

Data File : BG044183.D
Acq On : 24 Jan 2020 15:48
Operator : CG/JU
Sample : PB126320BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126320BS

Quant Time: Jan 25 05:34:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	75265	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	323243	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	216546	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	465575	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	401084	20.00	ng	-0.03
87) Perylene-d12	24.66	264	456207	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	608441	148.43	ng	-0.03
7) Phenol-d6	7.10	99	815855	142.39	ng	-0.02
23) Nitrobenzene-d5	9.08	82	432991	71.66	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	309695	136.66	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	979501	81.95	ng	-0.03
79) Terphenyl-d14	19.92	244	1442156	87.32	ng	-0.03

Target Compounds					Qvalue
2) 1,4-Dioxane	3.39	88	87599	49.012 ng	95
3) Pyridine	3.78	79	184577	34.958 ng	95
4) n-Nitrosodimethylamine	3.70	42	95558	40.650 ng	# 98
6) Aniline	7.25	93	239827	31.867 ng	97
8) 2-Chlorophenol	7.50	128	237657	49.385 ng	96
9) Benzaldehyde	7.06	77	118868	32.414 ng	97
10) Phenol	7.13	94	292433	49.535 ng	99
11) bis(2-Chloroethyl)ether	7.34	93	214463	42.085 ng	98
12) 1,3-Dichlorobenzene	7.82	146	236018	41.911 ng	100
13) 1,4-Dichlorobenzene	7.96	146	238279	42.884 ng	99
14) 1,2-Dichlorobenzene	8.28	146	225546	42.291 ng	99
15) Benzyl Alcohol	8.17	79	193724	42.839 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	288806	36.632 ng	98
17) 2-Methylphenol	8.38	107	203527	47.640 ng	97
18) Hexachloroethane	9.01	117	89676	41.477 ng	97
19) n-Nitroso-di-n-propylamine	8.73	70	171159	40.111 ng	97
20) 3+4-Methylphenols	8.70	107	279295	46.863 ng	96
22) Acetophenone	8.75	105	323117	40.208 ng	# 97
24) Nitrobenzene	9.12	77	247250	41.315 ng	99
25) Isophorone	9.65	82	470525	41.507 ng	99
26) 2-Nitrophenol	9.84	139	130163	45.972 ng	96
27) 2,4-Dimethylphenol	9.91	122	228117	53.523 ng	98
28) bis(2-Chloroethoxy)methane	10.14	93	302338	40.005 ng	99
29) 2,4-Dichlorophenol	10.38	162	233745	45.977 ng	98
30) 1,2,4-Trichlorobenzene	10.59	180	231832	40.670 ng	99
31) Naphthalene	10.78	128	704811	45.058 ng	98
32) Benzoic acid	10.05	122	92527	29.442 ng	91
33) 4-Chloroaniline	10.89	127	164895	22.102 ng	97
34) Hexachlorobutadiene	11.08	225	133746	38.429 ng	98
35) Caprolactam	11.65	113	66355	35.061 ng	93
36) 4-Chloro-3-methylphenol	12.02	107	250923	46.363 ng	96
37) 2-Methylnaphthalene	12.39	142	526377	44.697 ng	97
38) 1-Methylnaphthalene	12.61	142	504858	45.233 ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	251300	39.594 ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	318901	96.915	ng	99
43) 2,4,6-Trichlorophenol	13.00	196	182801	41.857	ng	97
44) 2,4,5-Trichlorophenol	13.07	196	195104	43.315	ng	99
46) 1,1'-Biphenyl	13.40	154	664922	42.826	ng	100
47) 2-Chloronaphthalene	13.44	162	523769	41.748	ng	97
48) 2-Nitroaniline	13.64	65	155791	38.603	ng	97
49) Acenaphthylene	14.28	152	834543	46.280	ng	97
50) Dimethylphthalate	14.02	163	658873	42.852	ng	98
51) 2,6-Dinitrotoluene	14.13	165	150216	43.225	ng	99
52) Acenaphthene	14.63	154	524552	41.480	ng	99
53) 3-Nitroaniline	14.46	138	109896	27.847	ng	99
54) 2,4-Dinitrophenol	14.67	184	134479	76.234	ng	96
55) Dibenzofuran	14.97	168	801611	46.047	ng	97
56) 4-Nitrophenol	14.78	139	277766	91.848	ng	96
57) 2,4-Dinitrotoluene	14.92	165	212937	45.030	ng	98
58) Fluorene	15.61	166	635577	46.063	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.19	232	175942	45.426	ng	97
60) Diethylphthalate	15.39	149	679549	44.188	ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	324222	43.274	ng	97
62) 4-Nitroaniline	15.63	138	155694	39.950	ng	95
63) Azobenzene	15.90	77	644368	45.181	ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	116454	48.497	ng	97
66) n-Nitrosodiphenylamine	15.82	169	586483	42.776	ng	98
67) 4-Bromophenyl-phenylether	16.50	248	208308	39.782	ng	97
68) Hexachlorobenzene	16.62	284	227308	40.287	ng	98
69) Atrazine	16.77	200	217607	48.827	ng	99
70) Pentachlorophenol	16.96	266	234469	75.385	ng	99
71) Phenanthrene	17.35	178	1010410	45.246	ng	97
72) Anthracene	17.44	178	1034166	46.859	ng	97
73) Carbazole	17.71	167	922476	45.250	ng	96
74) Di-n-butylphthalate	18.28	149	1143242	43.923	ng	96
75) Fluoranthene	19.36	202	1156719	45.292	ng	96
77) Benzidine	19.54	184	464117	46.036	ng	98
78) Pyrene	19.72	202	1166937	44.573	ng	95
80) Butylbenzylphthalate	20.61	149	530062	42.527	ng	96
81) Benzo(a)anthracene	21.54	228	1105858	44.465	ng	97
82) 3,3'-Dichlorobenzidine	21.46	252	310516	31.603	ng	98
83) Chrysene	21.60	228	1059083	44.817	ng	96
84) Bis(2-ethylhexyl)phthalate	21.46	149	750251	43.624	ng	97
85) Di-n-octyl phthalate	22.63	149	1307293	45.215	ng	97
86) Indeno(1,2,3-cd)pyrene	28.18	276	1368662	42.617	ng	# 89
88) Benzo(b)fluoranthene	23.68	252	1171657	43.443	ng	97
89) Benzo(k)fluoranthene	23.75	252	1139928	44.448	ng	97
90) Benzo(a)pyrene	24.52	252	1076523	42.292	ng	98
91) Dibenzo(a,h)anthracene	28.25	278	1121645	43.876	ng	97
92) Benzo(g,h,i)perylene	29.28	276	1141019	44.934	ng	97

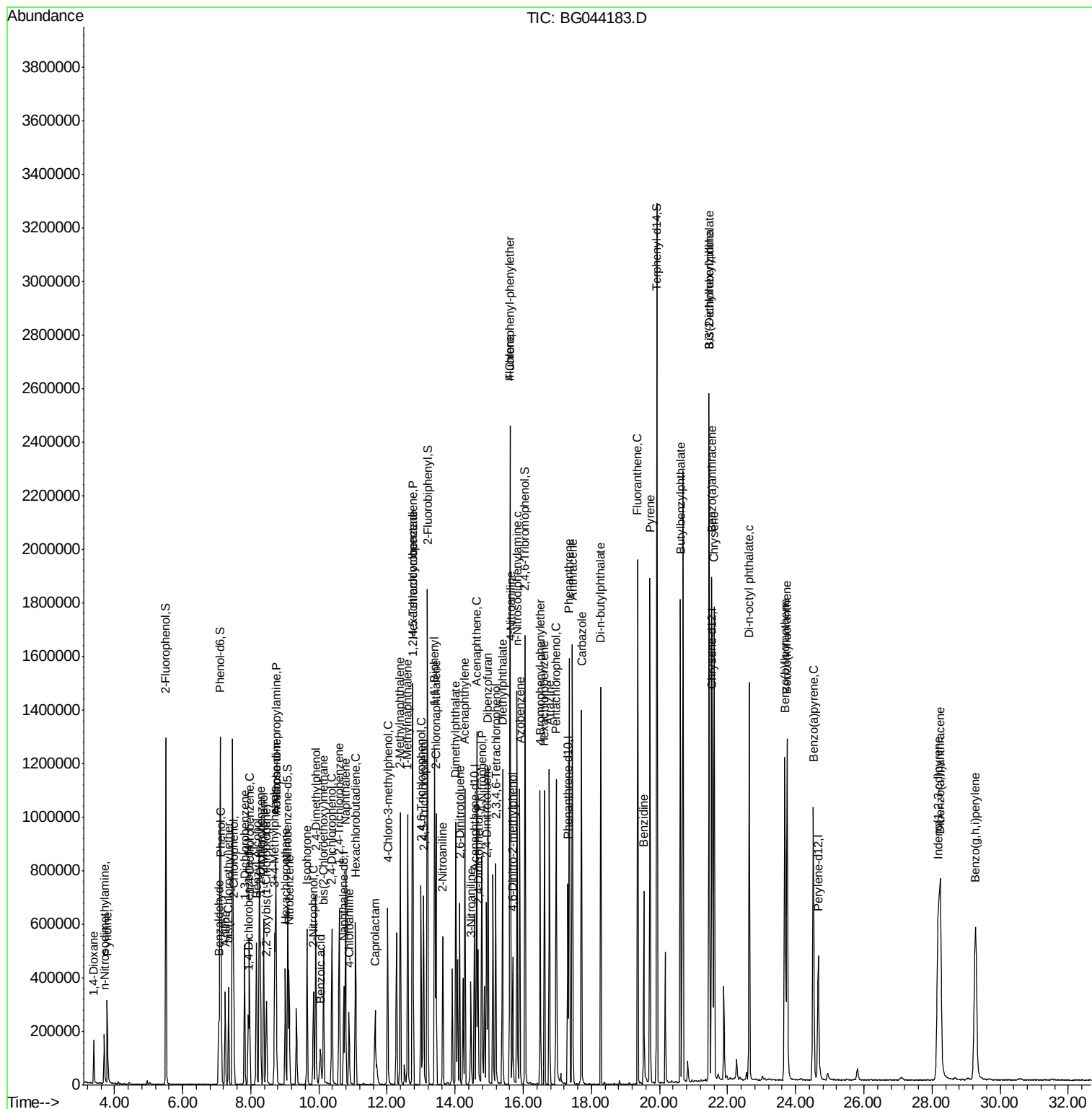
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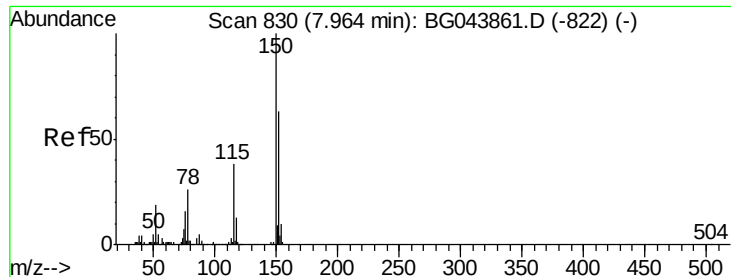
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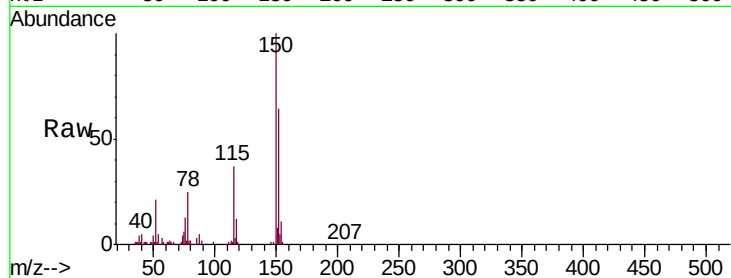


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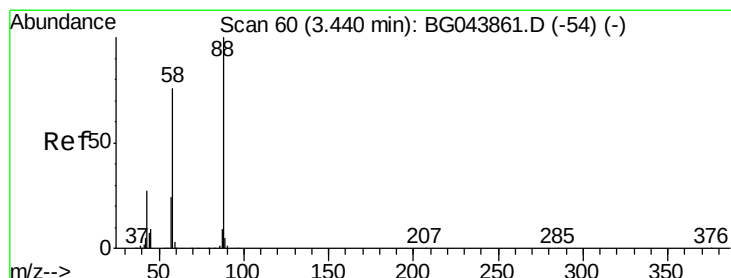
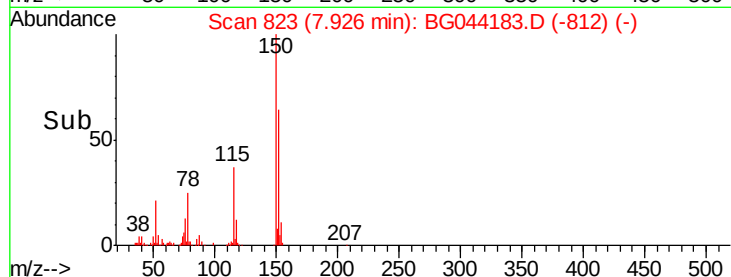
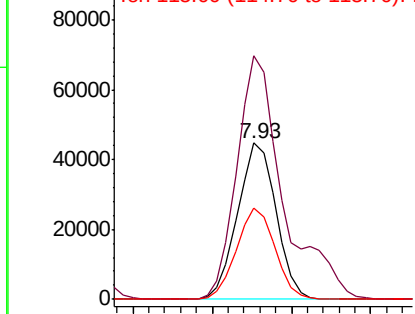
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 823
Delta R.T. -0.04 min
Lab File: BG044183.D
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Instrument :
BNA_G
ClientSampleId :
PB126320BS

Tgt Ion:152 Resp: 75265
Ion Ratio Lower Upper
152 100
150 155.6 127.0 190.4
115 58.0 47.8 71.8



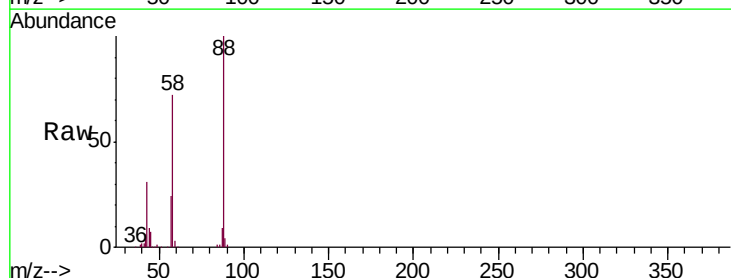
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



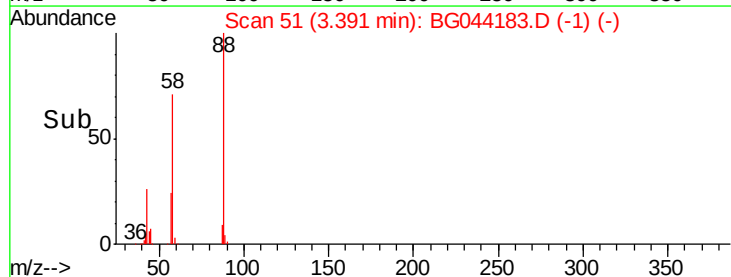
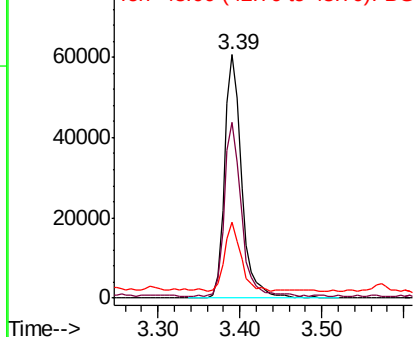
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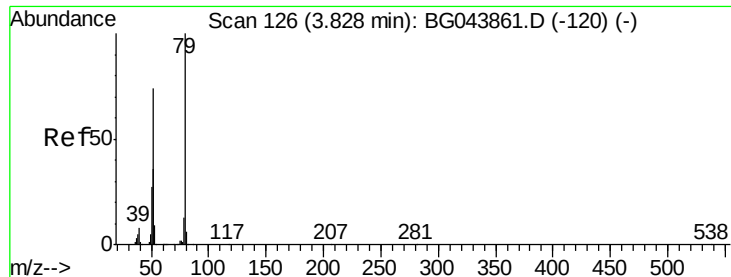
1,4-Dioxane
Concen: 49.012 ng
RT: 3.39 min Scan# 51
Delta R.T. -0.05 min
Lab File: BG044183.D
Acq: 24 Jan 2020 15:48

Tgt Ion: 88 Resp: 87599
Ion Ratio Lower Upper
88 100
58 70.5 59.8 89.8
43 26.9 22.9 34.3



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 34.958 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.04 min

Lab File: BG044183.D

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Instrument :

BNA_G

ClientSampleId :

PB126320BS

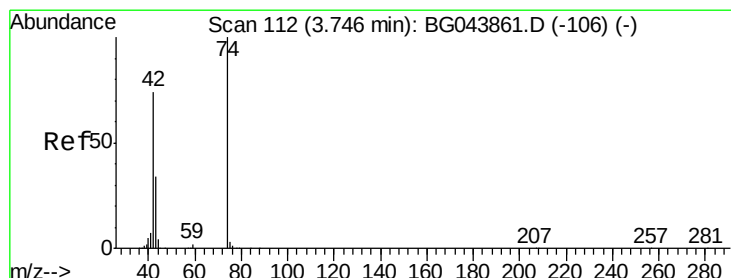
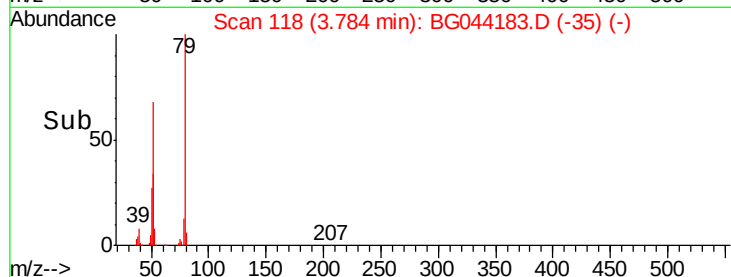
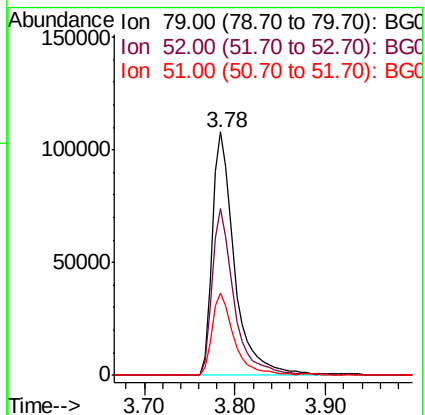
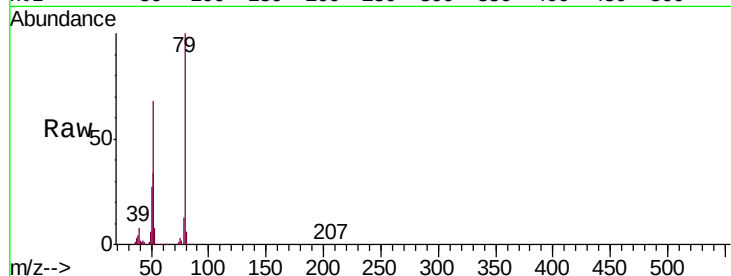
Tgt Ion: 79 Resp: 184577

Ion Ratio Lower Upper

79 100

52 68.4 58.9 88.3

51 34.0 28.6 43.0



#4

n-Nitrosodimethylamine

Concen: 40.650 ng

RT: 3.70 min Scan# 104

Delta R.T. -0.04 min

Lab File: BG044183.D

Acq: 24 Jan 2020 15:48

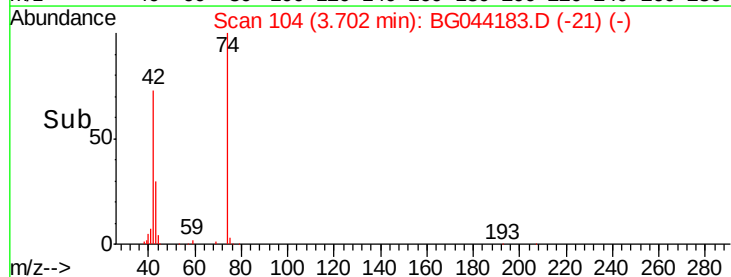
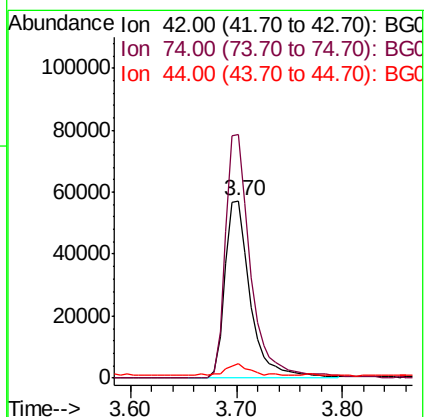
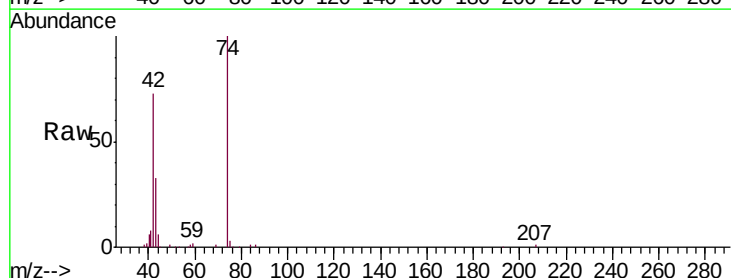
Tgt Ion: 42 Resp: 95558

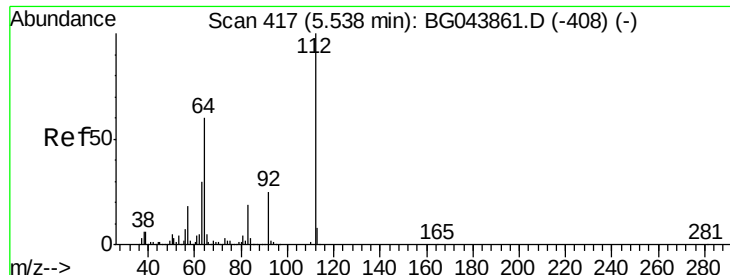
Ion Ratio Lower Upper

42 100

74 137.2 108.6 162.8

44 8.4 5.0 7.6#





#5

2-Fluorophenol

Concen: 148.432 ng

RT: 5.51 min Scan# 411

Delta R.T. -0.03 min

Lab File: BG044183.D

Acq: 24 Jan 2020 15:48

Instrument :

BNA_G

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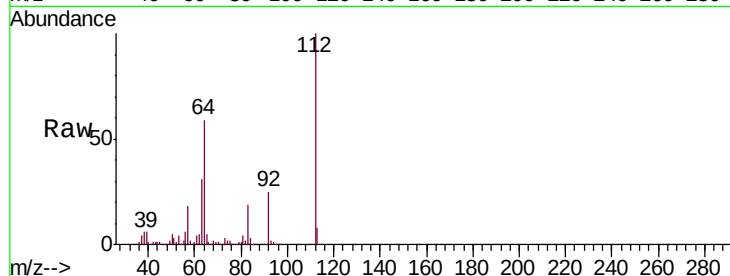
Tgt Ion: 112 Resp: 608441

Ion Ratio Lower Upper

112 100

64 58.8 47.8 71.6

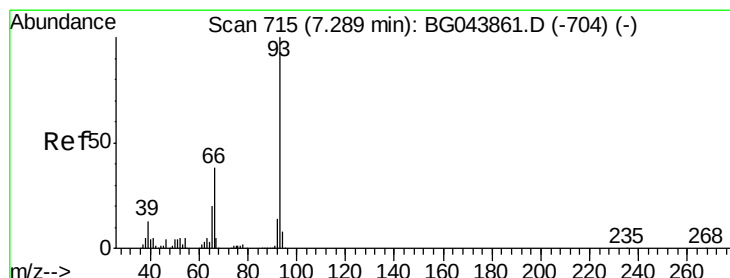
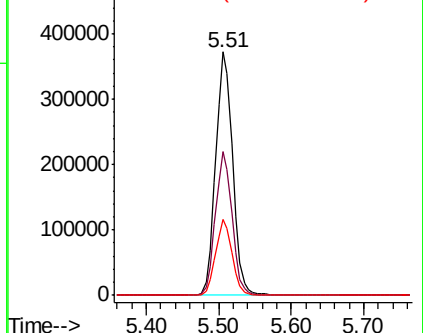
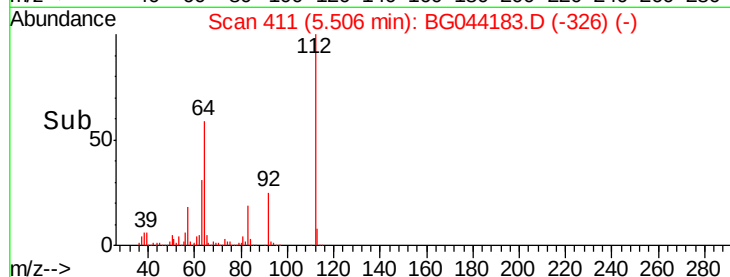
63 31.3 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 31.867 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.04 min

Lab File: BG044183.D

Acq: 24 Jan 2020 15:48

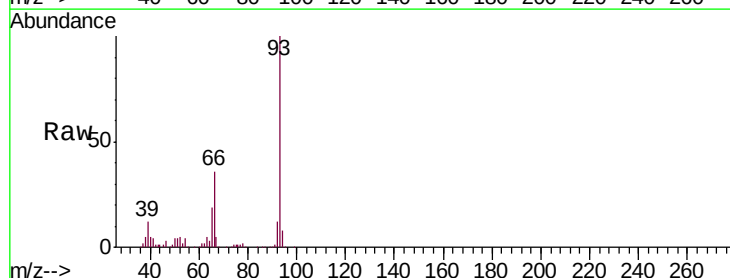
Tgt Ion: 93 Resp: 239827

Ion Ratio Lower Upper

93 100

66 36.5 30.8 46.2

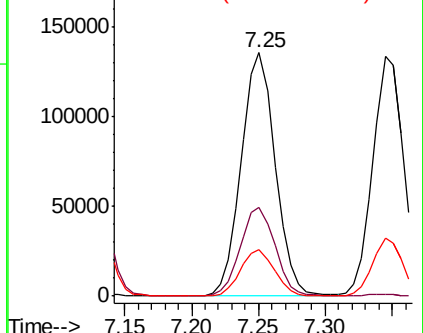
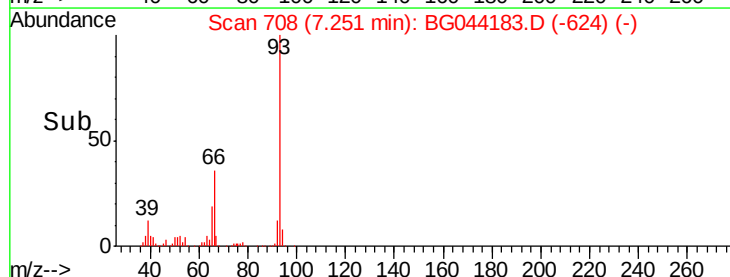
65 19.2 16.0 24.0

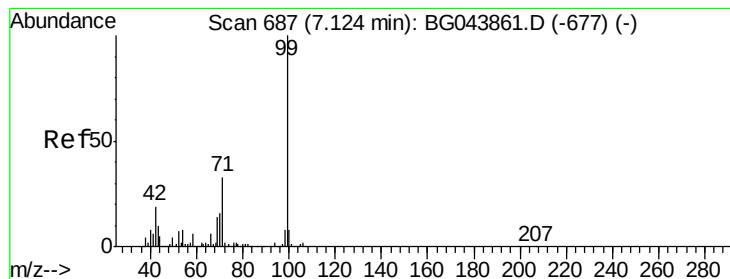


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 142.387 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

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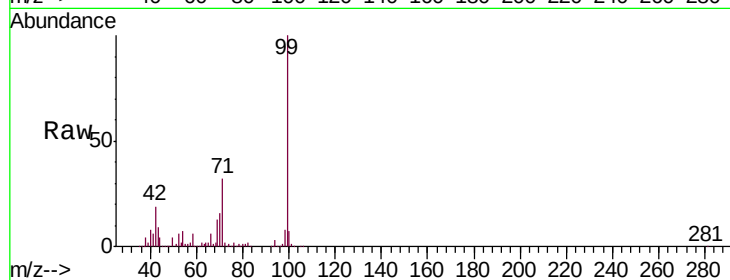
Tgt Ion: 99 Resp: 815855

Ion Ratio Lower Upper

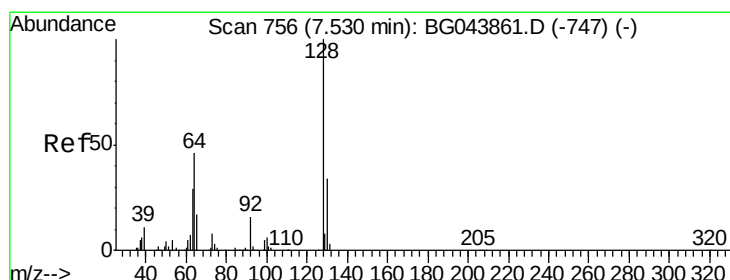
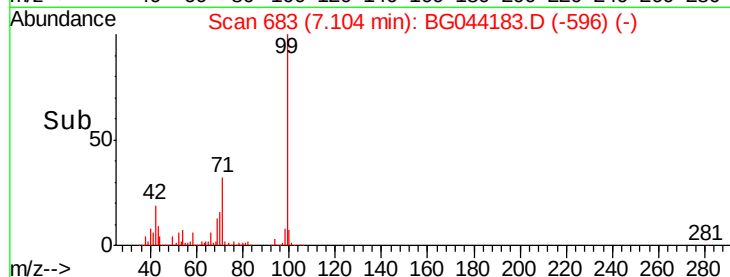
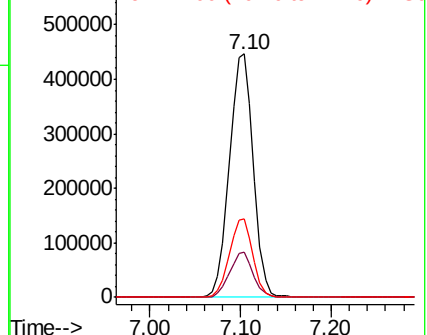
99 100

42 18.8 14.9 22.3

71 32.1 26.4 39.6



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



#8

2-Chlorophenol

Concen: 49.385 ng

RT: 7.50 min Scan# 750

Delta R.T. -0.03 min

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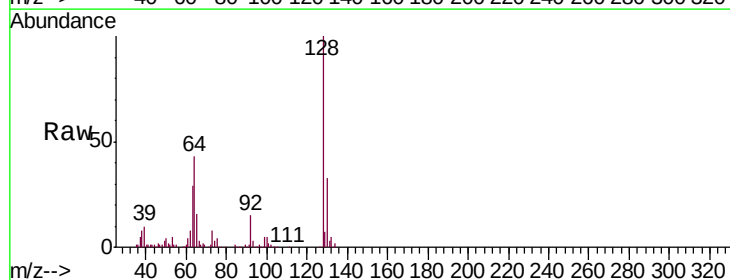
Tgt Ion: 128 Resp: 237657

Ion Ratio Lower Upper

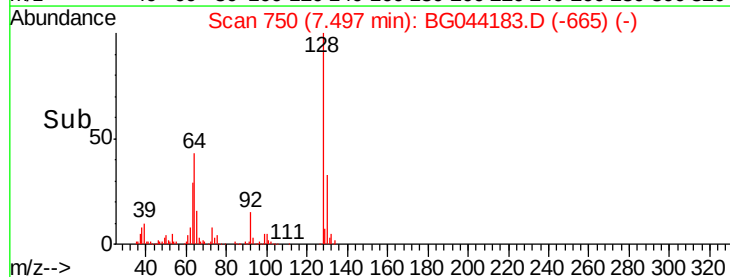
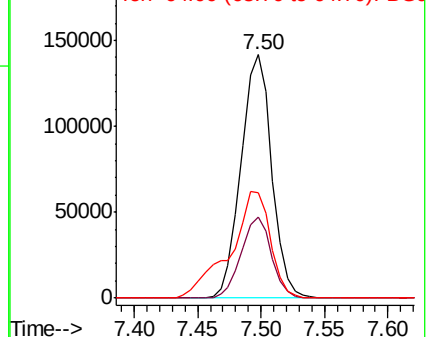
128 100

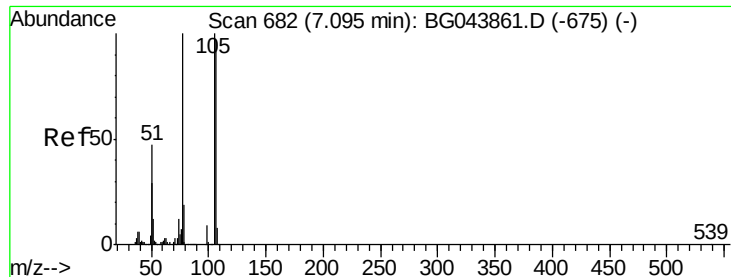
130 33.3 13.8 53.8

64 43.4 27.6 67.6



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





#9

Benzaldehyde

Concen: 32.414 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.03 min

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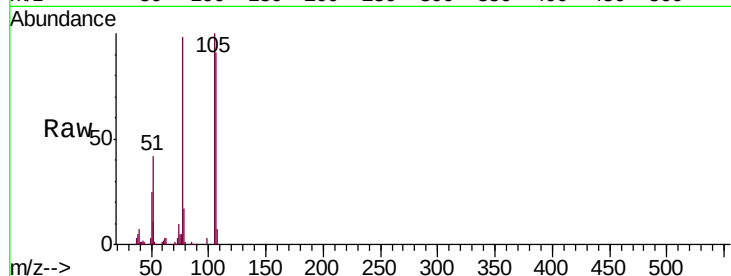
Tgt Ion: 77 Resp: 118868

Ion Ratio Lower Upper

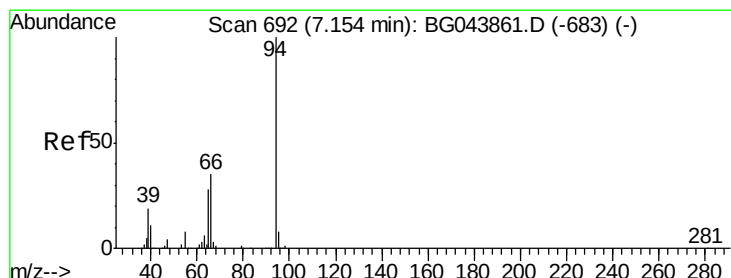
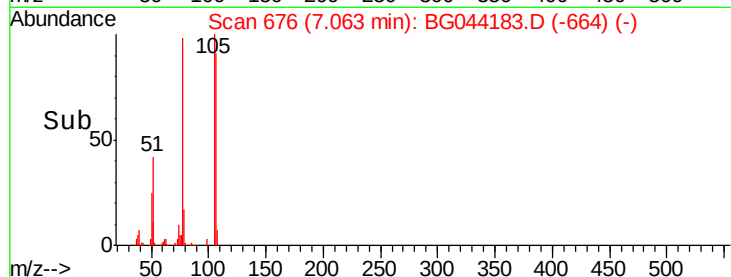
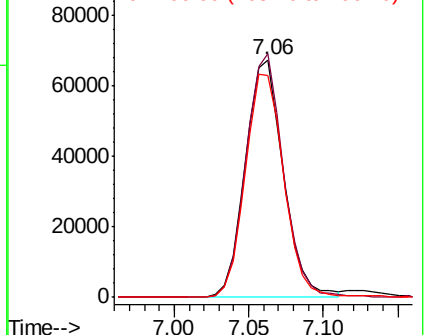
77 100

105 102.5 80.2 120.2

106 93.3 77.2 117.2



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



#10

Phenol

Concen: 49.535 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.03 min

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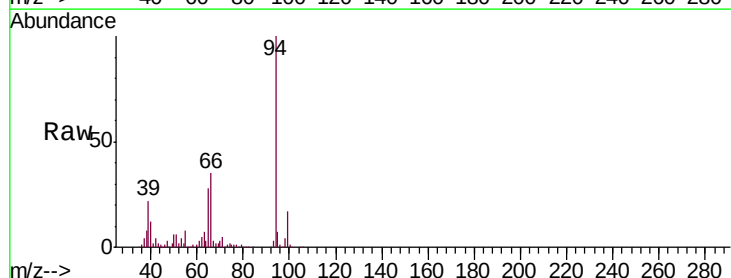
Tgt Ion: 94 Resp: 292433

Ion Ratio Lower Upper

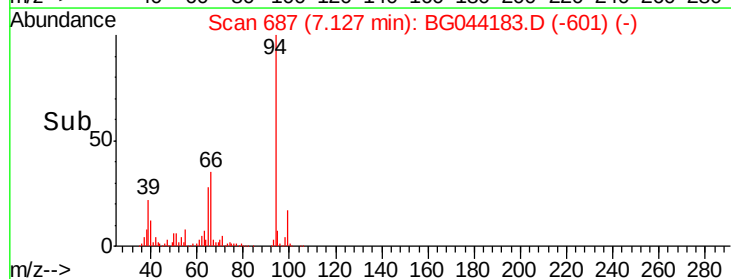
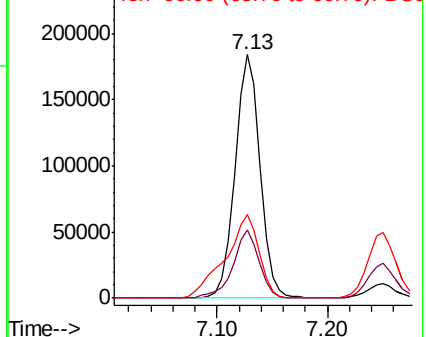
94 100

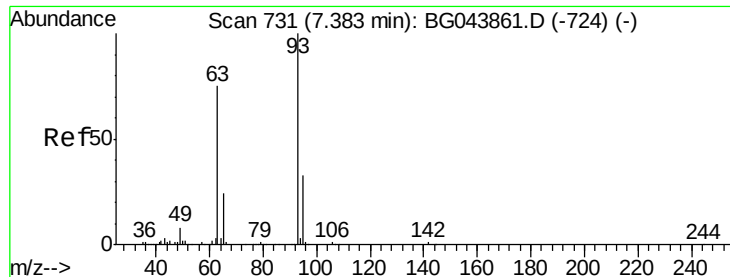
65 27.8 8.1 48.1

66 34.5 15.6 55.6



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

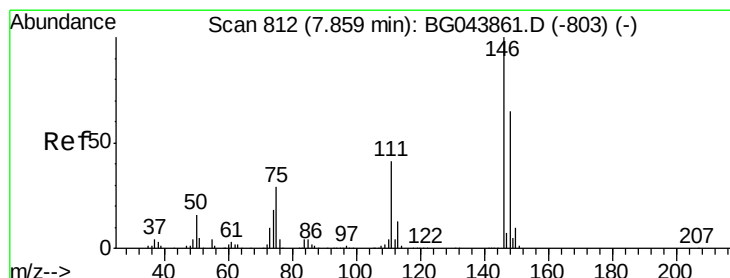
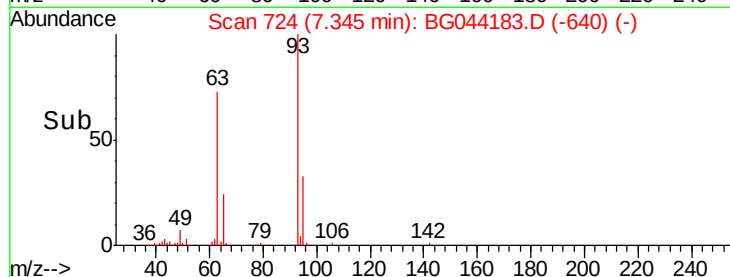
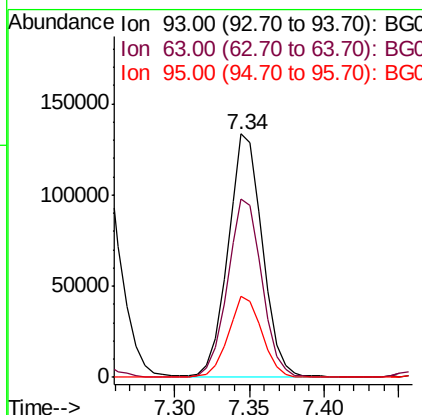
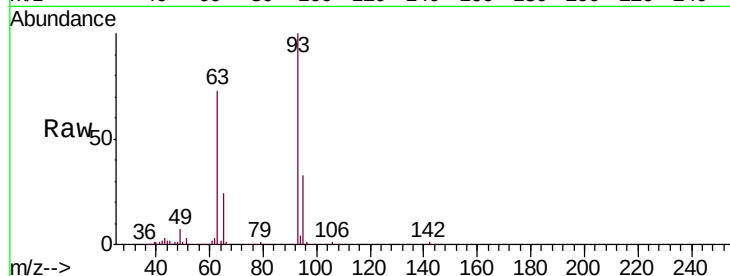




#11
bis(2-Chloroethyl)ether
Concen: 42.085 ng
RT: 7.34 min Scan# 724
Delta R.T. -0.04 min
Lab File: BG044183.D
Acq: 24 Jan 2020 15:48

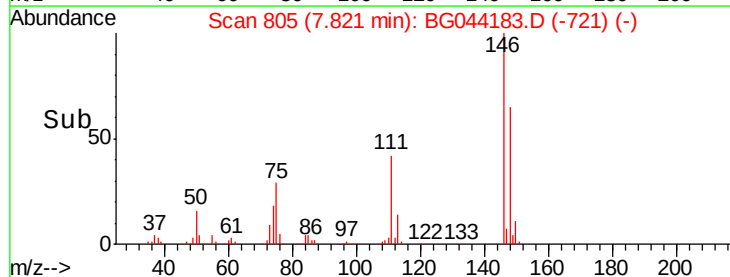
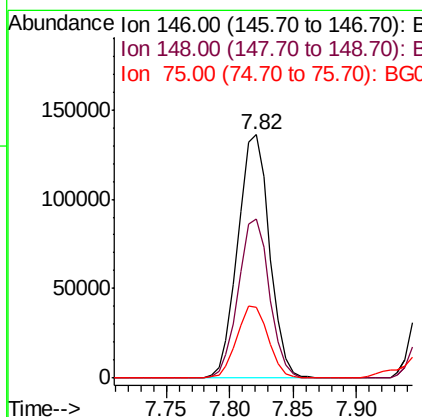
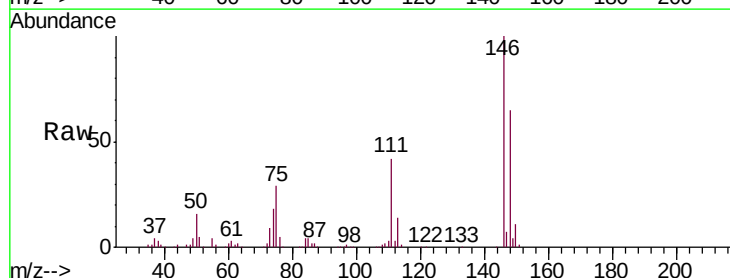
Instrument :
BNA_G
ClientSampleId :
PB126320BS

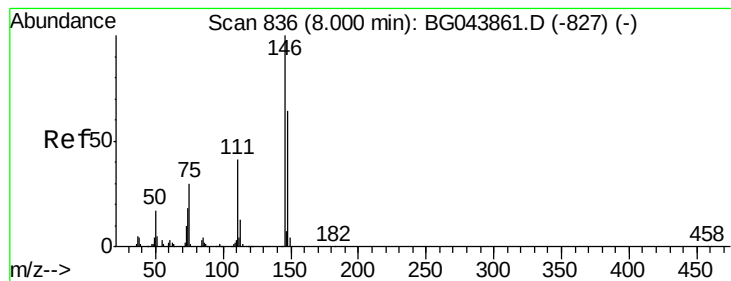
Tgt Ion: 93 Resp: 214463
Ion Ratio Lower Upper
93 100
63 73.2 55.0 95.0
95 33.5 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 41.911 ng
RT: 7.82 min Scan# 805
Delta R.T. -0.04 min
Lab File: BG044183.D
Acq: 24 Jan 2020 15:48

Tgt Ion: 146 Resp: 236018
Ion Ratio Lower Upper
146 100
148 65.2 52.1 78.1
75 29.1 23.0 34.4





#13

1,4-Dichlorobenzene

Concen: 42.884 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.04 min

Lab File: BG044183.D

Acq: 24 Jan 2020 15:48

Instrument :

BNA_G

ClientSampleId :

PB126320BS

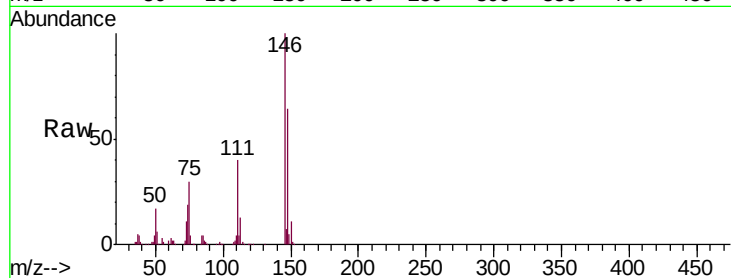
Tgt Ion:146 Resp: 238279

Ion Ratio Lower Upper

146 100

148 63.6 51.2 76.8

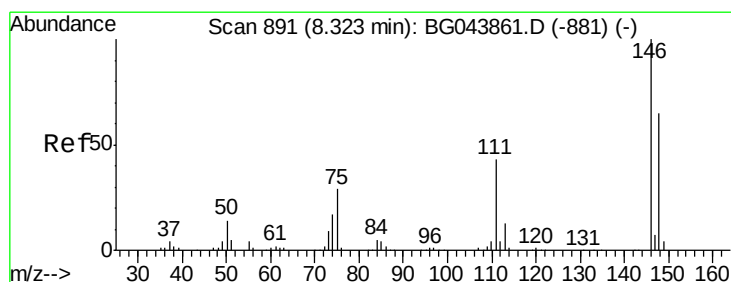
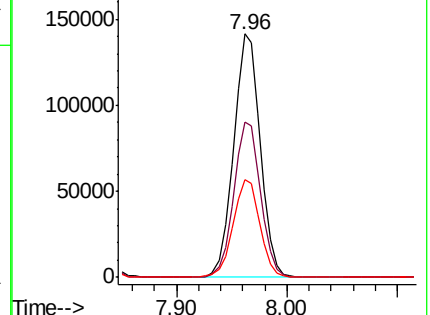
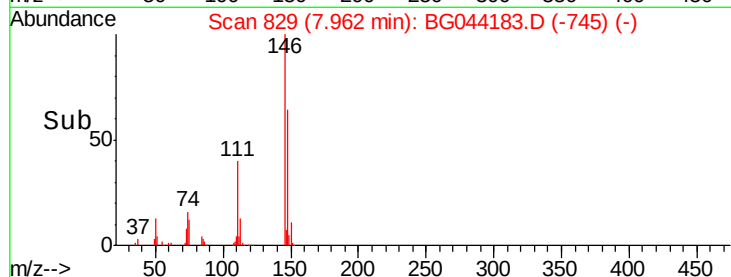
111 40.3 33.1 49.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.291 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.04 min

Lab File: BG044183.D

Acq: 24 Jan 2020 15:48

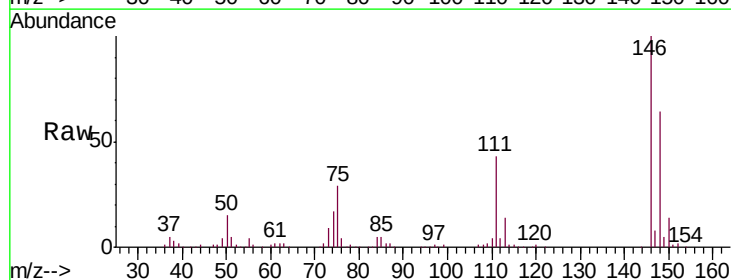
Tgt Ion:146 Resp: 225546

Ion Ratio Lower Upper

146 100

148 64.2 51.7 77.5

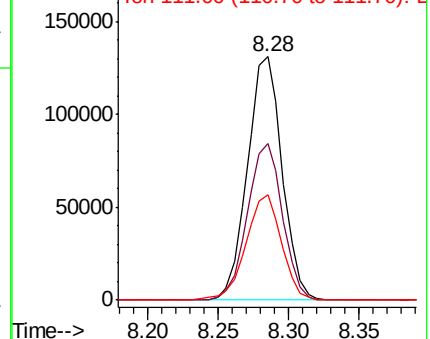
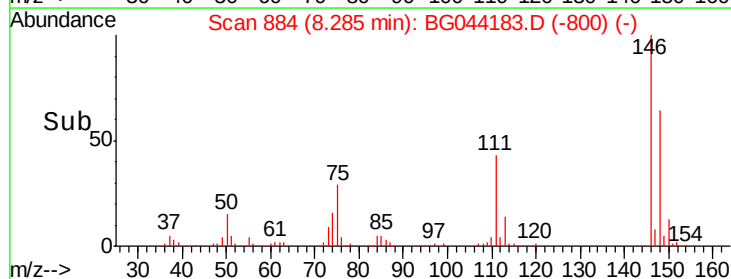
111 43.4 34.4 51.6

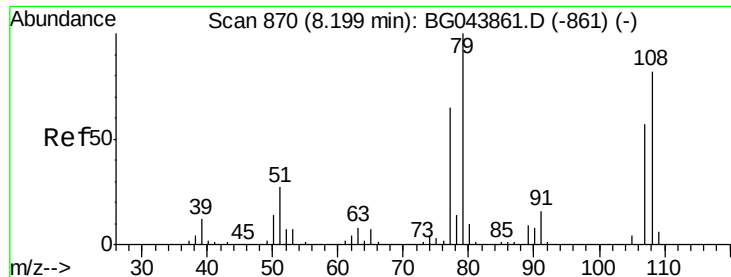


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.839 ng

RT: 8.17 min Scan# 864

Delta R.T. -0.03 min

Lab File: BG044183.D

Acq: 24 Jan 2020 15:48

Instrument :

BNA_G

ClientSampleId :

PB126320BS

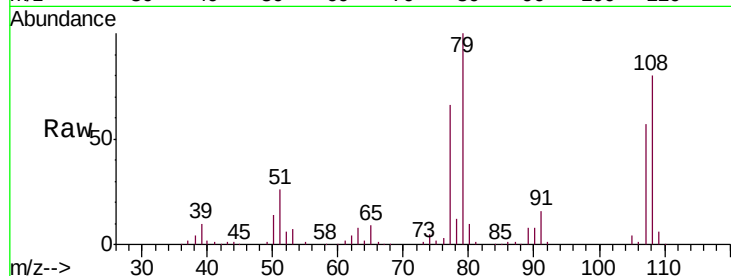
Tgt Ion: 79 Resp: 193724

Ion Ratio Lower Upper

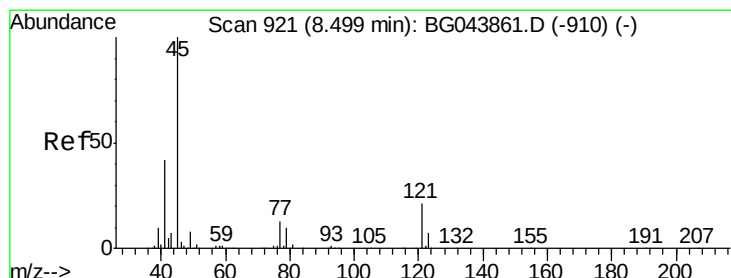
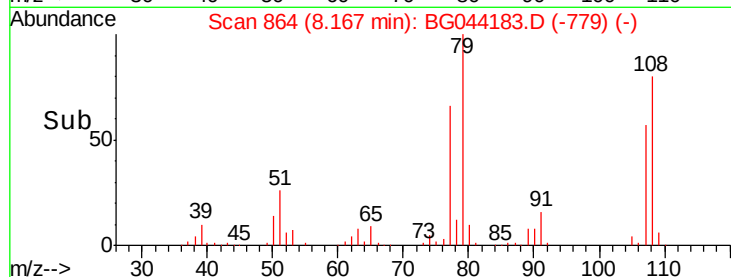
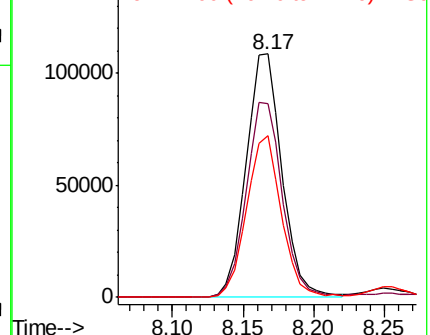
79 100

108 79.6 65.6 98.4

77 66.4 52.0 78.0



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.632 ng

RT: 8.46 min Scan# 914

Delta R.T. -0.04 min

Lab File: BG044183.D

Acq: 24 Jan 2020 15:48

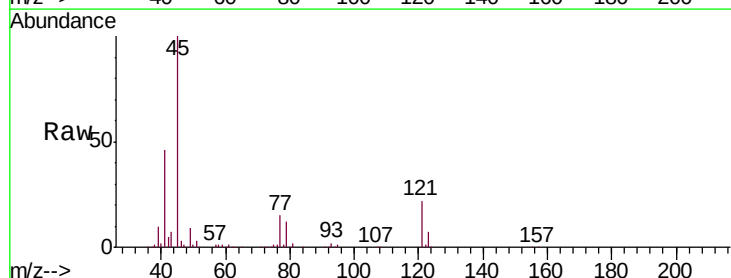
Tgt Ion: 45 Resp: 288806

Ion Ratio Lower Upper

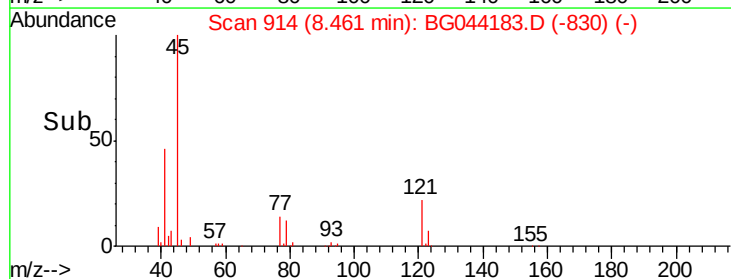
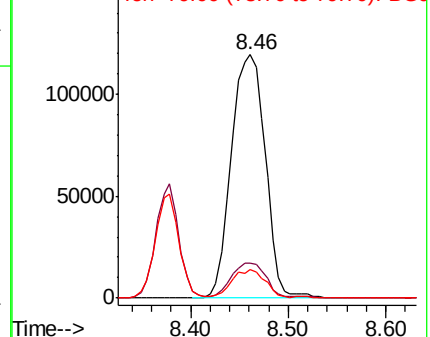
45 100

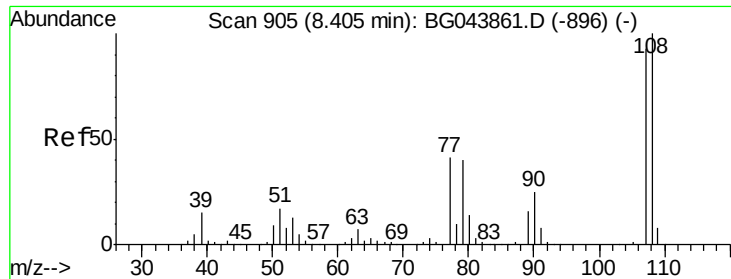
77 14.6 0.0 33.8

79 11.9 0.0 31.0



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

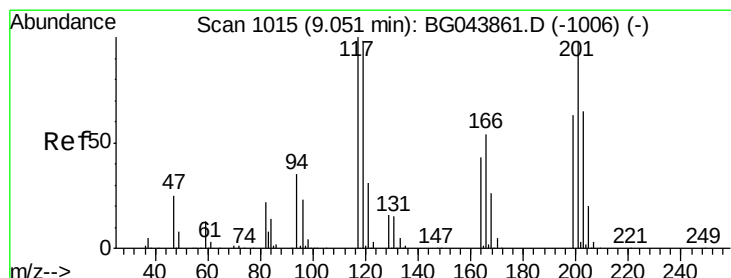
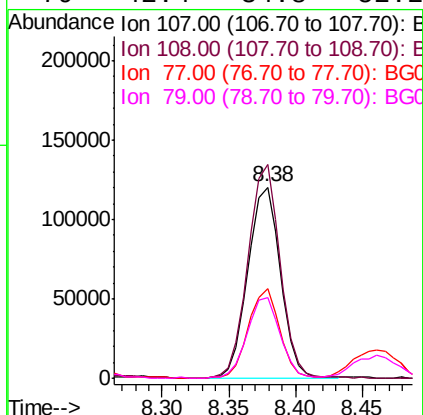
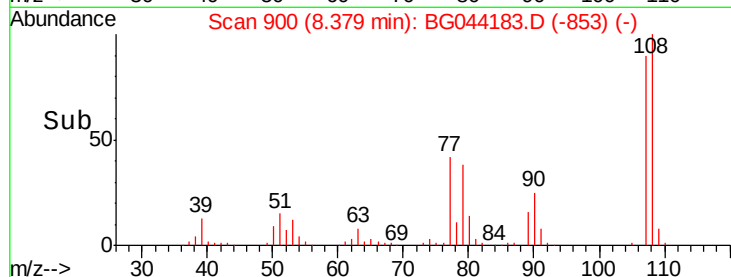
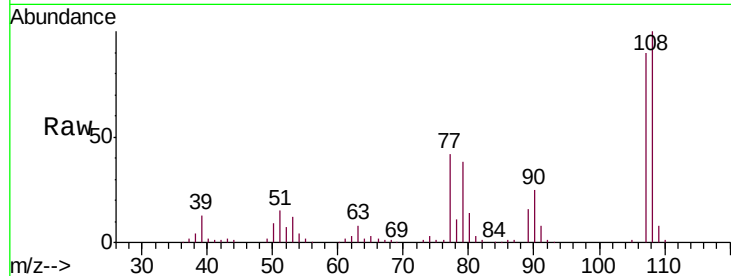




#17
2-Methylphenol
Concen: 47.640 ng
RT: 8.38 min Scan# 900
Delta R.T. -0.03 min
Lab File: BG044183.D
Acq: 24 Jan 2020 15:48

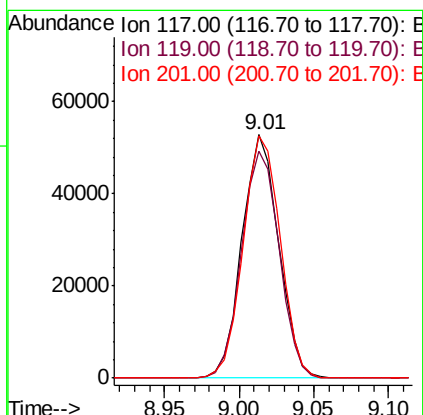
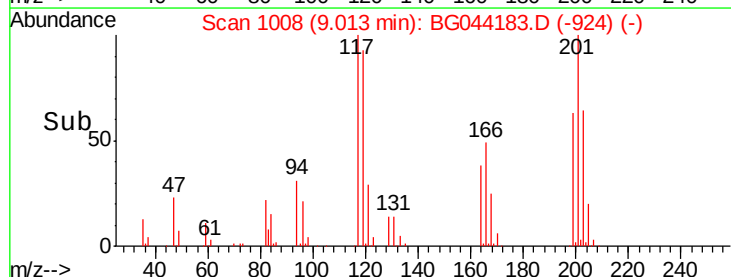
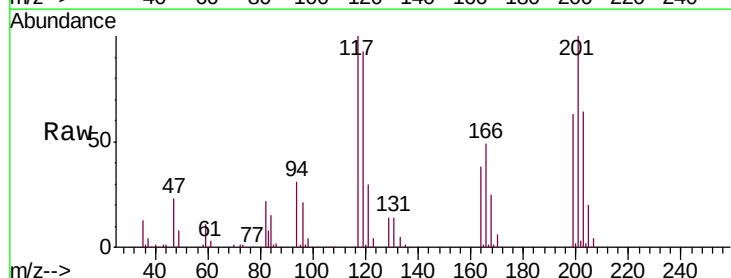
Instrument :
BNA_G
ClientSampleId :
PB126320BS

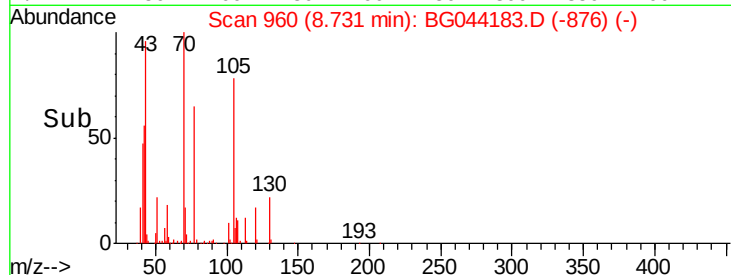
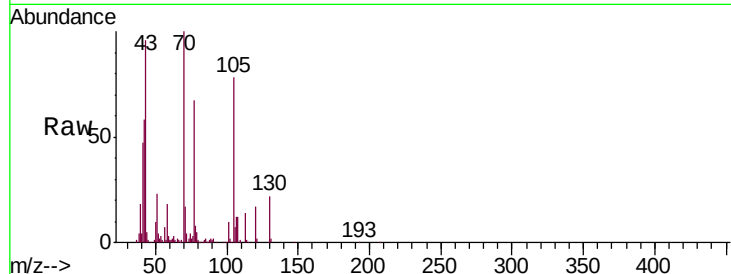
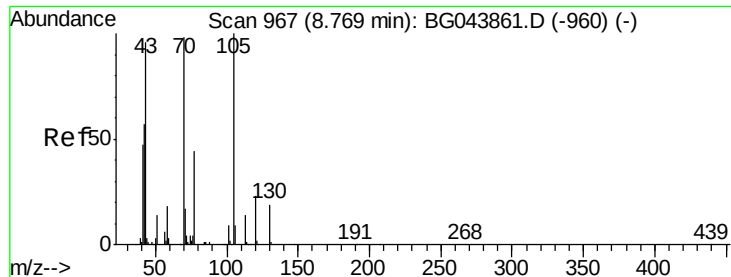
Tgt Ion:	107	Resp:	203527
Ion	Ratio	Lower	Upper
107	100		
108	111.7	86.1	129.1
77	46.8	35.4	53.0
79	42.4	34.8	52.2



#18
Hexachloroethane
Concen: 41.477 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.04 min
Lab File: BG044183.D
Acq: 24 Jan 2020 15:48

Tgt Ion:	117	Resp:	89676
Ion	Ratio	Lower	Upper
117	100		
119	93.3	78.1	117.1
201	99.7	78.6	117.8

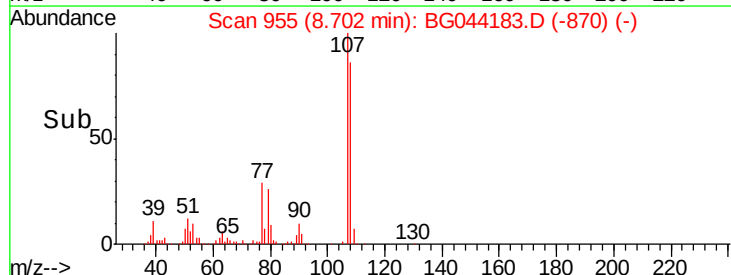
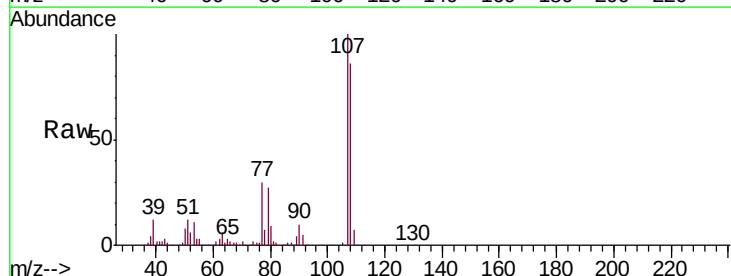
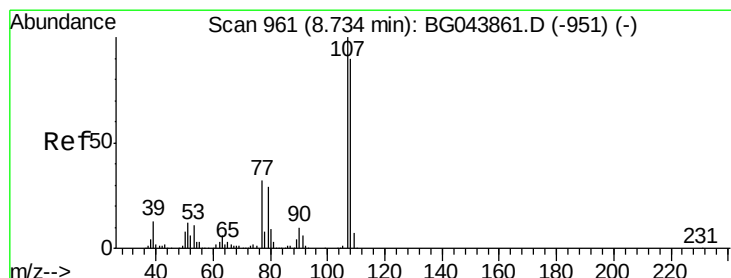
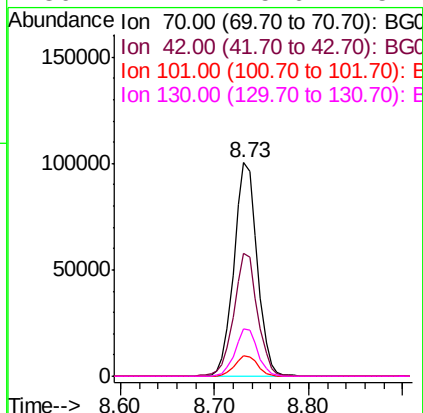




#19
n-Nitroso-di-n-propylamine
Concen: 40.111 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.04 min
Lab File: BG044183.D
Acq: 24 Jan 2020 15:48

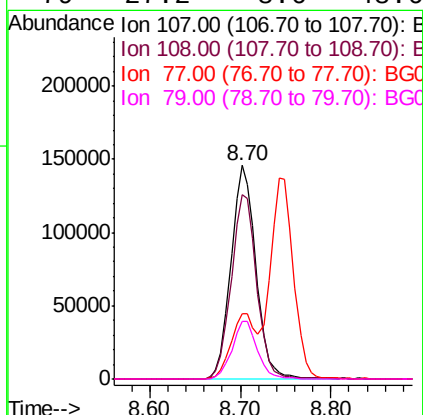
Instrument :
BNA_G
ClientSampleId :
PB126320BS

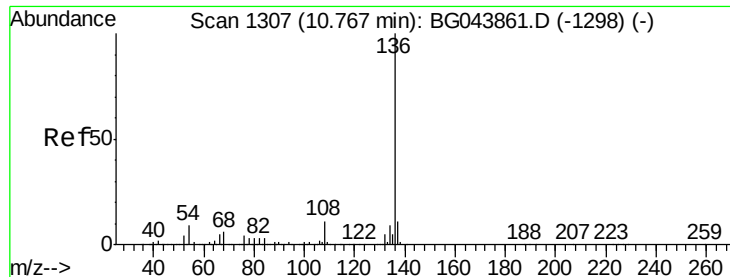
Tgt Ion:	70	Resp:	171159
Ion	Ratio	Lower	Upper
70	100		
42	57.6	47.0	70.4
101	9.8	7.2	10.8
130	22.2	15.6	23.4



#20
3+4-Methylphenols
Concen: 46.863 ng
RT: 8.70 min Scan# 955
Delta R.T. -0.03 min
Lab File: BG044183.D
Acq: 24 Jan 2020 15:48

Tgt Ion:	107	Resp:	279295
Ion	Ratio	Lower	Upper
107	100		
108	86.4	70.3	110.3
77	30.4	12.4	52.4
79	27.2	8.6	48.6

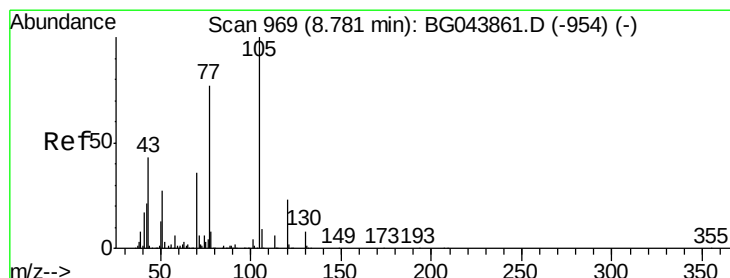
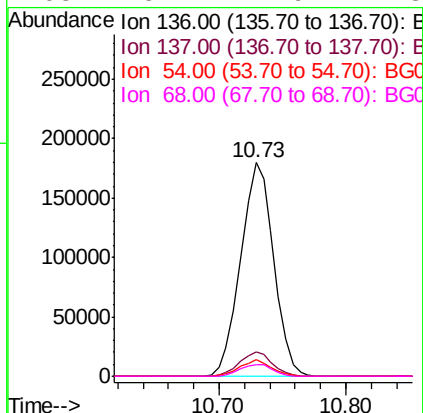
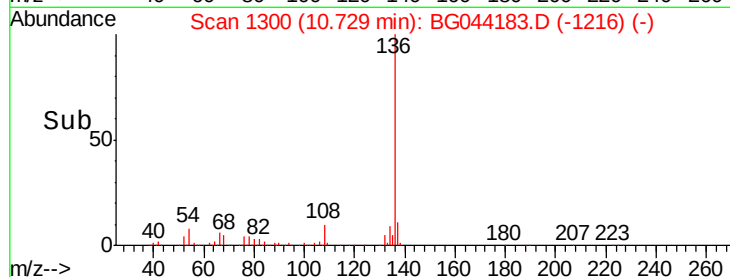
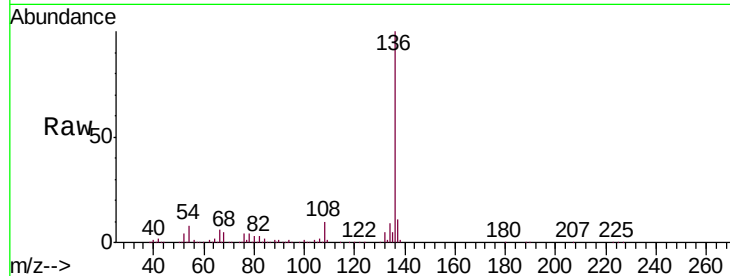




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.04 min
Lab File: BG044183.D
Acq: 24 Jan 2020 15:48

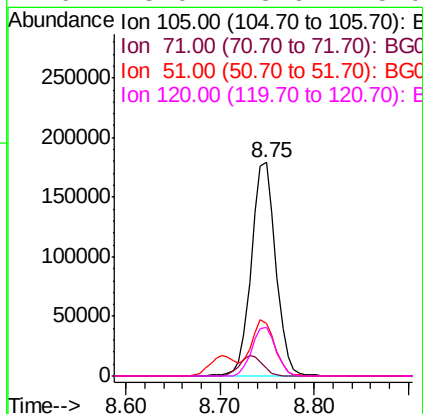
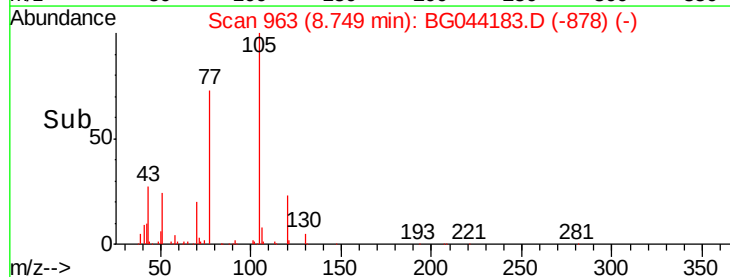
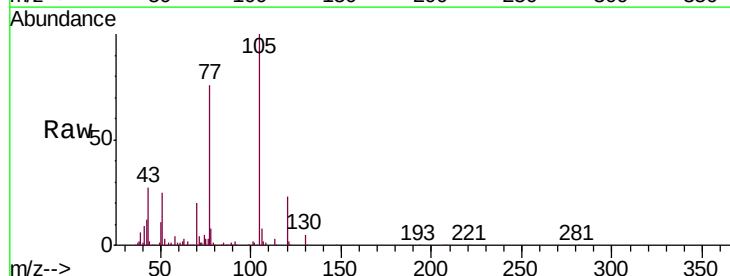
Instrument :
BNA_G
ClientSampleId :
PB126320BS

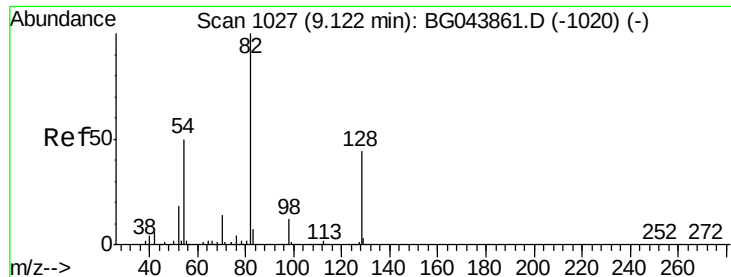
Tgt Ion:	136	Resp:	323243
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.9	7.0	10.4
68	5.4	4.9	7.3



#22
Acetophenone
Concen: 40.208 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.03 min
Lab File: BG044183.D
Acq: 24 Jan 2020 15:48

Tgt Ion:	105	Resp:	323117
Ion	Ratio	Lower	Upper
105	100		
71	3.7	4.8	7.2#
51	24.9	21.4	32.0
120	23.0	18.6	28.0

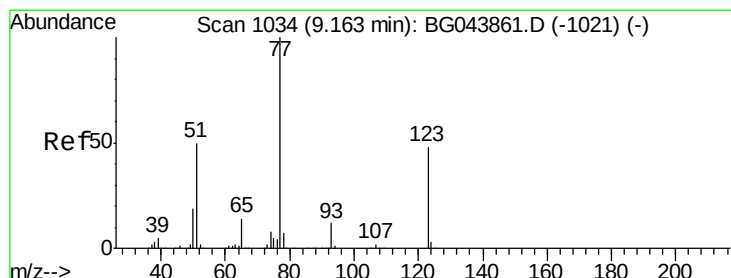
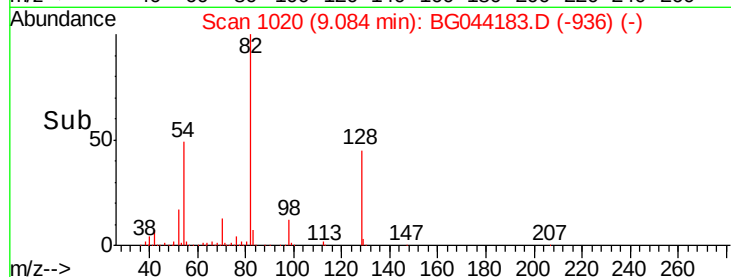
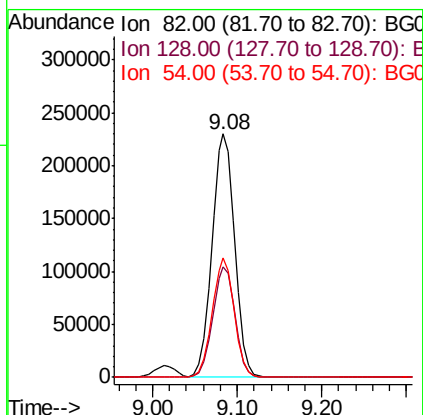
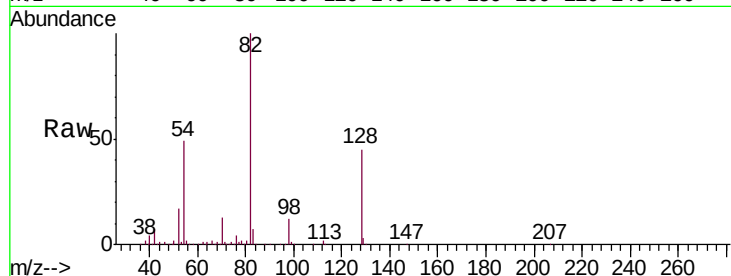




#23
 Nitrobenzene-d5
 Concen: 71.659 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.04 min
 Lab File: BG044183.D
 Acq: 24 Jan 2020 15:48

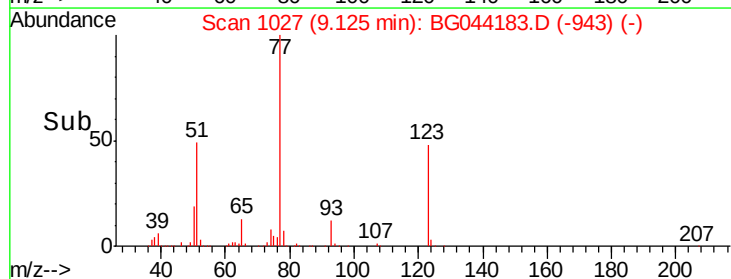
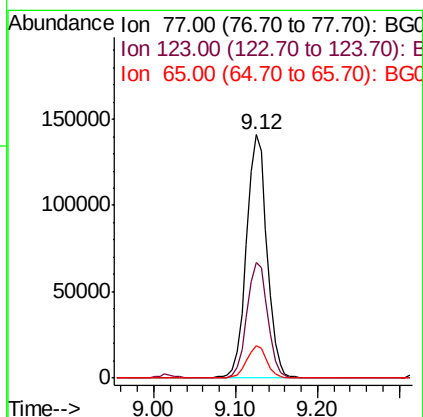
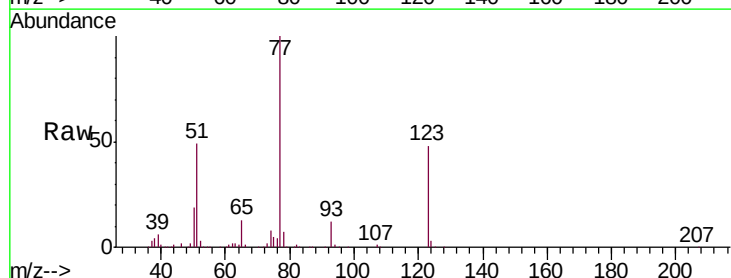
Instrument :
 BNA_G
 ClientSampleId :
 PB126320BS

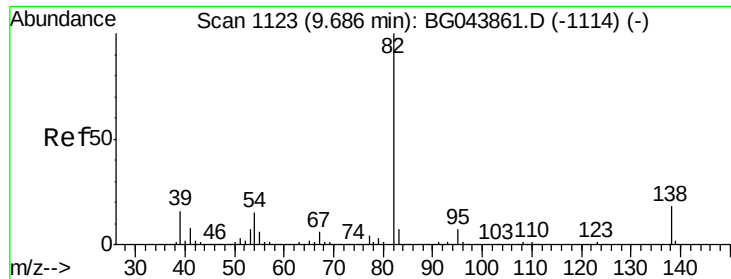
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.1	52.7
54	49.0	40.1	60.1



#24
 Nitrobenzene
 Concen: 41.315 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. -0.04 min
 Lab File: BG044183.D
 Acq: 24 Jan 2020 15:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.7	38.7	58.1
65	13.1	11.1	16.7

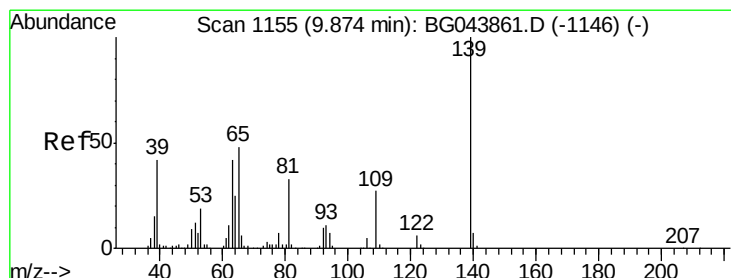
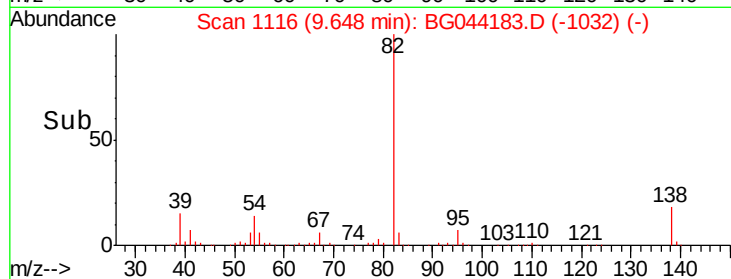
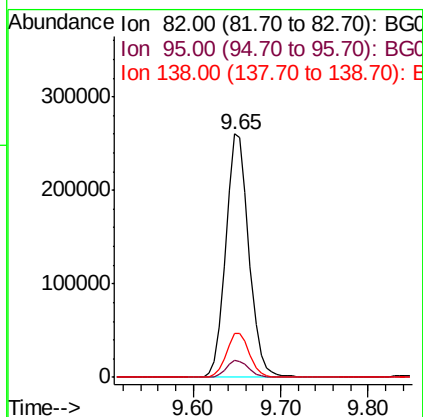
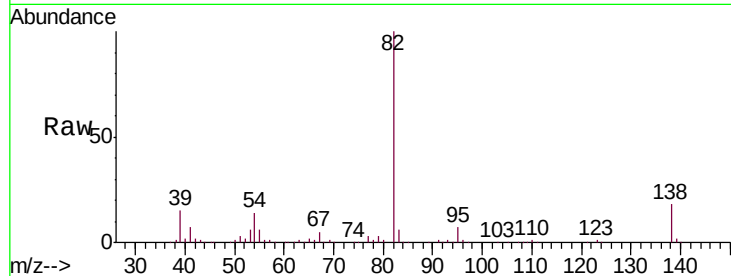




#25
Isophorone
Concen: 41.507 ng
RT: 9.65 min Scan# 1116
Delta R.T. -0.04 min
Lab File: BG044183.D
Acq: 24 Jan 2020 15:48

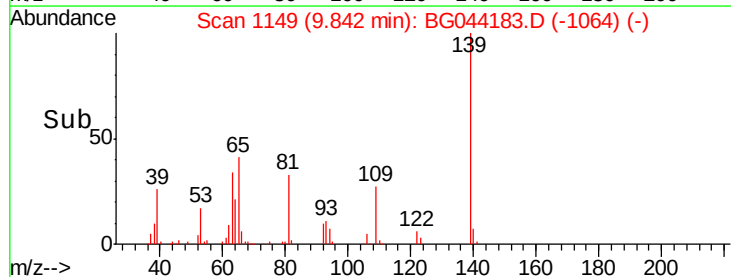
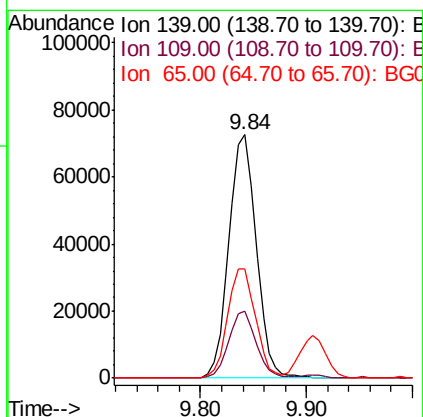
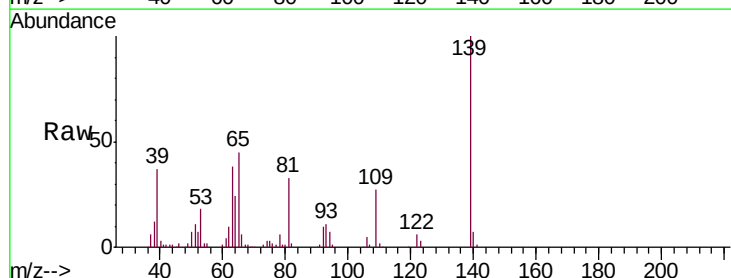
Instrument :
BNA_G
ClientSampleId :
PB126320BS

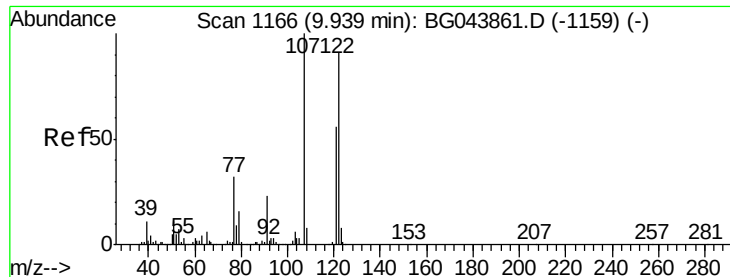
Tgt Ion: 82 Resp: 470525
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.6
138 18.1 14.6 22.0



#26
2-Nitrophenol
Concen: 45.972 ng
RT: 9.84 min Scan# 1149
Delta R.T. -0.03 min
Lab File: BG044183.D
Acq: 24 Jan 2020 15:48

Tgt Ion: 139 Resp: 130163
Ion Ratio Lower Upper
139 100
109 27.3 21.3 31.9
65 45.0 38.6 57.8

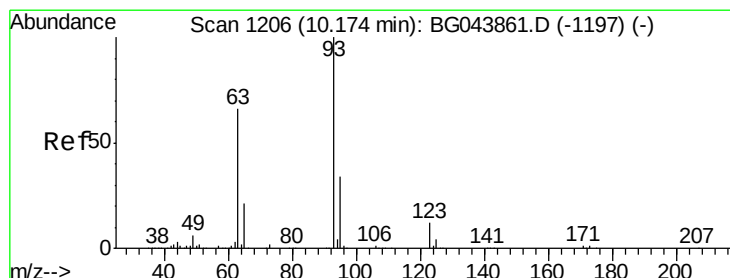
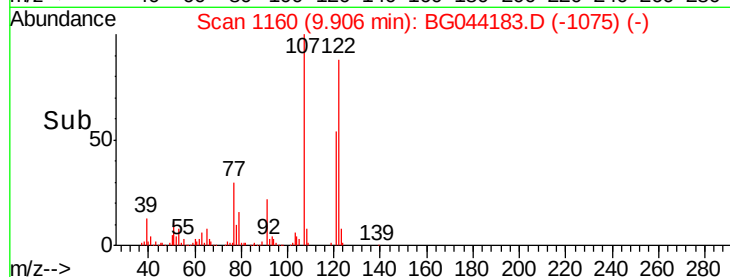
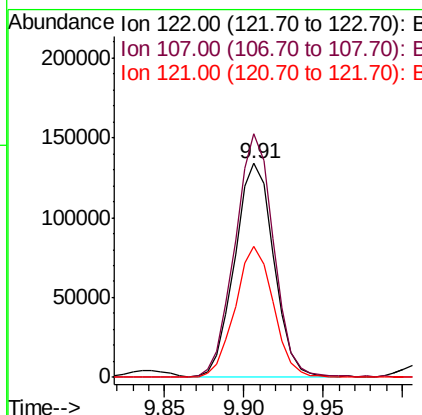
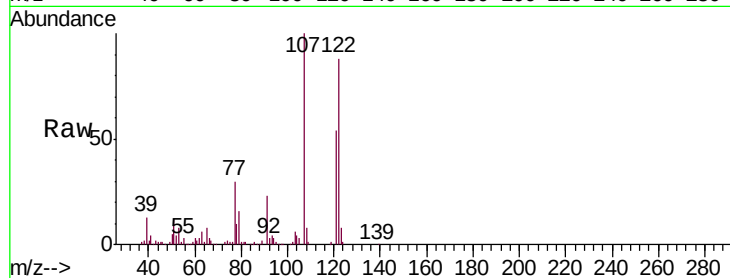




#27
2,4-Dimethylphenol
Concen: 53.523 ng
RT: 9.91 min Scan# 1160
Delta R.T. -0.03 min
Lab File: BG044183.D
Acq: 24 Jan 2020 15:48

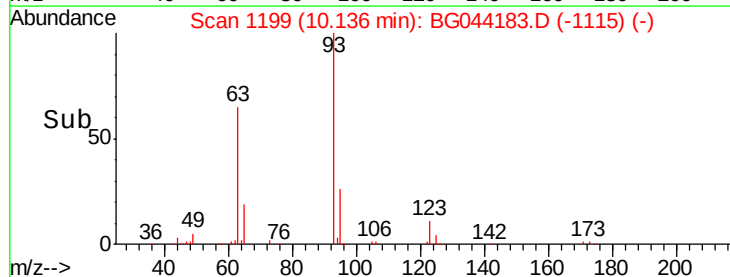
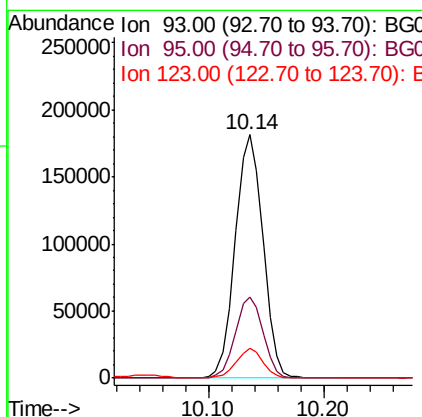
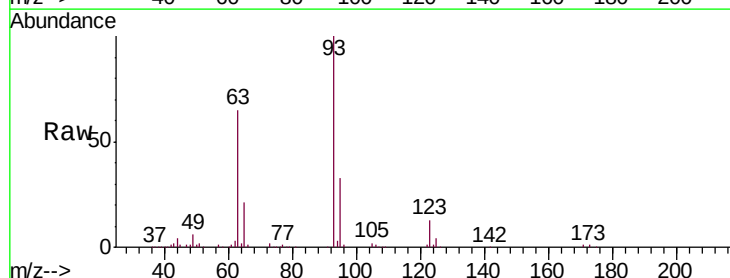
Instrument :
BNA_G
ClientSampleId :
PB126320BS

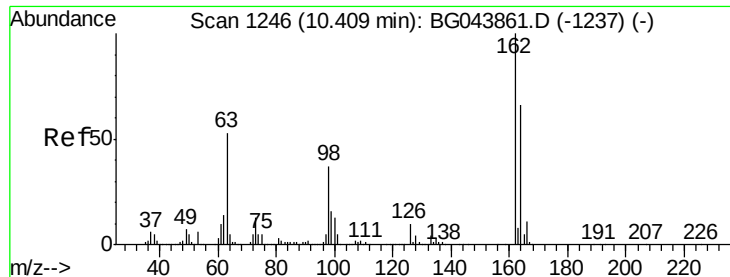
Tgt Ion	Ratio	Lower	Upper
122	100		
107	113.8	88.0	132.0
121	61.3	49.0	73.4



#28
bis(2-Chloroethoxy)methane
Concen: 40.005 ng
RT: 10.14 min Scan# 1199
Delta R.T. -0.04 min
Lab File: BG044183.D
Acq: 24 Jan 2020 15:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	27.2	40.8
123	12.5	9.7	14.5

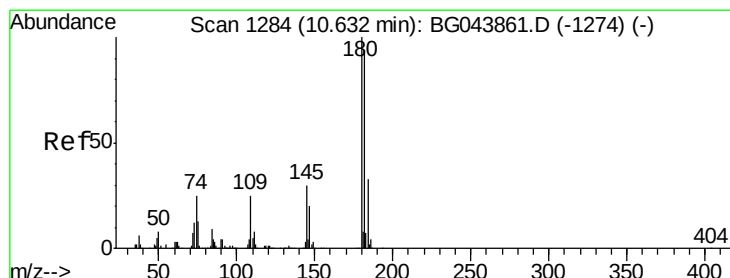
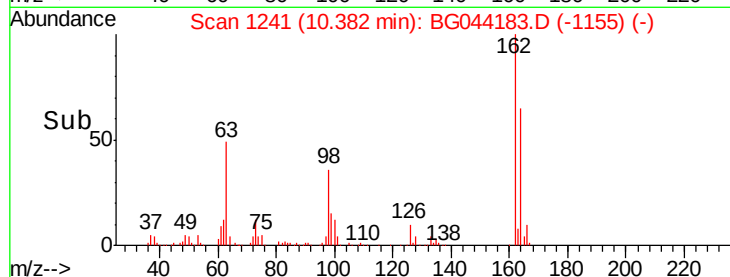
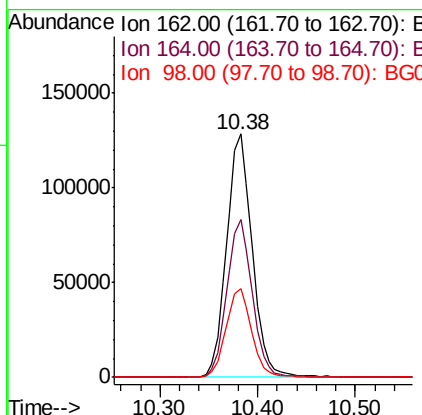
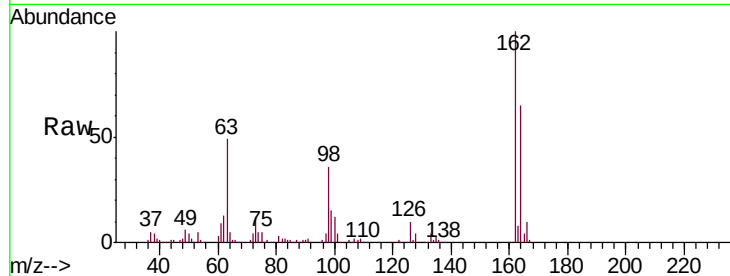




#29
2,4-Dichlorophenol
Concen: 45.977 ng
RT: 10.38 min Scan# 1241
Delta R.T. -0.03 min
Lab File: BG044183.D
Acq: 24 Jan 2020 15:48

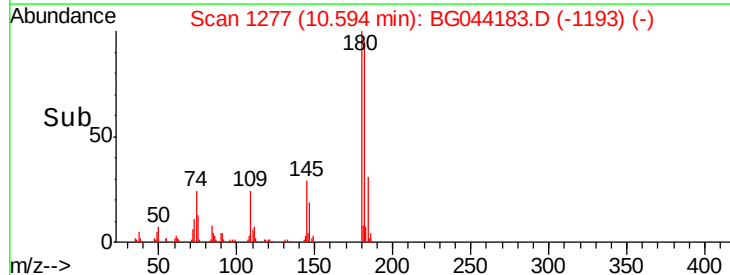
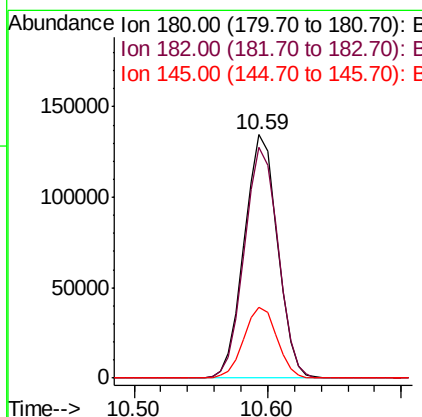
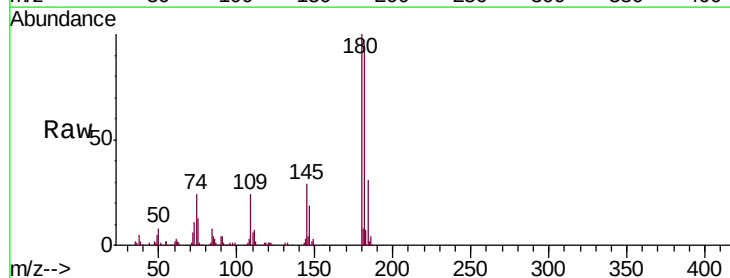
Instrument :
BNA_G
ClientSampleId :
PB126320BS

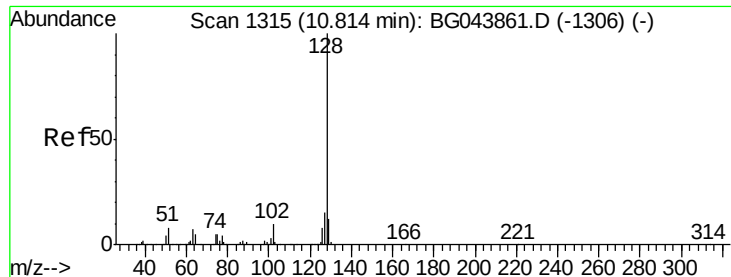
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.8	46.3	86.3
98	36.3	17.3	57.3



#30
1,2,4-Trichlorobenzene
Concen: 40.670 ng
RT: 10.59 min Scan# 1277
Delta R.T. -0.04 min
Lab File: BG044183.D
Acq: 24 Jan 2020 15:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.0	112.4
145	29.2	24.2	36.4

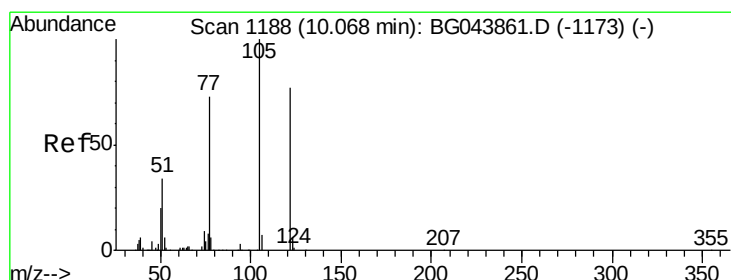
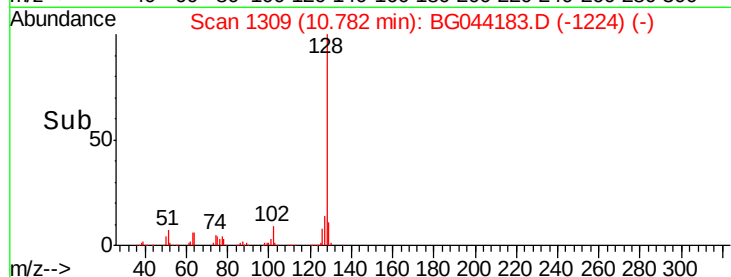
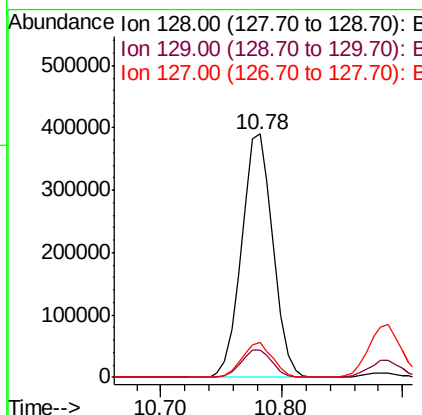
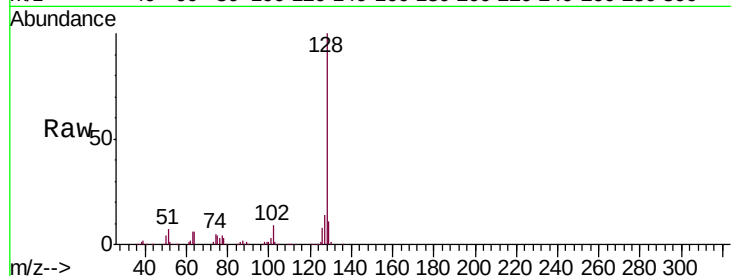




#31
Naphthalene
Concen: 45.058 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.03 min
Lab File: BG044183.D
Acq: 24 Jan 2020 15:48

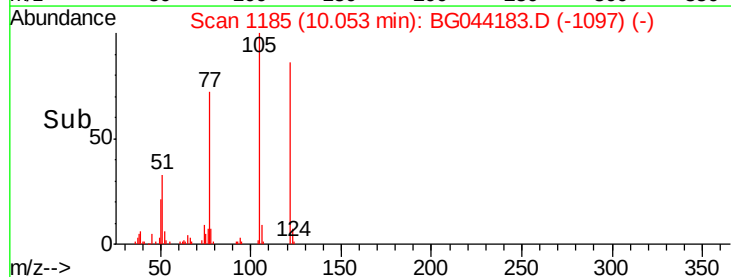
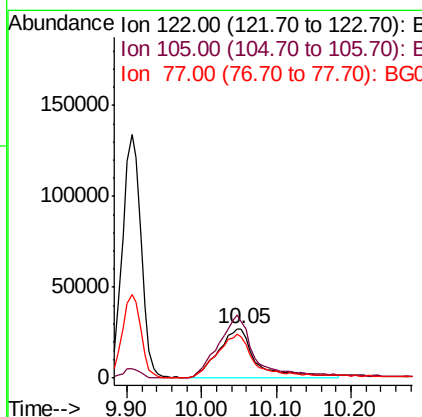
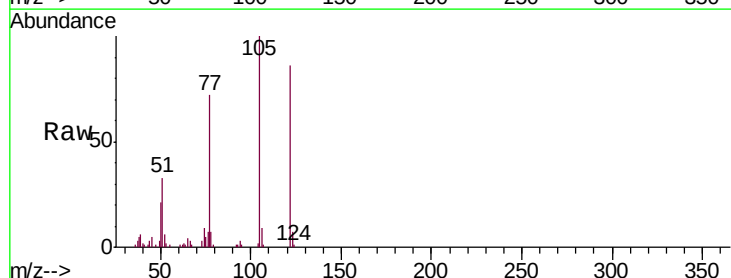
Instrument :
BNA_G
ClientSampleId :
PB126320BS

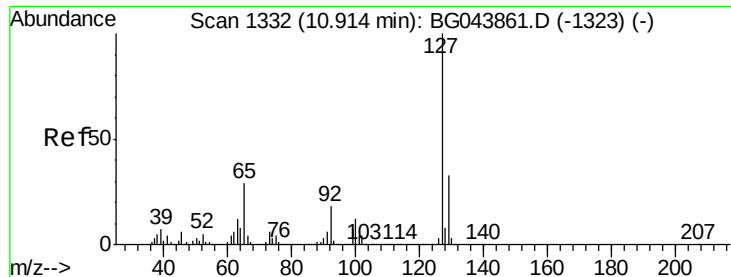
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.8	14.6
127	14.3	12.0	18.0



#32
Benzoic acid
Concen: 29.442 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BG044183.D
Acq: 24 Jan 2020 15:48

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.7	106.4	146.4
77	84.6	74.6	114.6

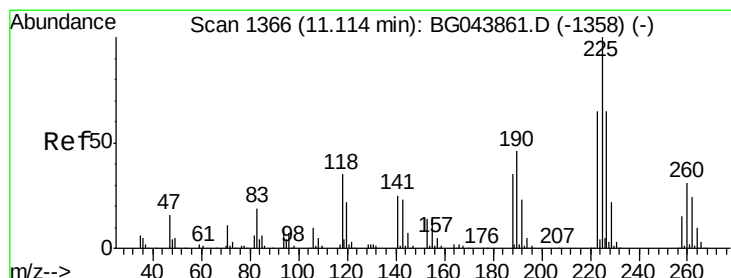
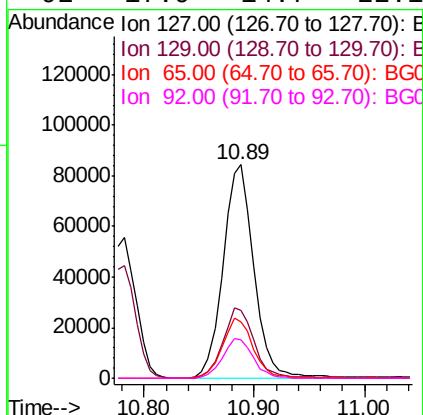
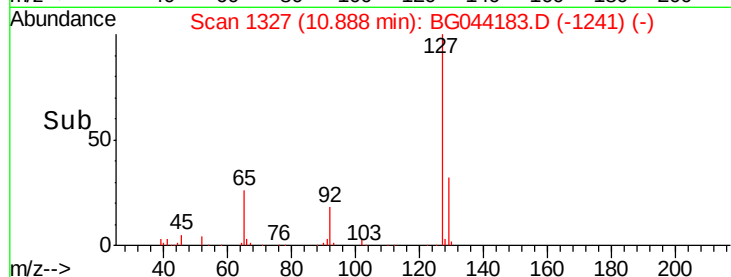
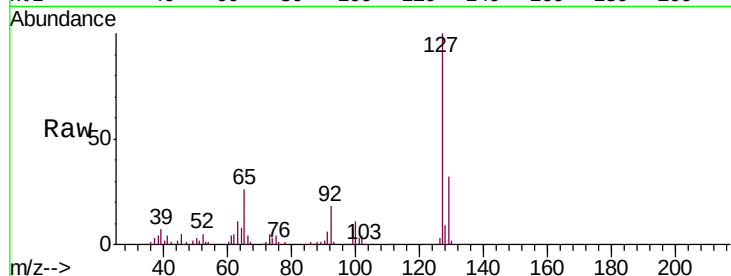




#33
4-Chloroaniline
Concen: 22.102 ng
RT: 10.89 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BG044183.D
Acq: 24 Jan 2020 15:48

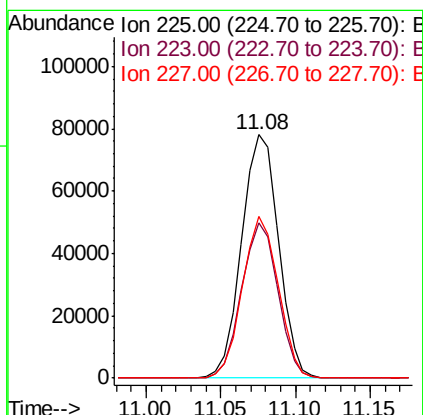
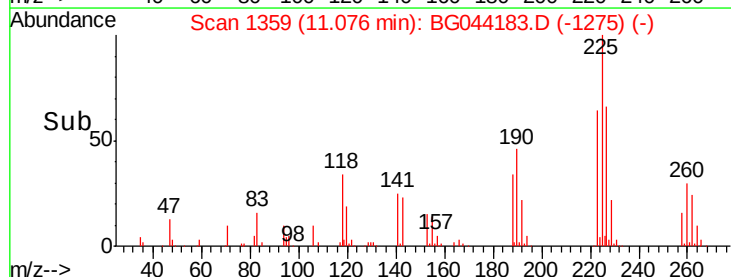
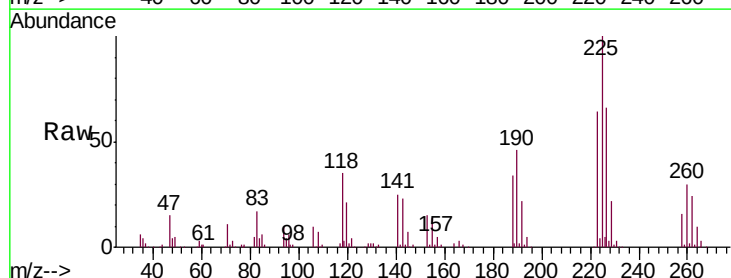
Instrument :
BNA_G
ClientSampleId :
PB126320BS

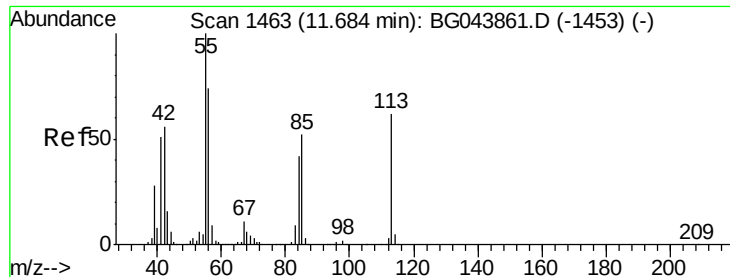
Tgt Ion:	127	Resp:	164895
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.6	40.0
65	26.1	23.3	34.9
92	17.9	14.7	22.1



#34
Hexachlorobutadiene
Concen: 38.429 ng
RT: 11.08 min Scan# 1359
Delta R.T. -0.04 min
Lab File: BG044183.D
Acq: 24 Jan 2020 15:48

Tgt Ion:	225	Resp:	133746
Ion	Ratio	Lower	Upper
225	100		
223	63.9	52.2	78.4
227	66.3	52.1	78.1





#35

Caprolactam

Concen: 35.061 ng

RT: 11.65 min Scan# 1457

Delta R.T. -0.03 min

Lab File: BG044183.D

Acq: 24 Jan 2020 15:48

Instrument :

BNA_G

ClientSampleId :

PB126320BS

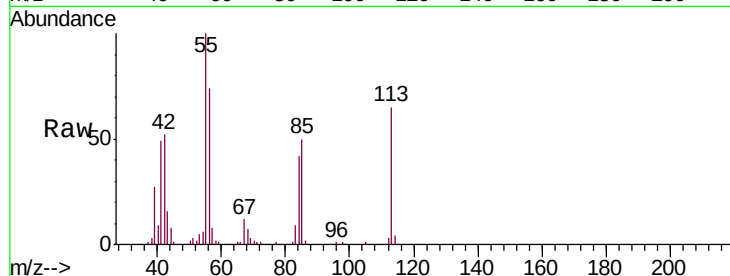
Tgt Ion:113 Resp: 66355

Ion Ratio Lower Upper

113 100

55 153.8 142.5 182.5

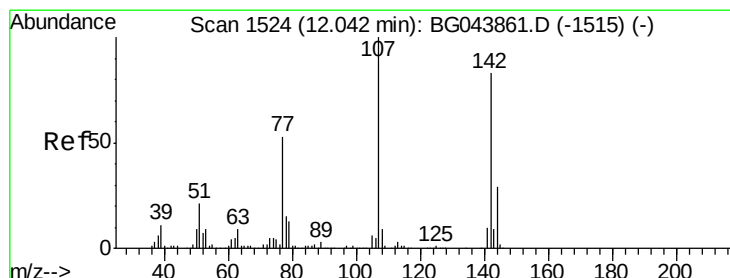
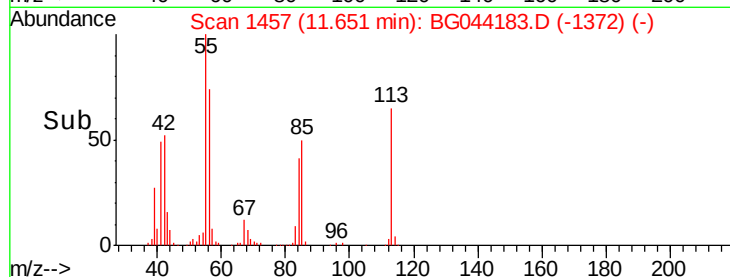
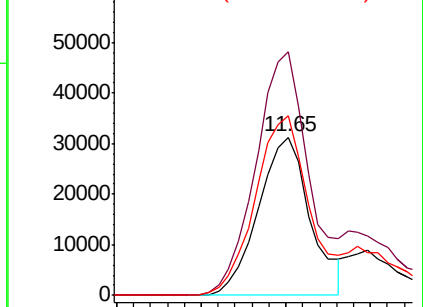
56 113.6 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 46.363 ng

RT: 12.02 min Scan# 1519

Delta R.T. -0.03 min

Lab File: BG044183.D

Acq: 24 Jan 2020 15:48

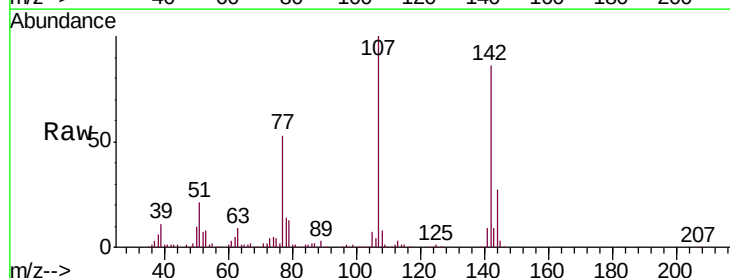
Tgt Ion:107 Resp: 250923

Ion Ratio Lower Upper

107 100

144 27.3 23.4 35.2

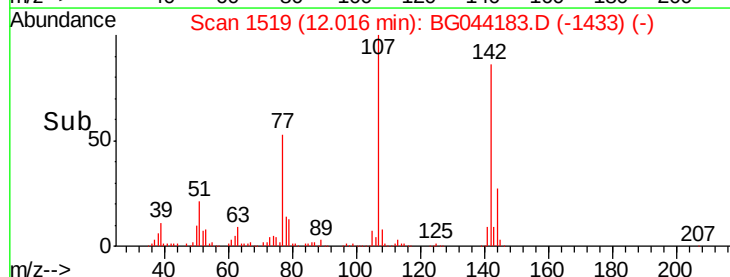
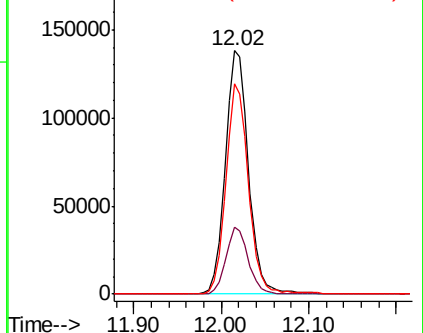
142 86.4 66.3 99.5

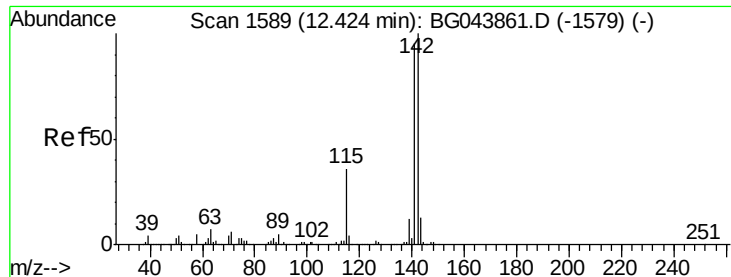


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

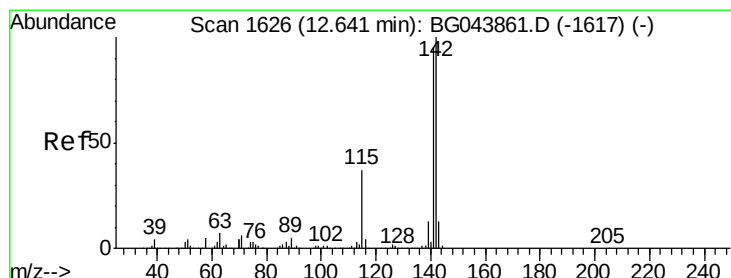
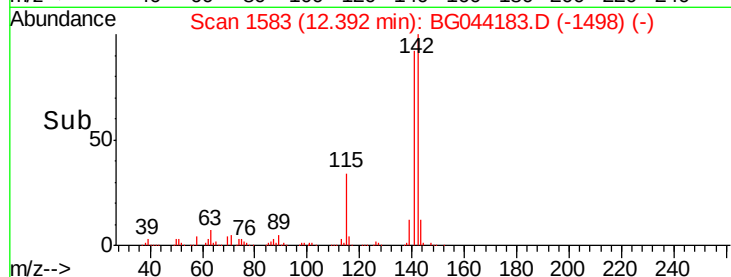
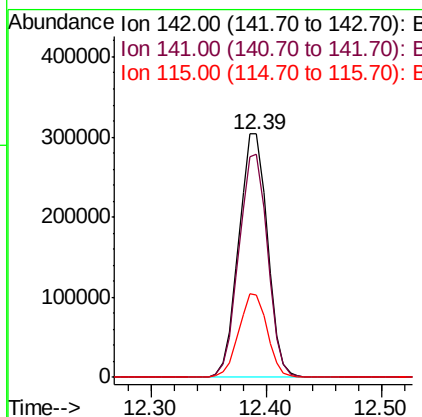
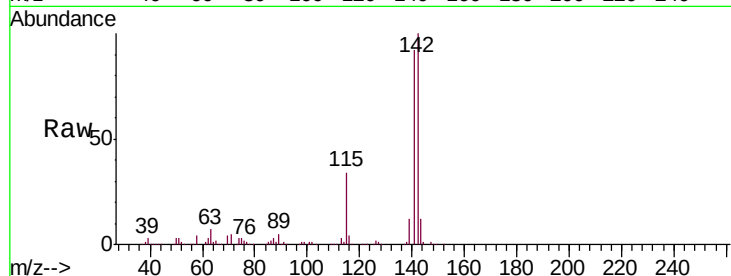




#37
2-Methylnaphthalene
Concen: 44.697 ng
RT: 12.39 min Scan# 1583
Delta R.T. -0.03 min
Lab File: BG044183.D
Acq: 24 Jan 2020 15:48

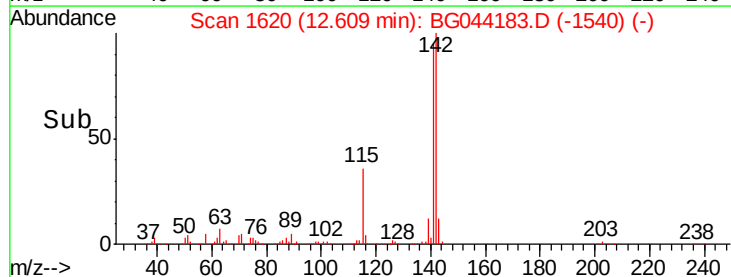
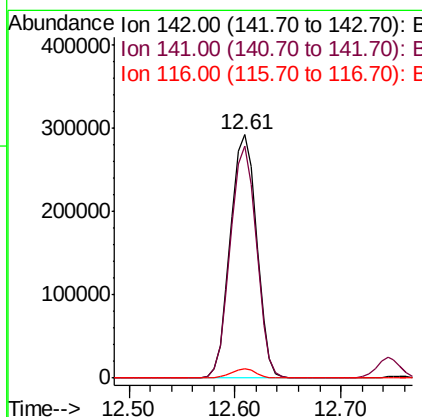
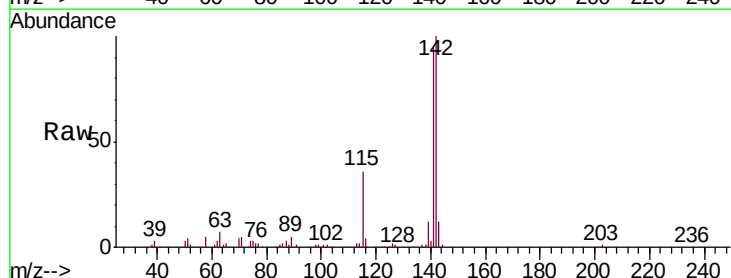
Instrument :
BNA_G
ClientSampleId :
PB126320BS

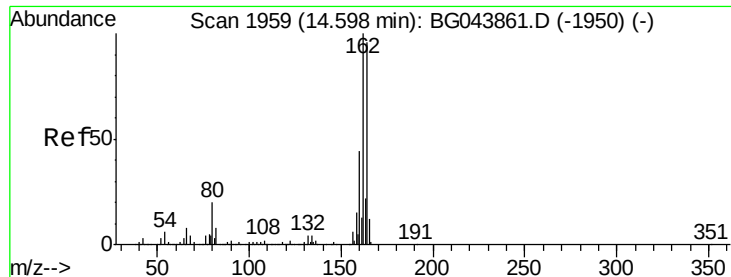
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	75.8	113.8
115	33.7	28.6	42.8



#38
1-Methylnaphthalene
Concen: 45.233 ng
RT: 12.61 min Scan# 1620
Delta R.T. -0.03 min
Lab File: BG044183.D
Acq: 24 Jan 2020 15:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.4	76.0	114.0
116	3.8	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1953

Delta R.T. -0.03 min

Lab File: BG044183.D

Acq: 24 Jan 2020 15:48

Instrument :

BNA_G

ClientSampleId :

PB126320BS

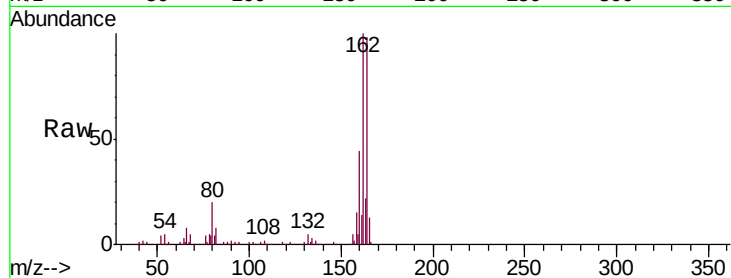
Tgt Ion:164 Resp: 216546

Ion Ratio Lower Upper

164 100

162 102.0 83.0 124.4

160 44.9 36.1 54.1

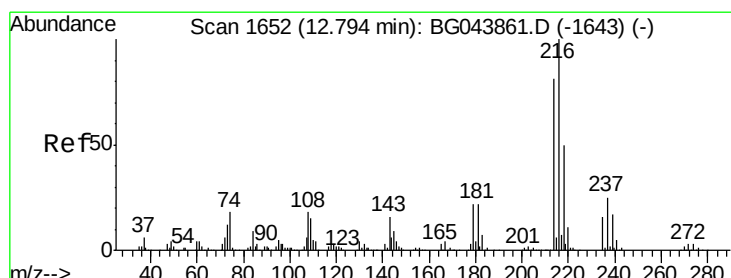
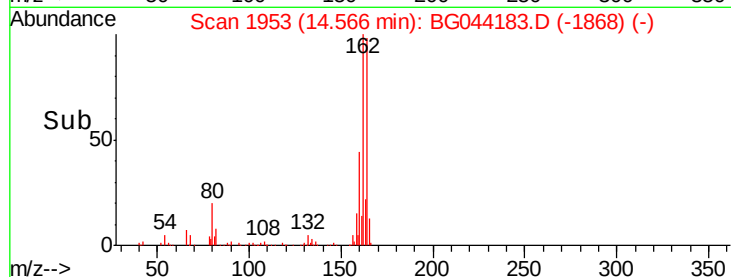
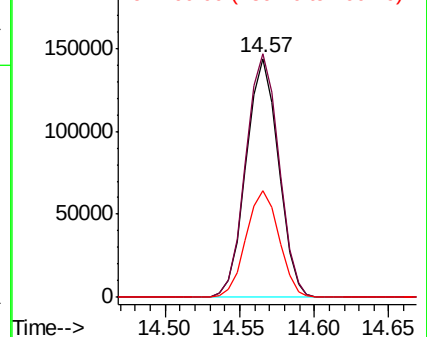


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.594 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.03 min

Lab File: BG044183.D

Acq: 24 Jan 2020 15:48

Tgt Ion:216 Resp: 251300

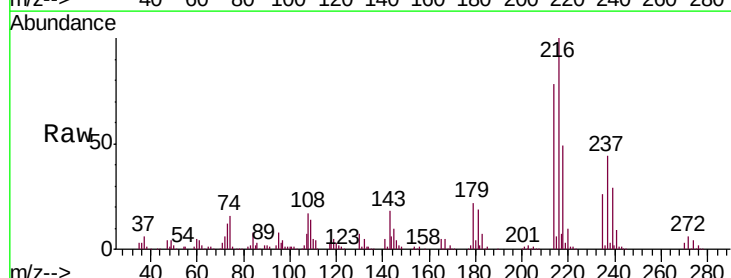
Ion Ratio Lower Upper

216 100

214 78.4 63.8 95.8

179 21.2 17.3 25.9

108 20.5 15.3 22.9



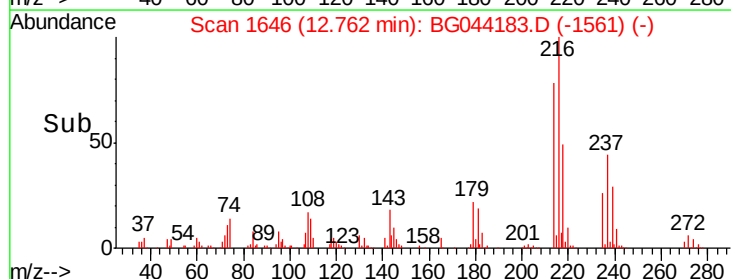
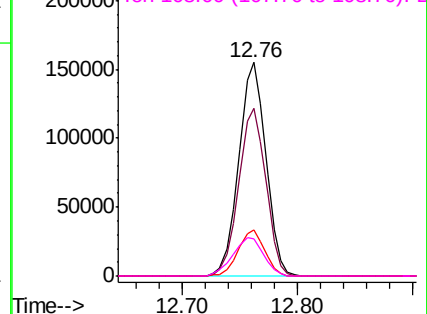
Abundance

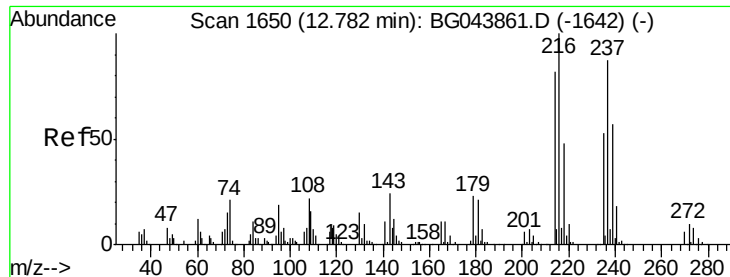
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 96.915 ng

RT: 12.74 min Scan# 1643

Delta R.T. -0.04 min

Lab File: BG044183.D

Acq: 24 Jan 2020 15:48

Instrument :

BNA_G

ClientSampleId :

PB126320BS

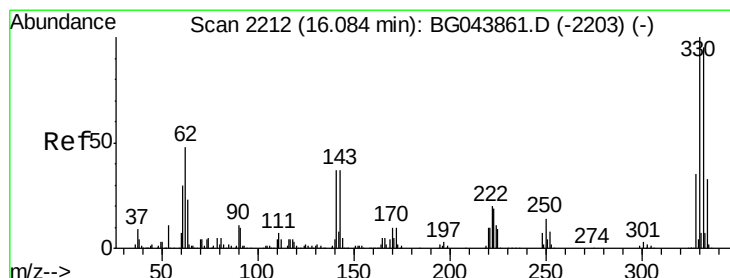
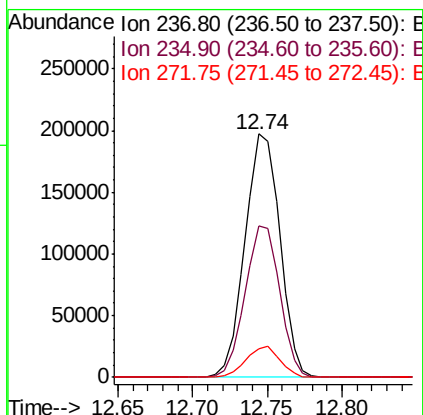
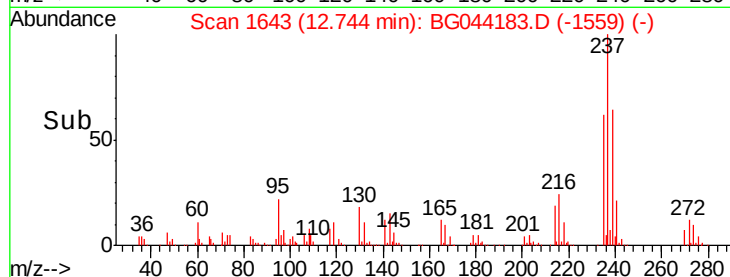
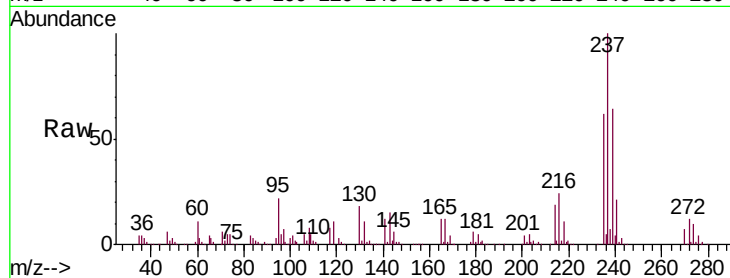
Tgt Ion:237 Resp: 318901

Ion Ratio Lower Upper

237 100

235 62.1 41.1 81.1

272 11.9 0.0 31.7



#42

2,4,6-Tribromophenol

Concen: 136.664 ng

RT: 16.06 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044183.D

Acq: 24 Jan 2020 15:48

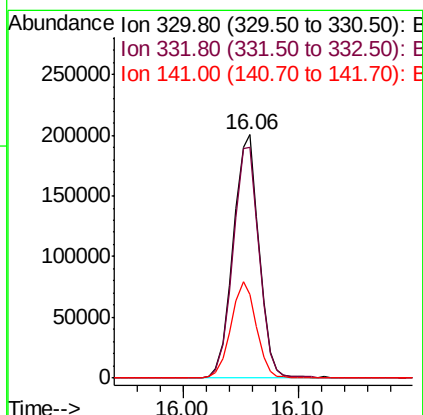
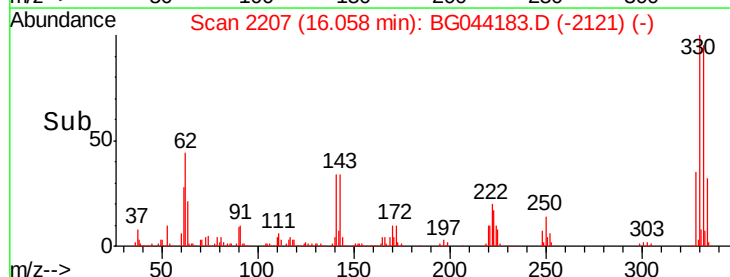
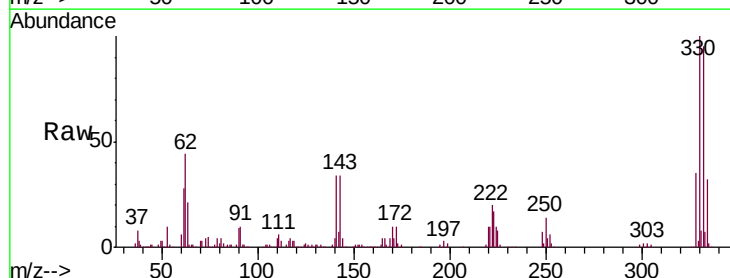
Tgt Ion:330 Resp: 309695

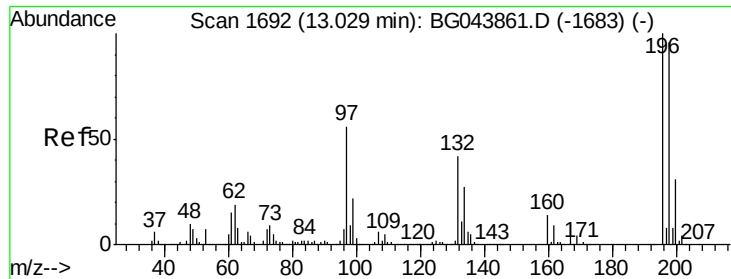
Ion Ratio Lower Upper

330 100

332 96.3 77.2 115.8

141 38.9 33.1 49.7

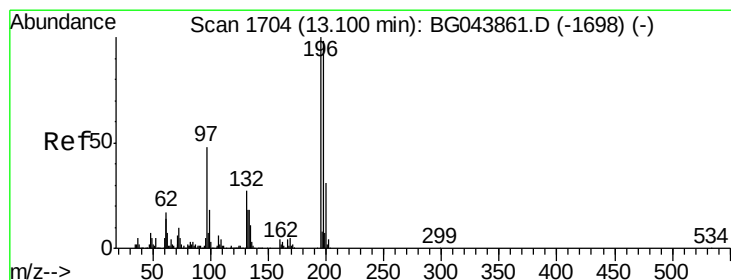
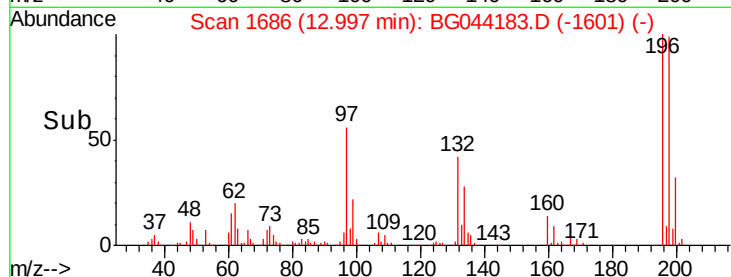
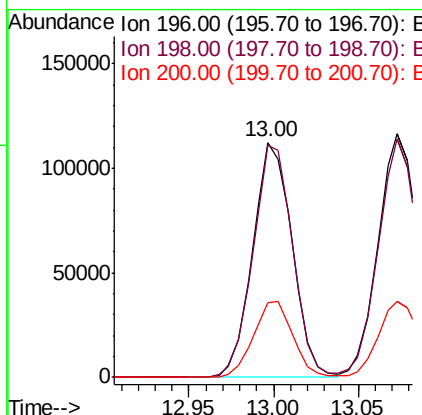
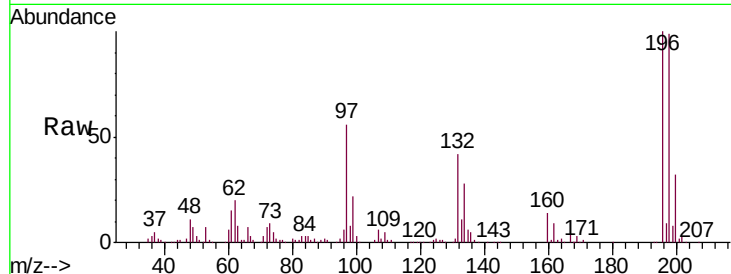




#43
 2,4,6-Trichlorophenol
 Concen: 41.857 ng
 RT: 13.00 min Scan# 1686
 Delta R.T. -0.03 min
 Lab File: BG044183.D
 Acq: 24 Jan 2020 15:48

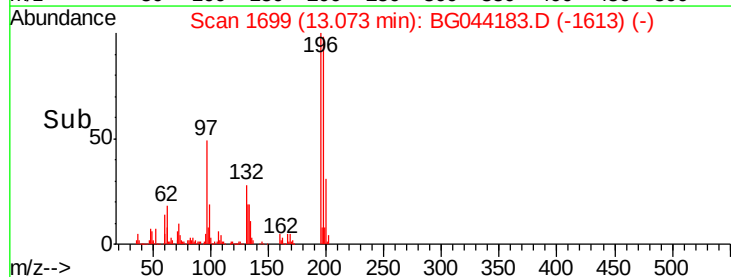
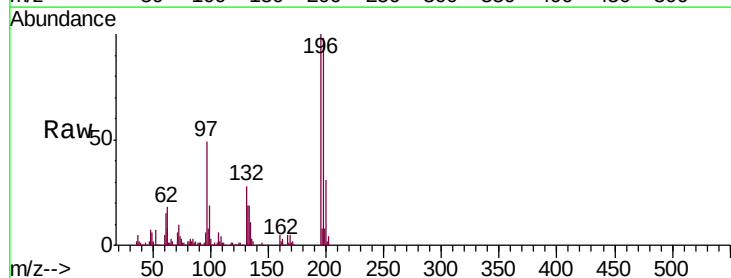
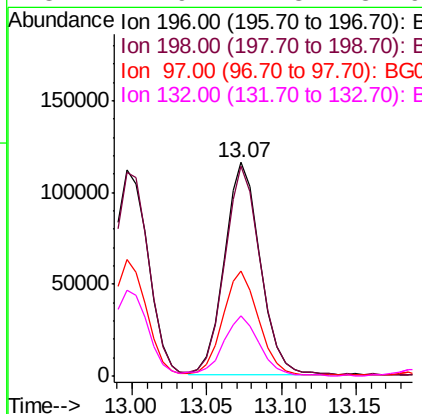
Instrument :
 BNA_G
 ClientSampleId :
 PB126320BS

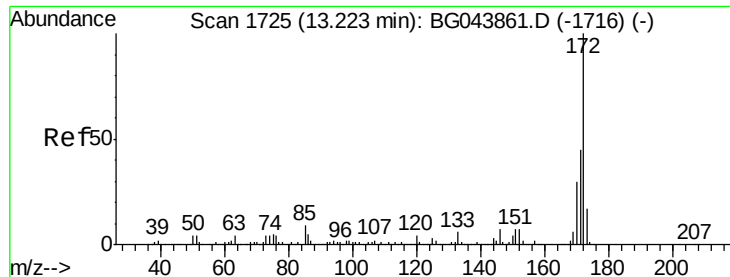
Tgt Ion:196 Resp: 182801
 Ion Ratio Lower Upper
 196 100
 198 98.8 76.6 115.0
 200 31.8 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 43.315 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. -0.03 min
 Lab File: BG044183.D
 Acq: 24 Jan 2020 15:48

Tgt Ion:196 Resp: 195104
 Ion Ratio Lower Upper
 196 100
 198 98.2 78.3 117.5
 97 49.3 38.8 58.2
 132 27.9 21.3 31.9

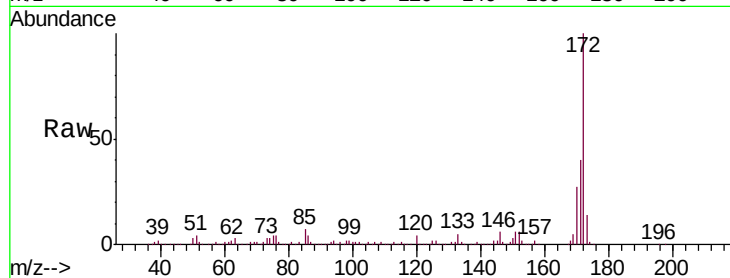




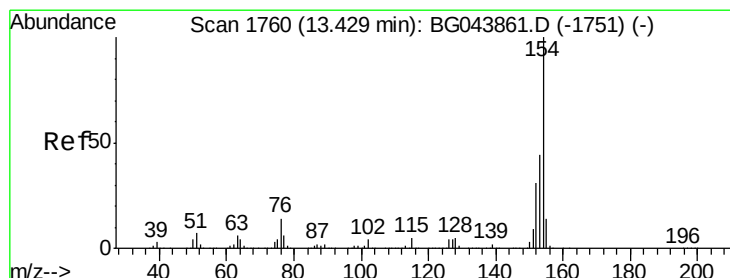
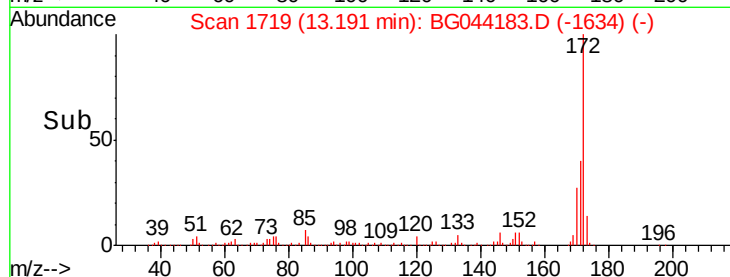
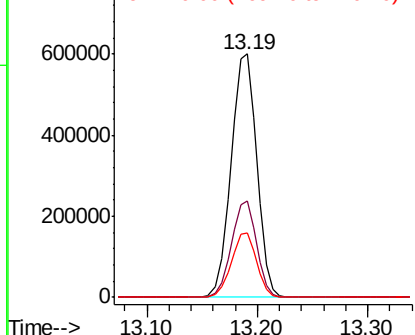
#45
2-Fluorobiphenyl
Concen: 81.952 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.03 min
Lab File: BG044183.D
Acq: 24 Jan 2020 15:48

Instrument :
BNA_G
ClientSampleId :
PB126320BS

Tgt Ion:172 Resp: 979501
Ion Ratio Lower Upper
172 100
171 39.7 35.8 53.8
170 26.6 24.2 36.4

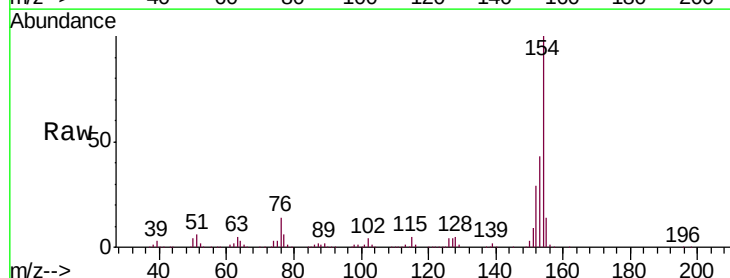


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

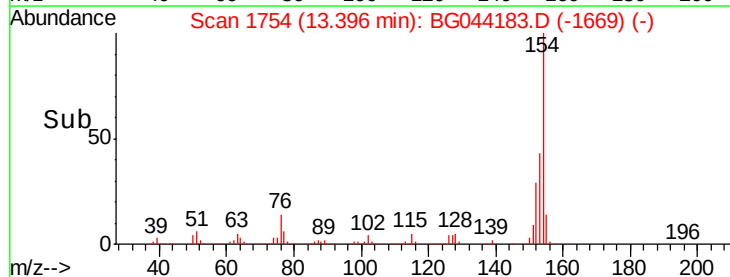
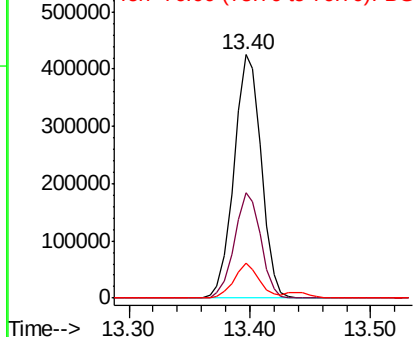


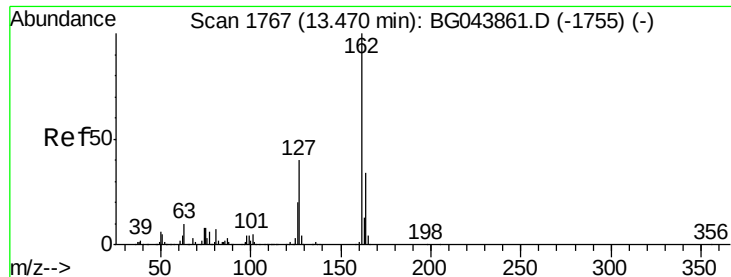
#46
1,1'-Biphenyl
Concen: 42.826 ng
RT: 13.40 min Scan# 1754
Delta R.T. -0.03 min
Lab File: BG044183.D
Acq: 24 Jan 2020 15:48

Tgt Ion:154 Resp: 664922
Ion Ratio Lower Upper
154 100
153 43.3 23.6 63.6
76 14.2 0.0 34.4



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

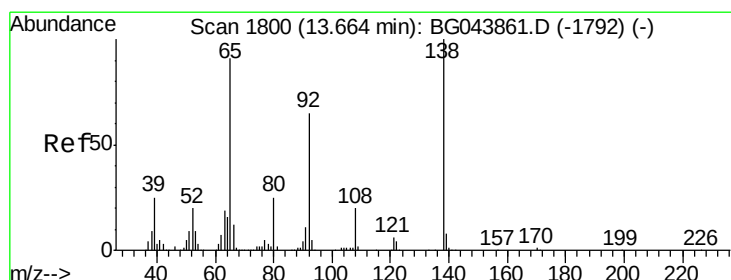
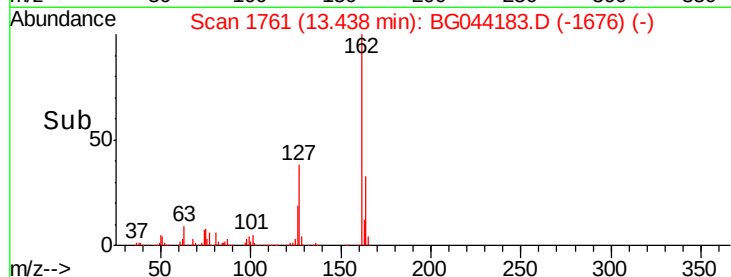
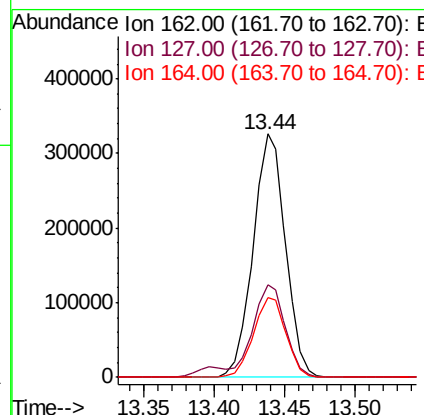
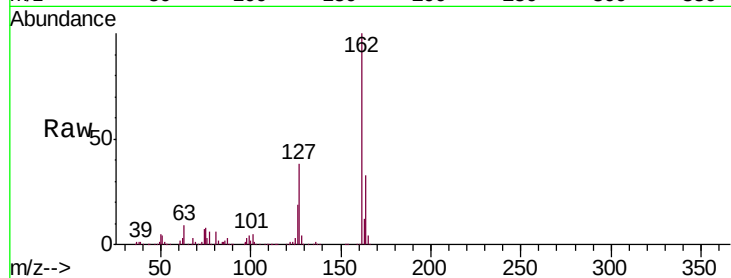




#47
 2-Chloronaphthalene
 Concen: 41.748 ng
 RT: 13.44 min Scan# 1761
 Delta R.T. -0.03 min
 Lab File: BG044183.D
 Acq: 24 Jan 2020 15:48

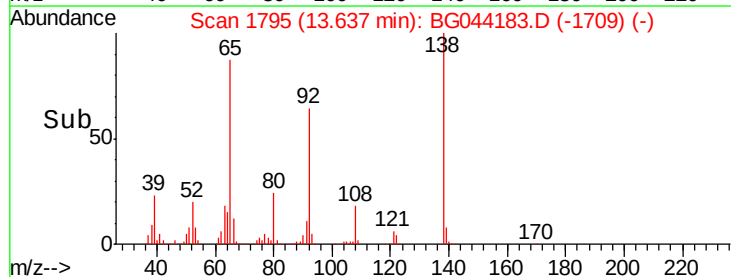
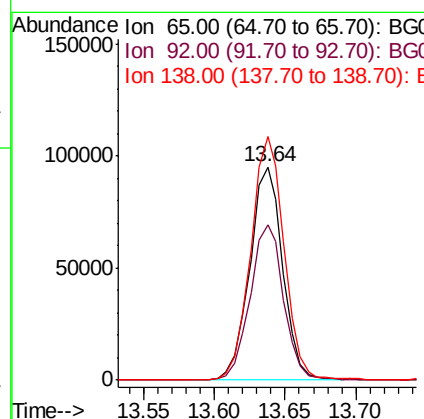
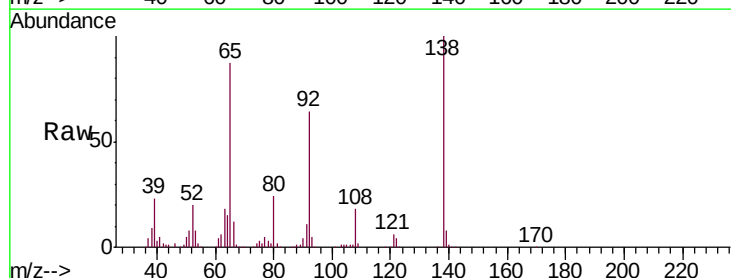
Instrument :
 BNA_G
 ClientSampleId :
 PB126320BS

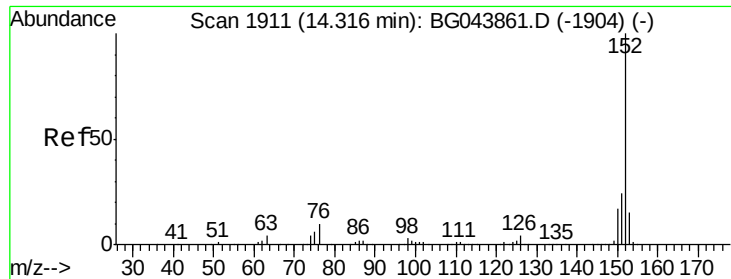
Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.0	32.1	48.1
164	33.0	27.5	41.3



#48
 2-Nitroaniline
 Concen: 38.603 ng
 RT: 13.64 min Scan# 1795
 Delta R.T. -0.03 min
 Lab File: BG044183.D
 Acq: 24 Jan 2020 15:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.1	57.4	86.2
138	114.3	88.2	132.4





#49

Acenaphthylene

Concen: 46.280 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.03 min

Lab File: BG044183.D

Acq: 24 Jan 2020 15:48

Instrument :

BNA_G

ClientSampleId :

PB126320BS

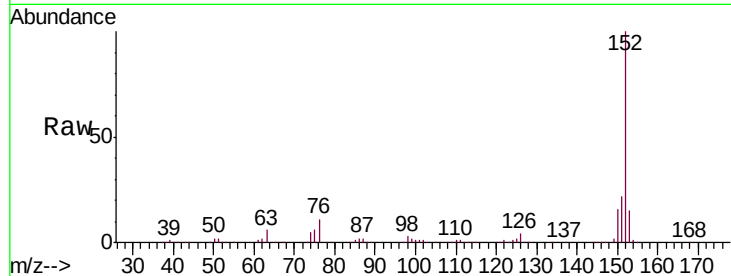
Tgt Ion:152 Resp: 834543

Ion Ratio Lower Upper

152 100

151 22.3 19.4 29.2

153 14.7 12.0 18.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

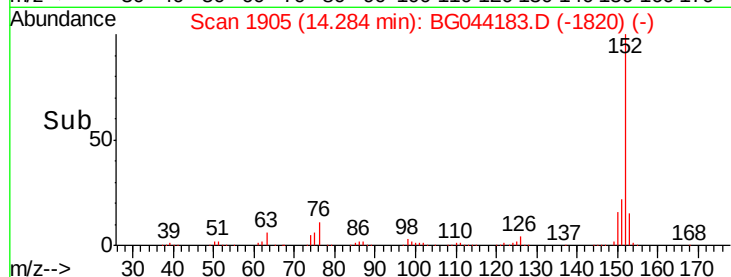
600000

400000

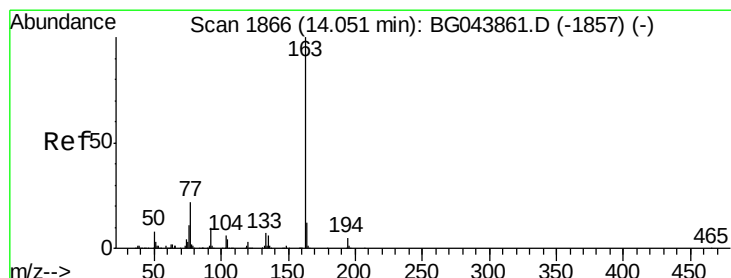
200000

0

14.20 14.30



Time-->



#50

Dimethylphthalate

Concen: 42.852 ng

RT: 14.02 min Scan# 1860

Delta R.T. -0.03 min

Lab File: BG044183.D

Acq: 24 Jan 2020 15:48

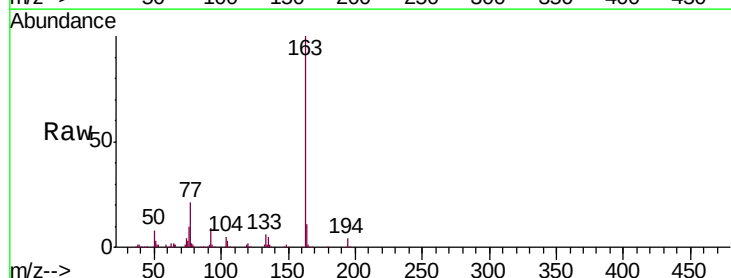
Tgt Ion:163 Resp: 658873

Ion Ratio Lower Upper

163 100

194 4.1 3.7 5.5

164 10.9 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

600000

500000

400000

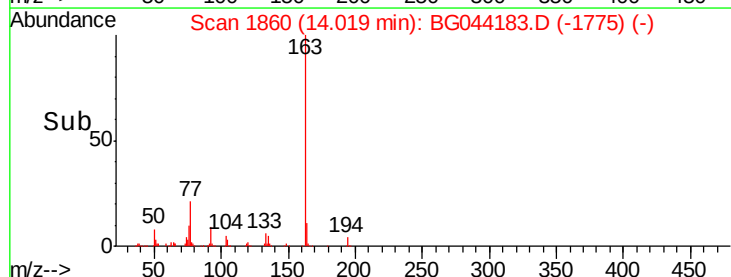
300000

200000

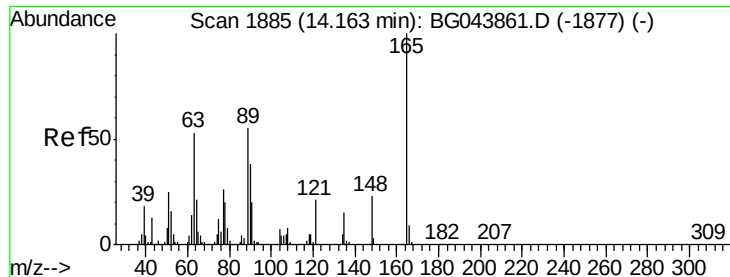
100000

0

14.00 14.10



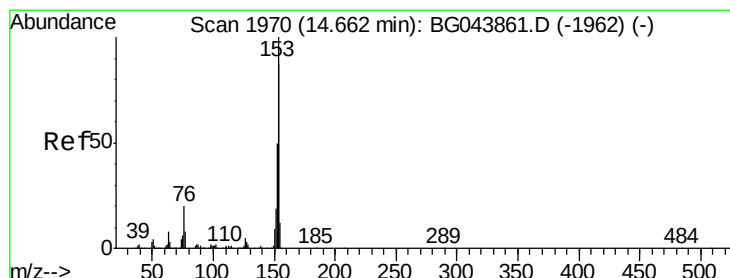
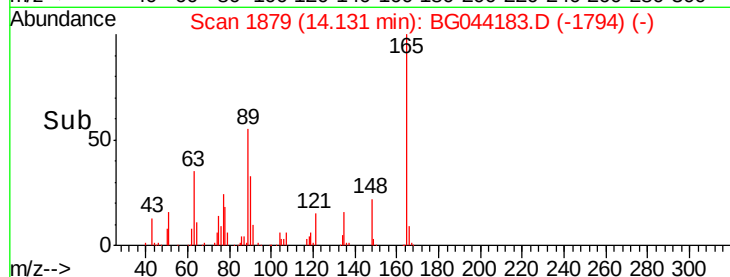
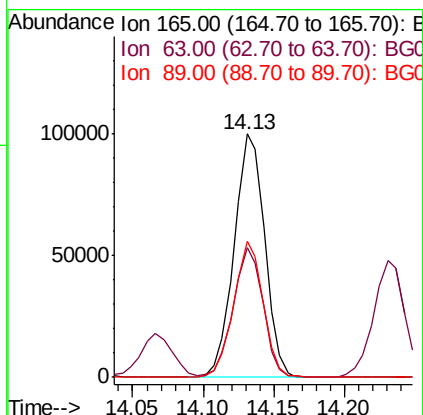
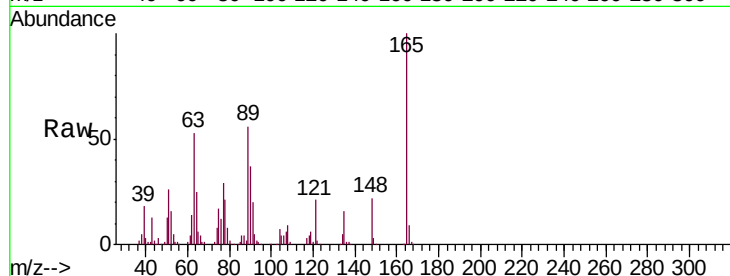
Time-->



#51
 2,6-Dinitrotoluene
 Concen: 43.225 ng
 RT: 14.13 min Scan# 1879
 Delta R.T. -0.03 min
 Lab File: BG044183.D
 Acq: 24 Jan 2020 15:48

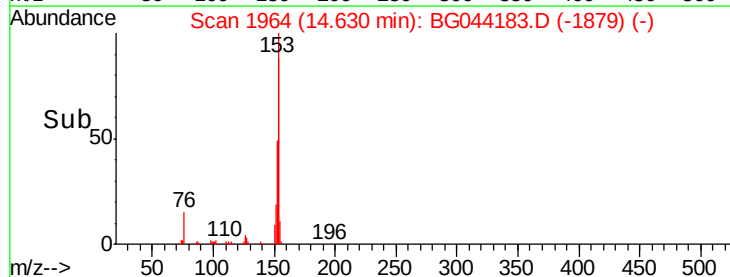
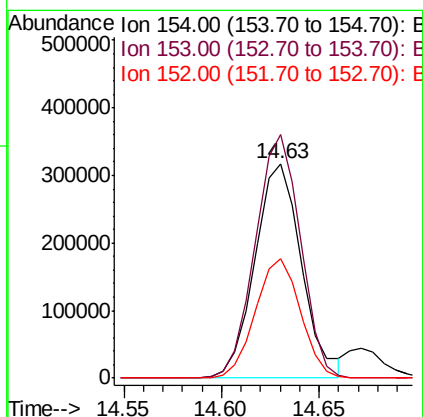
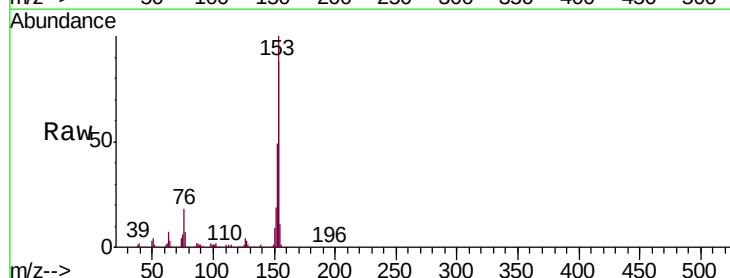
Instrument :
 BNA_G
 ClientSampleId :
 PB126320BS

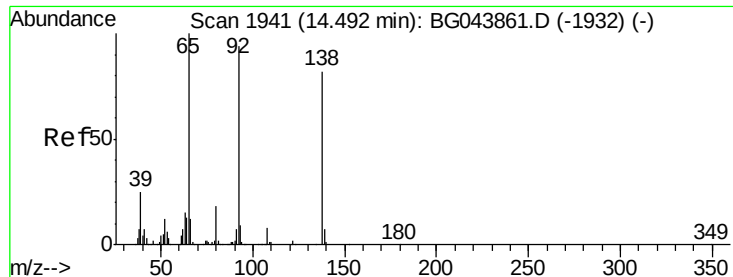
Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.1	43.1	64.7
89	55.7	43.8	65.6



#52
 Acenaphthene
 Concen: 41.480 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. -0.03 min
 Lab File: BG044183.D
 Acq: 24 Jan 2020 15:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.6	91.6	137.4
152	55.6	45.4	68.0





#53

3-Nitroaniline

Concen: 27.847 ng

RT: 14.46 min Scan# 1935

Delta R.T. -0.03 min

Lab File: BG044183.D

Acq: 24 Jan 2020 15:48

Instrument :

BNA_G

ClientSampleID :

PB126320BS

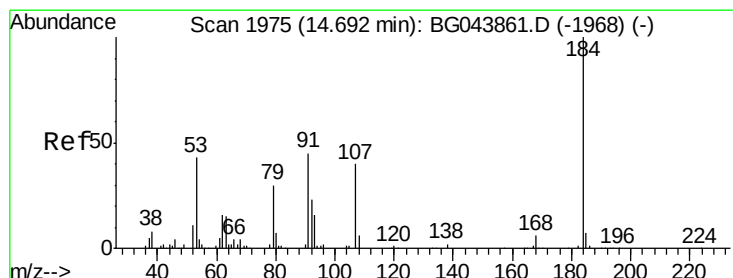
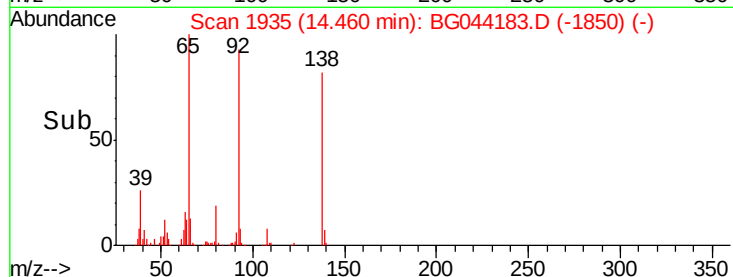
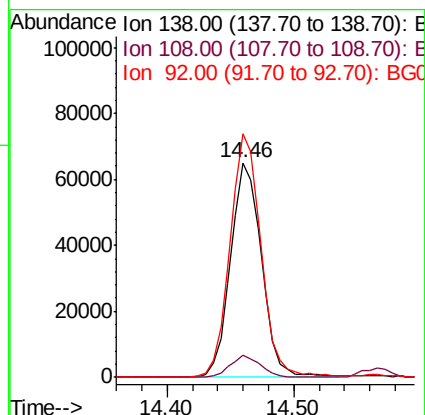
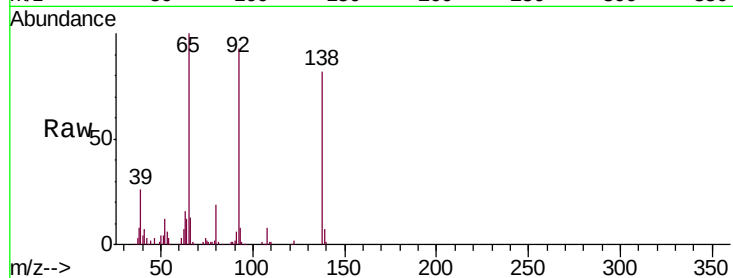
Tgt Ion:138 Resp: 109896

Ion Ratio Lower Upper

138 100

108 10.3 7.4 11.2

92 113.7 92.1 138.1



#54

2,4-Dinitrophenol

Concen: 76.234 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.02 min

Lab File: BG044183.D

Acq: 24 Jan 2020 15:48

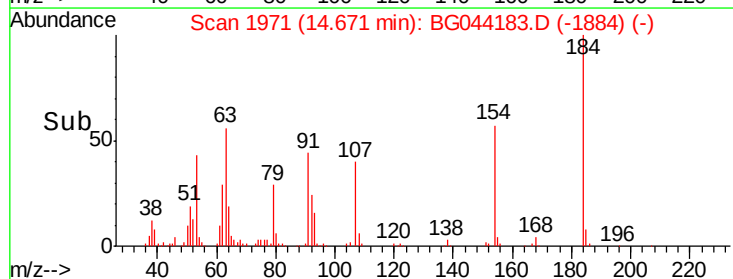
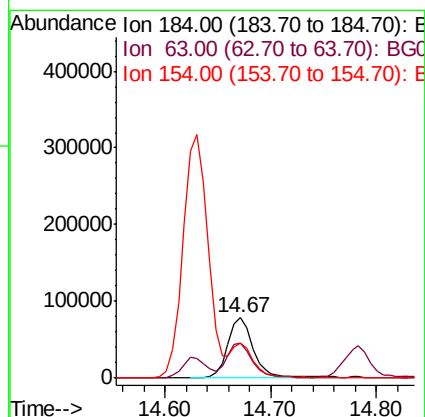
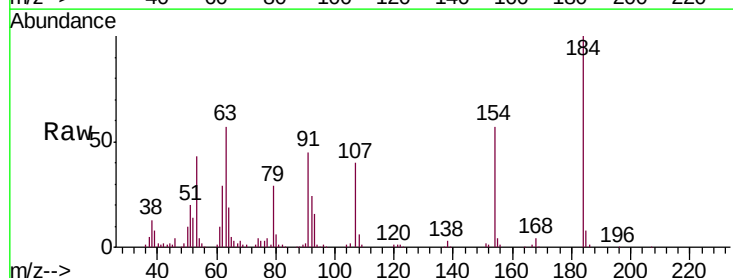
Tgt Ion:184 Resp: 134479

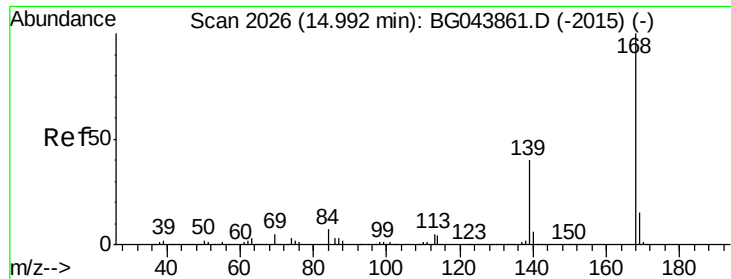
Ion Ratio Lower Upper

184 100

63 57.2 46.6 70.0

154 57.2 50.2 75.4

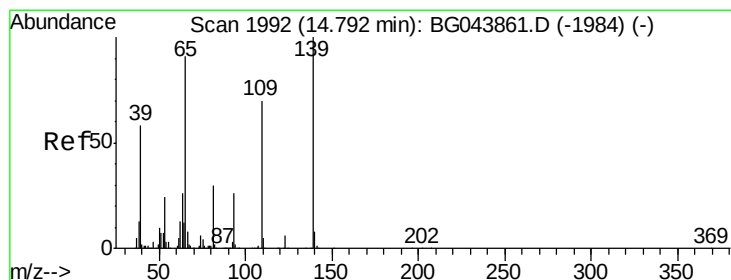
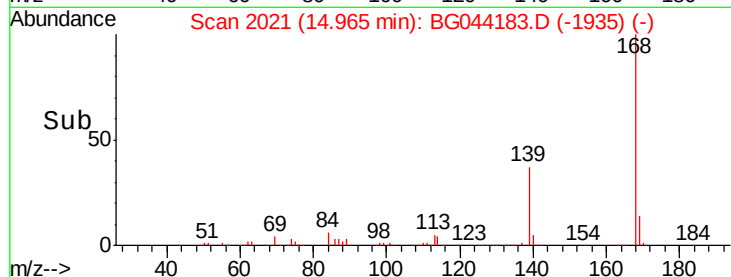
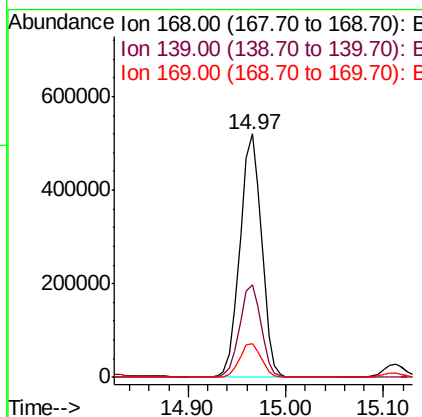
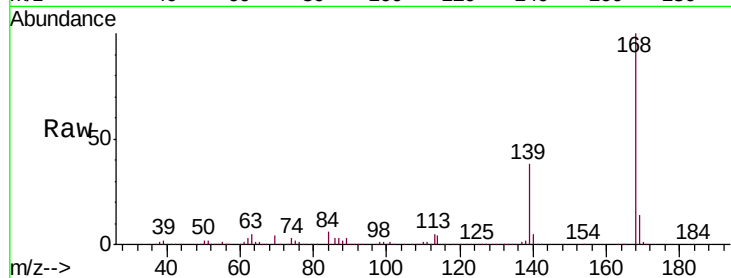




#55
Dibenzofuran
Concen: 46.047 ng
RT: 14.97 min Scan# 2021
Delta R.T. -0.03 min
Lab File: BG044183.D
Acq: 24 Jan 2020 15:48

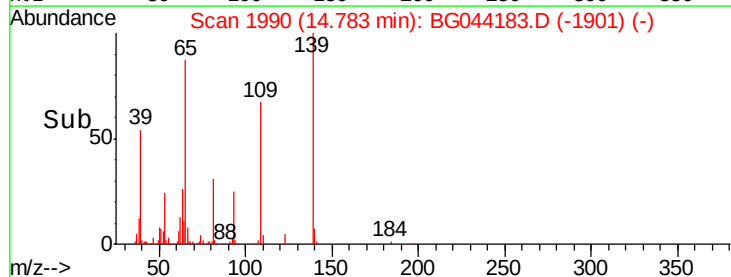
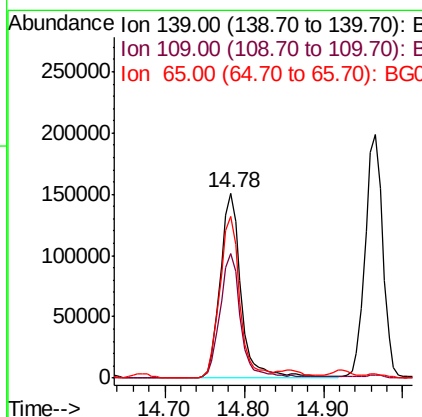
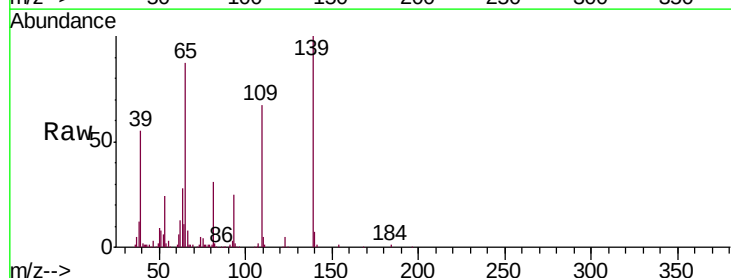
Instrument :
BNA_G
ClientSampleId :
PB126320BS

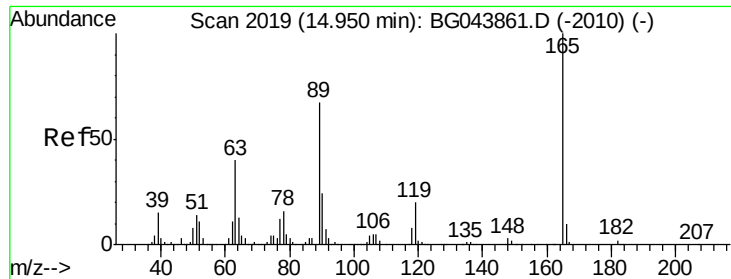
Tgt Ion:168 Resp: 801611
Ion Ratio Lower Upper
168 100
139 38.2 32.2 48.2
169 14.0 12.2 18.2



#56
4-Nitrophenol
Concen: 91.848 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG044183.D
Acq: 24 Jan 2020 15:48

Tgt Ion:139 Resp: 277766
Ion Ratio Lower Upper
139 100
109 67.3 50.4 90.4
65 87.3 71.4 111.4

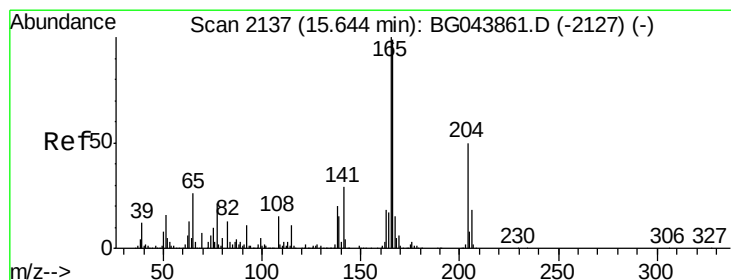
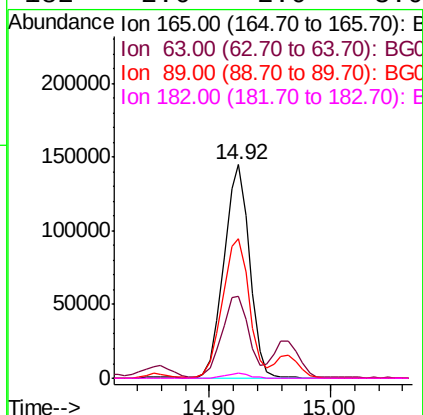
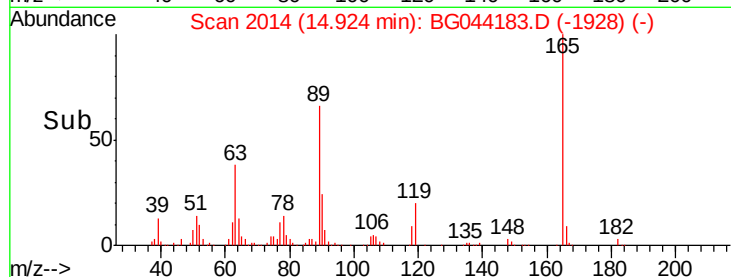
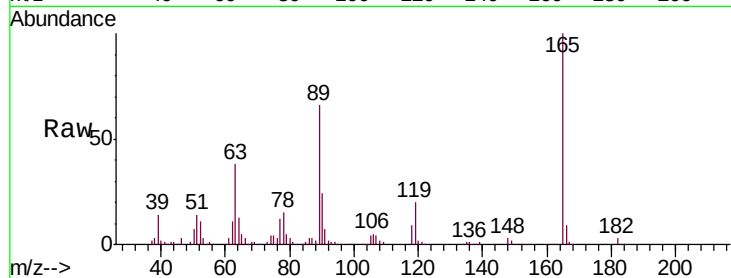




#57
2,4-Dinitrotoluene
Concen: 45.030 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.03 min
Lab File: BG044183.D
Acq: 24 Jan 2020 15:48

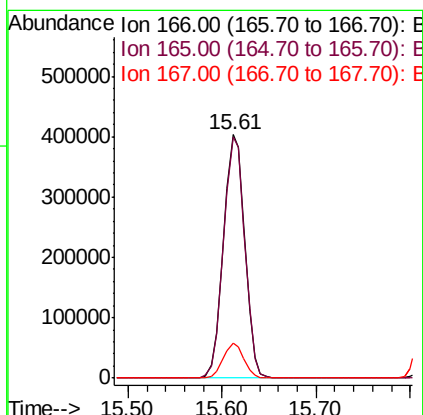
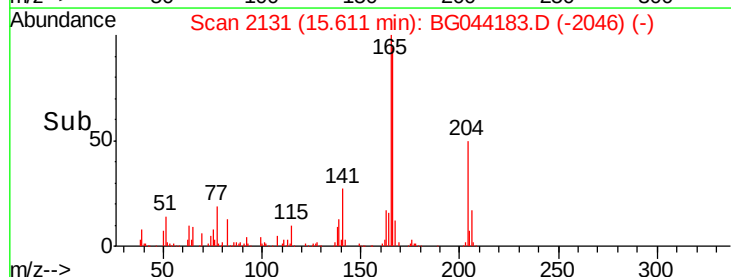
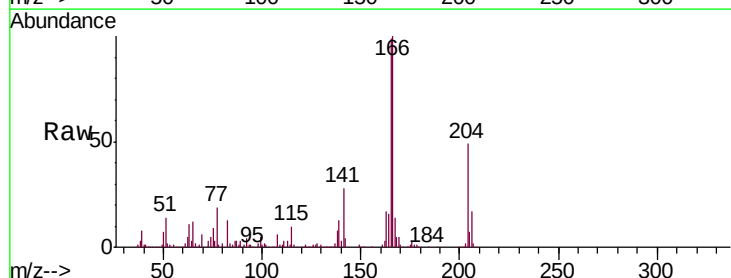
Instrument :
BNA_G
ClientSampleId :
PB126320BS

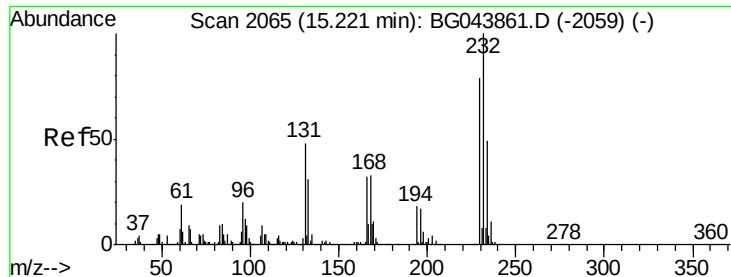
Tgt Ion	Ratio	Lower	Upper
165	100		
63	38.4	31.9	47.9
89	65.6	53.8	80.6
182	2.6	2.0	3.0



#58
Fluorene
Concen: 46.063 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.03 min
Lab File: BG044183.D
Acq: 24 Jan 2020 15:48

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.3	80.8	121.2
167	14.4	12.1	18.1

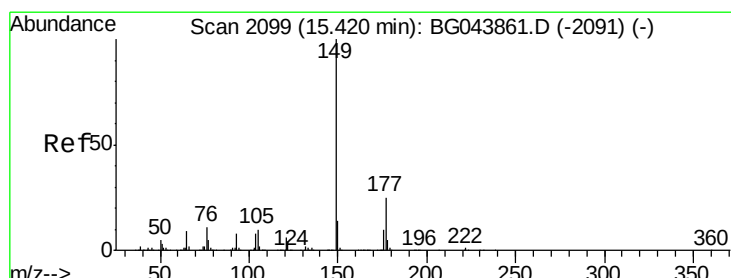
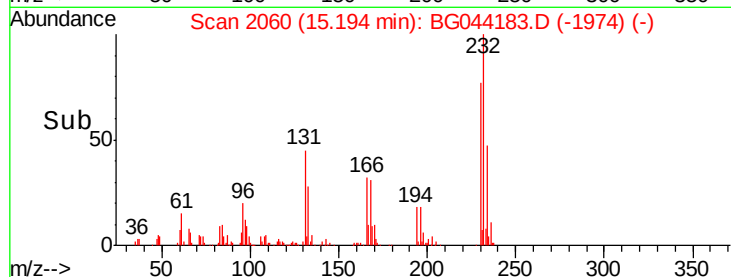
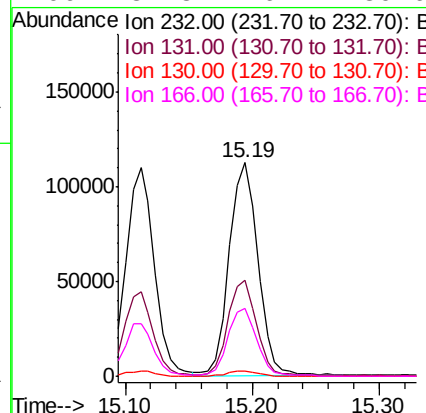
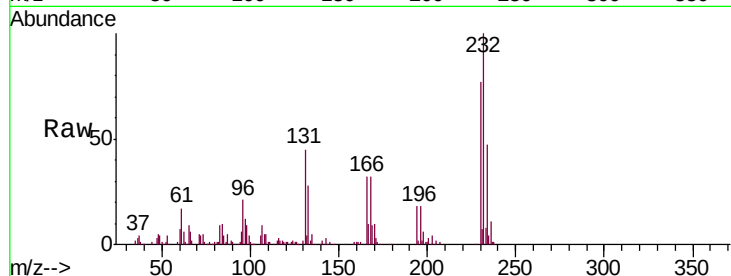




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.426 ng
 RT: 15.19 min Scan# 2060
 Delta R.T. -0.03 min
 Lab File: BG044183.D
 Acq: 24 Jan 2020 15:48

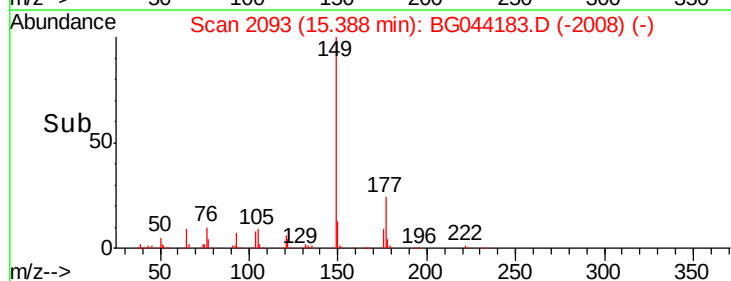
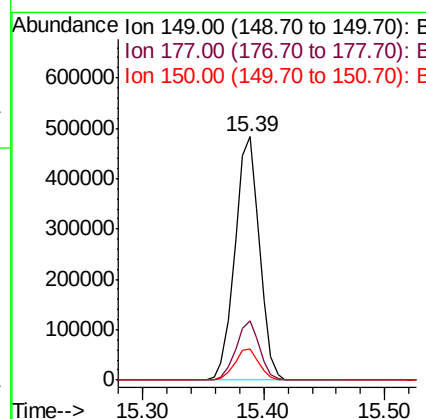
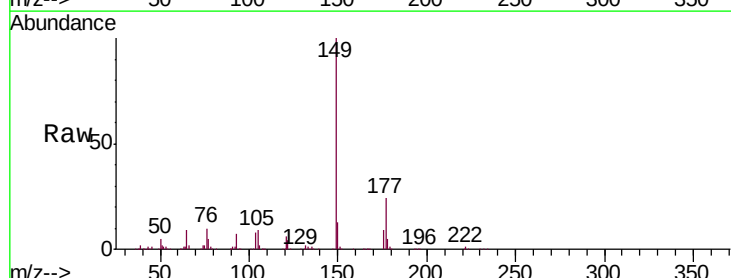
Instrument :
 BNA_G
 ClientSampleId :
 PB126320BS

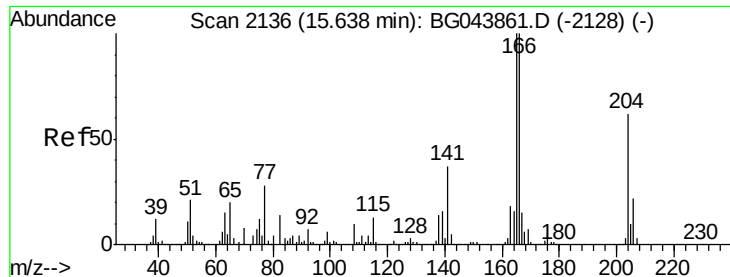
Tgt Ion:	232	Resp:	175942
Ion	Ratio	Lower	Upper
232	100		
131	45.2	38.2	57.2
130	2.5	2.2	3.2
166	31.8	26.4	39.6



#60
 Diethylphthalate
 Concen: 44.188 ng
 RT: 15.39 min Scan# 2093
 Delta R.T. -0.03 min
 Lab File: BG044183.D
 Acq: 24 Jan 2020 15:48

Tgt Ion:	149	Resp:	679549
Ion	Ratio	Lower	Upper
149	100		
177	24.4	20.0	30.0
150	12.9	11.1	16.7

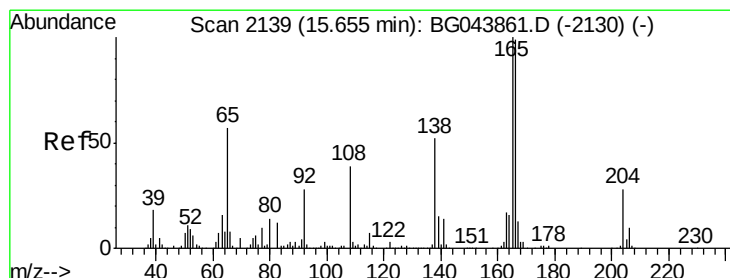
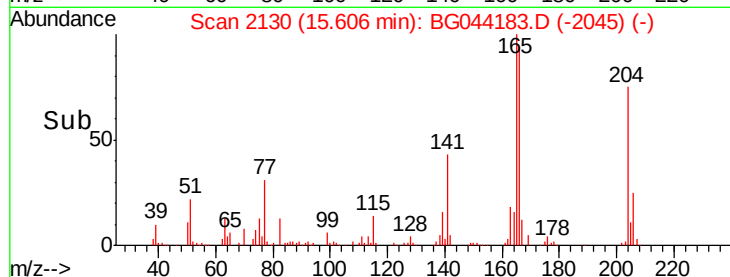
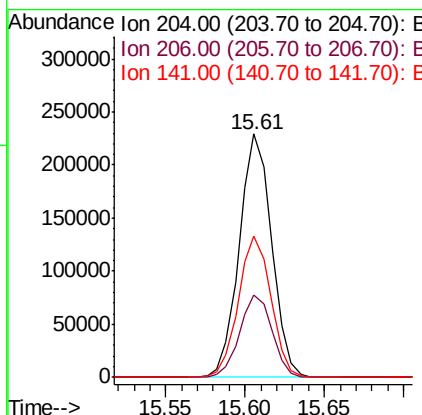
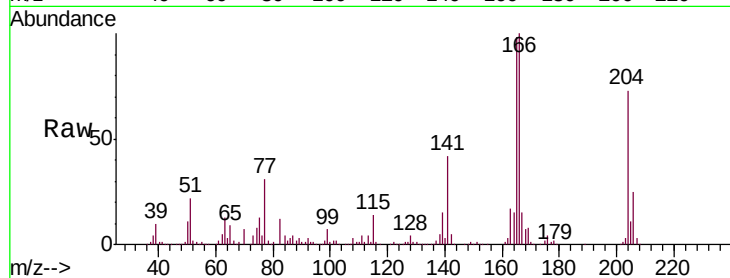




#61
4-Chlorophenyl-phenylether
Concen: 43.274 ng
RT: 15.61 min Scan# 2130
Delta R.T. -0.03 min
Lab File: BG044183.D
Acq: 24 Jan 2020 15:48

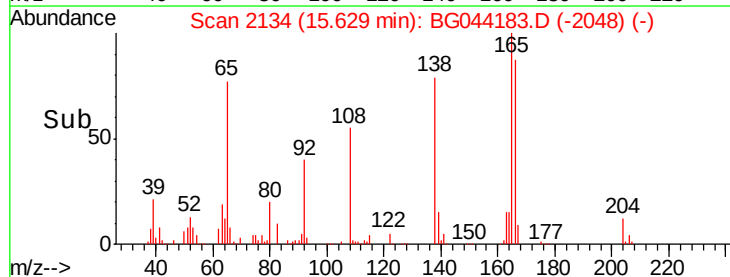
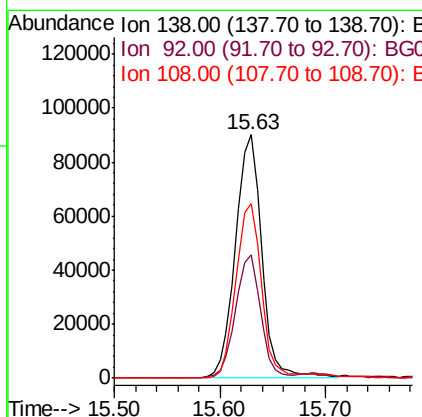
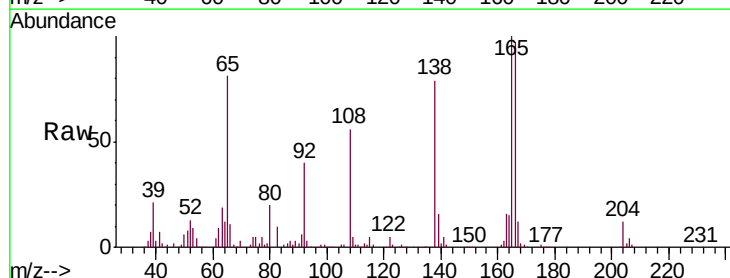
Instrument :
BNA_G
ClientSampleId :
PB126320BS

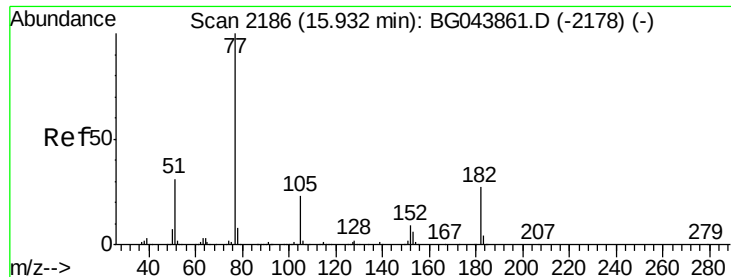
Tgt Ion:204 Resp: 324222
Ion Ratio Lower Upper
204 100
206 34.0 28.2 42.2
141 57.8 48.2 72.2



#62
4-Nitroaniline
Concen: 39.950 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.03 min
Lab File: BG044183.D
Acq: 24 Jan 2020 15:48

Tgt Ion:138 Resp: 155694
Ion Ratio Lower Upper
138 100
92 50.6 34.3 74.3
108 71.6 55.0 95.0





#63

Azobenzene

Concen: 45.181 ng

RT: 15.90 min Scan# 2180

Delta R.T. -0.03 min

Lab File: BG044183.D

Acq: 24 Jan 2020 15:48

Instrument :

BNA_G

ClientSampleId :

PB126320BS

Tgt Ion: 77 Resp: 644368

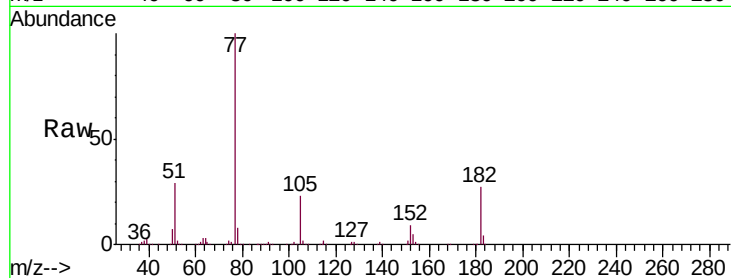
Ion Ratio Lower Upper

77 100

182 26.7 7.3 47.3

105 23.1 3.2 43.2

51 28.7 10.6 50.6

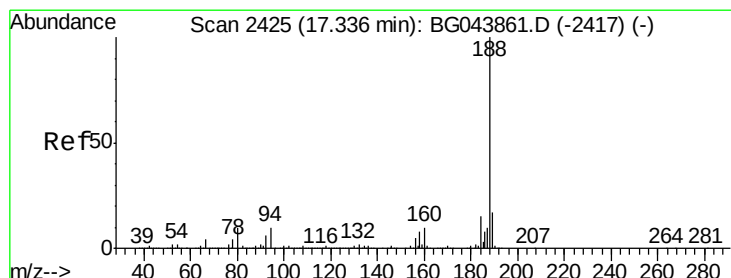
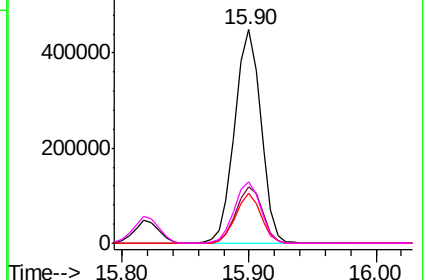
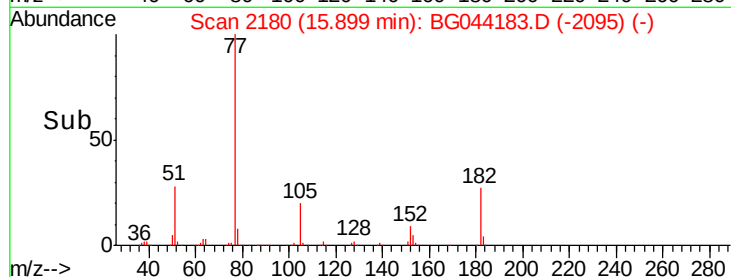


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2420

Delta R.T. -0.03 min

Lab File: BG044183.D

Acq: 24 Jan 2020 15:48

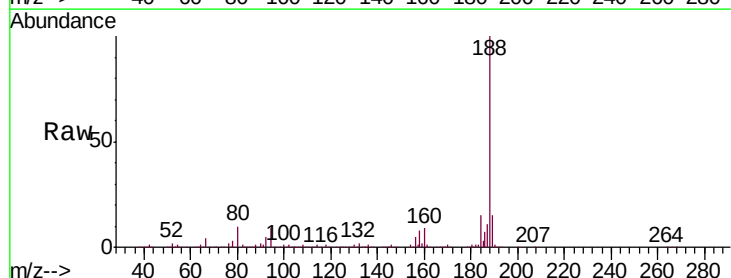
Tgt Ion: 188 Resp: 465575

Ion Ratio Lower Upper

188 100

94 8.9 7.9 11.9

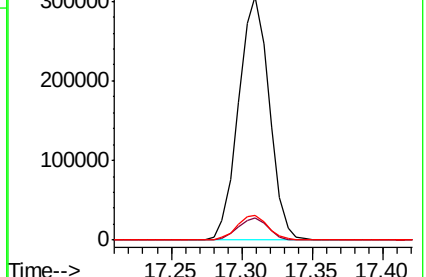
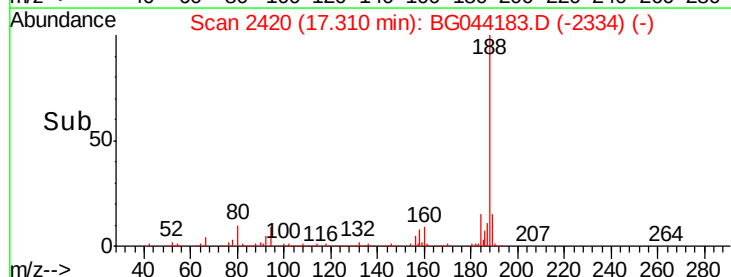
80 10.2 8.2 12.4

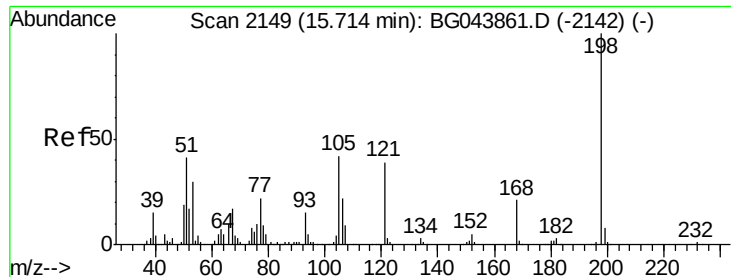


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 48.497 ng

RT: 15.69 min Scan# 2144

Delta R.T. -0.03 min

Lab File: BG044183.D

Acq: 24 Jan 2020 15:48

Instrument :

BNA_G

ClientSampleId :

PB126320BS

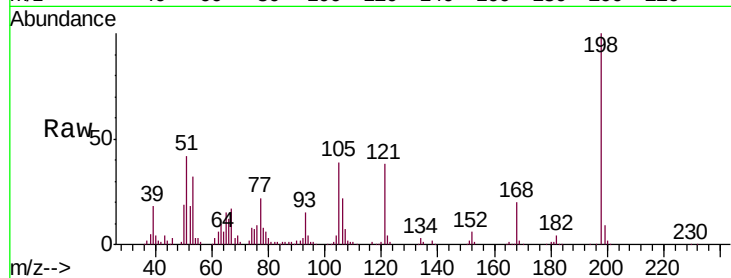
Tgt Ion:198 Resp: 116454

Ion Ratio Lower Upper

198 100

51 41.6 22.5 62.5

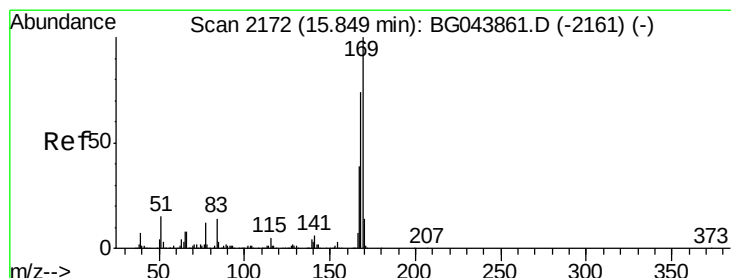
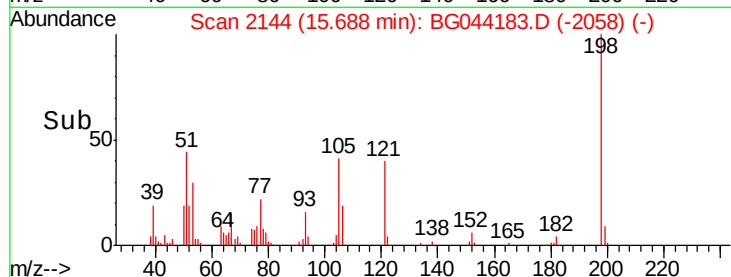
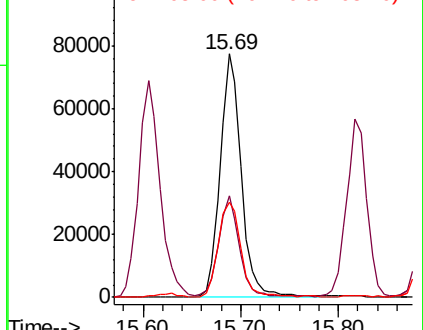
105 39.1 22.3 62.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.776 ng

RT: 15.82 min Scan# 2166

Delta R.T. -0.03 min

Lab File: BG044183.D

Acq: 24 Jan 2020 15:48

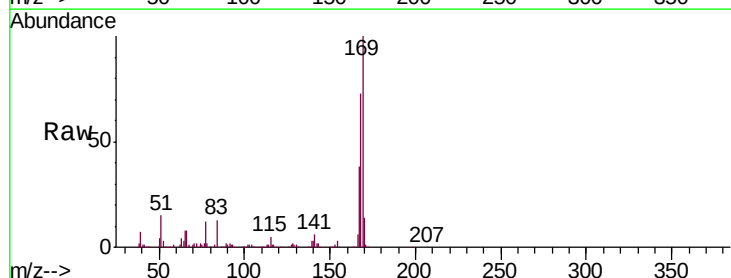
Tgt Ion:169 Resp: 586483

Ion Ratio Lower Upper

169 100

168 72.5 59.0 88.6

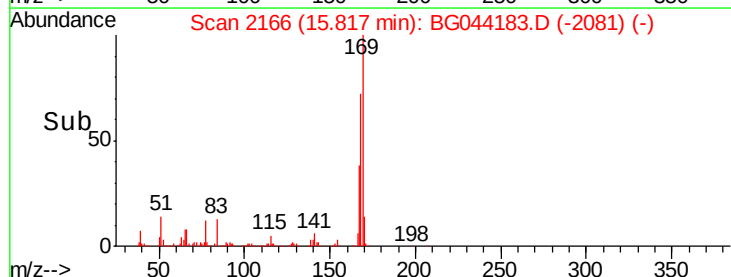
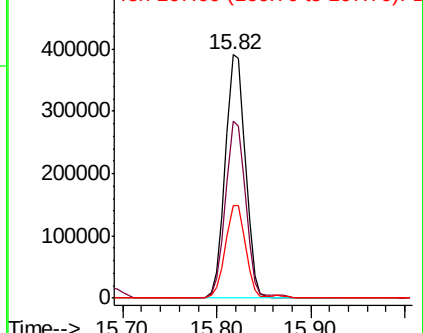
167 38.1 31.4 47.0

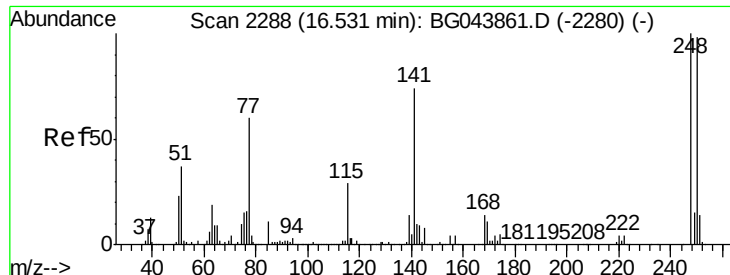


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

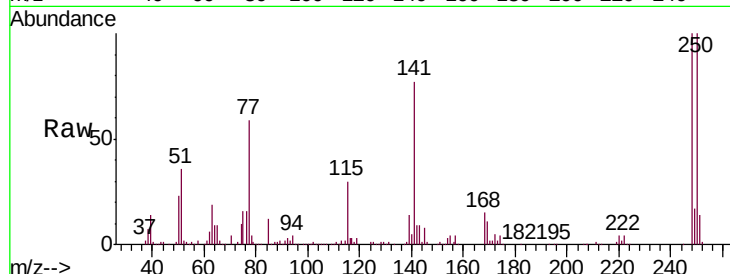




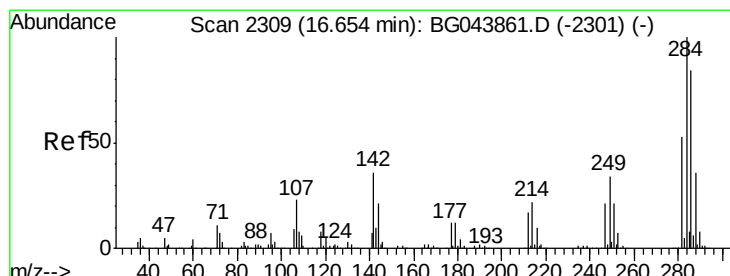
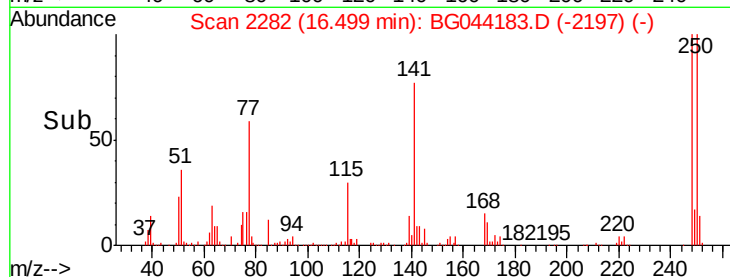
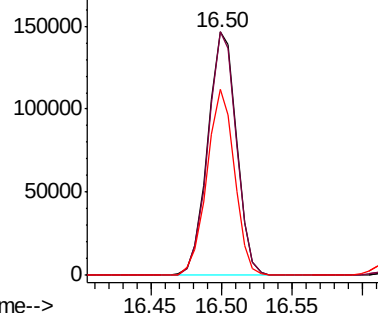
#67
 4-Bromophenyl-phenylether
 Concen: 39.782 ng
 RT: 16.50 min Scan# 2282
 Delta R.T. -0.03 min
 Lab File: BG044183.D
 Acq: 24 Jan 2020 15:48

Instrument :
 BNA_G
 ClientSampleId :
 PB126320BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.9	78.2	117.2
141	76.6	59.3	88.9

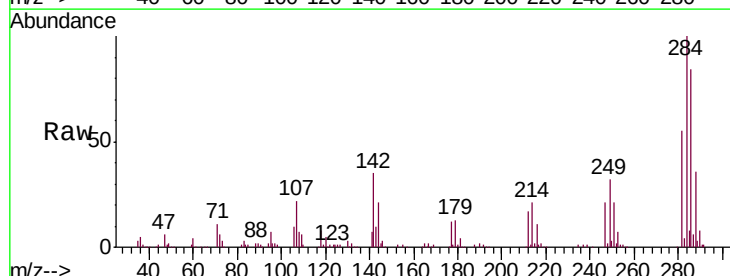


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

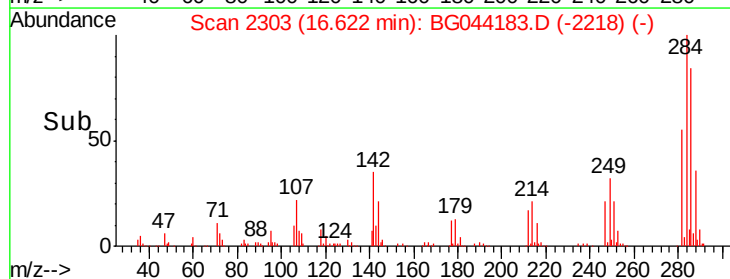
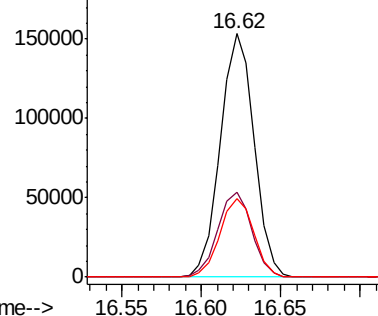


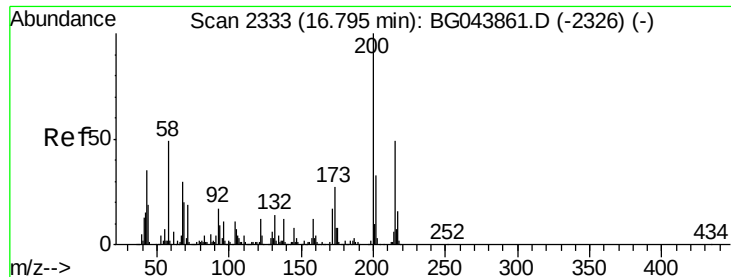
#68
 Hexachlorobenzene
 Concen: 40.287 ng
 RT: 16.62 min Scan# 2303
 Delta R.T. -0.03 min
 Lab File: BG044183.D
 Acq: 24 Jan 2020 15:48

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.0	28.6	43.0
249	32.0	27.0	40.6



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





#69

Atrazine

Concen: 48.827 ng

RT: 16.77 min Scan# 2328

Delta R.T. -0.03 min

Lab File: BG044183.D

Acq: 24 Jan 2020 15:48

Instrument :

BNA_G

ClientSampleId :

PB126320BS

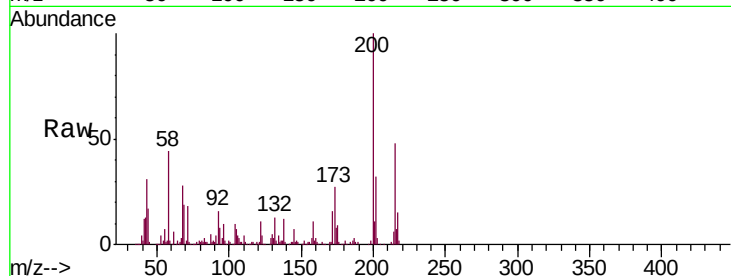
Tgt Ion:200 Resp: 217607

Ion Ratio Lower Upper

200 100

173 27.3 6.6 46.6

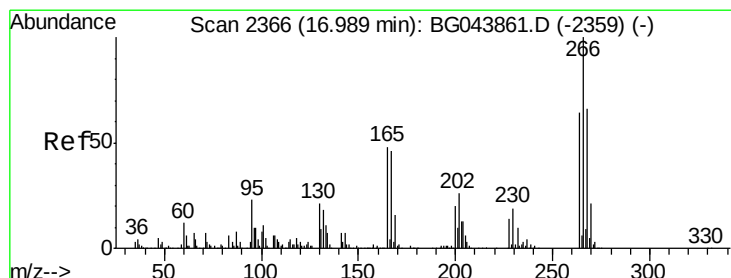
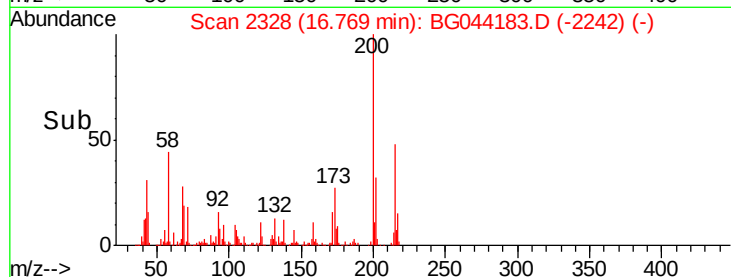
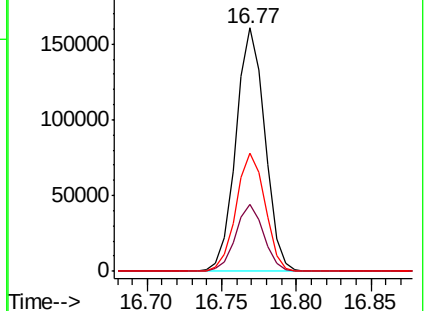
215 48.3 28.6 68.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 75.385 ng

RT: 16.96 min Scan# 2361

Delta R.T. -0.03 min

Lab File: BG044183.D

Acq: 24 Jan 2020 15:48

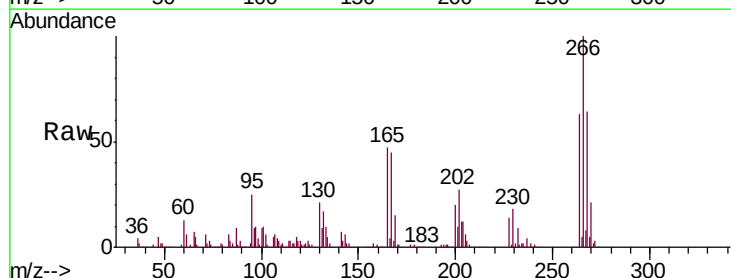
Tgt Ion:266 Resp: 234469

Ion Ratio Lower Upper

266 100

268 64.4 52.6 79.0

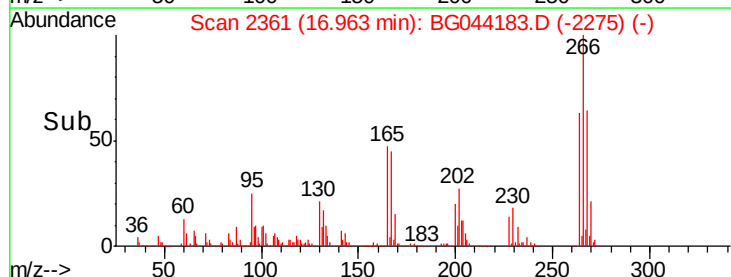
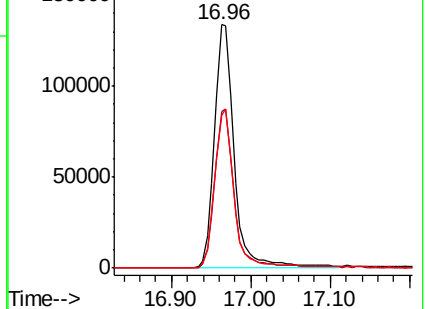
264 62.8 50.8 76.2

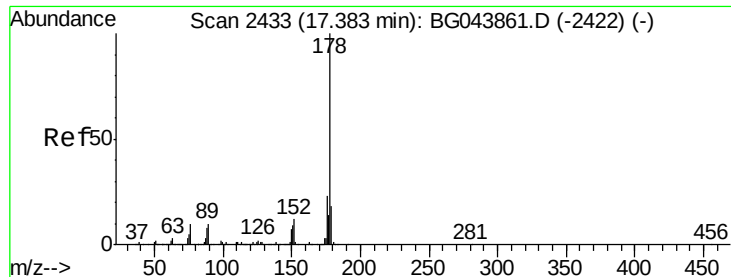


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

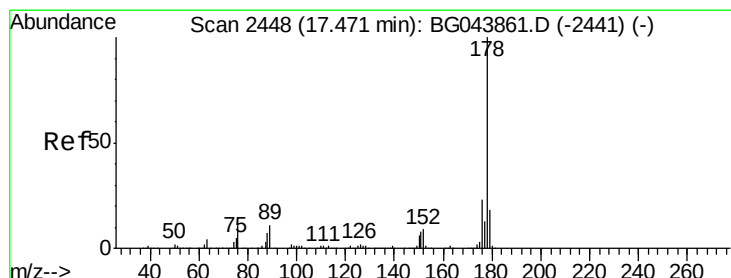
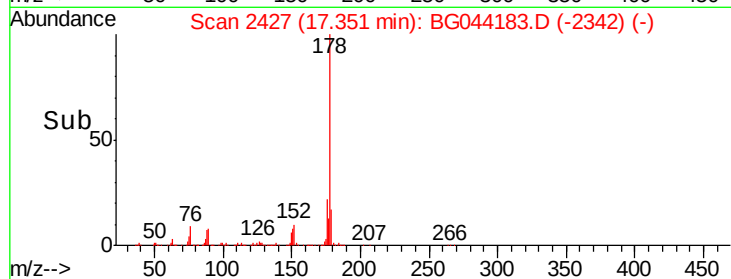
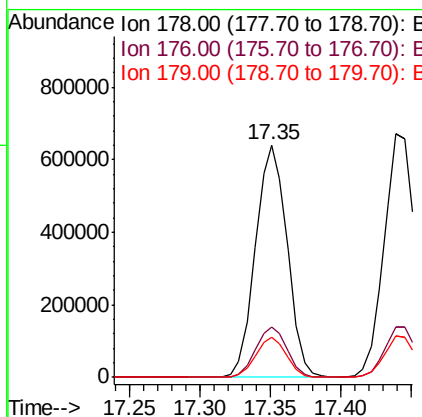
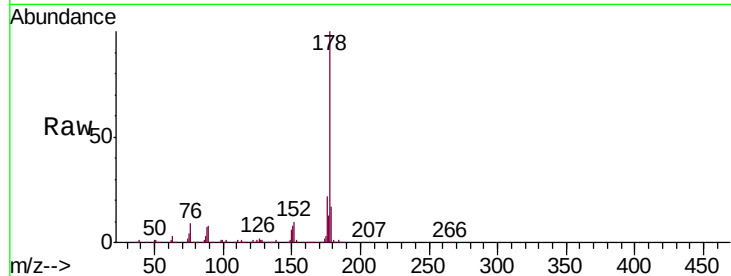




#71
Phenanthrene
Concen: 45.246 ng
RT: 17.35 min Scan# 2427
Delta R.T. -0.03 min
Lab File: BG044183.D
Acq: 24 Jan 2020 15:48

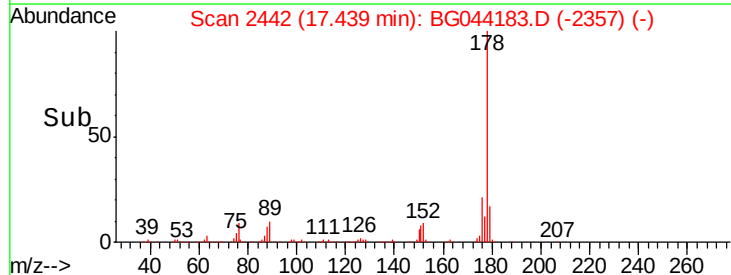
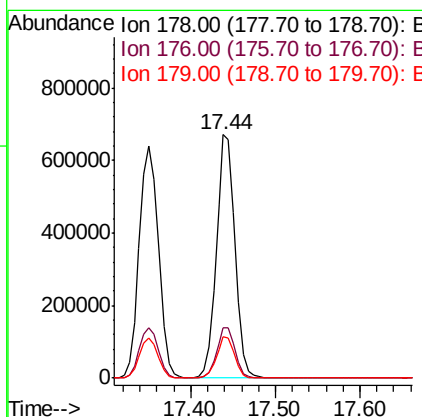
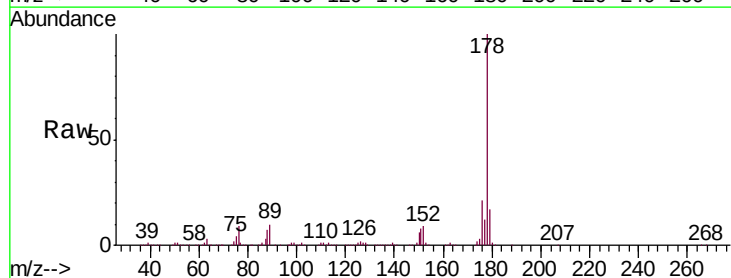
Instrument :
BNA_G
ClientSampleId :
PB126320BS

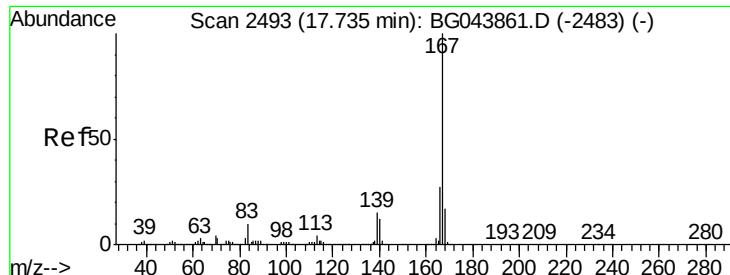
Tgt Ion:178 Resp: 1010410
Ion Ratio Lower Upper
178 100
176 21.6 18.6 28.0
179 17.0 14.4 21.6



#72
Anthracene
Concen: 46.859 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.03 min
Lab File: BG044183.D
Acq: 24 Jan 2020 15:48

Tgt Ion:178 Resp: 1034166
Ion Ratio Lower Upper
178 100
176 20.9 18.3 27.5
179 17.2 14.6 22.0





#73

Carbazole

Concen: 45.250 ng

RT: 17.71 min Scan# 2488

Delta R.T. -0.03 min

Lab File: BG044183.D

Acq: 24 Jan 2020 15:48

Instrument :

BNA_G

ClientSampleId :

PB126320BS

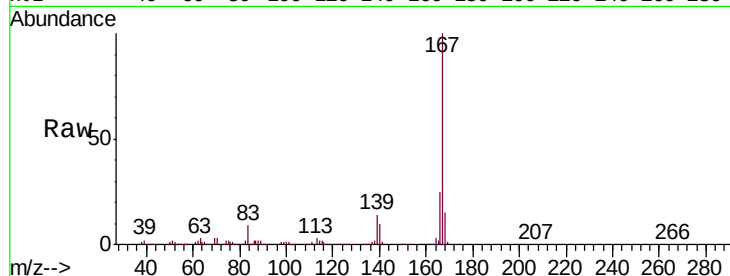
Tgt Ion:167 Resp: 922476

Ion Ratio Lower Upper

167 100

166 24.8 21.6 32.4

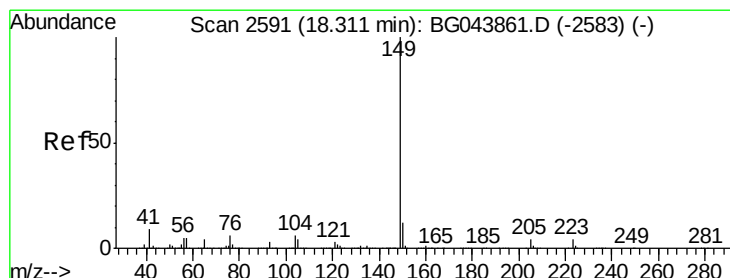
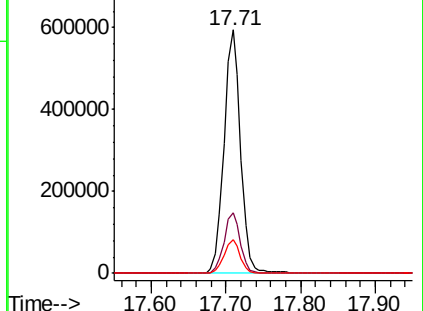
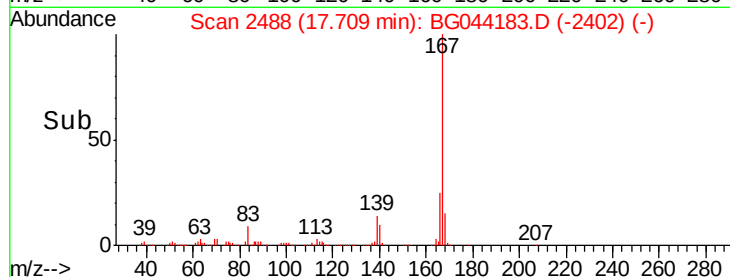
139 13.7 12.1 18.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.923 ng

RT: 18.28 min Scan# 2585

Delta R.T. -0.03 min

Lab File: BG044183.D

Acq: 24 Jan 2020 15:48

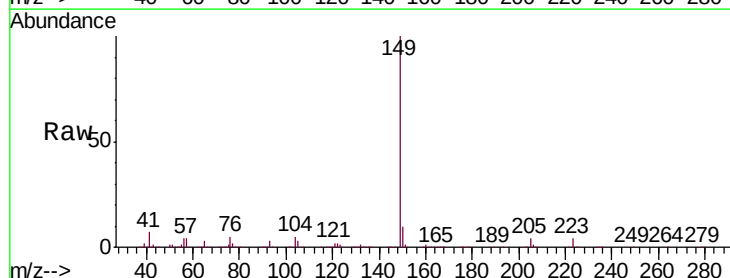
Tgt Ion:149 Resp: 1143242

Ion Ratio Lower Upper

149 100

150 10.1 9.7 14.5

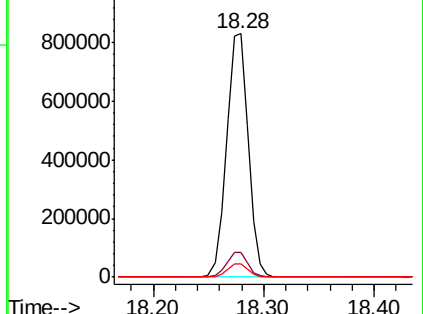
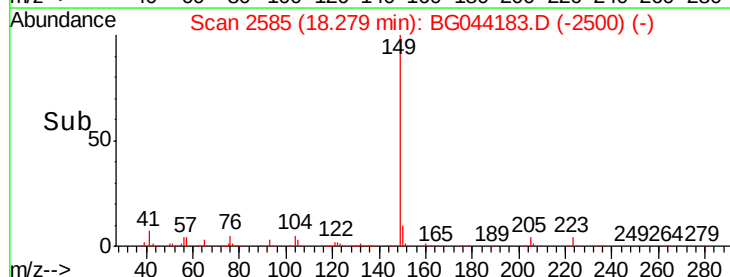
104 5.3 5.0 7.4

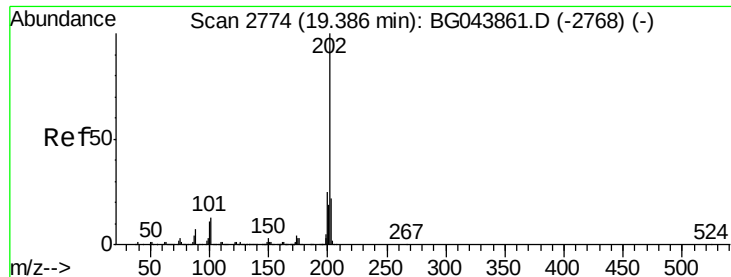


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 45.292 ng

RT: 19.36 min Scan# 2769

Delta R.T. -0.03 min

Lab File: BG044183.D

Acq: 24 Jan 2020 15:48

Instrument :

BNA_G

ClientSampleId :

PB126320BS

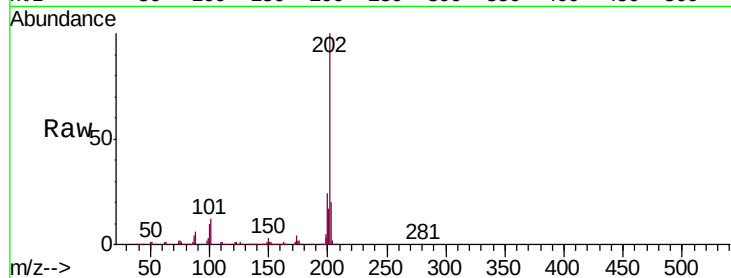
Tgt Ion:202 Resp: 1156719

Ion Ratio Lower Upper

202 100

101 11.8 0.0 33.3

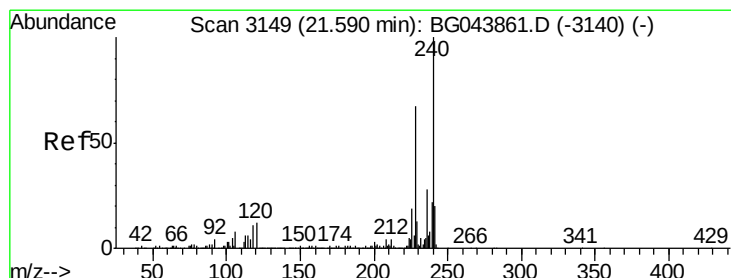
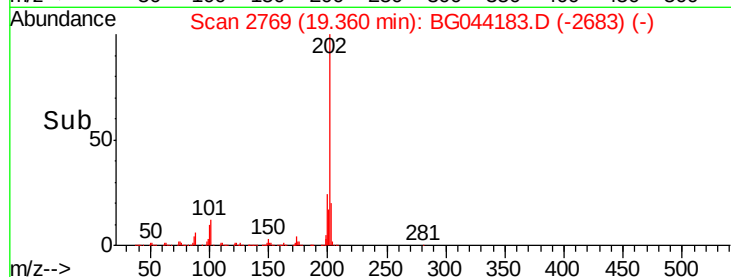
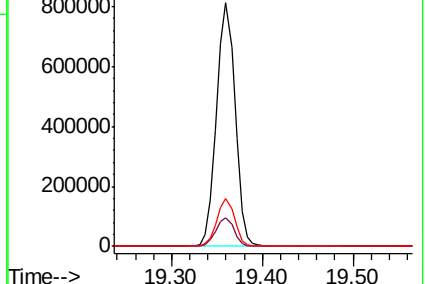
203 19.5 1.6 41.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.56 min Scan# 3143

Delta R.T. -0.03 min

Lab File: BG044183.D

Acq: 24 Jan 2020 15:48

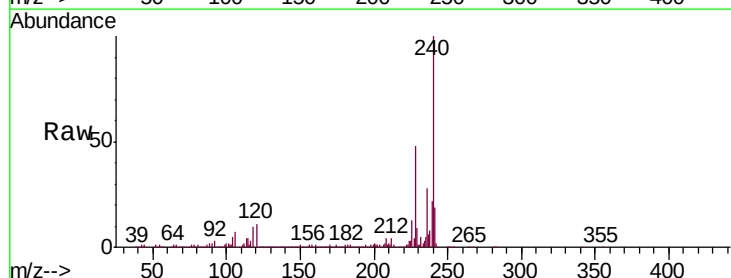
Tgt Ion:240 Resp: 401084

Ion Ratio Lower Upper

240 100

120 10.6 9.6 14.4

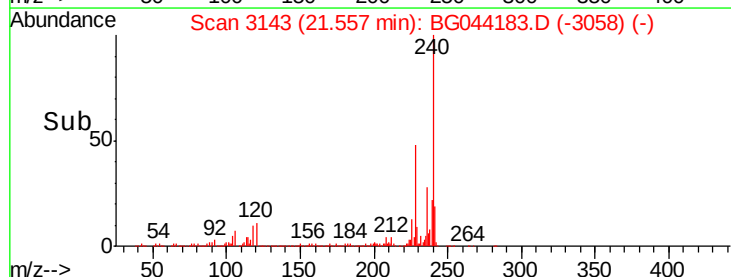
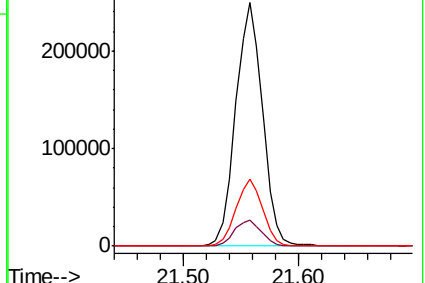
236 27.5 22.2 33.2

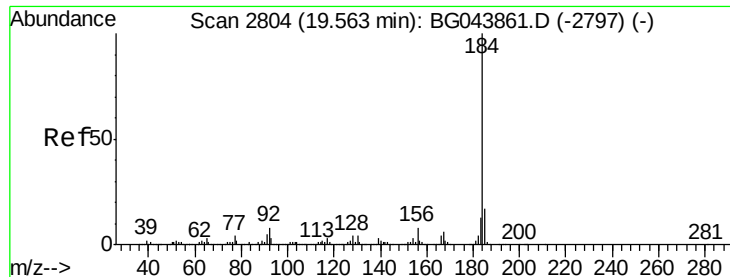


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 46.036 ng

RT: 19.54 min Scan# 2799

Delta R.T. -0.03 min

Lab File: BG044183.D

Acq: 24 Jan 2020 15:48

Instrument :

BNA_G

ClientSampleId :

PB126320BS

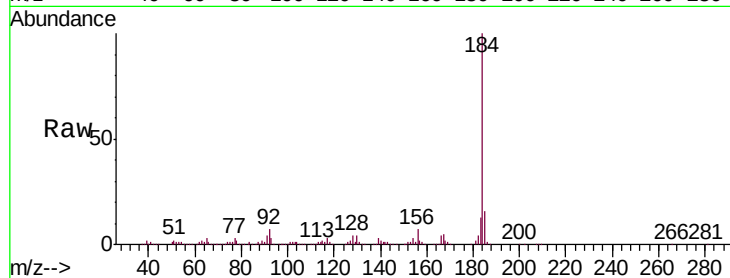
Tgt Ion:184 Resp: 464117

Ion Ratio Lower Upper

184 100

185 15.6 13.4 20.0

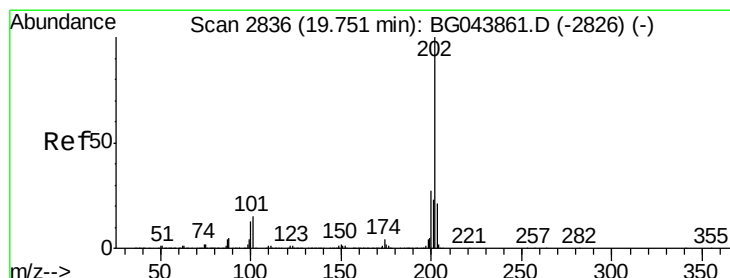
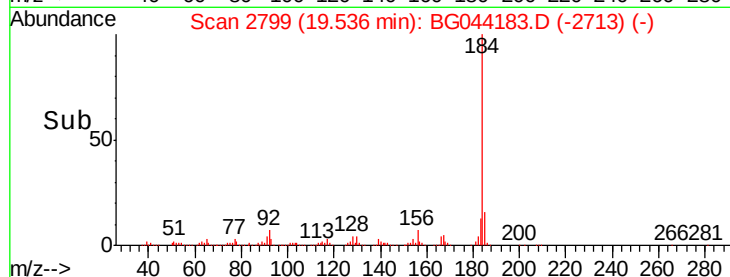
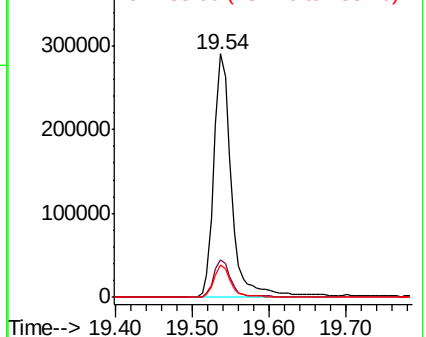
183 13.5 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.573 ng

RT: 19.72 min Scan# 2830

Delta R.T. -0.03 min

Lab File: BG044183.D

Acq: 24 Jan 2020 15:48

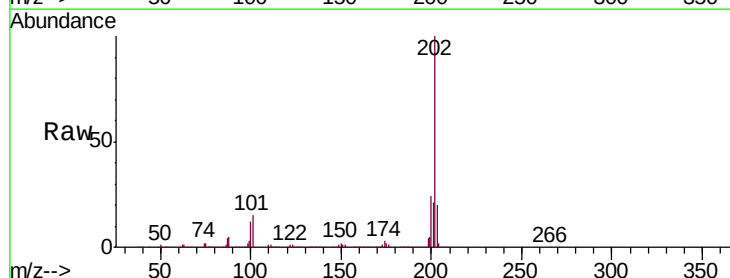
Tgt Ion:202 Resp: 1166937

Ion Ratio Lower Upper

202 100

200 24.2 21.7 32.5

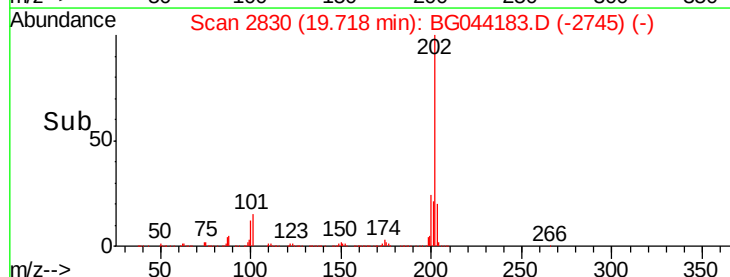
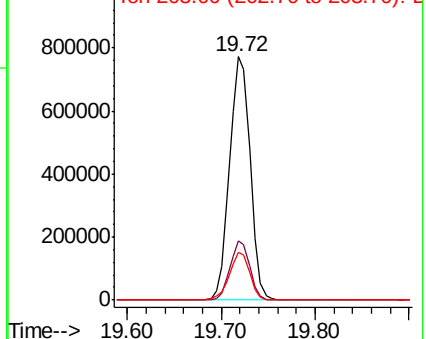
203 19.7 17.0 25.6

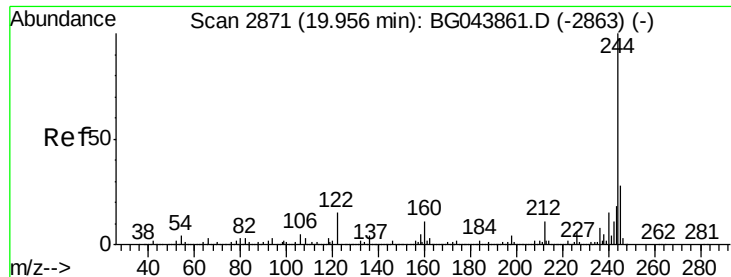


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.316 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044183.D

Acq: 24 Jan 2020 15:48

Instrument :

BNA_G

ClientSampleId :

PB126320BS

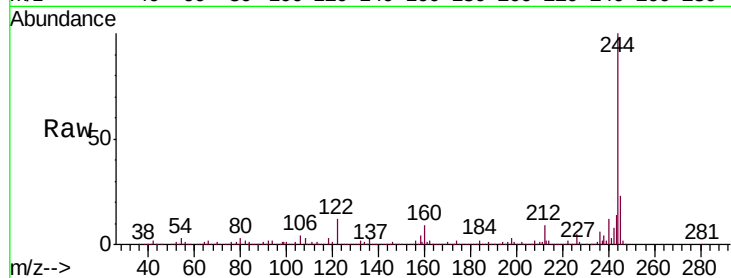
Tgt Ion:244 Resp: 1442156

Ion Ratio Lower Upper

244 100

212 8.6 8.6 13.0#

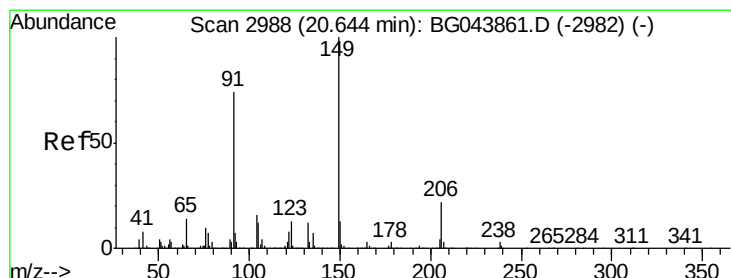
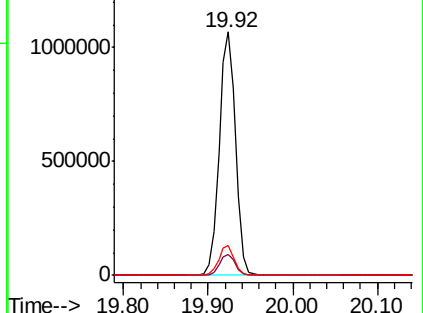
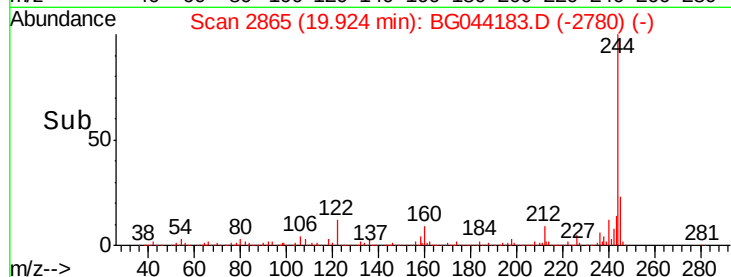
122 12.0 11.9 17.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.527 ng

RT: 20.61 min Scan# 2982

Delta R.T. -0.03 min

Lab File: BG044183.D

Acq: 24 Jan 2020 15:48

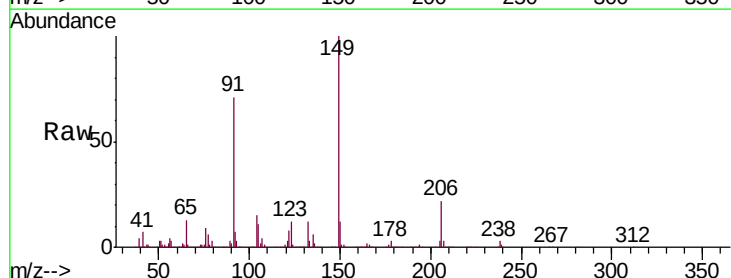
Tgt Ion:149 Resp: 530062

Ion Ratio Lower Upper

149 100

91 70.5 59.5 89.3

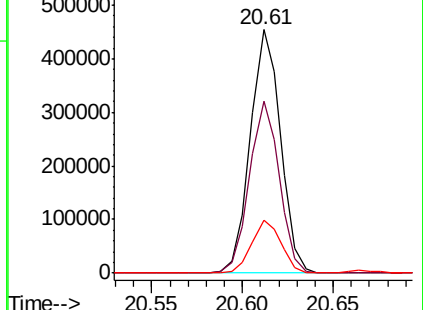
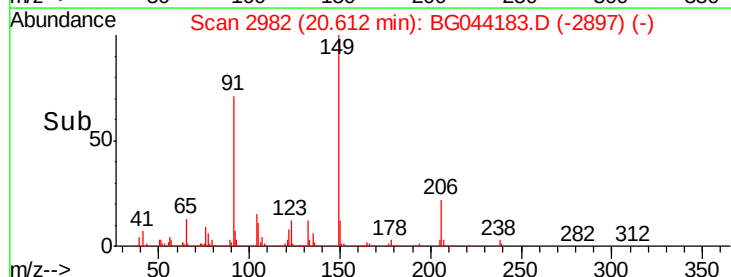
206 21.7 17.8 26.6

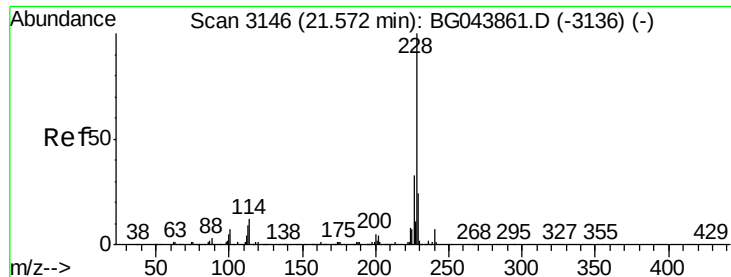


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

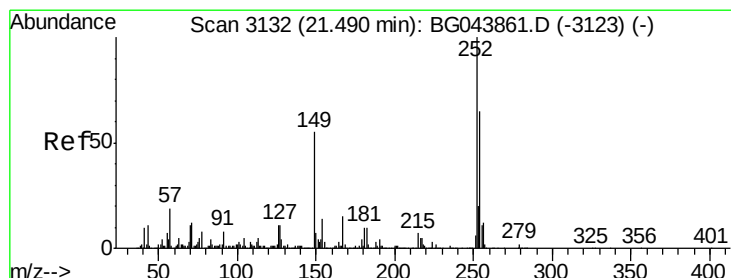
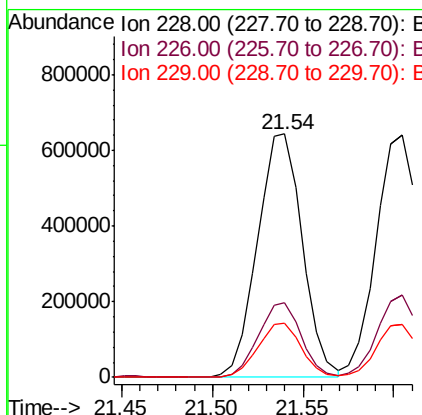
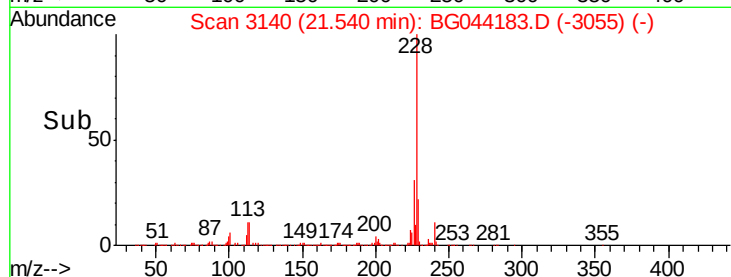
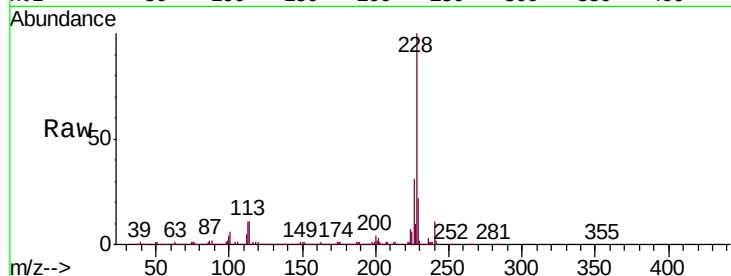




#81
Benzo(a)anthracene
Concen: 44.465 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.03 min
Lab File: BG044183.D
Acq: 24 Jan 2020 15:48

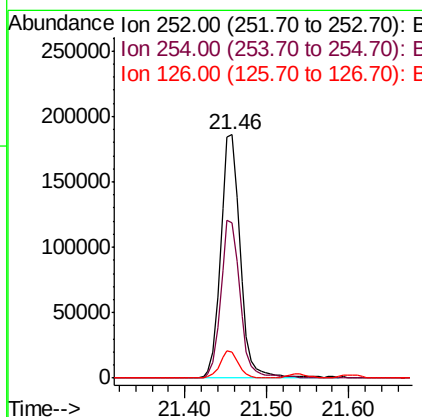
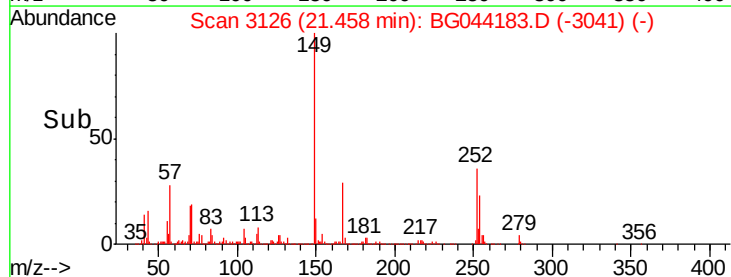
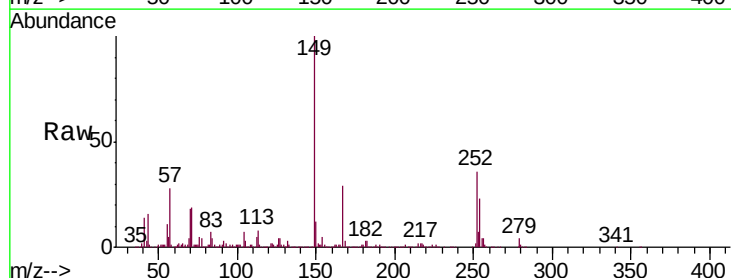
Instrument :
BNA_G
ClientSampleId :
PB126320BS

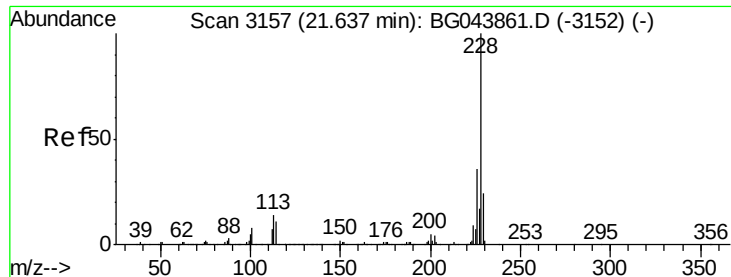
Tgt Ion:228 Resp: 1105858
Ion Ratio Lower Upper
228 100
226 30.9 26.2 39.4
229 22.4 18.9 28.3



#82
3,3'-Dichlorobenzidine
Concen: 31.603 ng
RT: 21.46 min Scan# 3126
Delta R.T. -0.03 min
Lab File: BG044183.D
Acq: 24 Jan 2020 15:48

Tgt Ion:252 Resp: 310516
Ion Ratio Lower Upper
252 100
254 63.6 52.1 78.1
126 10.9 9.1 13.7





#83

Chrysene

Concen: 44.817 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.03 min

Lab File: BG044183.D

Acq: 24 Jan 2020 15:48

Instrument :

BNA_G

ClientSampleId :

PB126320BS

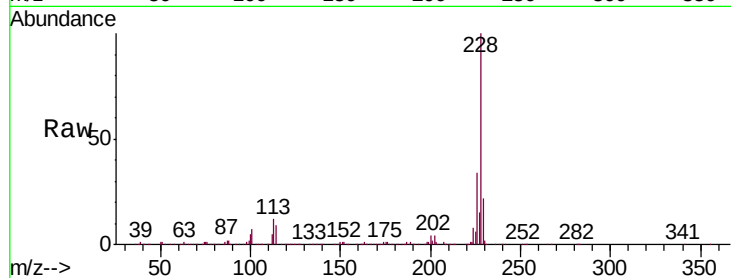
Tgt Ion:228 Resp: 1059083

Ion Ratio Lower Upper

228 100

226 33.9 28.8 43.2

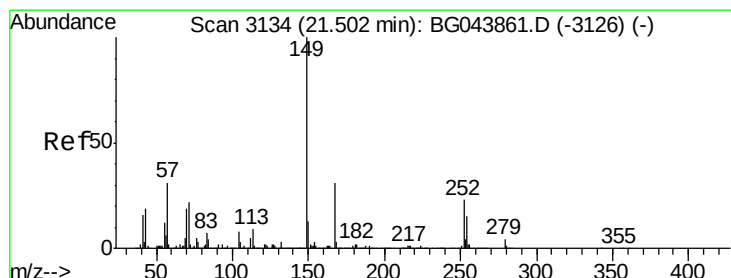
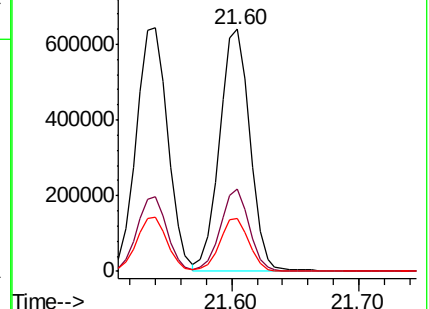
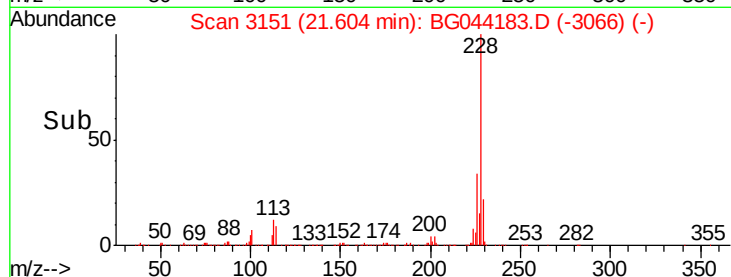
229 21.9 19.0 28.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.624 ng

RT: 21.46 min Scan# 3127

Delta R.T. -0.04 min

Lab File: BG044183.D

Acq: 24 Jan 2020 15:48

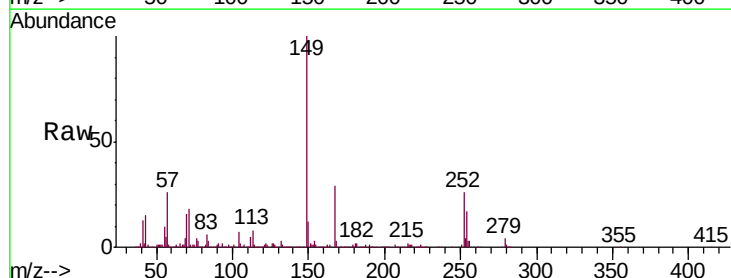
Tgt Ion:149 Resp: 750251

Ion Ratio Lower Upper

149 100

167 29.1 24.7 37.1

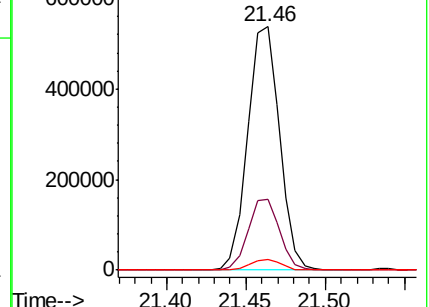
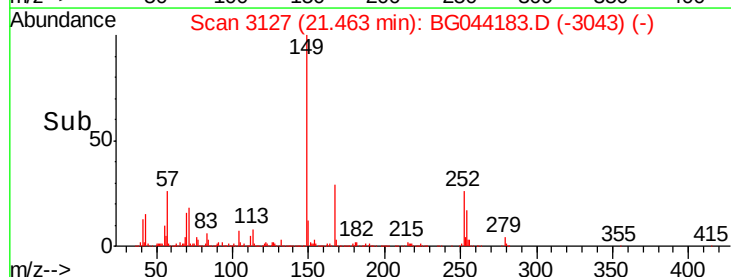
279 4.2 3.3 4.9

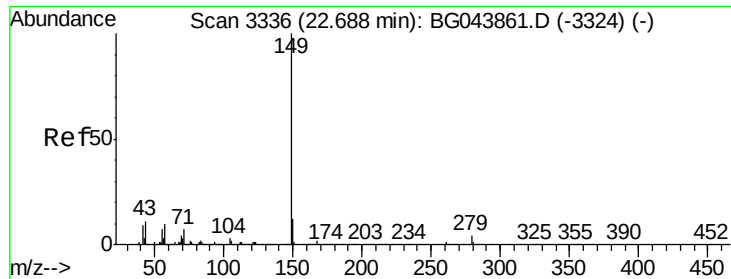


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

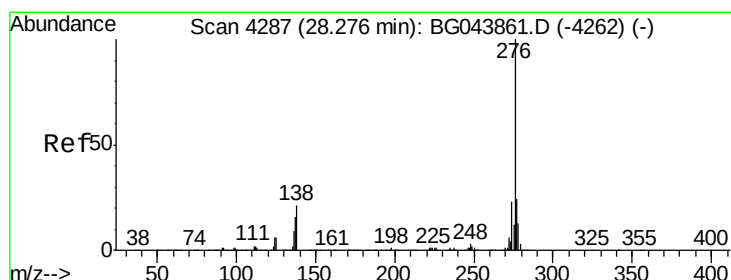
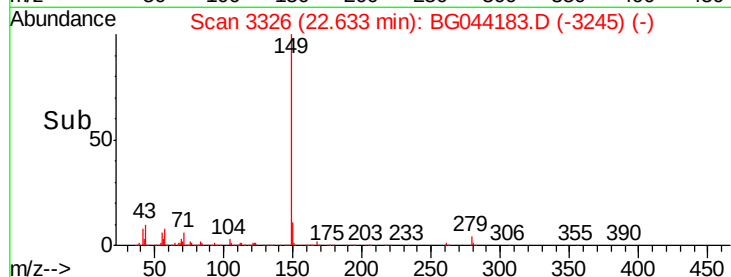
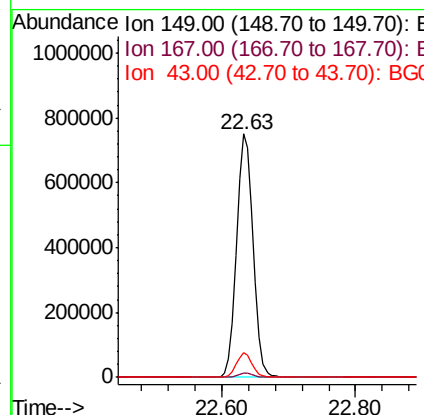
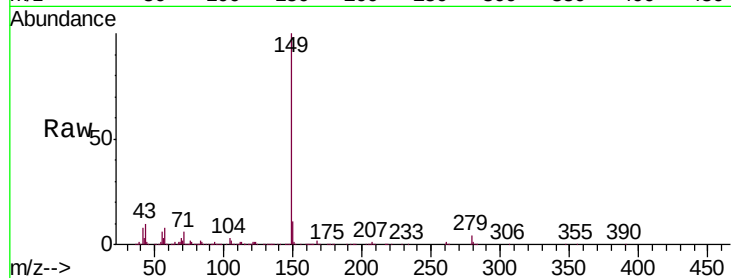




#85
Di-n-octyl phthalate
Concen: 45.215 ng
RT: 22.63 min Scan# 3326
Delta R.T. -0.06 min
Lab File: BG044183.D
Acq: 24 Jan 2020 15:48

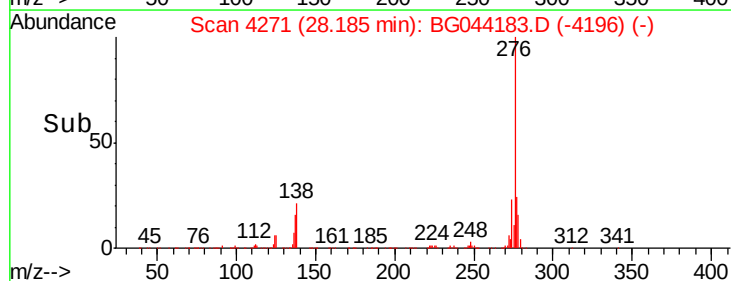
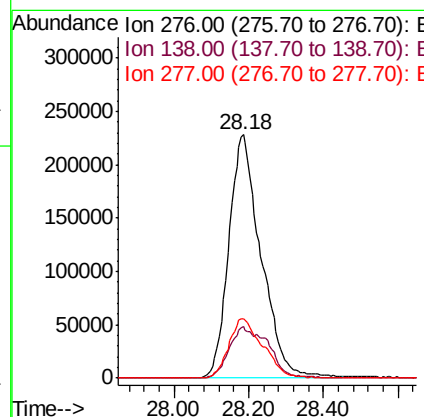
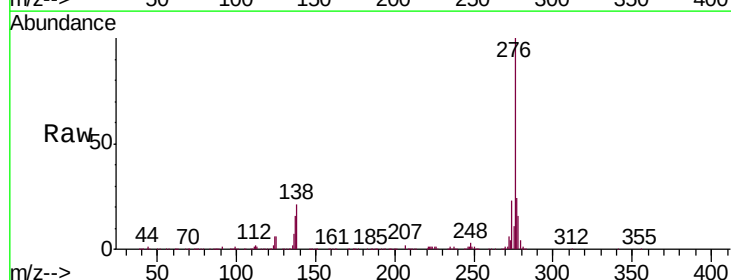
Instrument :
BNA_G
ClientSampleId :
PB126320BS

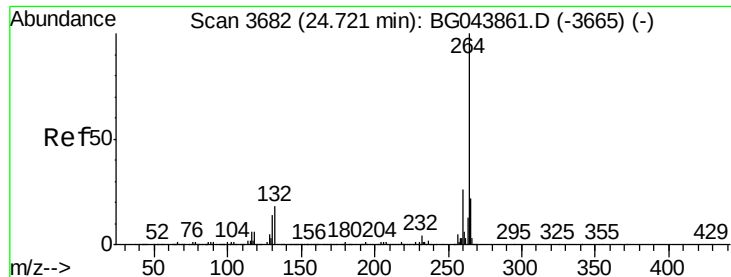
Tgt Ion:149 Resp: 1307293
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 9.5 8.8 13.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.617 ng
RT: 28.18 min Scan# 4271
Delta R.T. -0.09 min
Lab File: BG044183.D
Acq: 24 Jan 2020 15:48

Tgt Ion:276 Resp: 1368662
Ion Ratio Lower Upper
276 100
138 15.2 21.0 31.4#
277 25.7 21.1 31.7





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.66 min Scan# 3671

Delta R.T. -0.06 min

Lab File: BG044183.D

Acq: 24 Jan 2020 15:48

Instrument :

BNA_G

ClientSampleId :

PB126320BS

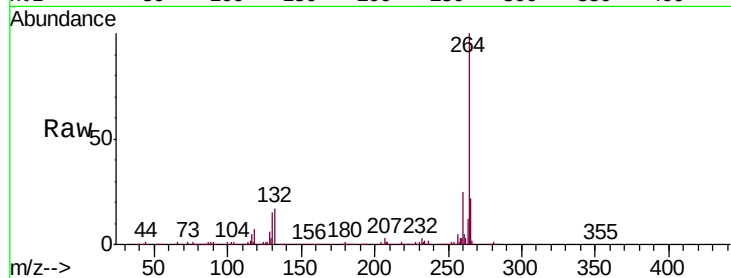
Tgt Ion:264 Resp: 456207

Ion Ratio Lower Upper

264 100

260 25.0 20.4 30.6

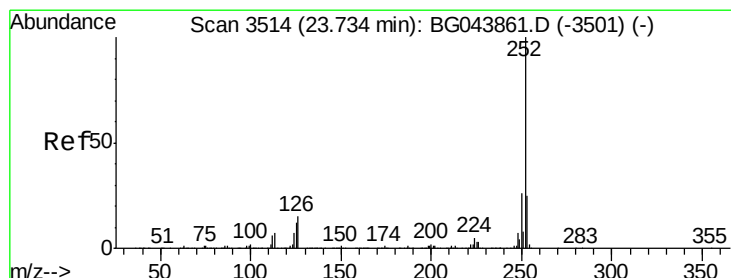
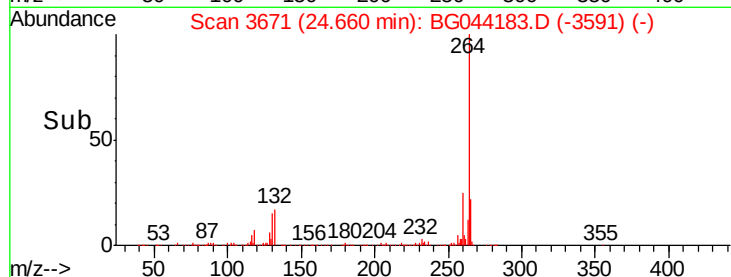
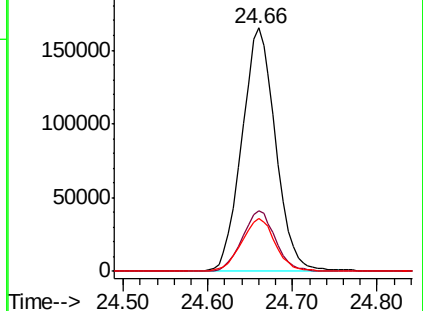
265 21.6 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.443 ng

RT: 23.68 min Scan# 3504

Delta R.T. -0.06 min

Lab File: BG044183.D

Acq: 24 Jan 2020 15:48

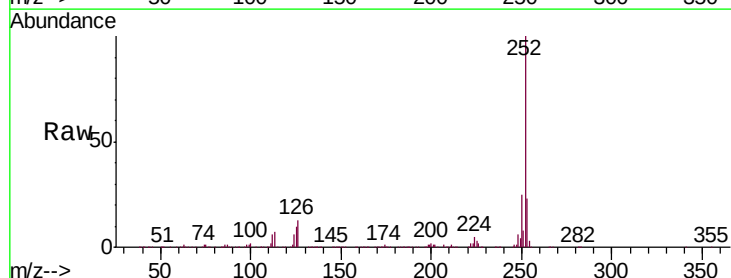
Tgt Ion:252 Resp: 1171657

Ion Ratio Lower Upper

252 100

253 23.2 19.7 29.5

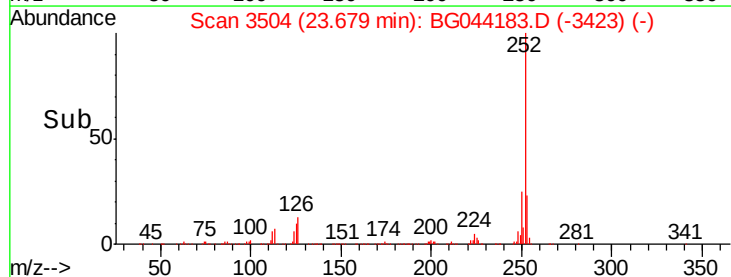
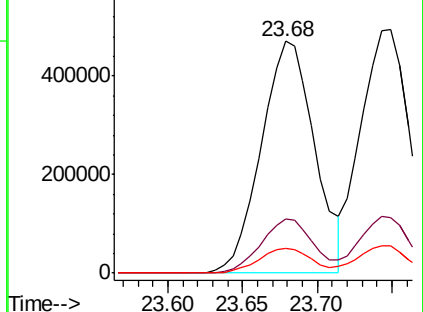
125 10.4 9.4 14.2

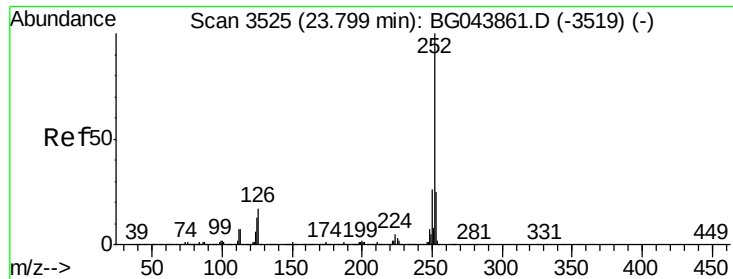


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

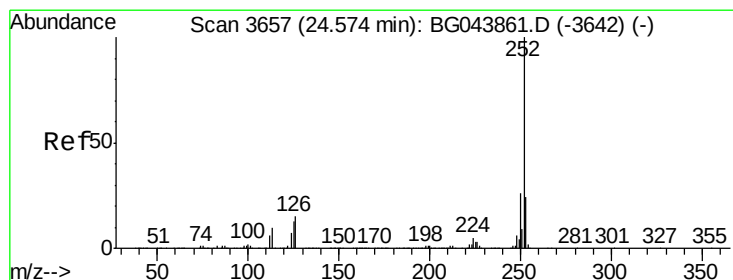
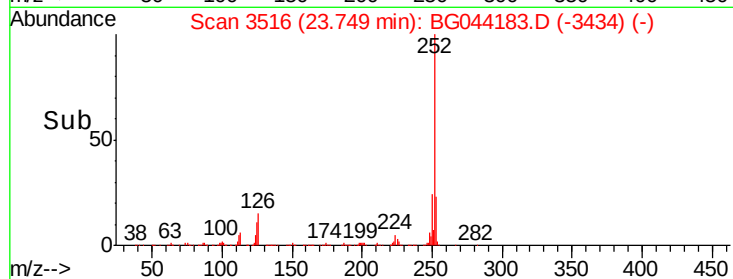
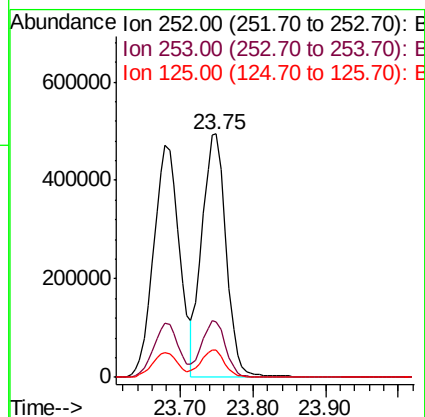
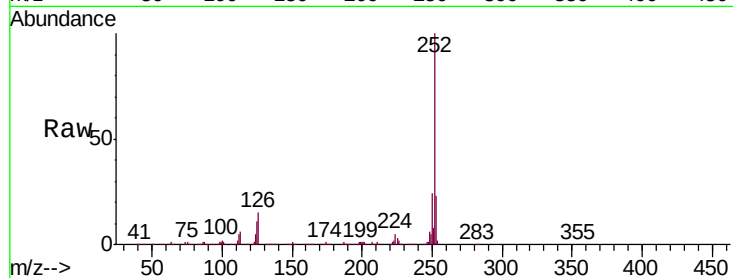




#89
Benzo(k)fluoranthene
Concen: 44.448 ng
RT: 23.75 min Scan# 3516
Delta R.T. -0.05 min
Lab File: BG044183.D
Acq: 24 Jan 2020 15:48

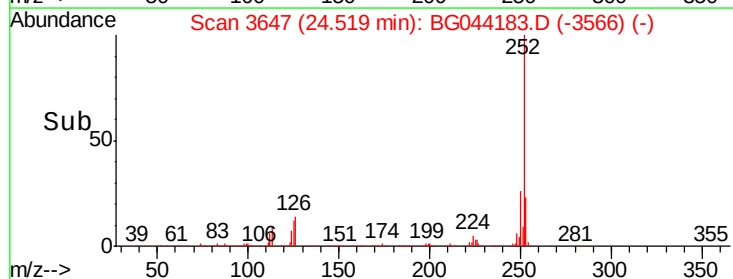
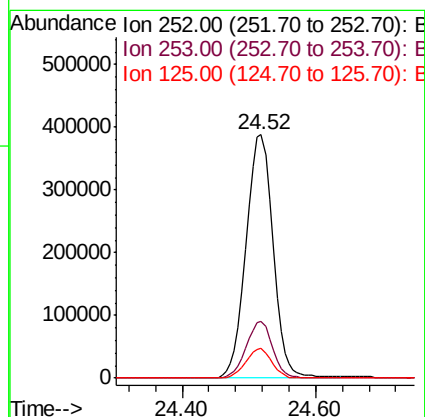
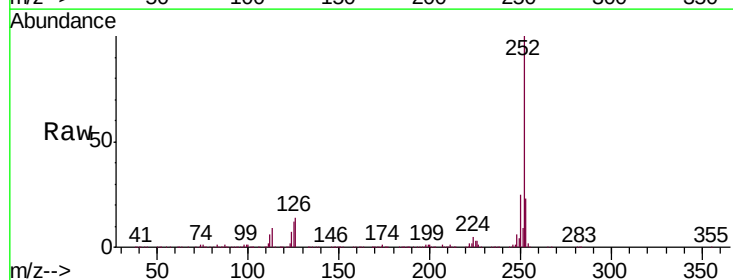
Instrument :
BNA_G
ClientSampleId :
PB126320BS

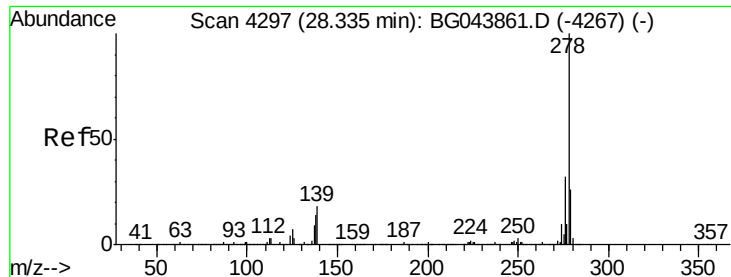
Tgt Ion:252 Resp: 1139928
Ion Ratio Lower Upper
252 100
253 22.8 19.4 29.2
125 11.1 9.9 14.9



#90
Benzo(a)pyrene
Concen: 42.292 ng
RT: 24.52 min Scan# 3647
Delta R.T. -0.06 min
Lab File: BG044183.D
Acq: 24 Jan 2020 15:48

Tgt Ion:252 Resp: 1076523
Ion Ratio Lower Upper
252 100
253 23.1 19.3 28.9
125 12.1 10.4 15.6





#91

Dibenzo(a,h)anthracene

Concen: 43.876 ng

RT: 28.25 min Scan# 4282

Delta R.T. -0.09 min

Lab File: BG044183.D

Acq: 24 Jan 2020 15:48

Instrument :

BNA_G

ClientSampleId :

PB126320BS

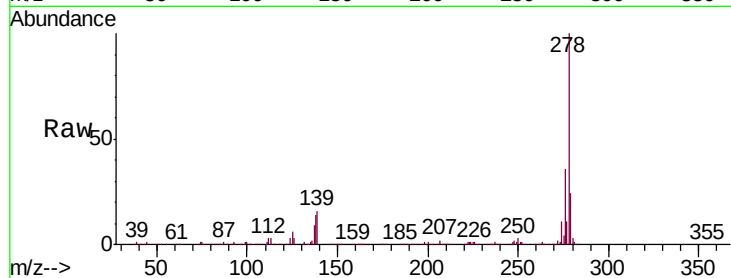
Tgt Ion:278 Resp: 1121645

Ion Ratio Lower Upper

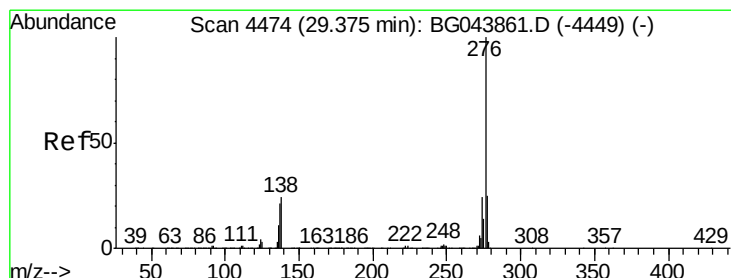
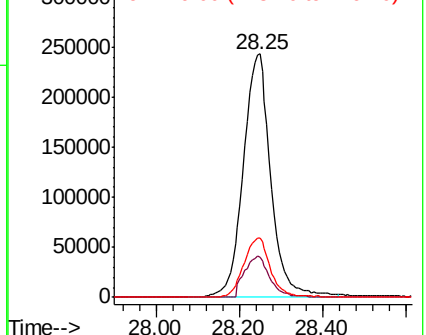
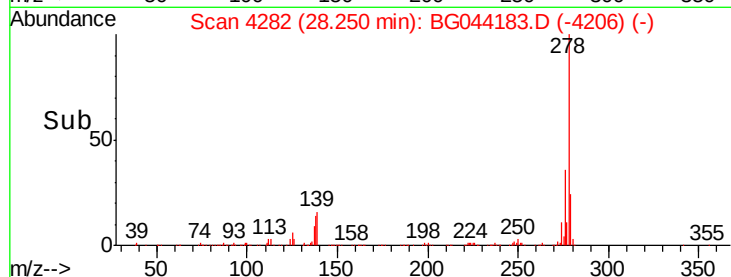
278 100

139 16.4 14.2 21.4

279 24.2 20.6 30.8



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.934 ng

RT: 29.28 min Scan# 4458

Delta R.T. -0.09 min

Lab File: BG044183.D

Acq: 24 Jan 2020 15:48

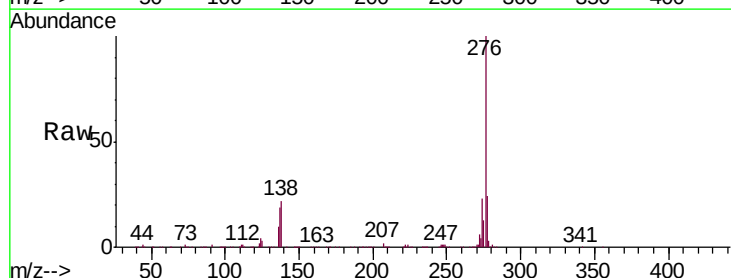
Tgt Ion:276 Resp: 1141019

Ion Ratio Lower Upper

276 100

277 24.2 20.2 30.4

138 22.0 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

