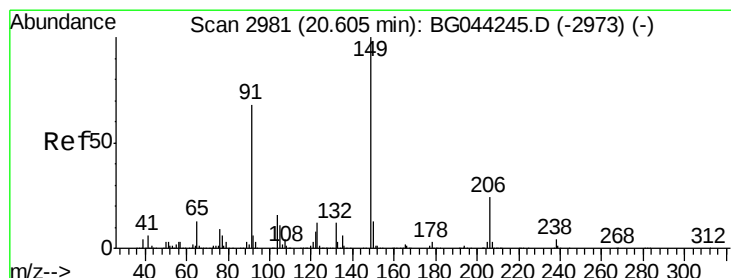
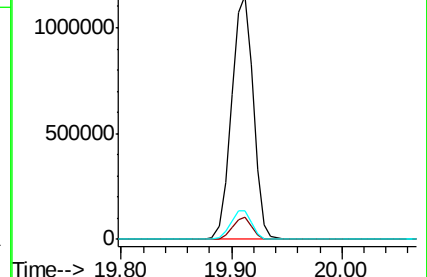
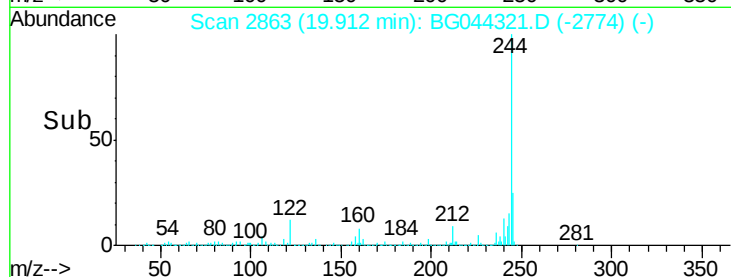
122 11.8 9.8 14.6



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: 40.070 ng

RT: 20.60 min Scan# 2980

Delta R.T. -0.01 min

Lab File: BG044321.D

Acq: 6 Feb 2020 13:57

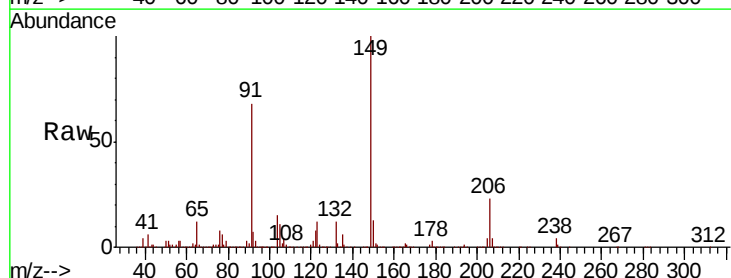
Tgt Ion:149 Resp: 576425

Ion Ratio Lower Upper

149 100

91 68.1 54.5 81.7

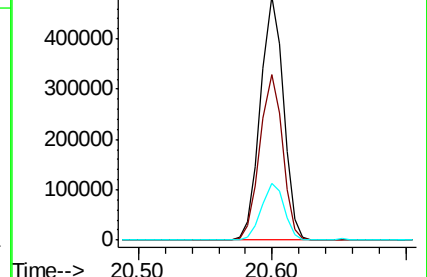
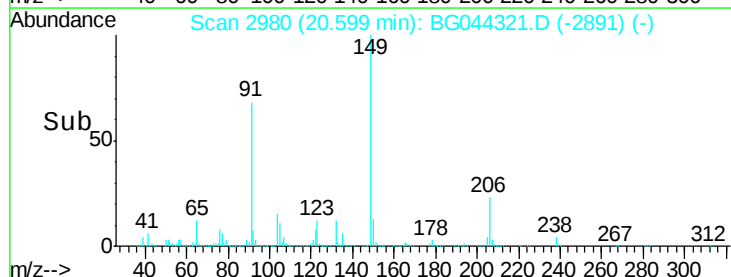
206 23.3 19.1 28.7

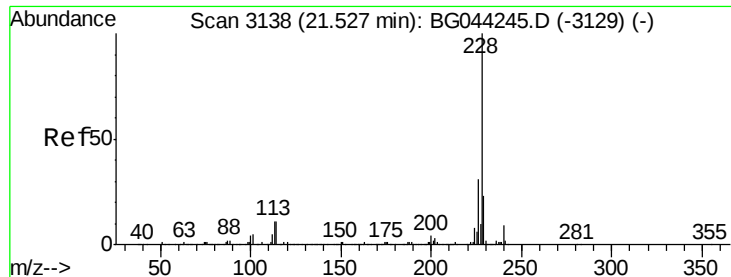


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

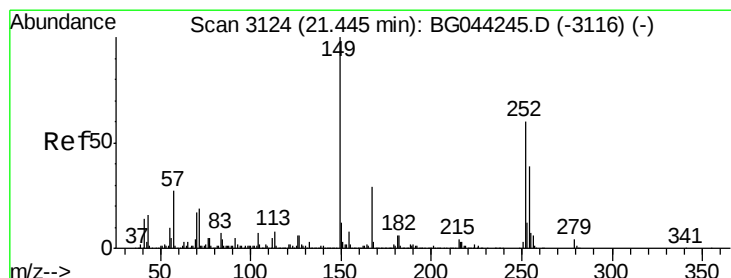
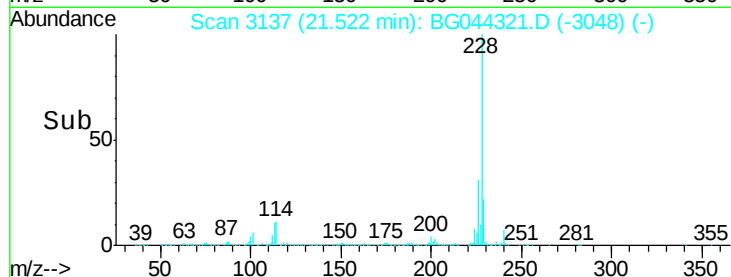
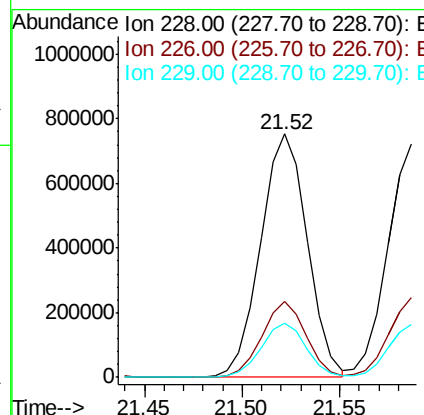
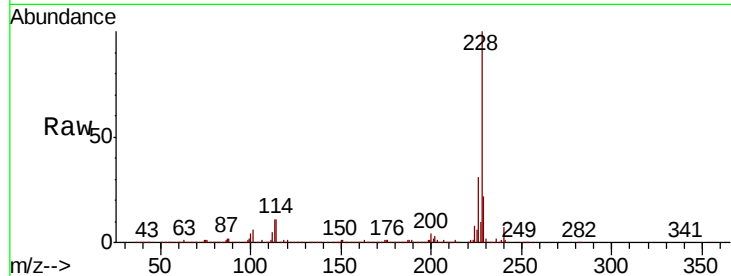




#81
Benzo(a)anthracene
Concen: 40.965 ng
RT: 21.52 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BG044321.D
Acq: 6 Feb 2020 13:57

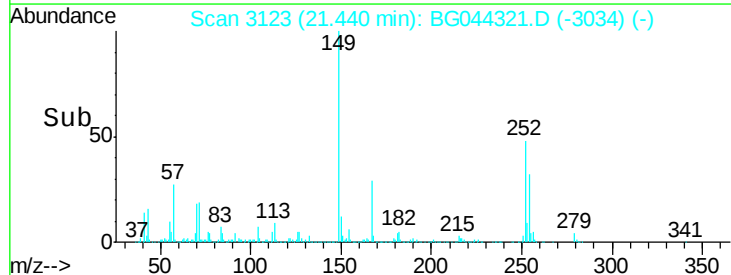
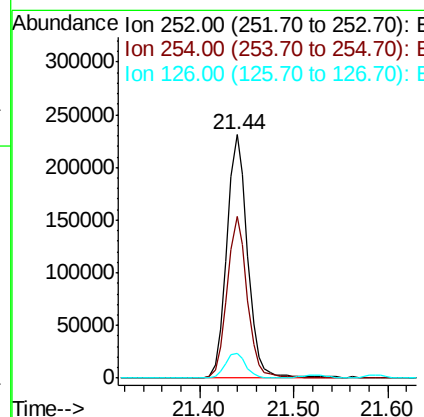
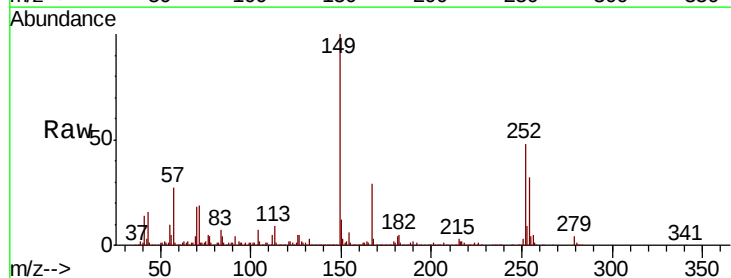
Instrument :
BNA_G
ClientSampleId :
PB126624BS

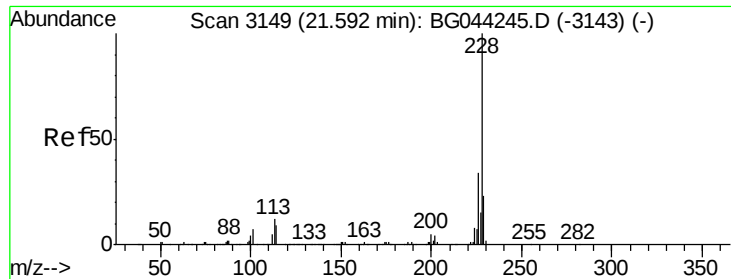
Tot Ion:228 Resp: 1241010
Ion Ratio Lower Upper
228 100
226 31.0 24.7 37.1
229 22.3 18.2 27.4



#82
3,3'-Dichlorobenzidine
Concen: 30.266 ng
RT: 21.44 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BG044321.D
Acq: 6 Feb 2020 13:57

Tgt Ion:252 Resp: 355848
Ion Ratio Lower Upper
252 100
254 66.5 52.6 78.8
126 10.0 8.2 12.4





#83

Chrysene

Concen: 40.900 ng

RT: 21.59 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG044321.D

Acq: 6 Feb 2020 13:57

Instrument :

BNA_G

ClientSampleId :

PB126624BS

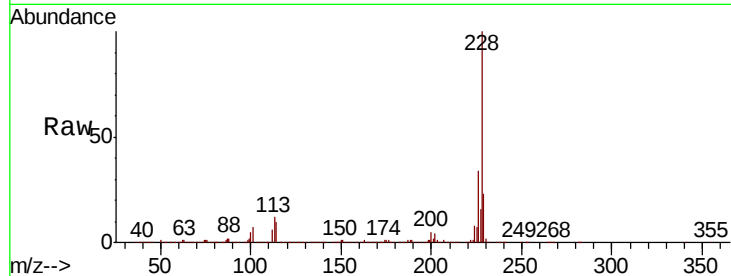
Tot Ion:228 Resp: 1197644

Ion Ratio Lower Upper

228 100

226 33.9 27.1 40.7

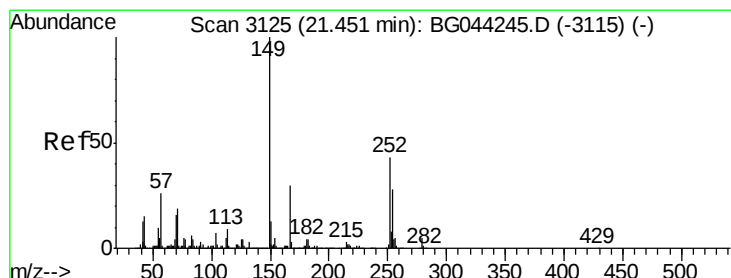
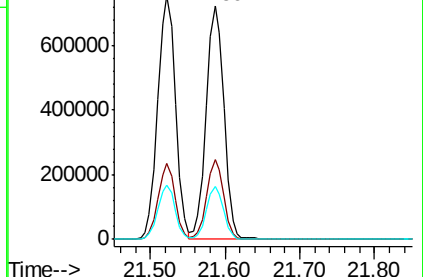
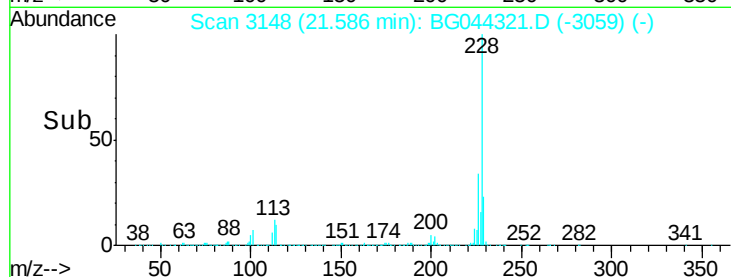
229 22.7 17.9 26.9



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: 41.294 ng

RT: 21.45 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BG044321.D

Acq: 6 Feb 2020 13:57

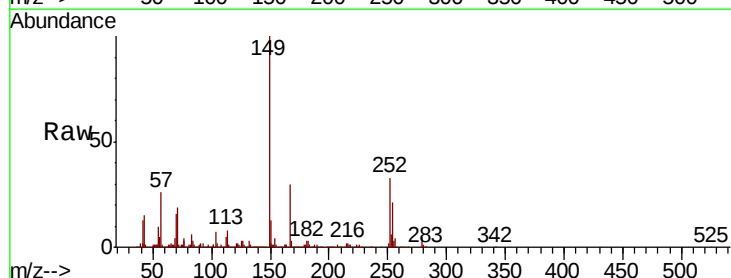
Tgt Ion:149 Resp: 817638

Ion Ratio Lower Upper

149 100

167 30.0 24.0 36.0

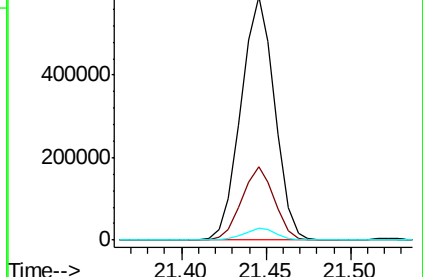
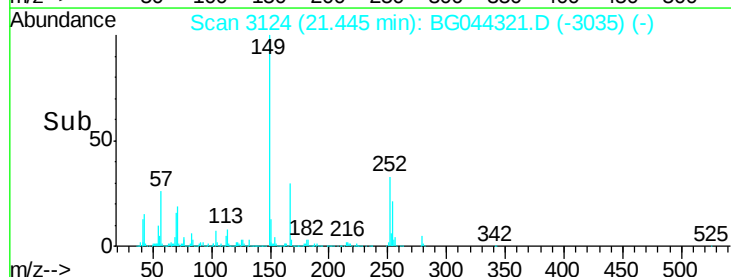
279 4.7 3.8 5.8

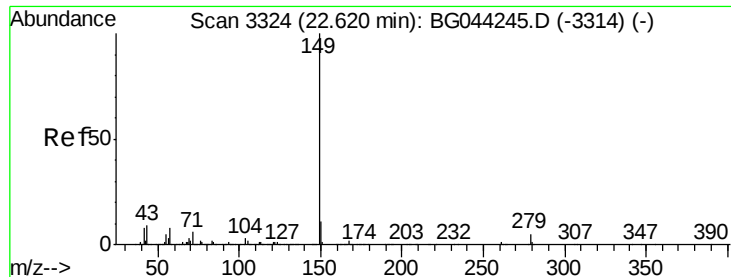


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.680 ng

RT: 22.61 min Scan# 3323

Delta R.T. -0.01 min

Lab File: BG044321.D

Acq: 6 Feb 2020 13:57

Instrument :

BNA_G

ClientSampleId :

PB126624BS

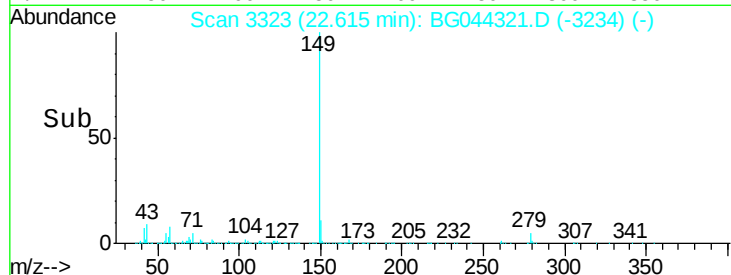
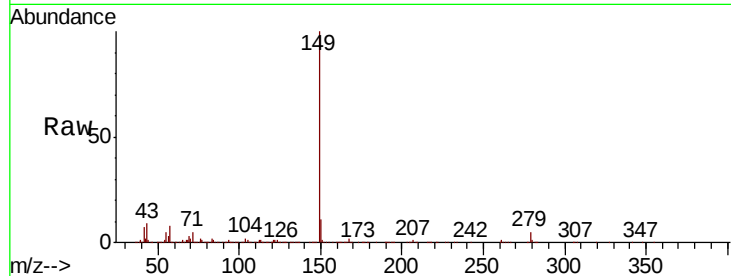
Tot Ion:149 Resp: 1427904

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

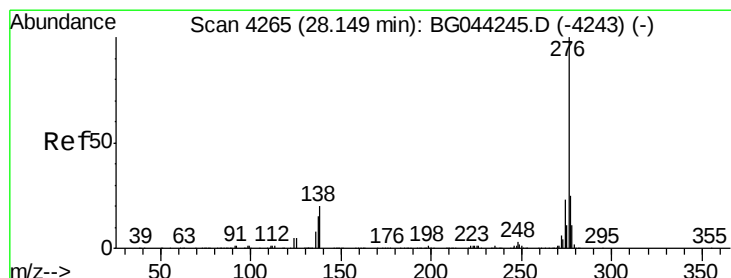
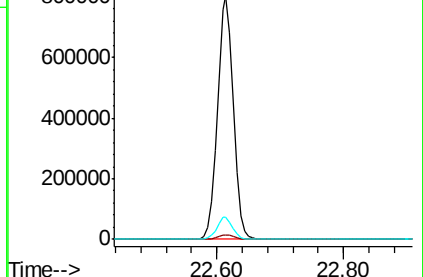
43 8.7 7.4 11.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.931 ng

RT: 28.14 min Scan# 4264

Delta R.T. -0.01 min

Lab File: BG044321.D

Acq: 6 Feb 2020 13:57

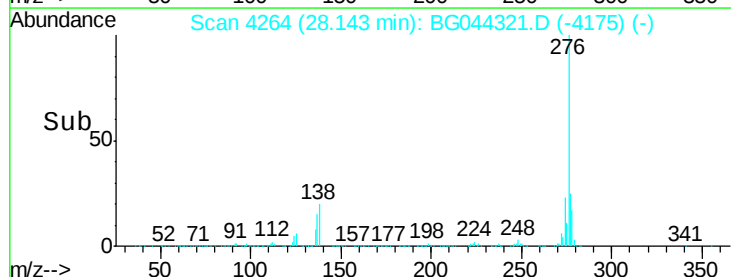
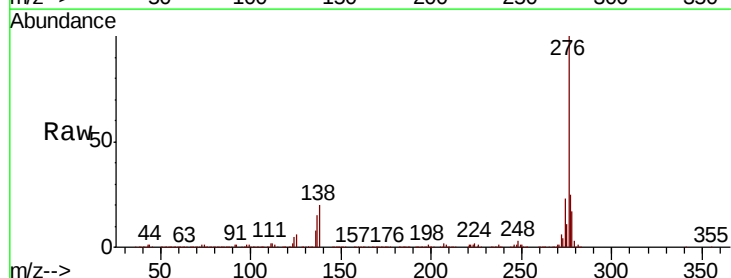
Tgt Ion:276 Resp: 1525461

Ion Ratio Lower Upper

276 100

138 24.4 19.4 29.0

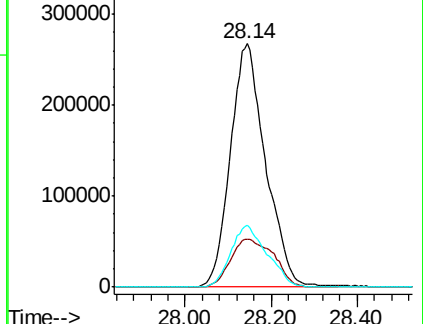
277 26.3 21.0 31.6

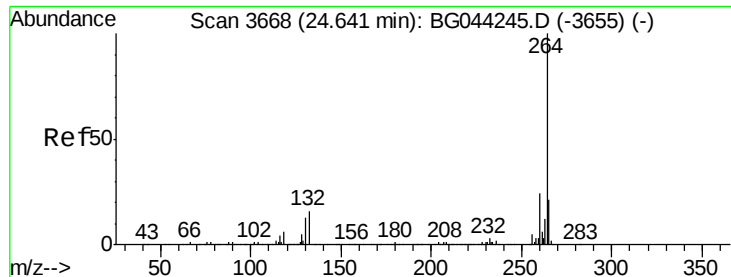


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.64 min Scan# 3667

Delta R.T. -0.01 min

Lab File: BG044321.D

Acq: 6 Feb 2020 13:57

Instrument :

BNA_G

ClientSampleId :

PB126624BS

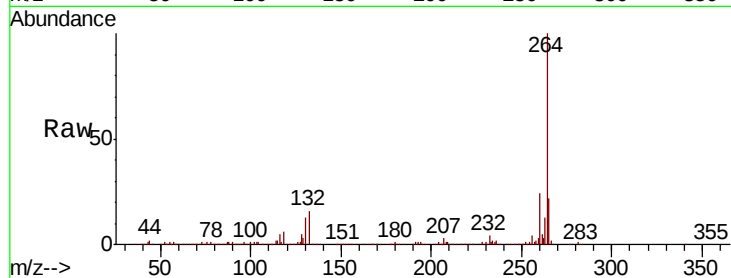
Tot Ion:264 Resp: 478189

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

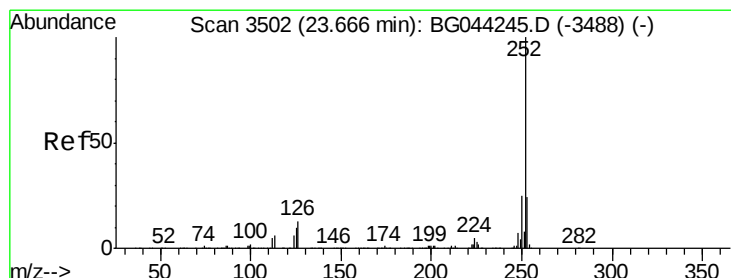
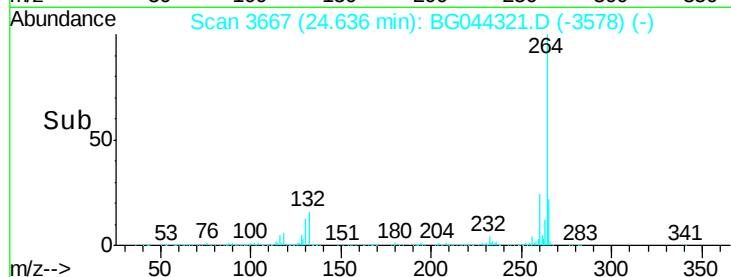
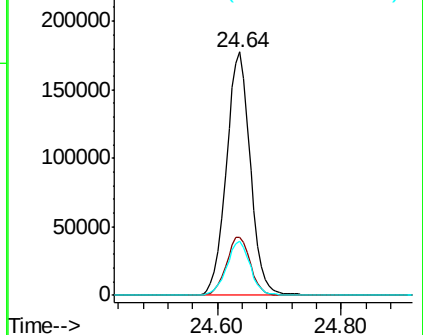
265 22.0 16.7 25.1



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: 47.547 ng

RT: 23.66 min Scan# 3501

Delta R.T. -0.01 min

Lab File: BG044321.D

Acq: 6 Feb 2020 13:57

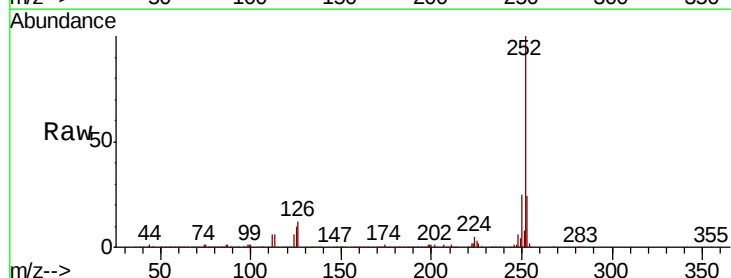
Tgt Ion:252 Resp: 1310152

Ion Ratio Lower Upper

252 100

253 23.7 19.2 28.8

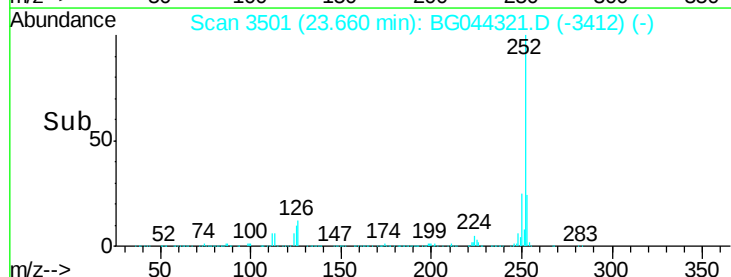
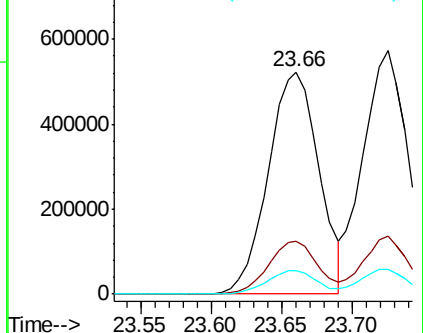
125 10.3 8.4 12.6

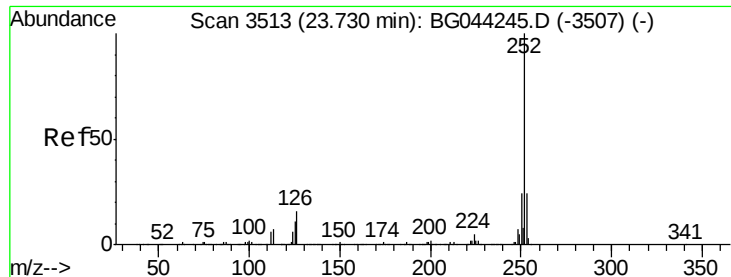


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

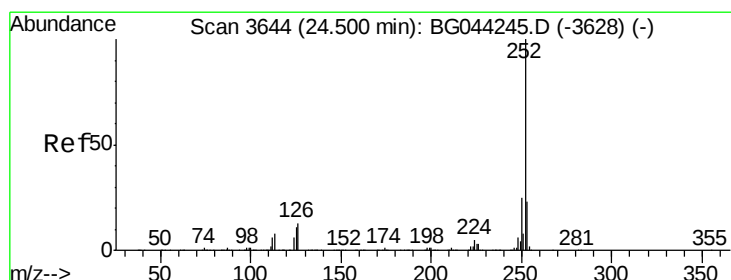
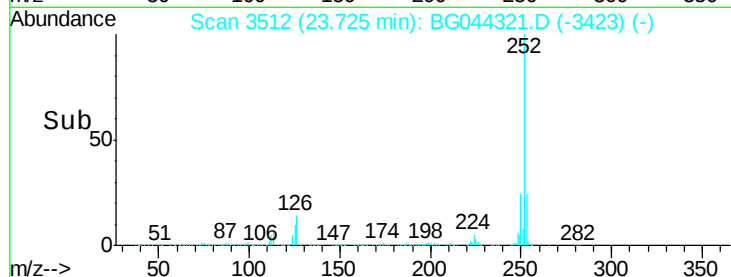
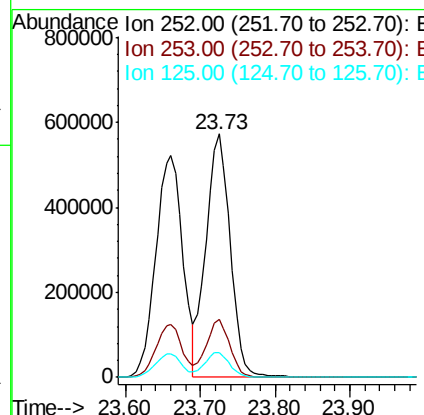
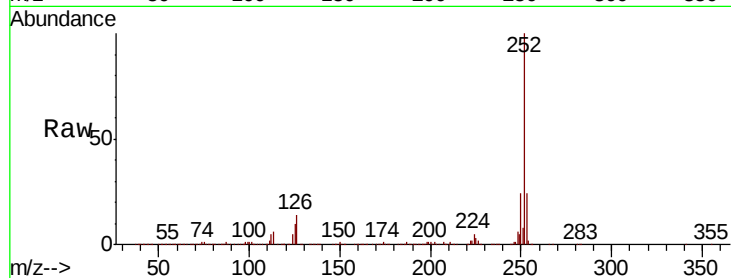




#89
Benzo(k)fluoranthene
Concen: 48.045 ng
RT: 23.73 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BG044321.D
Acq: 6 Feb 2020 13:57

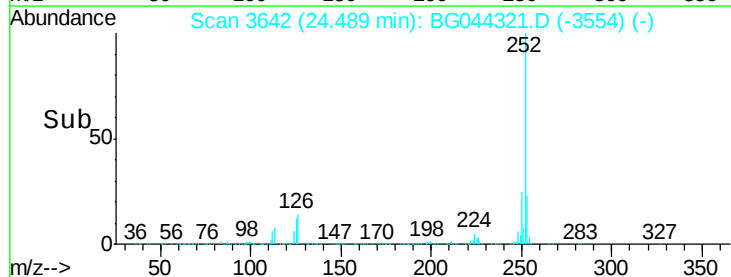
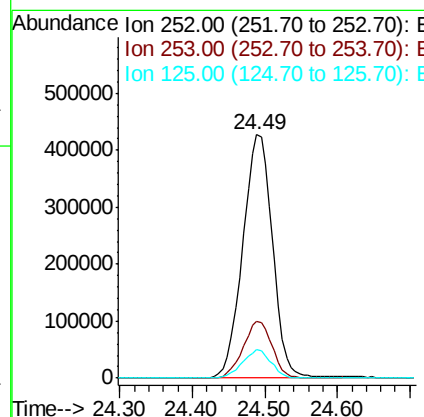
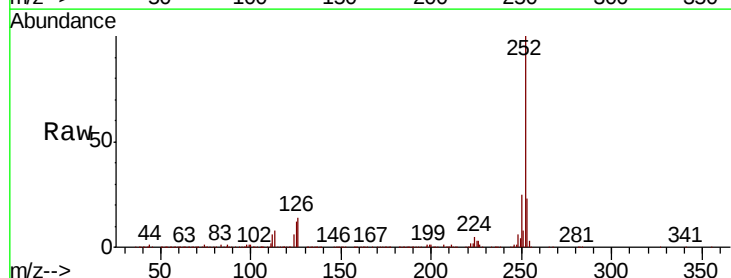
Instrument :
BNA_G
ClientSampleId :
PB126624BS

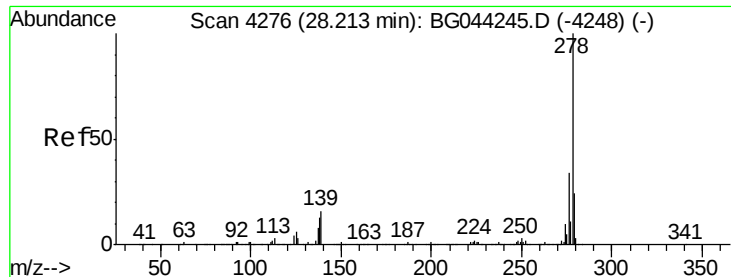
Tot Ion:252 Resp: 1290306
Ion Ratio Lower Upper
252 100
253 23.9 19.1 28.7
125 10.2 8.6 12.8



#90
Benzo(a)pyrene
Concen: 46.670 ng
RT: 24.49 min Scan# 3642
Delta R.T. -0.01 min
Lab File: BG044321.D
Acq: 6 Feb 2020 13:57

Tgt Ion:252 Resp: 1215883
Ion Ratio Lower Upper
252 100
253 23.2 18.1 27.1
125 11.8 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 49.054 ng

RT: 28.20 min Scan# 4274

Delta R.T. -0.01 min

Lab File: BG044321.D

Acq: 6 Feb 2020 13:57

Instrument :

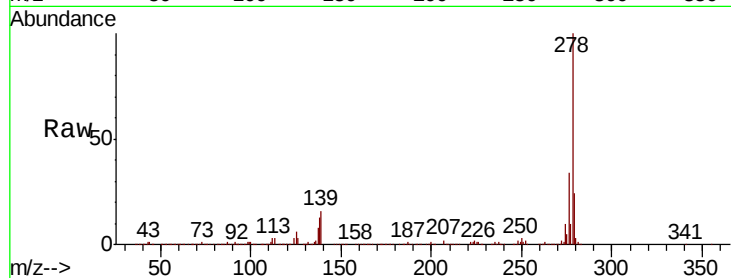
BNA_G

ClientSampleId :

PB126624BS

Tot Ion:278 Resp: 1264787

Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.7	19.1
279	24.5	19.3	28.9

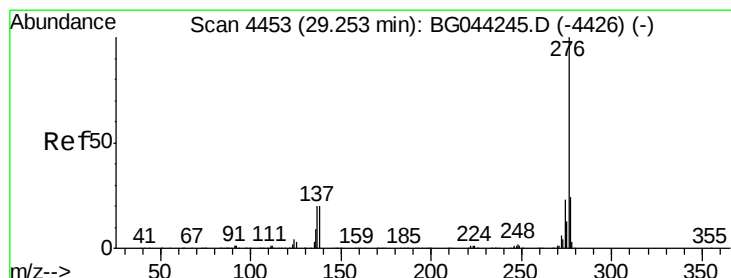
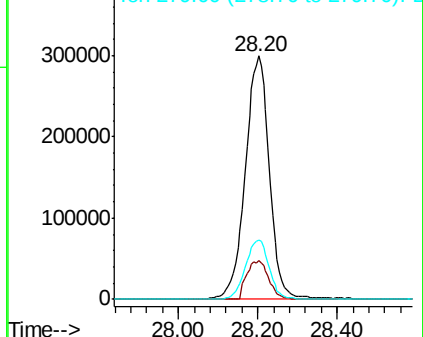
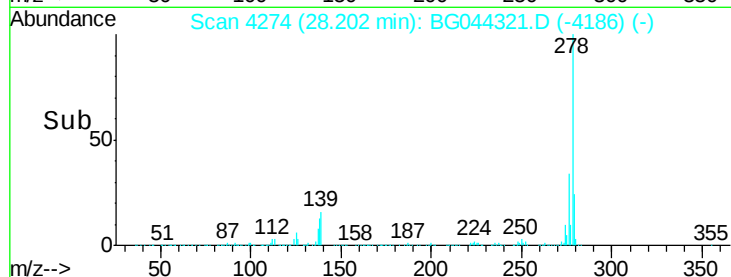


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 49.840 ng

RT: 29.24 min Scan# 4450

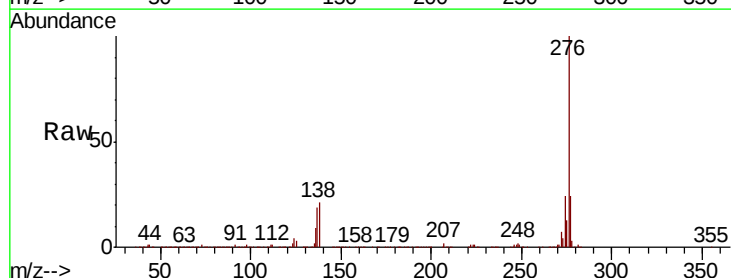
Delta R.T. -0.02 min

Lab File: BG044321.D

Acq: 6 Feb 2020 13:57

Tgt Ion:276 Resp: 1286434

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.8	28.2
138	21.0	16.2	24.2



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

