

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
 Data File : BG044517.D
 Acq On : 20 Feb 2020 12:38
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 21 06:45:06 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	85274	20.00	ng	-0.02
21) Naphthalene-d8	10.68	136	353165	20.00	ng	-0.02
39) Acenaphthene-d10	14.53	164	226390	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	497905	20.00	ng	-0.02
76) Chrysene-d12	21.51	240	479422	20.00	ng	-0.02
87) Perylene-d12	24.59	264	521492	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	411472	85.16	ng	-0.02
7) Phenol-d6	7.06	99	563867	86.90	ng	-0.02
23) Nitrobenzene-d5	9.04	82	517586	82.74	ng	-0.02
42) 2,4,6-Tribromophenol	16.01	330	235139	88.47	ng	-0.02
45) 2-Fluorobiphenyl	13.15	172	1155886	85.50	ng	-0.02
79) Terphenyl-d14	19.89	244	1704904	73.15	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	89844	41.385	ng	99
3) Pyridine	3.75	79	255426	44.162	ng	99
4) n-Nitrosodimethylamine	3.66	42	98459	40.738	ng	99
6) Aniline	7.21	93	341612	42.416	ng	98
8) 2-Chlorophenol	7.45	128	227176	42.780	ng	99
9) Benzaldehyde	7.02	77	148805	40.268	ng	98
10) Phenol	7.09	94	276752	43.099	ng	99
11) bis(2-Chloroethyl)ether	7.31	93	226437	41.247	ng	98
12) 1,3-Dichlorobenzene	7.78	146	268745	42.387	ng	97
13) 1,4-Dichlorobenzene	7.92	146	267151	42.542	ng	99
14) 1,2-Dichlorobenzene	8.23	146	254495	42.876	ng	99
15) Benzyl Alcohol	8.12	79	197631	43.023	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.41	45	310046	41.727	ng	98
17) 2-Methylphenol	8.33	107	192972	42.120	ng	98
18) Hexachloroethane	8.96	117	98861	41.953	ng	98
19) n-Nitroso-di-n-propylamine	8.69	70	176814	40.889	ng	98
20) 3+4-Methylphenols	8.66	107	271213	42.954	ng	99
22) Acetophenone	8.70	105	352223	40.997	ng	99
24) Nitrobenzene	9.08	77	248705	40.725	ng	99
25) Isophorone	9.61	82	477590	40.961	ng	99
26) 2-Nitrophenol	9.79	139	139243	43.941	ng	99
27) 2,4-Dimethylphenol	9.86	122	187754	41.974	ng	99
28) bis(2-Chloroethoxy)methane	10.09	93	313626	40.322	ng	99
29) 2,4-Dichlorophenol	10.34	162	231972	42.888	ng	99
30) 1,2,4-Trichlorobenzene	10.55	180	261427	42.152	ng	98
31) Naphthalene	10.73	128	715190	41.740	ng	100
32) Benzoic acid	10.04	122	75157	32.148	ng	95
33) 4-Chloroaniline	10.84	127	327396	42.013	ng	99
34) Hexachlorobutadiene	11.03	225	160924	42.168	ng	97
35) Caprolactam	11.62	113	85640	43.223	ng	99
36) 4-Chloro-3-methylphenol	11.98	107	238490	42.055	ng	99
37) 2-Methylnaphthalene	12.35	142	531295	41.762	ng	99
38) 1-Methylnaphthalene	12.56	142	500608	41.738	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.72	216	290230	42.857	ng	99

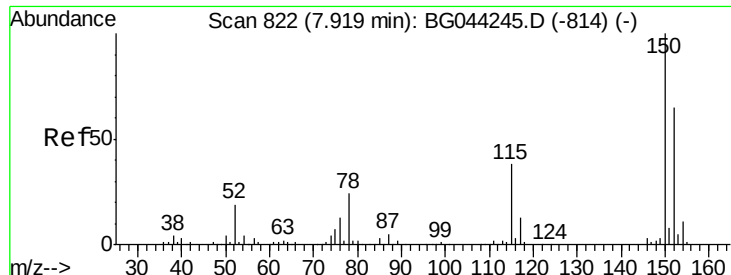
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
 Data File : BG044517.D
 Acq On : 20 Feb 2020 12:38
 Operator : CG/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.70	237	116284	35.786	ng	99
43) 2,4,6-Trichlorophenol	12.96	196	188055	42.961	ng	99
44) 2,4,5-Trichlorophenol	13.03	196	194583	43.521	ng	99
46) 1,1'-Biphenyl	13.36	154	686906	42.065	ng	98
47) 2-Chloronaphthalene	13.40	162	545106	41.949	ng	99
48) 2-Nitroaniline	13.60	65	160408	41.828	ng	96
49) Acenaphthylene	14.25	152	806380	42.309	ng	99
50) Dimethylphthalate	13.98	163	681720	41.891	ng	100
51) 2,6-Dinitrotoluene	14.10	165	151106	41.645	ng	97
52) Acenaphthene	14.59	154	515291	41.711	ng	99
53) 3-Nitroaniline	14.43	138	169564	42.240	ng	97
54) 2,4-Dinitrophenol	14.64	184	78149	40.509	ng	96
55) Dibenzofuran	14.93	168	788687	42.167	ng	97
56) 4-Nitrophenol	14.75	139	125327	42.621	ng	96
57) 2,4-Dinitrotoluene	14.89	165	218354	42.936	ng	93
58) Fluorene	15.57	166	626783	42.546	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.16	232	174840	43.294	ng	98
60) Diethylphthalate	15.35	149	669540	41.290	ng	99
61) 4-Chlorophenyl-phenylether	15.57	204	335821	42.042	ng	99
62) 4-Nitroaniline	15.60	138	172815	43.082	ng	97
63) Azobenzene	15.86	77	582821	41.010	ng	98
65) 4,6-Dinitro-2-methylphenol	15.66	198	117489	42.748	ng	99
66) n-Nitrosodiphenylamine	15.78	169	578571	41.464	ng	99
67) 4-Bromophenyl-phenylether	16.46	248	228002	42.031	ng	96
68) Hexachlorobenzene	16.58	284	256727	42.243	ng	99
69) Atrazine	16.73	200	183686	38.407	ng	99
70) Pentachlorophenol	16.93	266	118876	40.304	ng	99
71) Phenanthrene	17.31	178	1010814	41.925	ng	99
72) Anthracene	17.40	178	1011919	42.452	ng	99
73) Carbazole	17.67	167	929003	42.276	ng	99
74) Di-n-butylphthalate	18.23	149	1145373	42.178	ng	100
75) Fluoranthene	19.32	202	1205416	43.219	ng	100
77) Benzidine	19.50	184	595573	44.787	ng	99
78) Pyrene	19.69	202	1205229	39.145	ng	99
80) Butylbenzylphthalate	20.57	149	547548	39.025	ng	99
81) Benzo(a)anthracene	21.50	228	1174301	39.743	ng	99
82) 3,3'-Dichlorobenzidine	21.41	252	475409	41.457	ng	99
83) Chrysene	21.56	228	1137969	39.845	ng	100
84) Bis(2-ethylhexyl)phthalate	21.41	149	739465	38.290	ng	100
85) Di-n-octyl phthalate	22.57	149	1326197	39.689	ng	99
86) Indeno(1,2,3-cd)pyrene	28.08	276	1484208	39.833	ng	99
88) Benzo(b)fluoranthene	23.62	252	1239658	41.253	ng	100
89) Benzo(k)fluoranthene	23.68	252	1256157	42.890	ng	99
90) Benzo(a)pyrene	24.45	252	1204048	42.378	ng	99
91) Dibenzo(a,h)anthracene	28.13	278	1203956	42.817	ng	98
92) Benzo(g,h,i)perylene	29.16	276	1203881	42.769	ng	99

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

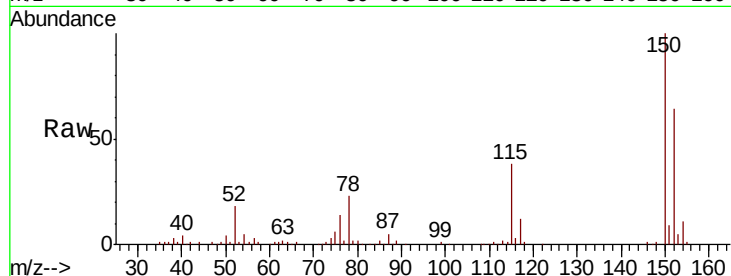


#1

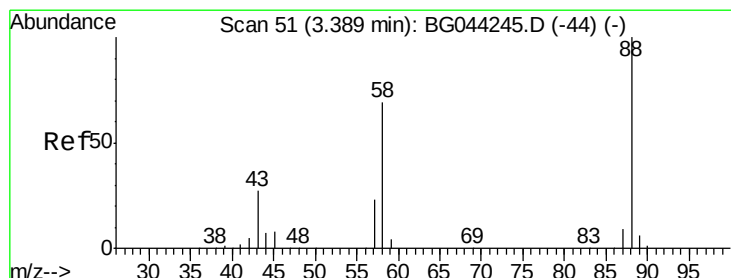
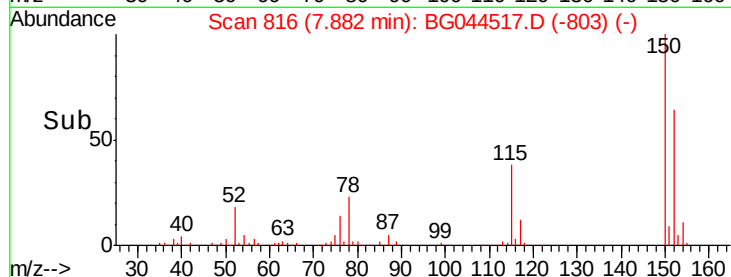
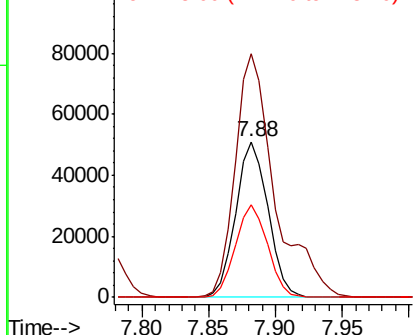
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.88 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BG044517.D
 Acq: 20 Feb 2020 12:38

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:152 Resp: 85274
 Ion Ratio Lower Upper
 152 100
 150 156.3 122.6 183.8
 115 59.1 46.0 69.0



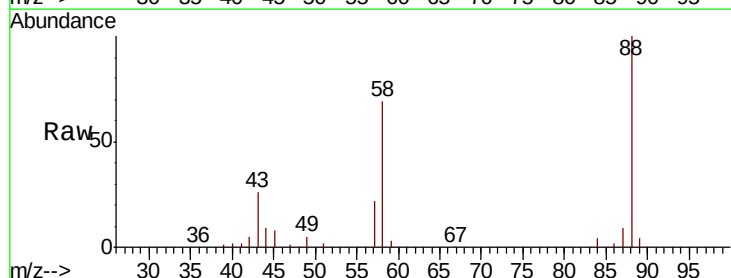
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



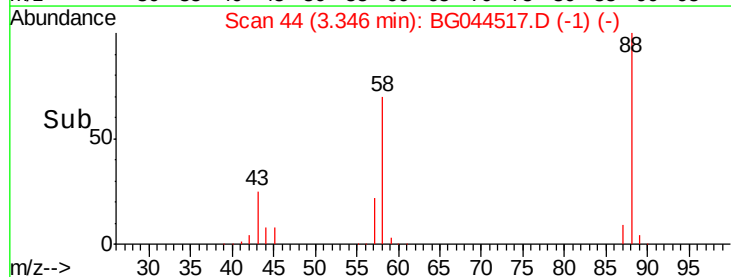
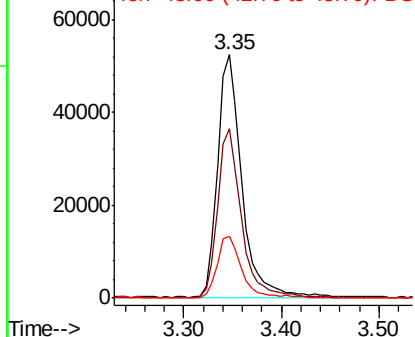
#2

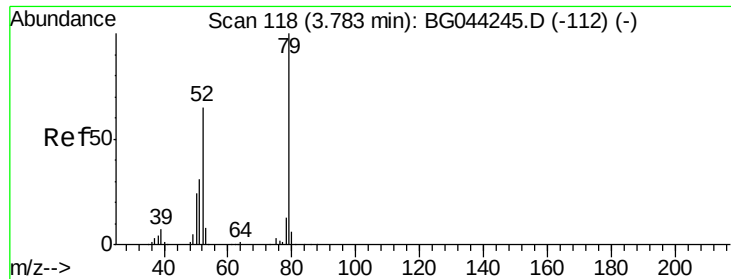
1,4-Dioxane
 Concen: 41.385 ng
 RT: 3.35 min Scan# 44
 Delta R.T. -0.02 min
 Lab File: BG044517.D
 Acq: 20 Feb 2020 12:38

Tgt Ion: 88 Resp: 89844
 Ion Ratio Lower Upper
 88 100
 58 68.8 55.8 83.6
 43 26.3 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: 44.162 ng

RT: 3.75 min Scan# 112

Delta R.T. -0.02 min

Lab File: BG044517.D

Acq: 20 Feb 2020 12:38

Instrument :

BNA_G

ClientSampleId :

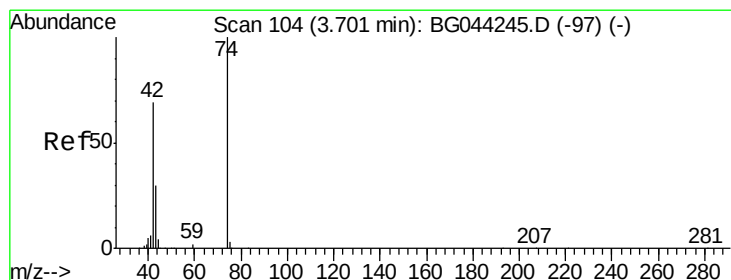
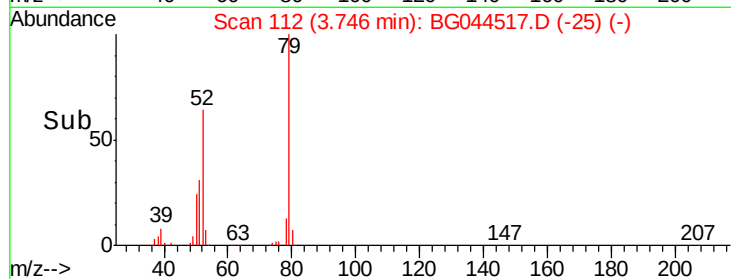
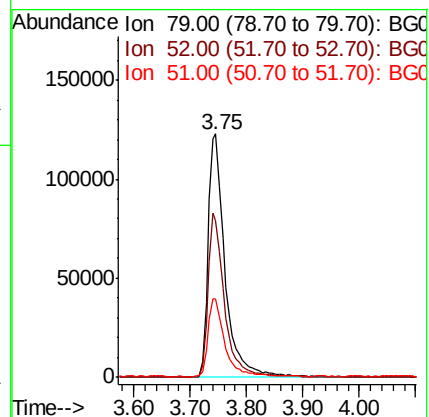
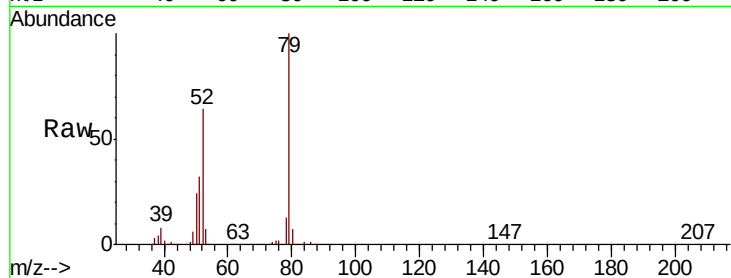
Tot Ion: 79 Resp: 255426

Ion Ratio Lower Upper

79 100

52 64.2 51.9 77.9

51 32.0 25.3 37.9



#4

n-Nitrosodimethylamine

Concen: 40.738 ng

RT: 3.66 min Scan# 97

Delta R.T. -0.02 min

Lab File: BG044517.D

Acq: 20 Feb 2020 12:38

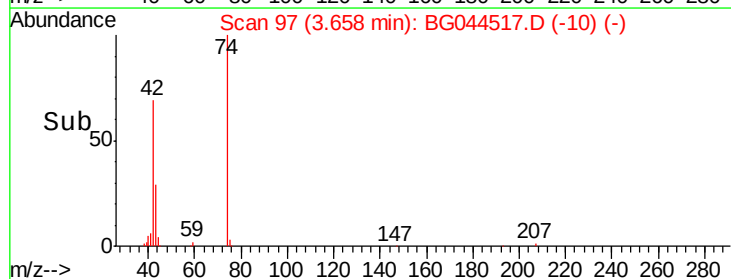
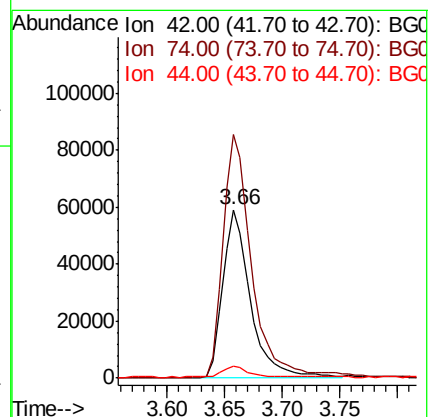
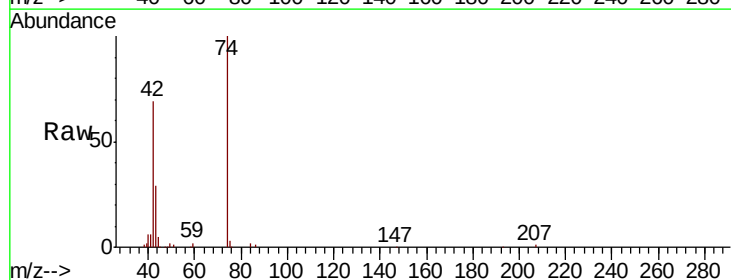
Tgt Ion: 42 Resp: 98459

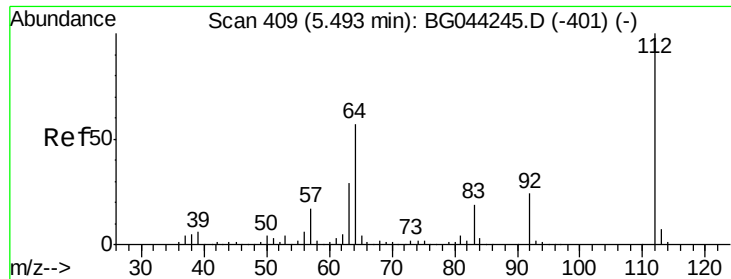
Ion Ratio Lower Upper

42 100

74 144.5 115.1 172.7

44 7.2 5.6 8.4





#5

2-Fluorophenol

Concen: 85.159 ng

RT: 5.46 min Scan# 404

Delta R.T. -0.02 min

Lab File: BG044517.D

Acq: 20 Feb 2020 12:38

Instrument :

BNA_G

ClientSampled :

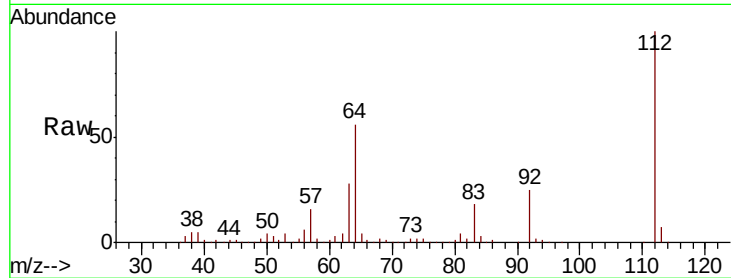
Tot Ion:112 Resp: 411472

Ion Ratio Lower Upper

112 100

64 55.9 45.4 68.2

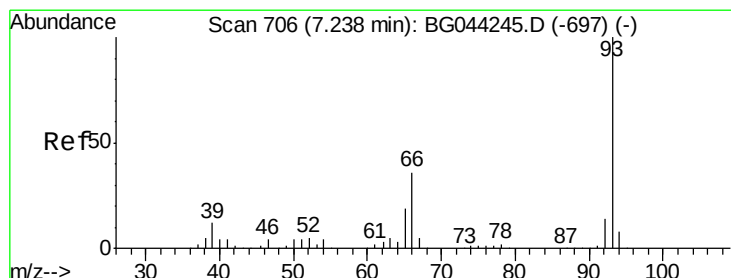
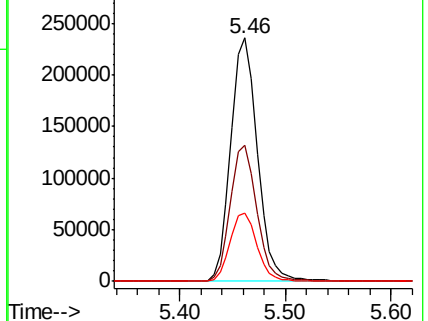
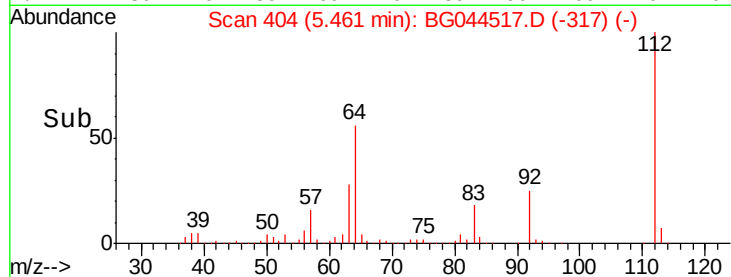
63 28.2 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 42.416 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG044517.D

Acq: 20 Feb 2020 12:38

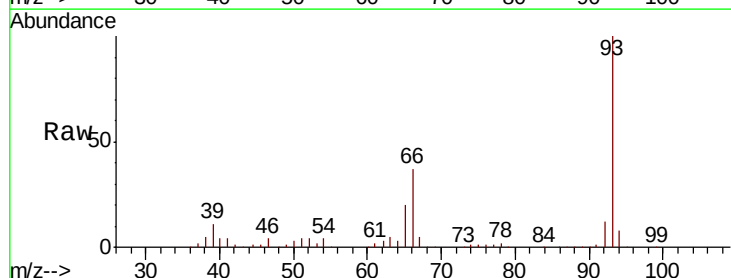
Tgt Ion: 93 Resp: 341612

Ion Ratio Lower Upper

93 100

66 36.8 28.7 43.1

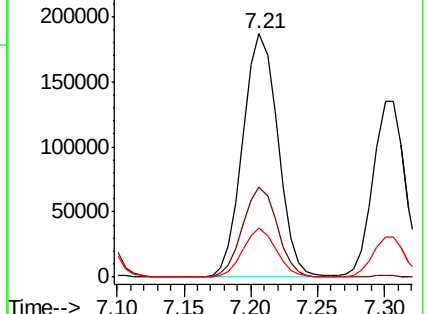
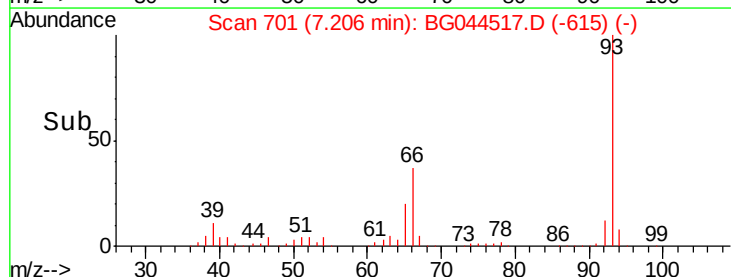
65 20.1 15.4 23.0

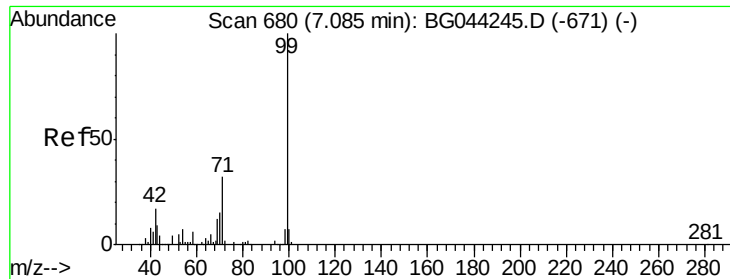


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 86.904 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.02 min

Lab File: BG044517.D

Acq: 20 Feb 2020 12:38

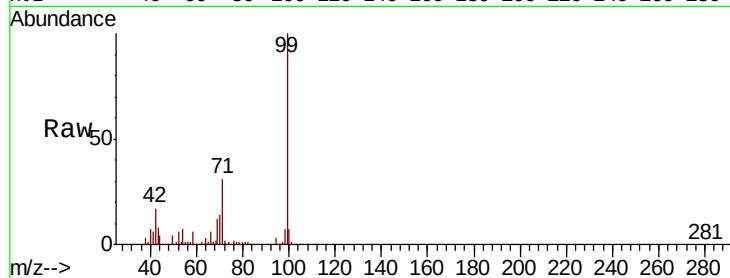
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 563867

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.8	20.6
71	30.7	25.5	38.3

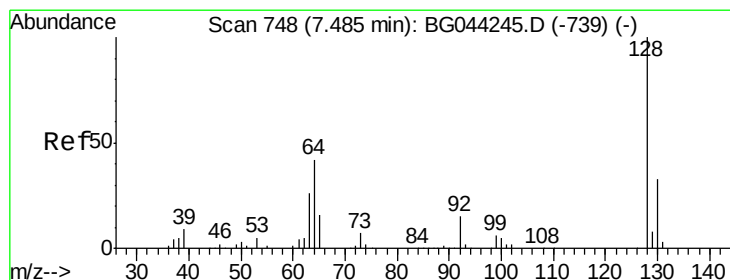
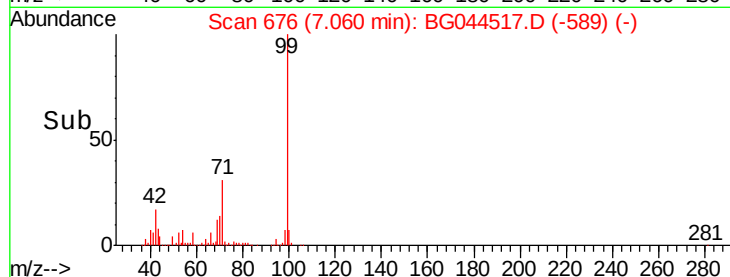
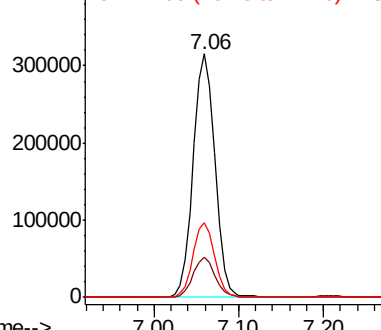


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 42.780 ng

RT: 7.45 min Scan# 743

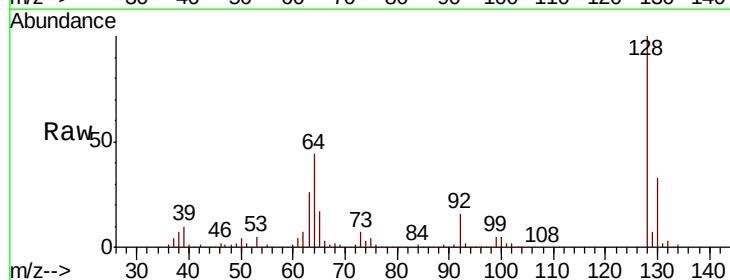
Delta R.T. -0.02 min

Lab File: BG044517.D

Acq: 20 Feb 2020 12:38

Tgt Ion: 128 Resp: 227176

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.5	52.5
64	43.5	24.2	64.2

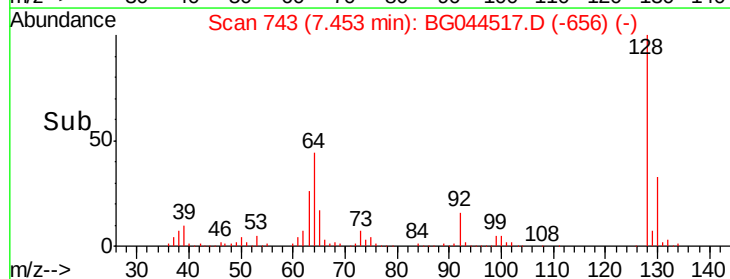
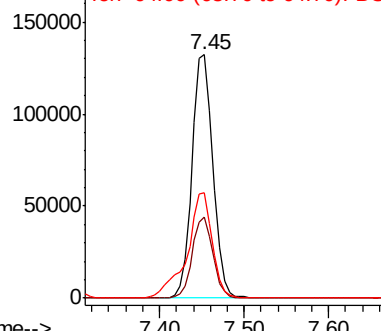


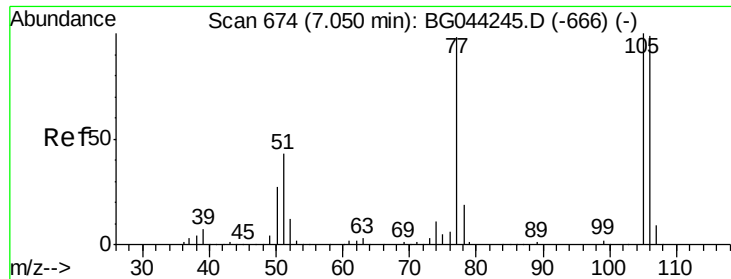
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 40.268 ng

RT: 7.02 min Scan# 669

Delta R.T. -0.02 min

Lab File: BG044517.D

Acq: 20 Feb 2020 12:38

Instrument :

BNA_G

ClientSampled :

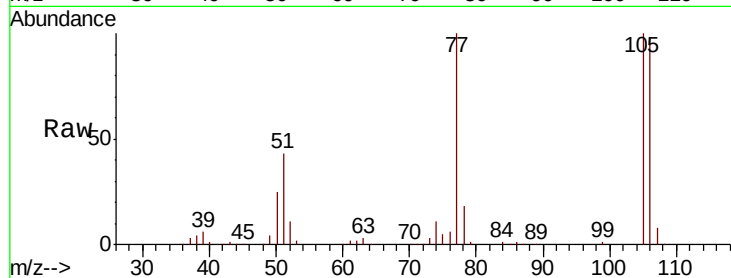
Tot Ion: 77 Resp: 148805

Ion Ratio Lower Upper

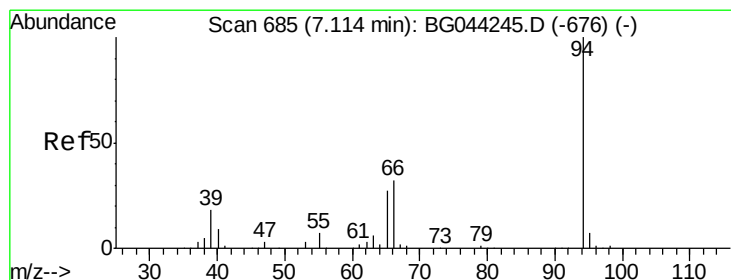
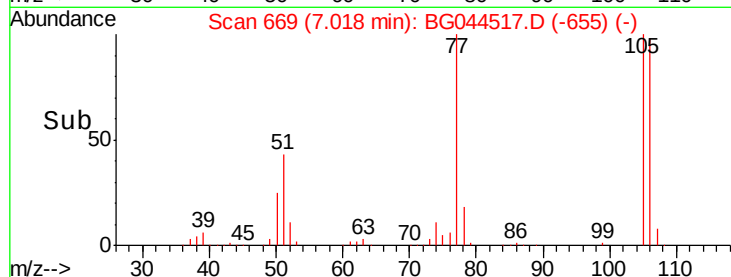
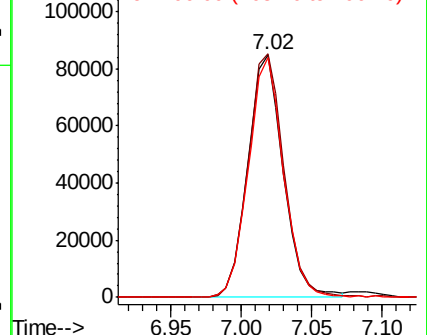
77 100

105 100.5 82.0 122.0

106 98.7 80.7 120.7



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



#10

Phenol

Concen: 43.099 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG044517.D

Acq: 20 Feb 2020 12:38

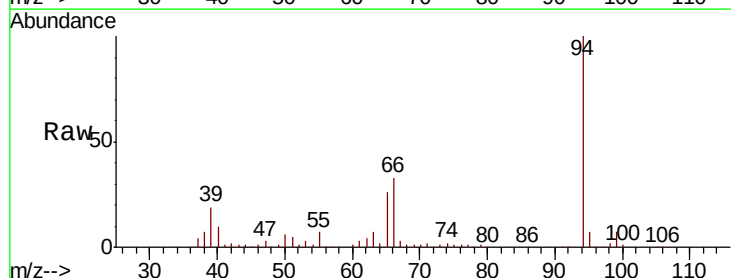
Tgt Ion: 94 Resp: 276752

Ion Ratio Lower Upper

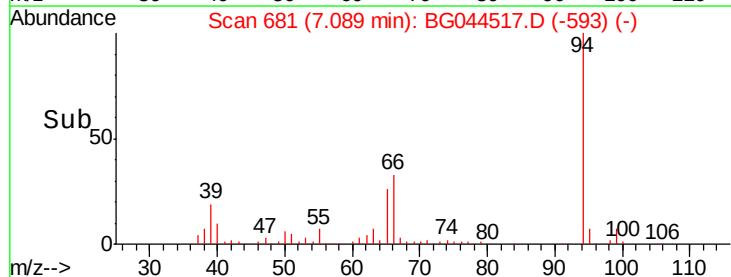
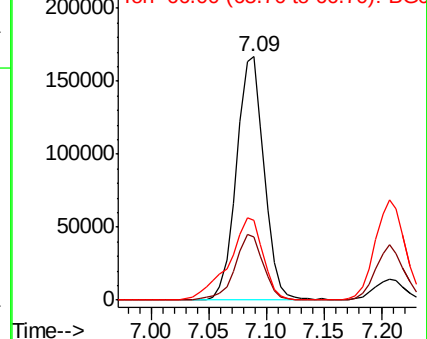
94 100

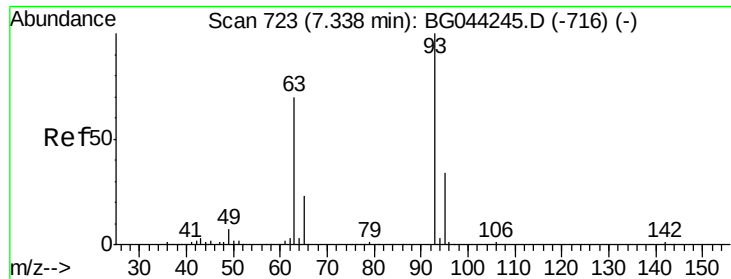
65 25.8 7.0 47.0

66 32.5 12.7 52.7



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





#11

bis(2-Chloroethyl)ether

Concen: 41.247 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG044517.D

Acq: 20 Feb 2020 12:38

Instrument :

BNA_G

ClientSampled :

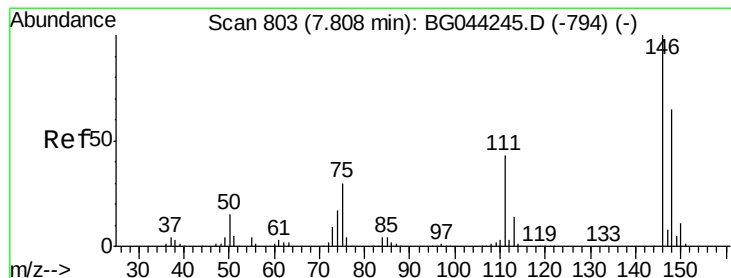
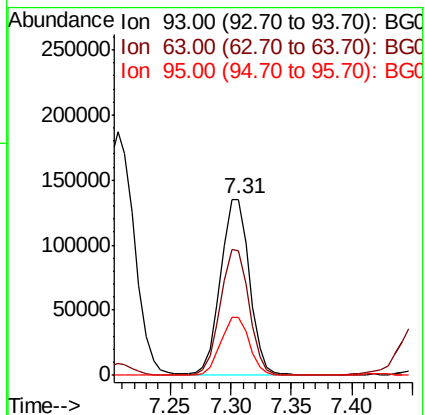
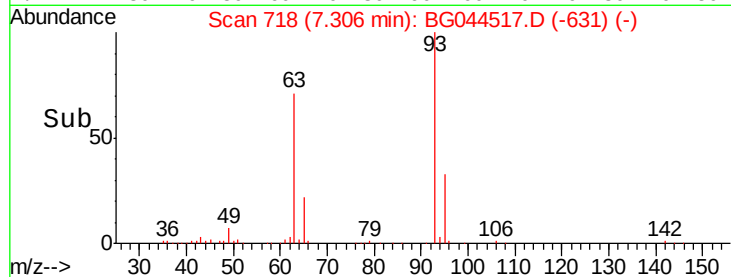
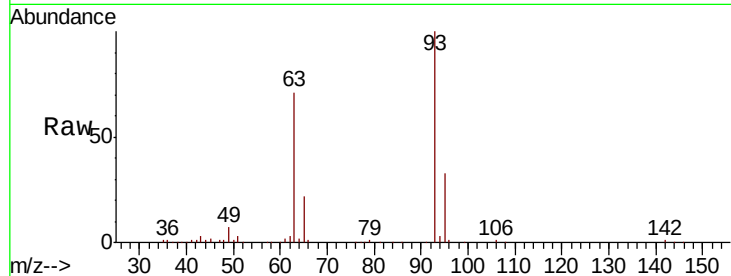
Tot Ion: 93 Resp: 226437

Ion Ratio Lower Upper

93 100

63 70.7 49.2 89.2

95 33.1 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 42.387 ng

RT: 7.78 min Scan# 798

Delta R.T. -0.02 min

Lab File: BG044517.D

Acq: 20 Feb 2020 12:38

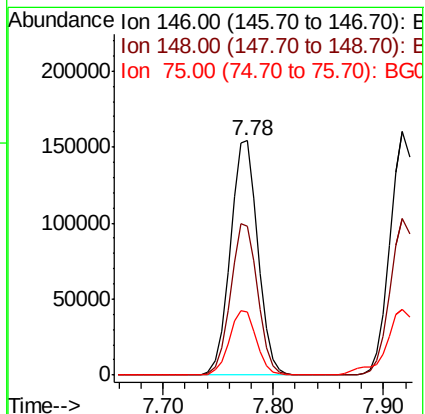
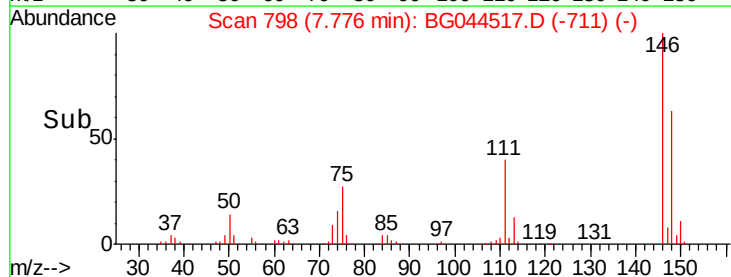
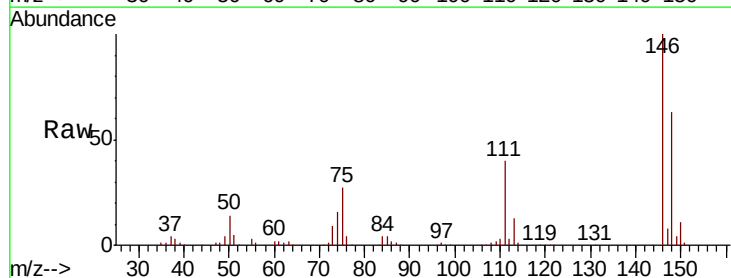
Tgt Ion: 146 Resp: 268745

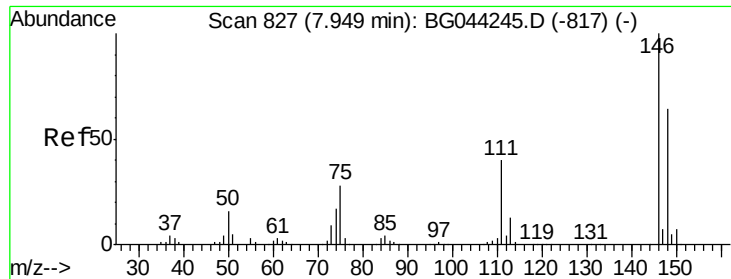
Ion Ratio Lower Upper

146 100

148 63.5 51.8 77.8

75 27.1 23.7 35.5

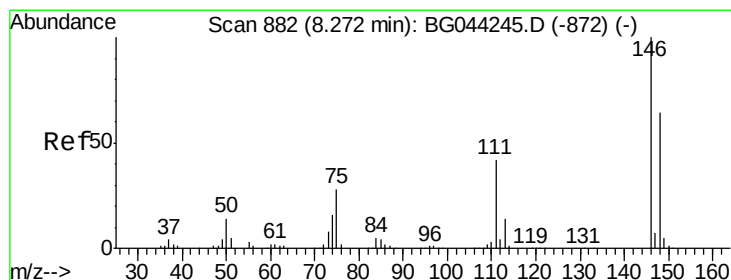
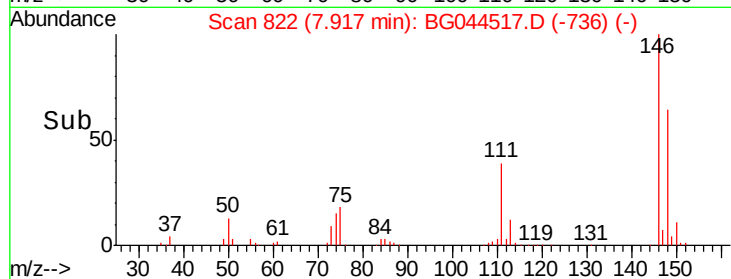
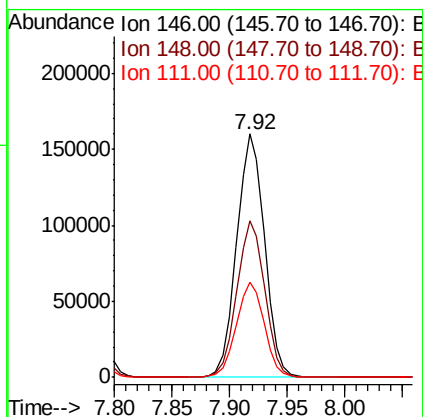
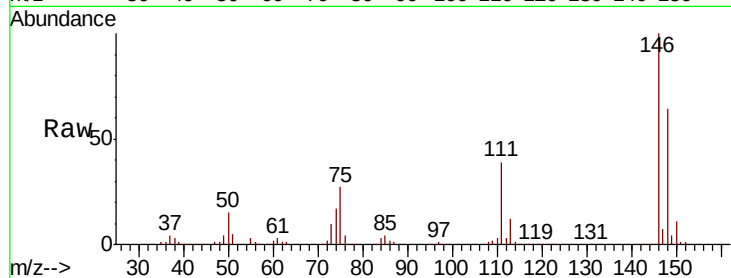




#13
 1,4-Dichlorobenzene
 Concen: 42.542 ng
 RT: 7.92 min Scan# 822
 Delta R.T. -0.02 min
 Lab File: BG044517.D
 Acq: 20 Feb 2020 12:38

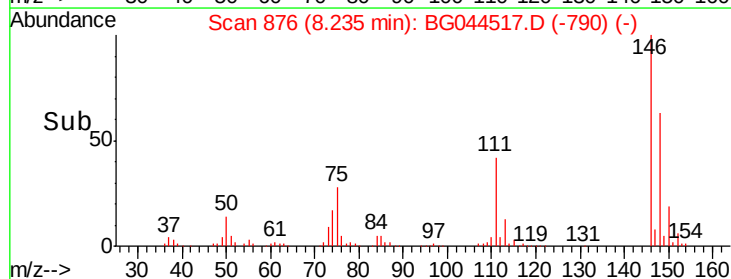
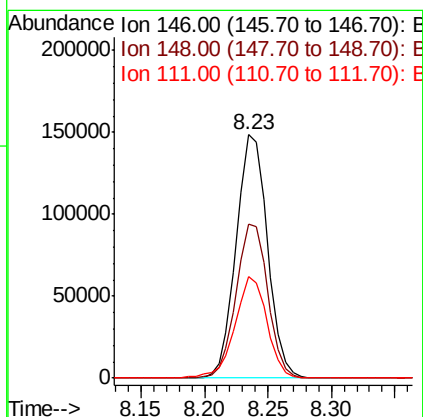
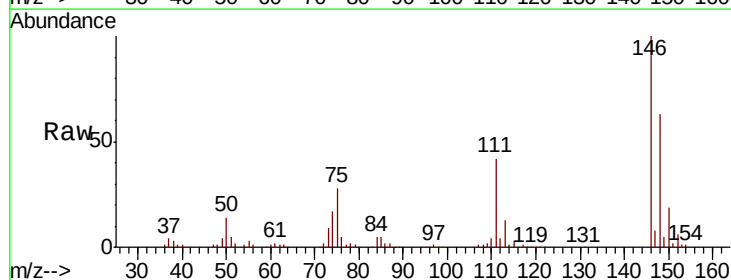
Instrument :
 BNA_G
 ClientSampleId :

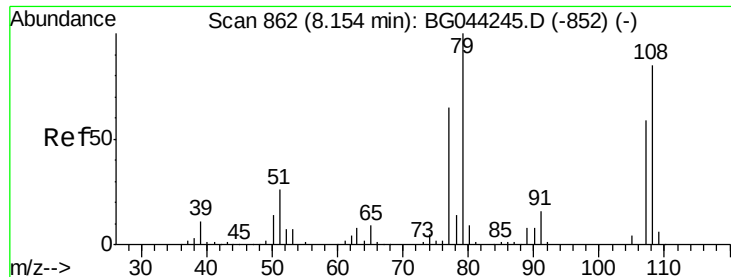
Tot Ion:146 Resp: 267151
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.4 77.0
 111 38.8 31.8 47.8



#14
 1,2-Dichlorobenzene
 Concen: 42.876 ng
 RT: 8.23 min Scan# 876
 Delta R.T. -0.02 min
 Lab File: BG044517.D
 Acq: 20 Feb 2020 12:38

Tgt Ion:146 Resp: 254495
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.2 76.8
 111 41.7 34.0 51.0





#15

Benzyl Alcohol

Concen: 43.023 ng

RT: 8.12 min Scan# 857

Delta R.T. -0.02 min

Lab File: BG044517.D

Acq: 20 Feb 2020 12:38

Instrument :

BNA_G

ClientSampled :

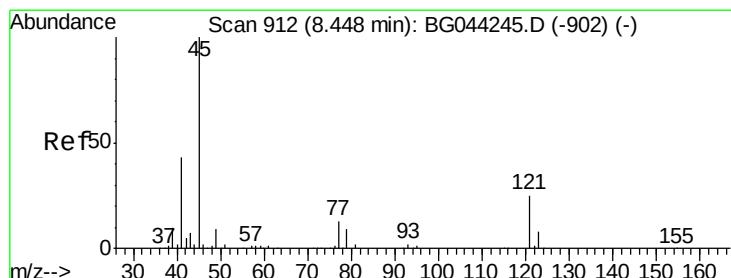
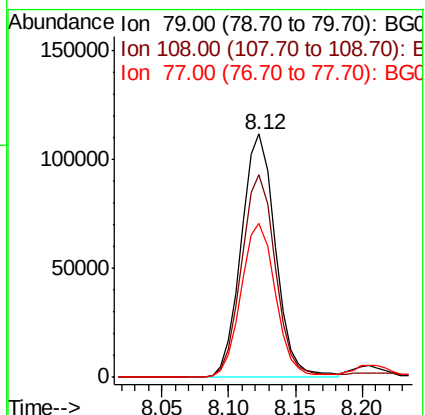
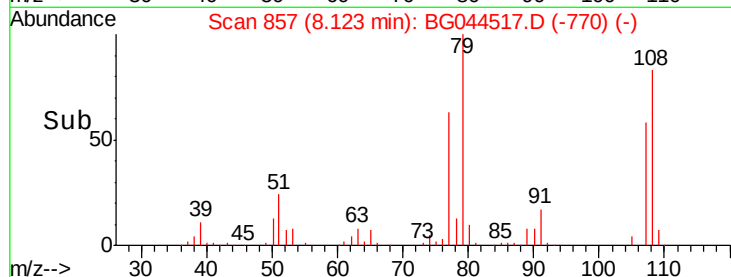
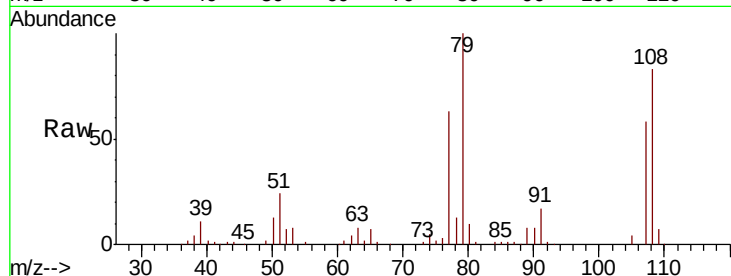
Tot Ion: 79 Resp: 197631

Ion Ratio Lower Upper

79 100

108 83.0 68.3 102.5

77 63.1 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.727 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.02 min

Lab File: BG044517.D

Acq: 20 Feb 2020 12:38

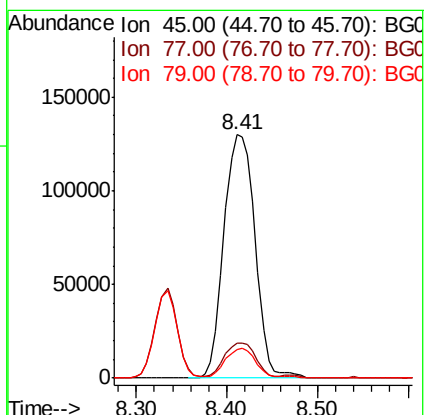
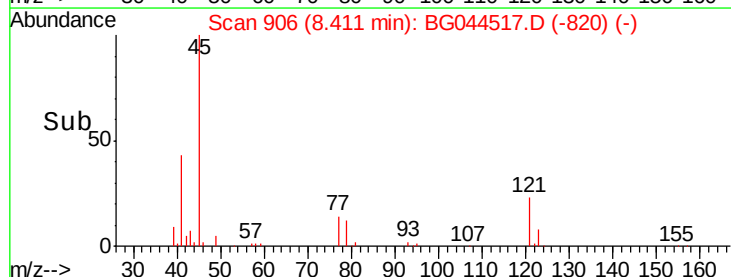
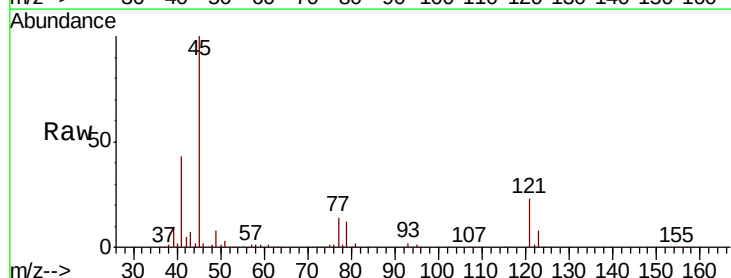
Tgt Ion: 45 Resp: 310046

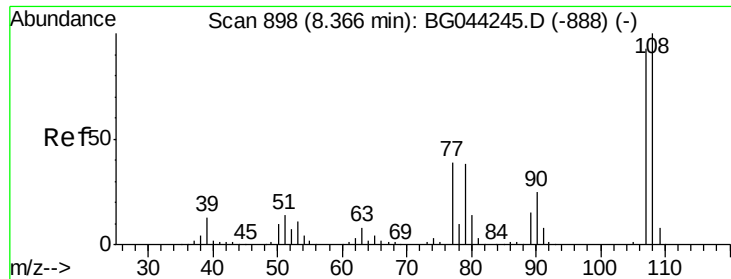
Ion Ratio Lower Upper

45 100

77 14.3 0.0 35.2

79 11.5 0.0 31.1

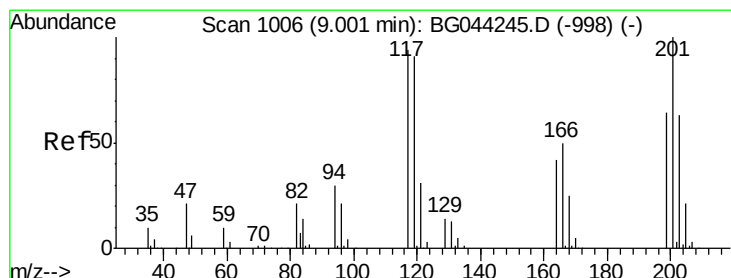
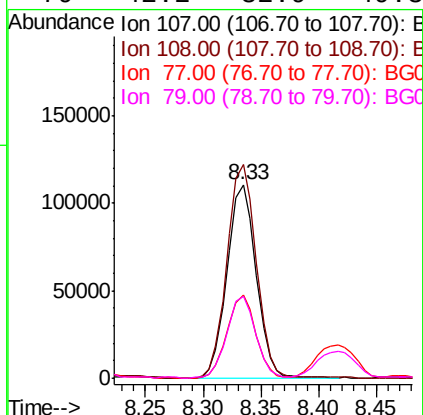
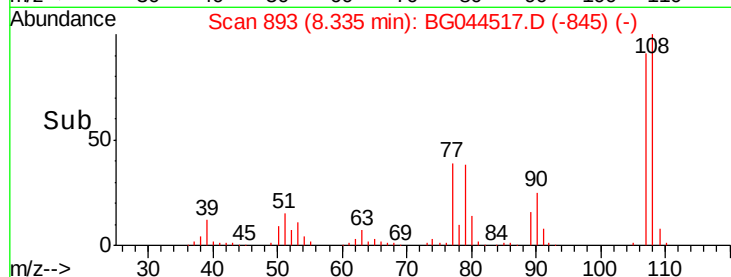
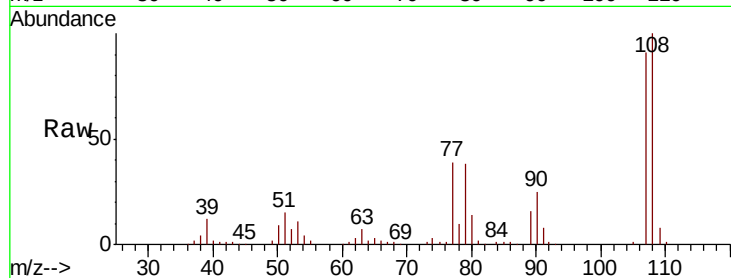




#17
2-Methylphenol
Concen: 42.120 ng
RT: 8.33 min Scan# 893
Delta R.T. -0.02 min
Lab File: BG044517.D
Acq: 20 Feb 2020 12:38

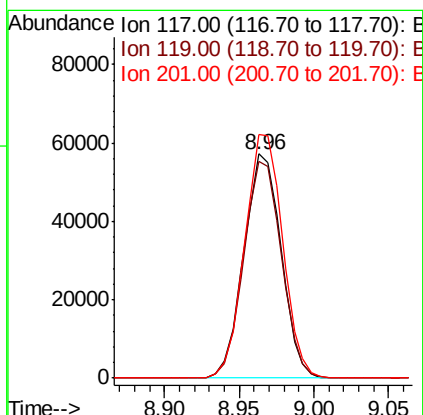
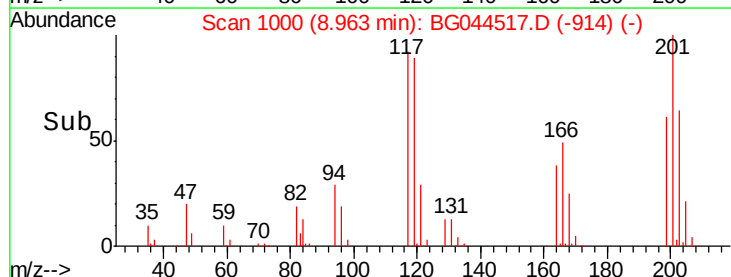
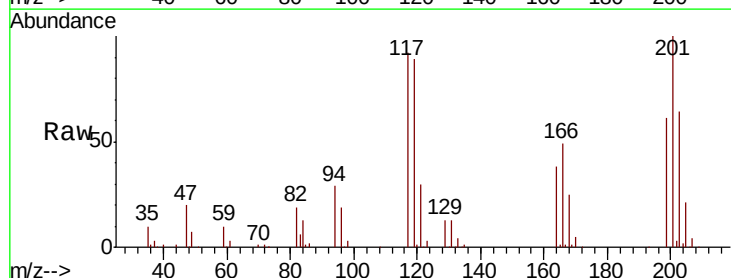
Instrument :
BNA_G
ClientSampleId :

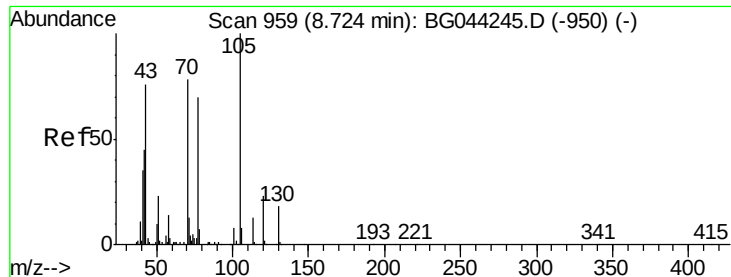
Tot Ion	Ratio	Lower	Upper
107	100		
108	110.4	86.4	129.6
77	43.3	34.0	51.0
79	42.2	32.9	49.3



#18
Hexachloroethane
Concen: 41.953 ng
RT: 8.96 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BG044517.D
Acq: 20 Feb 2020 12:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.5	116.3
201	108.6	84.9	127.3

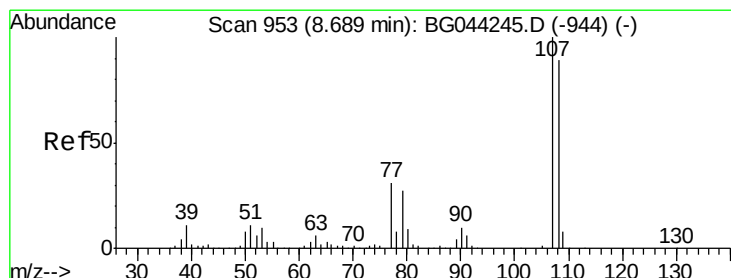
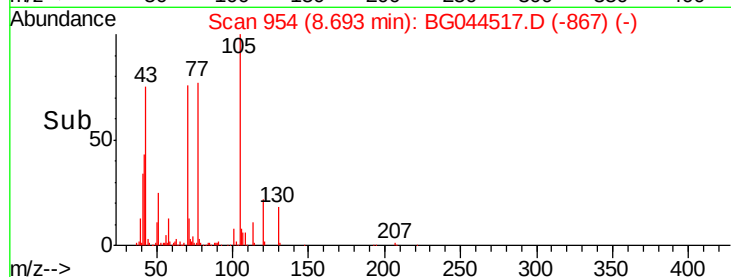
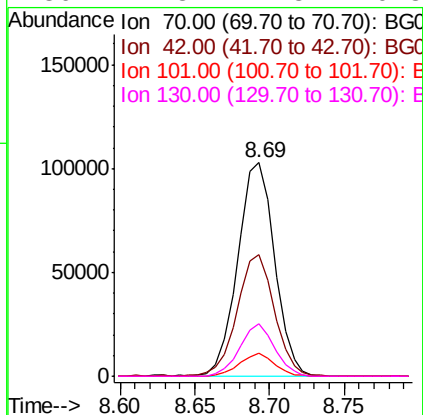
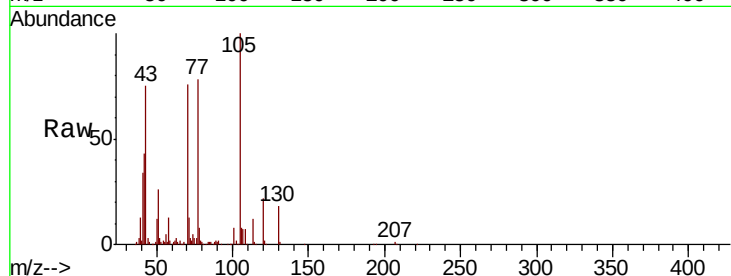




#19
n-Nitroso-di-n-propylamine
Concen: 40.889 ng
RT: 8.69 min Scan# 954
Delta R.T. -0.02 min
Lab File: BG044517.D
Acq: 20 Feb 2020 12:38

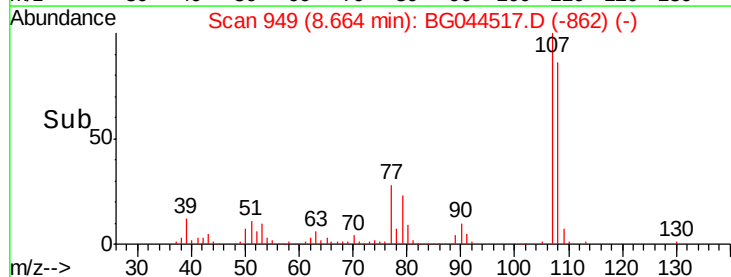
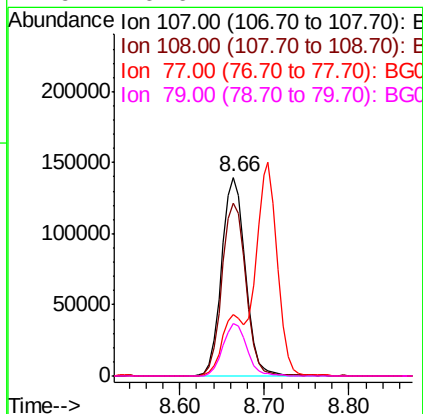
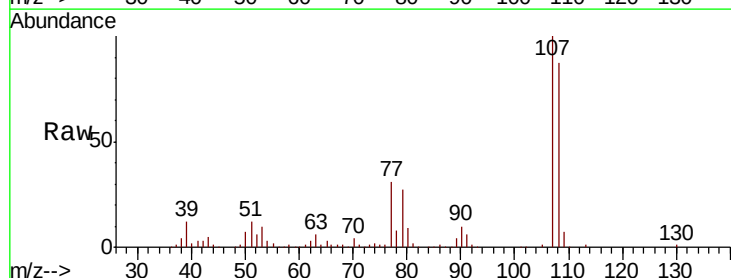
Instrument :
BNA_G
ClientSampleId :

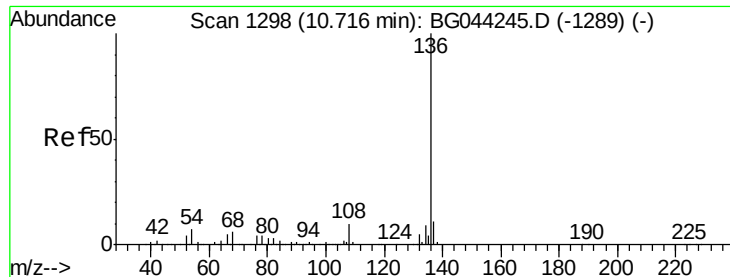
Tot Ion:	70	Resp:	176814
Ion	Ratio	Lower	Upper
70	100		
42	56.7	46.2	69.2
101	10.9	8.4	12.6
130	24.3	17.8	26.8



#20
3+4-Methylphenols
Concen: 42.954 ng
RT: 8.66 min Scan# 949
Delta R.T. -0.02 min
Lab File: BG044517.D
Acq: 20 Feb 2020 12:38

Tgt Ion:	107	Resp:	271213
Ion	Ratio	Lower	Upper
107	100		
108	87.2	68.5	108.5
77	30.7	10.9	50.9
79	26.6	7.1	47.1

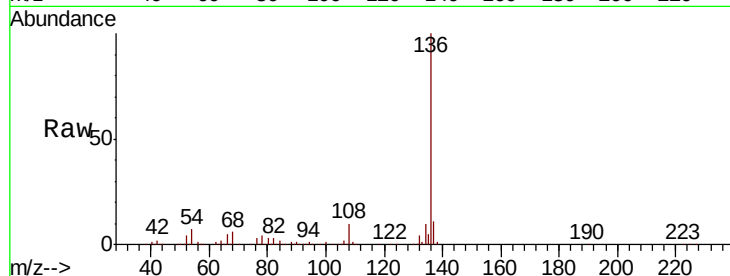




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.68 min Scan# 1293
Delta R.T. -0.02 min
Lab File: BG044517.D
Acq: 20 Feb 2020 12:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	353165
Ion Ratio	Lower	Upper
136 100		
137 11.4	8.8	13.2
54 7.2	5.8	8.8
68 6.2	4.6	6.8



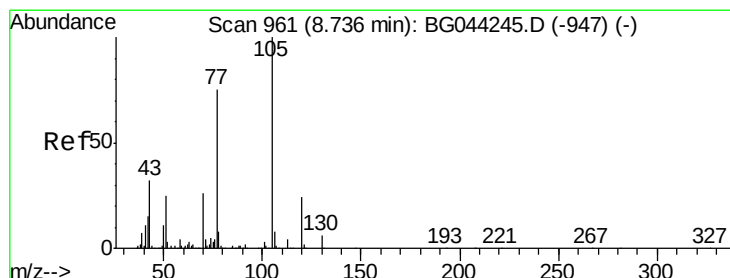
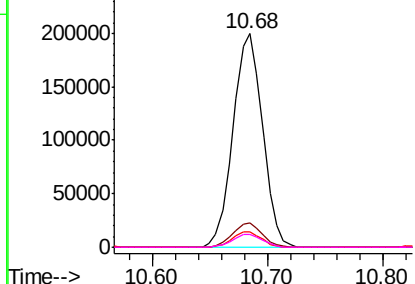
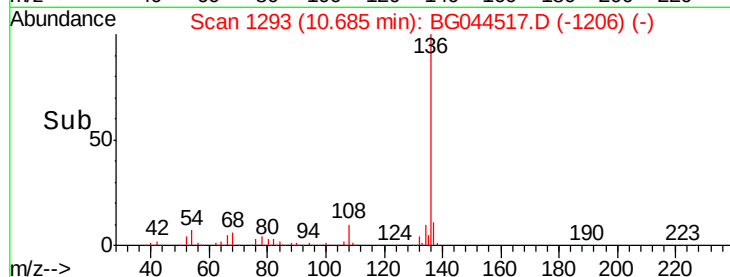
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

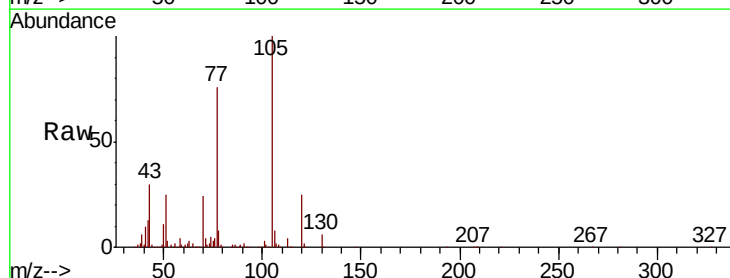
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 40.997 ng
RT: 8.70 min Scan# 956
Delta R.T. -0.02 min
Lab File: BG044517.D
Acq: 20 Feb 2020 12:38

Tgt	Ion:105	Resp:	352223
Ion	Ratio	Lower	Upper
105	100		
71	4.2	3.4	5.0
51	25.2	20.2	30.4
120	24.7	19.1	28.7



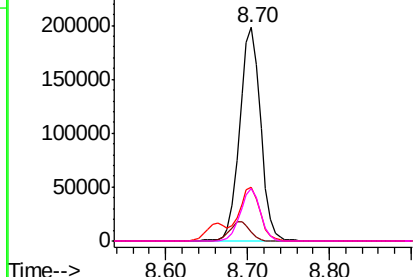
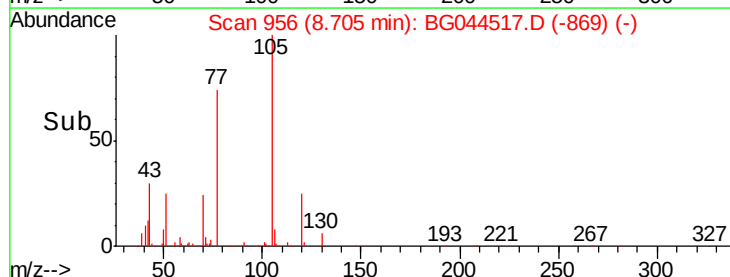
Abundance

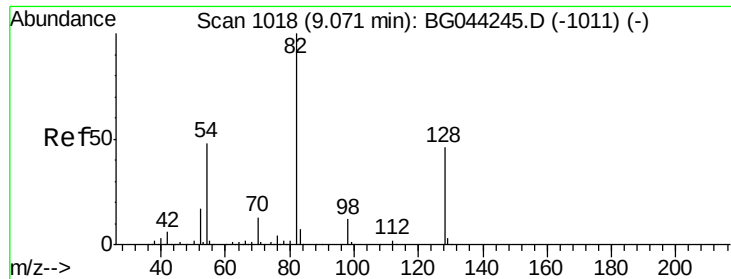
Ion 105.00 (104.70 to 105.70): E

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

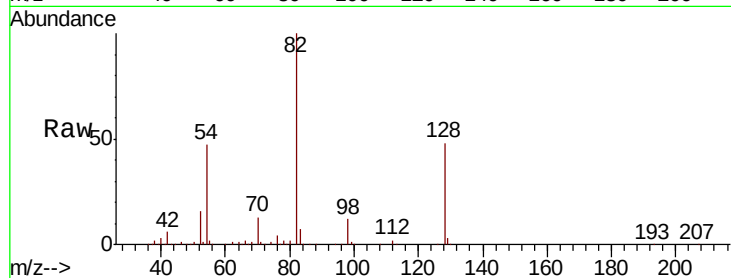




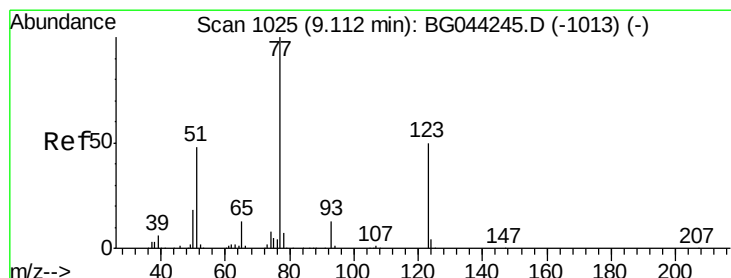
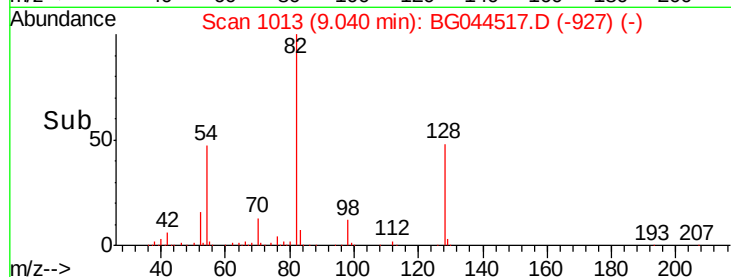
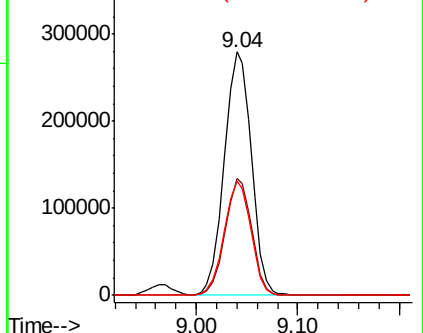
#23
 Nitrobenzene-d5
 Concen: 82.740 ng
 RT: 9.04 min Scan# 1013
 Delta R.T. -0.02 min
 Lab File: BG044517.D
 Acq: 20 Feb 2020 12:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	517586
Ion Ratio	100	Lower	Upper
128	48.0	36.5	54.7
54	46.8	38.6	58.0

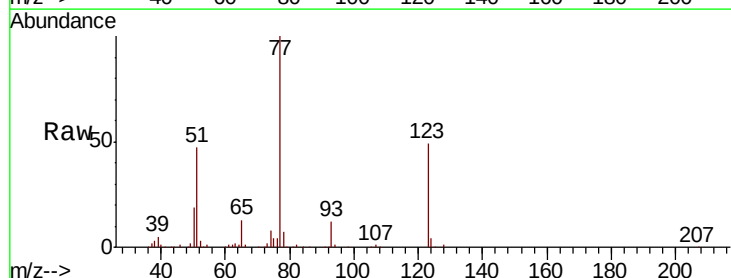


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

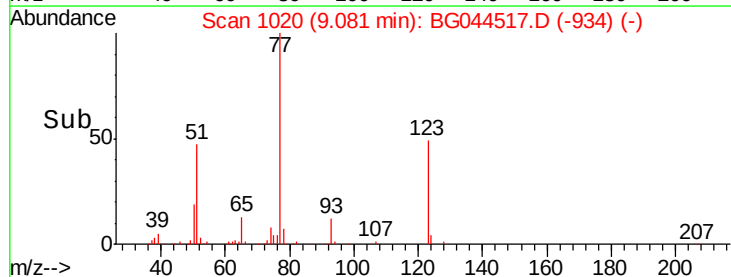
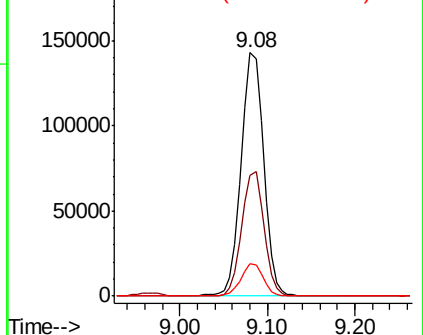


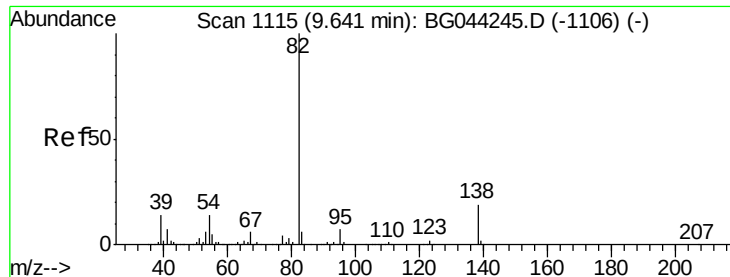
#24
 Nitrobenzene
 Concen: 40.725 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.02 min
 Lab File: BG044517.D
 Acq: 20 Feb 2020 12:38

Tgt Ion	77	Resp	248705
Ion Ratio	100	Lower	Upper
123	49.4	39.9	59.9
65	13.3	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: 40.961 ng

RT: 9.61 min Scan# 1110

Delta R.T. -0.02 min

Lab File: BG044517.D

Acq: 20 Feb 2020 12:38

Instrument :

BNA_G

ClientSampleId :

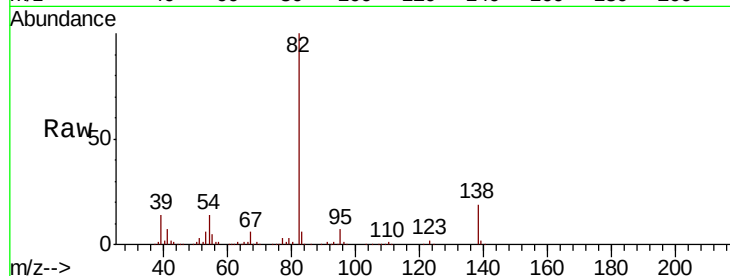
Tot Ion: 82 Resp: 477590

Ion Ratio Lower Upper

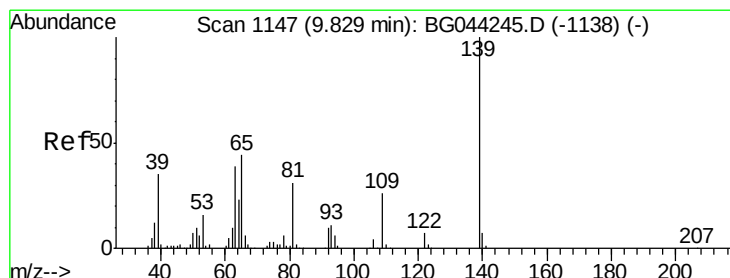
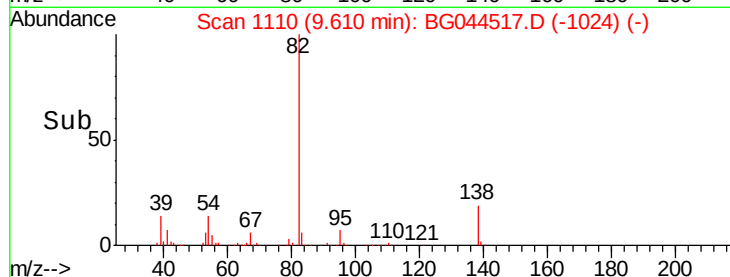
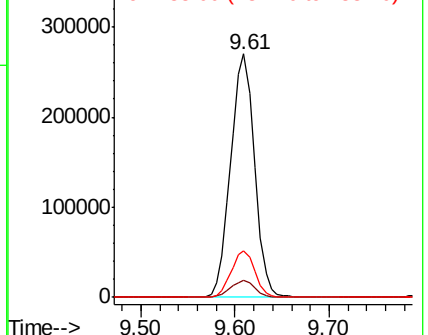
82 100

95 7.0 5.7 8.5

138 19.0 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: 43.941 ng

RT: 9.79 min Scan# 1141

Delta R.T. -0.02 min

Lab File: BG044517.D

Acq: 20 Feb 2020 12:38

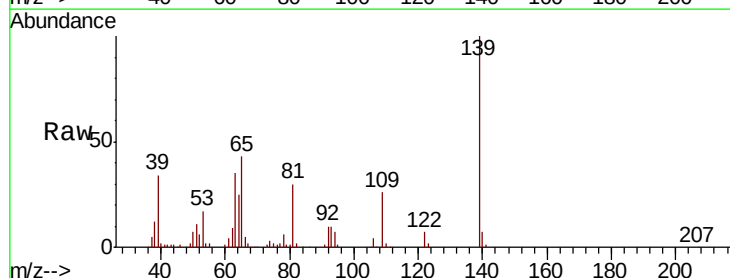
Tgt Ion: 139 Resp: 139243

Ion Ratio Lower Upper

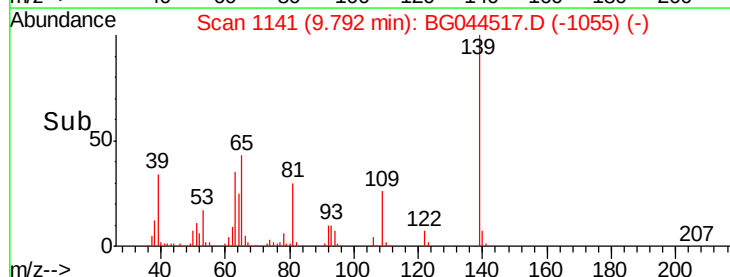
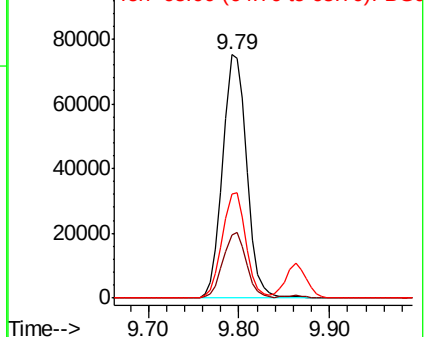
139 100

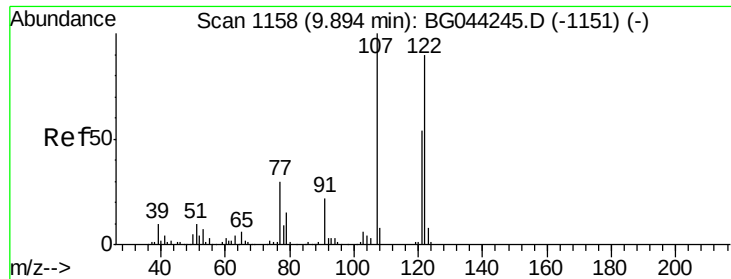
109 25.9 21.0 31.4

65 42.9 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

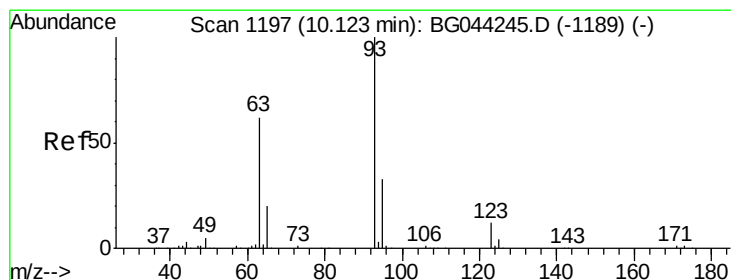
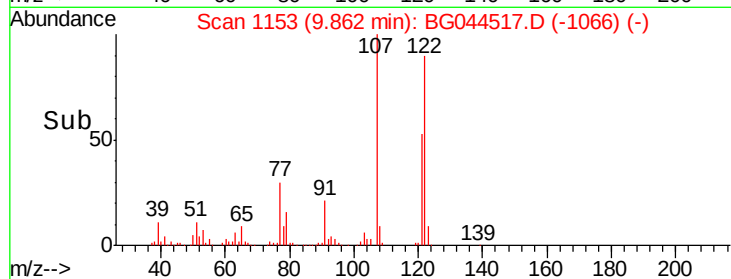
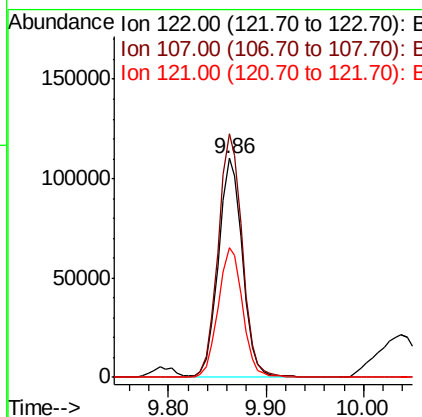
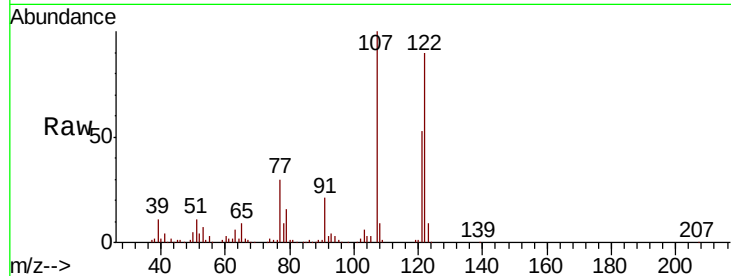




#27
 2,4-Dimethylphenol
 Concen: 41.974 ng
 RT: 9.86 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: BG044517.D
 Acq: 20 Feb 2020 12:38

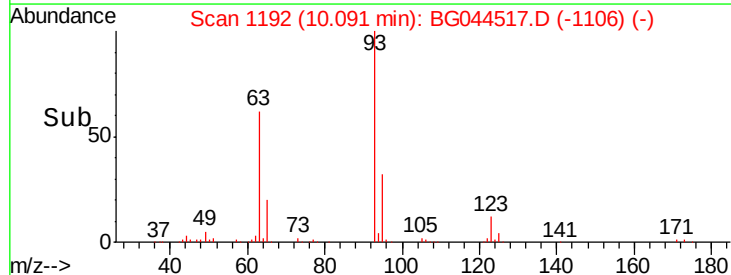
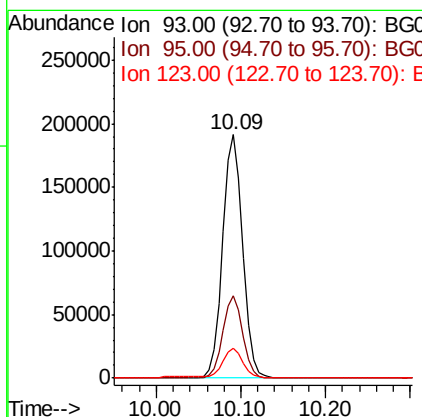
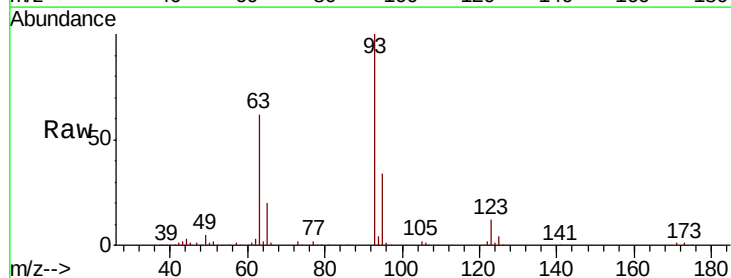
Instrument :
 BNA_G
 ClientSampleId :

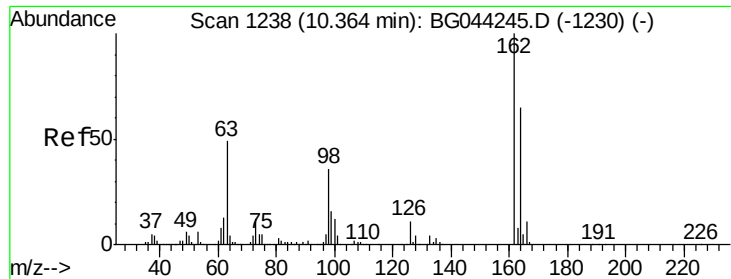
Tot Ion:122 Resp: 187754
 Ion Ratio Lower Upper
 122 100
 107 111.2 88.8 133.2
 121 59.4 48.3 72.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.322 ng
 RT: 10.09 min Scan# 1192
 Delta R.T. -0.02 min
 Lab File: BG044517.D
 Acq: 20 Feb 2020 12:38

Tgt Ion: 93 Resp: 313626
 Ion Ratio Lower Upper
 93 100
 95 33.7 26.6 40.0
 123 12.2 10.0 15.0

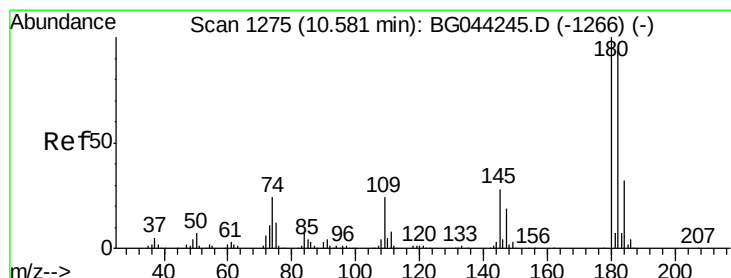
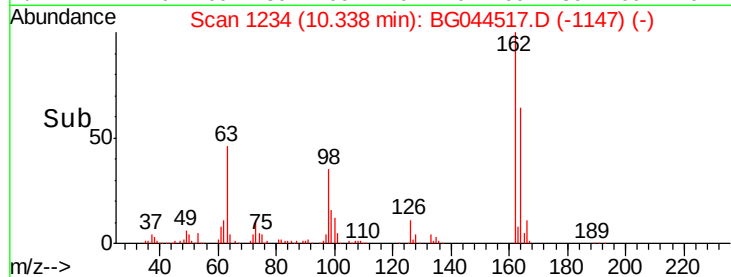
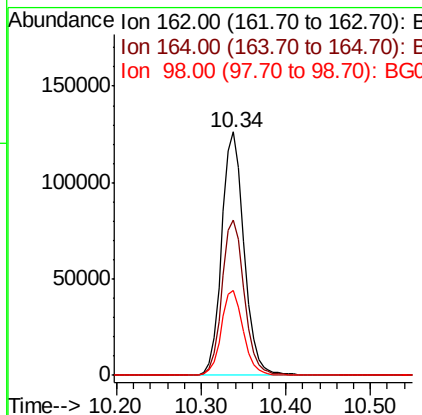
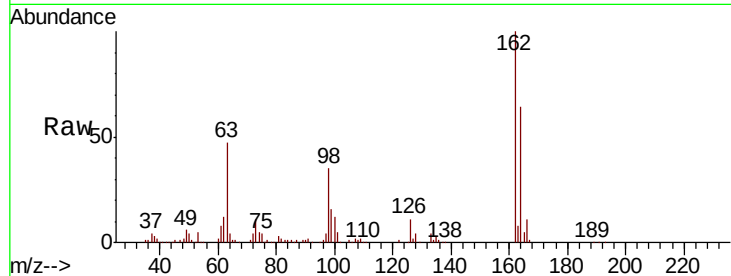




#29
 2,4-Dichlorophenol
 Concen: 42.888 ng
 RT: 10.34 min Scan# 1234
 Delta R.T. -0.02 min
 Lab File: BG044517.D
 Acq: 20 Feb 2020 12:38

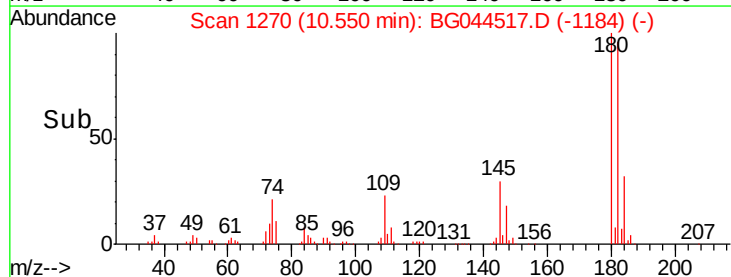
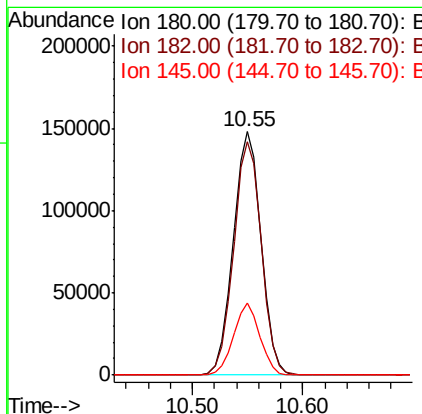
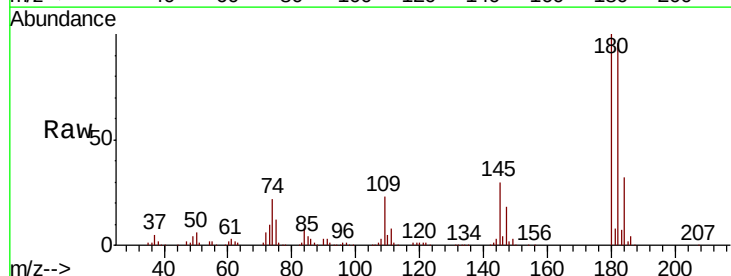
Instrument :
 BNA_G
 ClientSampleId :

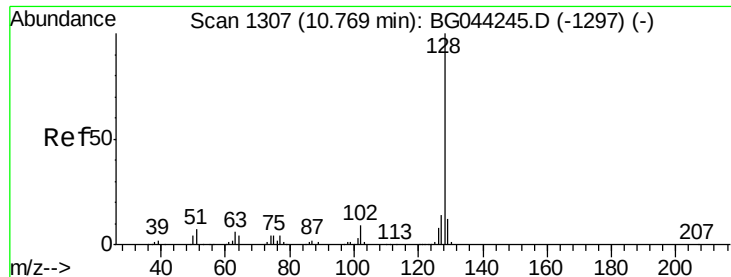
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.7	84.7
98	34.8	15.8	55.8



#30
 1,2,4-Trichlorobenzene
 Concen: 42.152 ng
 RT: 10.55 min Scan# 1270
 Delta R.T. -0.02 min
 Lab File: BG044517.D
 Acq: 20 Feb 2020 12:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.5	113.3
145	29.7	22.6	34.0

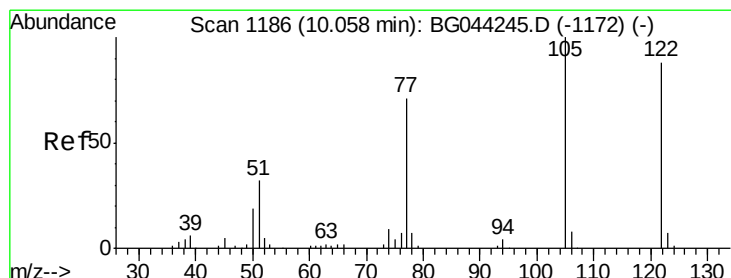
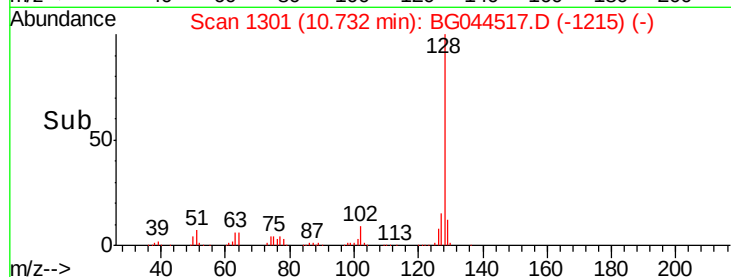
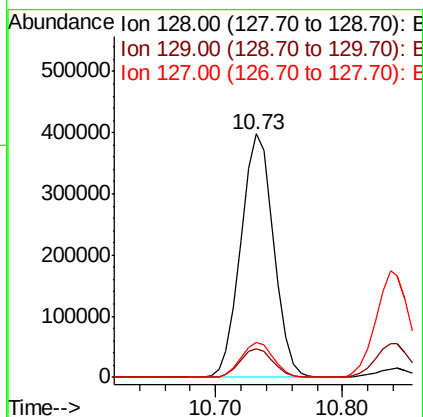
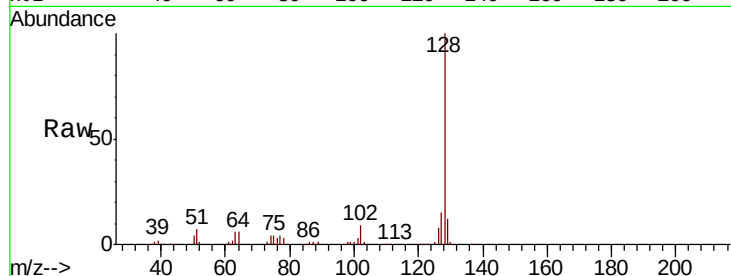




#31
Naphthalene
Concen: 41.740 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG044517.D
Acq: 20 Feb 2020 12:38

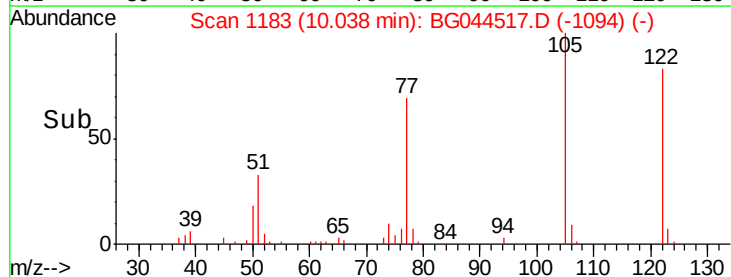
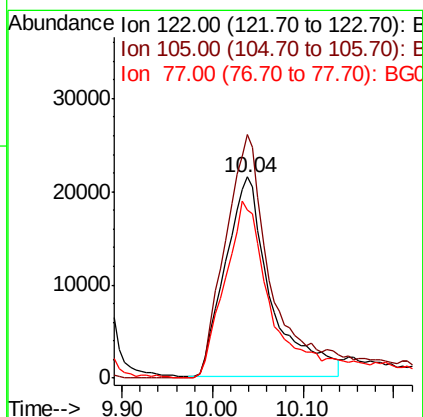
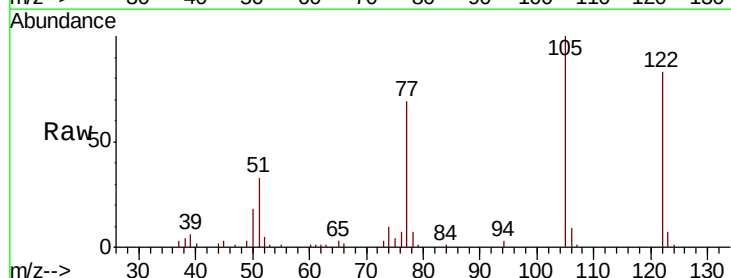
Instrument :
BNA_G
ClientSampled :

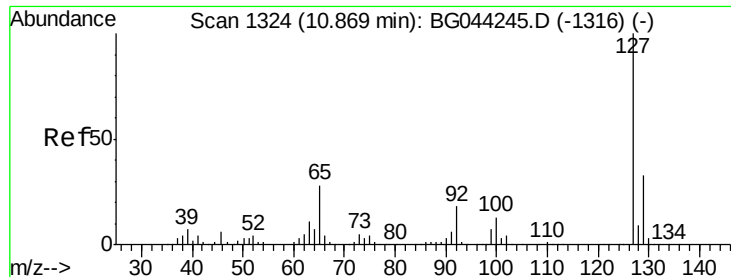
Tot Ion:128 Resp: 715190
Ion Ratio Lower Upper
128 100
129 11.9 9.3 13.9
127 14.5 11.6 17.4



#32
Benzoic acid
Concen: 32.148 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BG044517.D
Acq: 20 Feb 2020 12:38

Tgt Ion:122 Resp: 75157
Ion Ratio Lower Upper
122 100
105 121.2 93.5 133.5
77 83.8 61.0 101.0

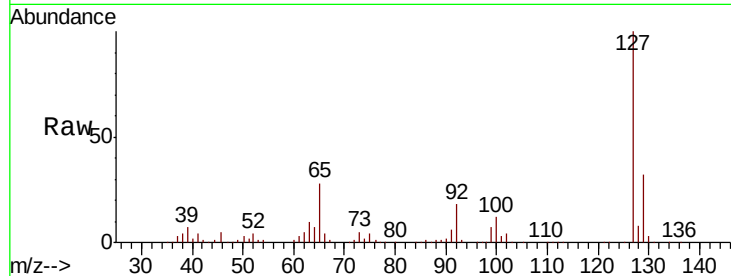




#33
4-Chloroaniline
Concen: 42.013 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BG044517.D
Acq: 20 Feb 2020 12:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	327396
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.6	40.0
65	27.8	22.5	33.7
92	17.6	14.1	21.1



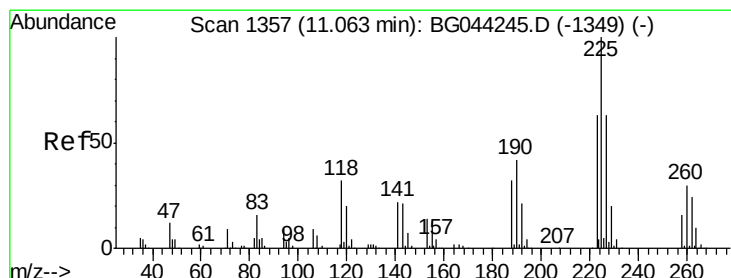
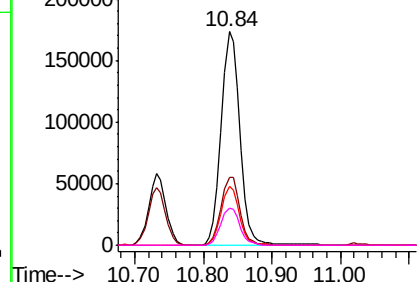
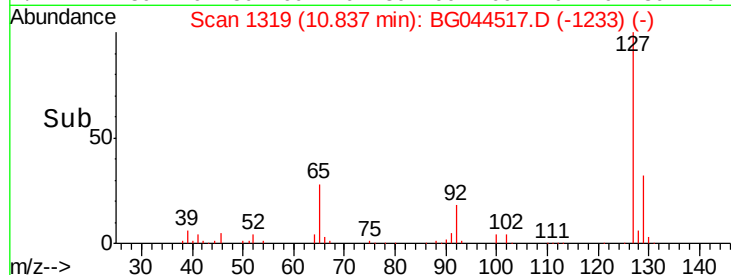
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

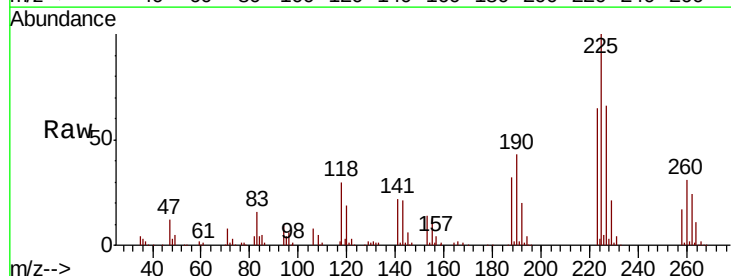
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 42.168 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG044517.D
Acq: 20 Feb 2020 12:38

Tgt Ion:	225	Resp:	160924
Ion	Ratio	Lower	Upper
225	100		
223	64.7	50.2	75.4
227	66.2	50.8	76.2

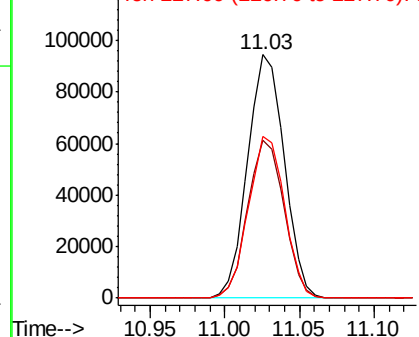
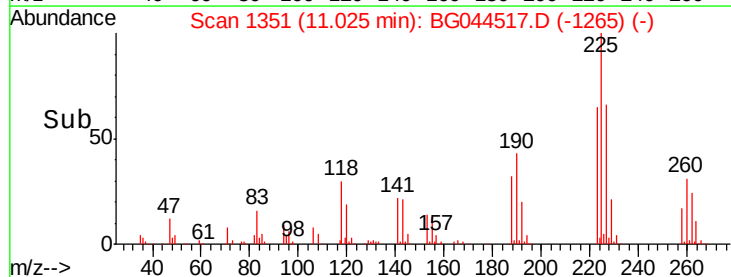


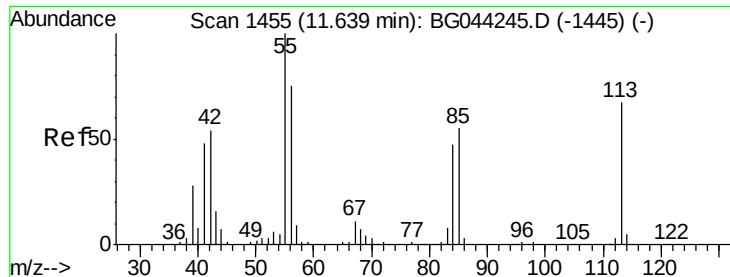
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

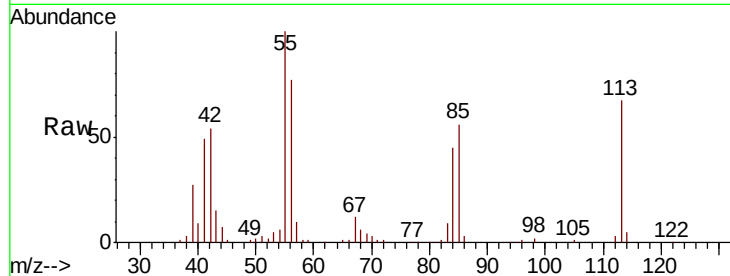




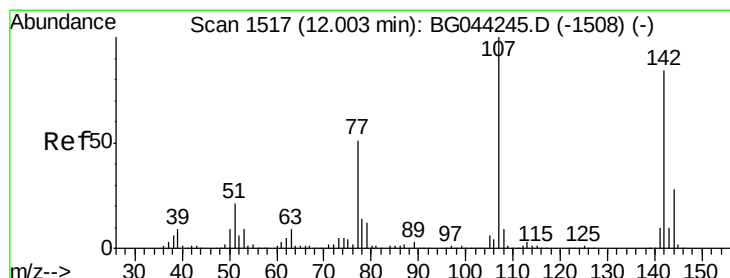
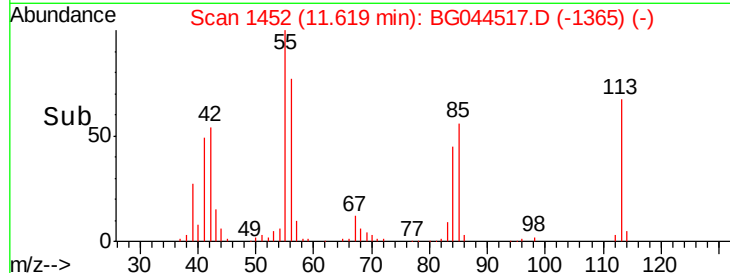
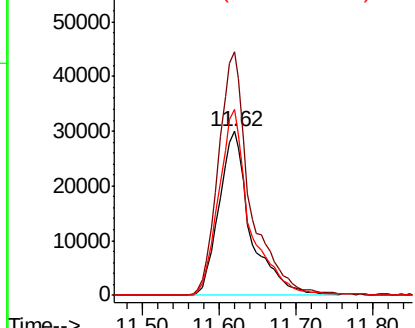
#35
Caprolactam
Concen: 43.223 ng
RT: 11.62 min Scan# 1452
Delta R.T. -0.02 min
Lab File: BG044517.D
Acq: 20 Feb 2020 12:38

Instrument :
BNA_G
ClientSampled :

Tot Ion:113 Resp: 85640
Ion Ratio Lower Upper
113 100
55 148.6 129.9 169.9
56 113.8 92.5 132.5

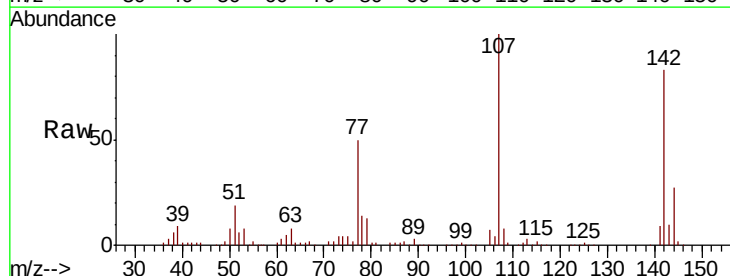


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG
Ion 56.00 (55.70 to 56.70): BG

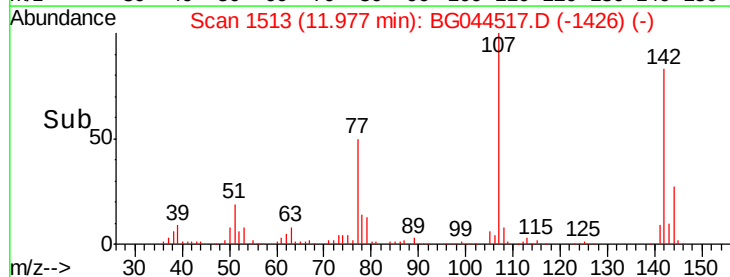
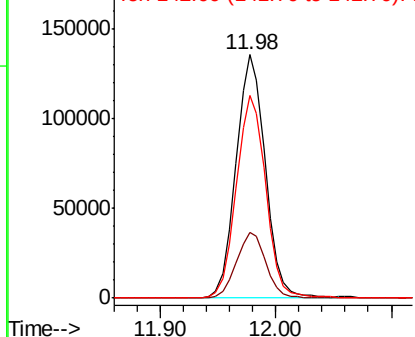


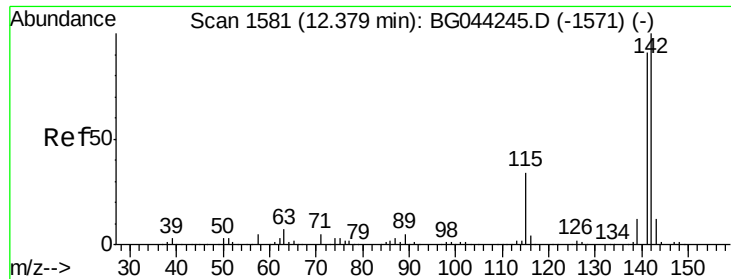
#36
4-Chloro-3-methylphenol
Concen: 42.055 ng
RT: 11.98 min Scan# 1513
Delta R.T. -0.02 min
Lab File: BG044517.D
Acq: 20 Feb 2020 12:38

Tgt Ion:107 Resp: 238490
Ion Ratio Lower Upper
107 100
144 26.9 22.2 33.4
142 83.2 67.4 101.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

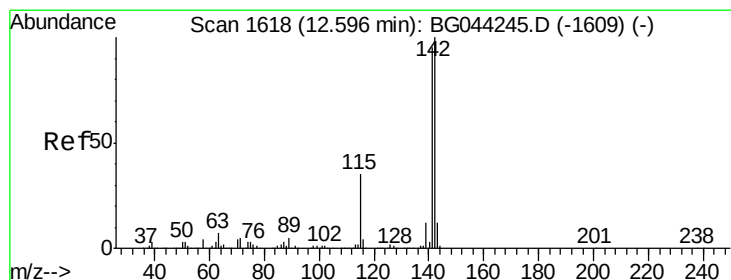
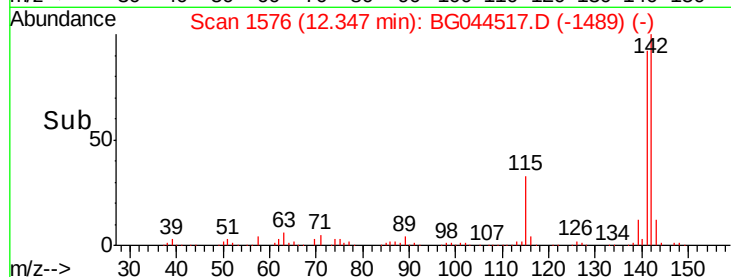
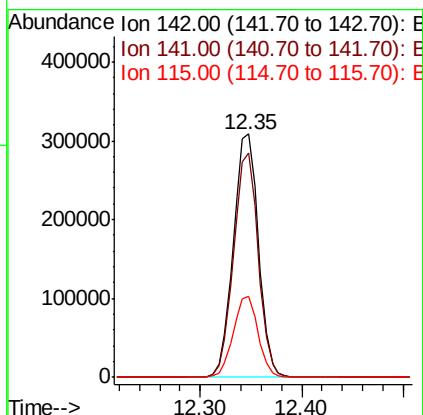
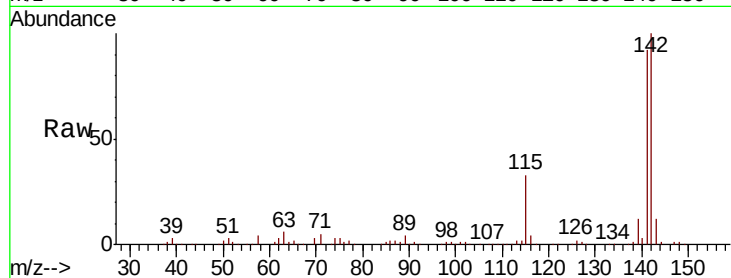




#37
2-Methylnaphthalene
Concen: 41.762 ng
RT: 12.35 min Scan# 1576
Delta R.T. -0.02 min
Lab File: BG044517.D
Acq: 20 Feb 2020 12:38

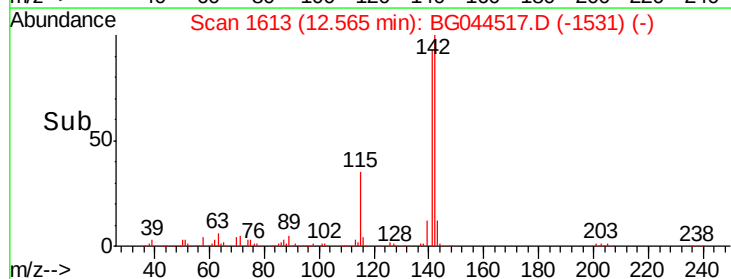
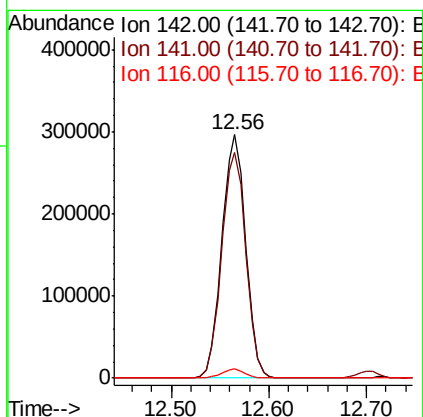
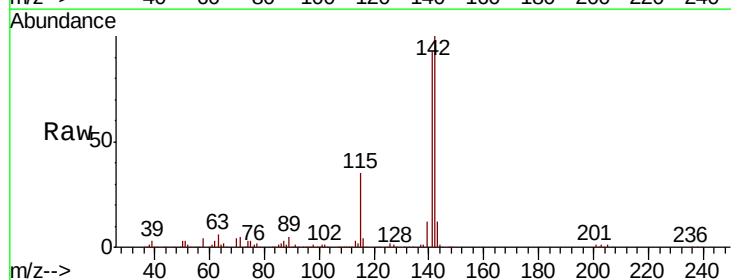
Instrument :
BNA_G
ClientSampleId :

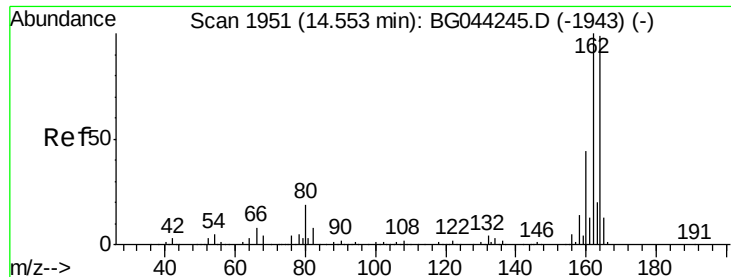
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.2	109.8
115	33.4	27.1	40.7



#38
1-Methylnaphthalene
Concen: 41.738 ng
RT: 12.56 min Scan# 1613
Delta R.T. -0.02 min
Lab File: BG044517.D
Acq: 20 Feb 2020 12:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	75.8	113.6
116	3.9	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.53 min Scan# 1947

Delta R.T. -0.02 min

Lab File: BG044517.D

Acq: 20 Feb 2020 12:38

Instrument :

BNA_G

ClientSampleId :

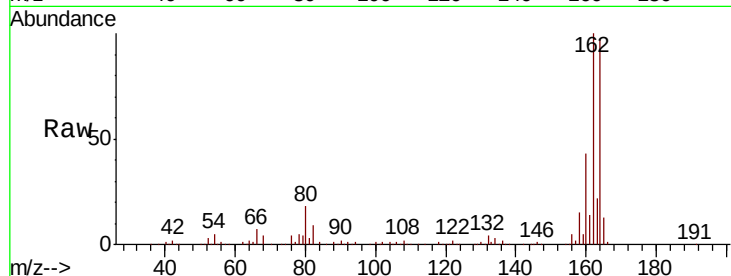
Tot Ion:164 Resp: 226390

Ion Ratio Lower Upper

164 100

162 102.9 80.7 121.1

160 44.6 35.3 52.9

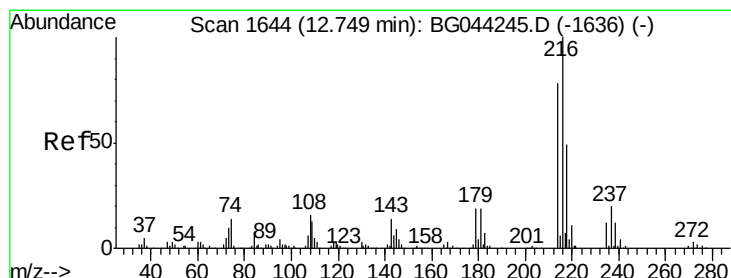
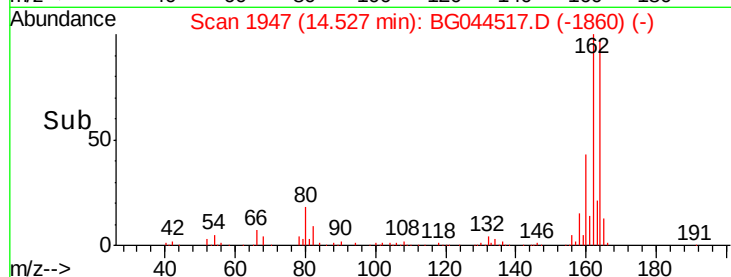
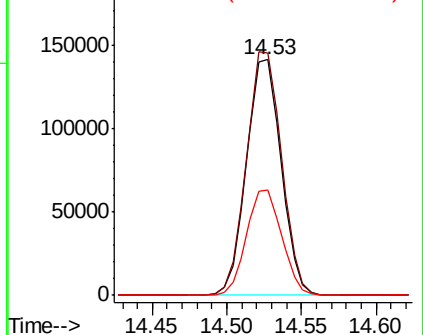


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.857 ng

RT: 12.72 min Scan# 1639

Delta R.T. -0.02 min

Lab File: BG044517.D

Acq: 20 Feb 2020 12:38

Tgt Ion:216 Resp: 290230

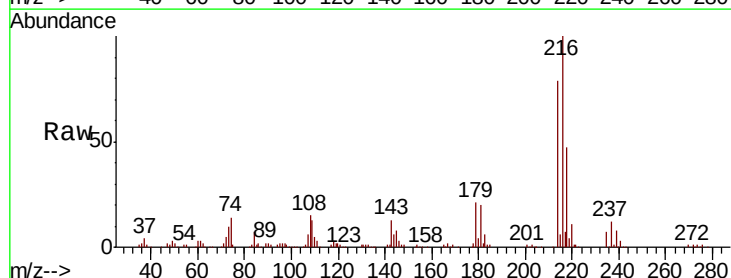
Ion Ratio Lower Upper

216 100

214 79.6 63.0 94.6

179 20.5 16.2 24.4

108 16.0 13.5 20.3



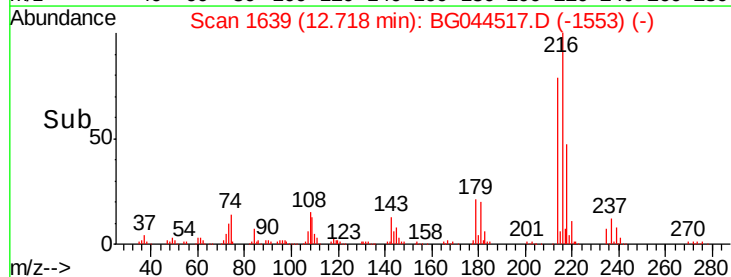
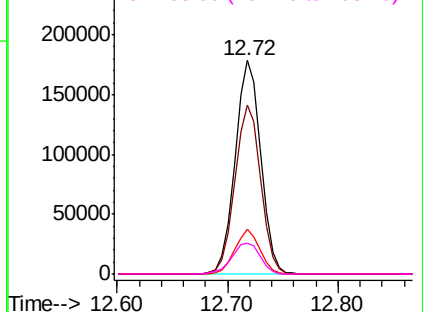
Abundance

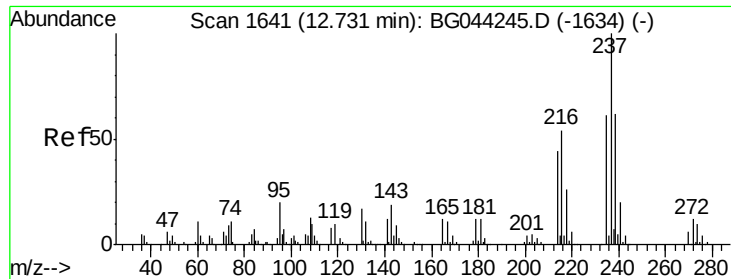
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

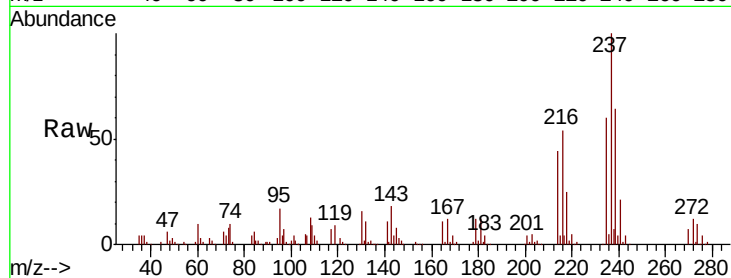




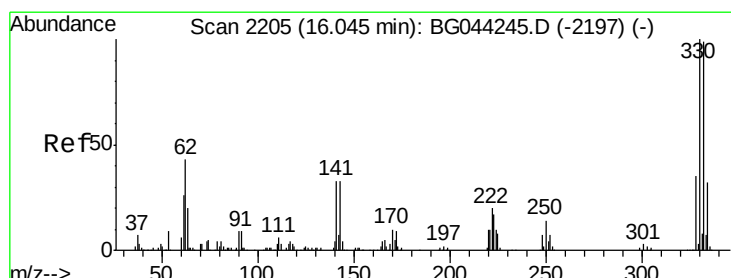
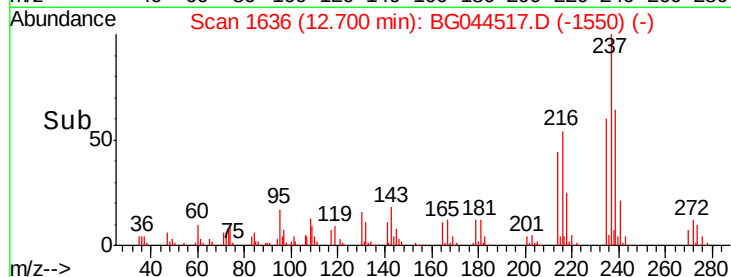
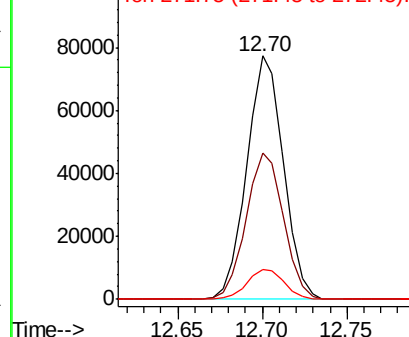
#41
Hexachlorocyclopentadiene
Concen: 35.786 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.02 min
Lab File: BG044517.D
Acq: 20 Feb 2020 12:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 116284
Ion Ratio Lower Upper
237 100
235 60.3 41.2 81.2
272 12.3 0.0 32.4

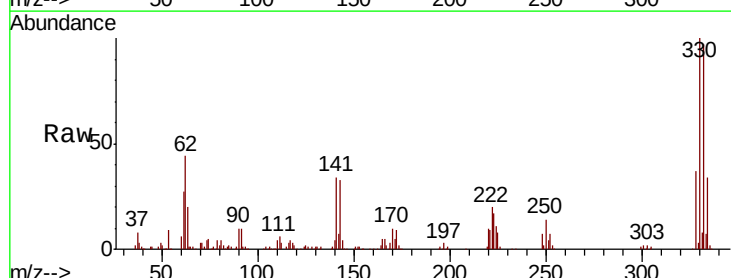


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

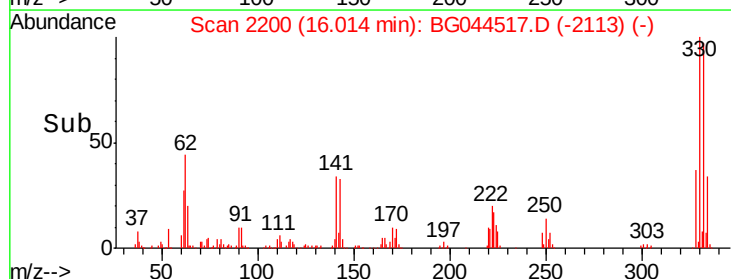
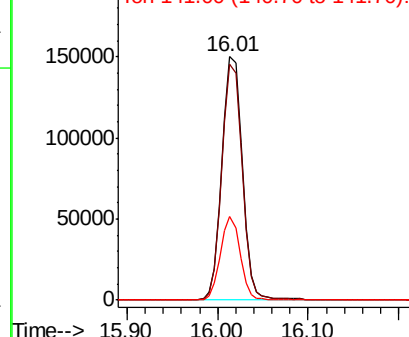


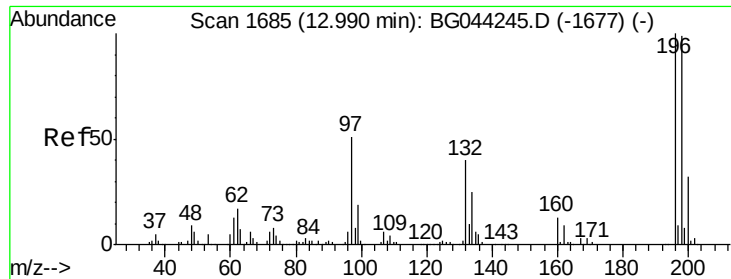
#42
2,4,6-Tribromophenol
Concen: 88.475 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BG044517.D
Acq: 20 Feb 2020 12:38

Tgt Ion:330 Resp: 235139
Ion Ratio Lower Upper
330 100
332 96.8 77.2 115.8
141 33.3 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

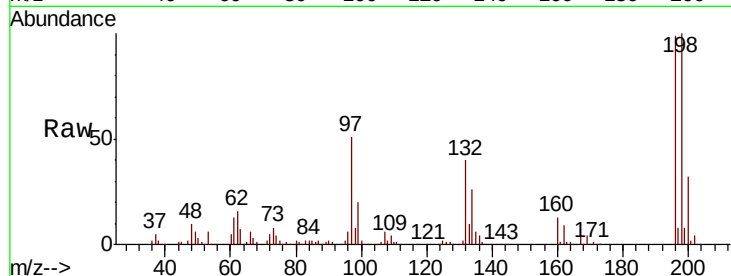




#43
 2,4,6-Trichlorophenol
 Concen: 42.961 ng
 RT: 12.96 min Scan# 1680
 Delta R.T. -0.02 min
 Lab File: BG044517.D
 Acq: 20 Feb 2020 12:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	196	Resp	188055
Ion Ratio	Lower	Upper	
196	100		
198	100.6	79.3	118.9
200	31.7	25.7	38.5

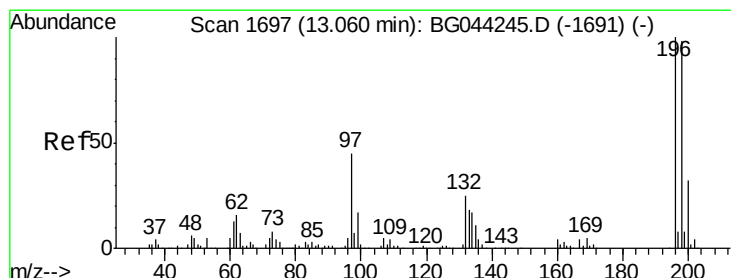
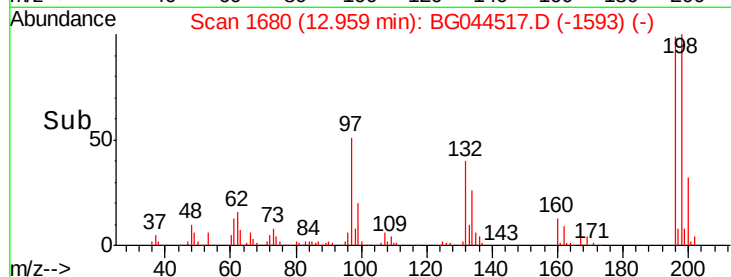
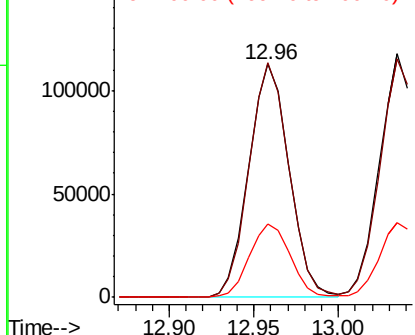


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 43.521 ng
 RT: 13.03 min Scan# 1693
 Delta R.T. -0.02 min
 Lab File: BG044517.D
 Acq: 20 Feb 2020 12:38

Tgt Ion	196	Resp	194583
Ion Ratio	Lower	Upper	
196	100		
198	97.9	78.2	117.2
97	43.5	36.2	54.4
132	25.1	20.2	30.4

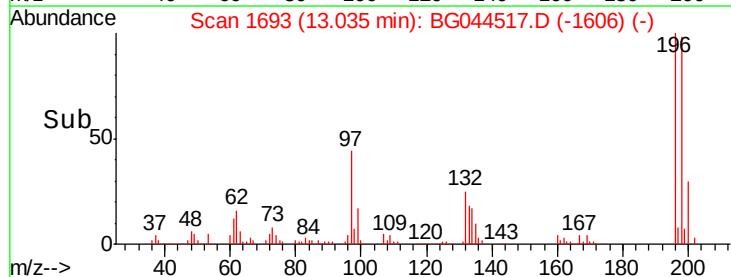
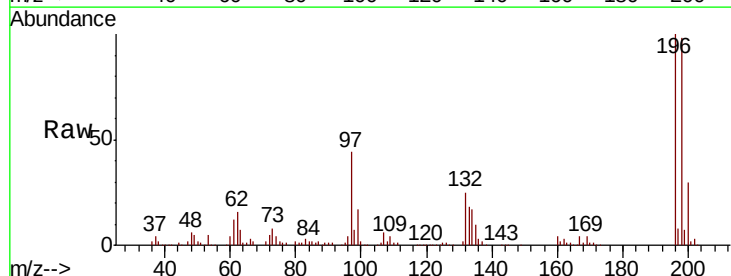
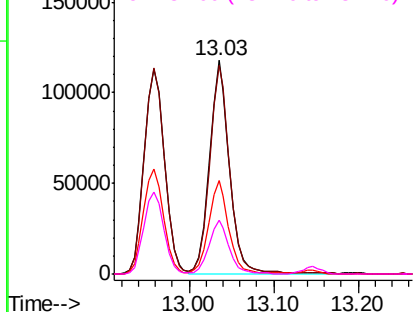
Abundance

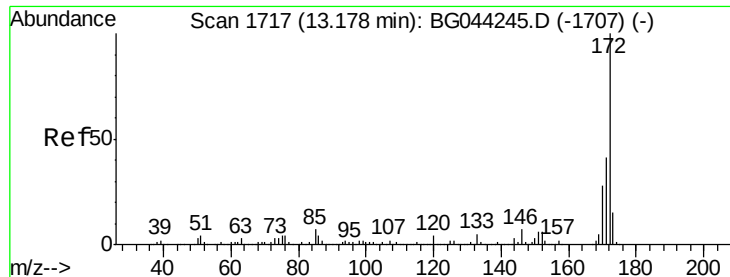
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



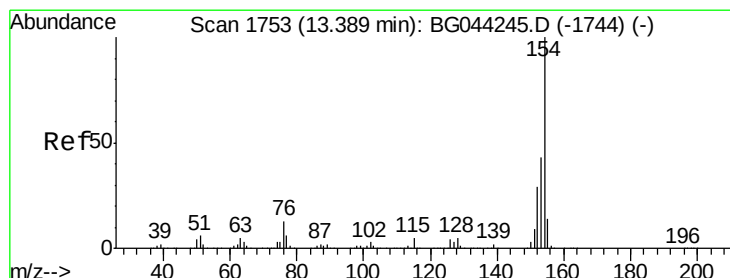
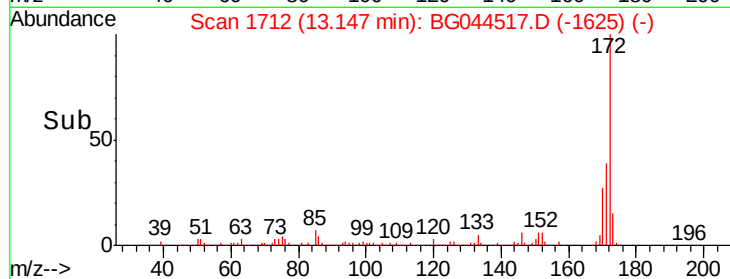
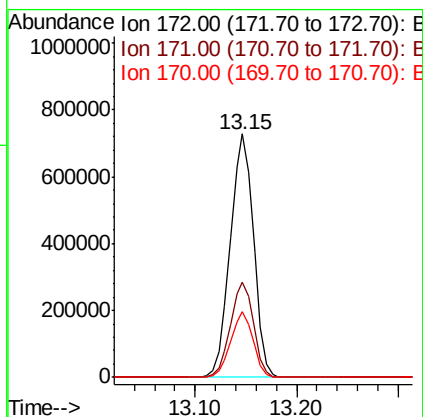
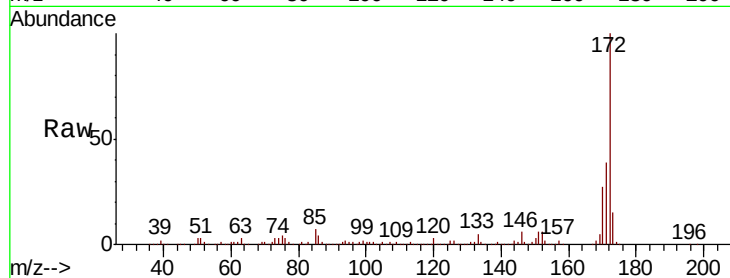


#45
 2-Fluorobiphenyl
 Concen: 85.498 ng
 RT: 13.15 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG044517.D
 Acq: 20 Feb 2020 12:38

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:172 Resp: 1155886

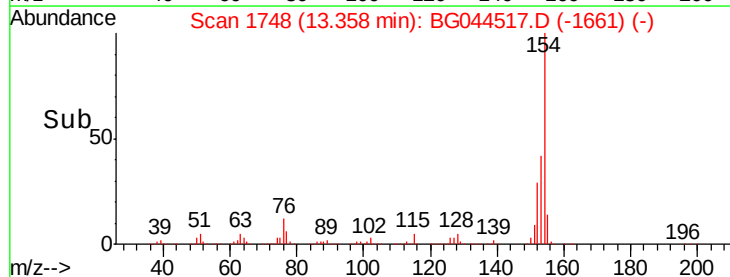
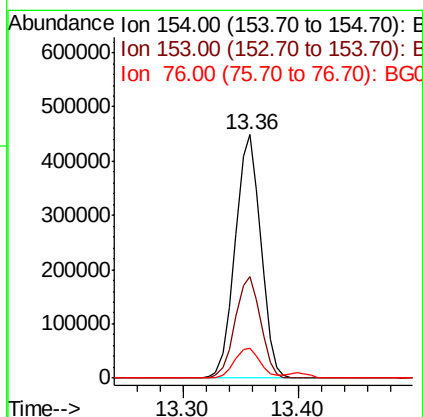
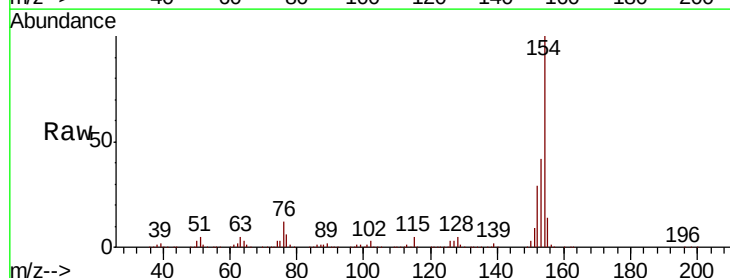
Ion	Ratio	Lower	Upper
172	100		
171	39.3	32.9	49.3
170	26.9	22.0	33.0

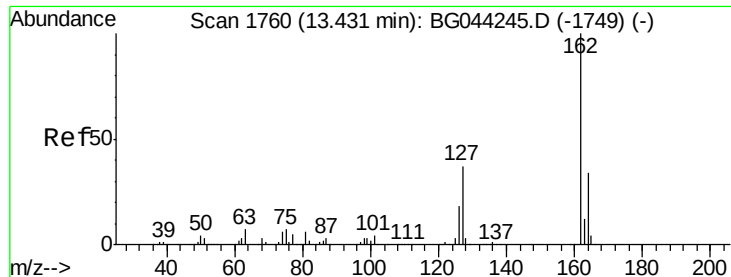


#46
 1,1'-Biphenyl
 Concen: 42.065 ng
 RT: 13.36 min Scan# 1748
 Delta R.T. -0.02 min
 Lab File: BG044517.D
 Acq: 20 Feb 2020 12:38

Tgt Ion:154 Resp: 686906

Ion	Ratio	Lower	Upper
154	100		
153	41.8	22.7	62.7
76	12.2	0.0	32.9

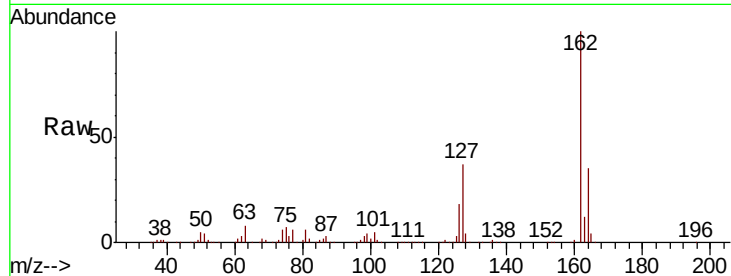




#47
2-Chloronaphthalene
Concen: 41.949 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG044517.D
Acq: 20 Feb 2020 12:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.1	30.0	45.0
164	34.9	27.2	40.8

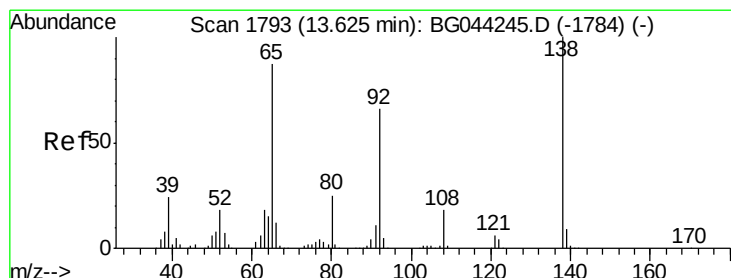
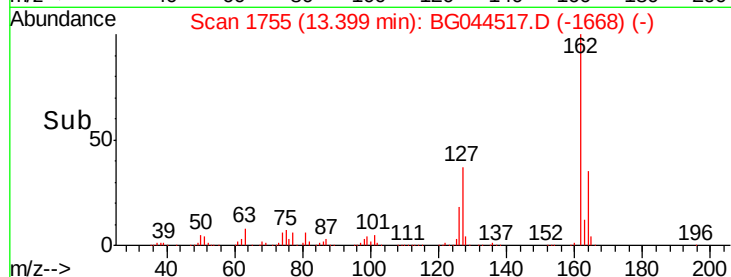
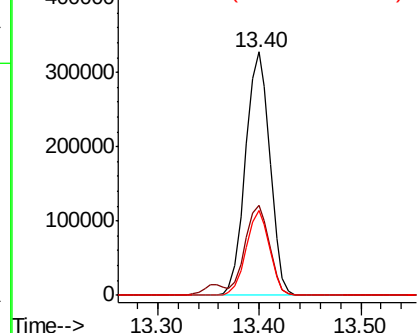


Abundance

Ion 162.00 (161.70 to 162.70): E

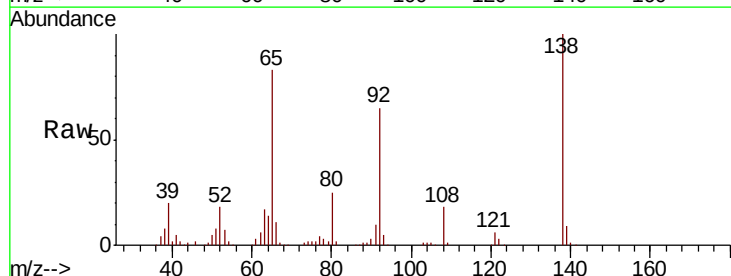
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 41.828 ng
RT: 13.60 min Scan# 1789
Delta R.T. -0.02 min
Lab File: BG044517.D
Acq: 20 Feb 2020 12:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	78.3	60.3	90.5
138	119.8	91.9	137.9

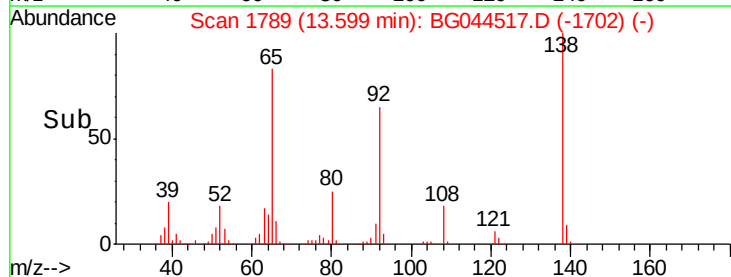
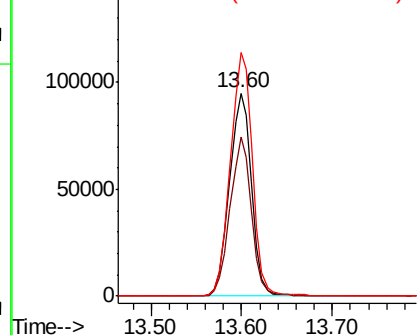


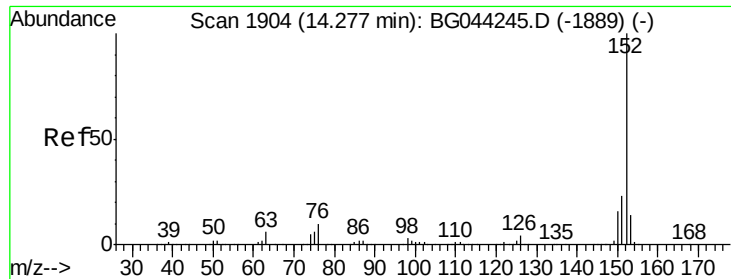
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.309 ng

RT: 14.25 min Scan# 1899

Delta R.T. -0.02 min

Lab File: BG044517.D

Acq: 20 Feb 2020 12:38

Instrument :

BNA_G

ClientSampleId :

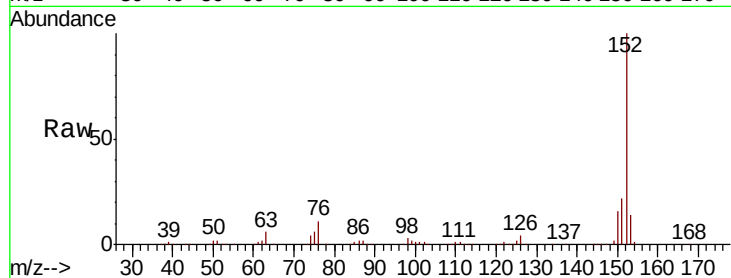
Tot Ion:152 Resp: 806380

Ion Ratio Lower Upper

152 100

151 21.9 18.1 27.1

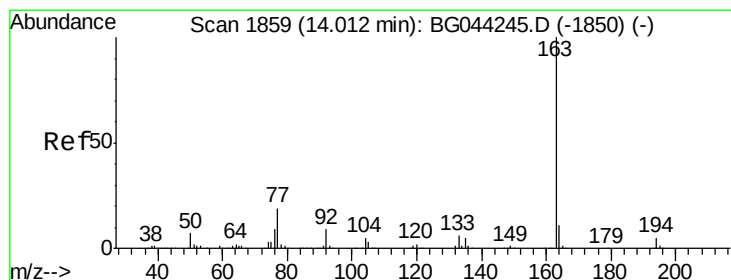
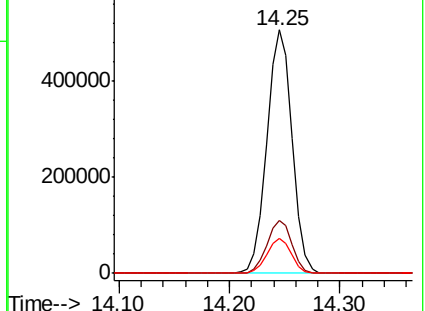
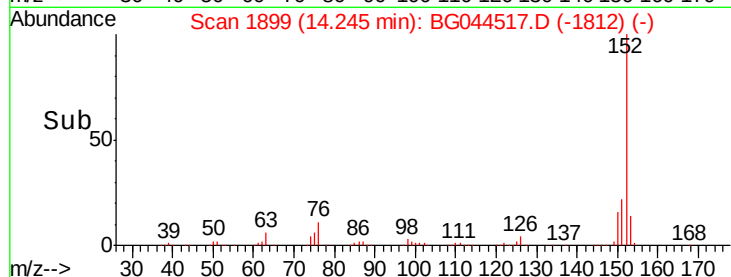
153 14.2 11.5 17.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.891 ng

RT: 13.98 min Scan# 1854

Delta R.T. -0.02 min

Lab File: BG044517.D

Acq: 20 Feb 2020 12:38

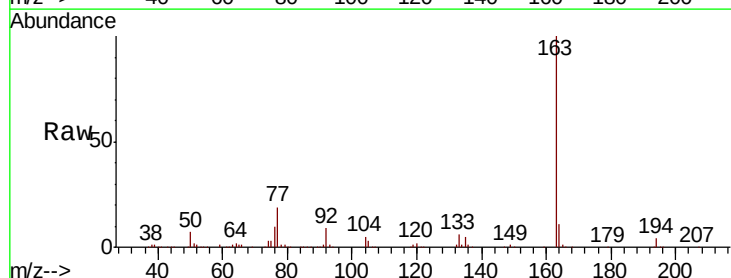
Tgt Ion:163 Resp: 681720

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

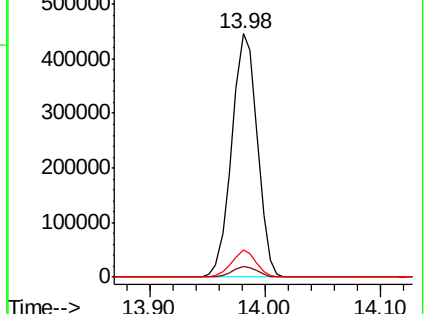
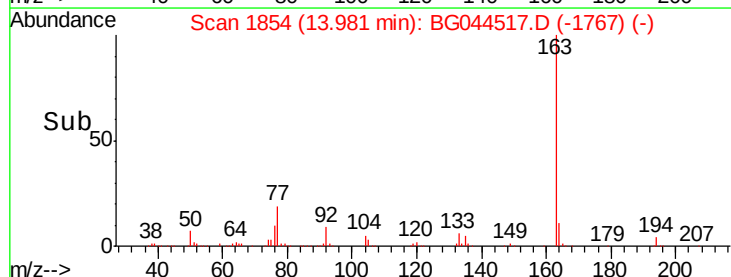
164 11.0 8.7 13.1

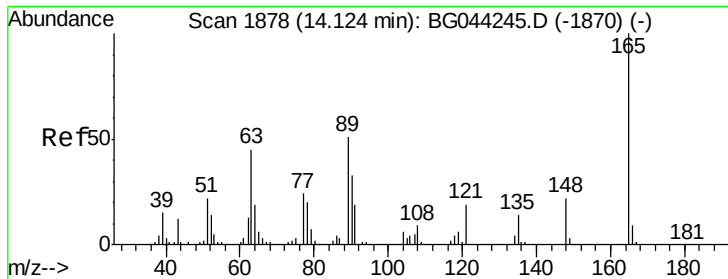


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.645 ng

RT: 14.10 min Scan# 1874

Delta R.T. -0.02 min

Lab File: BG044517.D

Acq: 20 Feb 2020 12:38

Instrument :

BNA_G

ClientSampled :

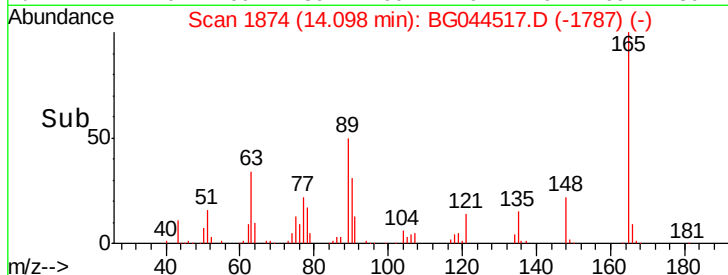
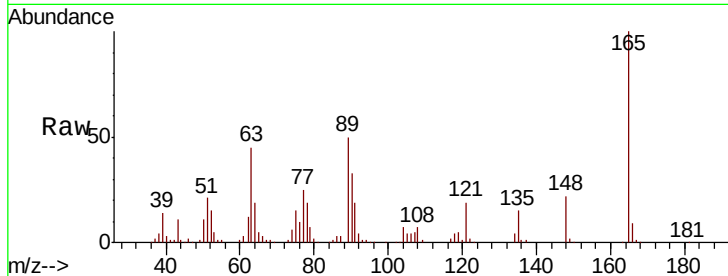
Tot Ion:165 Resp: 151106

Ion Ratio Lower Upper

165 100

63 44.8 38.7 58.1

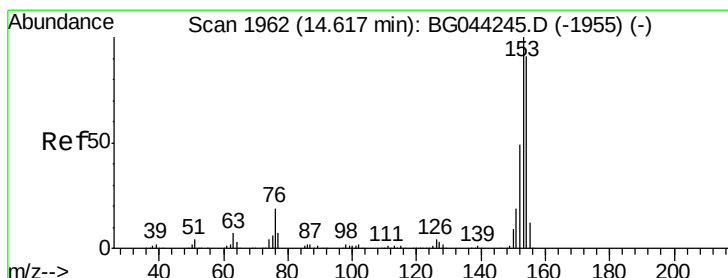
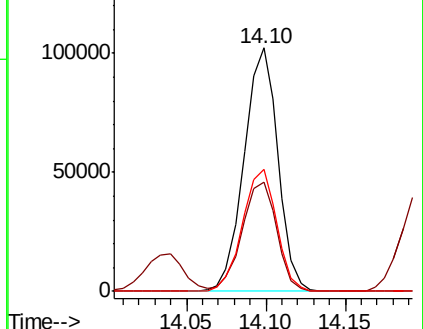
89 50.1 40.4 60.6



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: 41.711 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.02 min

Lab File: BG044517.D

Acq: 20 Feb 2020 12:38

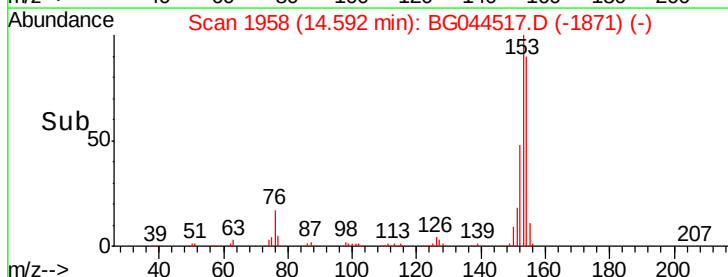
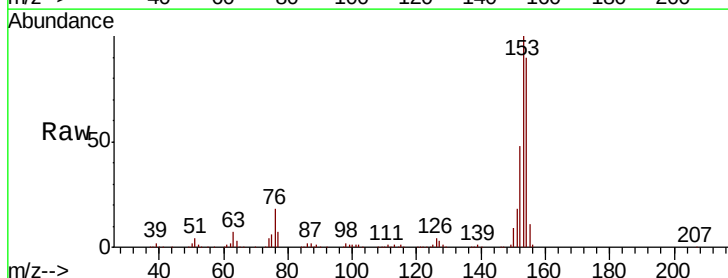
Tgt Ion:154 Resp: 515291

Ion Ratio Lower Upper

154 100

153 111.5 87.9 131.9

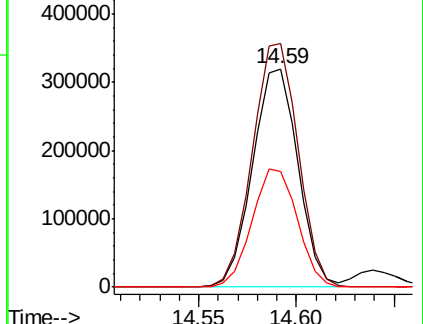
152 53.0 43.1 64.7

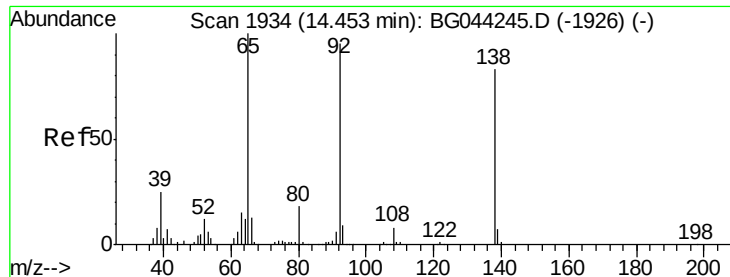


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

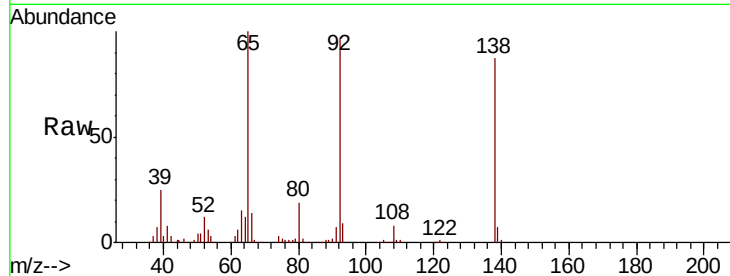




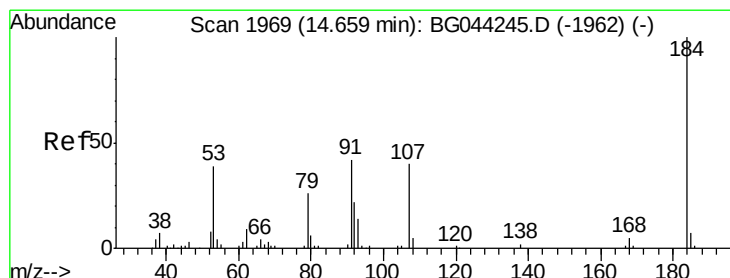
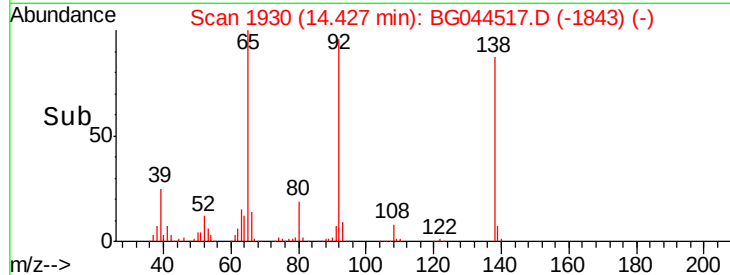
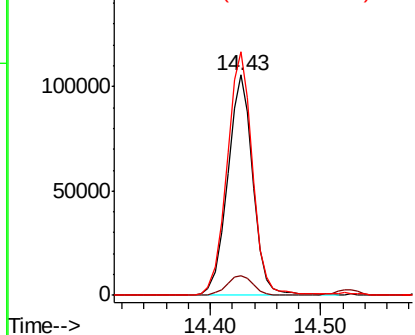
#53
 3-Nitroaniline
 Concen: 42.240 ng
 RT: 14.43 min Scan# 1930
 Delta R.T. -0.02 min
 Lab File: BG044517.D
 Acq: 20 Feb 2020 12:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:138 Resp: 169564
 Ion Ratio Lower Upper
 138 100
 108 9.2 7.9 11.9
 92 110.5 91.0 136.4

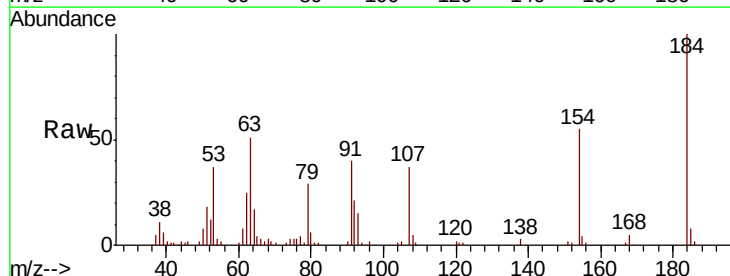


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): E

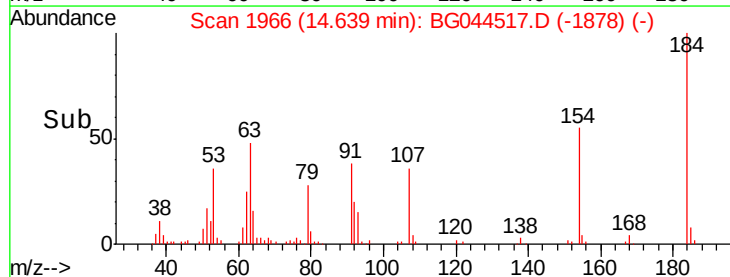
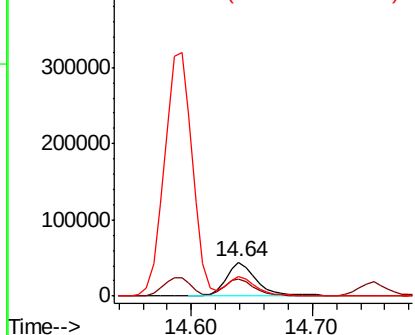


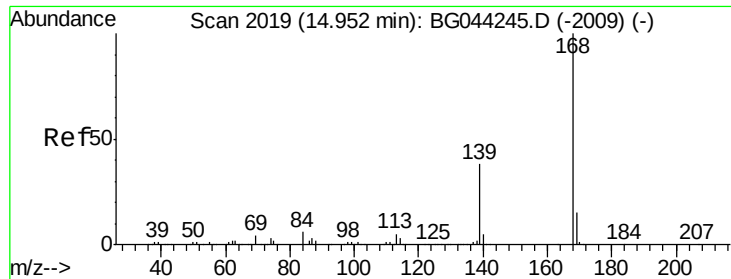
#54
 2,4-Dinitrophenol
 Concen: 40.509 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.01 min
 Lab File: BG044517.D
 Acq: 20 Feb 2020 12:38

Tgt Ion:184 Resp: 78149
 Ion Ratio Lower Upper
 184 100
 63 50.6 44.1 66.1
 154 55.4 45.4 68.0



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

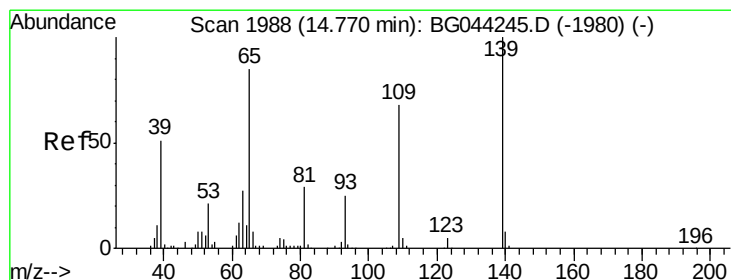
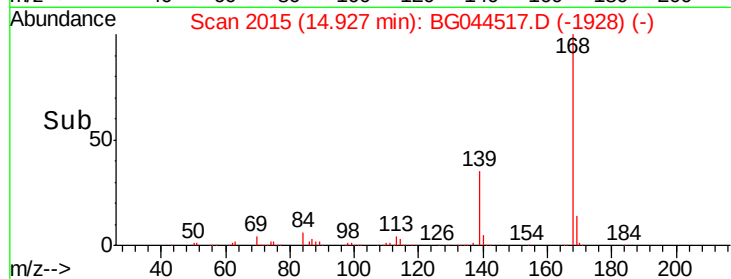
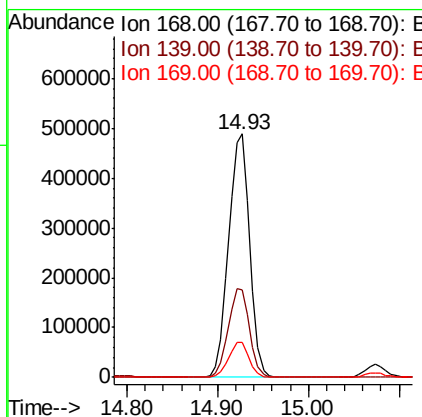
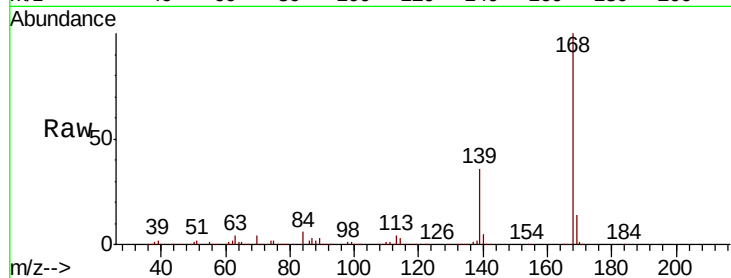




#55
Dibenzofuran
Concen: 42.167 ng
RT: 14.93 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BG044517.D
Acq: 20 Feb 2020 12:38

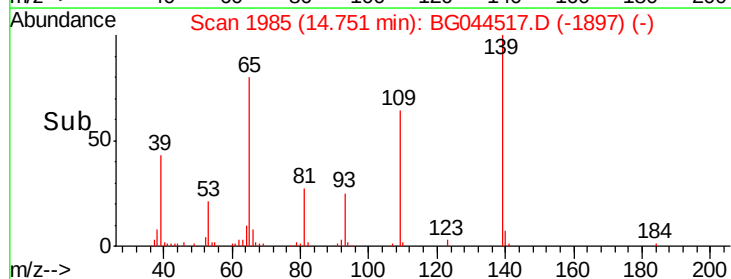
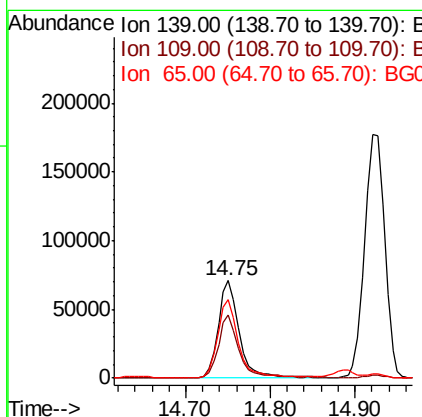
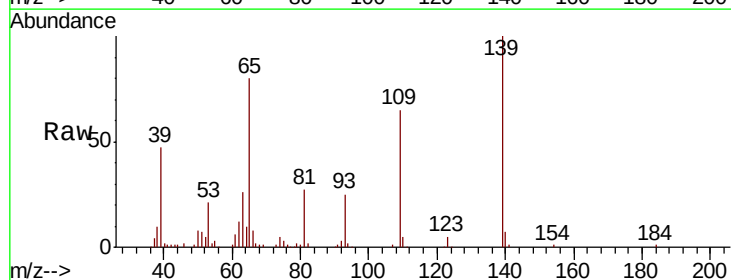
Instrument :
BNA_G
ClientSampleId :

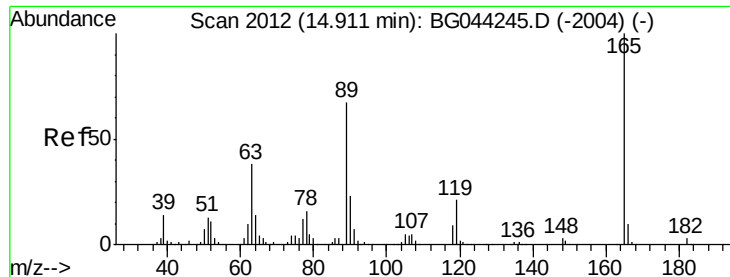
Tot Ion	Ratio	Lower	Upper
168	100		
139	36.0	30.5	45.7
169	14.2	11.7	17.5



#56
4-Nitrophenol
Concen: 42.621 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG044517.D
Acq: 20 Feb 2020 12:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.7	47.5	87.5
65	80.4	64.9	104.9

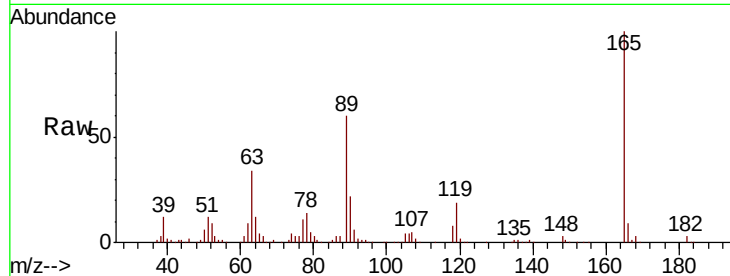




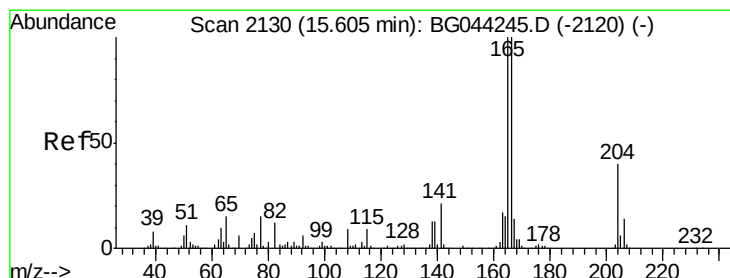
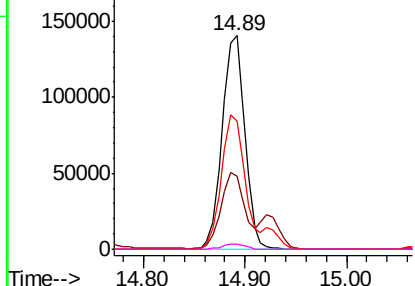
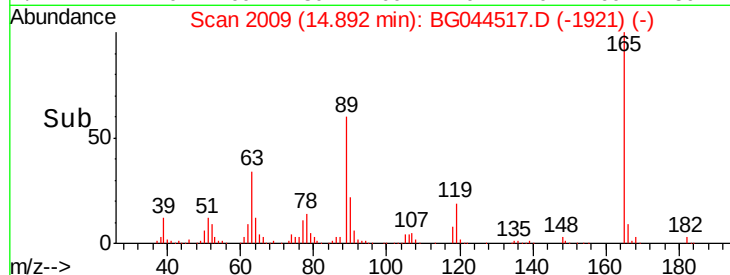
#57
 2,4-Dinitrotoluene
 Concen: 42.936 ng
 RT: 14.89 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BG044517.D
 Acq: 20 Feb 2020 12:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	165	Resp:	218354
Ion	Ratio	Lower	Upper
165	100		
63	34.5	30.3	45.5
89	60.1	53.4	80.2
182	2.6	2.1	3.1

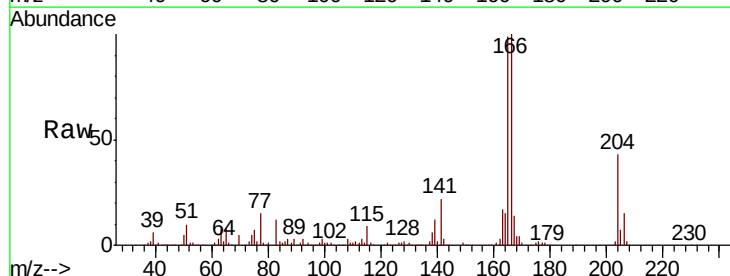


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

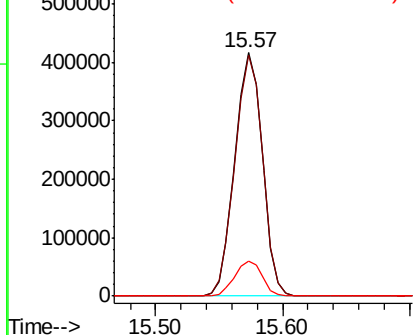
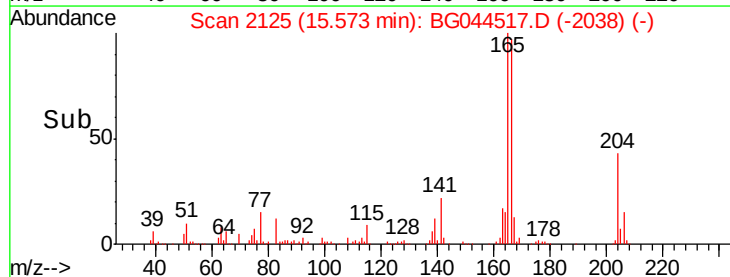


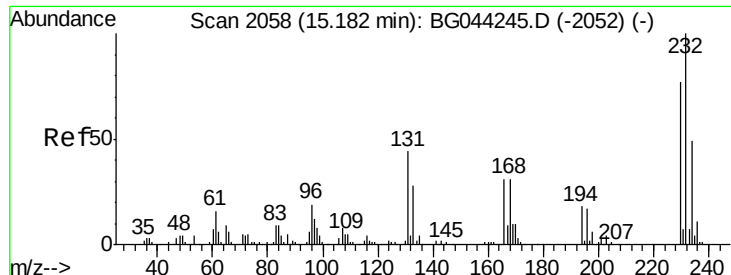
#58
 Fluorene
 Concen: 42.546 ng
 RT: 15.57 min Scan# 2125
 Delta R.T. -0.02 min
 Lab File: BG044517.D
 Acq: 20 Feb 2020 12:38

Tgt Ion:	166	Resp:	626783
Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.9	119.9
167	14.3	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

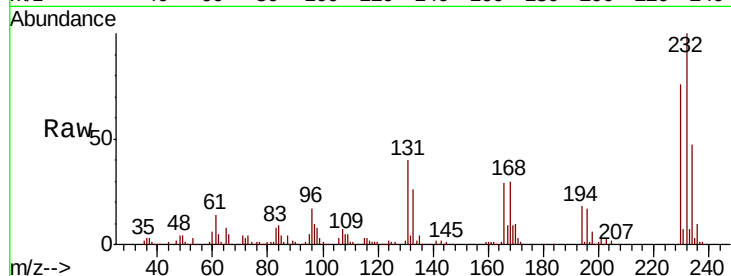




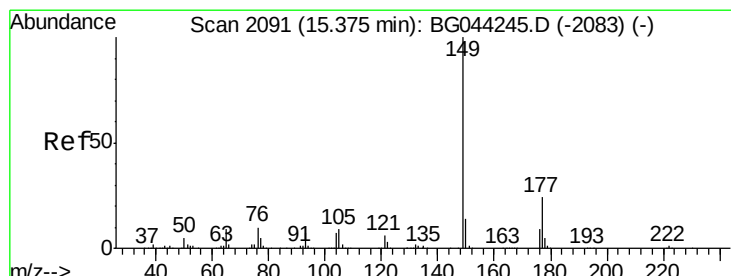
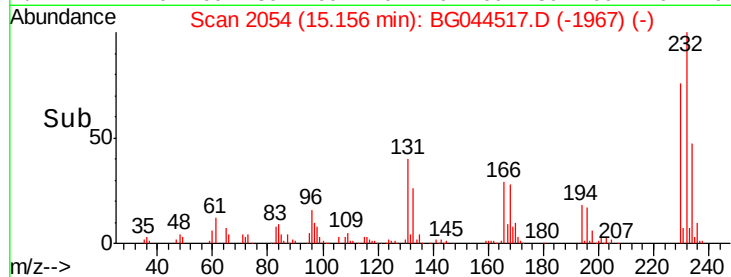
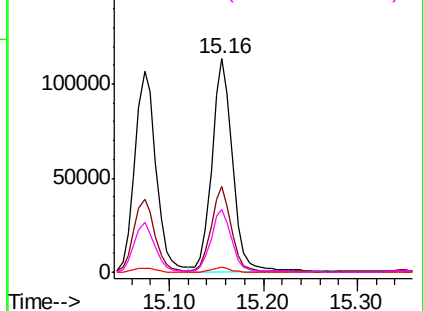
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.294 ng
 RT: 15.16 min Scan# 2054
 Delta R.T. -0.02 min
 Lab File: BG044517.D
 Acq: 20 Feb 2020 12:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	174840
Ion	Ratio	Lower	Upper
232	100		
131	41.2	34.2	51.4
130	2.3	1.8	2.8
166	28.6	23.8	35.8

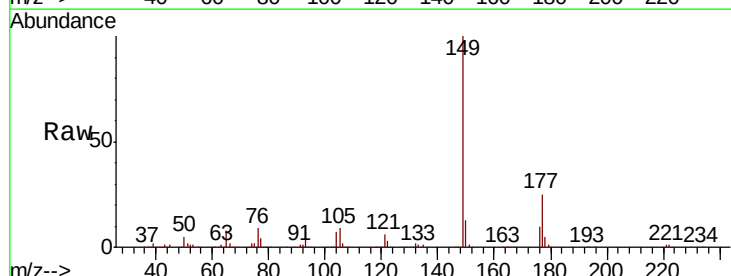


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

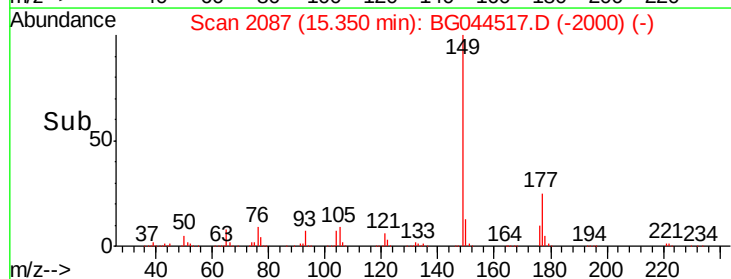
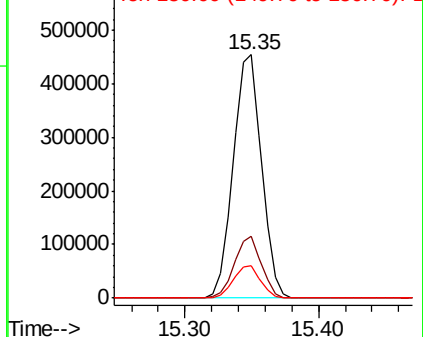


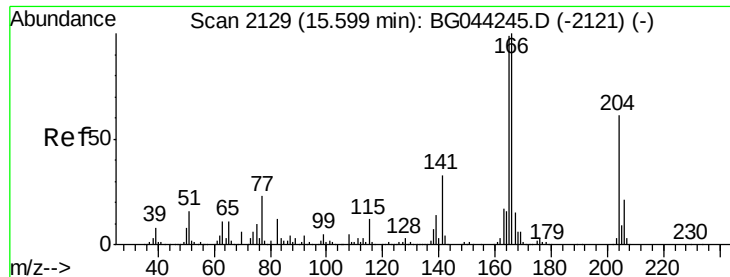
#60
 Diethylphthalate
 Concen: 41.290 ng
 RT: 15.35 min Scan# 2087
 Delta R.T. -0.02 min
 Lab File: BG044517.D
 Acq: 20 Feb 2020 12:38

Tgt Ion:	149	Resp:	669540
Ion	Ratio	Lower	Upper
149	100		
177	25.2	19.4	29.0
150	13.4	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

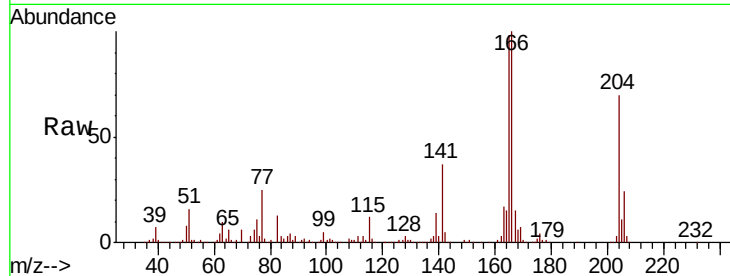




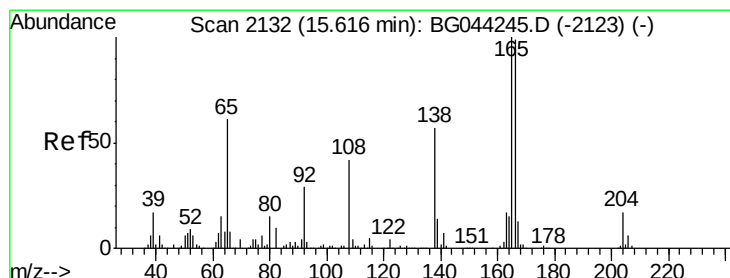
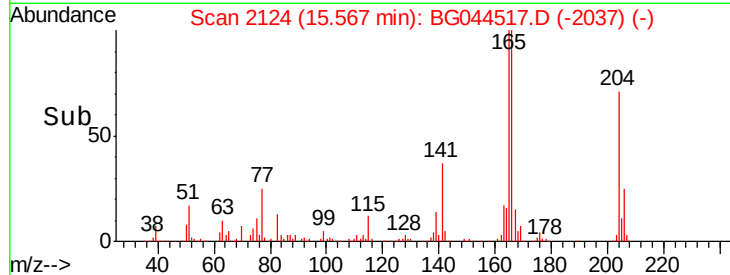
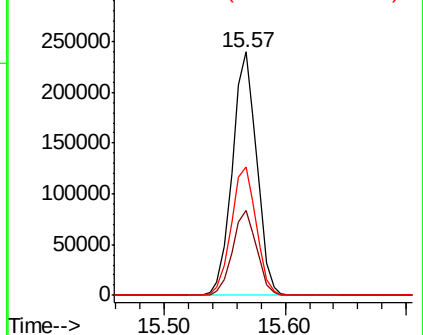
#61
4-Chlorophenyl-phenylether
Concen: 42.042 ng
RT: 15.57 min Scan# 2124
Delta R.T. -0.02 min
Lab File: BG044517.D
Acq: 20 Feb 2020 12:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 335821
Ion Ratio Lower Upper
204 100
206 34.9 27.6 41.4
141 52.8 43.4 65.0

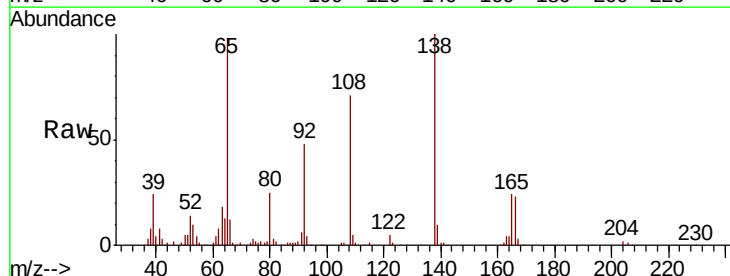


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

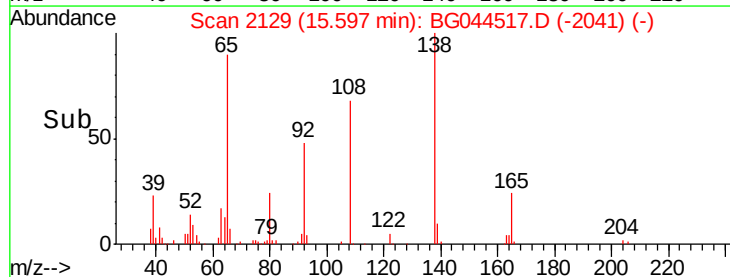
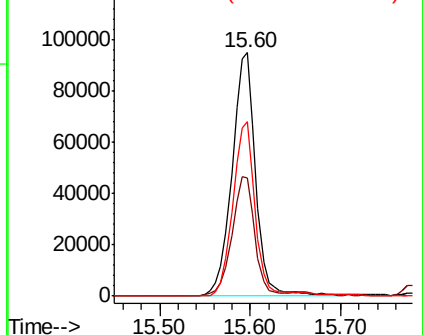


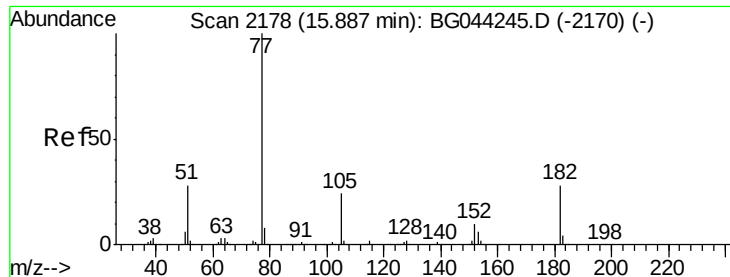
#62
4-Nitroaniline
Concen: 43.082 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG044517.D
Acq: 20 Feb 2020 12:38

Tgt Ion:138 Resp: 172815
Ion Ratio Lower Upper
138 100
92 48.3 31.3 71.3
108 71.4 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

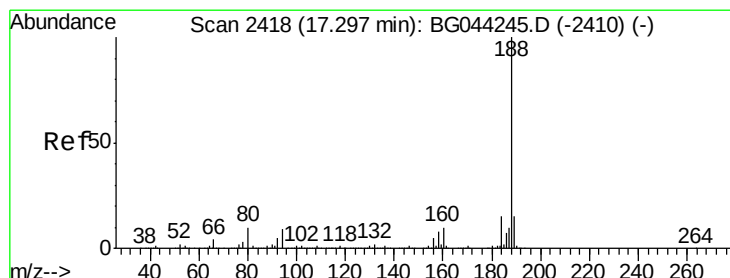
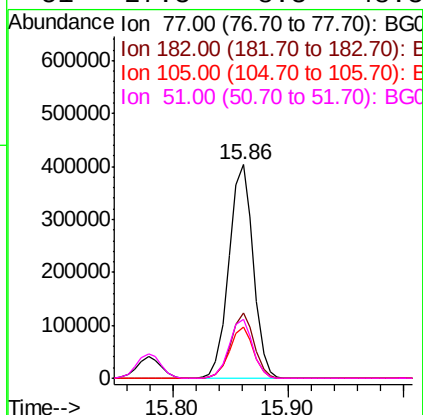
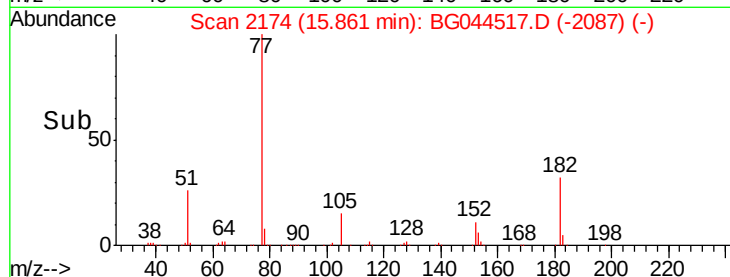
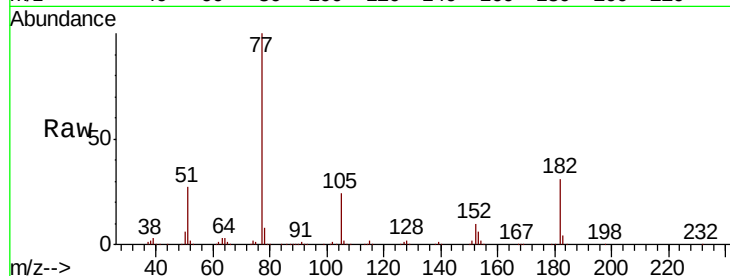




#63
Azobenzene
Concen: 41.010 ng
RT: 15.86 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BG044517.D
Acq: 20 Feb 2020 12:38

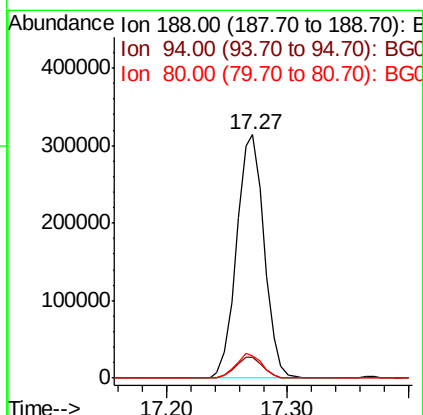
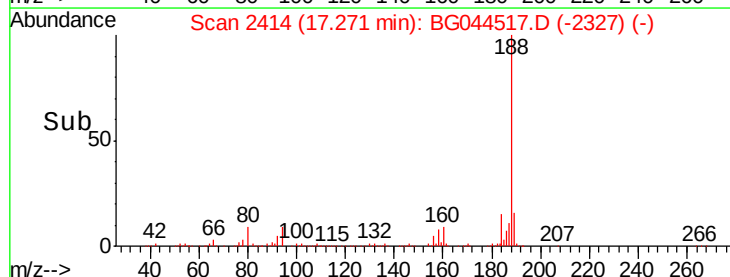
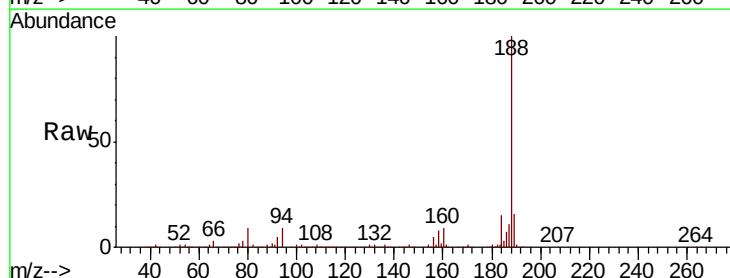
Instrument :
BNA_G
ClientSampleId :

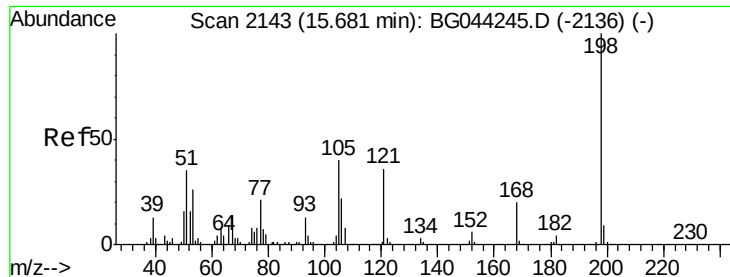
Tot Ion:	77	Resp:	582821
Ion	Ratio	Lower	Upper
77	100		
182	30.6	8.2	48.2
105	23.9	3.6	43.6
51	27.3	8.3	48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.27 min Scan# 2414
Delta R.T. -0.02 min
Lab File: BG044517.D
Acq: 20 Feb 2020 12:38

Tgt Ion:	188	Resp:	497905
Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.4	11.2
80	9.3	7.7	11.5

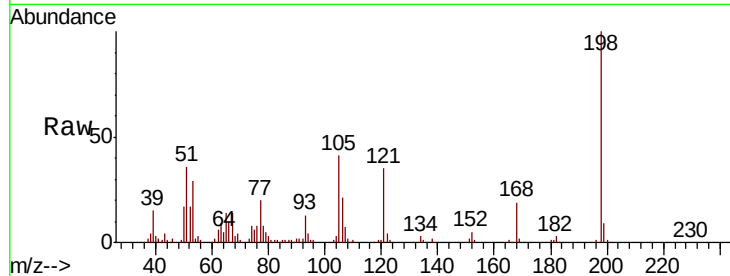




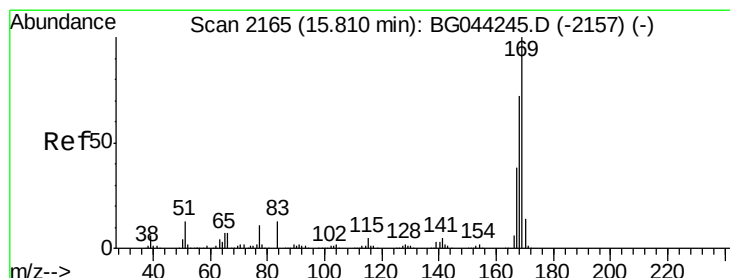
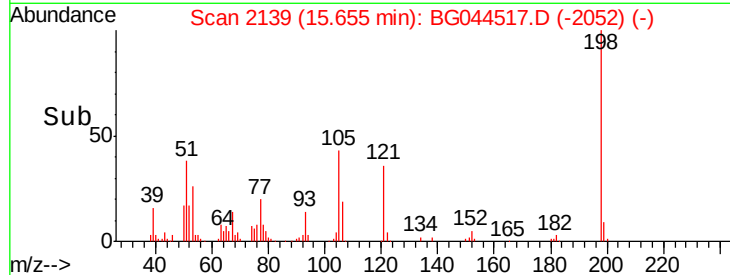
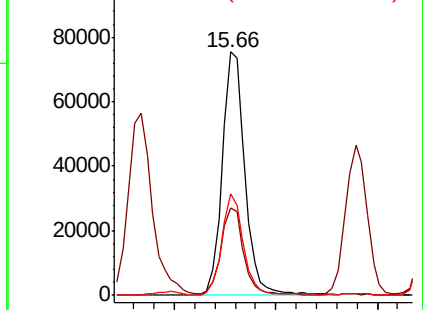
#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.748 ng
 RT: 15.66 min Scan# 2139
 Delta R.T. -0.02 min
 Lab File: BG044517.D
 Acq: 20 Feb 2020 12:38

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
198	100		
51	36.1	16.6	56.6
105	41.5	20.6	60.6

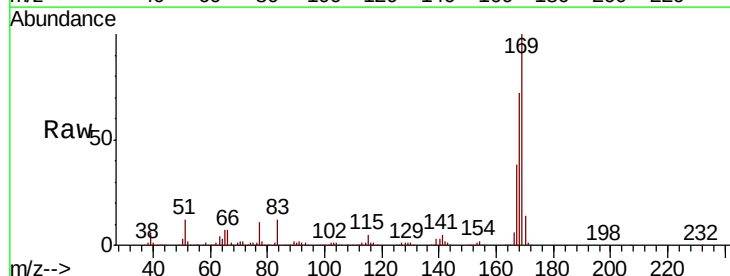


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

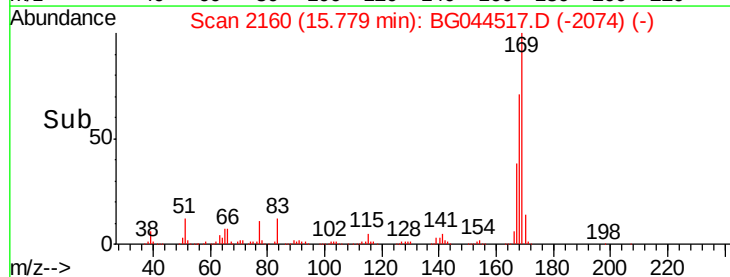
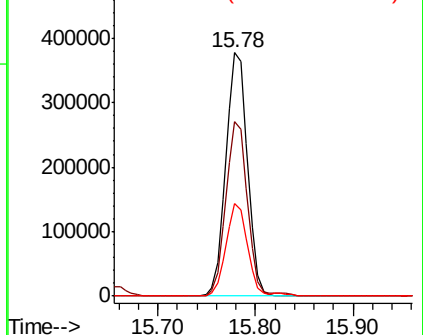


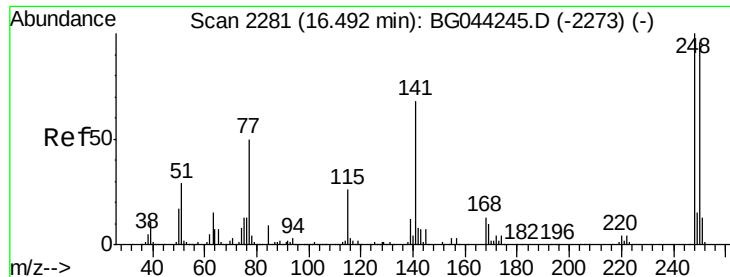
#66
 n-Nitrosodiphenylamine
 Concen: 41.464 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.02 min
 Lab File: BG044517.D
 Acq: 20 Feb 2020 12:38

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.5	57.9	86.9
167	37.9	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

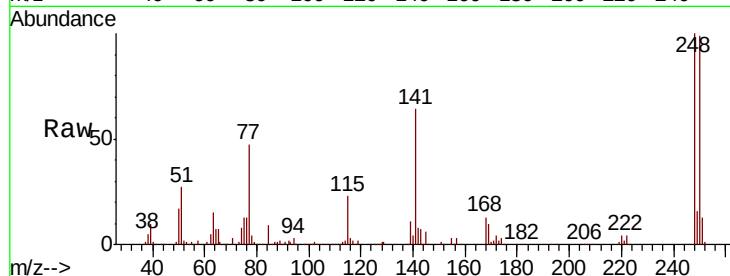




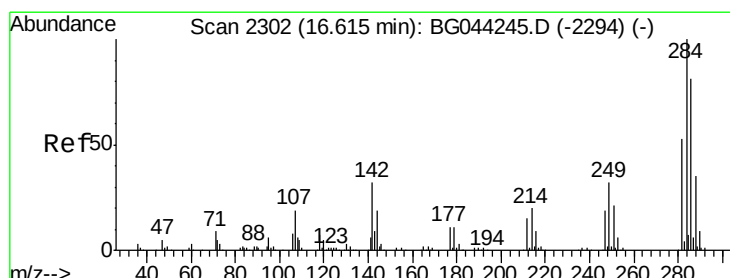
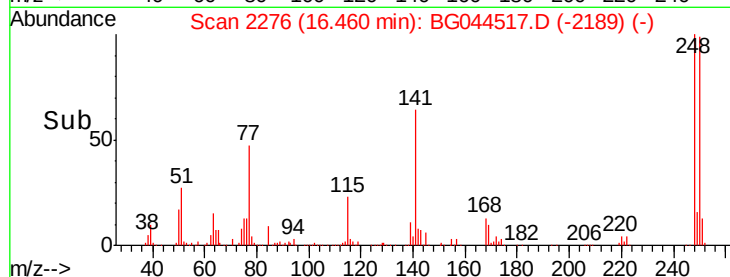
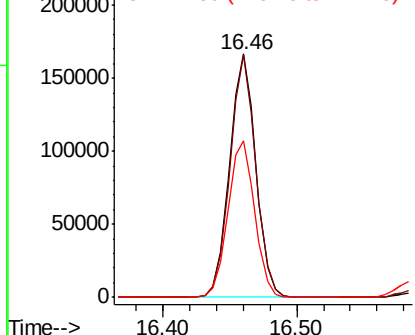
#67
 4-Bromophenyl-phenylether
 Concen: 42.031 ng
 RT: 16.46 min Scan# 2276
 Delta R.T. -0.02 min
 Lab File: BG044517.D
 Acq: 20 Feb 2020 12:38

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 228002
 Ion Ratio Lower Upper
 248 100
 250 99.3 76.6 114.8
 141 64.5 54.7 82.1

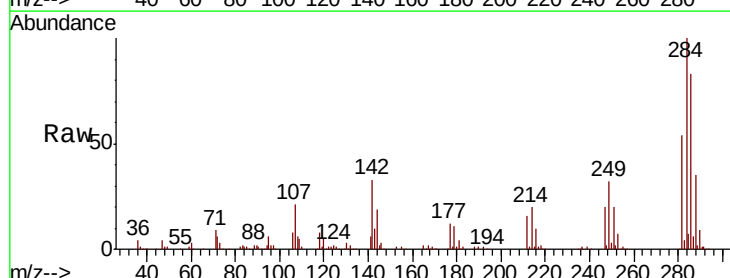


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

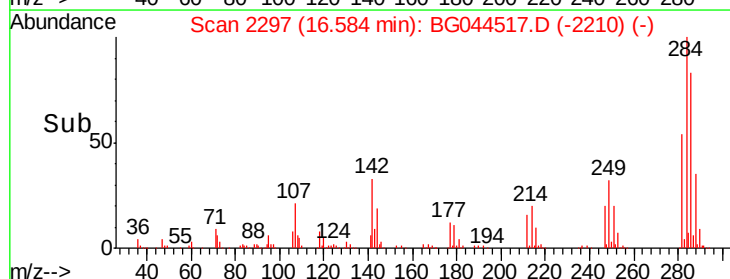
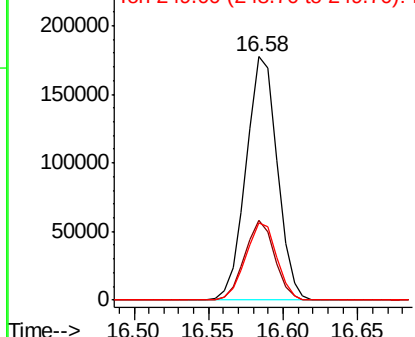


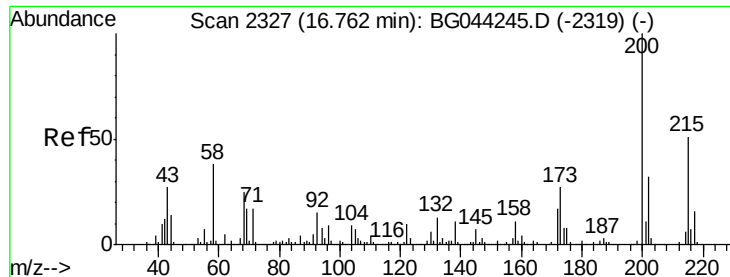
#68
 Hexachlorobenzene
 Concen: 42.243 ng
 RT: 16.58 min Scan# 2297
 Delta R.T. -0.02 min
 Lab File: BG044517.D
 Acq: 20 Feb 2020 12:38

Tgt Ion:284 Resp: 256727
 Ion Ratio Lower Upper
 284 100
 142 32.6 25.3 37.9
 249 31.7 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: 38.407 ng

RT: 16.73 min Scan# 2322

Delta R.T. -0.02 min

Lab File: BG044517.D

Acq: 20 Feb 2020 12:38

Instrument :

BNA_G

ClientSampleId :

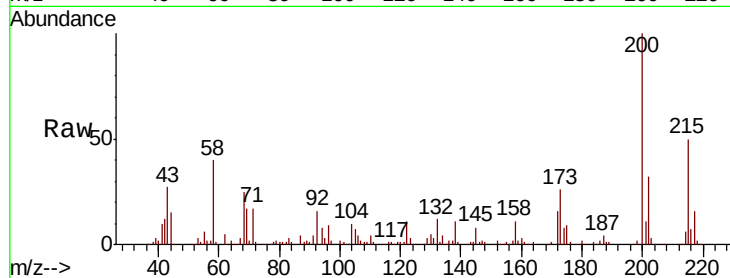
Tot Ion:200 Resp: 183686

Ion Ratio Lower Upper

200 100

173 26.2 6.6 46.6

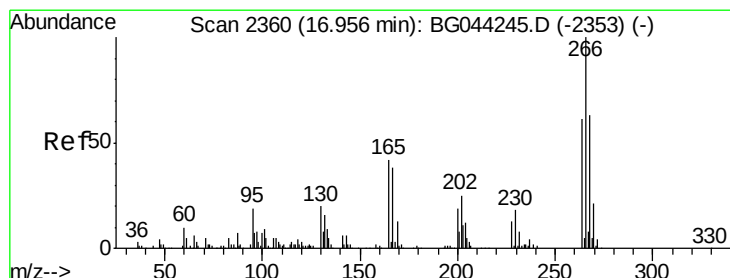
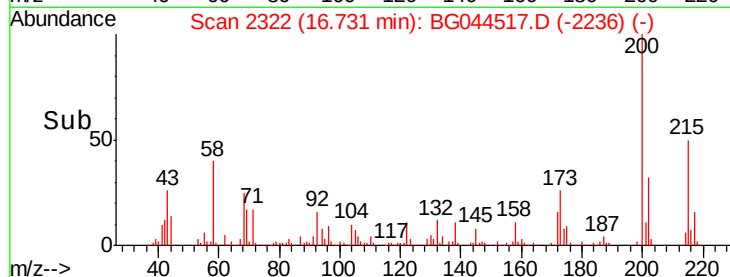
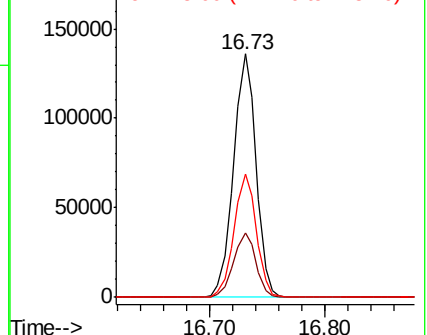
215 50.4 31.0 71.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 40.304 ng

RT: 16.93 min Scan# 2356

Delta R.T. -0.02 min

Lab File: BG044517.D

Acq: 20 Feb 2020 12:38

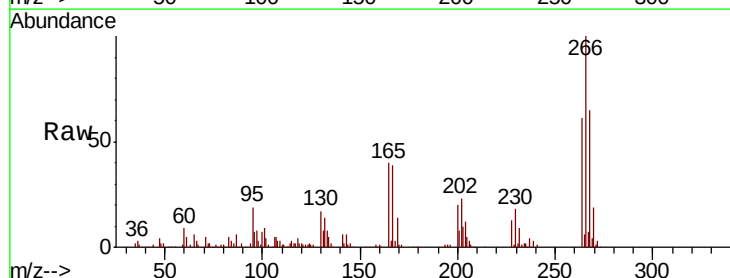
Tgt Ion:266 Resp: 118876

Ion Ratio Lower Upper

266 100

268 65.0 50.6 75.8

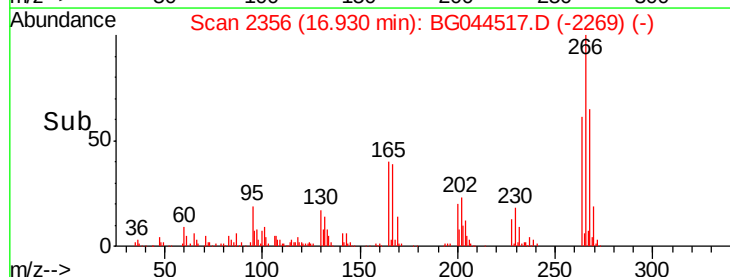
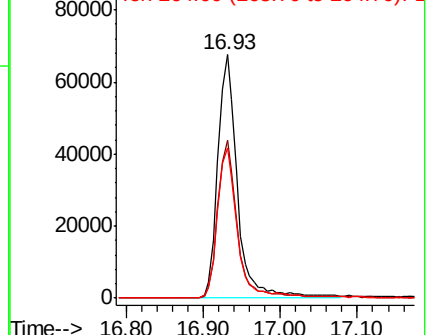
264 61.4 48.7 73.1

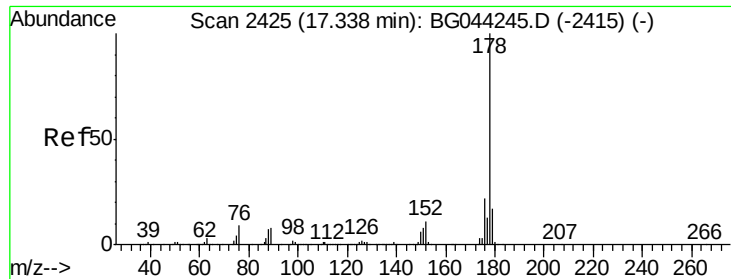


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

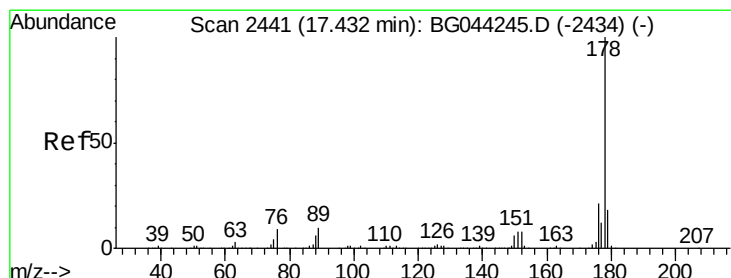
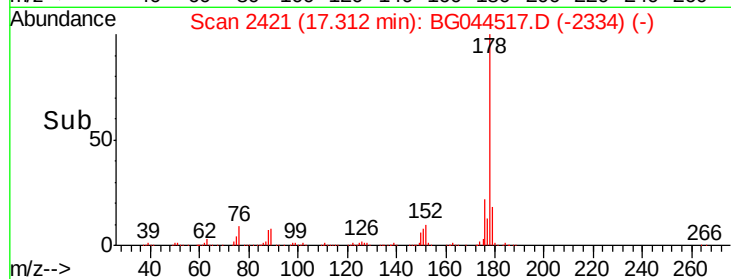
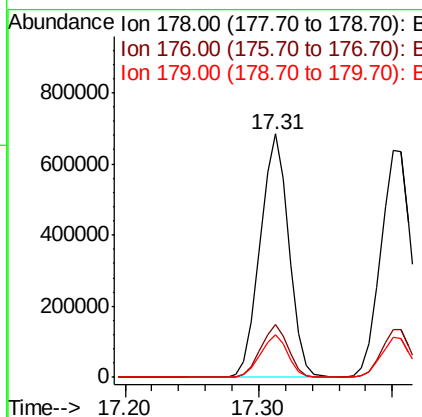
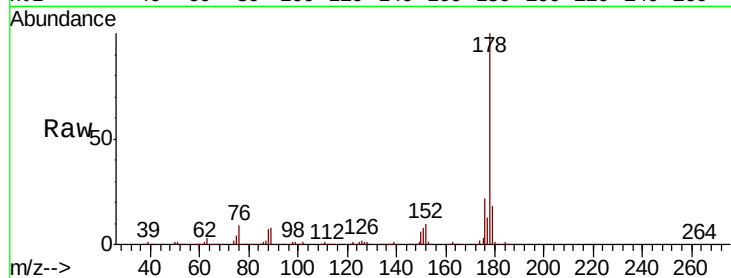




#71
Phenanthrene
Concen: 41.925 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG044517.D
Acq: 20 Feb 2020 12:38

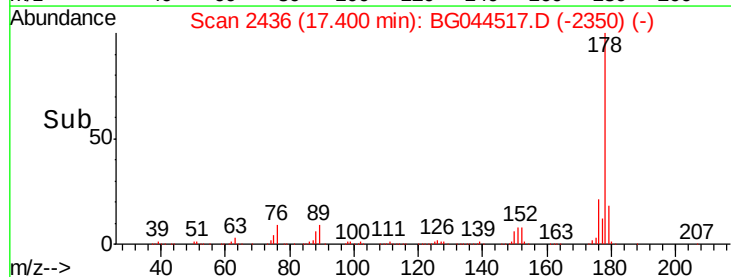
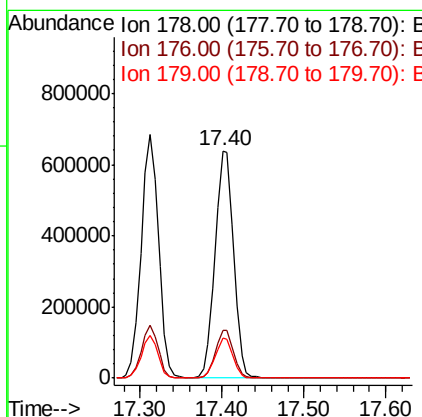
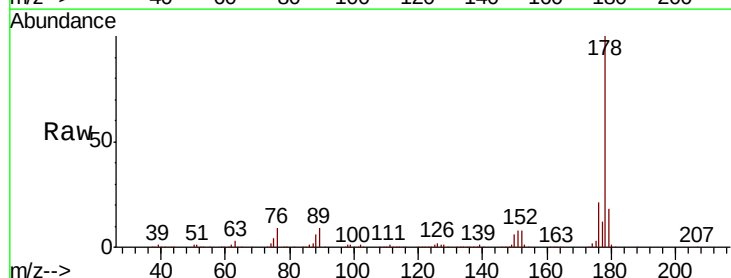
Instrument :
BNA_G
ClientSampleId :

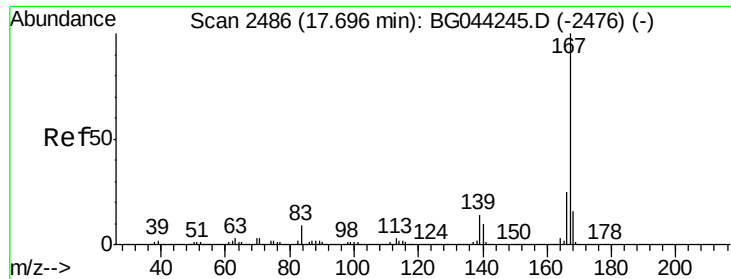
Tot Ion:178 Resp: 1010814
Ion Ratio Lower Upper
178 100
176 21.7 17.7 26.5
179 17.8 13.7 20.5



#72
Anthracene
Concen: 42.452 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.02 min
Lab File: BG044517.D
Acq: 20 Feb 2020 12:38

Tgt Ion:178 Resp: 1011919
Ion Ratio Lower Upper
178 100
176 20.8 17.0 25.4
179 17.5 14.4 21.6





#73

Carbazole

Concen: 42.276 ng

RT: 17.67 min Scan# 2482

Delta R.T. -0.02 min

Lab File: BG044517.D

Acq: 20 Feb 2020 12:38

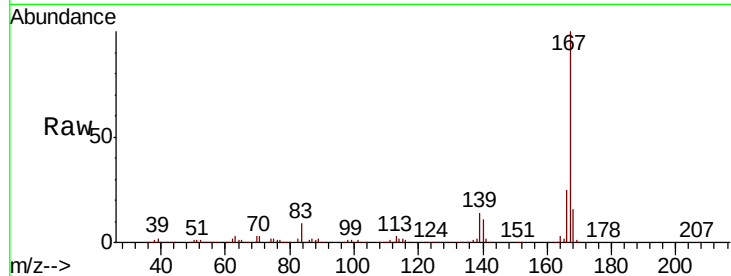
Instrument :

BNA_G

ClientSampleId :

Tot Ion:167 Resp: 929003

Ion	Ratio	Lower	Upper
167	100		
166	25.2	19.8	29.6
139	14.3	11.1	16.7

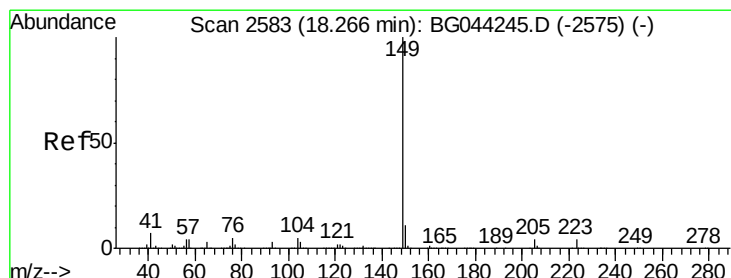
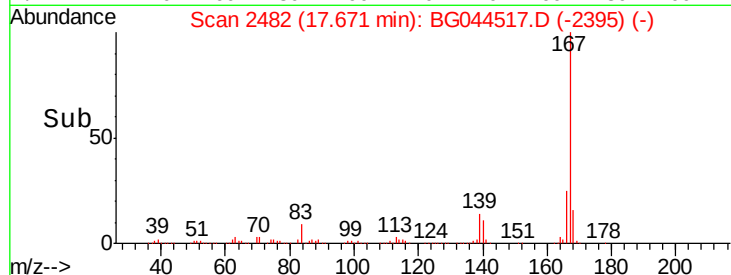
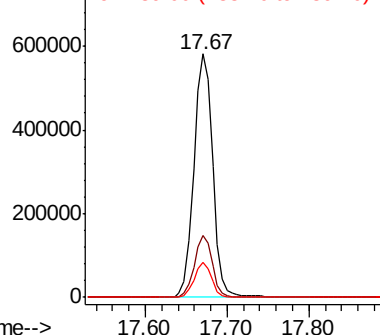


Abundance

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: 42.178 ng

RT: 18.23 min Scan# 2578

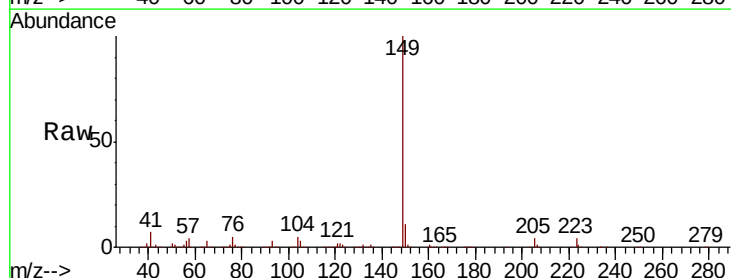
Delta R.T. -0.02 min

Lab File: BG044517.D

Acq: 20 Feb 2020 12:38

Tgt Ion:149 Resp: 1145373

Ion	Ratio	Lower	Upper
149	100		
150	10.8	8.7	13.1
104	5.1	4.3	6.5

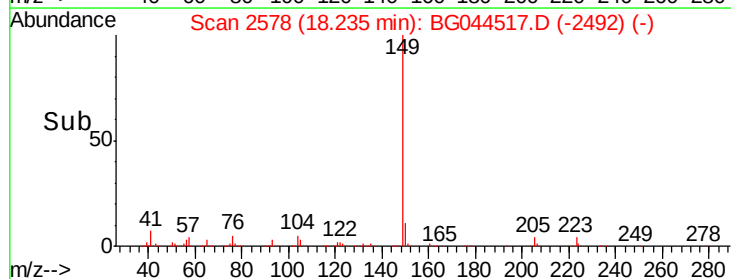
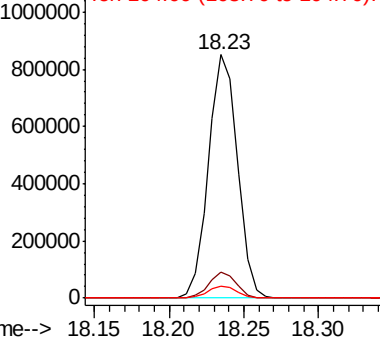


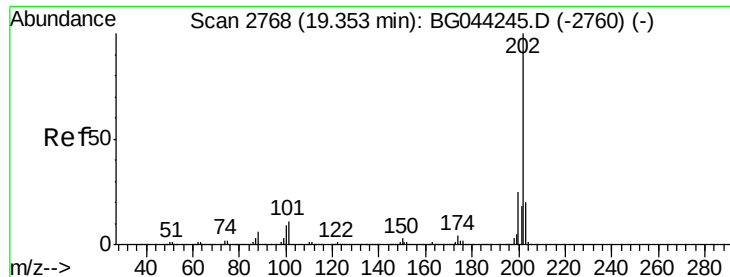
Abundance

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: 43.219 ng

RT: 19.32 min Scan# 2763

Delta R.T. -0.02 min

Lab File: BG044517.D

Acq: 20 Feb 2020 12:38

Instrument :

BNA_G

ClientSampleId :

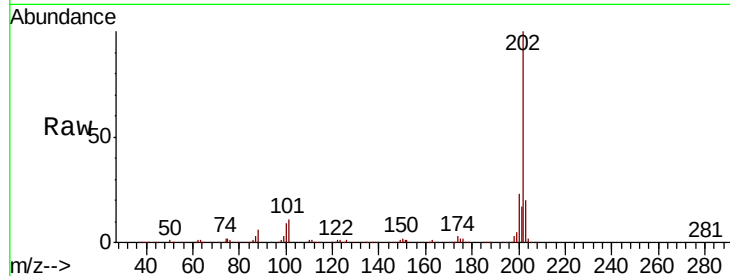
Tot Ion:202 Resp: 1205416

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.3

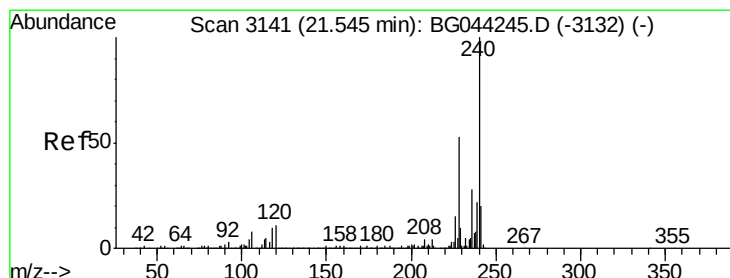
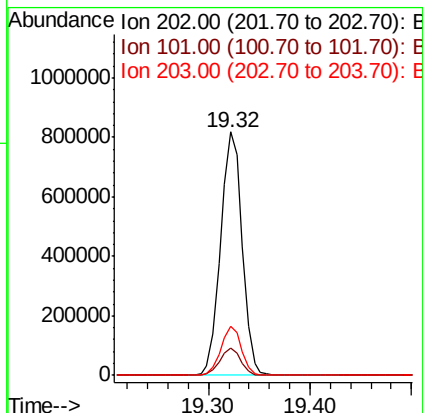
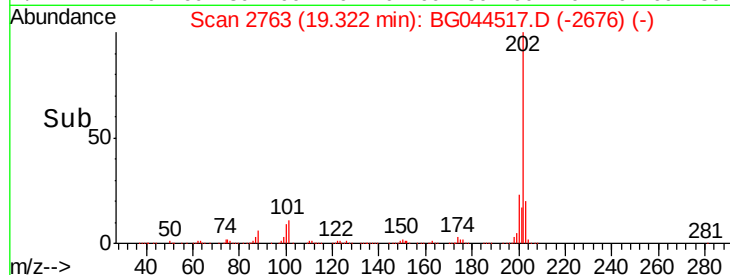
203 20.1 0.0 39.9



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# 3136

Delta R.T. -0.02 min

Lab File: BG044517.D

Acq: 20 Feb 2020 12:38

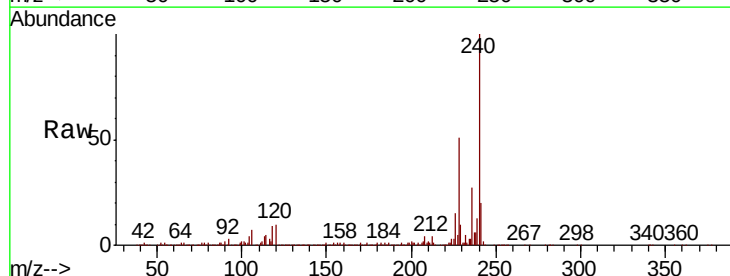
Tgt Ion:240 Resp: 479422

Ion Ratio Lower Upper

240 100

120 10.1 8.4 12.6

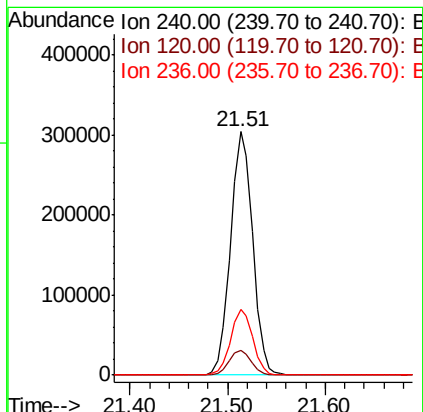
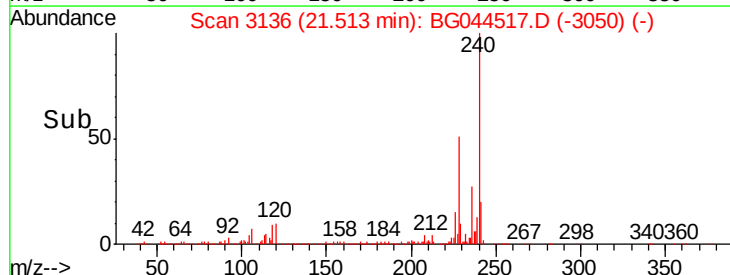
236 27.0 22.1 33.1

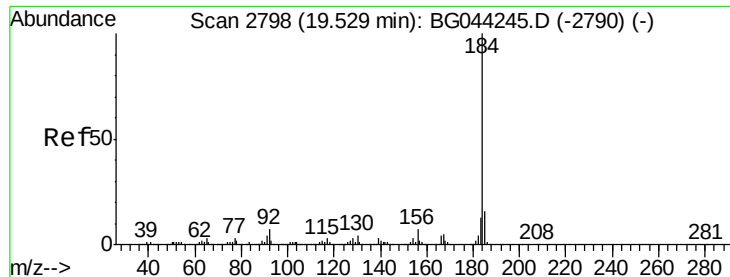


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.787 ng

RT: 19.50 min Scan# 2794

Delta R.T. -0.02 min

Lab File: BG044517.D

Acq: 20 Feb 2020 12:38

Instrument :

BNA_G

ClientSampled :

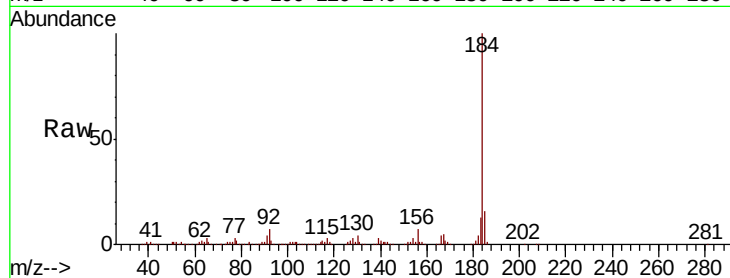
Tot Ion:184 Resp: 595573

Ion Ratio Lower Upper

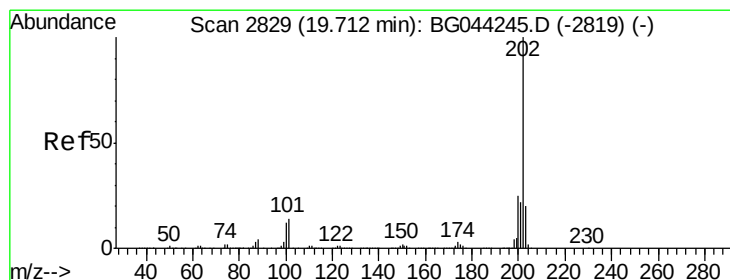
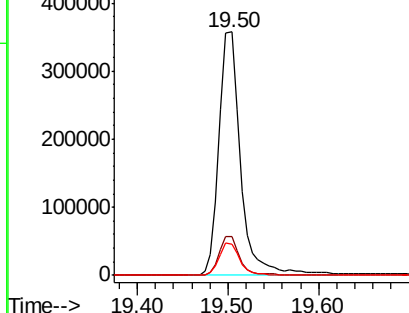
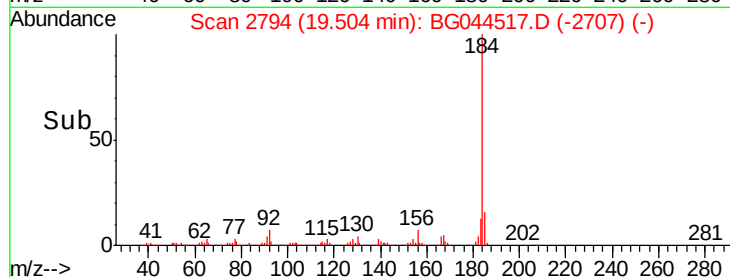
184 100

185 15.8 12.9 19.3

183 12.9 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: 39.145 ng

RT: 19.69 min Scan# 2825

Delta R.T. -0.02 min

Lab File: BG044517.D

Acq: 20 Feb 2020 12:38

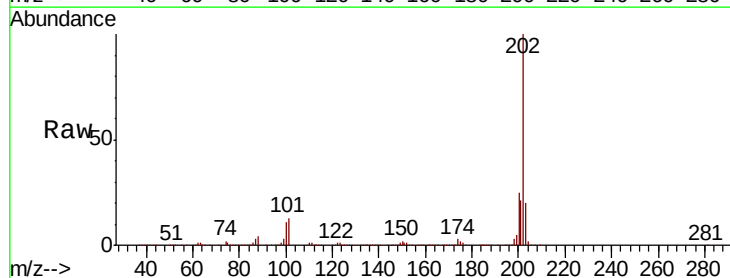
Tgt Ion:202 Resp: 1205229

Ion Ratio Lower Upper

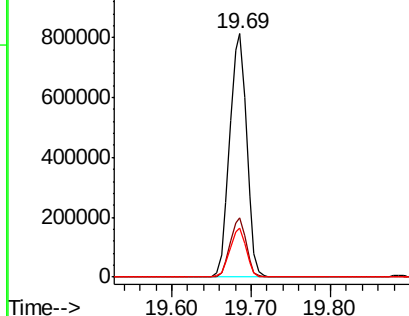
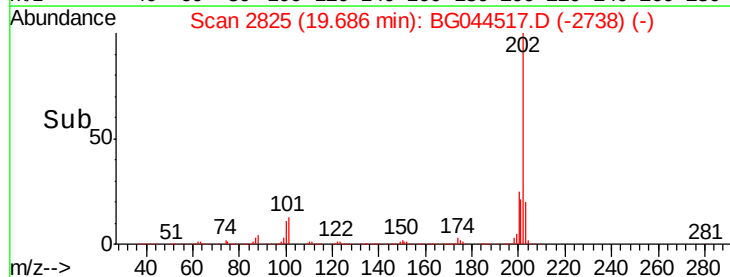
202 100

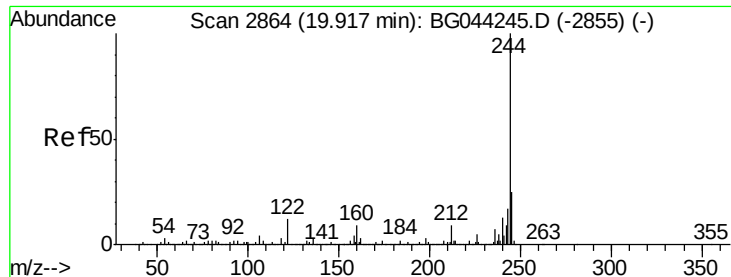
200 24.6 20.0 30.0

203 20.3 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: 73.146 ng

RT: 19.89 min Scan# 2859

Delta R.T. -0.02 min

Lab File: BG044517.D

Acq: 20 Feb 2020 12:38

Instrument :

BNA_G

ClientSampleId :

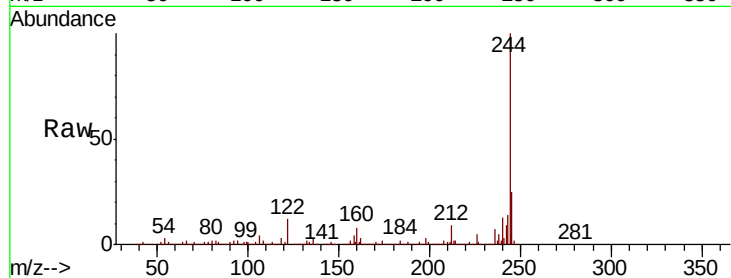
Tot Ion:244 Resp: 1704904

Ion Ratio Lower Upper

244 100

212 9.0 7.4 11.2

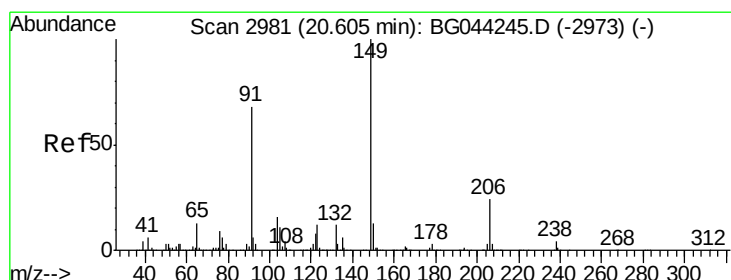
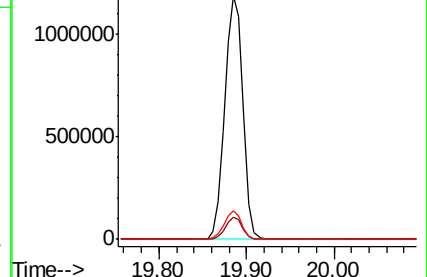
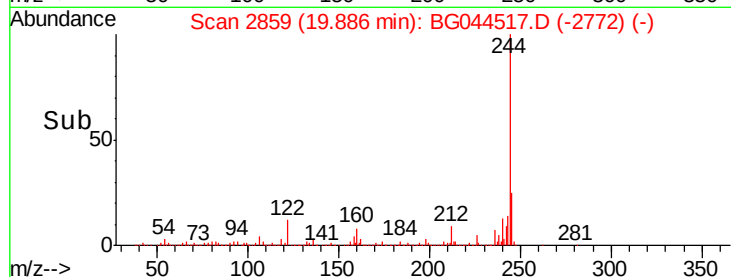
122 12.0 9.8 14.6



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: 39.025 ng

RT: 20.57 min Scan# 2976

Delta R.T. -0.02 min

Lab File: BG044517.D

Acq: 20 Feb 2020 12:38

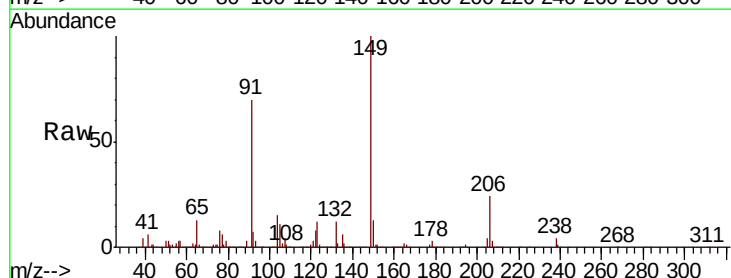
Tgt Ion:149 Resp: 547548

Ion Ratio Lower Upper

149 100

91 69.6 54.5 81.7

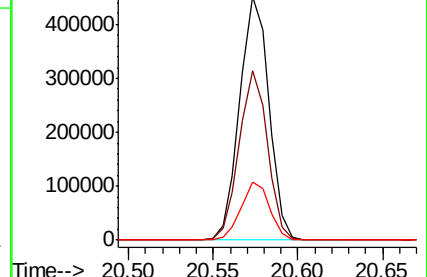
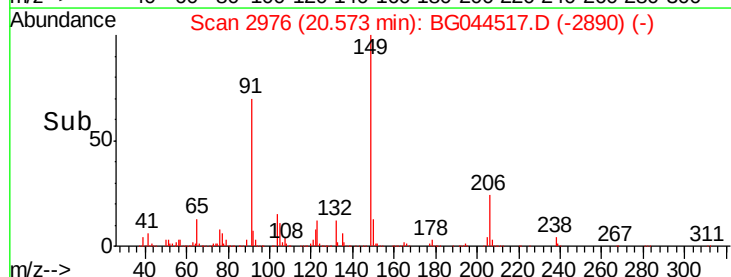
206 23.8 19.1 28.7

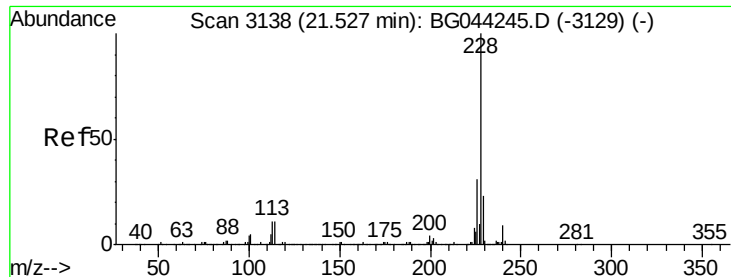


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.743 ng

RT: 21.50 min Scan# 3133

Delta R.T. -0.02 min

Lab File: BG044517.D

Acq: 20 Feb 2020 12:38

Instrument :

BNA_G

ClientSampleId :

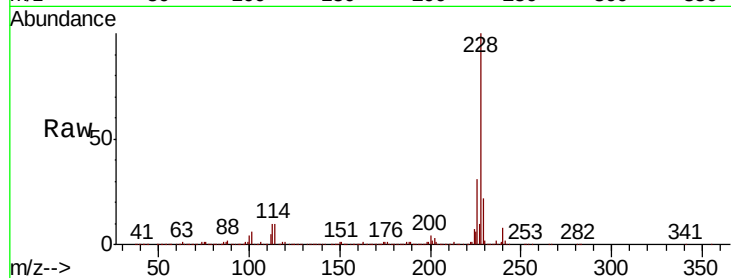
Tot Ion:228 Resp: 1174301

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.7	37.1
229	22.4	18.2	27.4

228 100

226 30.7 24.7 37.1

229 22.4 18.2 27.4

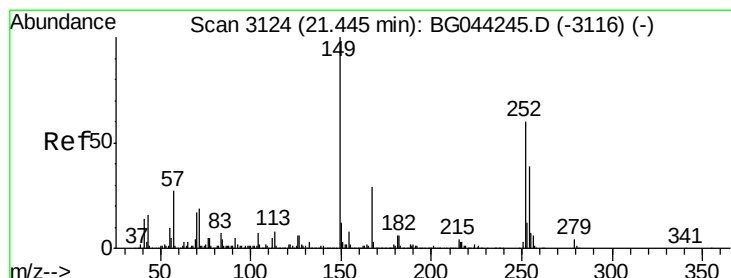
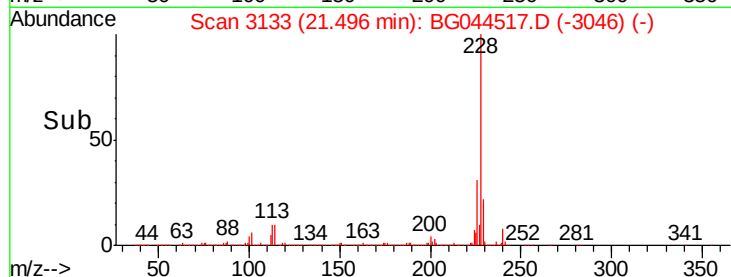
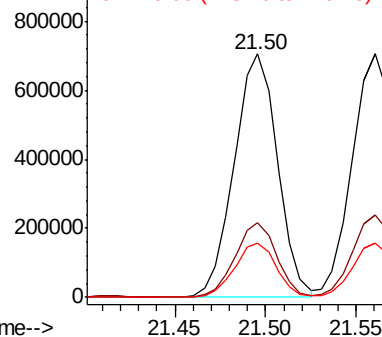


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.457 ng

RT: 21.41 min Scan# 3119

Delta R.T. -0.02 min

Lab File: BG044517.D

Acq: 20 Feb 2020 12:38

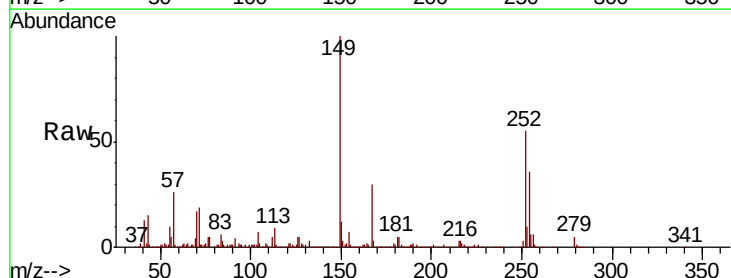
Tgt Ion:252 Resp: 475409

Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.6	78.8
126	9.7	8.2	12.4

252 100

254 65.3 52.6 78.8

126 9.7 8.2 12.4

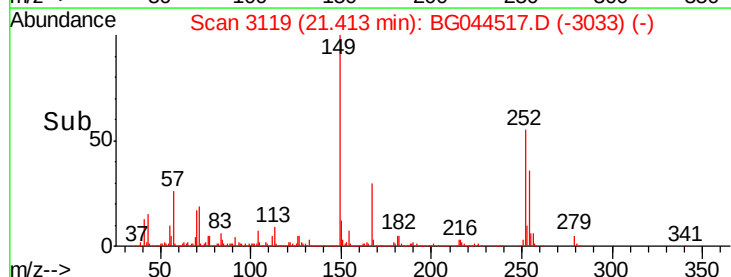
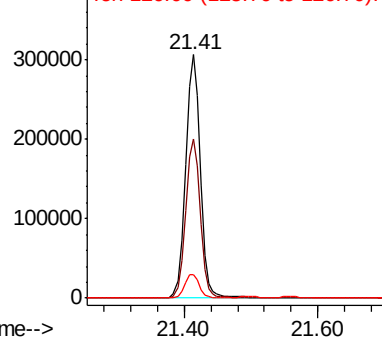


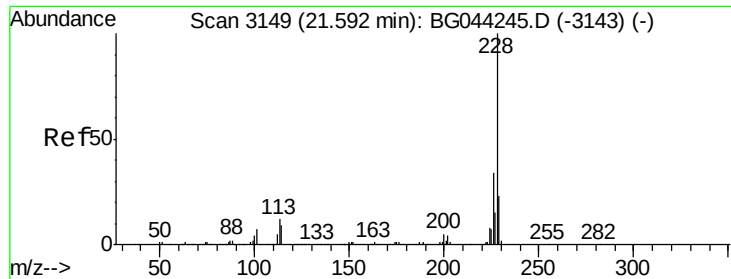
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.845 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG044517.D

Acq: 20 Feb 2020 12:38

Instrument :

BNA_G

ClientSampleId :

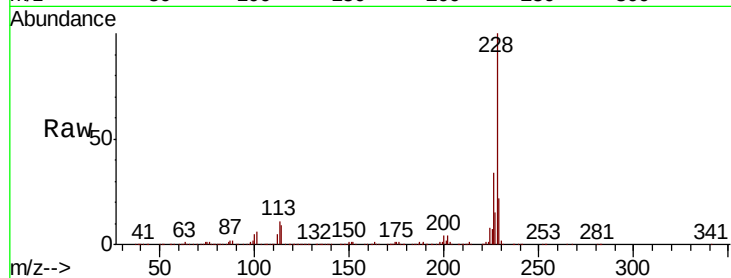
Tot Ion:228 Resp: 1137969

Ion Ratio Lower Upper

228 100

226 33.7 27.1 40.7

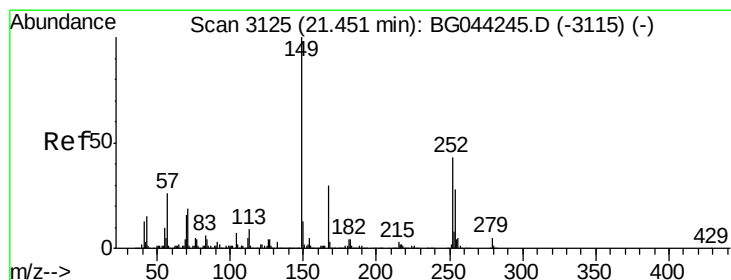
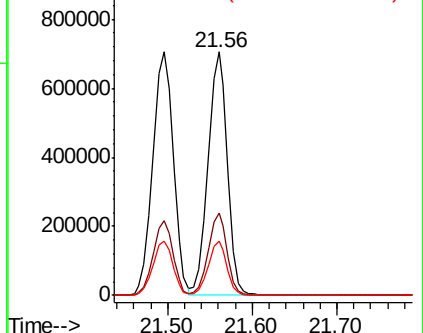
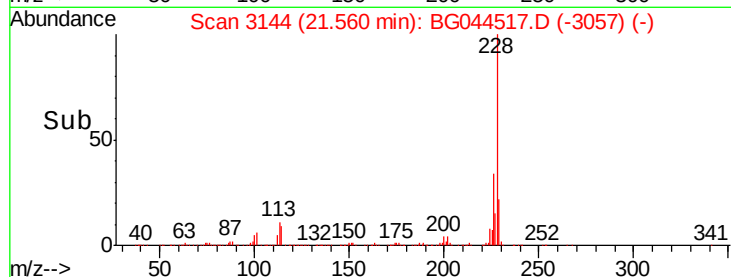
229 22.3 17.9 26.9



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: 38.290 ng

RT: 21.41 min Scan# 3119

Delta R.T. -0.02 min

Lab File: BG044517.D

Acq: 20 Feb 2020 12:38

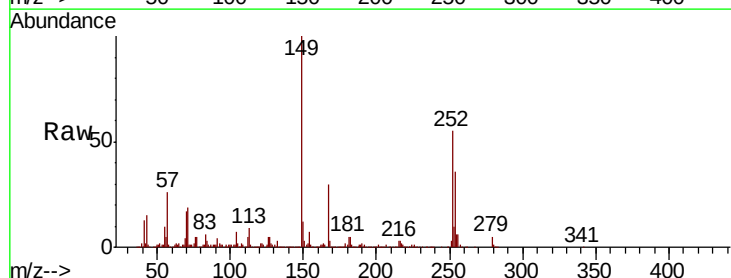
Tgt Ion:149 Resp: 739465

Ion Ratio Lower Upper

149 100

167 30.1 24.0 36.0

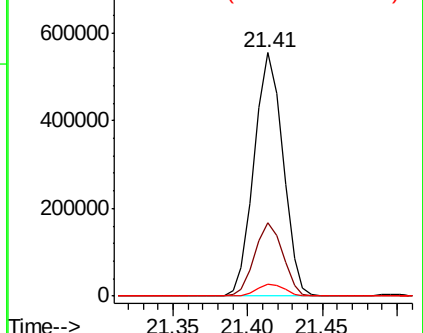
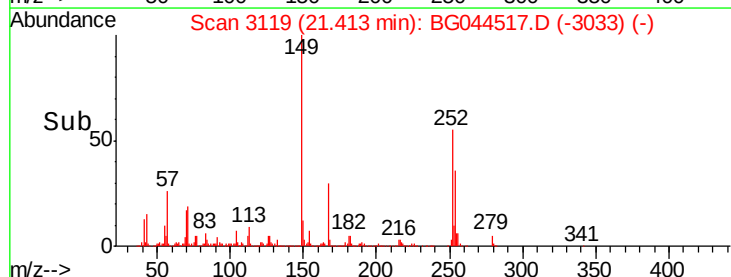
279 5.0 3.8 5.8

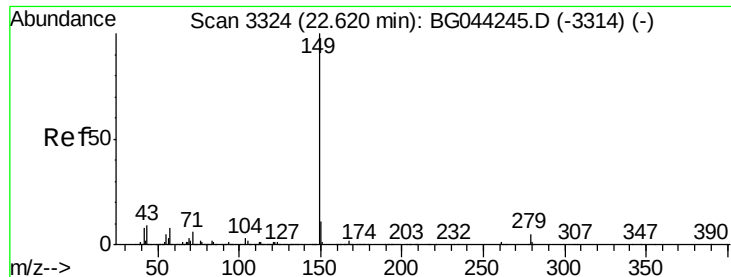


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.689 ng

RT: 22.57 min Scan# 3316

Delta R.T. -0.04 min

Lab File: BG044517.D

Acq: 20 Feb 2020 12:38

Instrument :

BNA_G

ClientSampleId :

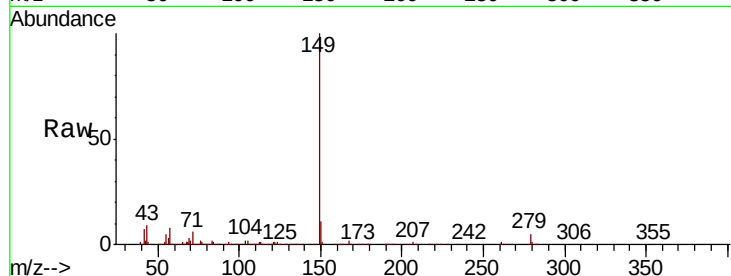
Tot Ion:149 Resp: 1326197

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

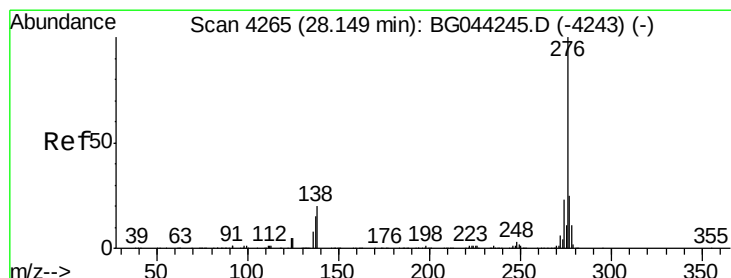
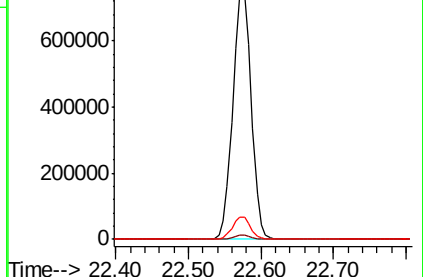
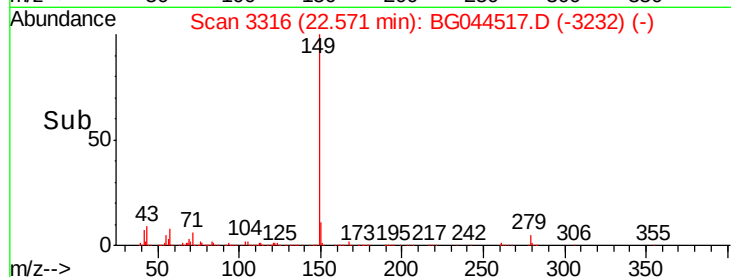
43 8.7 7.4 11.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.833 ng

RT: 28.08 min Scan# 4254

Delta R.T. -0.04 min

Lab File: BG044517.D

Acq: 20 Feb 2020 12:38

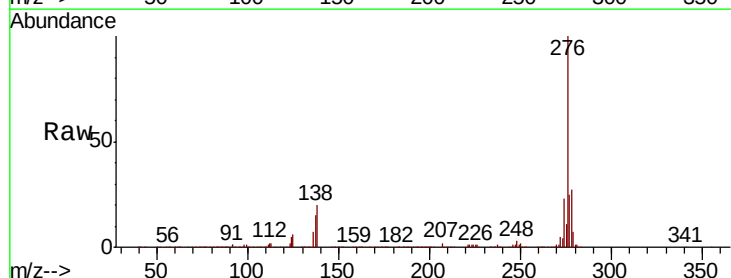
Tgt Ion:276 Resp: 1484208

Ion Ratio Lower Upper

276 100

138 23.2 19.4 29.0

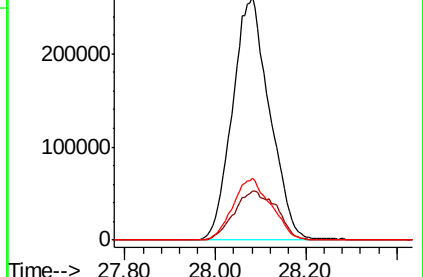
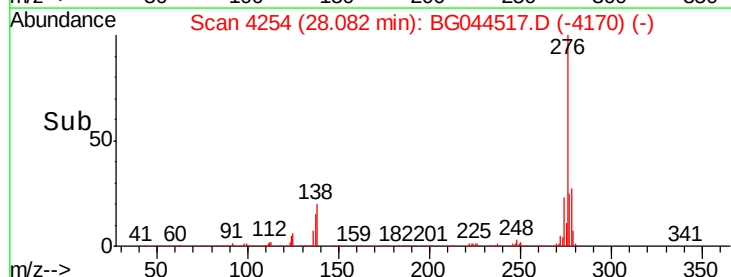
277 26.3 21.0 31.6

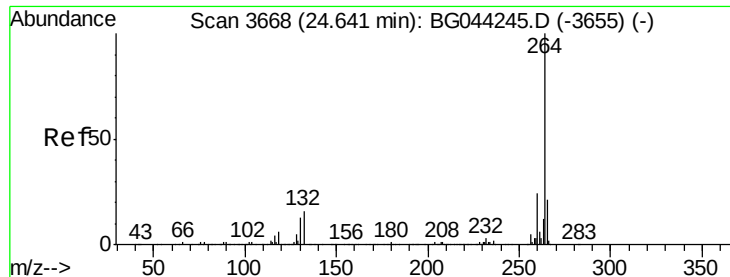


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

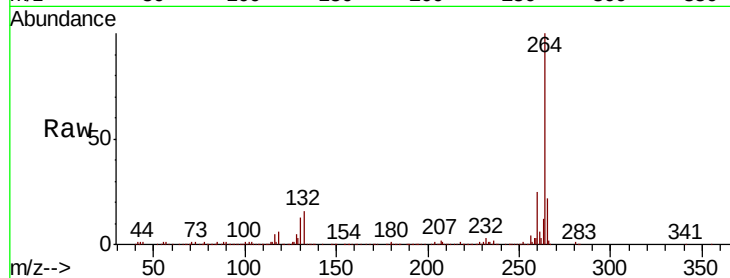




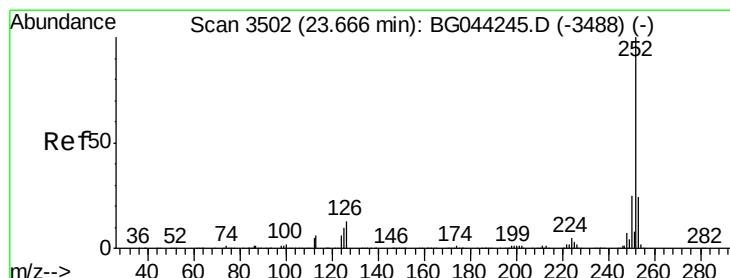
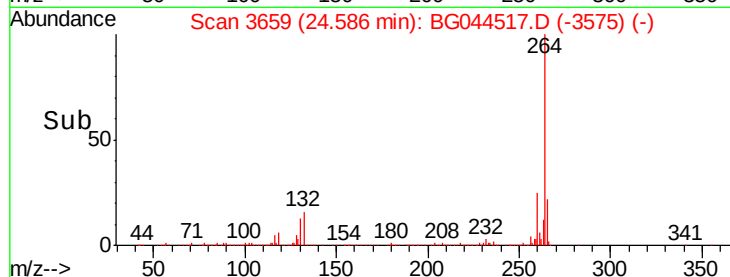
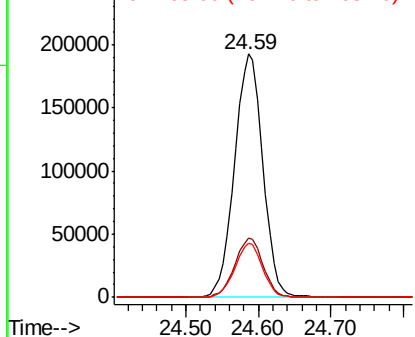
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.59 min Scan# 3659
Delta R.T. -0.04 min
Lab File: BG044517.D
Acq: 20 Feb 2020 12:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 521492
Ion Ratio Lower Upper
264 100
260 24.6 19.4 29.2
265 22.2 16.7 25.1

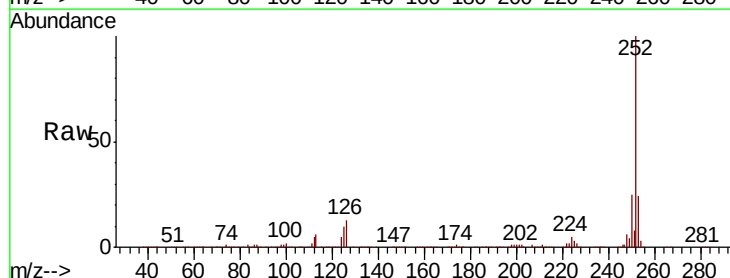


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

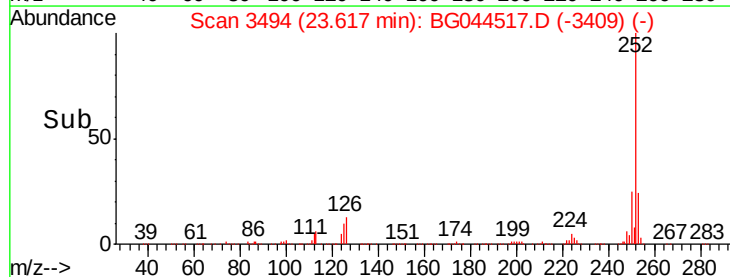
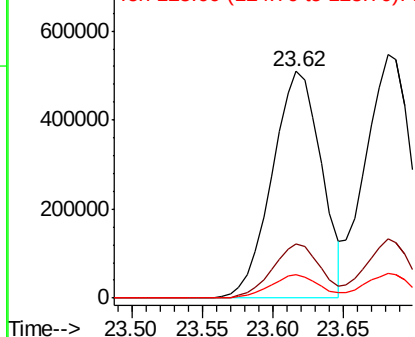


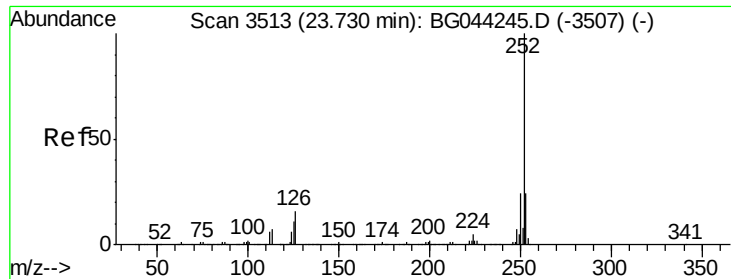
#88
Benzo(b)fluoranthene
Concen: 41.253 ng
RT: 23.62 min Scan# 3494
Delta R.T. -0.03 min
Lab File: BG044517.D
Acq: 20 Feb 2020 12:38

Tgt Ion:252 Resp: 1239658
Ion Ratio Lower Upper
252 100
253 23.8 19.2 28.8
125 10.2 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

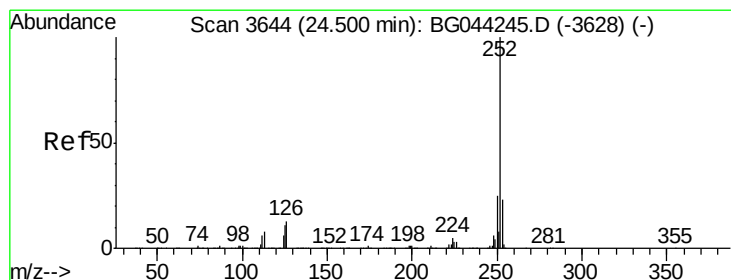
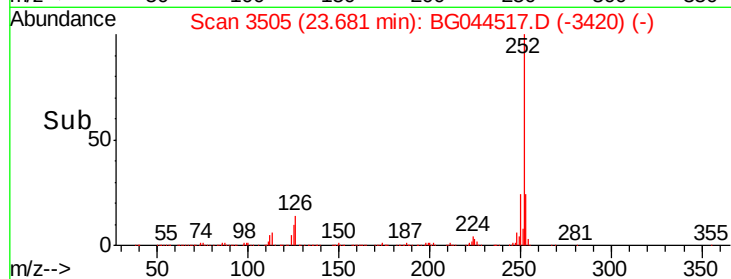
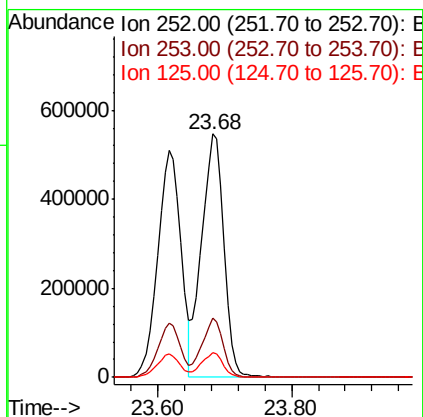
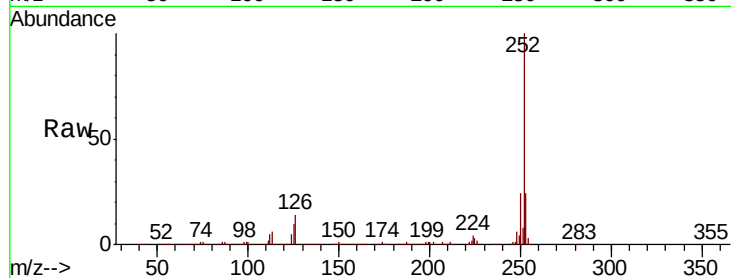




#89
Benzo(k)fluoranthene
Concen: 42.890 ng
RT: 23.68 min Scan# 3505
Delta R.T. -0.03 min
Lab File: BG044517.D
Acq: 20 Feb 2020 12:38

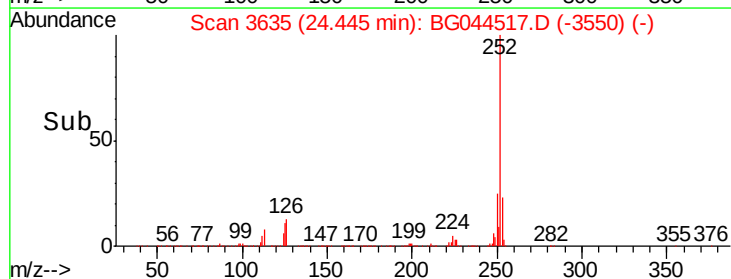
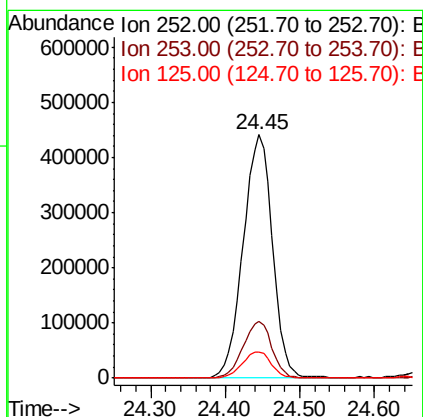
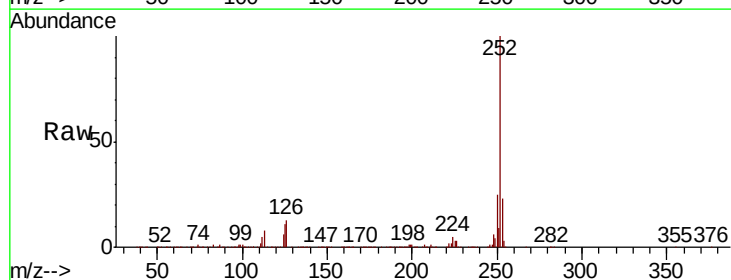
Instrument :
BNA_G
ClientSampleId :

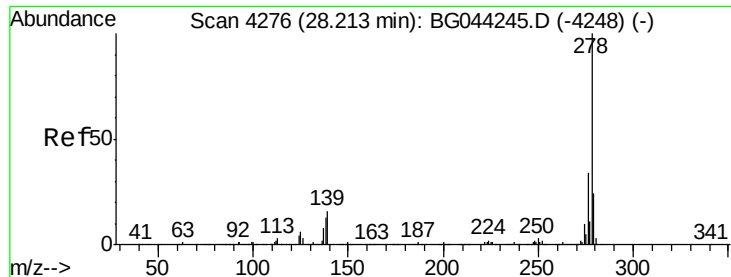
Tot Ion:252 Resp: 1256157
Ion Ratio Lower Upper
252 100
253 24.1 19.1 28.7
125 10.2 8.6 12.8



#90
Benzo(a)pyrene
Concen: 42.378 ng
RT: 24.45 min Scan# 3635
Delta R.T. -0.03 min
Lab File: BG044517.D
Acq: 20 Feb 2020 12:38

Tgt Ion:252 Resp: 1204048
Ion Ratio Lower Upper
252 100
253 23.3 18.1 27.1
125 10.9 8.6 13.0

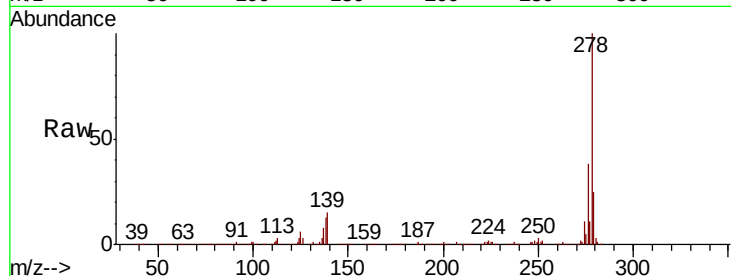




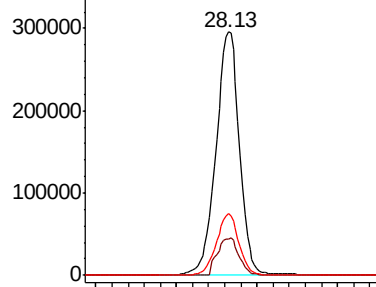
#91
Dibenzo(a,h)anthracene
Concen: 42.817 ng
RT: 28.13 min Scan# 4262
Delta R.T. -0.05 min
Lab File: BG044517.D
Acq: 20 Feb 2020 12:38

Instrument :
BNA_G
ClientSampleId :

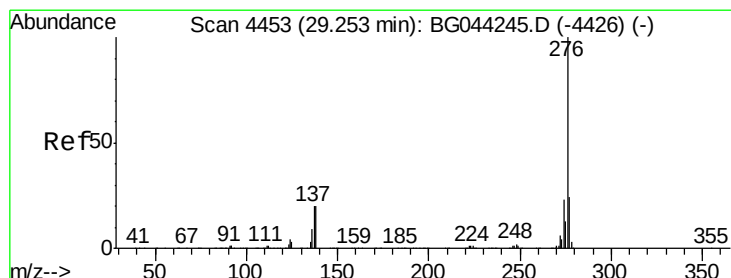
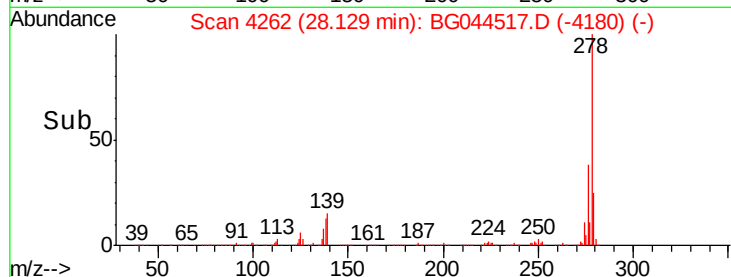
Tot Ion:278 Resp: 1203956
Ion Ratio Lower Upper
278 100
139 15.1 12.7 19.1
279 25.2 19.3 28.9



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

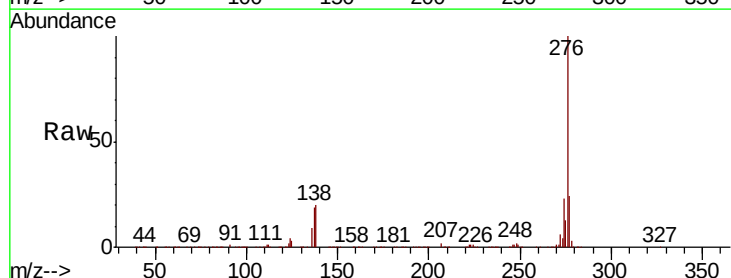


Time--> 27.80 28.00 28.20 28.40

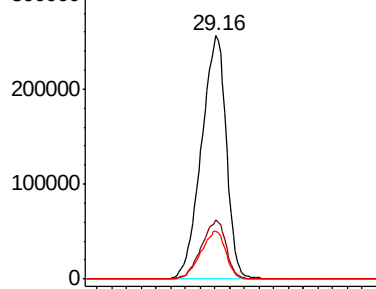


#92
Benzo(g,h,i)perylene
Concen: 42.769 ng
RT: 29.16 min Scan# 4438
Delta R.T. -0.04 min
Lab File: BG044517.D
Acq: 20 Feb 2020 12:38

Tgt Ion:276 Resp: 1203881
Ion Ratio Lower Upper
276 100
277 24.2 18.8 28.2
138 19.9 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



Time--> 29.00 29.20 29.40

