

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
 Data File : BG044523.D
 Acq On : 20 Feb 2020 16:38
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 21 06:48:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	86305	20.00	ng	-0.03
21) Naphthalene-d8	10.68	136	349781	20.00	ng	-0.02
39) Acenaphthene-d10	14.52	164	221263	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	495520	20.00	ng	-0.02
76) Chrysene-d12	21.51	240	488770	20.00	ng	-0.03
87) Perylene-d12	24.58	264	537520	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	414191	84.70	ng	-0.02
7) Phenol-d6	7.06	99	558305	85.02	ng	-0.02
23) Nitrobenzene-d5	9.04	82	513557	82.89	ng	-0.02
42) 2,4,6-Tribromophenol	16.02	330	232111	89.36	ng	-0.01
45) 2-Fluorobiphenyl	13.14	172	1125913	85.21	ng	-0.02
79) Terphenyl-d14	19.89	244	1703883	71.70	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	89088	40.547	ng	99
3) Pyridine	3.74	79	252708	43.171	ng	99
4) n-Nitrosodimethylamine	3.65	42	99094	40.511	ng	97
6) Aniline	7.21	93	334661	41.057	ng	99
8) 2-Chlorophenol	7.45	128	224406	41.754	ng	97
9) Benzaldehyde	7.02	77	147445	39.423	ng	98
10) Phenol	7.09	94	274211	42.193	ng	99
11) bis(2-Chloroethyl)ether	7.30	93	225151	40.523	ng	98
12) 1,3-Dichlorobenzene	7.77	146	263856	41.118	ng	97
13) 1,4-Dichlorobenzene	7.92	146	265227	41.731	ng	99
14) 1,2-Dichlorobenzene	8.24	146	252552	42.041	ng	98
15) Benzyl Alcohol	8.12	79	194154	41.761	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.41	45	306951	40.817	ng	98
17) 2-Methylphenol	8.33	107	194312	41.906	ng	99
18) Hexachloroethane	8.97	117	98104	41.134	ng	95
19) n-Nitroso-di-n-propylamine	8.69	70	174305	39.827	ng	99
20) 3+4-Methylphenols	8.66	107	264813	41.439	ng	99
22) Acetophenone	8.70	105	348431	40.948	ng	# 99
24) Nitrobenzene	9.08	77	247966	40.996	ng	99
25) Isophorone	9.61	82	469329	40.642	ng	99
26) 2-Nitrophenol	9.79	139	137735	43.886	ng	98
27) 2,4-Dimethylphenol	9.86	122	184413	41.626	ng	98
28) bis(2-Chloroethoxy)methane	10.09	93	310162	40.262	ng	99
29) 2,4-Dichlorophenol	10.33	162	226783	42.334	ng	99
30) 1,2,4-Trichlorobenzene	10.55	180	257780	41.966	ng	98
31) Naphthalene	10.73	128	706495	41.631	ng	100
32) Benzoic acid	10.04	122	83069	34.233	ng	96
33) 4-Chloroaniline	10.84	127	322103	41.733	ng	99
34) Hexachlorobutadiene	11.03	225	160558	42.479	ng	97
35) Caprolactam	11.62	113	83437	42.519	ng	98
36) 4-Chloro-3-methylphenol	11.97	107	234686	41.785	ng	99
37) 2-Methylnaphthalene	12.34	142	517651	41.083	ng	99
38) 1-Methylnaphthalene	12.56	142	492239	41.437	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.72	216	285037	43.065	ng	100

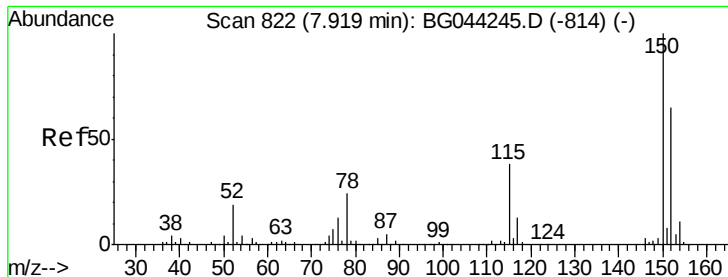
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
 Data File : BG044523.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.70	237	116694	36.744	ng	99
43) 2,4,6-Trichlorophenol	12.96	196	184983	43.239	ng	96
44) 2,4,5-Trichlorophenol	13.04	196	193306	44.238	ng	98
46) 1,1'-Biphenyl	13.35	154	674627	42.270	ng	99
47) 2-Chloronaphthalene	13.40	162	535952	42.200	ng	100
48) 2-Nitroaniline	13.60	65	159060	42.438	ng	99
49) Acenaphthylene	14.25	152	787997	42.303	ng	100
50) Dimethylphthalate	13.98	163	664168	41.758	ng	100
51) 2,6-Dinitrotoluene	14.10	165	149794	42.240	ng	99
52) Acenaphthene	14.59	154	503118	41.670	ng	98
53) 3-Nitroaniline	14.43	138	165728	42.241	ng	96
54) 2,4-Dinitrophenol	14.64	184	77792	41.117	ng	96
55) Dibenzofuran	14.92	168	772976	42.284	ng	99
56) 4-Nitrophenol	14.75	139	124484	43.315	ng	98
57) 2,4-Dinitrotoluene	14.89	165	214889	43.234	ng	96
58) Fluorene	15.58	166	611078	42.441	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.15	232	170278	43.141	ng	97
60) Diethylphthalate	15.35	149	664264	41.914	ng	99
61) 4-Chlorophenyl-phenylether	15.56	204	328577	42.088	ng	99
62) 4-Nitroaniline	15.59	138	171496	43.744	ng	97
63) Azobenzene	15.86	77	568144	40.904	ng	99
65) 4,6-Dinitro-2-methylphenol	15.66	198	115194	42.114	ng	96
66) n-Nitrosodiphenylamine	15.78	169	567266	40.850	ng	100
67) 4-Bromophenyl-phenylether	16.46	248	221897	41.102	ng	99
68) Hexachlorobenzene	16.59	284	251090	41.514	ng	99
69) Atrazine	16.73	200	181811	38.198	ng	97
70) Pentachlorophenol	16.93	266	117554	40.067	ng	98
71) Phenanthrene	17.31	178	1002938	41.798	ng	99
72) Anthracene	17.40	178	991364	41.790	ng	99
73) Carbazole	17.67	167	926295	42.355	ng	99
74) Di-n-butylphthalate	18.24	149	1152007	42.627	ng	99
75) Fluoranthene	19.32	202	1204924	43.409	ng	99
77) Benzidine	19.50	184	648324	47.821	ng	99
78) Pyrene	19.68	202	1209893	38.545	ng	99
80) Butylbenzylphthalate	20.58	149	555201	38.814	ng	99
81) Benzo(a)anthracene	21.49	228	1206837	40.063	ng	100
82) 3,3'-Dichlorobenzidine	21.41	252	483342	41.342	ng	98
83) Chrysene	21.56	228	1151364	39.543	ng	100
84) Bis(2-ethylhexyl)phthalate	21.41	149	758158	38.507	ng	100
85) Di-n-octyl phthalate	22.57	149	1360074	39.925	ng	99
86) Indeno(1,2,3-cd)pyrene	28.08	276	1524955	40.144	ng	99
88) Benzo(b)fluoranthene	23.62	252	1298338	41.917	ng	99
89) Benzo(k)fluoranthene	23.68	252	1262869	41.833	ng	99
90) Benzo(a)pyrene	24.44	252	1228552	41.951	ng	99
91) Dibenzo(a,h)anthracene	28.13	278	1239295	42.760	ng	99
92) Benzo(g,h,i)perylene	29.17	276	1239787	42.731	ng	99

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

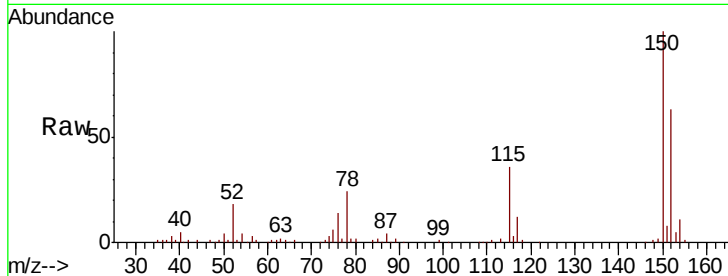


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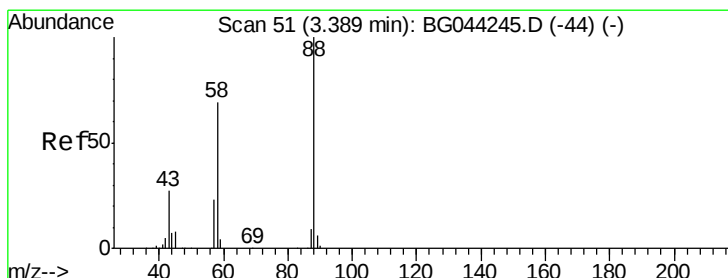
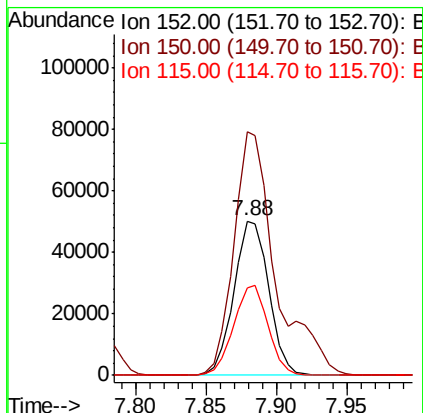
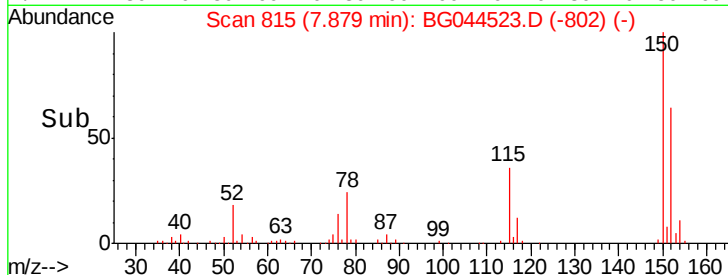
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.88 min Scan# 815
 Delta R.T. -0.03 min
 Lab File: BG044523.D
 Acq: 20 Feb 2020 16:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 86305
 Ion Ratio Lower Upper
 152 100
 150 157.9 122.6 183.8
 115 56.6 46.0 69.0



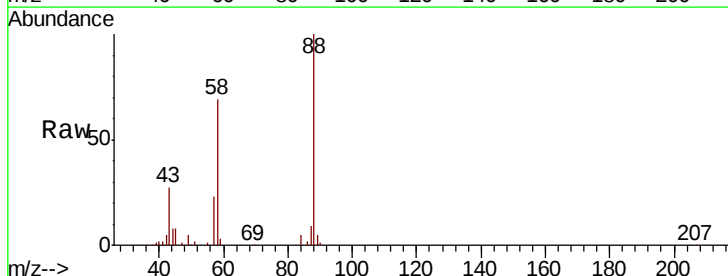
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



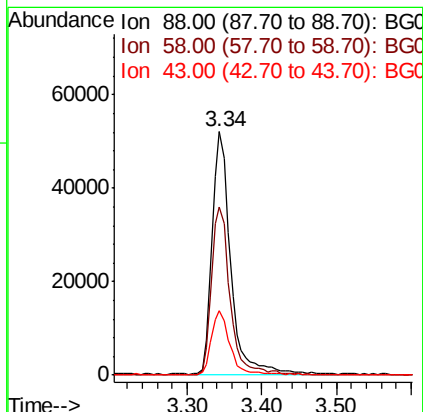
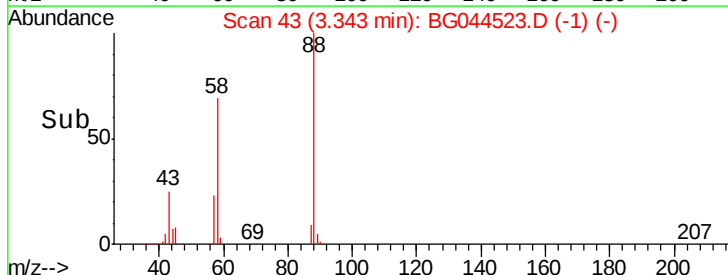
#2

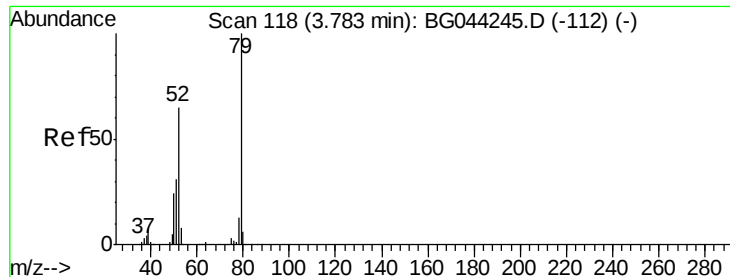
1,4-Dioxane
 Concen: 40.547 ng
 RT: 3.34 min Scan# 43
 Delta R.T. -0.02 min
 Lab File: BG044523.D
 Acq: 20 Feb 2020 16:38

Tgt Ion: 88 Resp: 89088
 Ion Ratio Lower Upper
 88 100
 58 70.2 55.8 83.6
 43 27.4 21.6 32.4



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





#3

Pvridine

Concen: 43.171 ng

RT: 3.74 min Scan# 111

Delta R.T. -0.02 min

Lab File: BG044523.D

Acq: 20 Feb 2020 16:38

Instrument :

BNA_G

ClientSampleId :

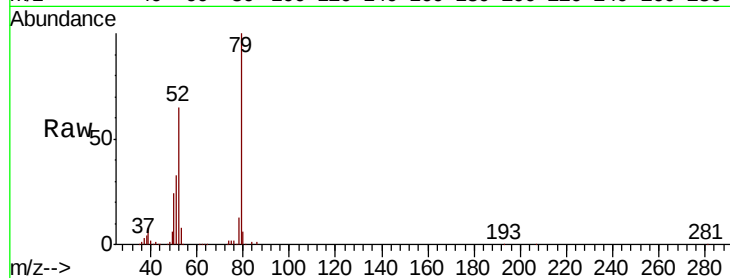
Tot Ion: 79 Resp: 252708

Ion Ratio Lower Upper

79 100

52 64.7 51.9 77.9

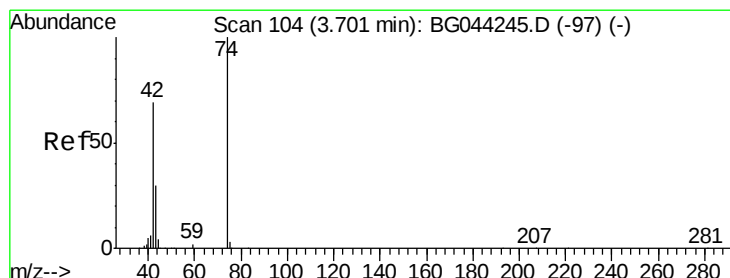
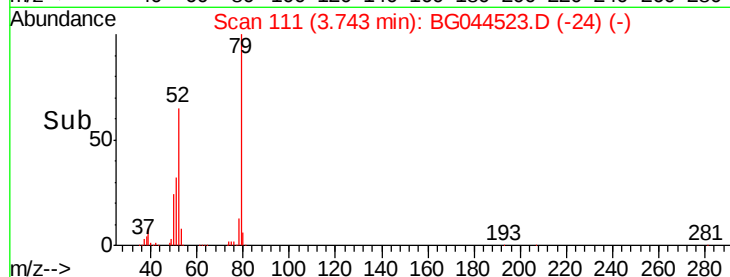
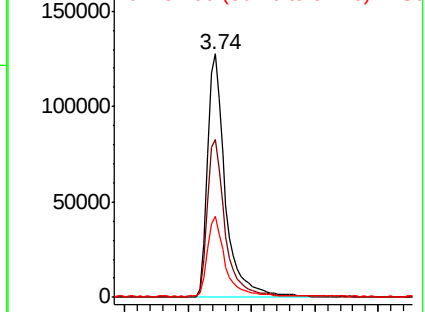
51 33.3 25.3 37.9



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 40.511 ng

RT: 3.65 min Scan# 96

Delta R.T. -0.02 min

Lab File: BG044523.D

Acq: 20 Feb 2020 16:38

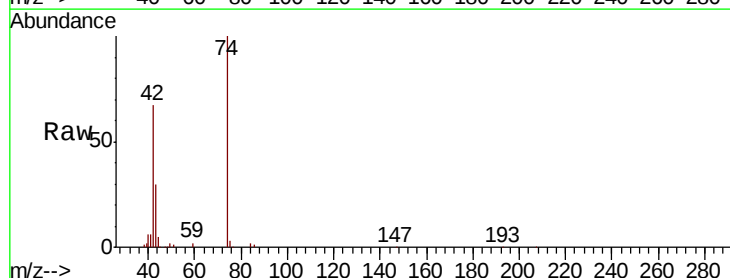
Tgt Ion: 42 Resp: 99094

Ion Ratio Lower Upper

42 100

74 148.3 115.1 172.7

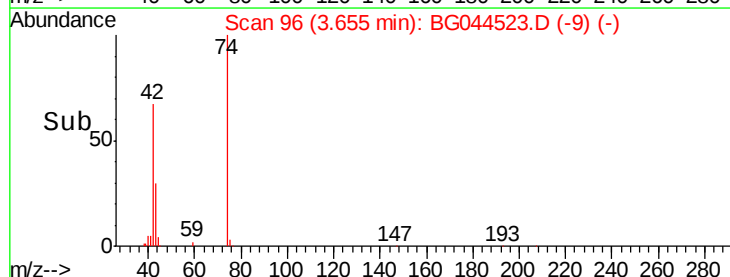
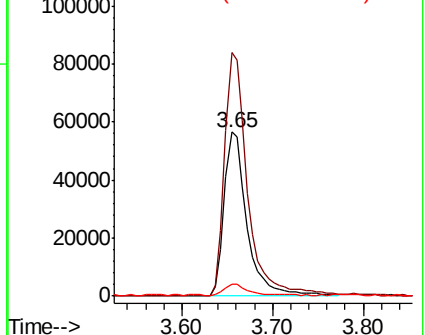
44 7.0 5.6 8.4

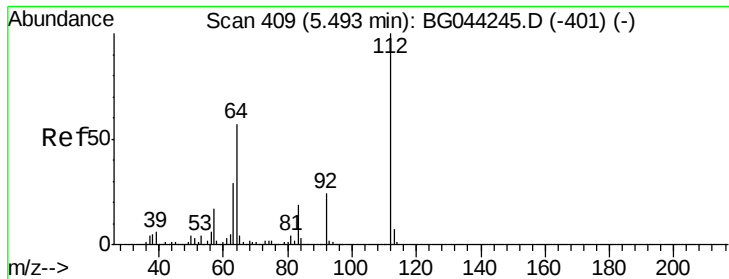


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 84.698 ng

RT: 5.46 min Scan# 403

Delta R.T. -0.02 min

Lab File: BG044523.D

Acq: 20 Feb 2020 16:38

Instrument :

BNA_G

ClientSampleId :

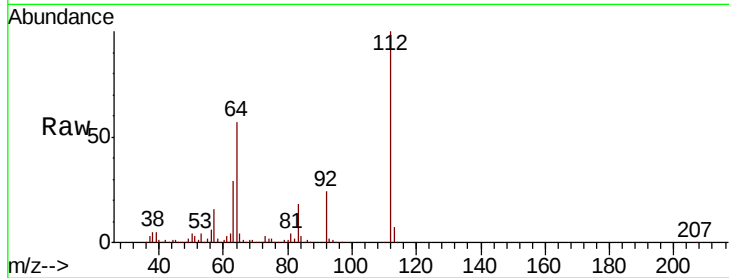
Tot Ion:112 Resp: 414191

Ion Ratio Lower Upper

112 100

64 56.7 45.4 68.2

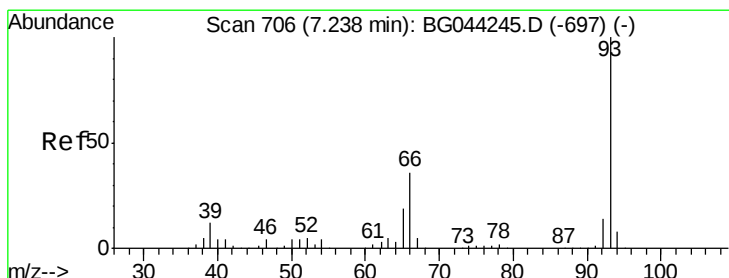
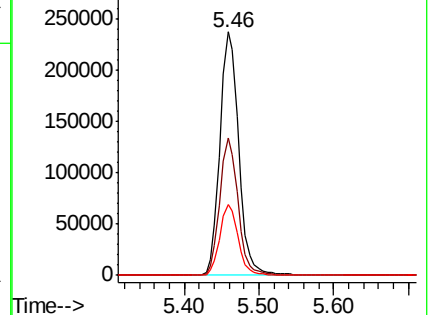
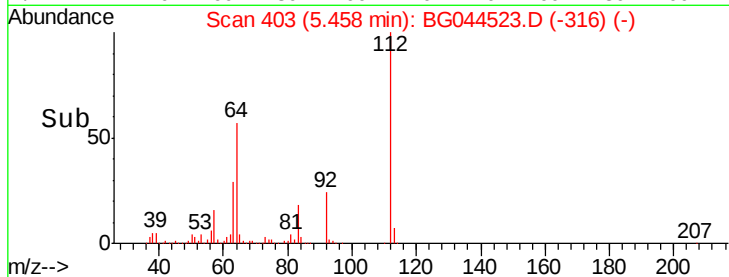
63 29.1 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 41.057 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG044523.D

Acq: 20 Feb 2020 16:38

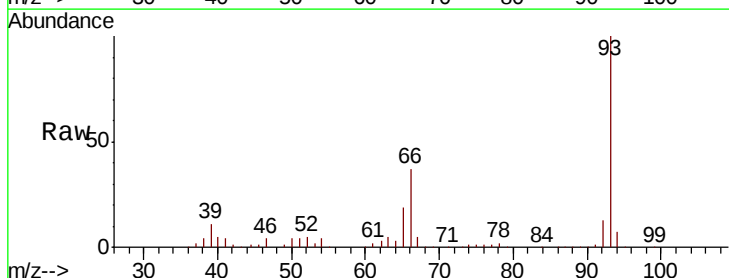
Tgt Ion: 93 Resp: 334661

Ion Ratio Lower Upper

93 100

66 36.5 28.7 43.1

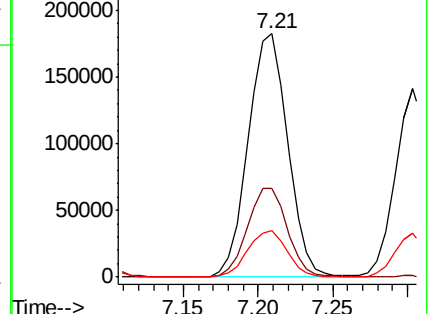
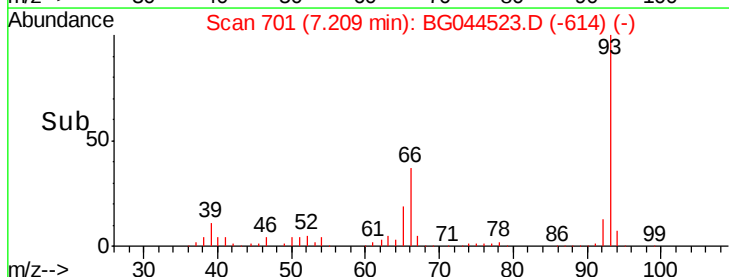
65 18.9 15.4 23.0

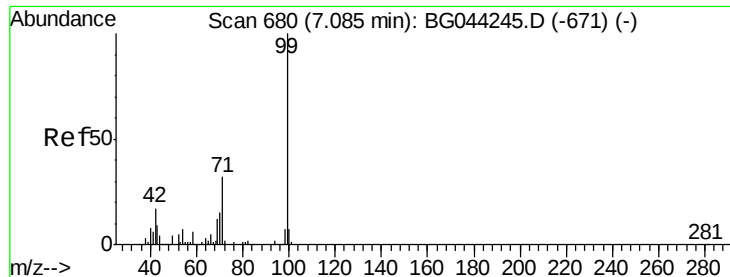


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 85.019 ng

RT: 7.06 min Scan# 675

Delta R.T. -0.02 min

Lab File: BG044523.D

Acq: 20 Feb 2020 16:38

Instrument :

BNA_G

ClientSampled :

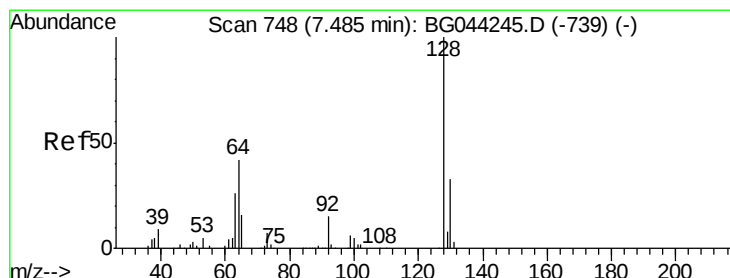
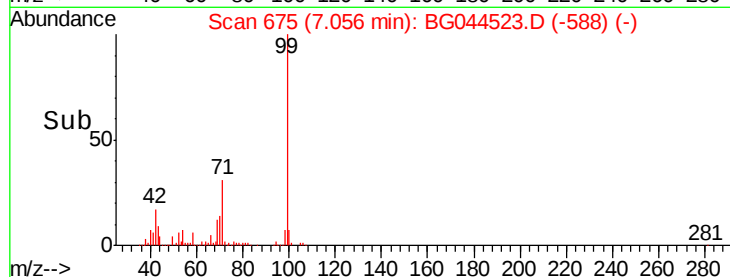
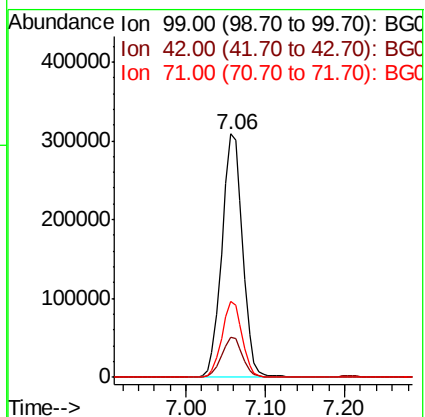
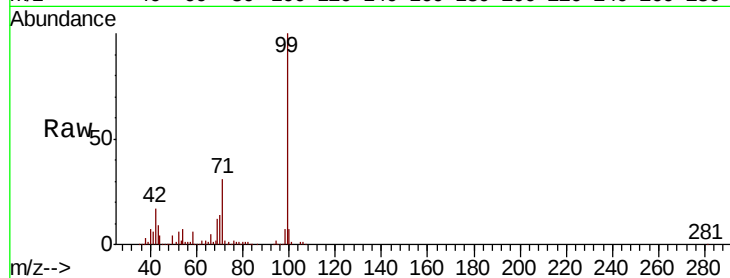
Tot Ion: 99 Resp: 558305

Ion Ratio Lower Upper

99 100

42 16.5 13.8 20.6

71 30.9 25.5 38.3



#8

2-Chlorophenol

Concen: 41.754 ng

RT: 7.45 min Scan# 742

Delta R.T. -0.02 min

Lab File: BG044523.D

Acq: 20 Feb 2020 16:38

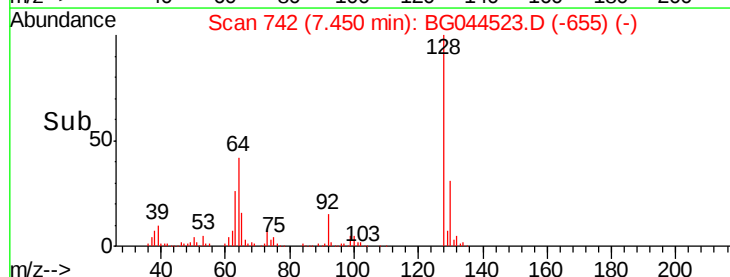
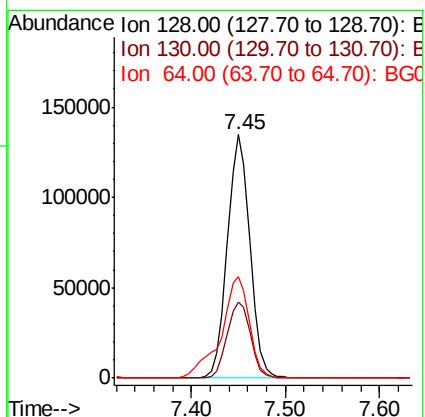
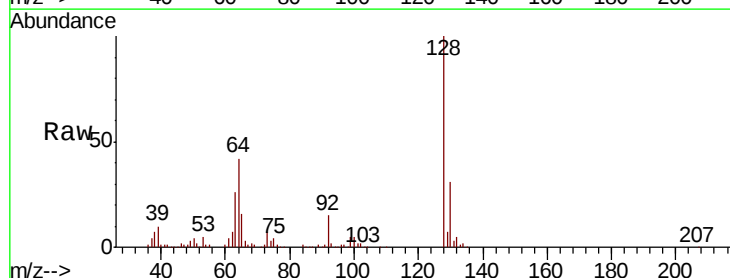
Tgt Ion: 128 Resp: 224406

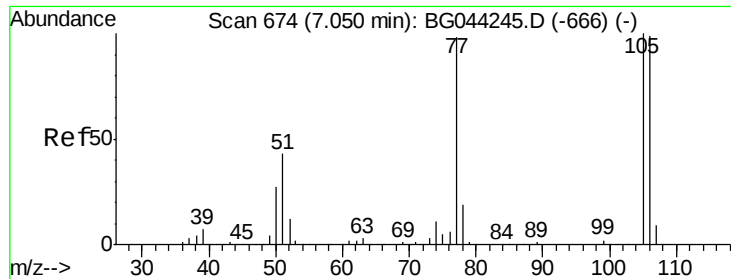
Ion Ratio Lower Upper

128 100

130 31.4 12.5 52.5

64 41.9 24.2 64.2

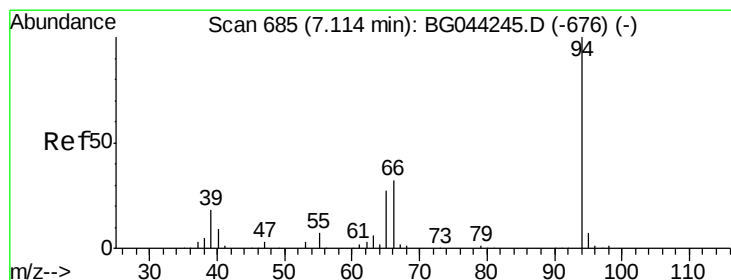
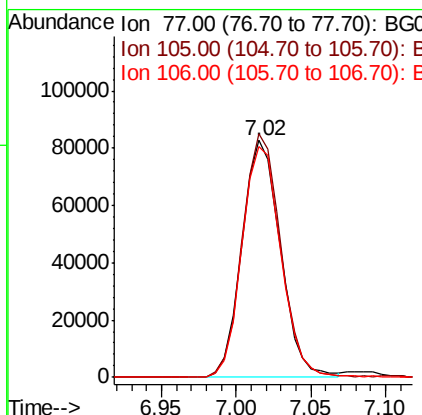
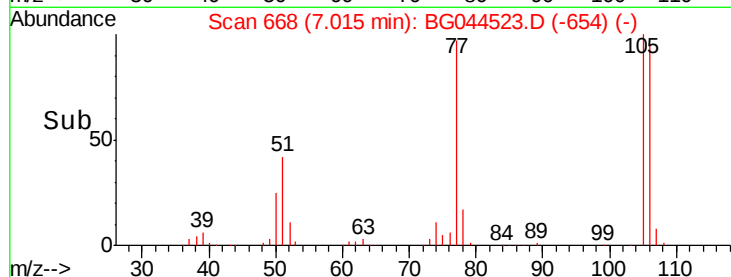
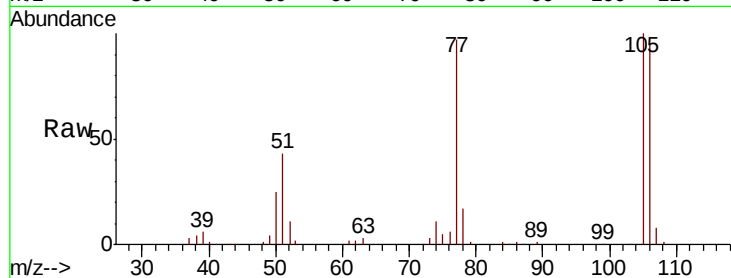




#9
Benzaldehyde
Concen: 39.423 ng
RT: 7.02 min Scan# 668
Delta R.T. -0.02 min
Lab File: BG044523.D
Acq: 20 Feb 2020 16:38

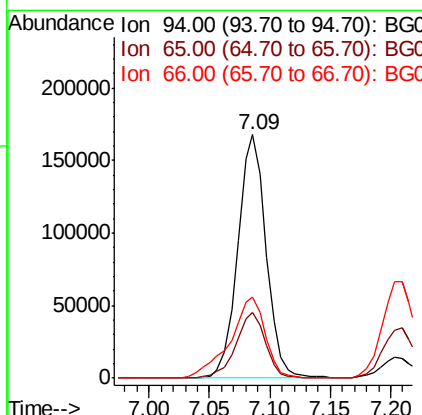
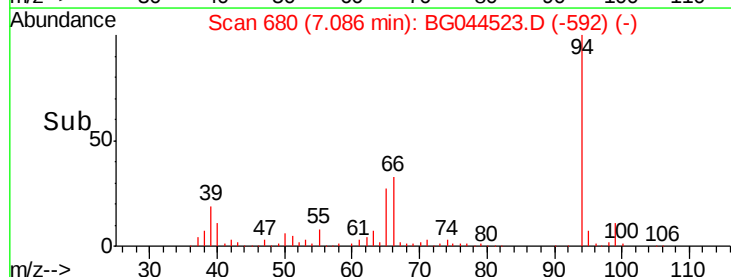
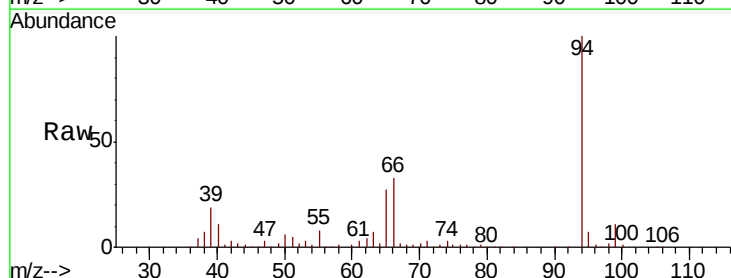
Instrument :
BNA_G
ClientSampled :

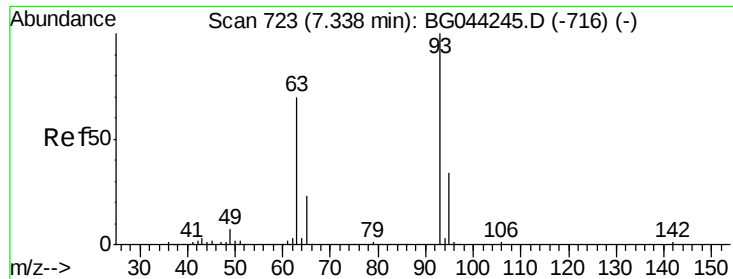
Tot Ion: 77 Resp: 147445
Ion Ratio Lower Upper
77 100
105 102.7 82.0 122.0
106 97.3 80.7 120.7



#10
Phenol
Concen: 42.193 ng
RT: 7.09 min Scan# 680
Delta R.T. -0.01 min
Lab File: BG044523.D
Acq: 20 Feb 2020 16:38

Tgt Ion: 94 Resp: 274211
Ion Ratio Lower Upper
94 100
65 27.0 7.0 47.0
66 33.5 12.7 52.7

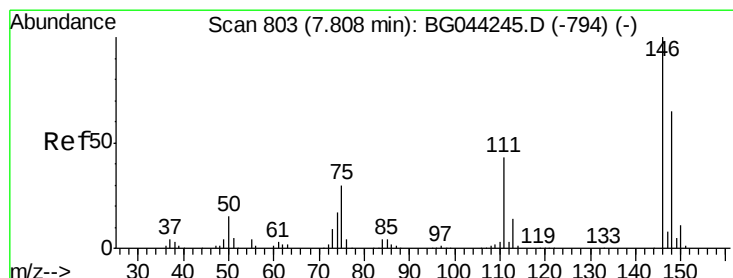
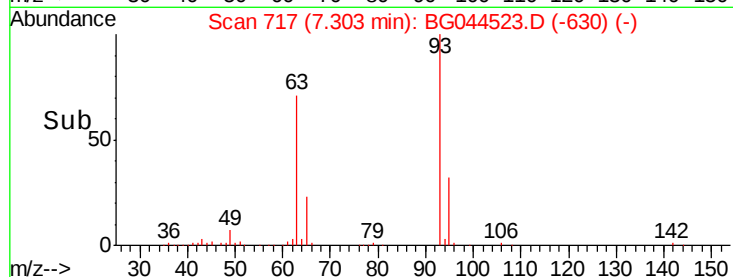
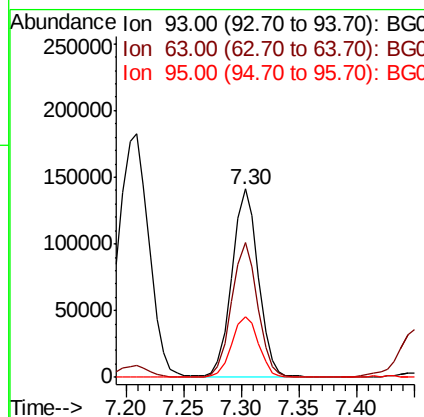
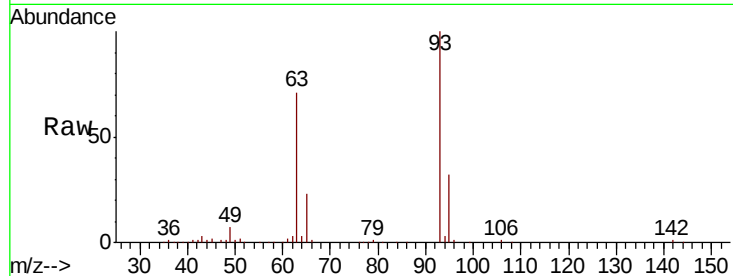




#11
 bis(2-Chloroethyl)ether
 Concen: 40.523 ng
 RT: 7.30 min Scan# 717
 Delta R.T. -0.02 min
 Lab File: BG044523.D
 Acq: 20 Feb 2020 16:38

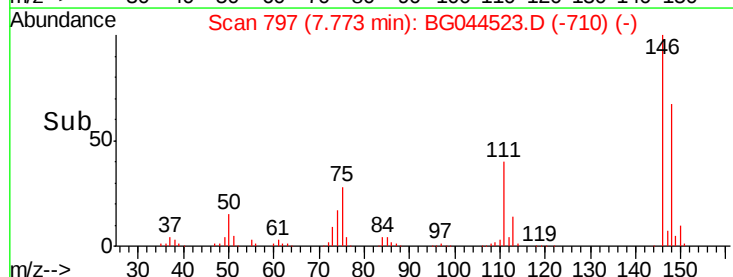
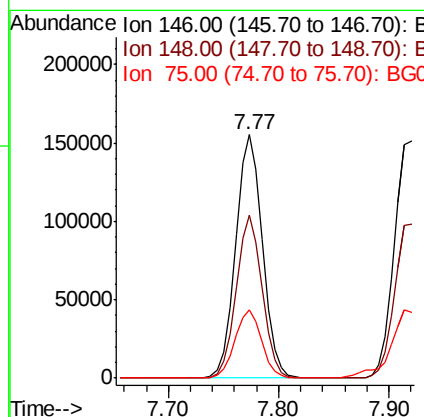
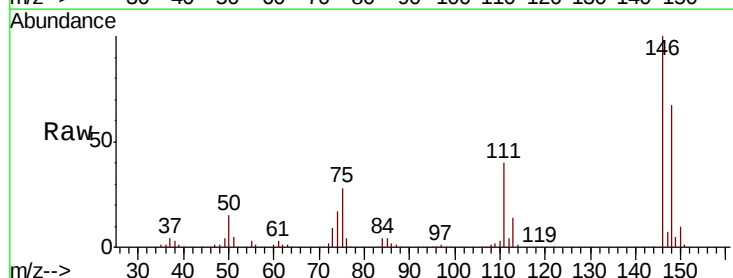
Instrument :
 BNA_G
 ClientSampled :

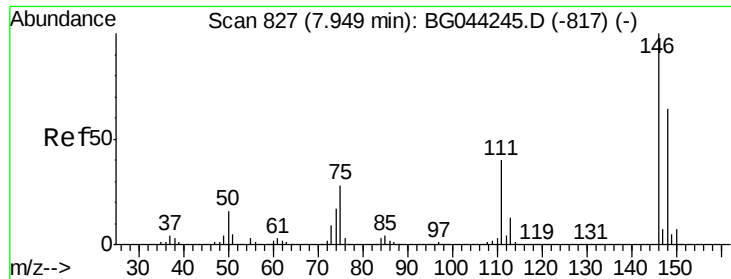
Tot Ion: 93 Resp: 225151
 Ion Ratio Lower Upper
 93 100
 63 71.3 49.2 89.2
 95 32.3 13.6 53.6



#12
 1,3-Dichlorobenzene
 Concen: 41.118 ng
 RT: 7.77 min Scan# 797
 Delta R.T. -0.02 min
 Lab File: BG044523.D
 Acq: 20 Feb 2020 16:38

Tgt Ion: 146 Resp: 263856
 Ion Ratio Lower Upper
 146 100
 148 67.1 51.8 77.8
 75 27.8 23.7 35.5

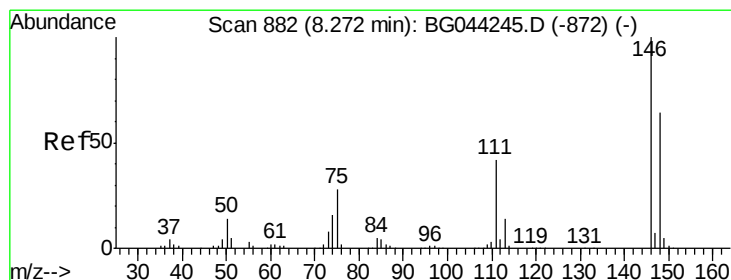
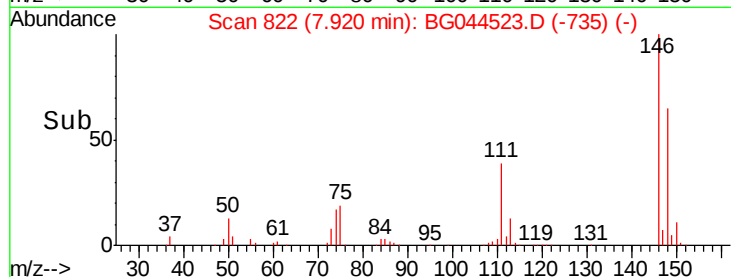
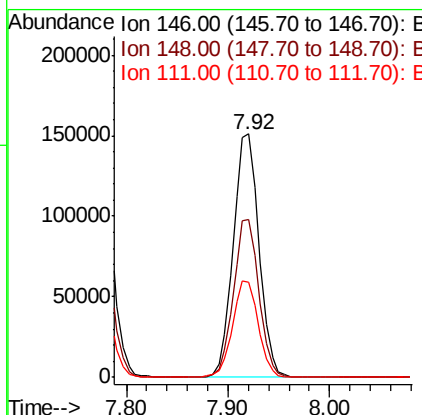
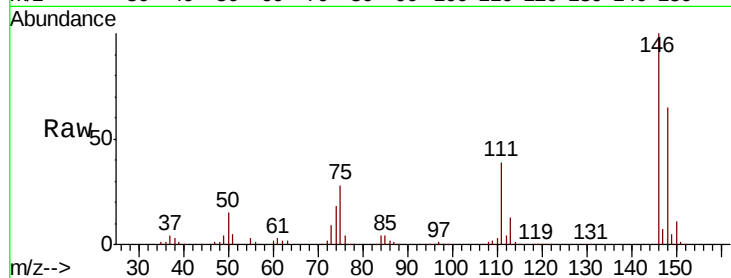




#13
 1,4-Dichlorobenzene
 Concen: 41.731 ng
 RT: 7.92 min Scan# 822
 Delta R.T. -0.02 min
 Lab File: BG044523.D
 Acq: 20 Feb 2020 16:38

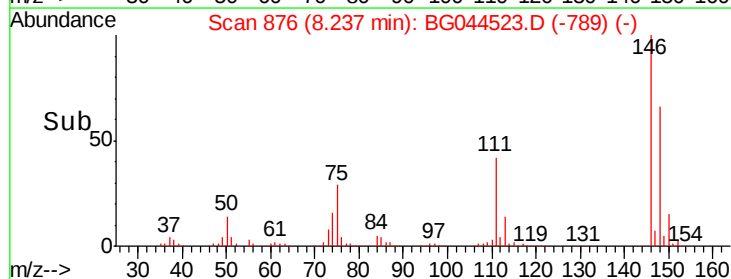
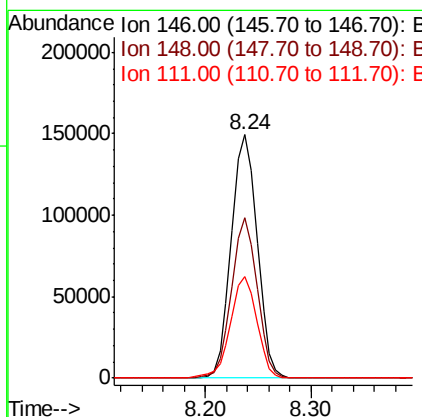
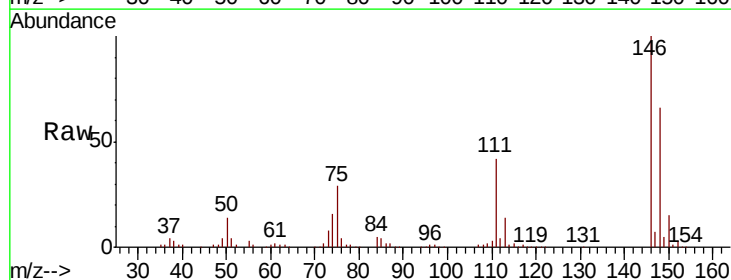
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.4	77.0
111	39.2	31.8	47.8



#14
 1,2-Dichlorobenzene
 Concen: 42.041 ng
 RT: 8.24 min Scan# 876
 Delta R.T. -0.02 min
 Lab File: BG044523.D
 Acq: 20 Feb 2020 16:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.2	76.8
111	41.6	34.0	51.0





#15

Benzyl Alcohol

Concen: 41.761 ng

RT: 8.12 min Scan# 856

Delta R.T. -0.02 min

Lab File: BG044523.D

Acq: 20 Feb 2020 16:38

Instrument :

BNA_G

ClientSampled :

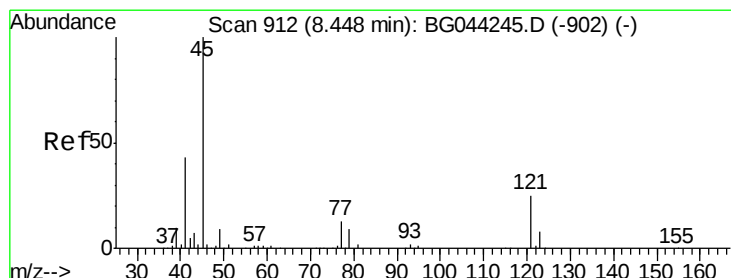
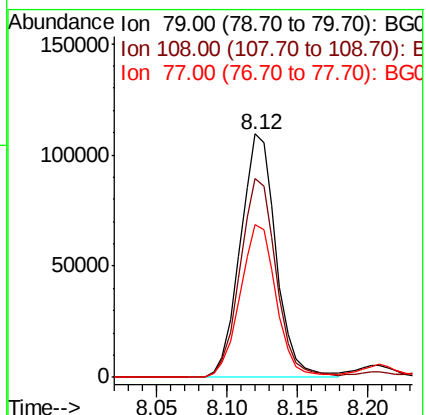
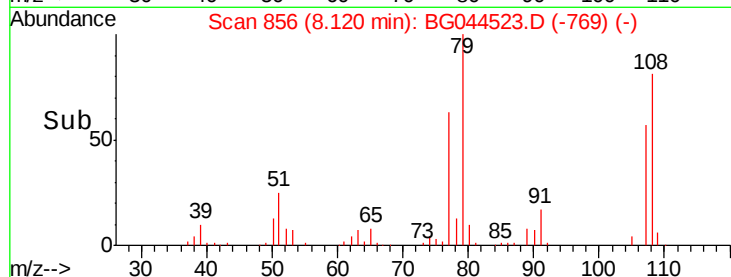
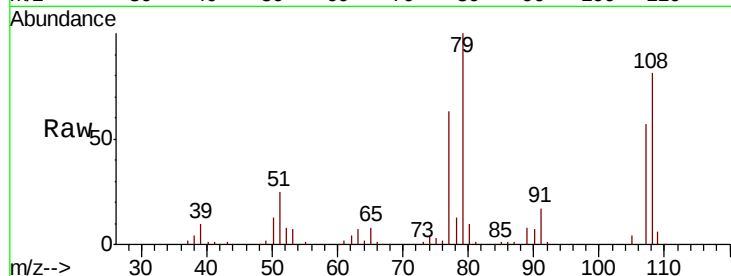
Tot Ion: 79 Resp: 194154

Ion Ratio Lower Upper

79 100

108 81.4 68.3 102.5

77 62.6 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.817 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.02 min

Lab File: BG044523.D

Acq: 20 Feb 2020 16:38

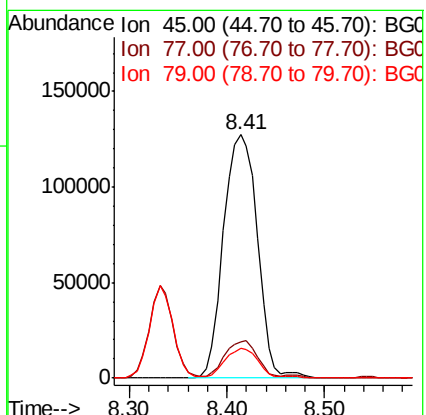
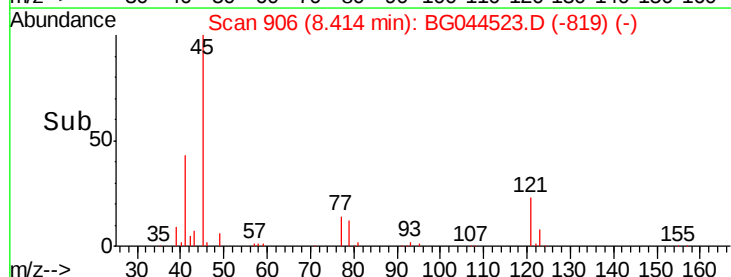
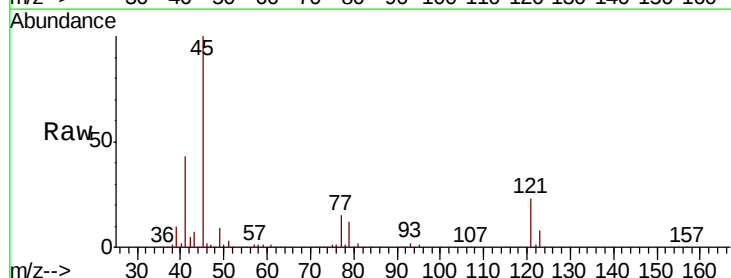
Tgt Ion: 45 Resp: 306951

Ion Ratio Lower Upper

45 100

77 14.8 0.0 35.2

79 12.0 0.0 31.1

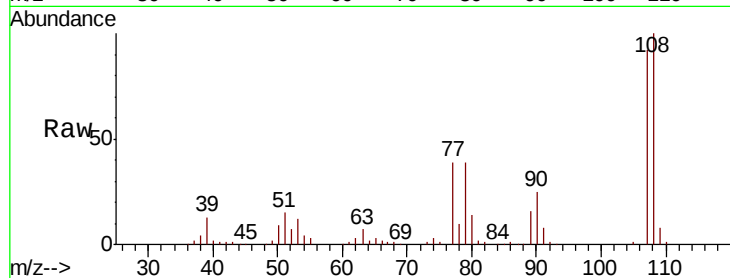




#17
2-Methylphenol
Concen: 41.906 ng
RT: 8.33 min Scan# 892
Delta R.T. -0.02 min
Lab File: BG044523.D
Acq: 20 Feb 2020 16:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.6	86.4	129.6
77	42.5	34.0	51.0
79	42.8	32.9	49.3



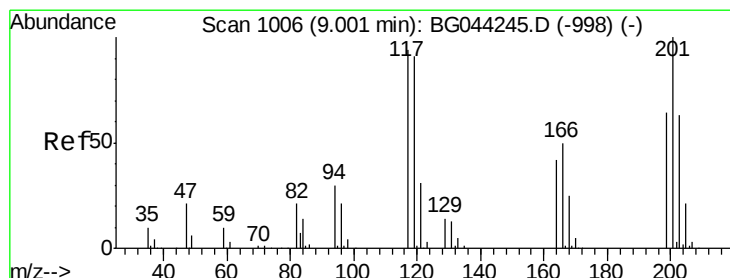
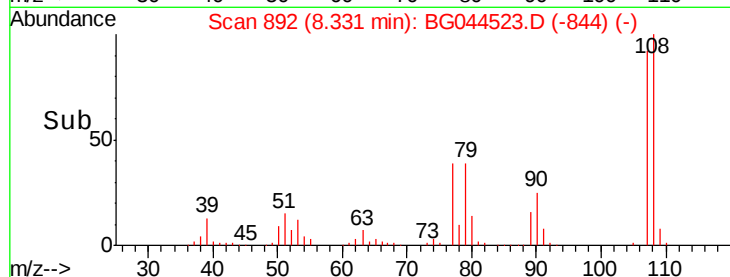
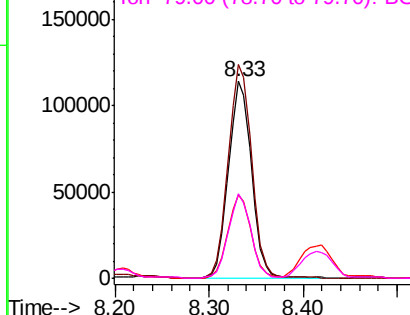
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

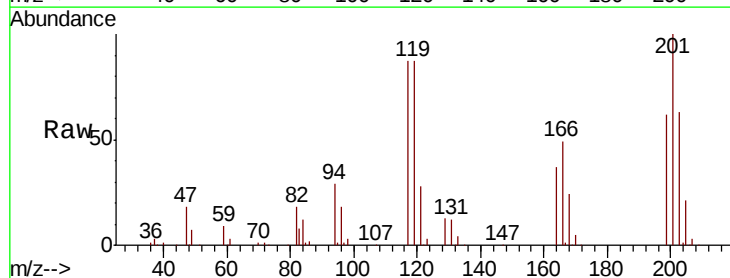
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 41.134 ng
RT: 8.97 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BG044523.D
Acq: 20 Feb 2020 16:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.0	77.5	116.3
201	114.4	84.9	127.3

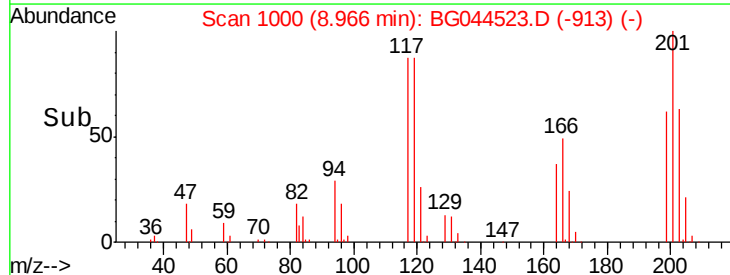
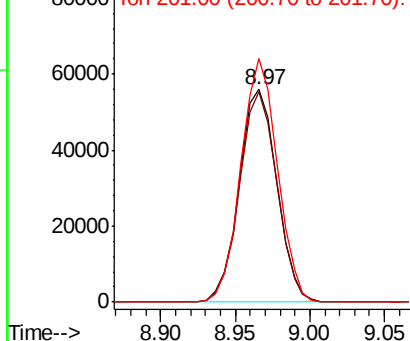


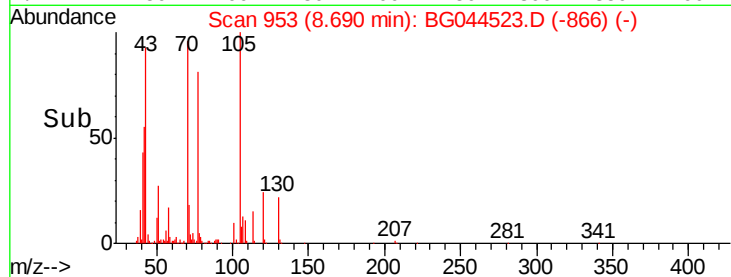
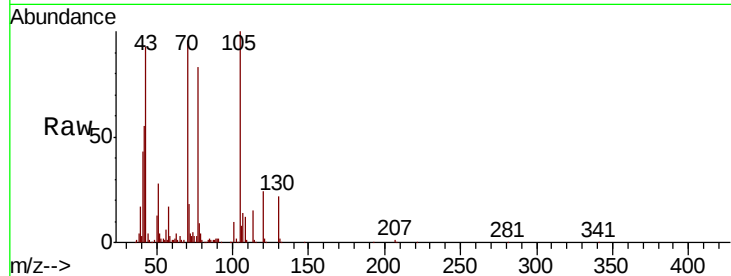
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

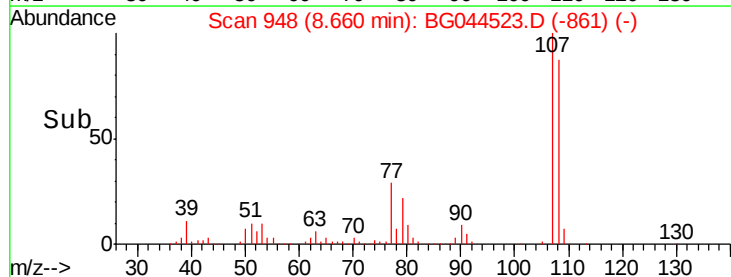
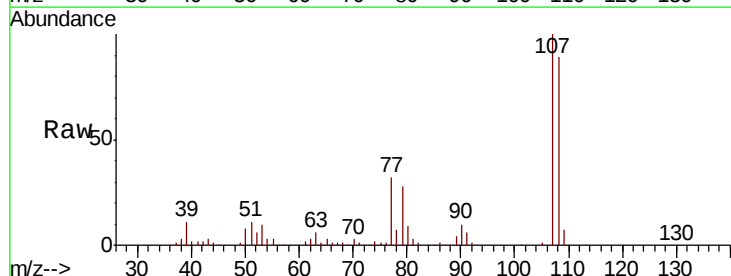
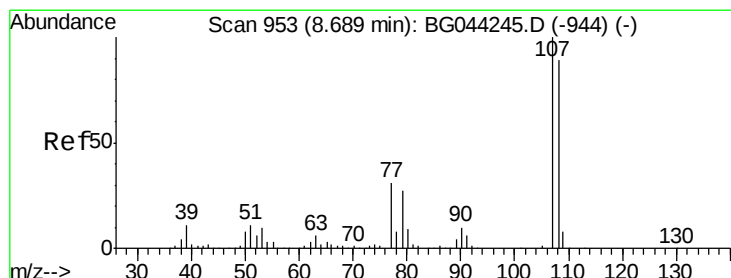
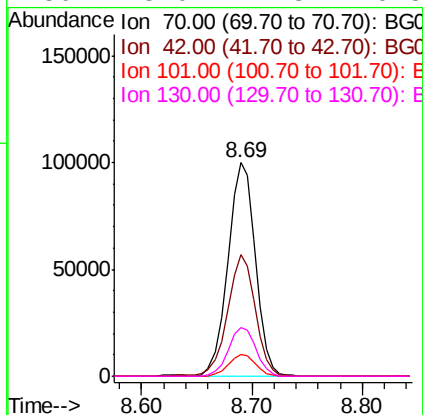




#19
n-Nitroso-di-n-propylamine
Concen: 39.827 ng
RT: 8.69 min Scan# 953
Delta R.T. -0.02 min
Lab File: BG044523.D
Acq: 20 Feb 2020 16:38

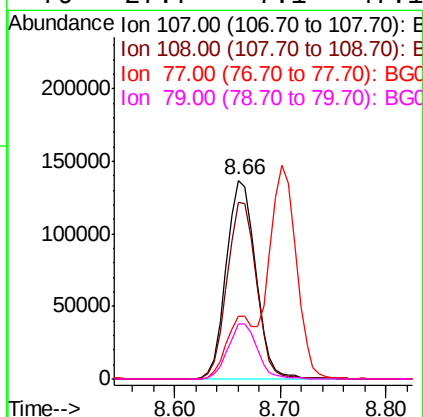
Instrument :
BNA_G
ClientSampleId :

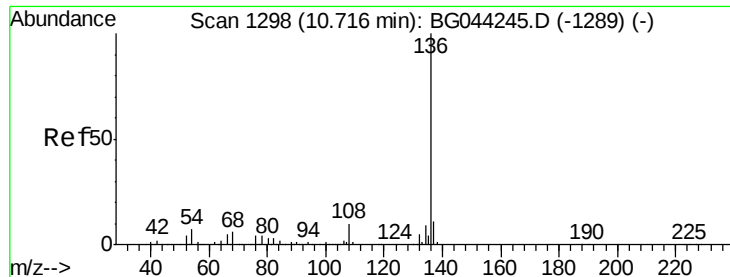
Tot Ion	Ratio	Lower	Upper
70	100		
42	56.7	46.2	69.2
101	10.2	8.4	12.6
130	23.0	17.8	26.8



#20
3+4-Methylphenols
Concen: 41.439 ng
RT: 8.66 min Scan# 948
Delta R.T. -0.02 min
Lab File: BG044523.D
Acq: 20 Feb 2020 16:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.7	68.5	108.5
77	31.8	10.9	50.9
79	27.7	7.1	47.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.68 min Scan# 1292

Delta R.T. -0.02 min

Lab File: BG044523.D

Acq: 20 Feb 2020 16:38

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 349781

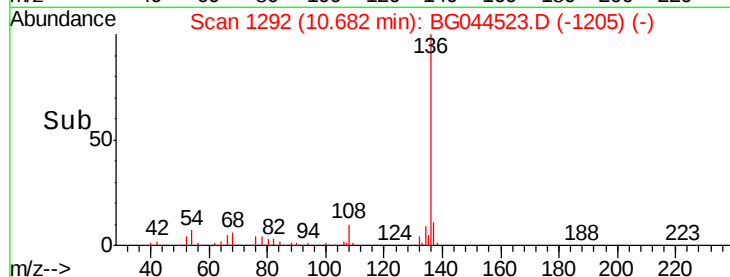
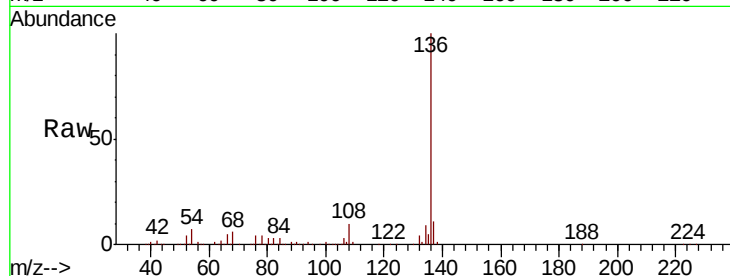
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.4 5.8 8.8

68 5.7 4.6 6.8

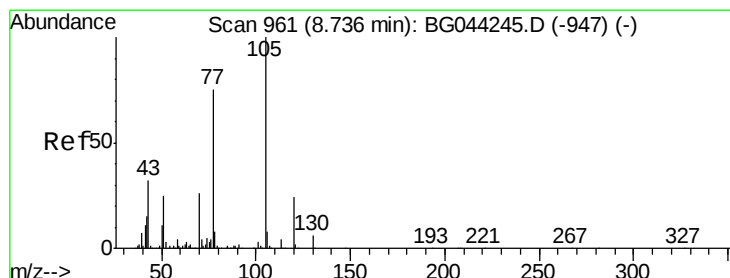
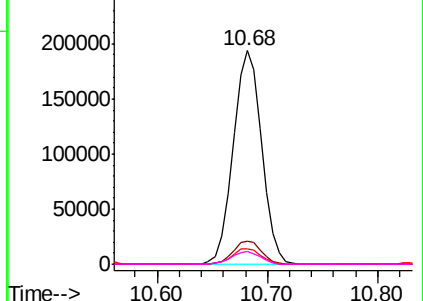


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.948 ng

RT: 8.70 min Scan# 955

Delta R.T. -0.02 min

Lab File: BG044523.D

Acq: 20 Feb 2020 16:38

Tgt Ion:105 Resp: 348431

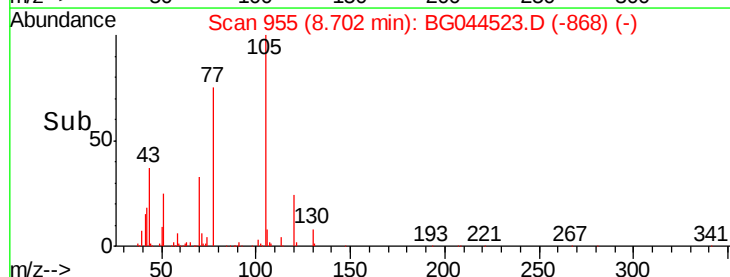
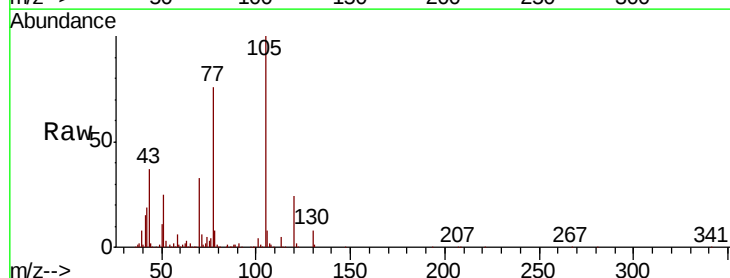
Ion Ratio Lower Upper

105 100

71 5.9 3.4 5.0#

51 25.4 20.2 30.4

120 24.0 19.1 28.7

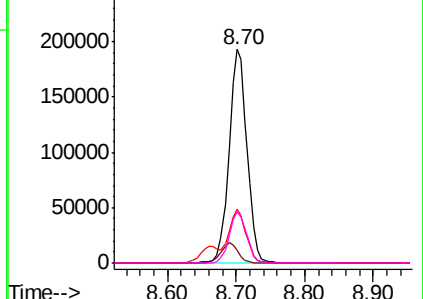


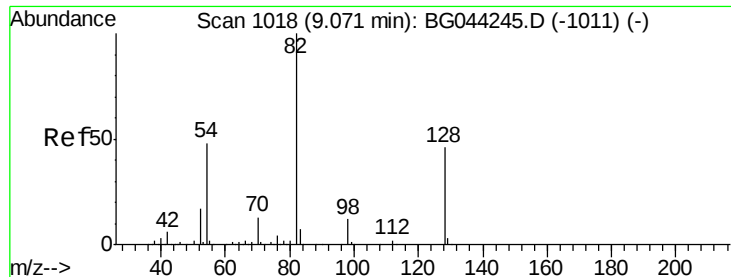
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

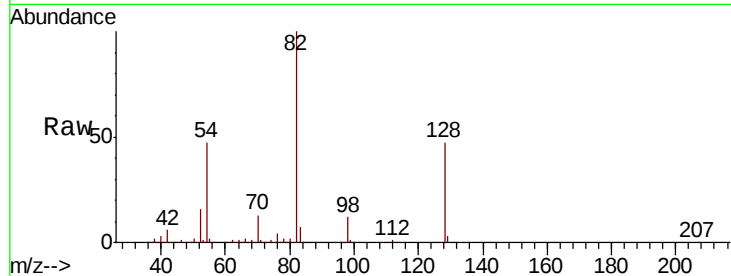




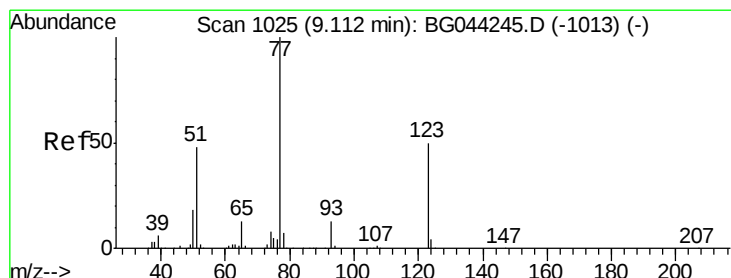
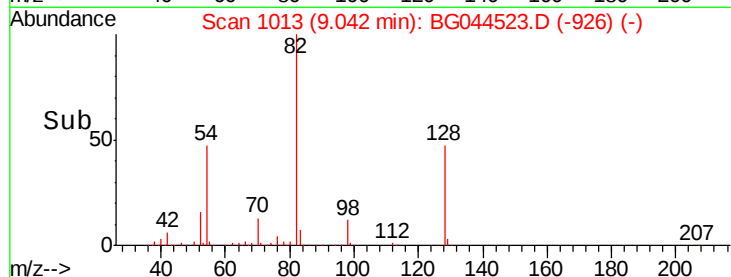
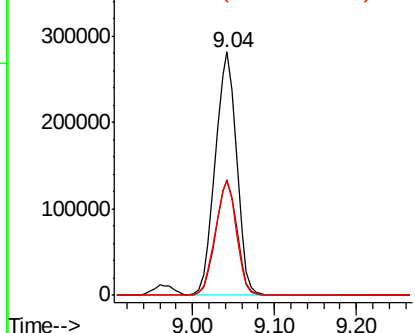
#23
Nitrobenzene-d5
Concen: 82.891 ng
RT: 9.04 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BG044523.D
Acq: 20 Feb 2020 16:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	513557
Ion Ratio	Lower	Upper	
82	100		
128	47.3	36.5	54.7
54	46.8	38.6	58.0

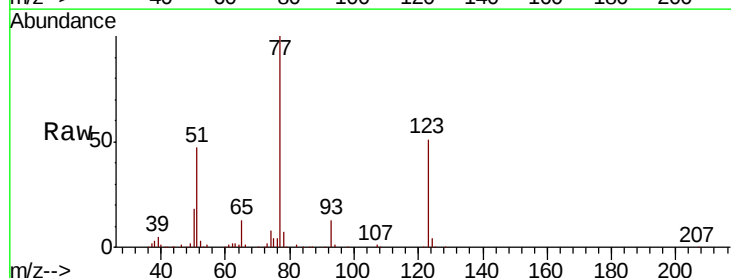


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

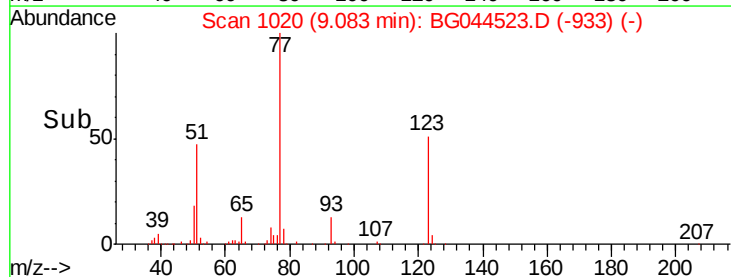
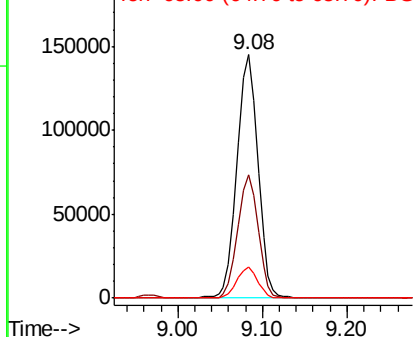


#24
Nitrobenzene
Concen: 40.996 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BG044523.D
Acq: 20 Feb 2020 16:38

Tgt Ion	77	Resp	247966
Ion Ratio	Lower	Upper	
77	100		
123	50.7	39.9	59.9
65	13.0	10.4	15.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

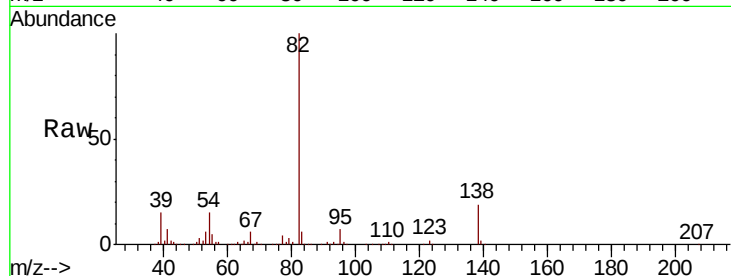




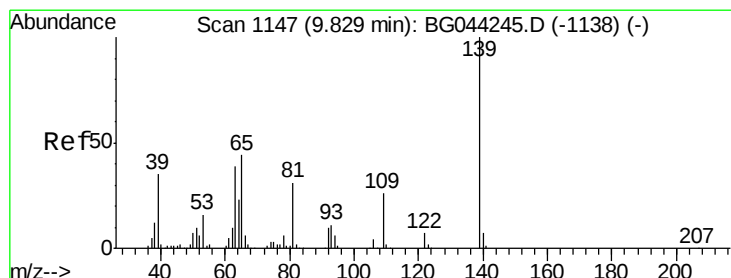
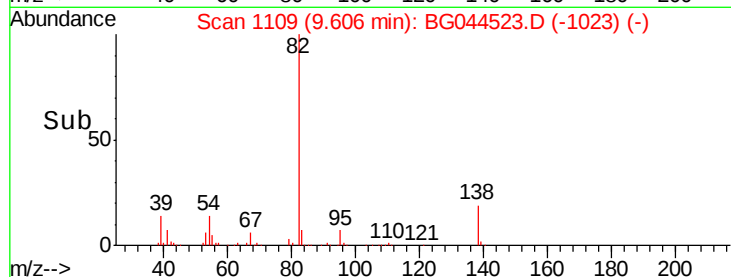
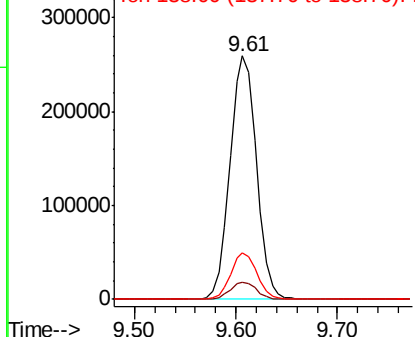
#25
Isophorone
Concen: 40.642 ng
RT: 9.61 min Scan# 1109
Delta R.T. -0.03 min
Lab File: BG044523.D
Acq: 20 Feb 2020 16:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 469329
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 19.3 15.0 22.4

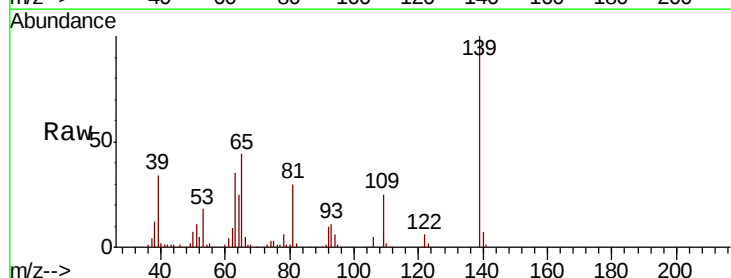


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

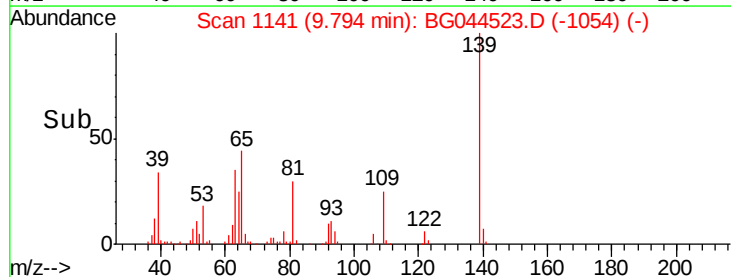
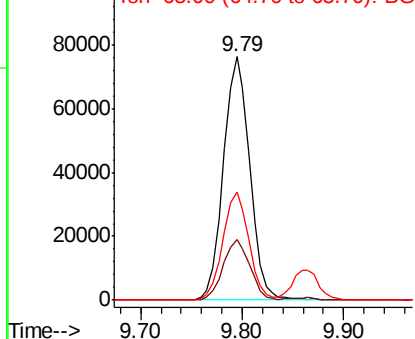


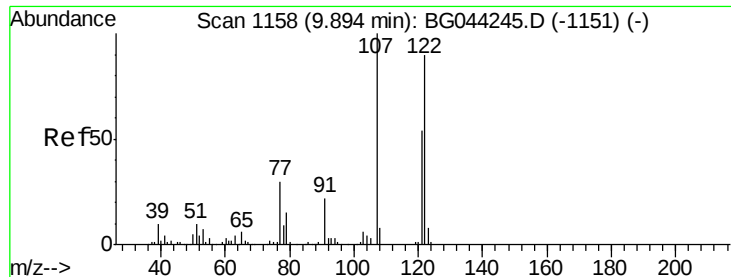
#26
2-Nitrophenol
Concen: 43.886 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BG044523.D
Acq: 20 Feb 2020 16:38

Tgt Ion: 139 Resp: 137735
Ion Ratio Lower Upper
139 100
109 24.8 21.0 31.4
65 44.4 35.0 52.4



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

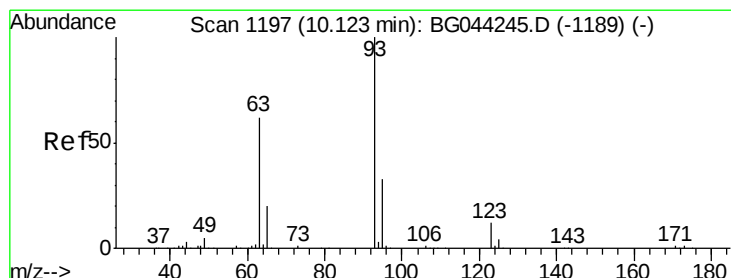
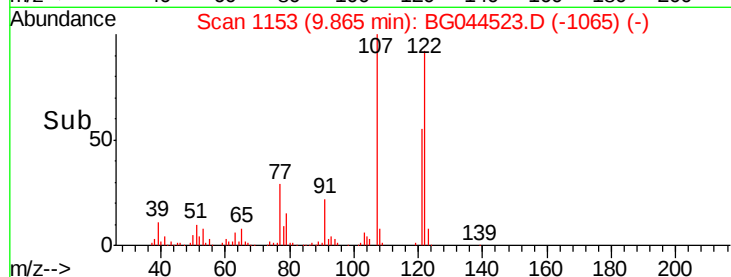
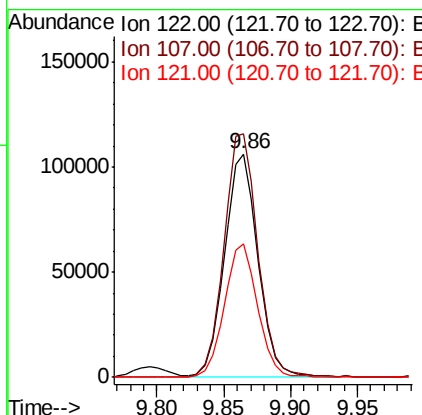
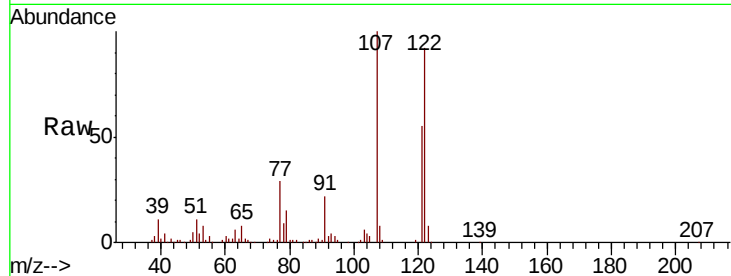




#27
 2,4-Dimethylphenol
 Concen: 41.626 ng
 RT: 9.86 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BG044523.D
 Acq: 20 Feb 2020 16:38

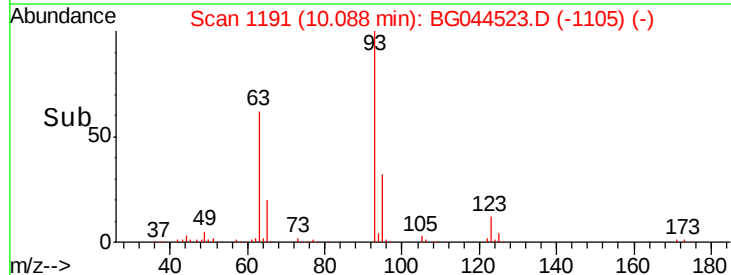
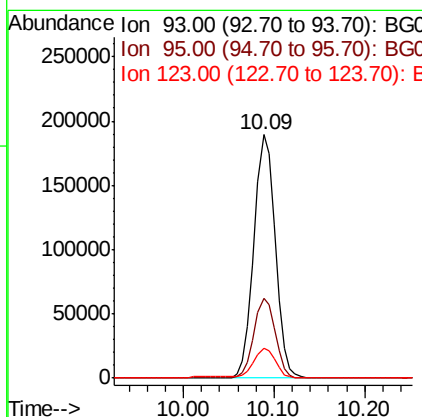
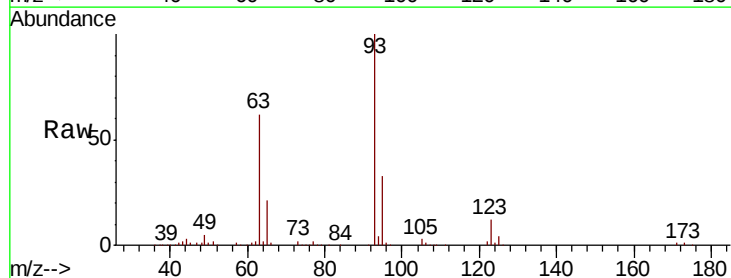
Instrument :
 BNA_G
 ClientSampleId :

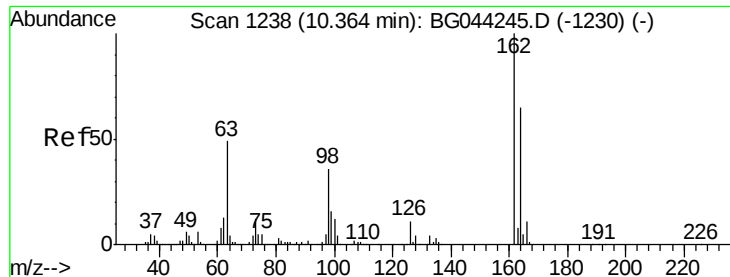
Tot Ion	Ratio	Lower	Upper
122	100		
107	108.8	88.8	133.2
121	59.4	48.3	72.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.262 ng
 RT: 10.09 min Scan# 1191
 Delta R.T. -0.03 min
 Lab File: BG044523.D
 Acq: 20 Feb 2020 16:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.6	40.0
123	12.1	10.0	15.0

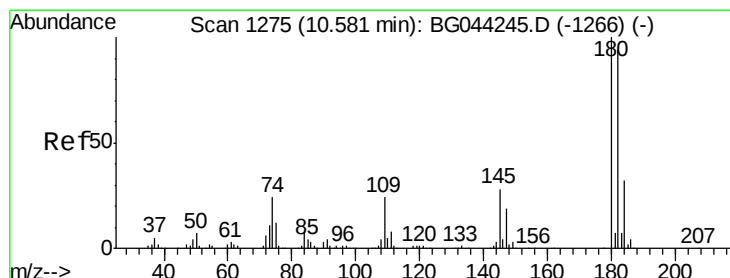
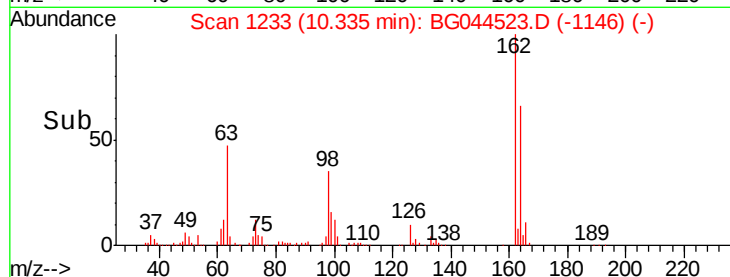
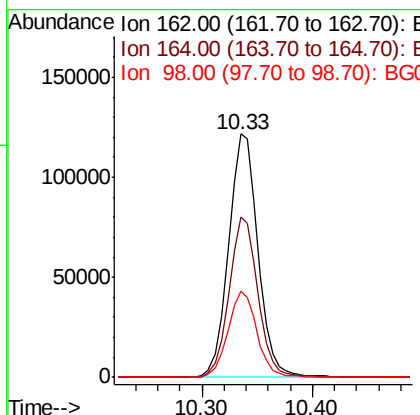
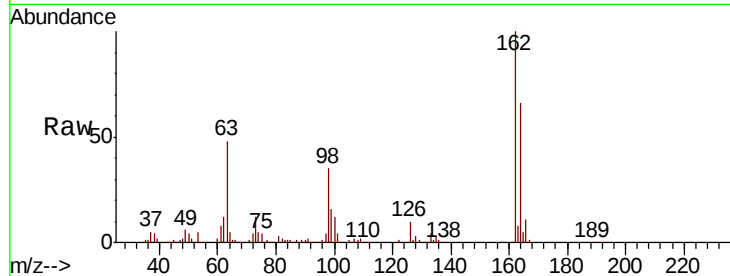




#29
 2,4-Dichlorophenol
 Concen: 42.334 ng
 RT: 10.33 min Scan# 1233
 Delta R.T. -0.02 min
 Lab File: BG044523.D
 Acq: 20 Feb 2020 16:38

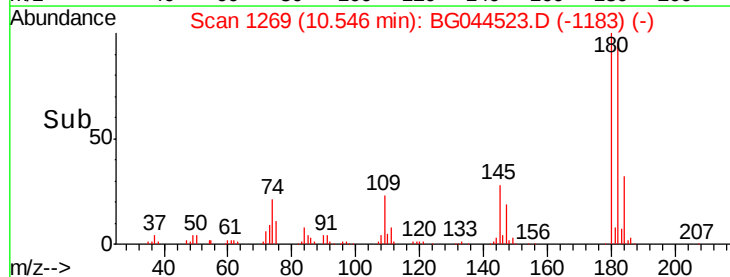
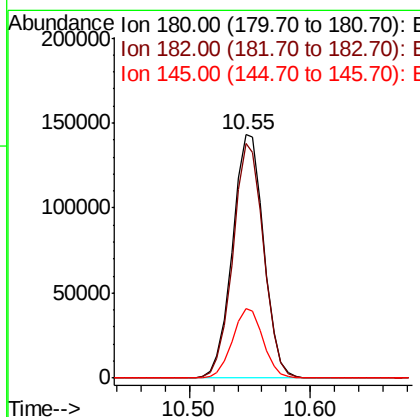
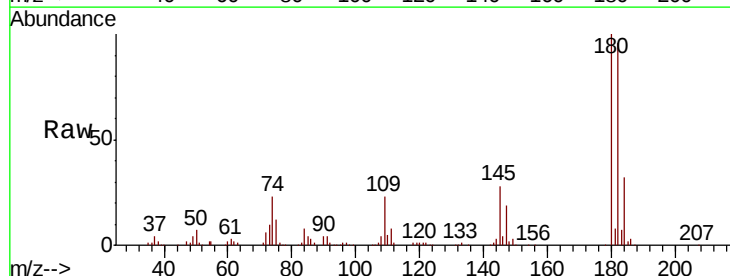
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.7	44.7	84.7
98	35.3	15.8	55.8



#30
 1,2,4-Trichlorobenzene
 Concen: 41.966 ng
 RT: 10.55 min Scan# 1269
 Delta R.T. -0.03 min
 Lab File: BG044523.D
 Acq: 20 Feb 2020 16:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	75.5	113.3
145	28.4	22.6	34.0

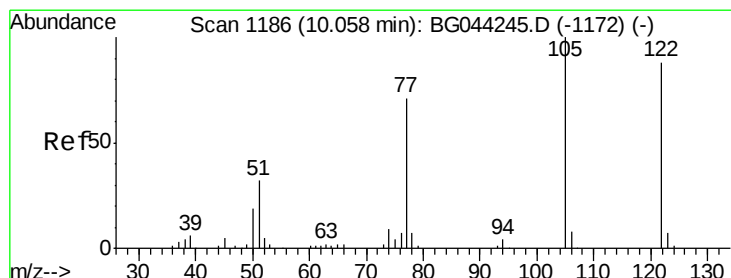
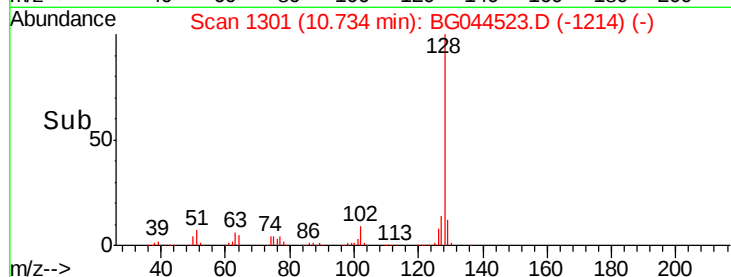
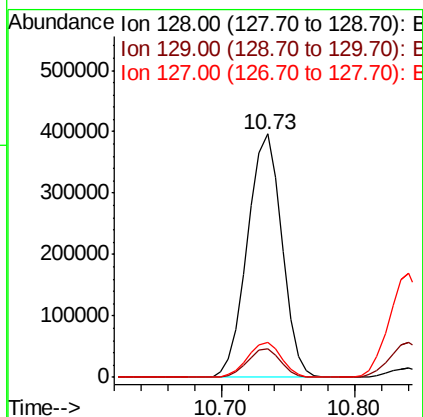
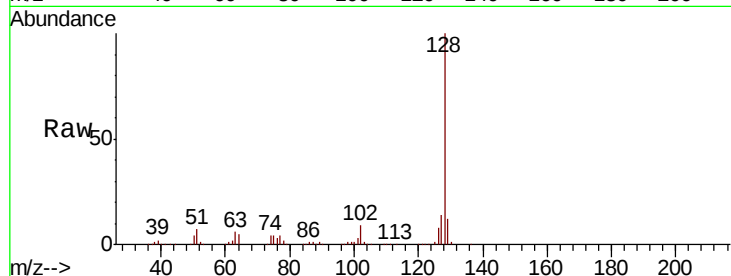




#31
Naphthalene
Concen: 41.631 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG044523.D
Acq: 20 Feb 2020 16:38

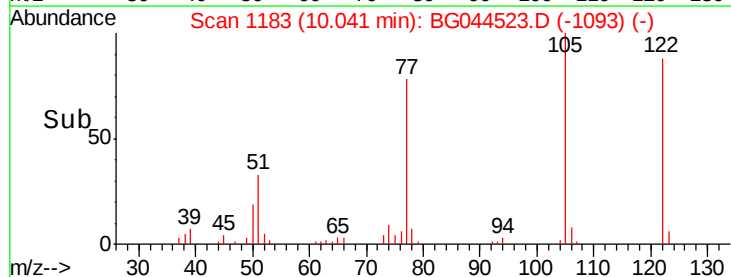
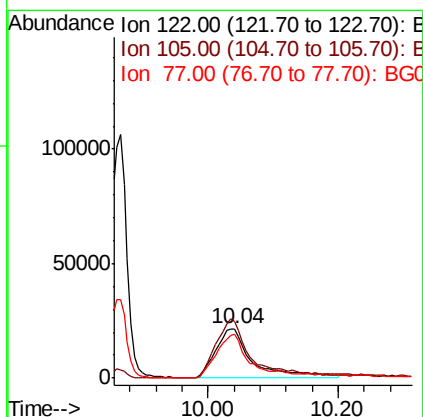
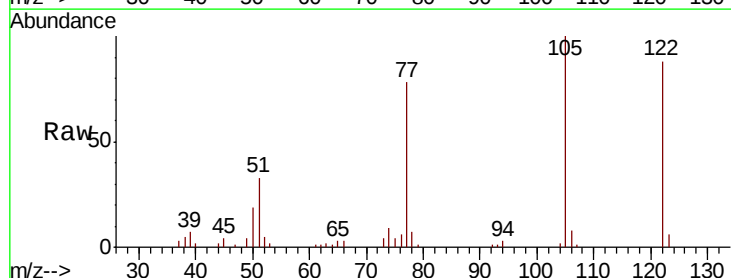
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 706495
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 14.4 11.6 17.4



#32
Benzoic acid
Concen: 34.233 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BG044523.D
Acq: 20 Feb 2020 16:38

Tgt Ion:122 Resp: 83069
Ion Ratio Lower Upper
122 100
105 113.2 93.5 133.5
77 88.6 61.0 101.0

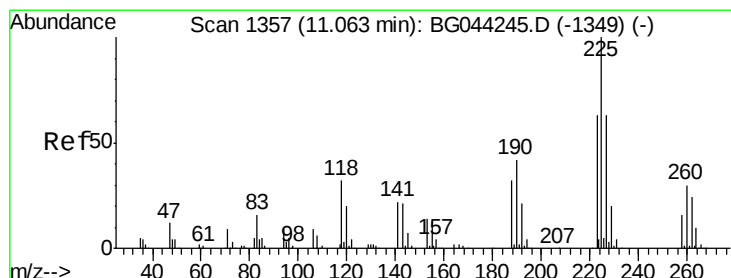
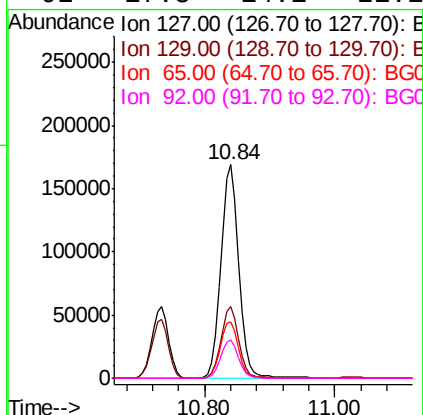
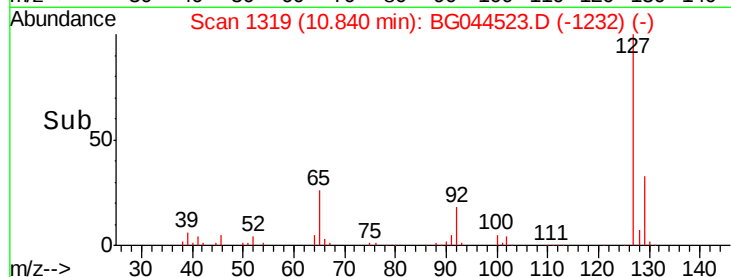
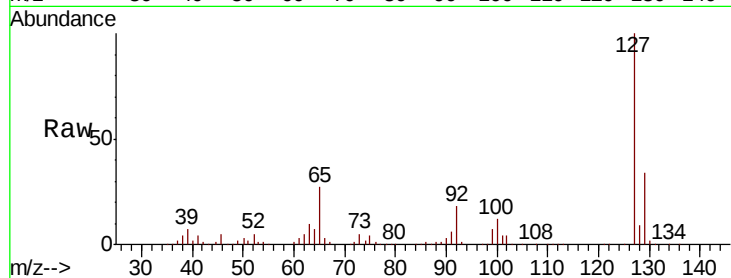




#33
4-Chloroaniline
Concen: 41.733 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BG044523.D
Acq: 20 Feb 2020 16:38

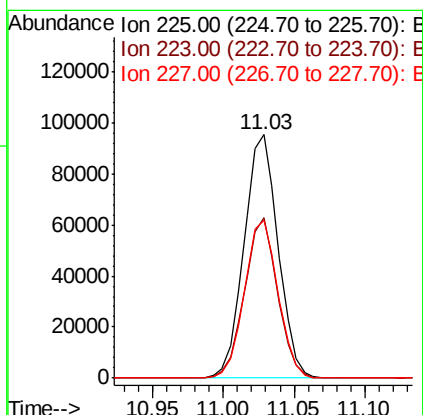
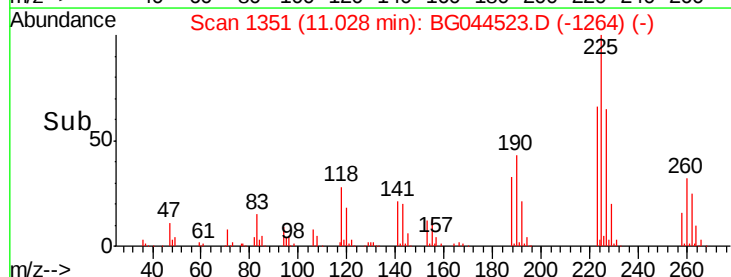
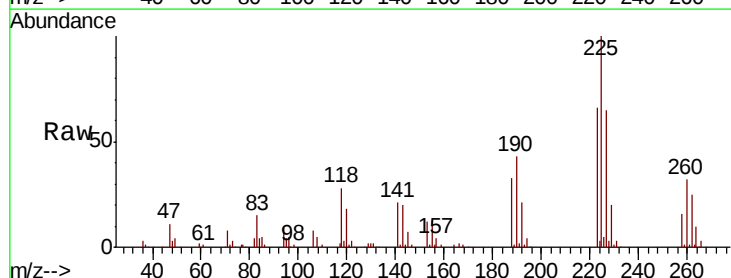
Instrument :
BNA_G
ClientSampled :

Tot Ion:127	Resp:	322103
Ion	Ratio	Lower Upper
127	100	
129	33.5	26.6 40.0
65	26.7	22.5 33.7
92	17.8	14.1 21.1



#34
Hexachlorobutadiene
Concen: 42.479 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG044523.D
Acq: 20 Feb 2020 16:38

Tgt Ion:225	Resp:	160558
Ion	Ratio	Lower Upper
225	100	
223	65.9	50.2 75.4
227	64.8	50.8 76.2

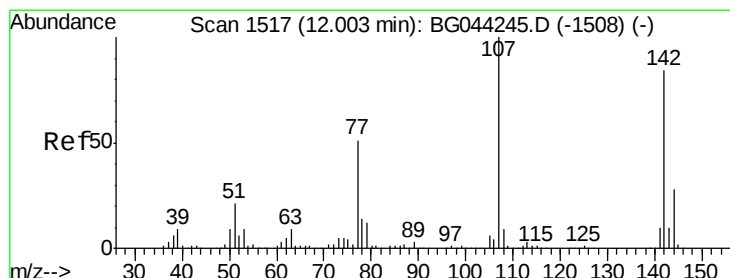
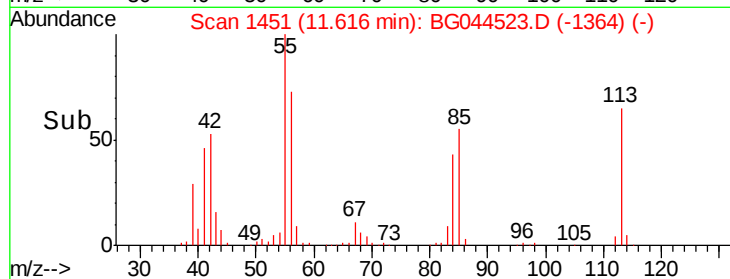
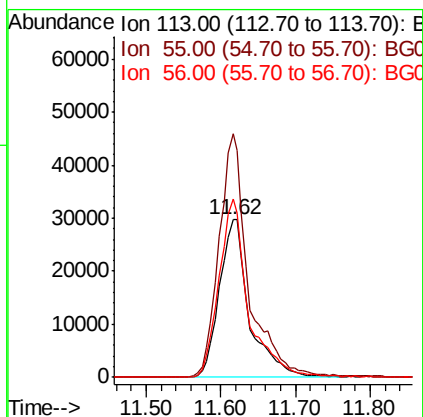
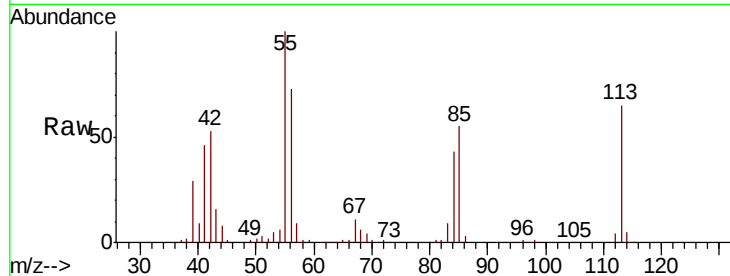




#35
 Caprolactam
 Concen: 42.519 ng
 RT: 11.62 min Scan# 1451
 Delta R.T. -0.02 min
 Lab File: BG044523.D
 Acq: 20 Feb 2020 16:38

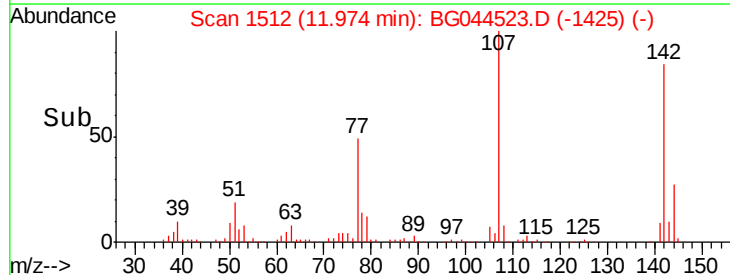
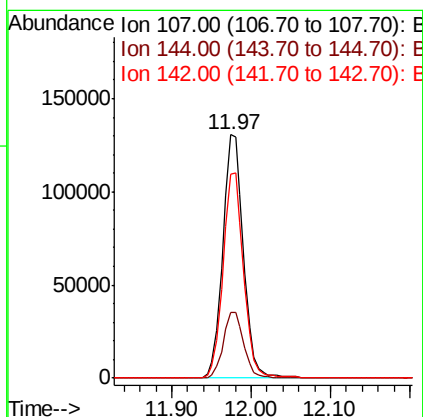
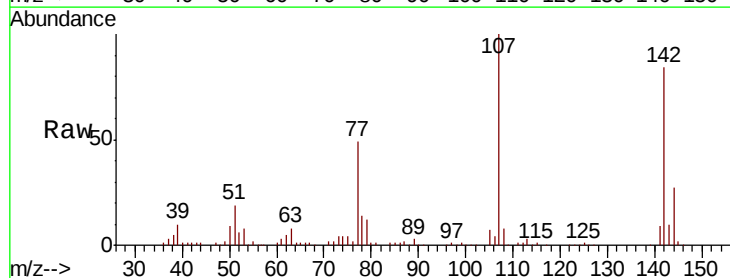
Instrument :
 BNA_G
 ClientSampleId :

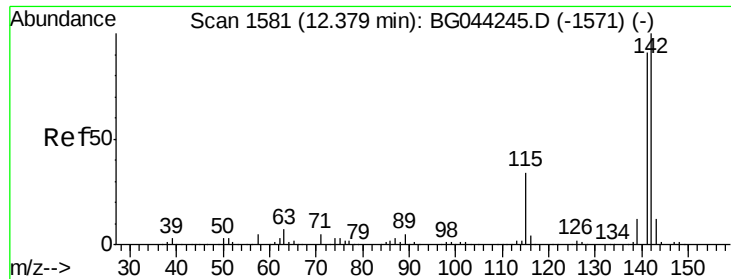
Tot Ion:113 Resp: 83437
 Ion Ratio Lower Upper
 113 100
 55 154.3 129.9 169.9
 56 113.2 92.5 132.5



#36
 4-Chloro-3-methylphenol
 Concen: 41.785 ng
 RT: 11.97 min Scan# 1512
 Delta R.T. -0.02 min
 Lab File: BG044523.D
 Acq: 20 Feb 2020 16:38

Tgt Ion:107 Resp: 234686
 Ion Ratio Lower Upper
 107 100
 144 26.9 22.2 33.4
 142 83.6 67.4 101.0

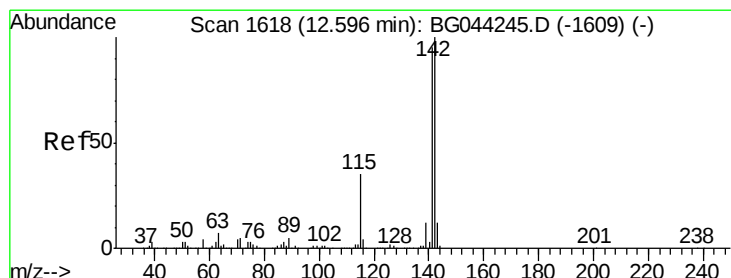
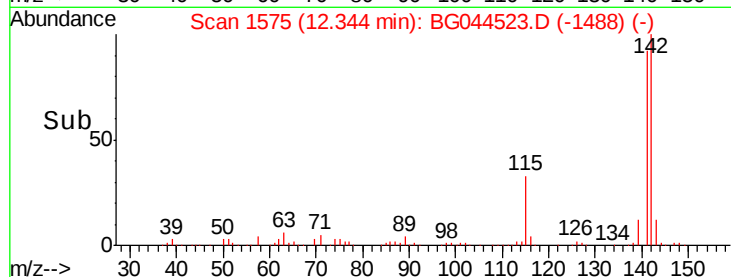
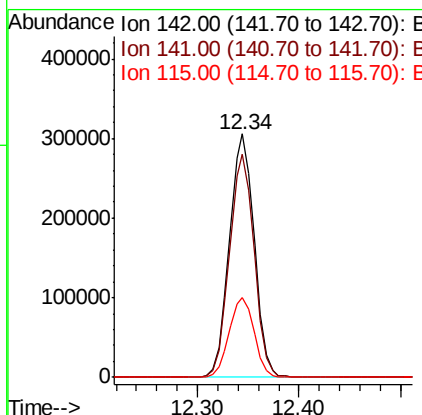
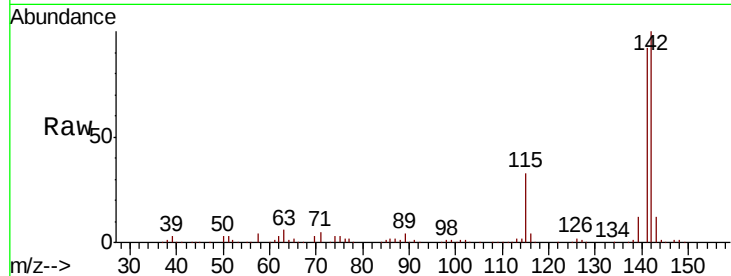




#37
2-Methylnaphthalene
Concen: 41.083 ng
RT: 12.34 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BG044523.D
Acq: 20 Feb 2020 16:38

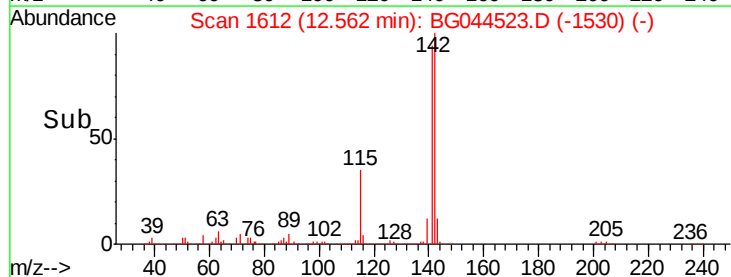
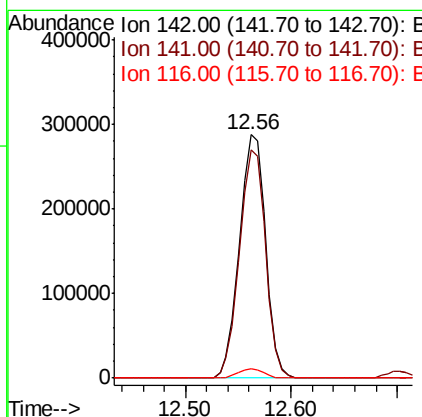
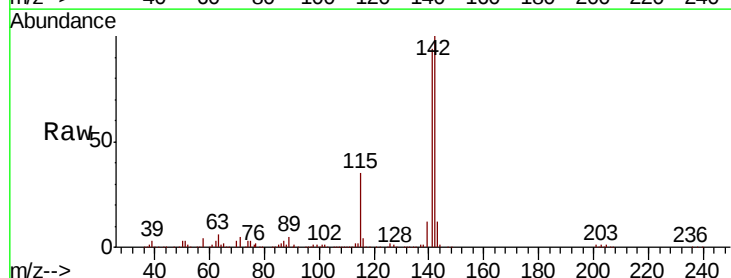
Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 517651
Ion Ratio Lower Upper
142 100
141 91.9 73.2 109.8
115 32.7 27.1 40.7



#38
1-Methylnaphthalene
Concen: 41.437 ng
RT: 12.56 min Scan# 1612
Delta R.T. -0.02 min
Lab File: BG044523.D
Acq: 20 Feb 2020 16:38

Tgt Ion:142 Resp: 492239
Ion Ratio Lower Upper
142 100
141 93.5 75.8 113.6
116 3.6 3.1 4.7

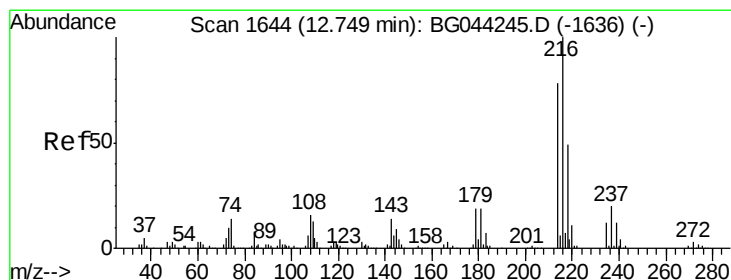
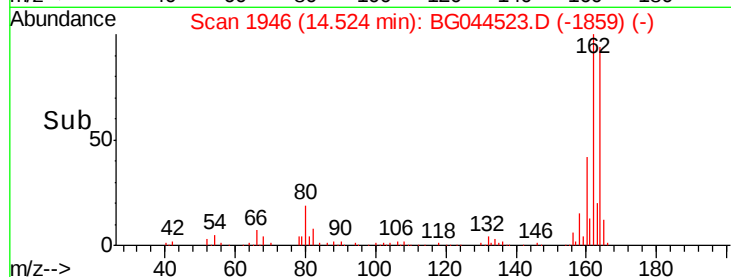
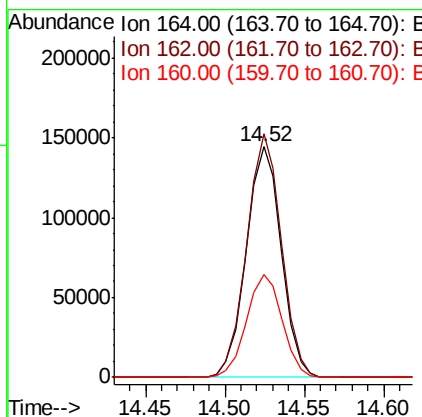
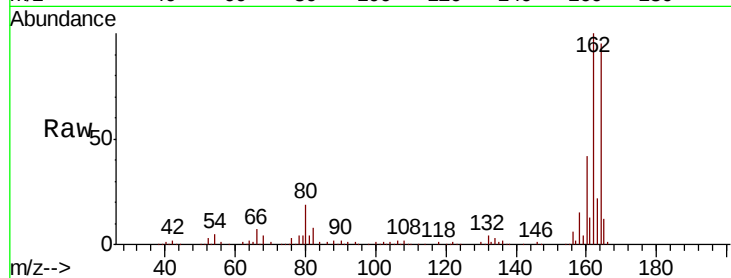




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BG044523.D
Acq: 20 Feb 2020 16:38

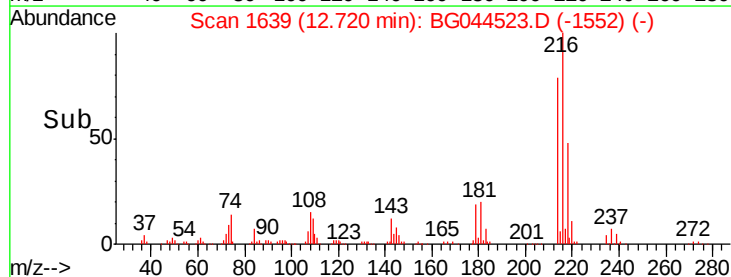
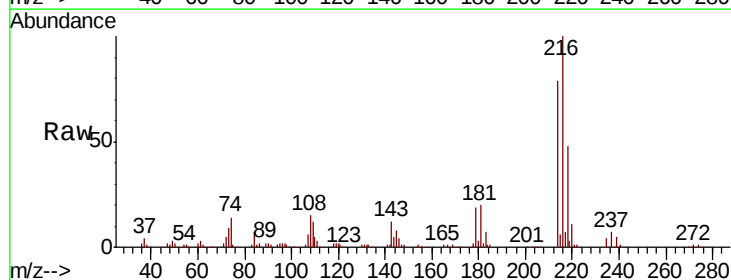
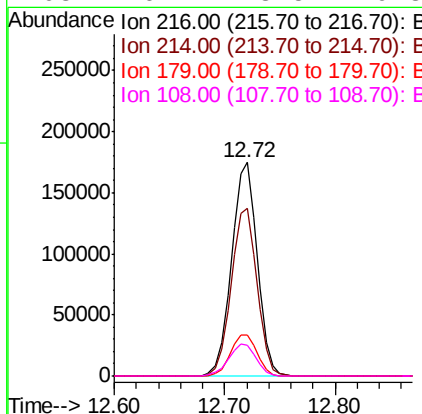
Instrument :
BNA_G
ClientSampleId :

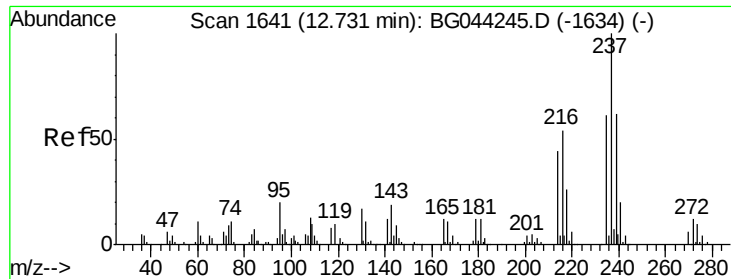
Tot Ion	Ratio	Lower	Upper
164	100		
162	105.7	80.7	121.1
160	44.4	35.3	52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.065 ng
RT: 12.72 min Scan# 1639
Delta R.T. -0.02 min
Lab File: BG044523.D
Acq: 20 Feb 2020 16:38

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.0	94.6
179	20.1	16.2	24.4
108	16.1	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 36.744 ng

RT: 12.70 min Scan# 1636

Delta R.T. -0.02 min

Lab File: BG044523.D

Acq: 20 Feb 2020 16:38

Instrument :

BNA_G

ClientSampleId :

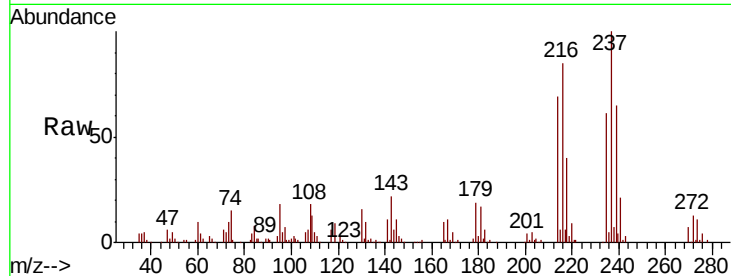
Tot Ion:237 Resp: 116694

Ion Ratio Lower Upper

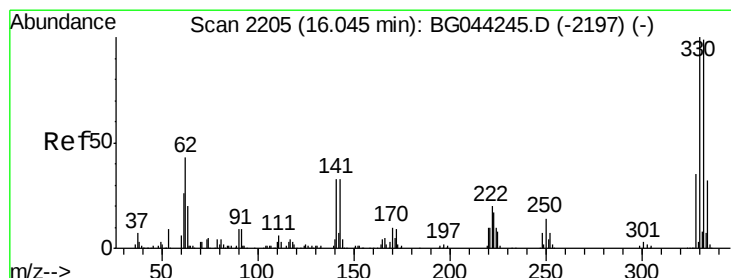
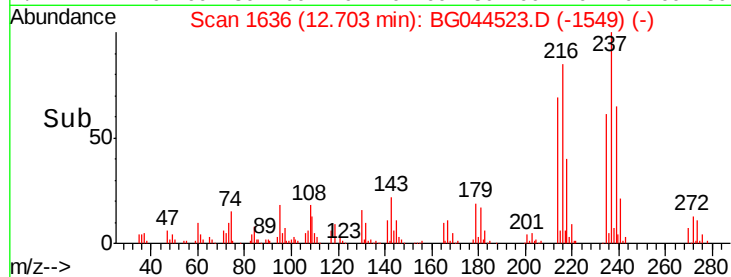
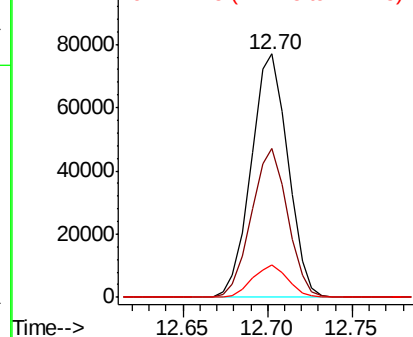
237 100

235 61.1 41.2 81.2

272 13.3 0.0 32.4



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 89.359 ng

RT: 16.02 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG044523.D

Acq: 20 Feb 2020 16:38

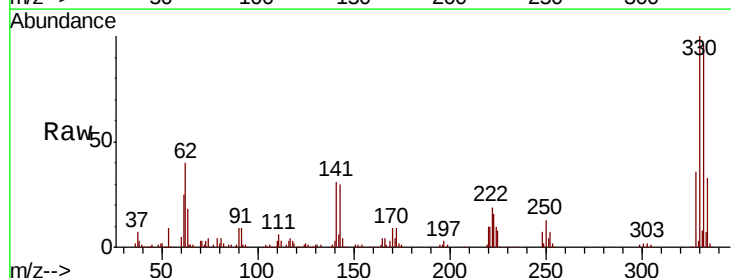
Tgt Ion:330 Resp: 232111

Ion Ratio Lower Upper

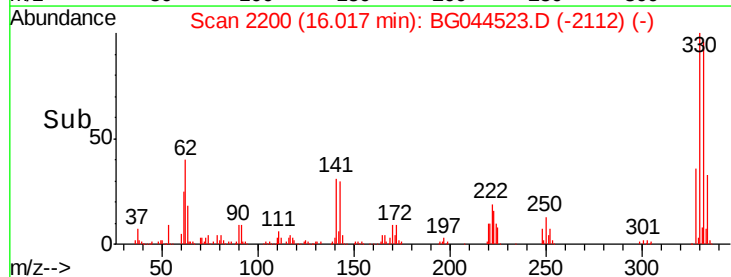
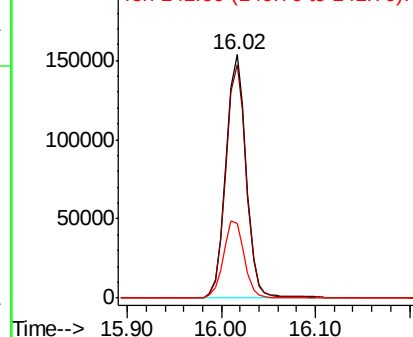
330 100

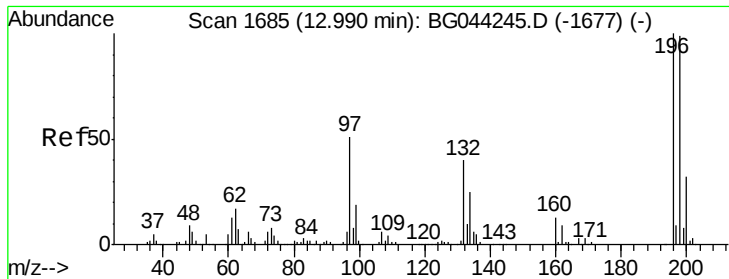
332 97.3 77.2 115.8

141 32.7 28.3 42.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

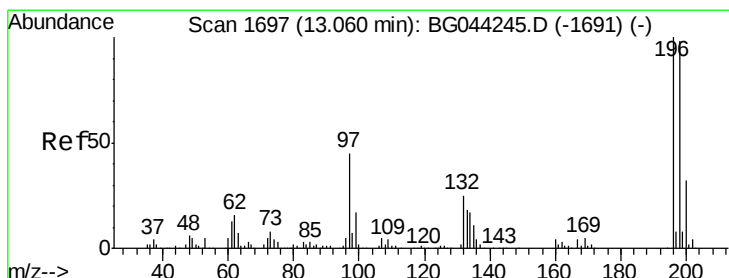
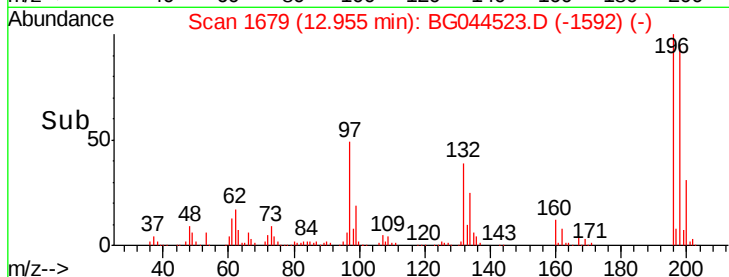
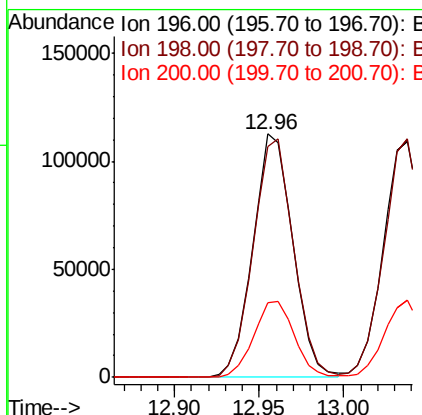
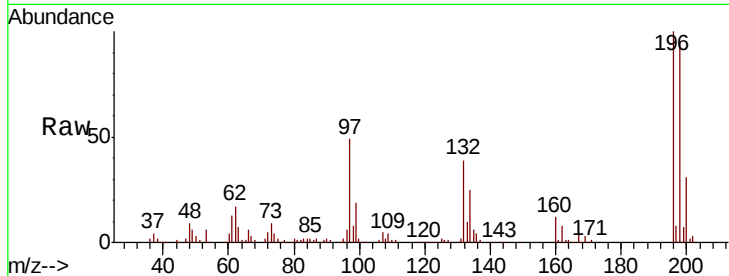




#43
 2,4,6-Trichlorophenol
 Concen: 43.239 ng
 RT: 12.96 min Scan# 1679
 Delta R.T. -0.02 min
 Lab File: BG044523.D
 Acq: 20 Feb 2020 16:38

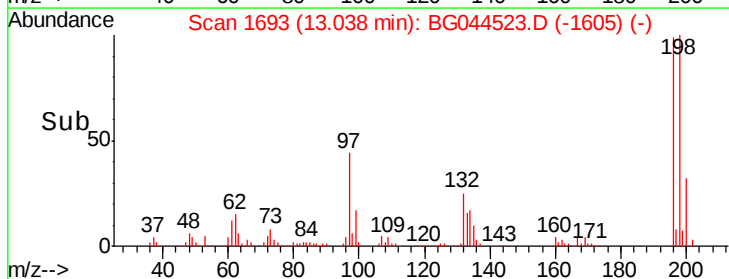
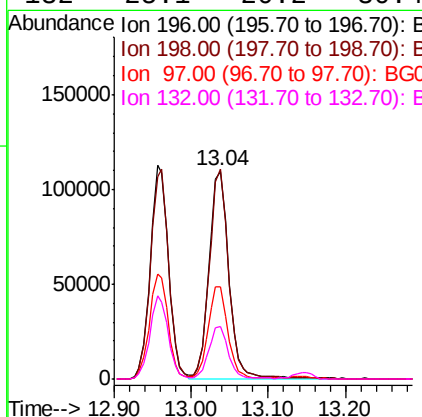
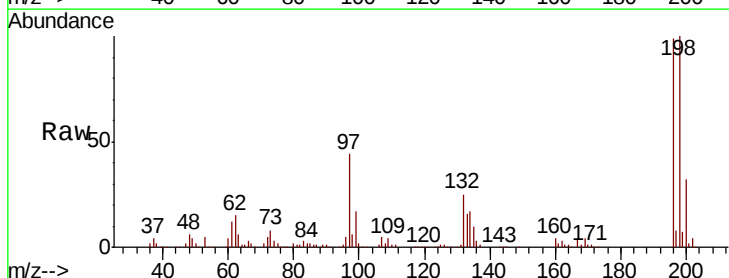
Instrument :
 BNA_G
 ClientSampleId :

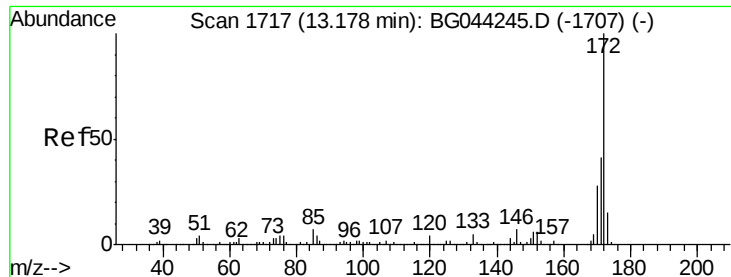
Tot Ion	196	Resp	184983
Ion	Ratio	Lower	Upper
196	100		
198	94.8	79.3	118.9
200	30.8	25.7	38.5



#44
 2,4,5-Trichlorophenol
 Concen: 44.238 ng
 RT: 13.04 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG044523.D
 Acq: 20 Feb 2020 16:38

Tgt Ion	196	Resp	193306
Ion	Ratio	Lower	Upper
196	100		
198	100.9	78.2	117.2
97	44.3	36.2	54.4
132	25.1	20.2	30.4



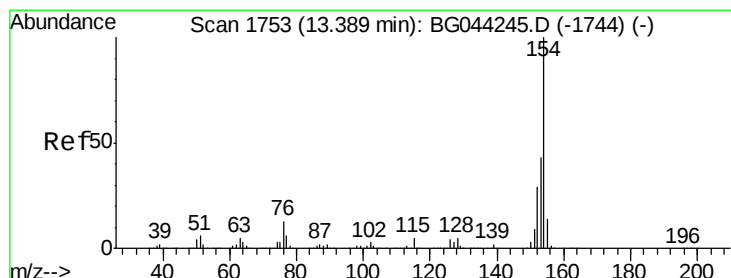
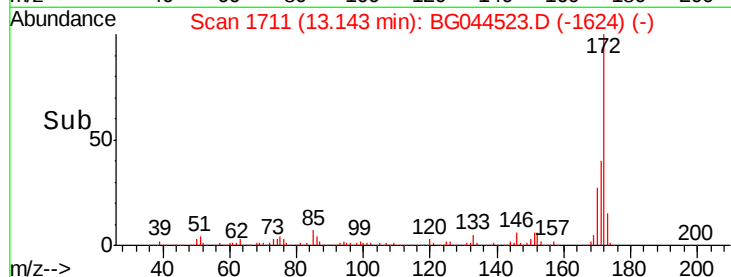
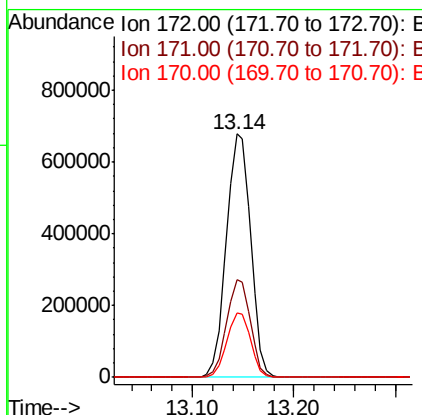
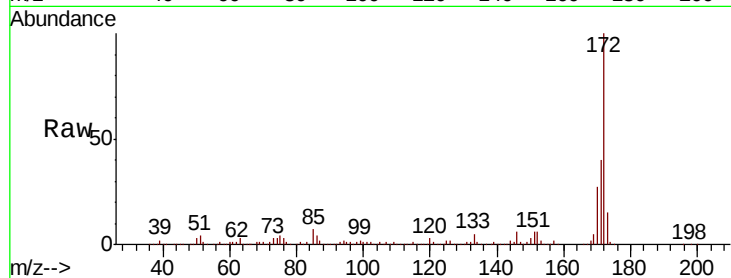


#45
 2-Fluorobiphenyl
 Concen: 85.211 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. -0.02 min
 Lab File: BG044523.D
 Acq: 20 Feb 2020 16:38

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:172 Resp: 1125913

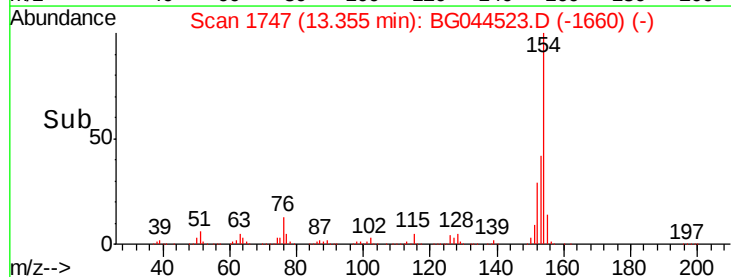
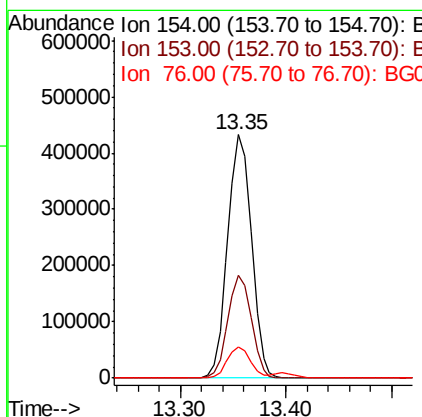
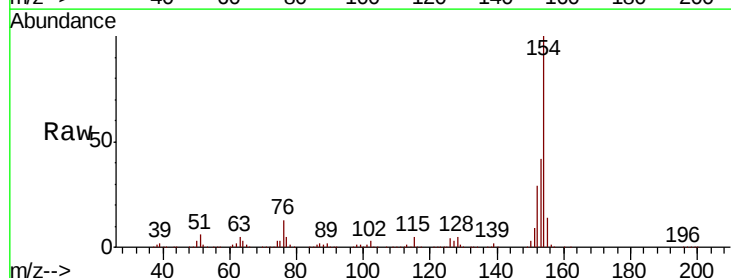
Ion	Ratio	Lower	Upper
172	100		
171	39.9	32.9	49.3
170	26.7	22.0	33.0

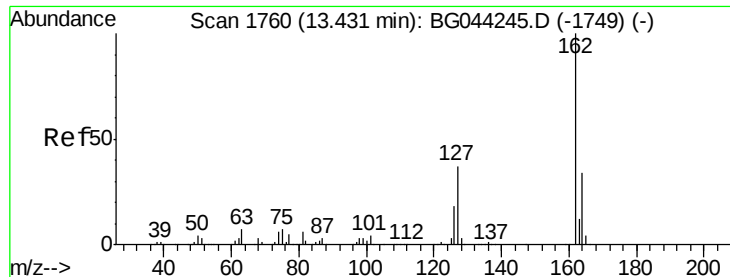


#46
 1,1'-Biphenyl
 Concen: 42.270 ng
 RT: 13.35 min Scan# 1747
 Delta R.T. -0.02 min
 Lab File: BG044523.D
 Acq: 20 Feb 2020 16:38

Tgt Ion:154 Resp: 674627

Ion	Ratio	Lower	Upper
154	100		
153	42.0	22.7	62.7
76	12.6	0.0	32.9

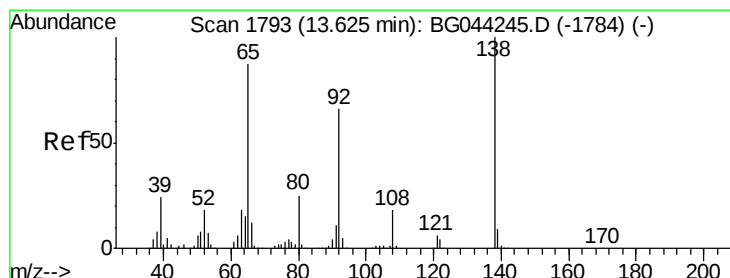
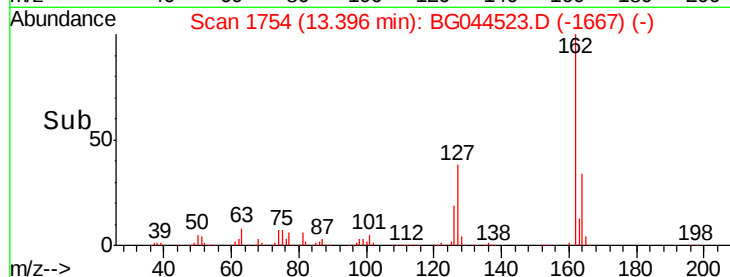
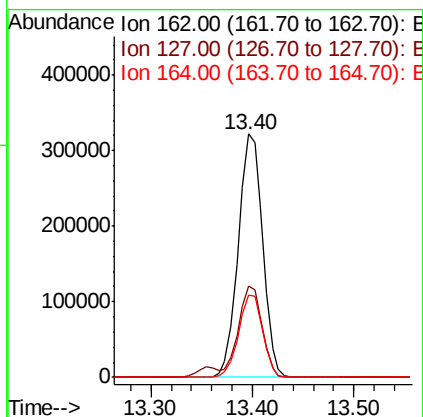
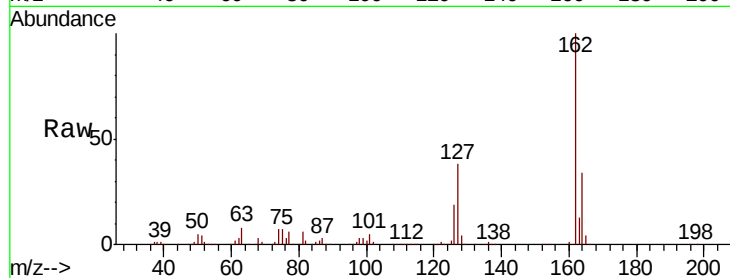




#47
2-Chloronaphthalene
Concen: 42.200 ng
RT: 13.40 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG044523.D
Acq: 20 Feb 2020 16:38

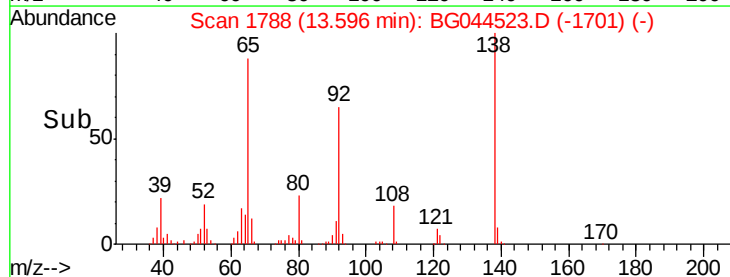
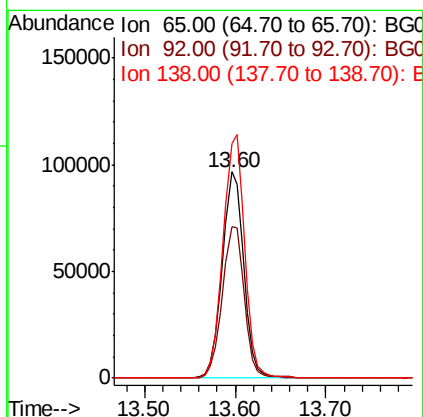
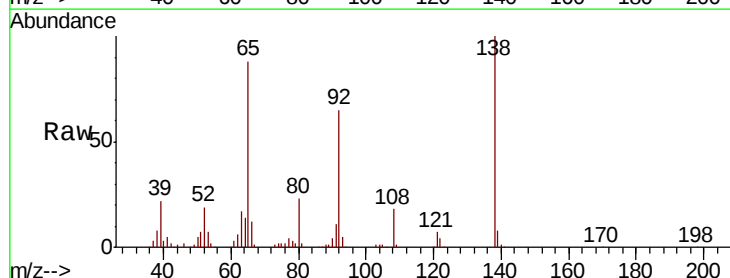
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.6	30.0	45.0
164	34.0	27.2	40.8



#48
2-Nitroaniline
Concen: 42.438 ng
RT: 13.60 min Scan# 1788
Delta R.T. -0.02 min
Lab File: BG044523.D
Acq: 20 Feb 2020 16:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.7	60.3	90.5
138	113.9	91.9	137.9





#49

Acenaphthylene

Concen: 42.303 ng

RT: 14.25 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG044523.D

Acq: 20 Feb 2020 16:38

Instrument :

BNA_G

ClientSampleId :

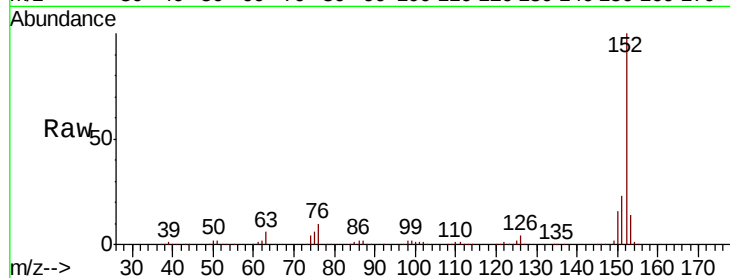
Tot Ion:152 Resp: 787997

Ion Ratio Lower Upper

152 100

151 22.5 18.1 27.1

153 14.1 11.5 17.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

600000

500000

400000

300000

200000

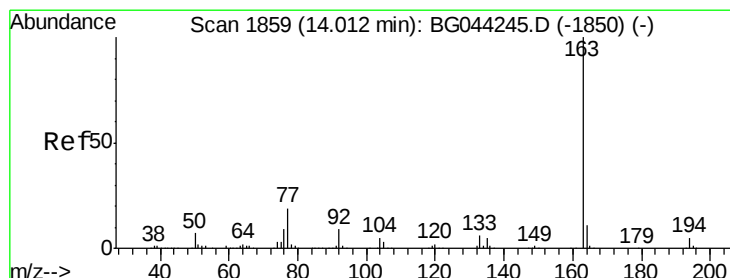
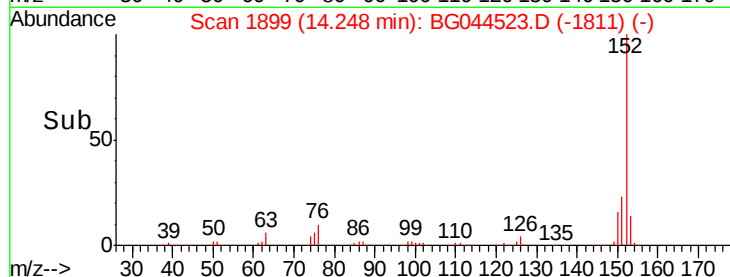
100000

0

14.10 14.20 14.30

14.25

Time-->



#50

Dimethylphthalate

Concen: 41.758 ng

RT: 13.98 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG044523.D

Acq: 20 Feb 2020 16:38

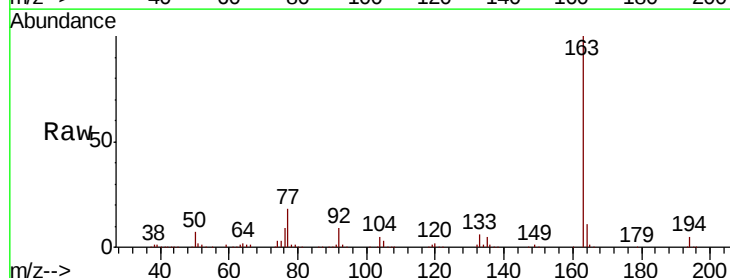
Tgt Ion:163 Resp: 664168

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

164 10.8 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

600000

500000

400000

300000

200000

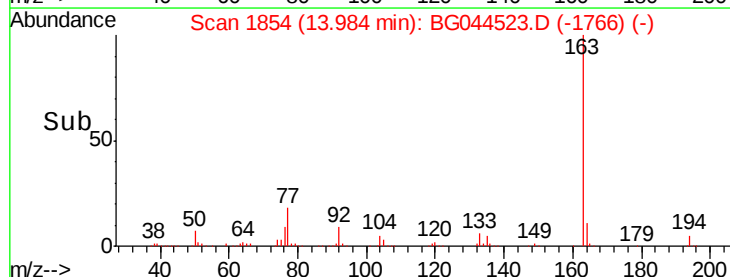
100000

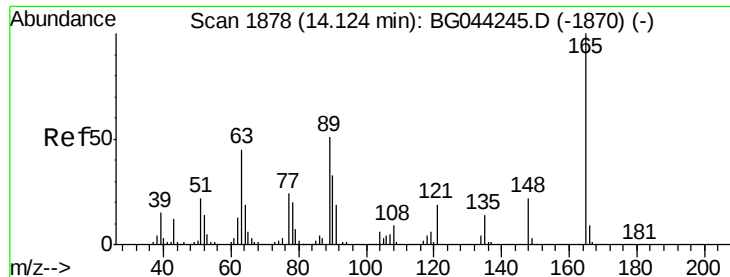
0

13.90 14.00 14.10

13.98

Time-->





#51

2,6-Dinitrotoluene

Concen: 42.240 ng

RT: 14.10 min Scan# 1873

Delta R.T. -0.02 min

Lab File: BG044523.D

Acq: 20 Feb 2020 16:38

Instrument :

BNA_G

ClientSampleId :

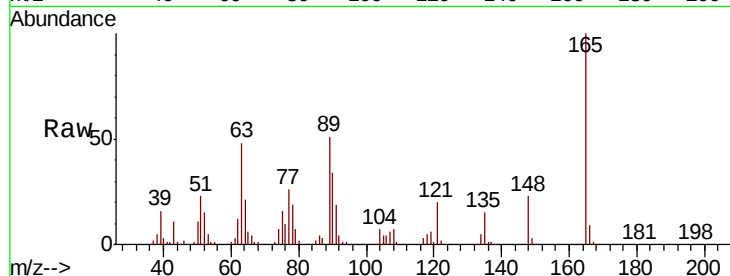
Tot Ion:165 Resp: 149794

Ion Ratio Lower Upper

165 100

63 47.7 38.7 58.1

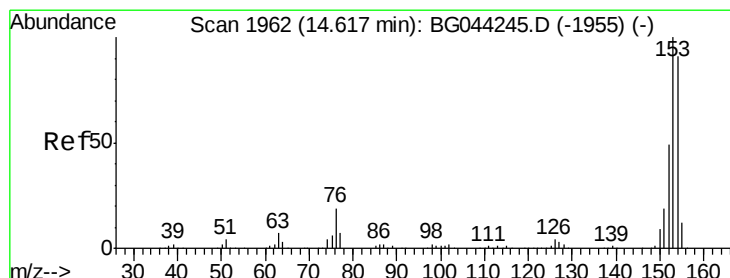
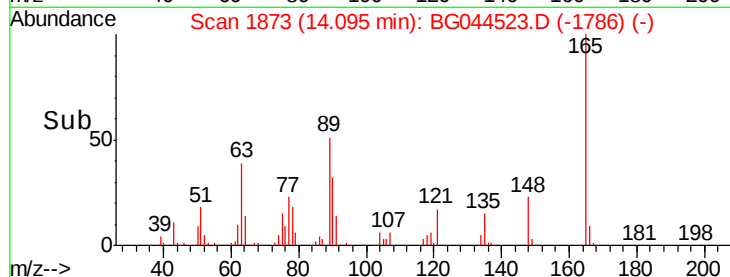
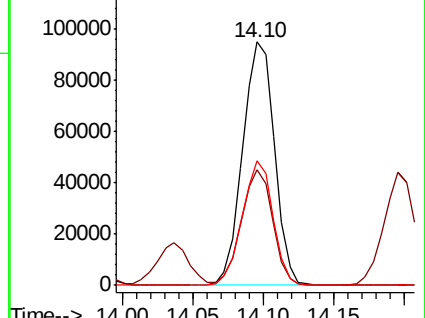
89 51.3 40.4 60.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 41.670 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.02 min

Lab File: BG044523.D

Acq: 20 Feb 2020 16:38

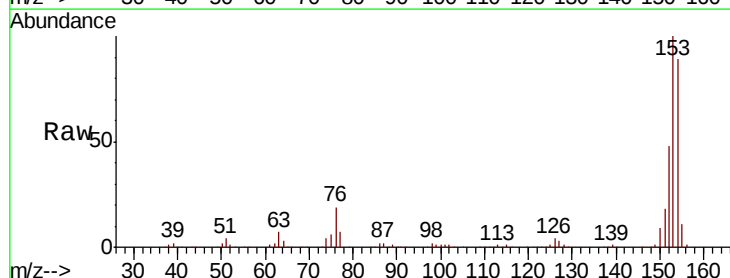
Tgt Ion:154 Resp: 503118

Ion Ratio Lower Upper

154 100

153 112.4 87.9 131.9

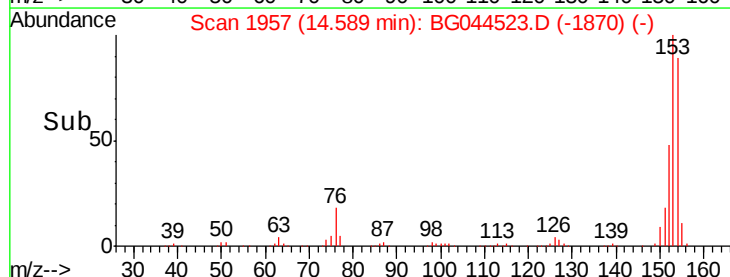
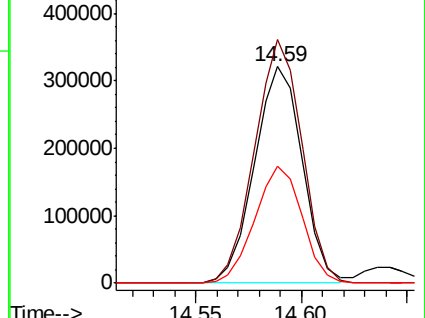
152 54.2 43.1 64.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

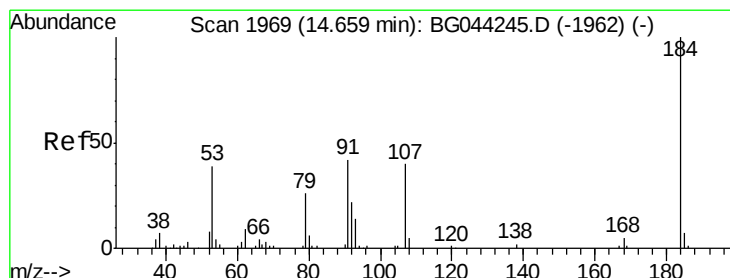
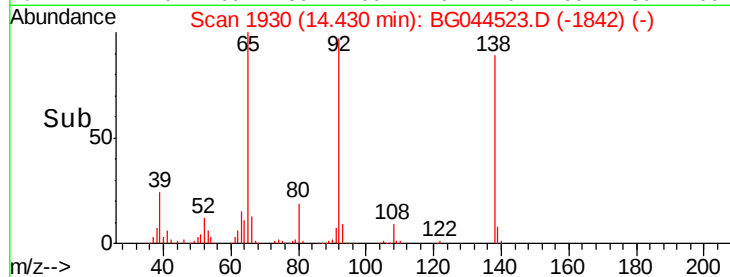
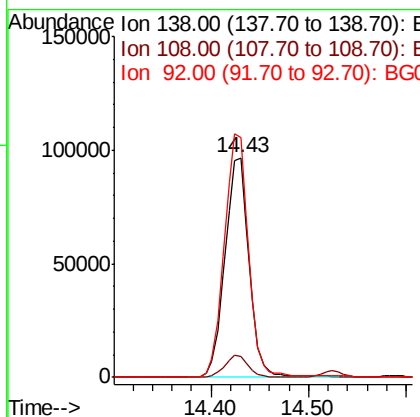
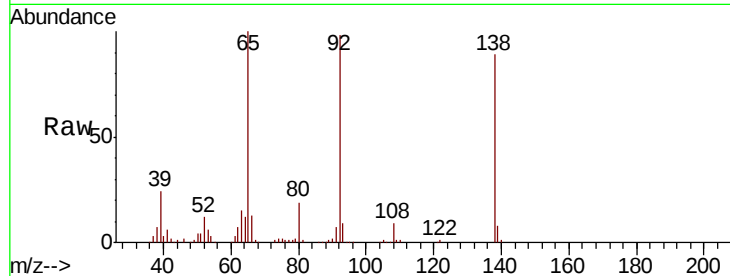




#53
 3-Nitroaniline
 Concen: 42.241 ng
 RT: 14.43 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: BG044523.D
 Acq: 20 Feb 2020 16:38

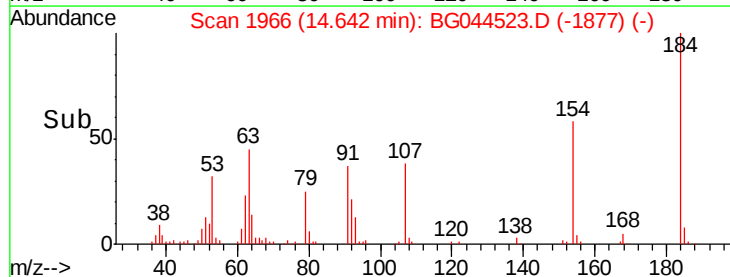
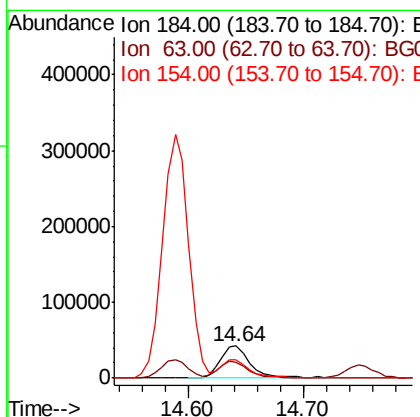
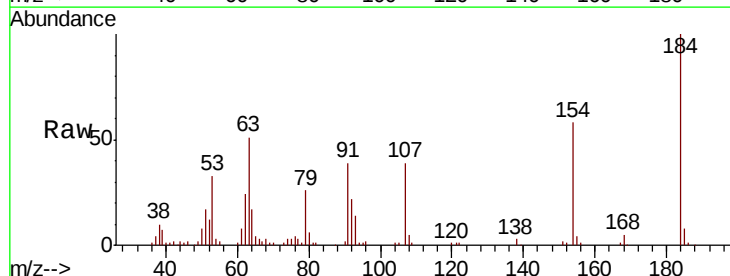
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:138 Resp: 165728
 Ion Ratio Lower Upper
 138 100
 108 9.5 7.9 11.9
 92 109.1 91.0 136.4



#54
 2,4-Dinitrophenol
 Concen: 41.117 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.01 min
 Lab File: BG044523.D
 Acq: 20 Feb 2020 16:38

Tgt Ion:184 Resp: 77792
 Ion Ratio Lower Upper
 184 100
 63 50.8 44.1 66.1
 154 57.7 45.4 68.0

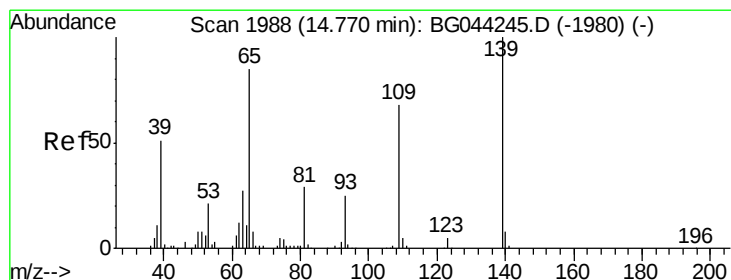
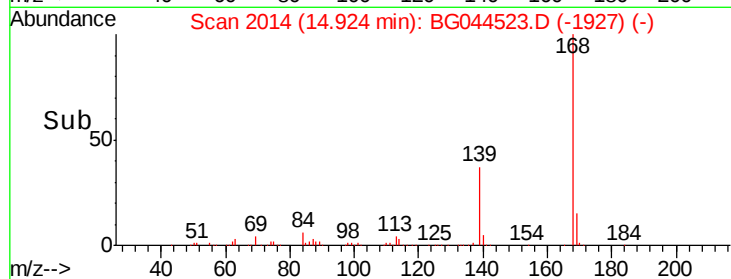
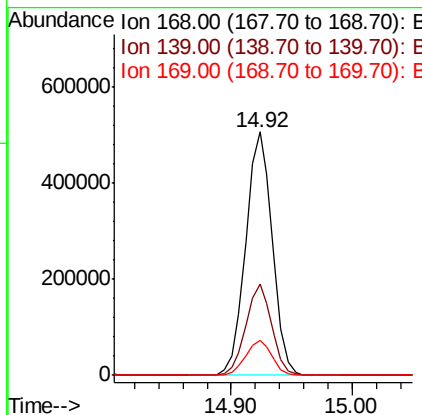
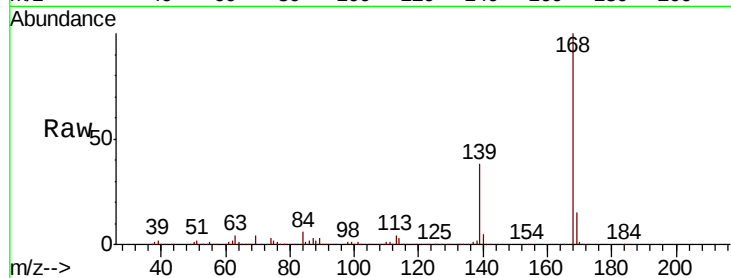




#55
Dibenzenofuran
Concen: 42.284 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BG044523.D
Acq: 20 Feb 2020 16:38

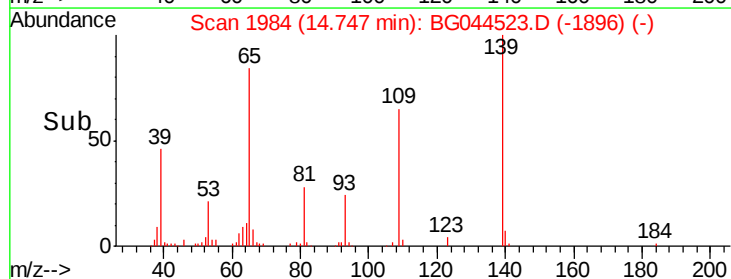
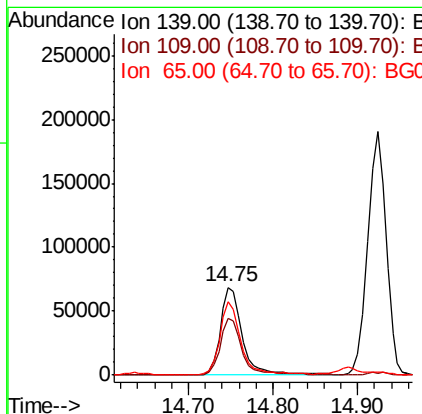
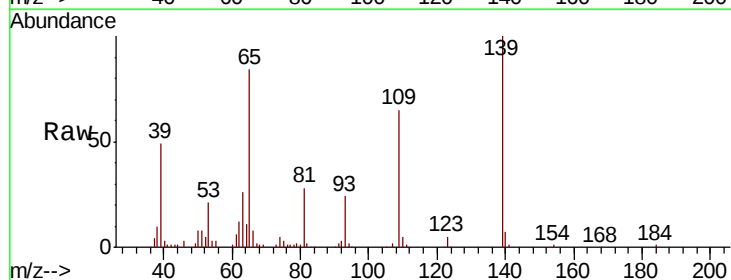
Instrument :
BNA_G
ClientSampleId :

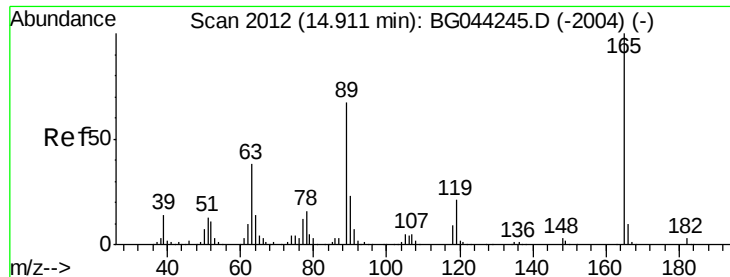
Tot Ion:168 Resp: 772976
Ion Ratio Lower Upper
168 100
139 37.7 30.5 45.7
169 14.6 11.7 17.5



#56
4-Nitrophenol
Concen: 43.315 ng
RT: 14.75 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BG044523.D
Acq: 20 Feb 2020 16:38

Tgt Ion:139 Resp: 124484
Ion Ratio Lower Upper
139 100
109 65.1 47.5 87.5
65 84.1 64.9 104.9

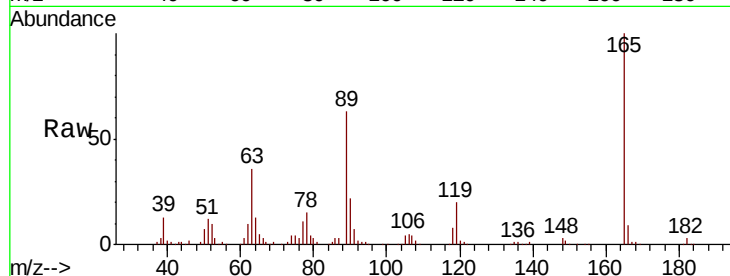




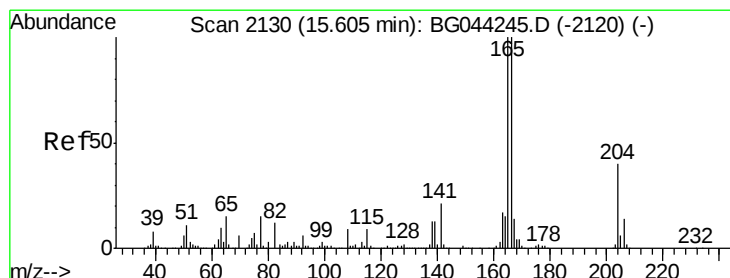
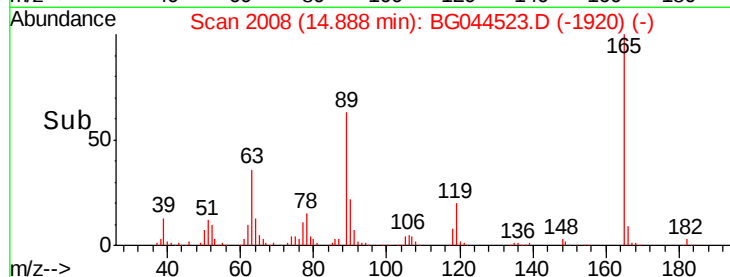
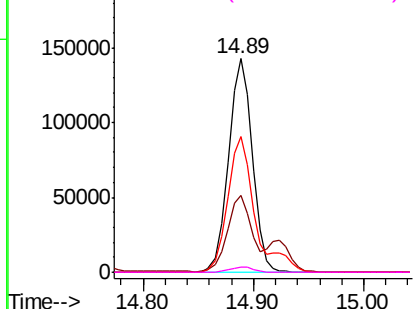
#57
2,4-Dinitrotoluene
Concen: 43.234 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG044523.D
Acq: 20 Feb 2020 16:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	36.0	30.3	45.5
89	63.3	53.4	80.2
182	2.7	2.1	3.1

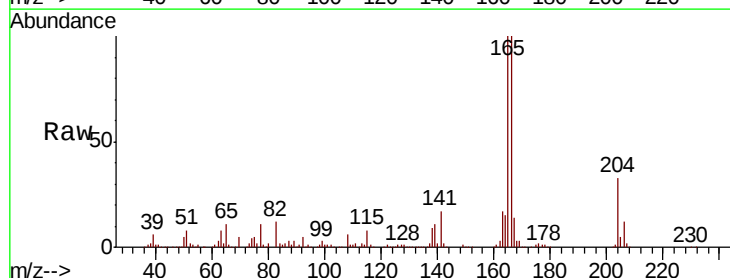


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

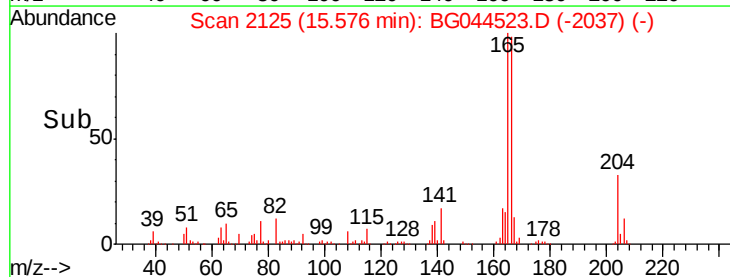
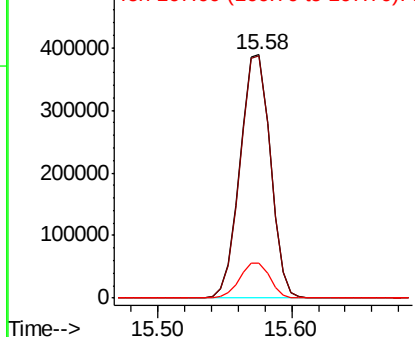


#58
Fluorene
Concen: 42.441 ng
RT: 15.58 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BG044523.D
Acq: 20 Feb 2020 16:38

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.9	119.9
167	14.2	11.4	17.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

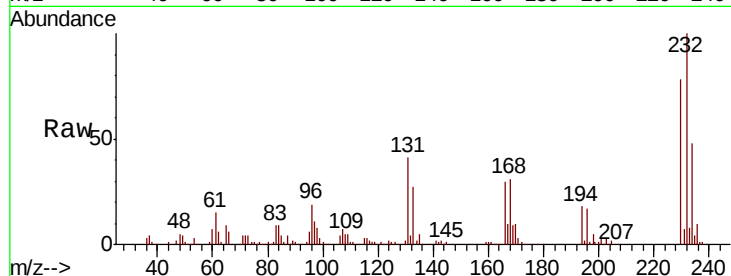




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.141 ng
 RT: 15.15 min Scan# 2053
 Delta R.T. -0.02 min
 Lab File: BG044523.D
 Acq: 20 Feb 2020 16:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.0	34.2	51.4
130	2.1	1.8	2.8
166	28.2	23.8	35.8



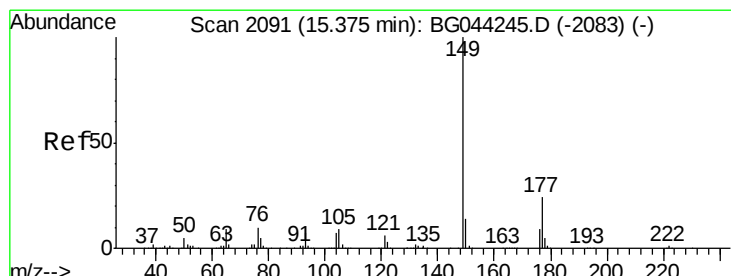
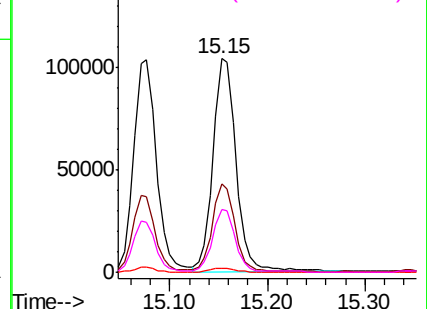
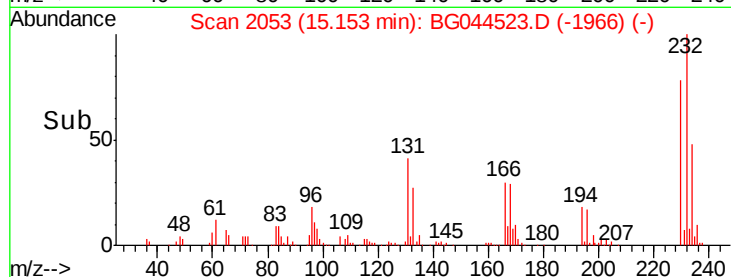
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

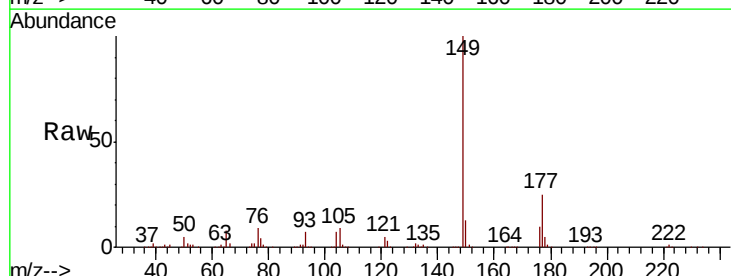
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 41.914 ng
 RT: 15.35 min Scan# 2086
 Delta R.T. -0.02 min
 Lab File: BG044523.D
 Acq: 20 Feb 2020 16:38

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.6	19.4	29.0
150	13.1	10.9	16.3

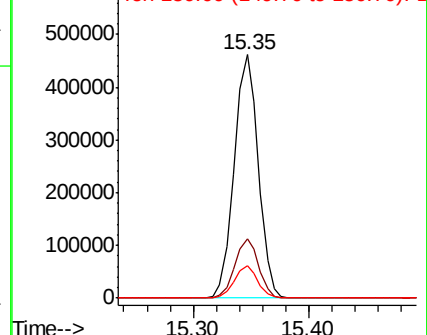
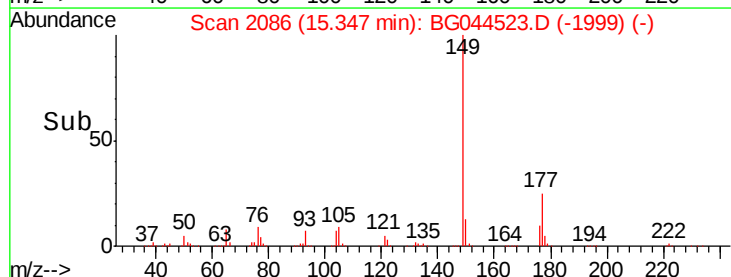


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

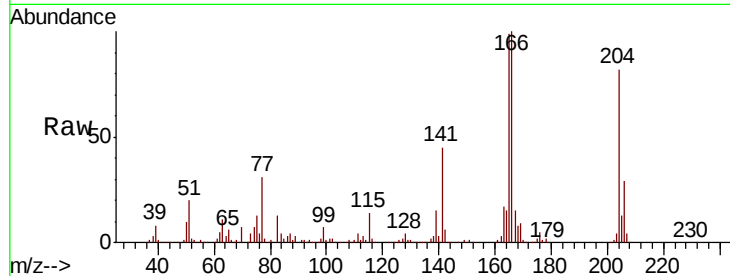




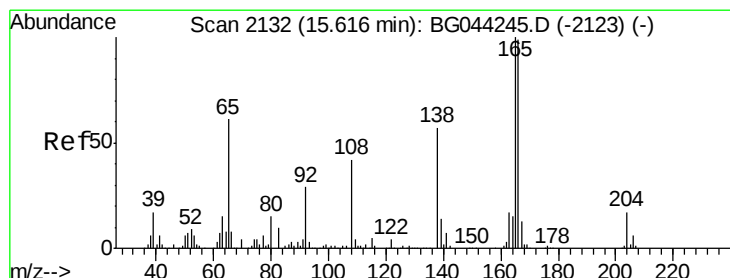
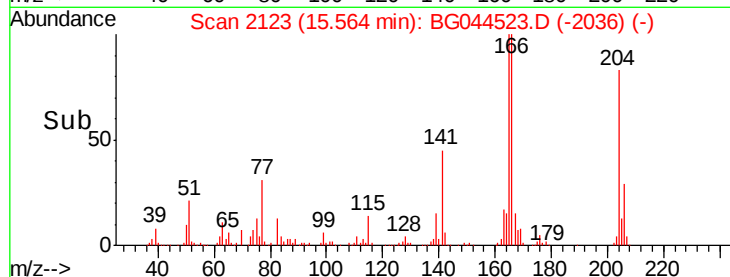
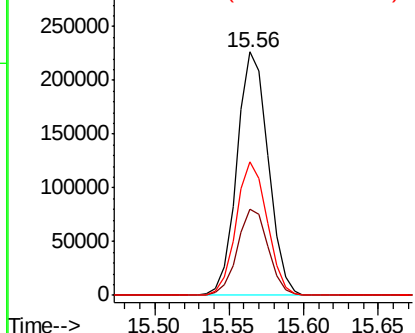
#61
 4-Chlorophenyl-phenylether
 Concen: 42.088 ng
 RT: 15.56 min Scan# 2123
 Delta R.T. -0.02 min
 Lab File: BG044523.D
 Acq: 20 Feb 2020 16:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.3	27.6	41.4
141	54.6	43.4	65.0

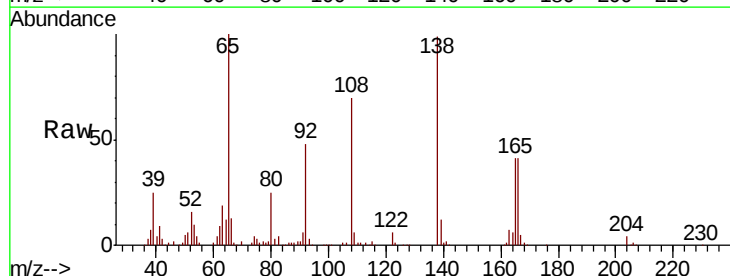


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

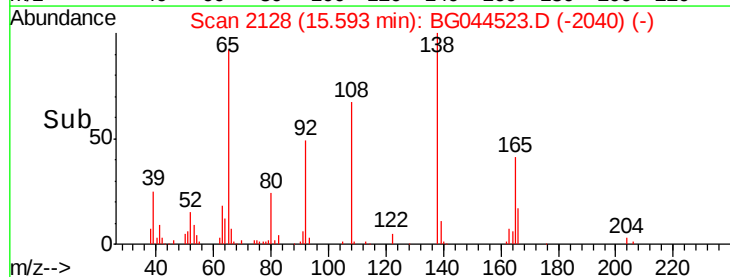
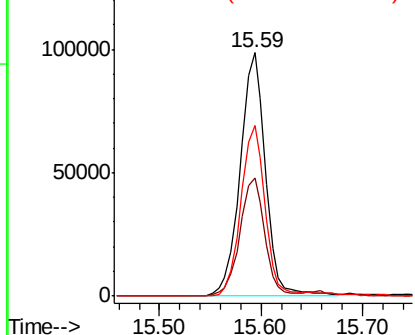


#62
 4-Nitroaniline
 Concen: 43.744 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BG044523.D
 Acq: 20 Feb 2020 16:38

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.7	31.3	71.3
108	70.2	52.6	92.6



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

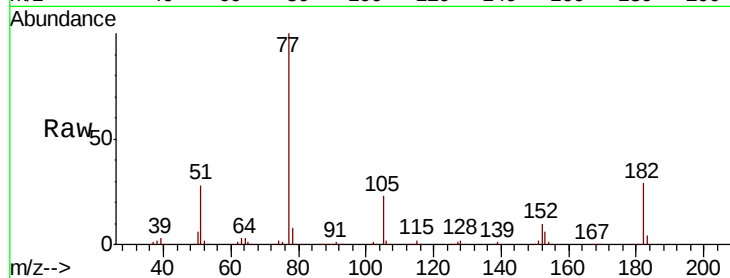




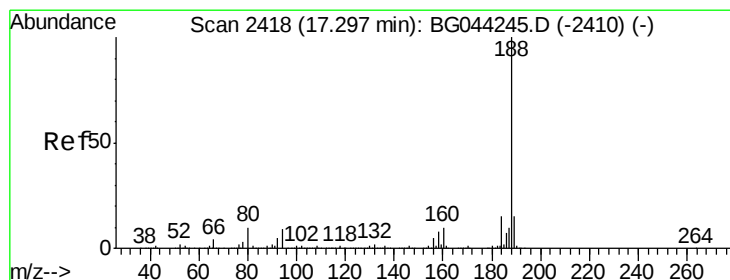
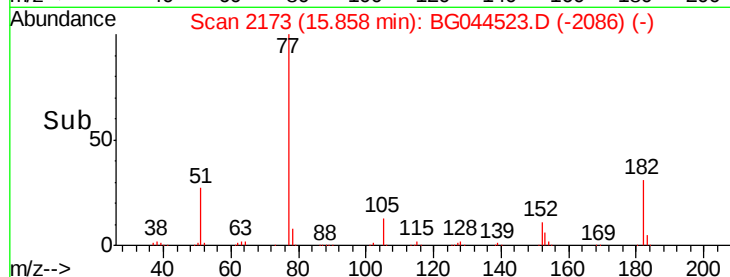
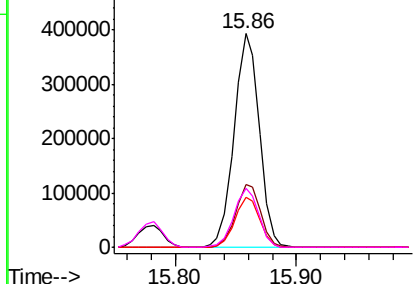
#63
Azobenzene
Concen: 40.904 ng
RT: 15.86 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BG044523.D
Acq: 20 Feb 2020 16:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	568144
Ion	Ratio	Lower	Upper
77	100		
182	29.3	8.2	48.2
105	23.1	3.6	43.6
51	27.7	8.3	48.3

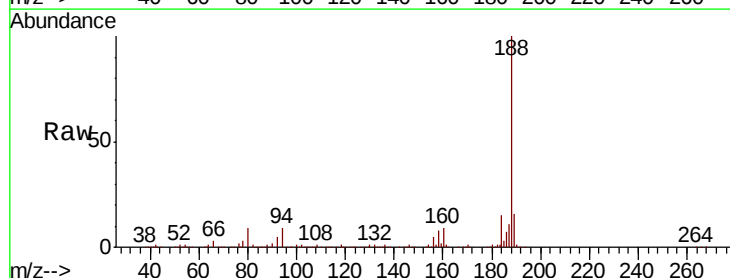


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

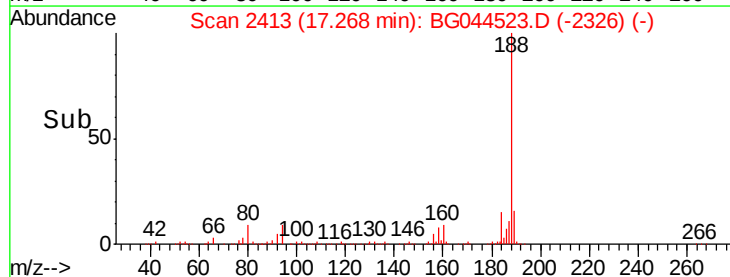
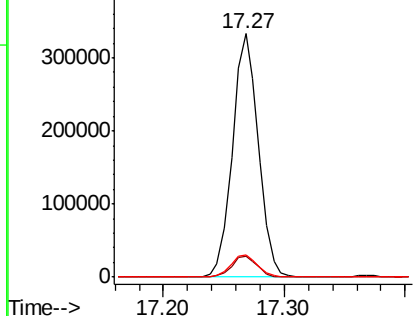


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.27 min Scan# 2413
Delta R.T. -0.02 min
Lab File: BG044523.D
Acq: 20 Feb 2020 16:38

Tgt Ion:	188	Resp:	495520
Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.4	11.2
80	9.2	7.7	11.5



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: 42.114 ng

RT: 15.66 min Scan# 2139

Delta R.T. -0.01 min

Lab File: BG044523.D

Acq: 20 Feb 2020 16:38

Instrument :

BNA_G

ClientSampleId :

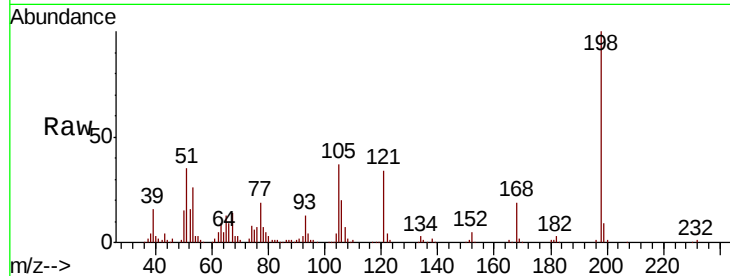
Tot Ion:198 Resp: 115194

Ion	Ratio	Lower	Upper
198	100		
51	35.0	16.6	56.6
105	37.1	20.6	60.6

198 100

51 35.0 16.6 56.6

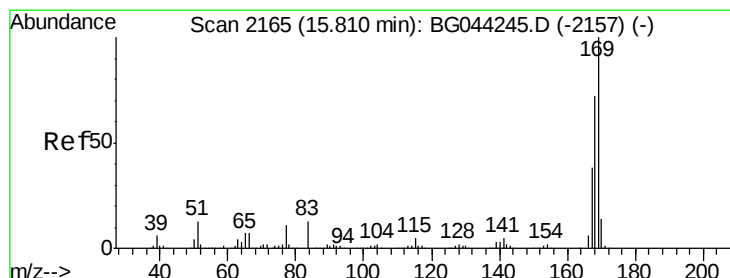
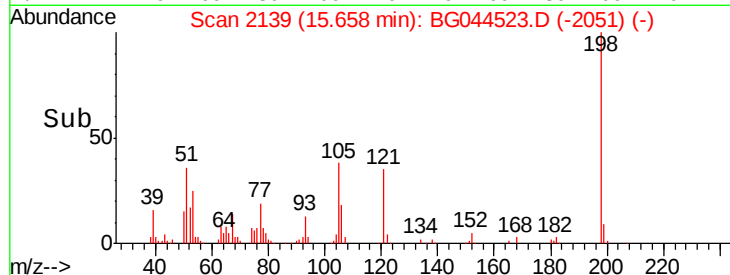
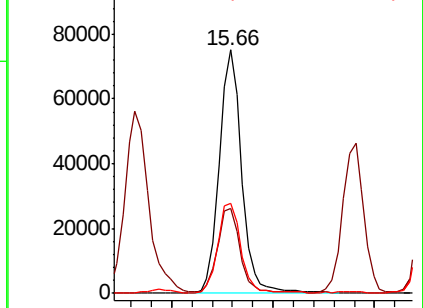
105 37.1 20.6 60.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.850 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.02 min

Lab File: BG044523.D

Acq: 20 Feb 2020 16:38

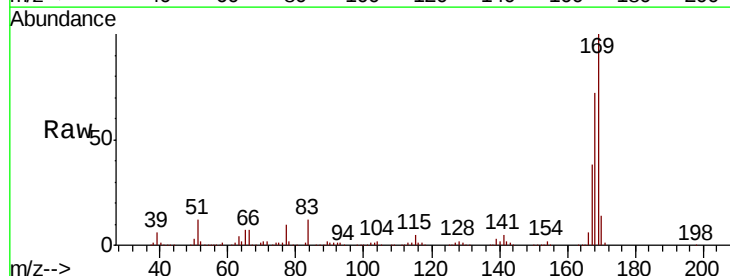
Tgt Ion:169 Resp: 567266

Ion	Ratio	Lower	Upper
169	100		
168	71.9	57.9	86.9
167	38.4	30.7	46.1

169 100

168 71.9 57.9 86.9

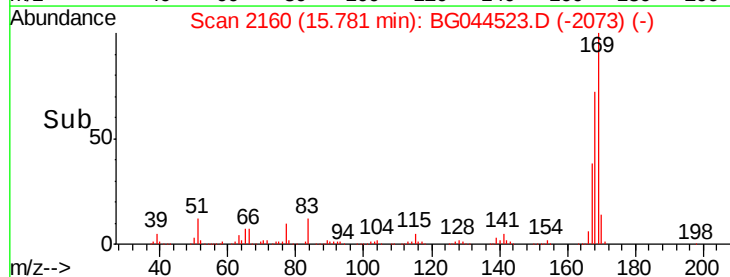
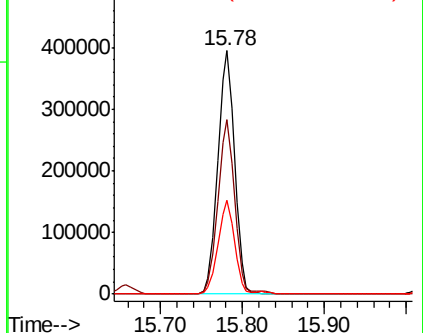
167 38.4 30.7 46.1

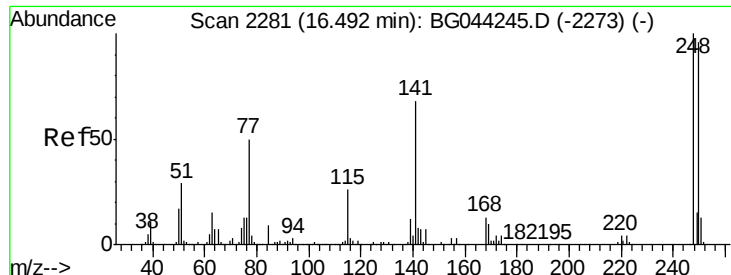


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

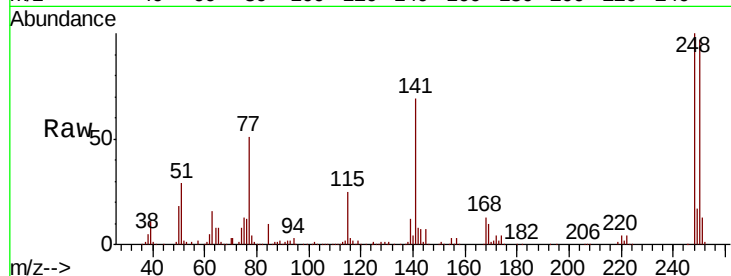




#67
 4-Bromophenyl-phenylether
 Concen: 41.102 ng
 RT: 16.46 min Scan# 2275
 Delta R.T. -0.02 min
 Lab File: BG044523.D
 Acq: 20 Feb 2020 16:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	76.6	114.8
141	68.7	54.7	82.1

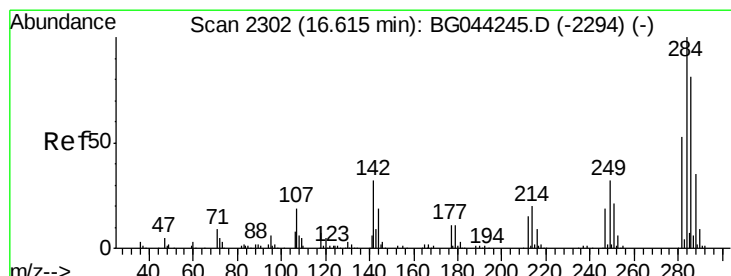
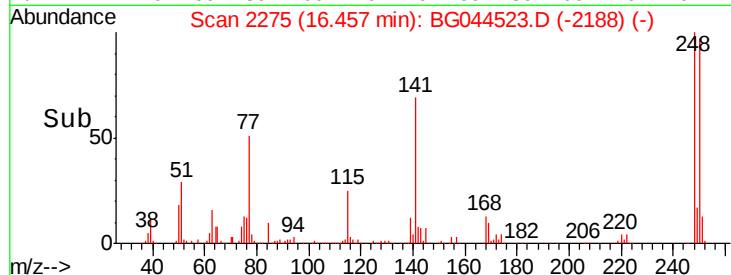
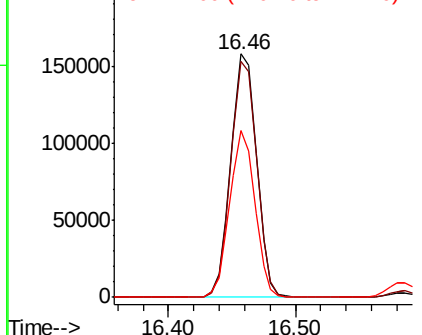


Abundance

Ion 248.00 (247.70 to 248.70): E

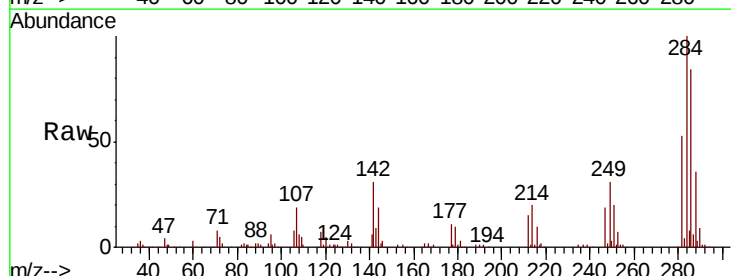
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 41.514 ng
 RT: 16.59 min Scan# 2297
 Delta R.T. -0.01 min
 Lab File: BG044523.D
 Acq: 20 Feb 2020 16:38

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.2	25.3	37.9
249	31.3	25.5	38.3

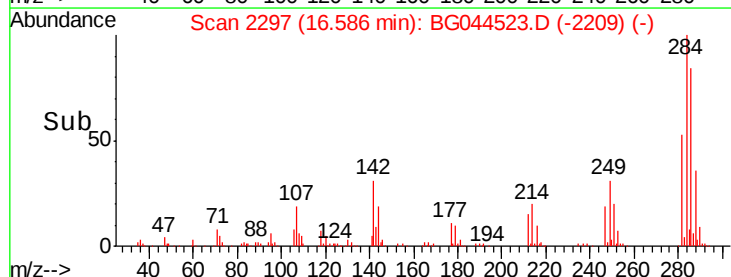
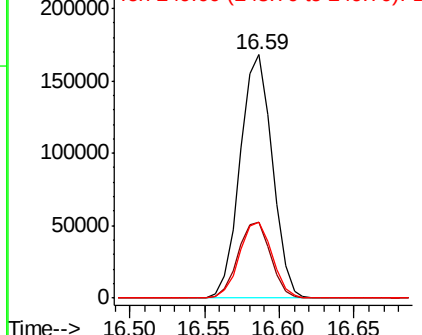


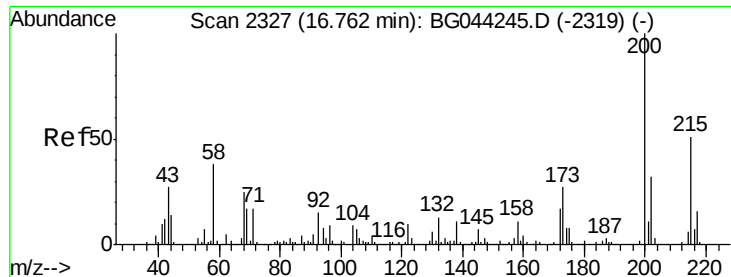
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 38.198 ng

RT: 16.73 min Scan# 2321

Delta R.T. -0.03 min

Lab File: BG044523.D

Acq: 20 Feb 2020 16:38

Instrument :

BNA_G

ClientSampleId :

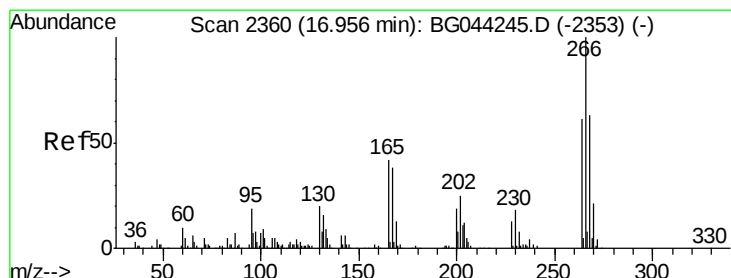
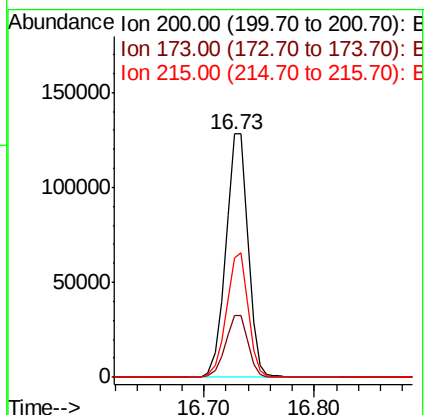
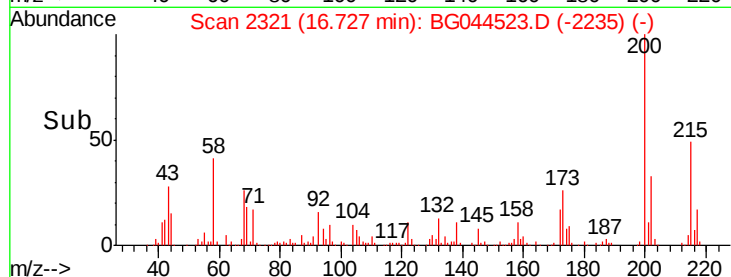
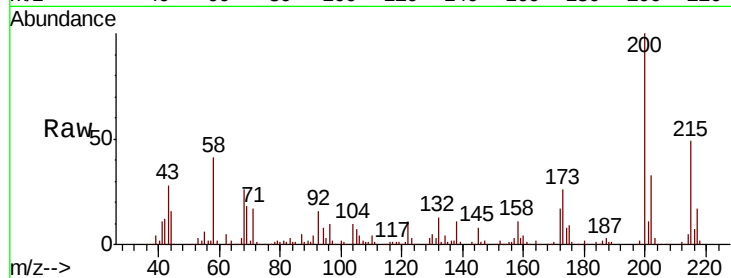
Tot Ion:200 Resp: 181811

Ion Ratio Lower Upper

200 100

173 25.5 6.6 46.6

215 49.0 31.0 71.0



#70

Pentachlorophenol

Concen: 40.067 ng

RT: 16.93 min Scan# 2355

Delta R.T. -0.02 min

Lab File: BG044523.D

Acq: 20 Feb 2020 16:38

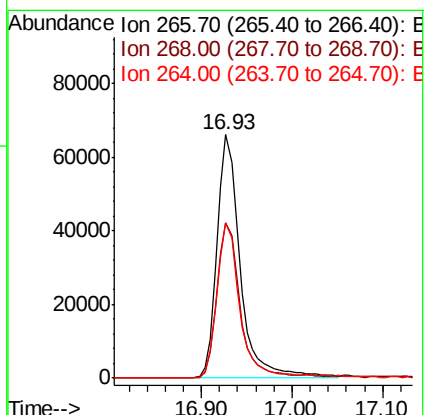
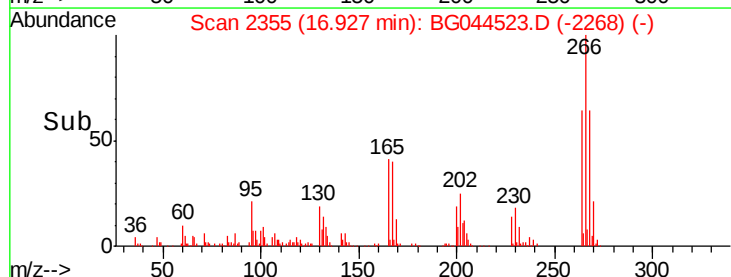
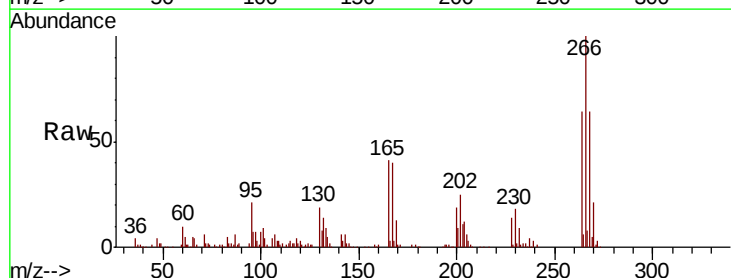
Tgt Ion:266 Resp: 117554

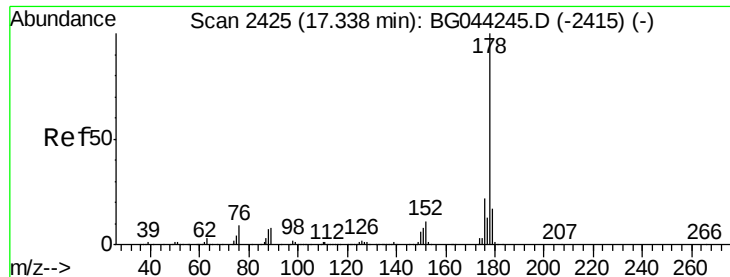
Ion Ratio Lower Upper

266 100

268 63.8 50.6 75.8

264 64.0 48.7 73.1

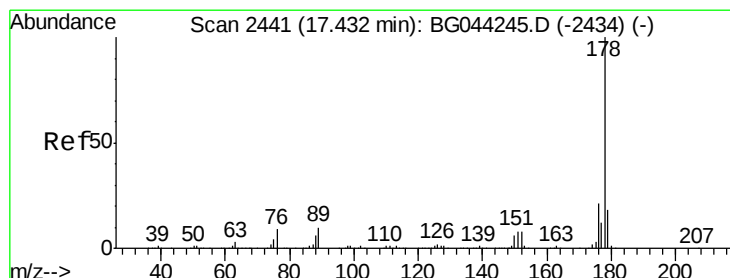
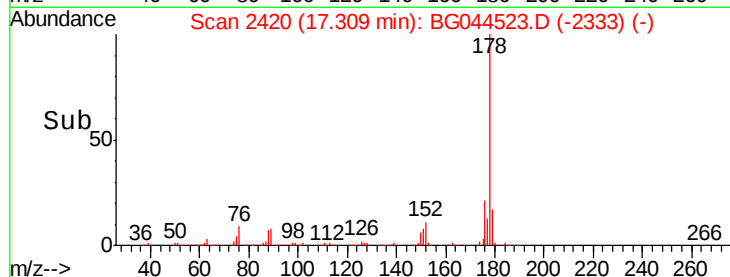
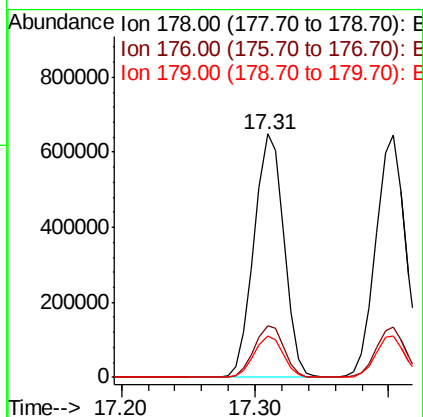
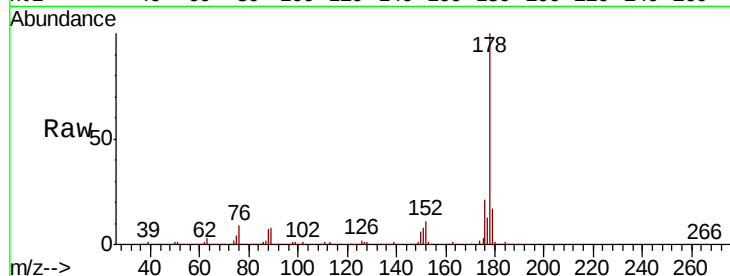




#71
Phenanthrene
Concen: 41.798 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.02 min
Lab File: BG044523.D
Acq: 20 Feb 2020 16:38

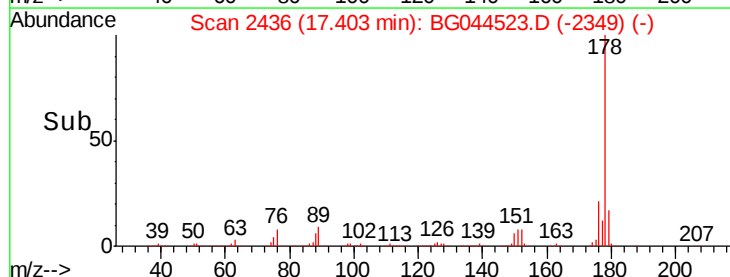
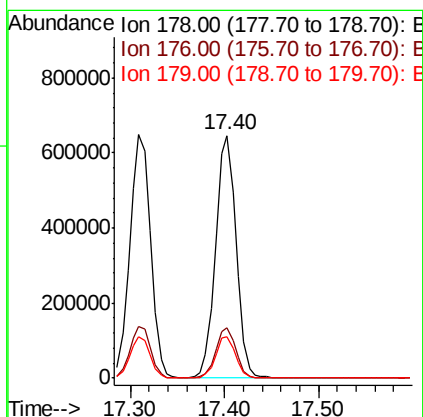
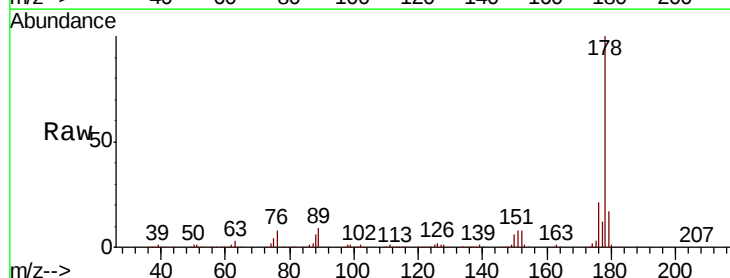
Instrument :
BNA_G
ClientSampleId :

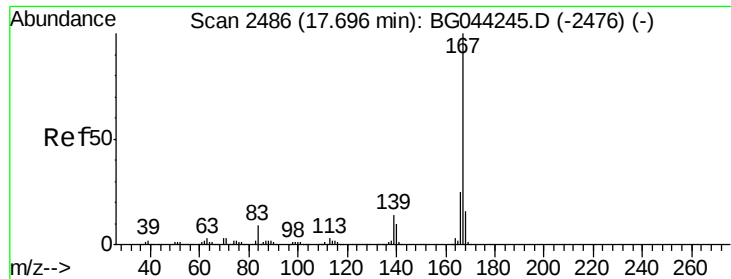
Tot Ion:178 Resp: 1002938
Ion Ratio Lower Upper
178 100
176 21.3 17.7 26.5
179 17.1 13.7 20.5



#72
Anthracene
Concen: 41.790 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.02 min
Lab File: BG044523.D
Acq: 20 Feb 2020 16:38

Tgt Ion:178 Resp: 991364
Ion Ratio Lower Upper
178 100
176 21.0 17.0 25.4
179 16.9 14.4 21.6





#73

Carbazole

Concen: 42.355 ng

RT: 17.67 min Scan# 2481

Delta R.T. -0.02 min

Lab File: BG044523.D

Acq: 20 Feb 2020 16:38

Instrument :

BNA_G

ClientSampleId :

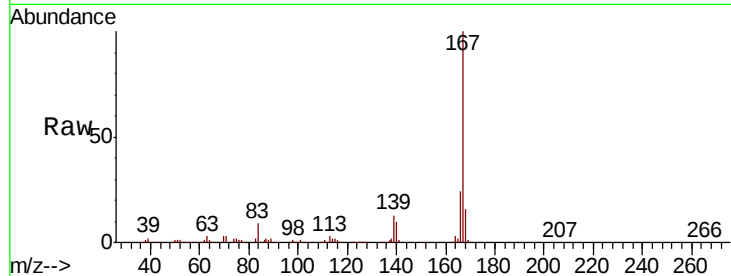
Tot Ion:167 Resp: 926295

Ion Ratio Lower Upper

167 100

166 24.2 19.8 29.6

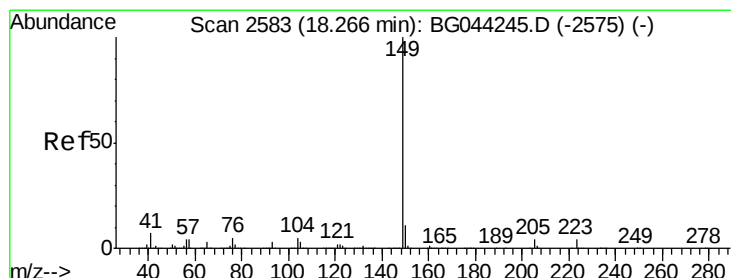
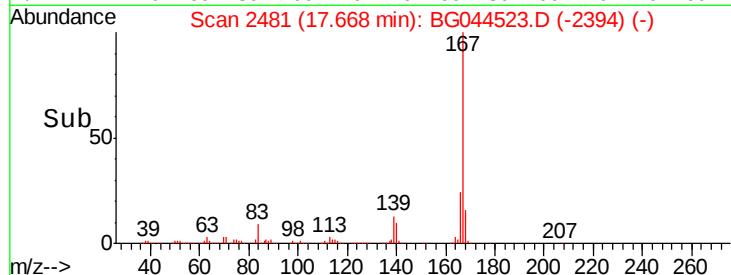
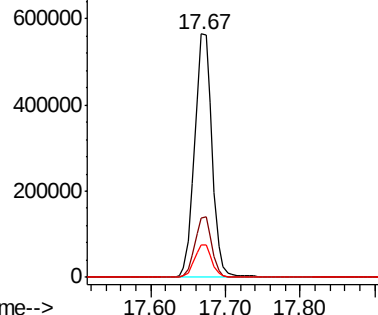
139 13.3 11.1 16.7



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: 42.627 ng

RT: 18.24 min Scan# 2578

Delta R.T. -0.02 min

Lab File: BG044523.D

Acq: 20 Feb 2020 16:38

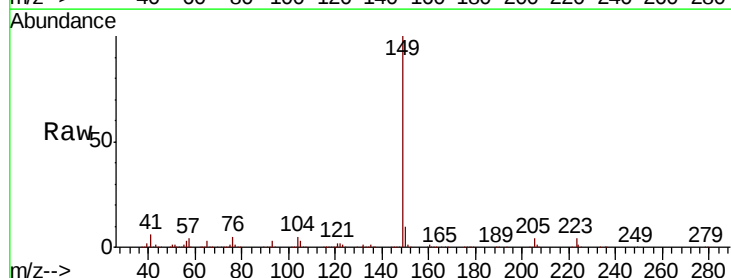
Tgt Ion:149 Resp: 1152007

Ion Ratio Lower Upper

149 100

150 10.3 8.7 13.1

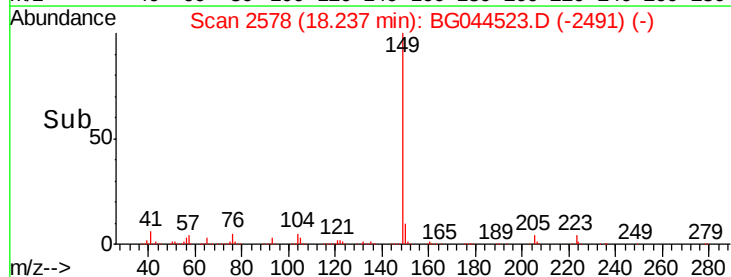
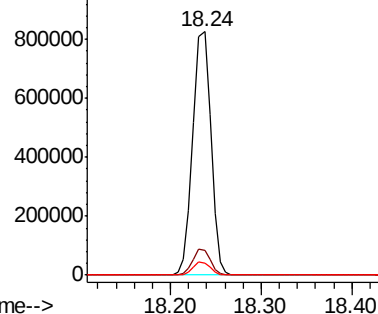
104 5.0 4.3 6.5

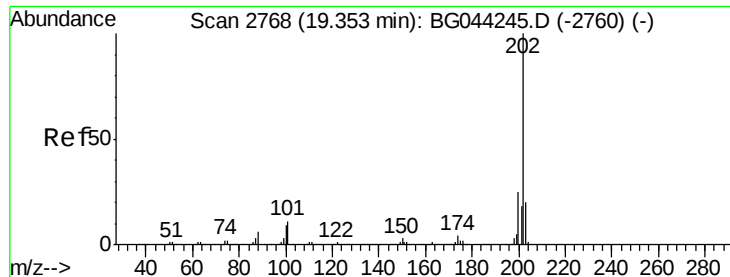


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.409 ng

RT: 19.32 min Scan# 2763

Delta R.T. -0.01 min

Lab File: BG044523.D

Acq: 20 Feb 2020 16:38

Instrument :

BNA_G

ClientSampleId :

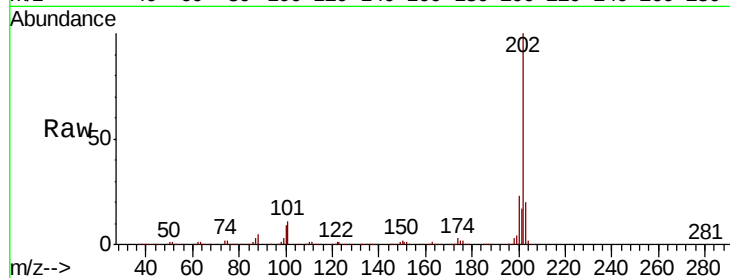
Tot Ion:202 Resp: 1204924

Ion Ratio Lower Upper

202 100

101 10.7 0.0 31.3

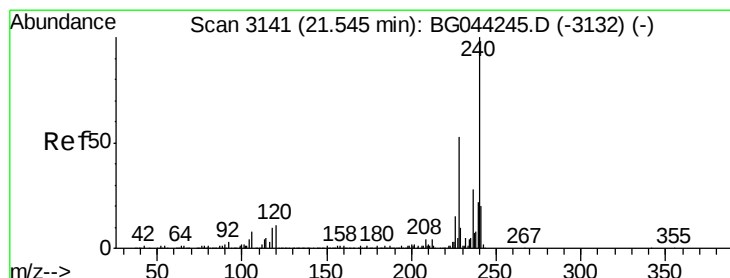
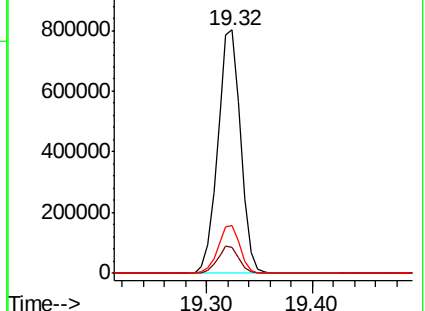
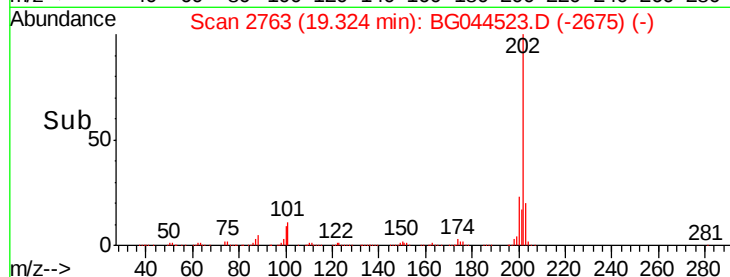
203 19.8 0.0 39.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.51 min Scan# 3135

Delta R.T. -0.03 min

Lab File: BG044523.D

Acq: 20 Feb 2020 16:38

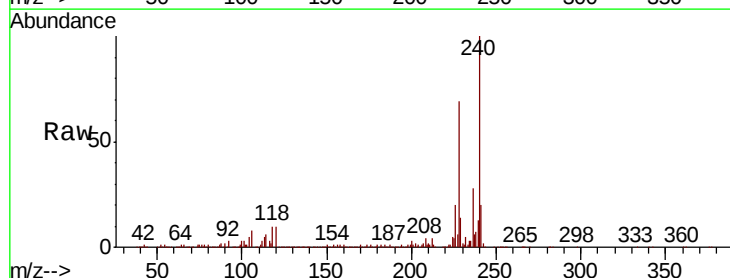
Tgt Ion:240 Resp: 488770

Ion Ratio Lower Upper

240 100

120 10.4 8.4 12.6

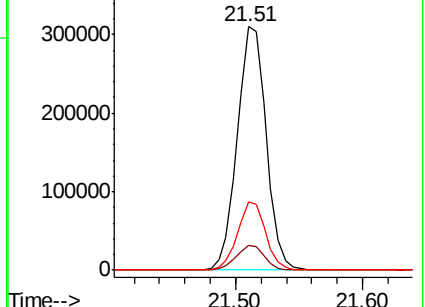
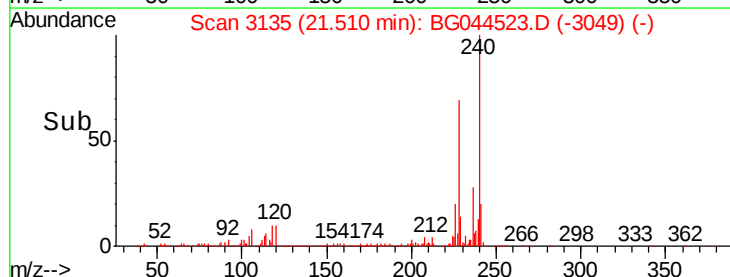
236 28.0 22.1 33.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 47.821 ng

RT: 19.50 min Scan# 2793

Delta R.T. -0.02 min

Lab File: BG044523.D

Acq: 20 Feb 2020 16:38

Instrument :

BNA_G

ClientSampled :

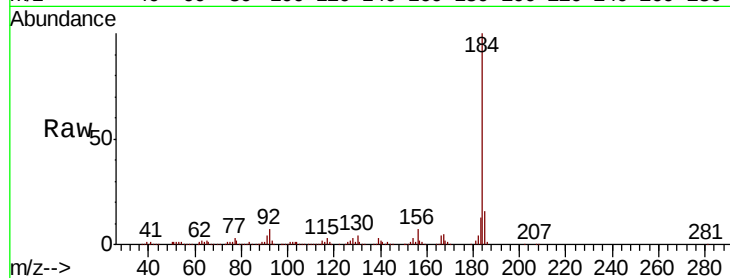
Tot Ion:184 Resp: 648324

Ion Ratio Lower Upper

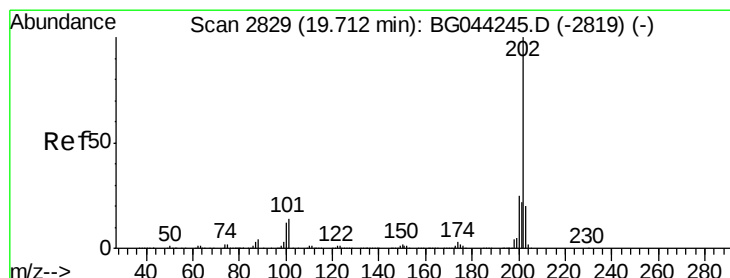
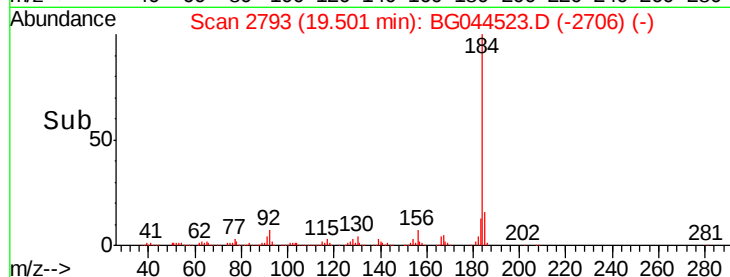
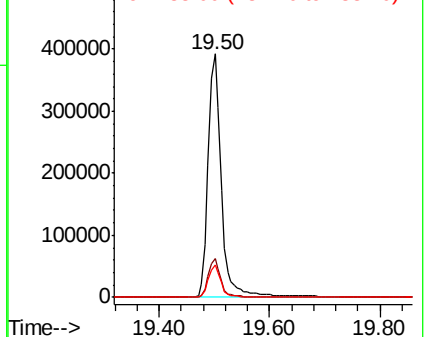
184 100

185 15.9 12.9 19.3

183 13.1 10.8 16.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.545 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.02 min

Lab File: BG044523.D

Acq: 20 Feb 2020 16:38

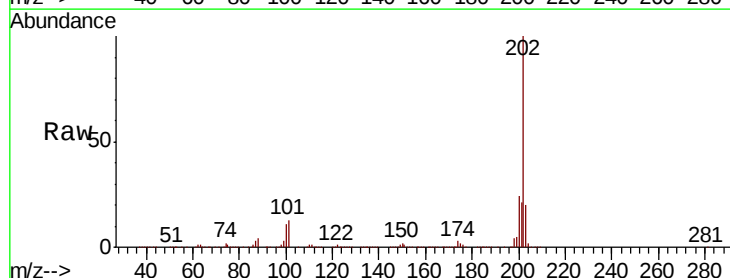
Tgt Ion:202 Resp: 1209893

Ion Ratio Lower Upper

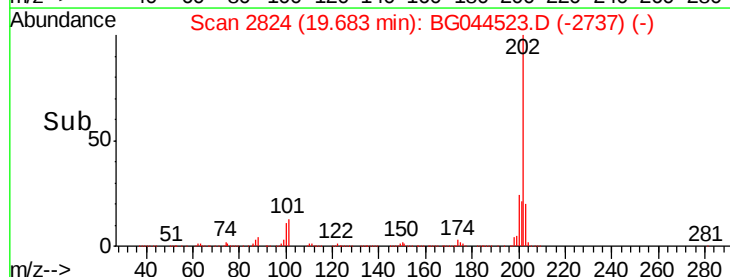
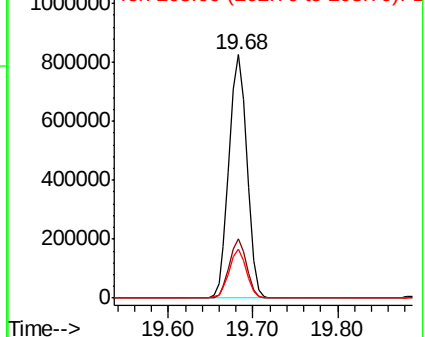
202 100

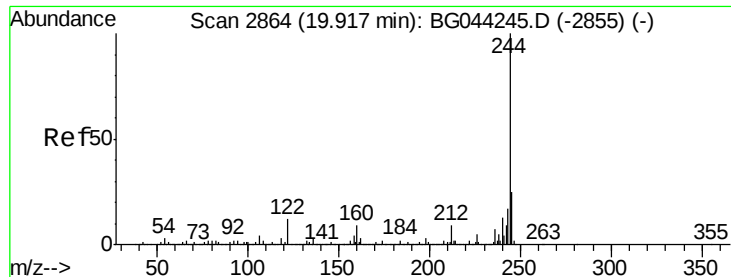
200 24.2 20.0 30.0

203 20.4 16.2 24.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.704 ng

RT: 19.89 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG044523.D

Acq: 20 Feb 2020 16:38

Instrument :

BNA_G

ClientSampleId :

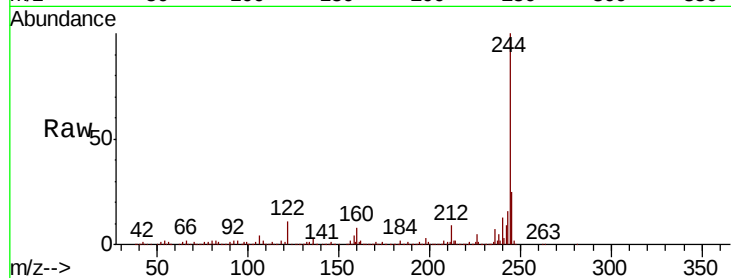
Tot Ion:244 Resp: 1703883

Ion Ratio Lower Upper

244 100

212 9.0 7.4 11.2

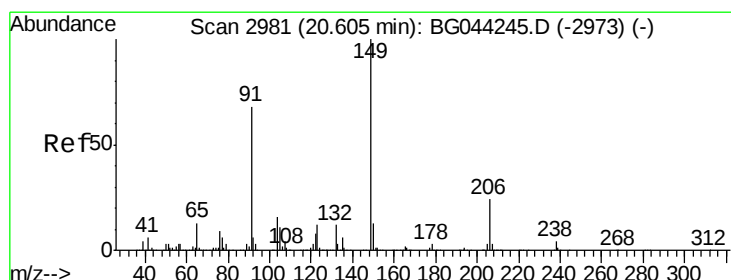
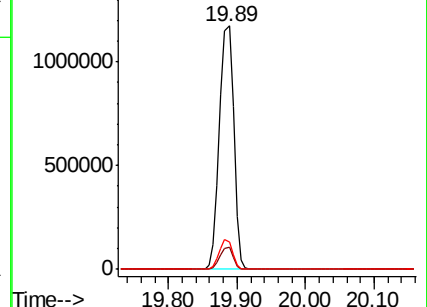
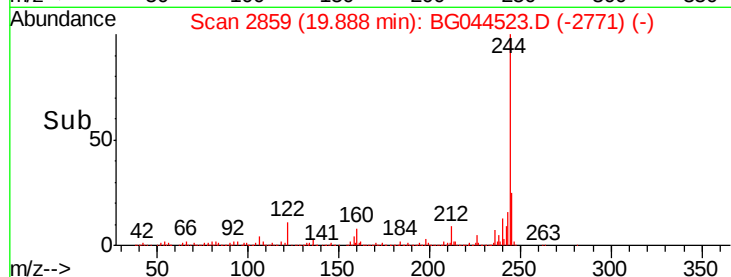
122 11.3 9.8 14.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.814 ng

RT: 20.58 min Scan# 2976

Delta R.T. -0.02 min

Lab File: BG044523.D

Acq: 20 Feb 2020 16:38

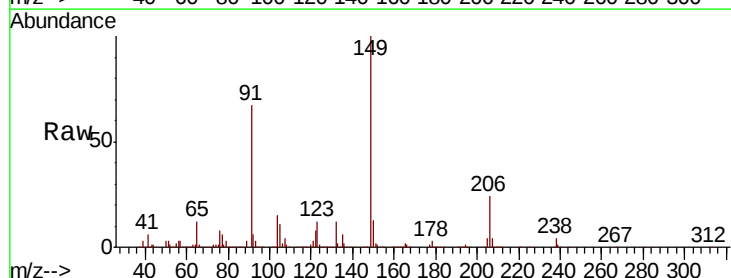
Tgt Ion:149 Resp: 555201

Ion Ratio Lower Upper

149 100

91 67.3 54.5 81.7

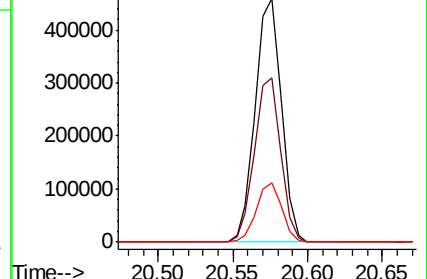
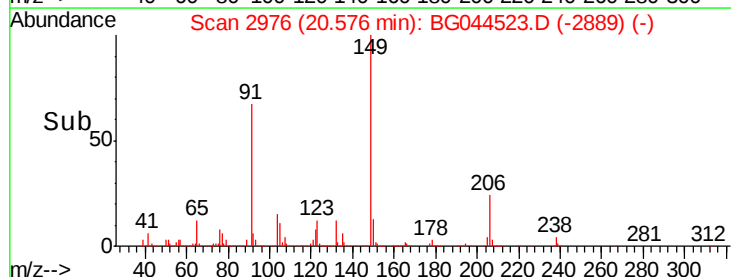
206 24.5 19.1 28.7

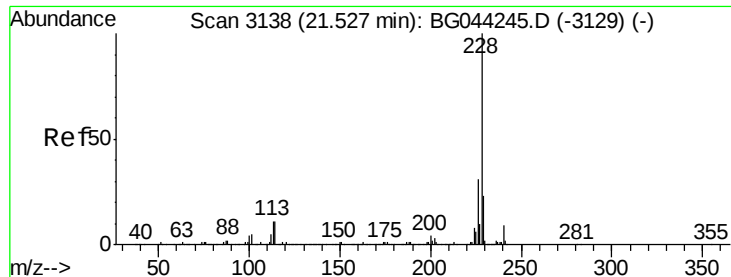


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

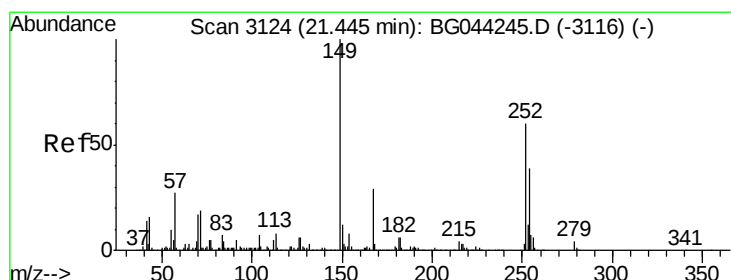
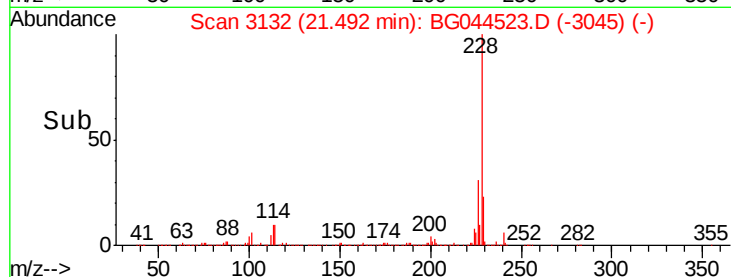
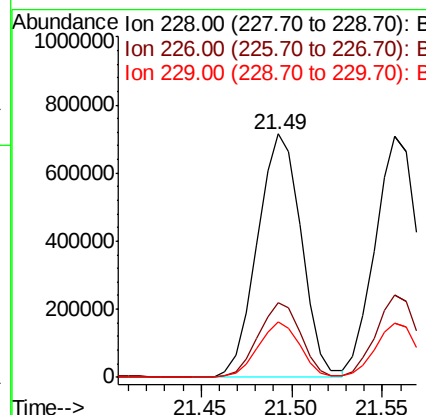
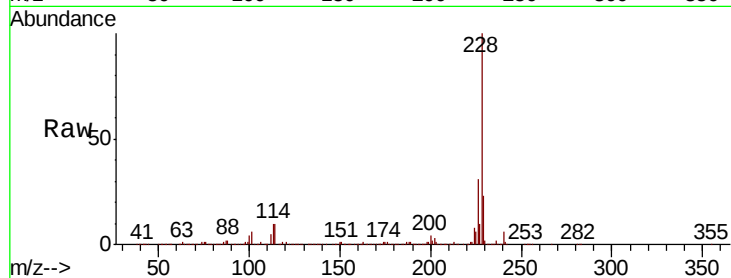




#81
Benzo(a)anthracene
Concen: 40.063 ng
RT: 21.49 min Scan# 3132
Delta R.T. -0.02 min
Lab File: BG044523.D
Acq: 20 Feb 2020 16:38

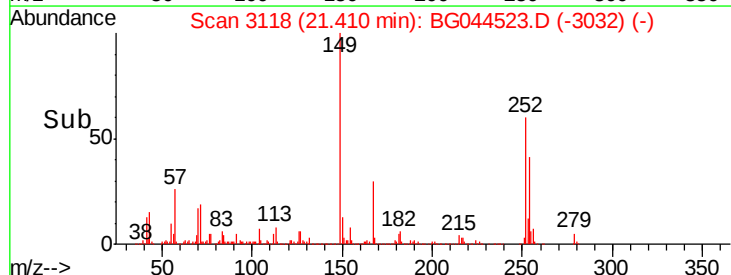
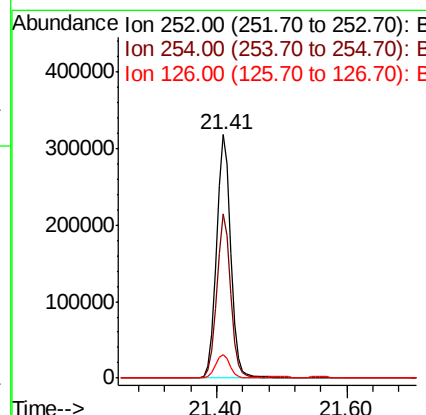
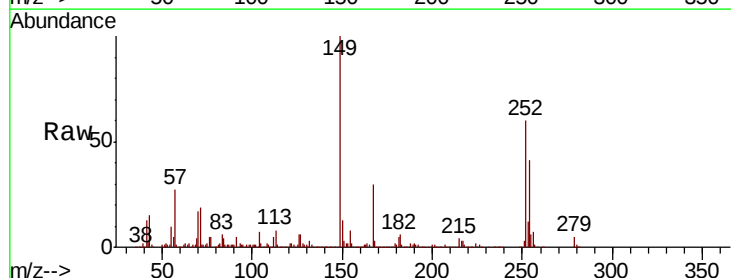
Instrument :
BNA_G
ClientSampleId :

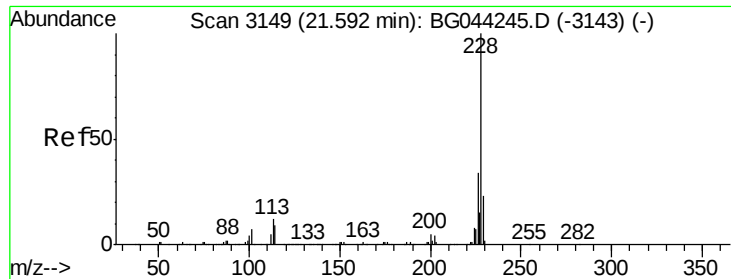
Tot Ion:228 Resp: 1206837
Ion Ratio Lower Upper
228 100
226 30.7 24.7 37.1
229 22.6 18.2 27.4



#82
3,3'-Dichlorobenzidine
Concen: 41.342 ng
RT: 21.41 min Scan# 3118
Delta R.T. -0.03 min
Lab File: BG044523.D
Acq: 20 Feb 2020 16:38

Tgt Ion:252 Resp: 483342
Ion Ratio Lower Upper
252 100
254 67.3 52.6 78.8
126 9.8 8.2 12.4





#83

Chrysene

Concen: 39.543 ng

RT: 21.56 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG044523.D

Acq: 20 Feb 2020 16:38

Instrument :

BNA_G

ClientSampled :

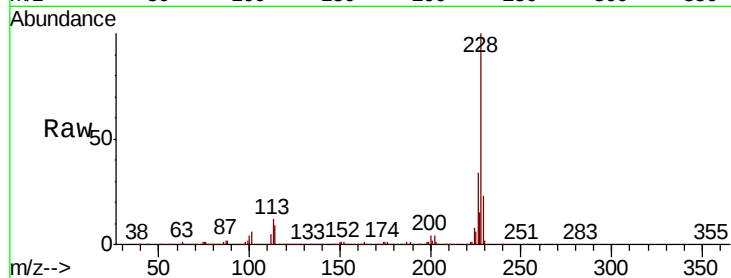
Tot Ion:228 Resp: 1151364

Ion Ratio Lower Upper

228 100

226 33.9 27.1 40.7

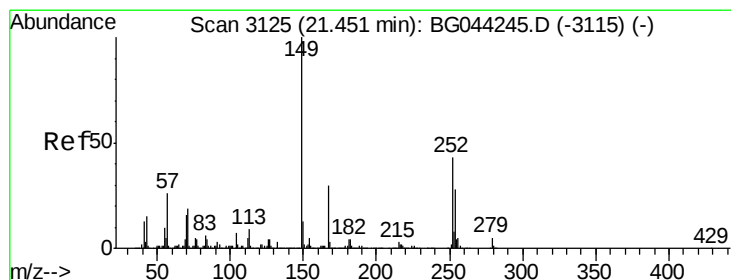
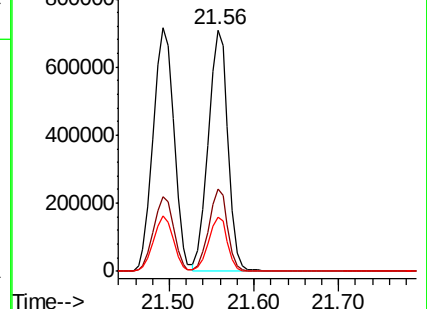
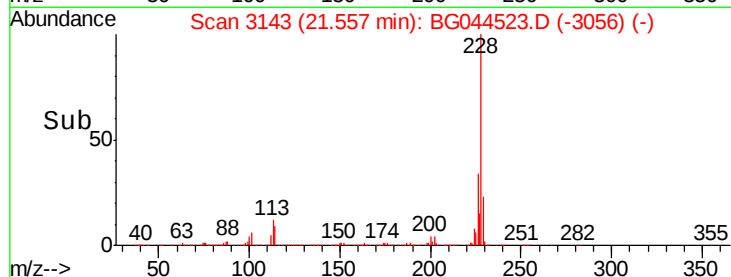
229 22.5 17.9 26.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.507 ng

RT: 21.41 min Scan# 3118

Delta R.T. -0.03 min

Lab File: BG044523.D

Acq: 20 Feb 2020 16:38

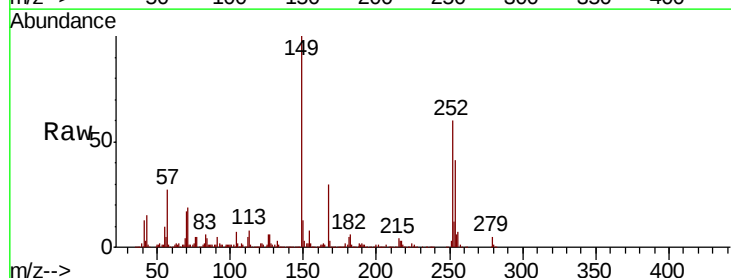
Tgt Ion:149 Resp: 758158

Ion Ratio Lower Upper

149 100

167 30.0 24.0 36.0

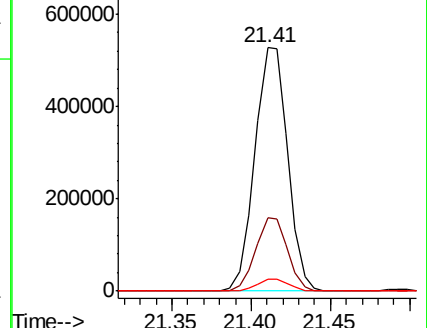
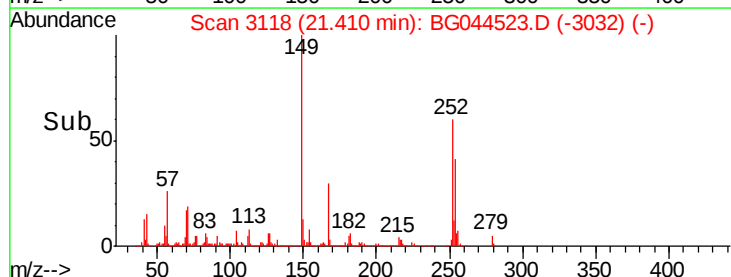
279 4.7 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.925 ng

RT: 22.57 min Scan# 3316

Delta R.T. -0.03 min

Lab File: BG044523.D

Acq: 20 Feb 2020 16:38

Instrument :

BNA_G

ClientSampled :

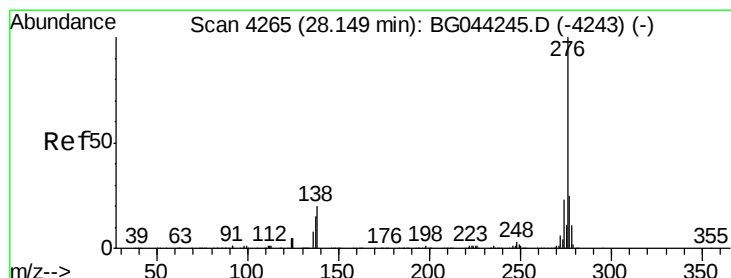
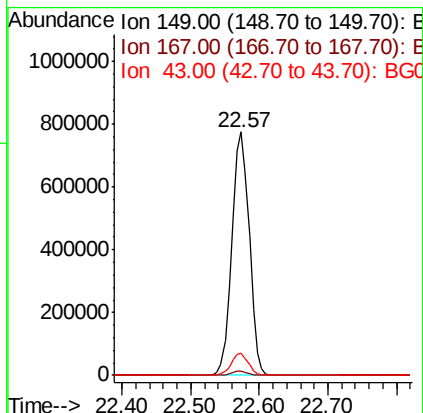
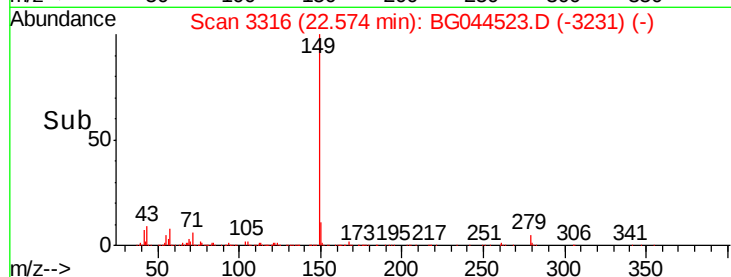
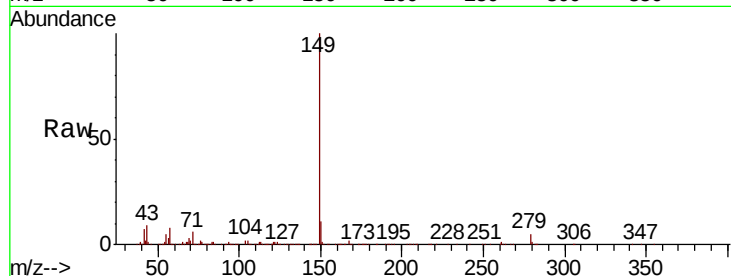
Tot Ion:149 Resp: 1360074

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.9 7.4 11.0



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.144 ng

RT: 28.08 min Scan# 4253

Delta R.T. -0.04 min

Lab File: BG044523.D

Acq: 20 Feb 2020 16:38

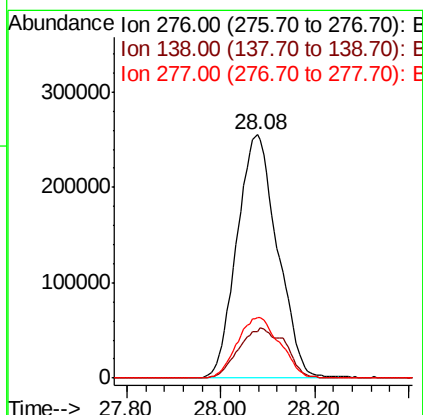
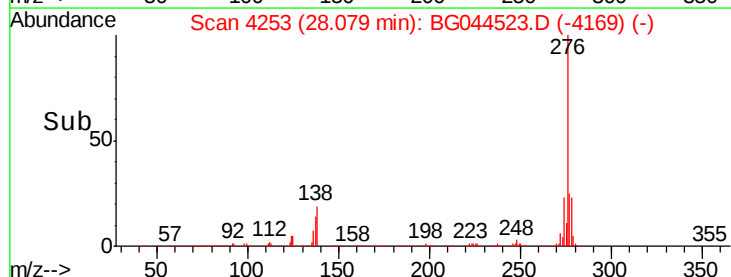
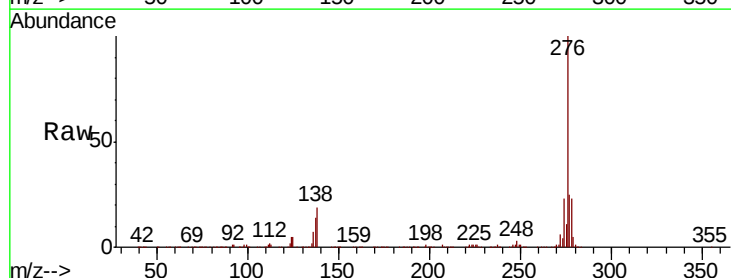
Tgt Ion:276 Resp: 1524955

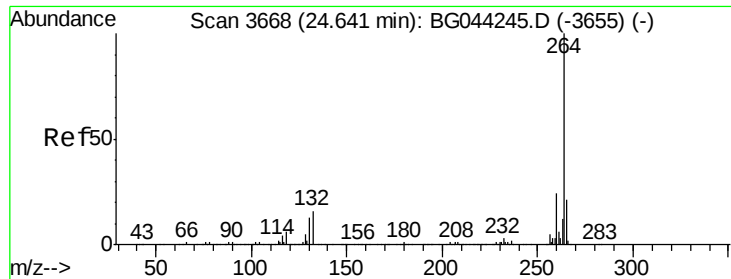
Ion Ratio Lower Upper

276 100

138 23.6 19.4 29.0

277 26.3 21.0 31.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.58 min Scan# 3658

Delta R.T. -0.04 min

Lab File: BG044523.D

Acq: 20 Feb 2020 16:38

Instrument :

BNA_G

ClientSampled :

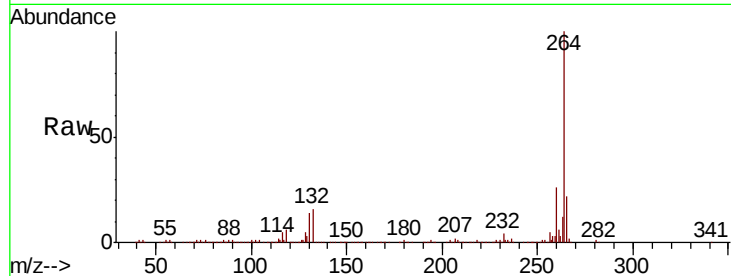
Tot Ion:264 Resp: 537520

Ion Ratio Lower Upper

264 100

260 25.6 19.4 29.2

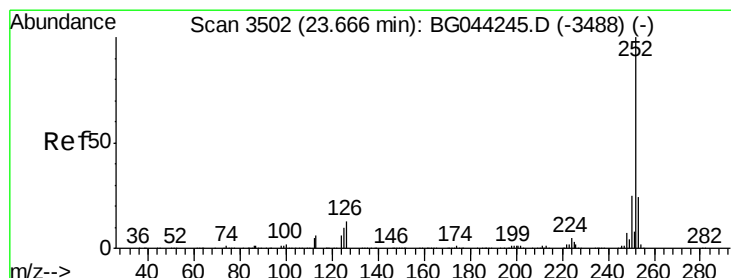
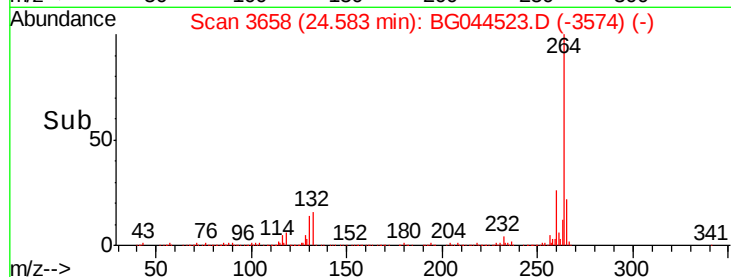
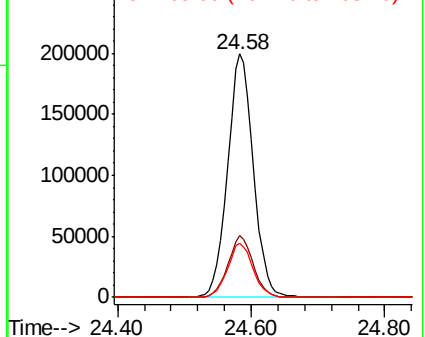
265 22.4 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.917 ng

RT: 23.62 min Scan# 3494

Delta R.T. -0.03 min

Lab File: BG044523.D

Acq: 20 Feb 2020 16:38

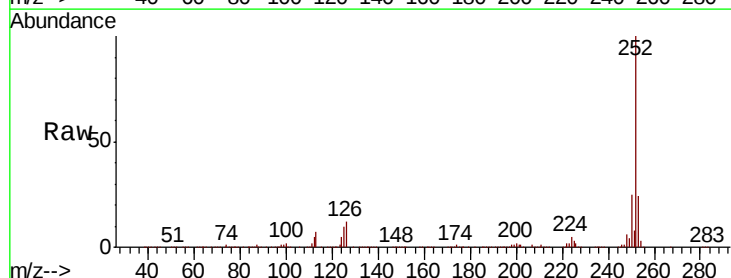
Tgt Ion:252 Resp: 1298338

Ion Ratio Lower Upper

252 100

253 23.8 19.2 28.8

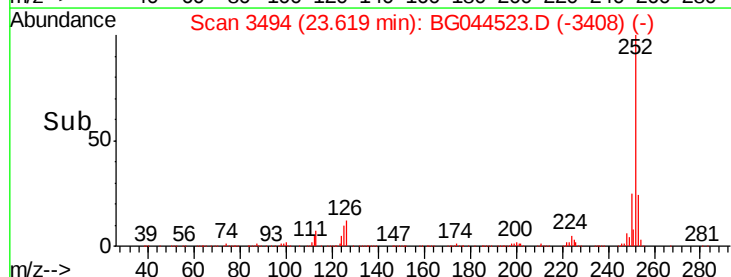
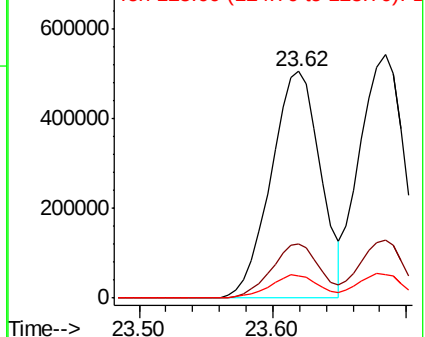
125 10.0 8.4 12.6

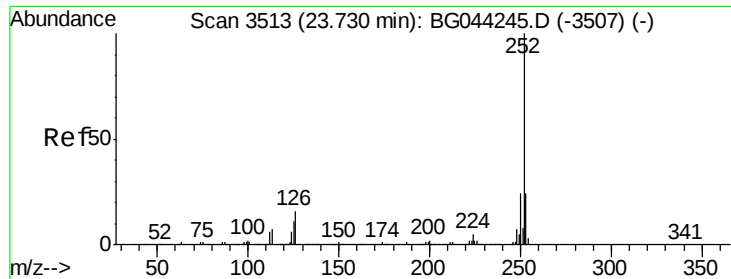


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

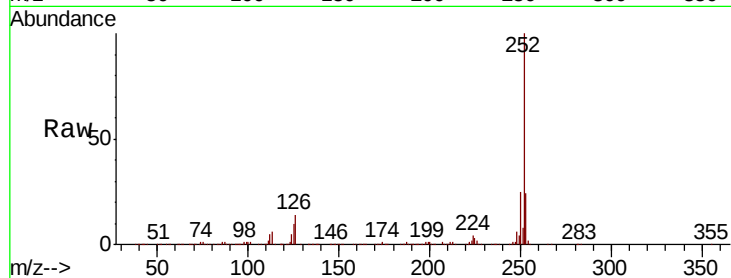




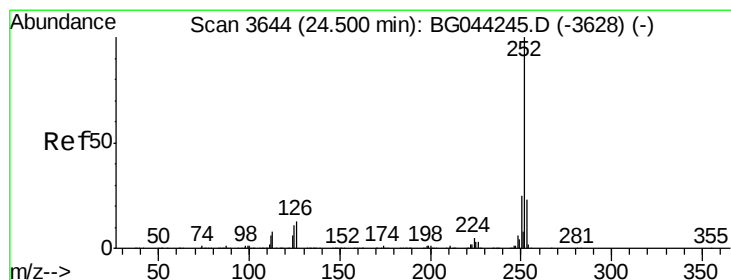
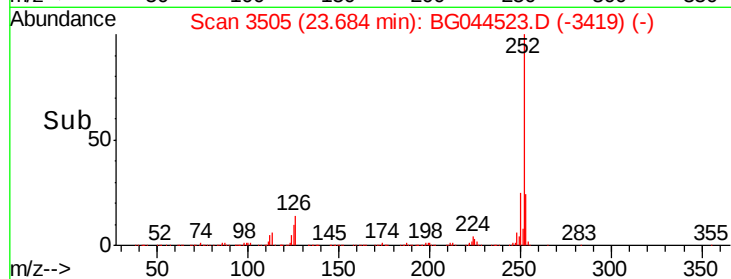
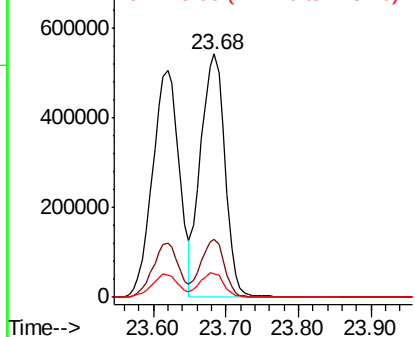
#89
Benzo(k)fluoranthene
Concen: 41.833 ng
RT: 23.68 min Scan# 3505
Delta R.T. -0.03 min
Lab File: BG044523.D
Acq: 20 Feb 2020 16:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 1262869
Ion Ratio Lower Upper
252 100
253 24.1 19.1 28.7
125 9.9 8.6 12.8

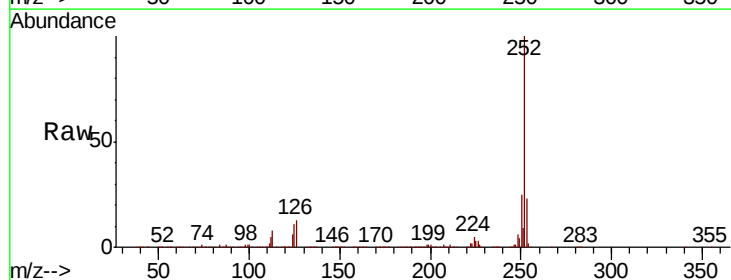


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

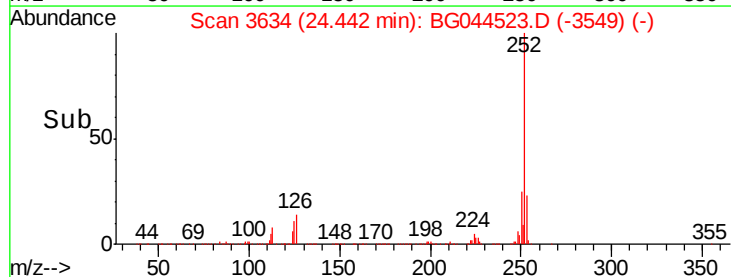
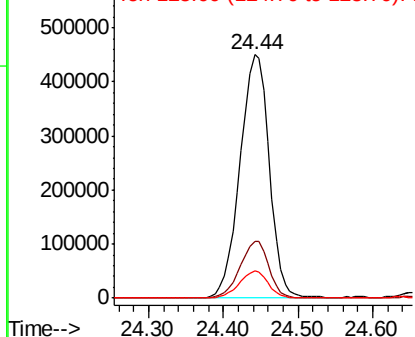


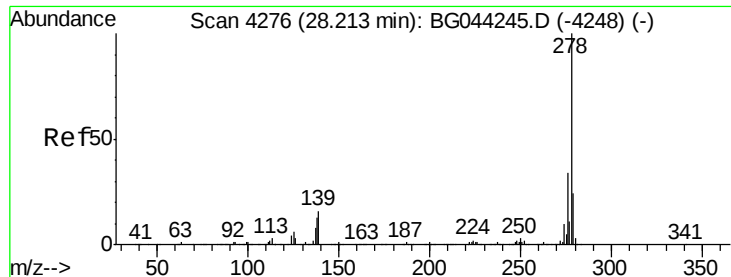
#90
Benzo(a)pyrene
Concen: 41.951 ng
RT: 24.44 min Scan# 3634
Delta R.T. -0.03 min
Lab File: BG044523.D
Acq: 20 Feb 2020 16:38

Tgt Ion:252 Resp: 1228552
Ion Ratio Lower Upper
252 100
253 23.2 18.1 27.1
125 11.0 8.6 13.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 42.760 ng

RT: 28.13 min Scan# 4262

Delta R.T. -0.04 min

Lab File: BG044523.D

Acq: 20 Feb 2020 16:38

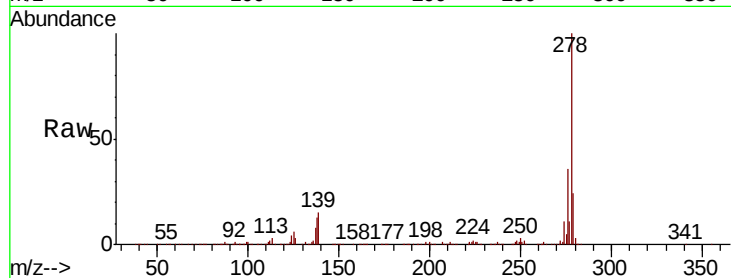
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 1239295

Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.7	19.1
279	24.0	19.3	28.9

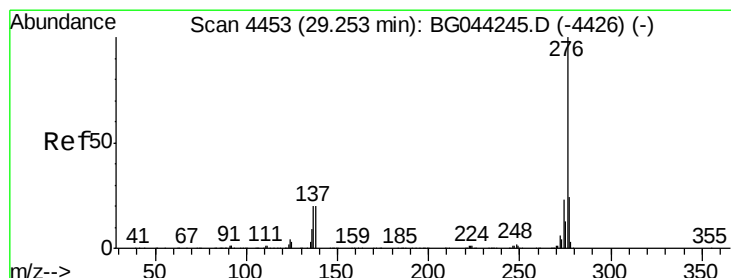
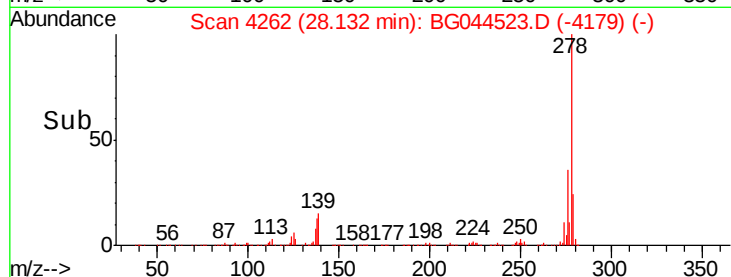
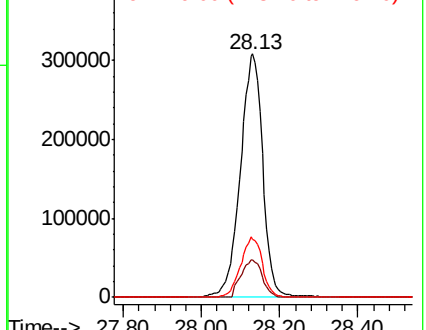


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.731 ng

RT: 29.17 min Scan# 4438

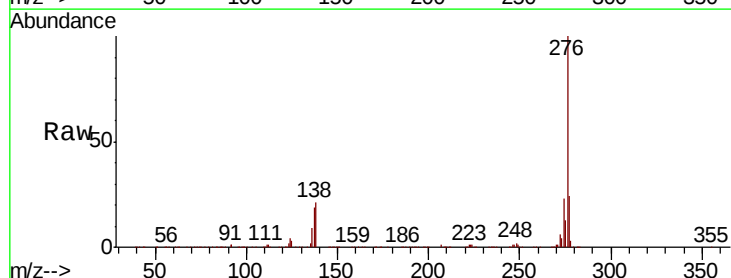
Delta R.T. -0.04 min

Lab File: BG044523.D

Acq: 20 Feb 2020 16:38

Tgt Ion:276 Resp: 1239787

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	20.6	16.2	24.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

