

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
 Data File : BG044520.D
 Acq On : 20 Feb 2020 14:40
 Operator : CG/JU
 Sample : PB126886BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 21 06:47:13 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	67864	20.00	ng	-0.02
21) Naphthalene-d8	10.68	136	284469	20.00	ng	-0.02
39) Acenaphthene-d10	14.53	164	192986	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	423754	20.00	ng	-0.02
76) Chrysene-d12	21.51	240	382367	20.00	ng	-0.02
87) Perylene-d12	24.58	264	389599	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	506833	131.80	ng	-0.02
7) Phenol-d6	7.06	99	679984	131.69	ng	-0.02
23) Nitrobenzene-d5	9.04	82	352331	69.92	ng	-0.02
42) 2,4,6-Tribromophenol	16.01	330	282777	124.82	ng	-0.02
45) 2-Fluorobiphenyl	13.15	172	828852	71.92	ng	-0.02
79) Terphenyl-d14	19.89	244	1306208	70.26	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.33	88	81031	46.901	ng	99
3) Pyridine	3.73	79	153507	33.350	ng	98
4) n-Nitrosodimethylamine	3.65	42	78235	40.675	ng	96
6) Aniline	7.21	93	219862	34.303	ng	99
8) 2-Chlorophenol	7.45	128	203296	48.105	ng	97
9) Benzaldehyde	7.01	77	81945	27.864	ng	99
10) Phenol	7.09	94	249390	48.801	ng	99
11) bis(2-Chloroethyl)ether	7.30	93	184279	42.179	ng	99
12) 1,3-Dichlorobenzene	7.77	146	206745	40.973	ng	98
13) 1,4-Dichlorobenzene	7.92	146	208056	41.632	ng	99
14) 1,2-Dichlorobenzene	8.23	146	199940	42.327	ng	99
15) Benzyl Alcohol	8.12	79	168039	45.965	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.42	45	236894	40.061	ng	97
17) 2-Methylphenol	8.33	107	175016	48.001	ng	98
18) Hexachloroethane	8.96	117	75496	40.257	ng	98
19) n-Nitroso-di-n-propylamine	8.69	70	144094	41.871	ng	96
20) 3+4-Methylphenols	8.66	107	241734	48.107	ng	99
22) Acetophenone	8.70	105	273682	39.548	ng	# 97
24) Nitrobenzene	9.08	77	205930	41.863	ng	99
25) Isophorone	9.60	82	401452	42.746	ng	99
26) 2-Nitrophenol	9.80	139	117728	46.124	ng	99
27) 2,4-Dimethylphenol	9.86	122	198753	55.163	ng	98
28) bis(2-Chloroethoxy)methane	10.09	93	255644	40.805	ng	100
29) 2,4-Dichlorophenol	10.34	162	204568	46.955	ng	98
30) 1,2,4-Trichlorobenzene	10.55	180	206713	41.379	ng	99
31) Naphthalene	10.73	128	595165	43.123	ng	99
32) Benzoic acid	10.03	122	59644	31.883	ng	94
33) 4-Chloroaniline	10.84	127	162287	25.854	ng	98
34) Hexachlorobutadiene	11.03	225	121905	39.658	ng	97
35) Caprolactam	11.61	113	41554	26.037	ng	97
36) 4-Chloro-3-methylphenol	11.98	107	213294	46.695	ng	98
37) 2-Methylnaphthalene	12.34	142	447973	43.716	ng	99
38) 1-Methylnaphthalene	12.56	142	426372	44.133	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.72	216	225748	39.105	ng	99

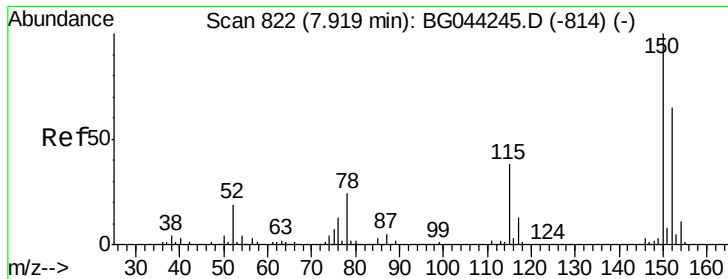
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.70	237	211833	76.474	ng	98
43) 2,4,6-Trichlorophenol	12.96	196	162948	43.669	ng	97
44) 2,4,5-Trichlorophenol	13.03	196	175308	45.997	ng	99
46) 1,1'-Biphenyl	13.36	154	572999	41.163	ng	98
47) 2-Chloronaphthalene	13.40	162	445695	40.236	ng	99
48) 2-Nitroaniline	13.60	65	130409	39.892	ng	98
49) Acenaphthylene	14.24	152	710076	43.705	ng	99
50) Dimethylphthalate	13.98	163	572328	41.257	ng	99
51) 2,6-Dinitrotoluene	14.10	165	131893	42.641	ng	96
52) Acenaphthene	14.59	154	430650	40.894	ng	98
53) 3-Nitroaniline	14.43	138	95074	27.783	ng	94
54) 2,4-Dinitrophenol	14.64	184	149017	81.182	ng	97
55) Dibenzofuran	14.92	168	682406	42.800	ng	99
56) 4-Nitrophenol	14.75	139	231201	92.235	ng	99
57) 2,4-Dinitrotoluene	14.89	165	183515	42.331	ng	97
58) Fluorene	15.57	166	538556	42.885	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.16	232	157794	45.836	ng	98
60) Diethylphthalate	15.35	149	574760	41.581	ng	99
61) 4-Chlorophenyl-phenylether	15.57	204	282741	41.524	ng	100
62) 4-Nitroaniline	15.59	138	130369	38.126	ng	98
63) Azobenzene	15.86	77	504362	41.632	ng	98
65) 4,6-Dinitro-2-methylphenol	15.66	198	113813	48.656	ng	98
66) n-Nitrosodiphenylamine	15.78	169	503975	42.438	ng	99
67) 4-Bromophenyl-phenylether	16.46	248	189170	40.975	ng	98
68) Hexachlorobenzene	16.58	284	210746	40.745	ng	99
69) Atrazine	16.73	200	196329	48.234	ng	98
70) Pentachlorophenol	16.93	266	220858	84.266	ng	98
71) Phenanthrene	17.31	178	882734	43.019	ng	99
72) Anthracene	17.40	178	897903	44.260	ng	98
73) Carbazole	17.67	167	814844	43.569	ng	98
74) Di-n-butylphthalate	18.23	149	990516	42.858	ng	99
75) Fluoranthene	19.32	202	1047912	44.146	ng	99
77) Benzidine	19.50	184	366394	34.546	ng	98
78) Pyrene	19.68	202	1051977	42.840	ng	97
80) Butylbenzylphthalate	20.57	149	451020	40.305	ng	99
81) Benzo(a)anthracene	21.50	228	1005315	42.660	ng	99
82) 3,3'-Dichlorobenzidine	21.41	252	317081	34.669	ng	98
83) Chrysene	21.56	228	967639	42.481	ng	98
84) Bis(2-ethylhexyl)phthalate	21.41	149	637897	41.415	ng	99
85) Di-n-octyl phthalate	22.57	149	1136128	42.632	ng	99
86) Indeno(1,2,3-cd)pyrene	28.06	276	1245848	41.923	ng	99
88) Benzo(b)fluoranthene	23.62	252	1061426	47.279	ng	99
89) Benzo(k)fluoranthene	23.68	252	1051532	48.058	ng	99
90) Benzo(a)pyrene	24.44	252	984366	46.375	ng	99
91) Dibenzo(a,h)anthracene	28.12	278	1038917	49.456	ng	99
92) Benzo(g,h,i)perylene	29.16	276	1049974	49.929	ng	99

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

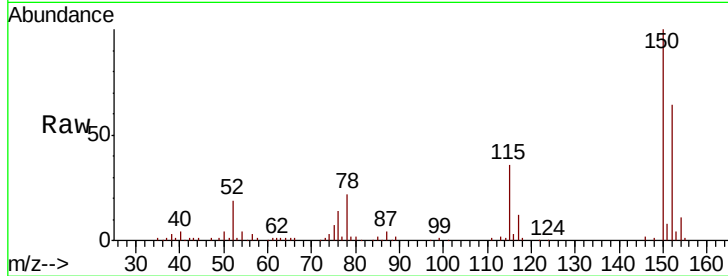


#1

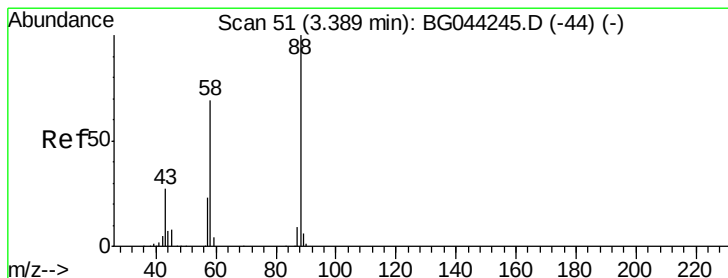
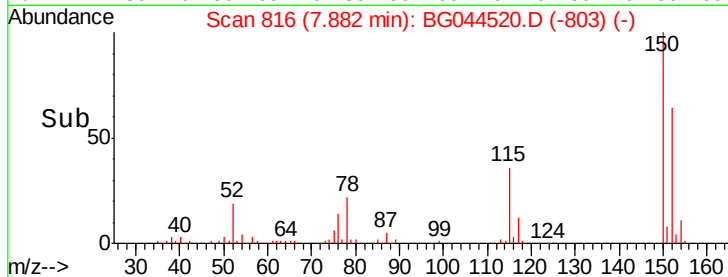
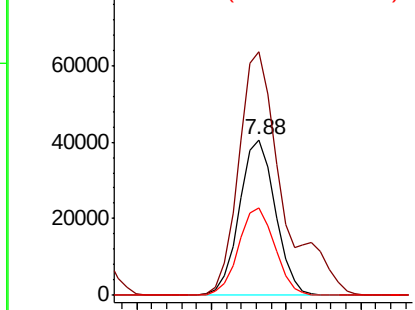
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.88 min Scan# 816
Delta R.T. -0.02 min
Lab File: BG044520.D
Acq: 20 Feb 2020 14:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 67864
Ion Ratio Lower Upper
152 100
150 156.4 122.6 183.8
115 56.6 46.0 69.0



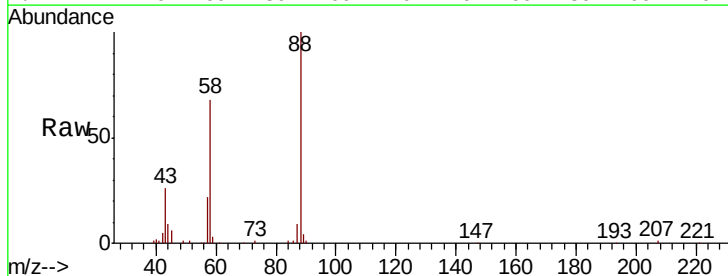
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



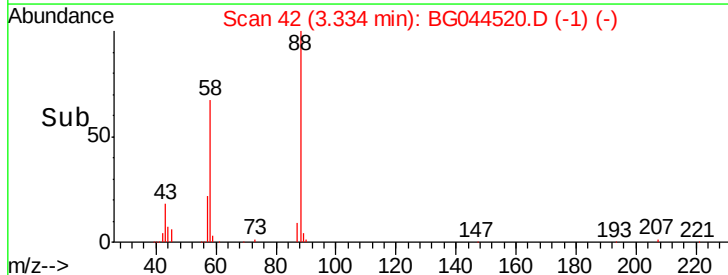
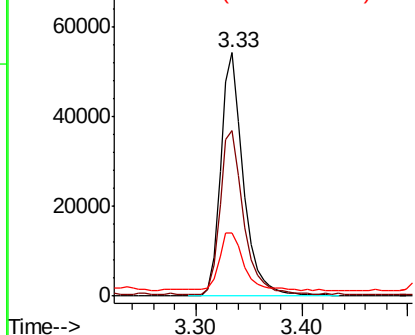
#2

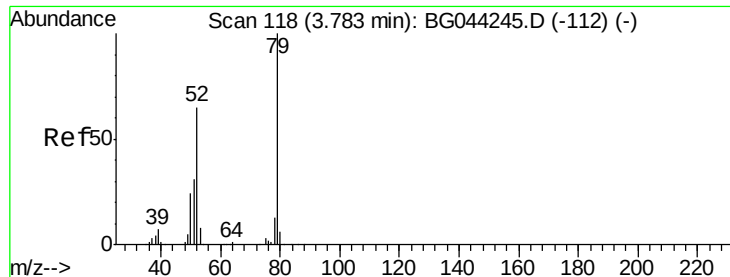
1,4-Dioxane
Concen: 46.901 ng
RT: 3.33 min Scan# 42
Delta R.T. -0.03 min
Lab File: BG044520.D
Acq: 20 Feb 2020 14:40

Tgt Ion: 88 Resp: 81031
Ion Ratio Lower Upper
88 100
58 69.5 55.8 83.6
43 25.5 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: 33.350 ng

RT: 3.73 min Scan# 109

Delta R.T. -0.04 min

Lab File: BG044520.D

Acq: 20 Feb 2020 14:40

Instrument :

BNA_G

ClientSampleId :

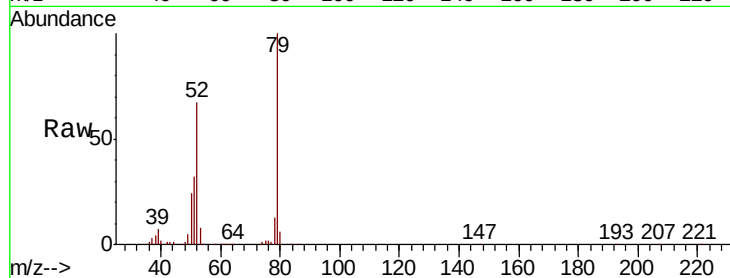
Tot Ion: 79 Resp: 153507

Ion Ratio Lower Upper

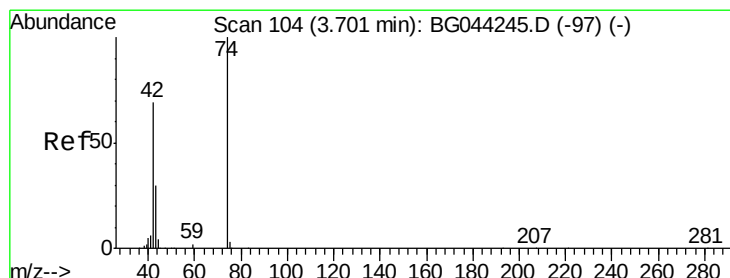
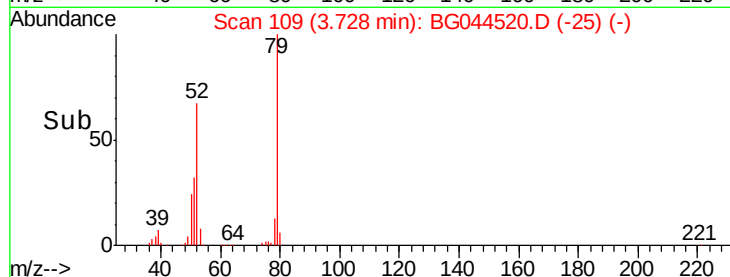
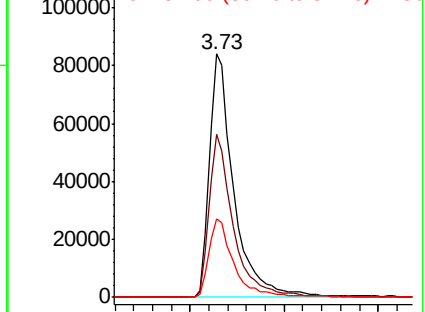
79 100

52 66.8 51.9 77.9

51 32.4 25.3 37.9



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 40.675 ng

RT: 3.65 min Scan# 95

Delta R.T. -0.03 min

Lab File: BG044520.D

Acq: 20 Feb 2020 14:40

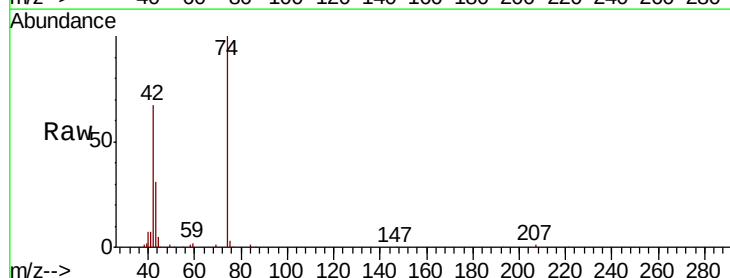
Tgt Ion: 42 Resp: 78235

Ion Ratio Lower Upper

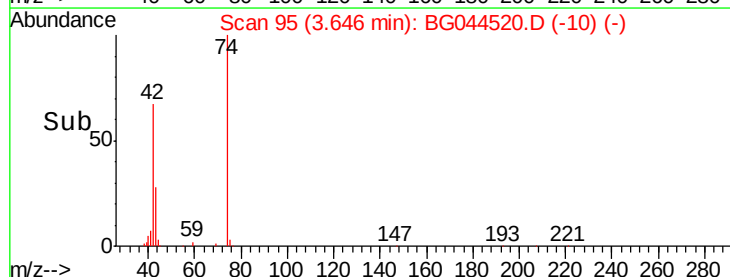
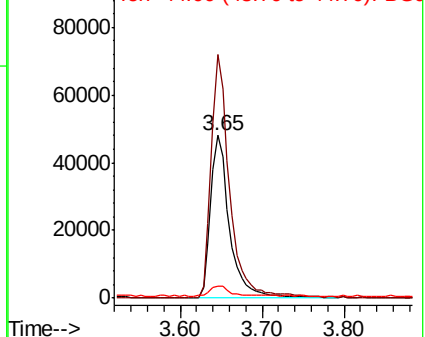
42 100

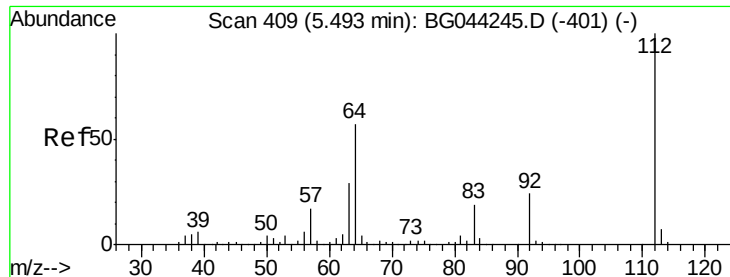
74 149.4 115.1 172.7

44 7.5 5.6 8.4



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 131.805 ng

RT: 5.46 min Scan# 404

Delta R.T. -0.02 min

Lab File: BG044520.D

Acq: 20 Feb 2020 14:40

Instrument :

BNA_G

ClientSampleId :

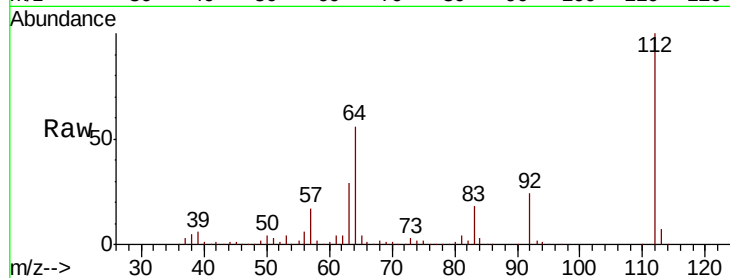
Tot Ion: 112 Resp: 506833

Ion Ratio Lower Upper

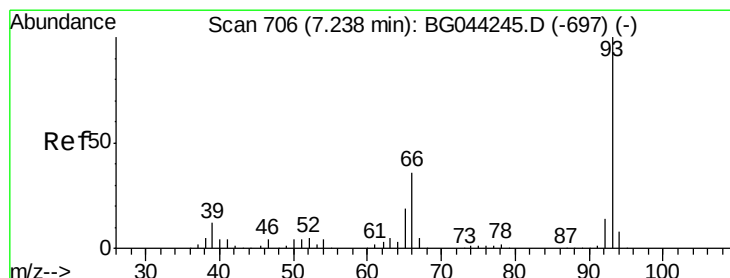
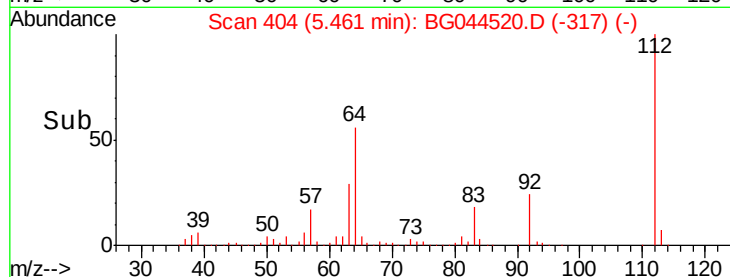
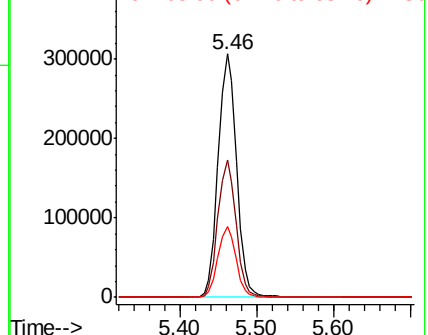
112 100

64 56.4 45.4 68.2

63 29.1 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 34.303 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG044520.D

Acq: 20 Feb 2020 14:40

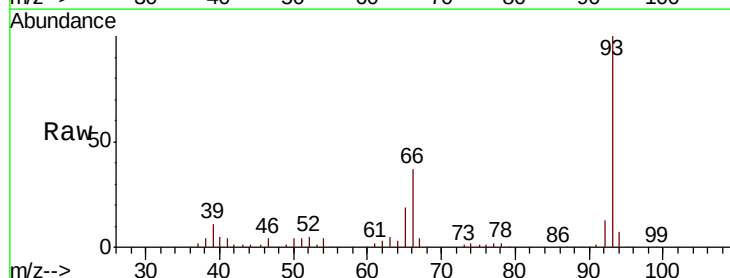
Tgt Ion: 93 Resp: 219862

Ion Ratio Lower Upper

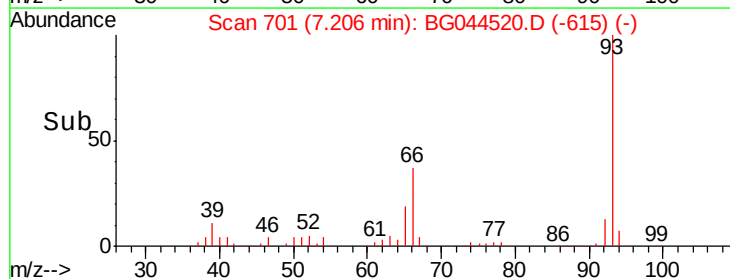
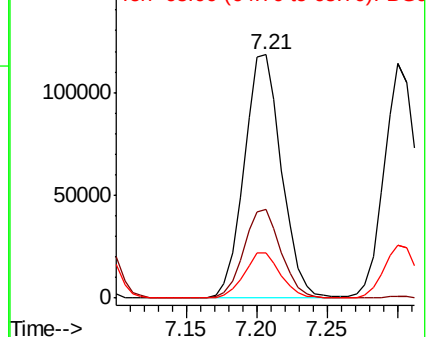
93 100

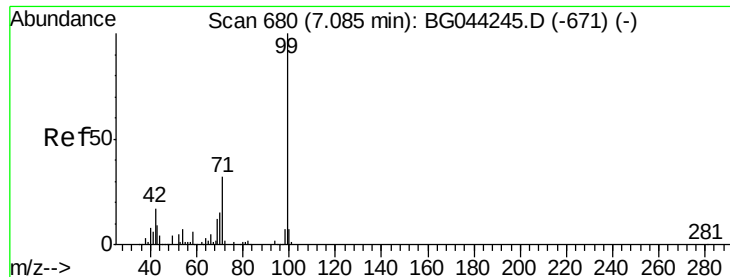
66 36.6 28.7 43.1

65 18.7 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: 131.685 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.02 min

Lab File: BG044520.D

Acq: 20 Feb 2020 14:40

Instrument :

BNA_G

ClientSampled :

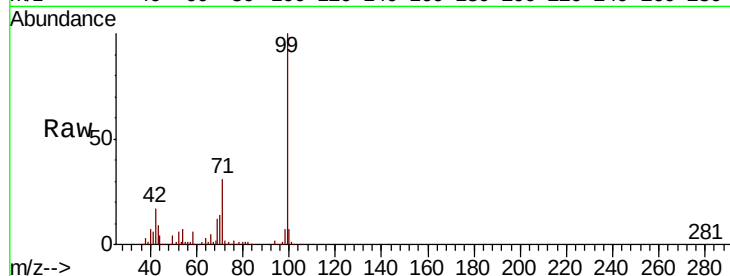
Tot Ion: 99 Resp: 679984

Ion Ratio Lower Upper

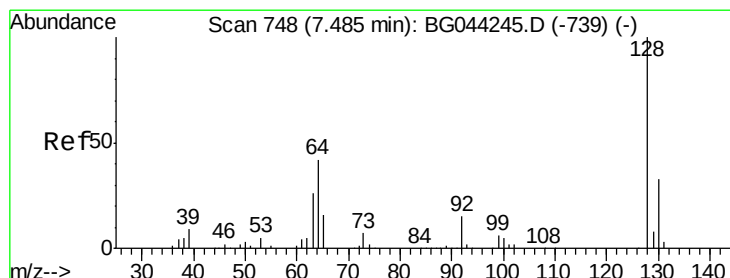
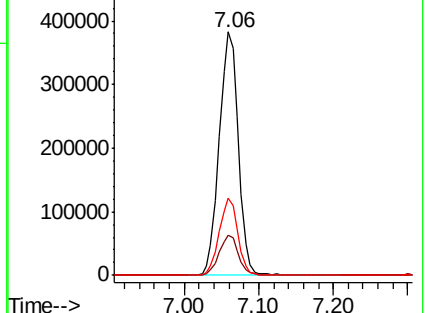
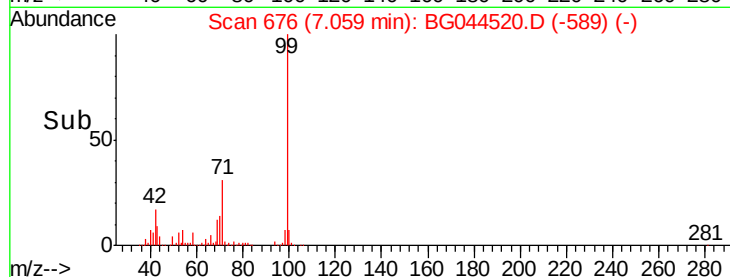
99 100

42 16.6 13.8 20.6

71 31.5 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: 48.105 ng

RT: 7.45 min Scan# 743

Delta R.T. -0.02 min

Lab File: BG044520.D

Acq: 20 Feb 2020 14:40

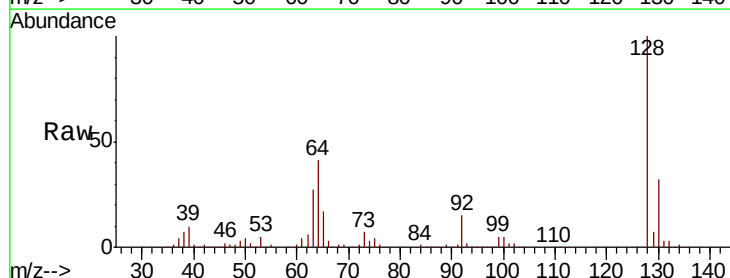
Tgt Ion: 128 Resp: 203296

Ion Ratio Lower Upper

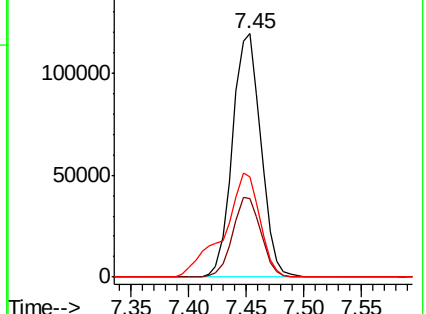
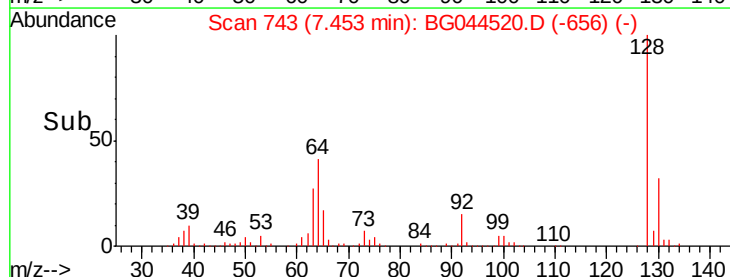
128 100

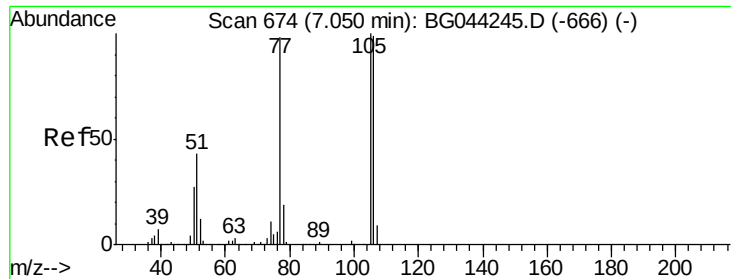
130 32.3 12.5 52.5

64 41.1 24.2 64.2



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





#9

Benzaldehyde

Concen: 27.864 ng

RT: 7.01 min Scan# 668

Delta R.T. -0.02 min

Lab File: BG044520.D

Acq: 20 Feb 2020 14:40

Instrument :

BNA_G

ClientSampleId :

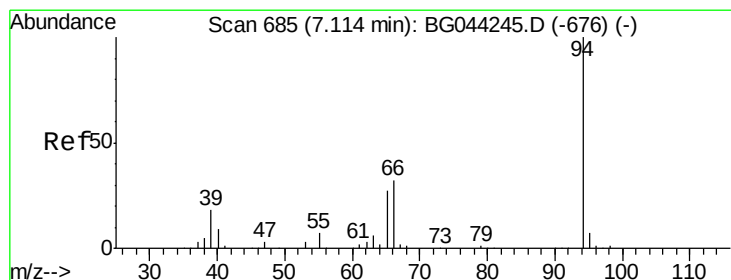
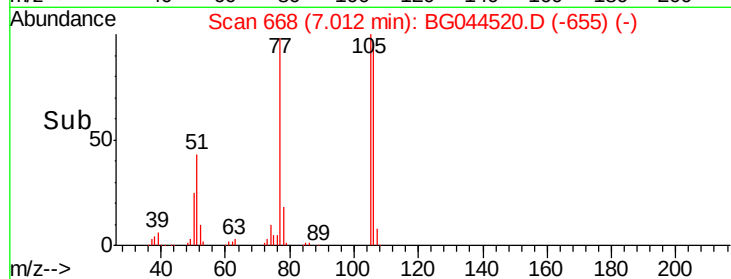
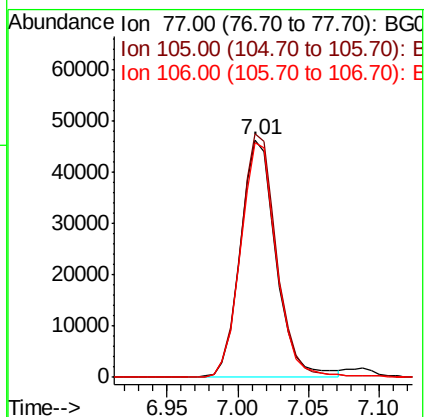
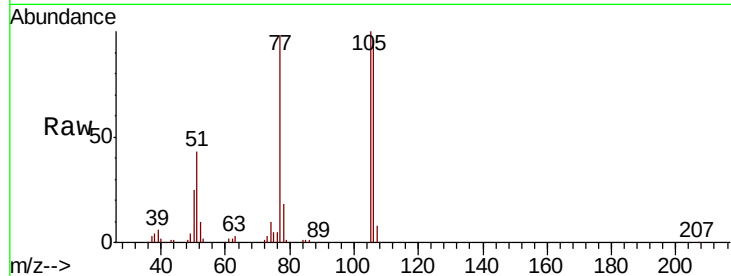
Tot Ion: 77 Resp: 81945

Ion Ratio Lower Upper

77 100

105 102.4 82.0 122.0

106 98.6 80.7 120.7



#10

Phenol

Concen: 48.801 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG044520.D

Acq: 20 Feb 2020 14:40

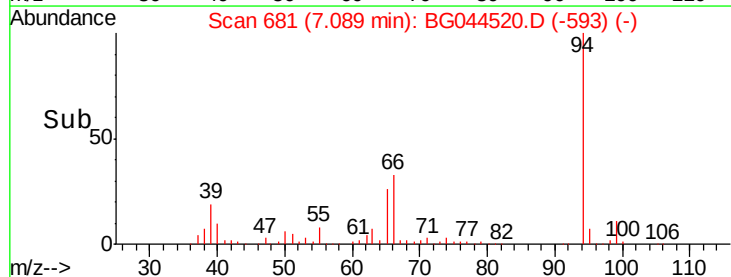
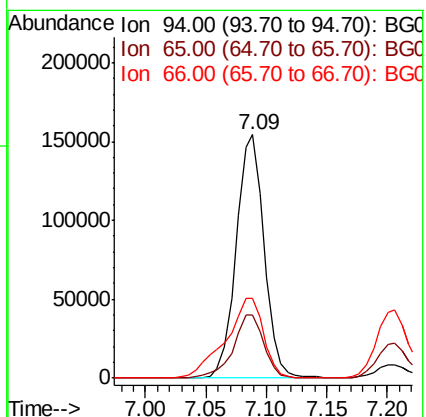
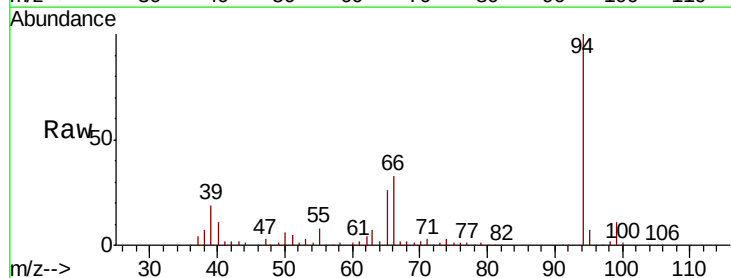
Tgt Ion: 94 Resp: 249390

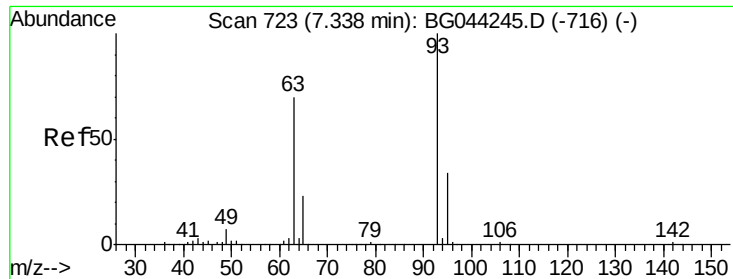
Ion Ratio Lower Upper

94 100

65 25.7 7.0 47.0

66 32.9 12.7 52.7

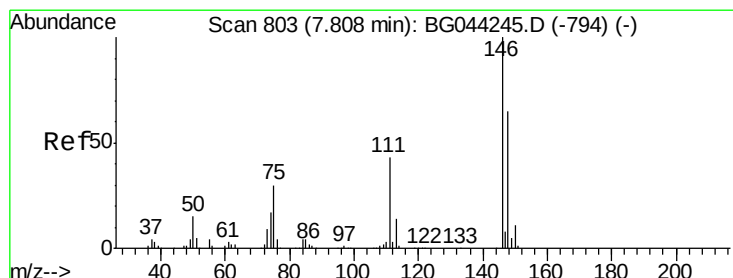
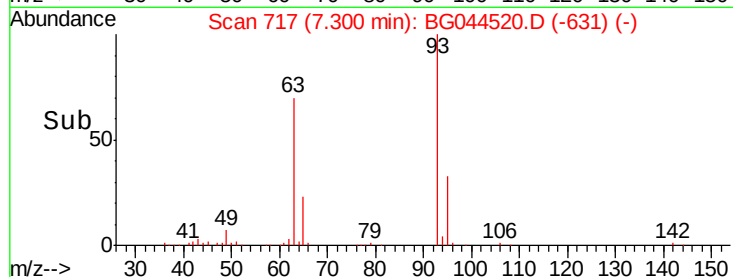
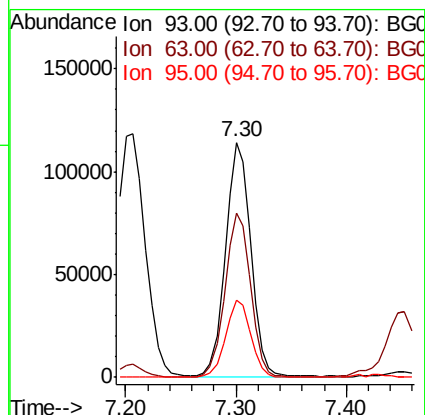
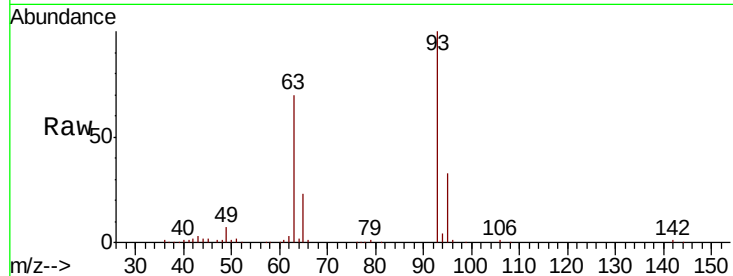




#11
bis(2-Chloroethyl)ether
Concen: 42.179 ng
RT: 7.30 min Scan# 717
Delta R.T. -0.02 min
Lab File: BG044520.D
Acq: 20 Feb 2020 14:40

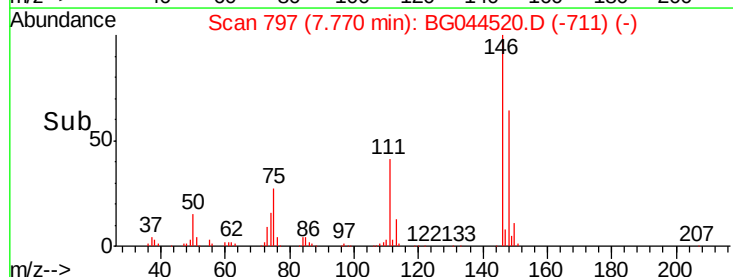
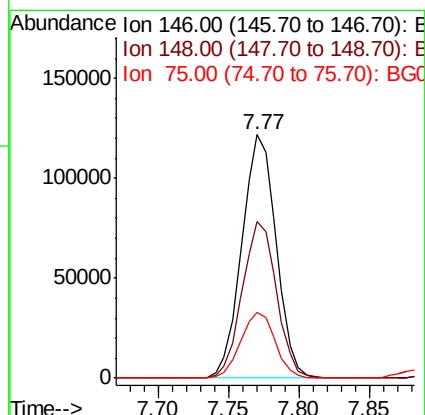
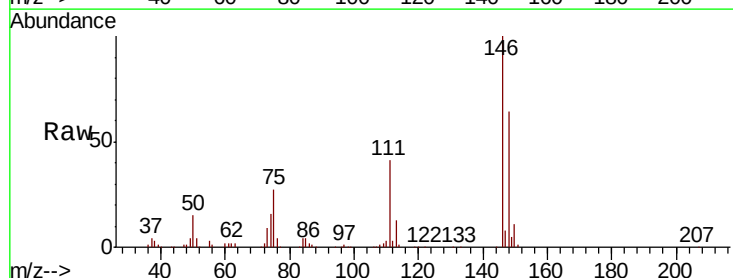
Instrument :
BNA_G
ClientSampleId :

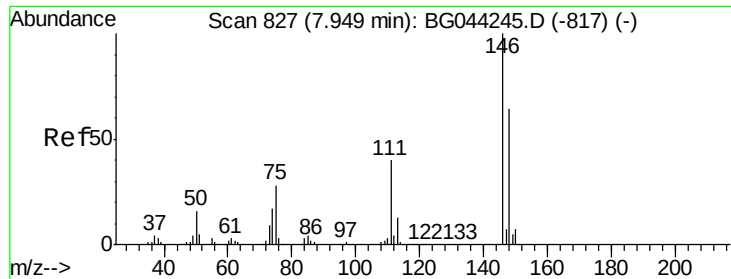
Tot Ion: 93 Resp: 184279
Ion Ratio Lower Upper
93 100
63 70.2 49.2 89.2
95 32.7 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 40.973 ng
RT: 7.77 min Scan# 797
Delta R.T. -0.02 min
Lab File: BG044520.D
Acq: 20 Feb 2020 14:40

Tgt Ion: 146 Resp: 206745
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.8
75 27.0 23.7 35.5

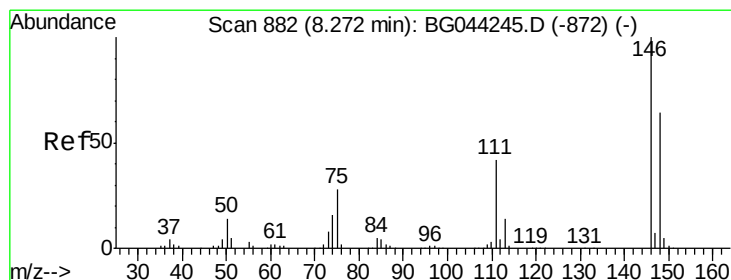
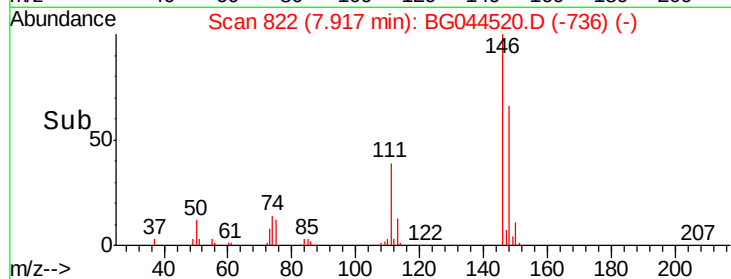
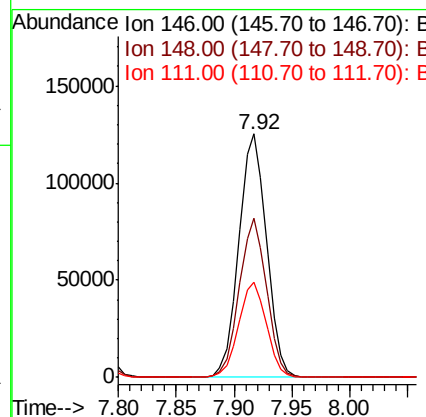
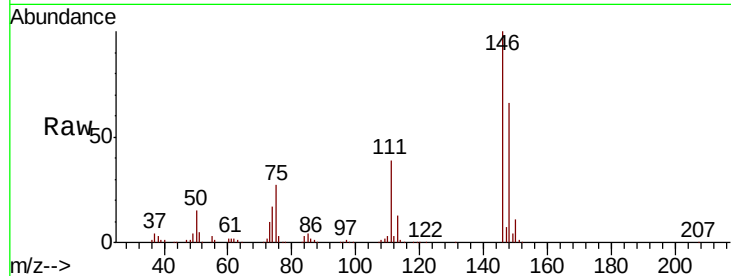




#13
 1,4-Dichlorobenzene
 Concen: 41.632 ng
 RT: 7.92 min Scan# 822
 Delta R.T. -0.02 min
 Lab File: BG044520.D
 Acq: 20 Feb 2020 14:40

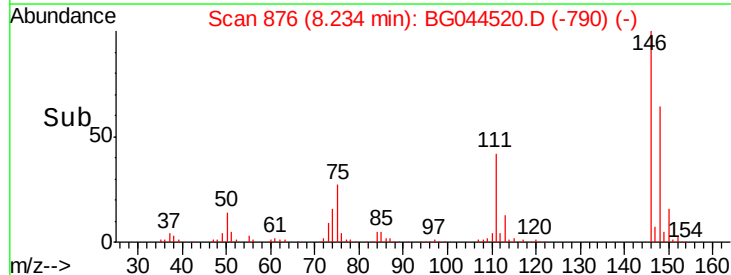
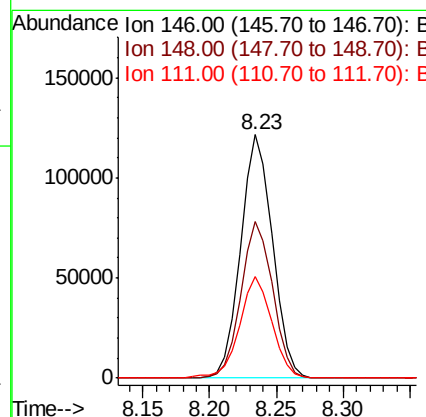
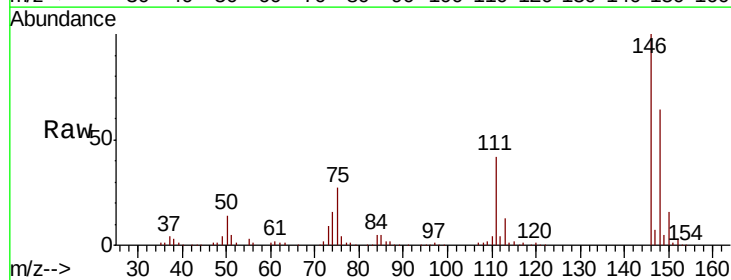
Instrument :
 BNA_G
 ClientSampleId :

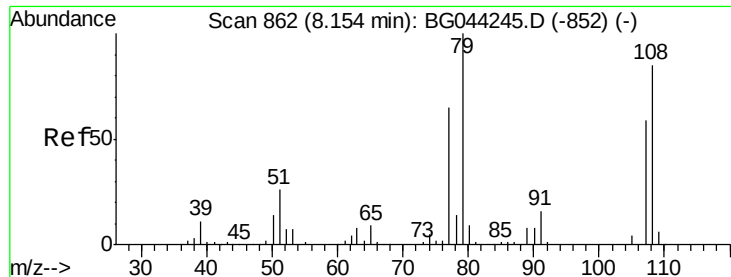
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.4	77.0
111	39.2	31.8	47.8



#14
 1,2-Dichlorobenzene
 Concen: 42.327 ng
 RT: 8.23 min Scan# 876
 Delta R.T. -0.02 min
 Lab File: BG044520.D
 Acq: 20 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.2	76.8
111	41.6	34.0	51.0





#15

Benzyl Alcohol

Concen: 45.965 ng

RT: 8.12 min Scan# 857

Delta R.T. -0.02 min

Lab File: BG044520.D

Acq: 20 Feb 2020 14:40

Instrument :

BNA_G

ClientSampleId :

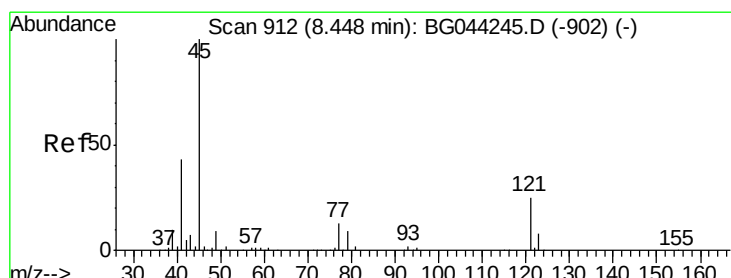
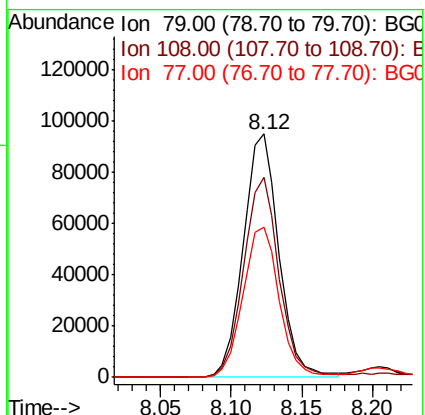
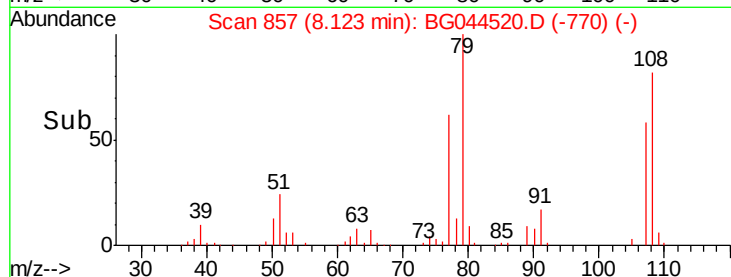
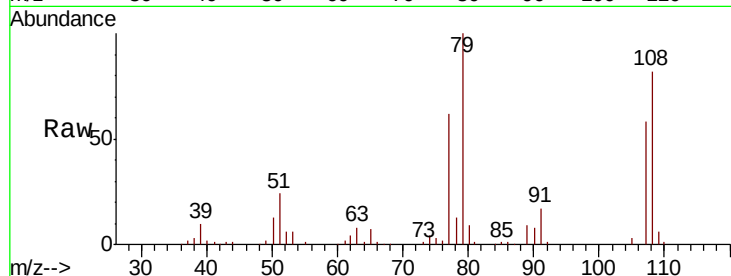
Tot Ion: 79 Resp: 168039

Ion Ratio Lower Upper

79 100

108 82.2 68.3 102.5

77 61.9 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.061 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.02 min

Lab File: BG044520.D

Acq: 20 Feb 2020 14:40

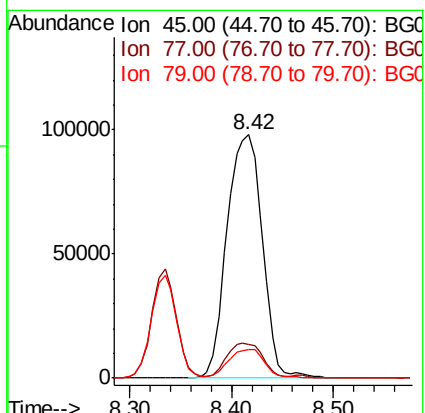
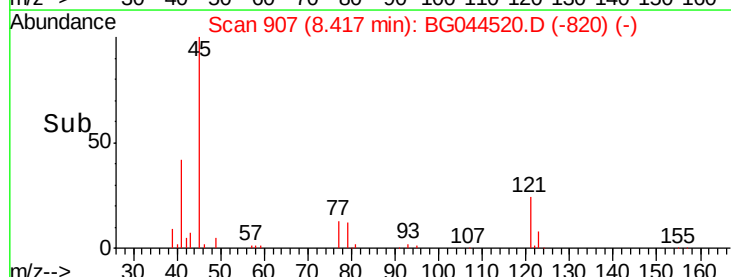
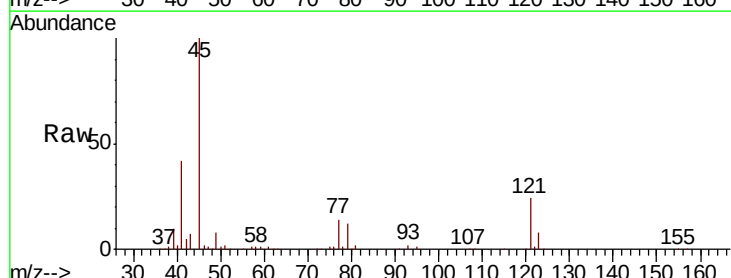
Tgt Ion: 45 Resp: 236894

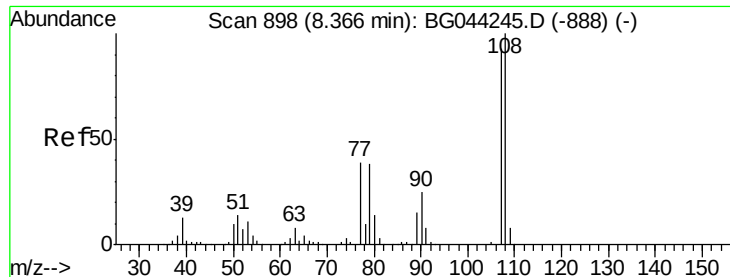
Ion Ratio Lower Upper

45 100

77 13.7 0.0 35.2

79 11.9 0.0 31.1

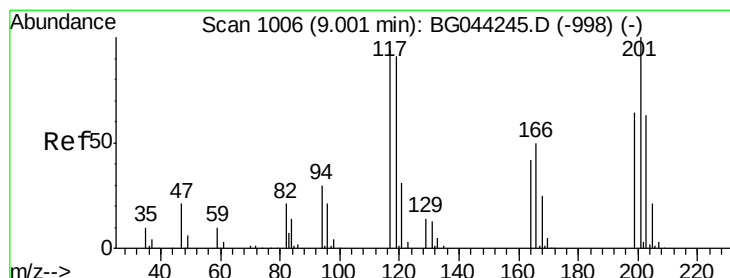
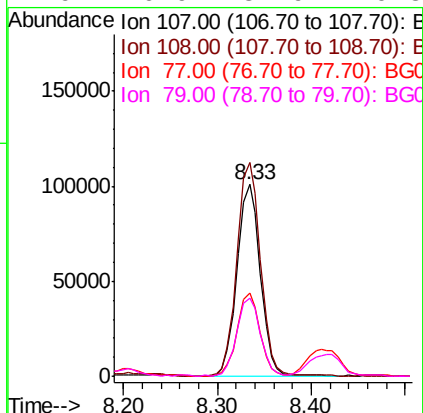
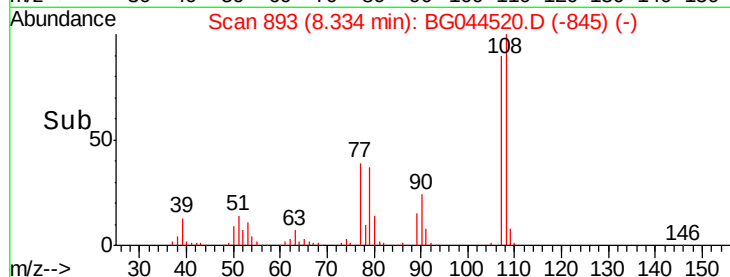
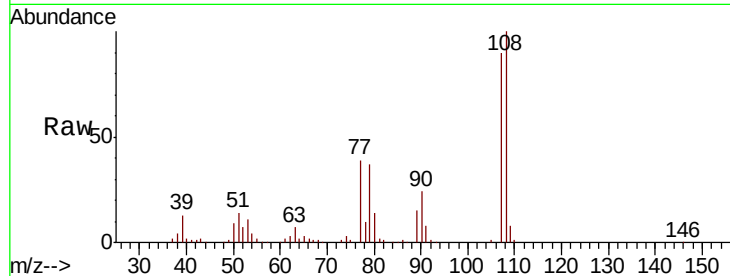




#17
2-Methylphenol
Concen: 48.001 ng
RT: 8.33 min Scan# 893
Delta R.T. -0.02 min
Lab File: BG044520.D
Acq: 20 Feb 2020 14:40

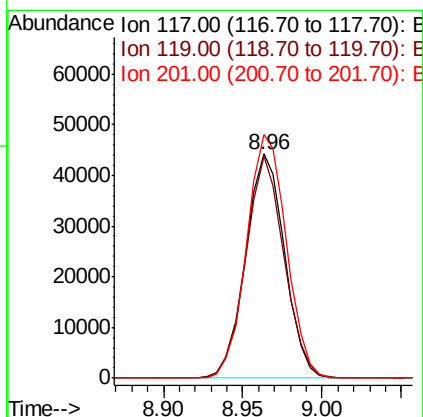
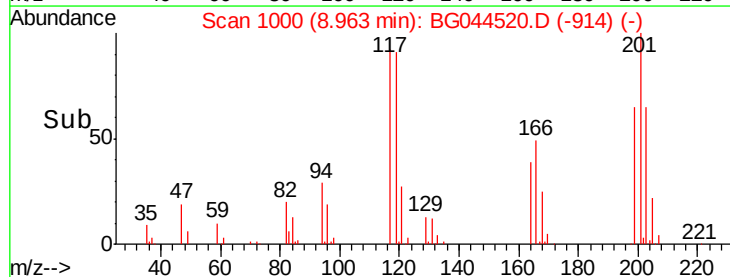
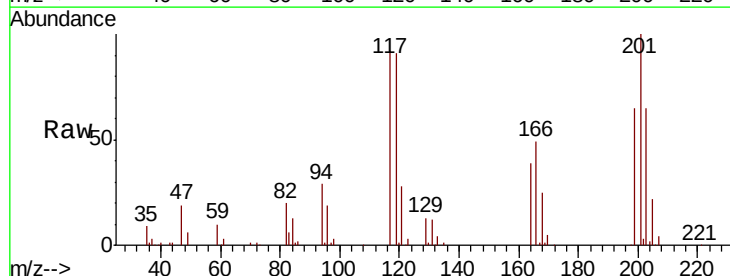
Instrument :
BNA_G
ClientSampleId :

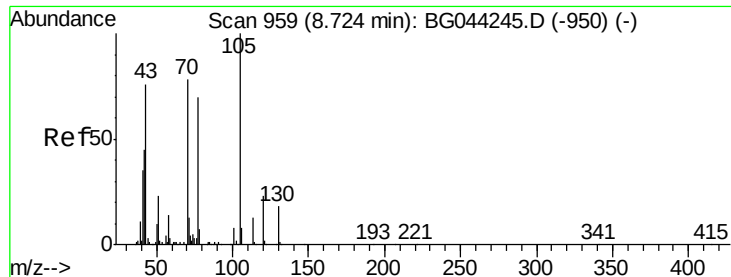
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.4	86.4	129.6
77	43.7	34.0	51.0
79	40.9	32.9	49.3



#18
Hexachloroethane
Concen: 40.257 ng
RT: 8.96 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BG044520.D
Acq: 20 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.1	77.5	116.3
201	108.6	84.9	127.3

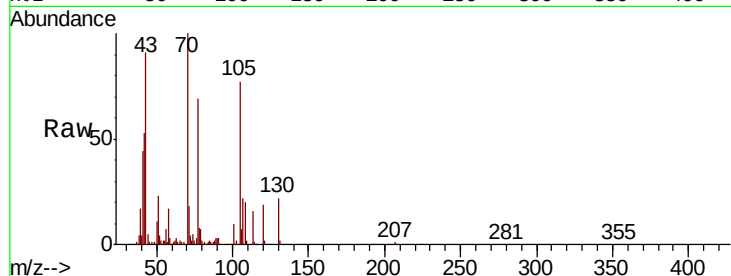




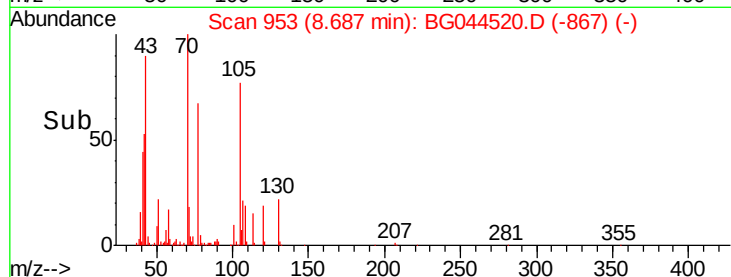
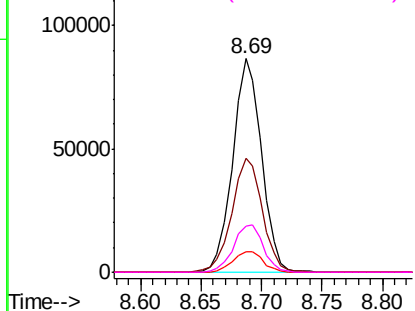
#19
n-Nitroso-di-n-propylamine
Concen: 41.871 ng
RT: 8.69 min Scan# 953
Delta R.T. -0.02 min
Lab File: BG044520.D
Acq: 20 Feb 2020 14:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	144094
Ion	Ratio	Lower	Upper
70	100		
42	53.5	46.2	69.2
101	9.8	8.4	12.6
130	21.9	17.8	26.8

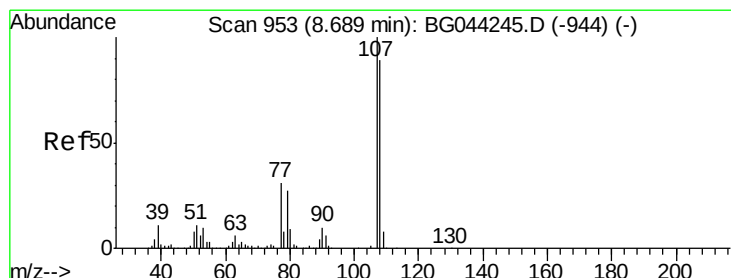


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

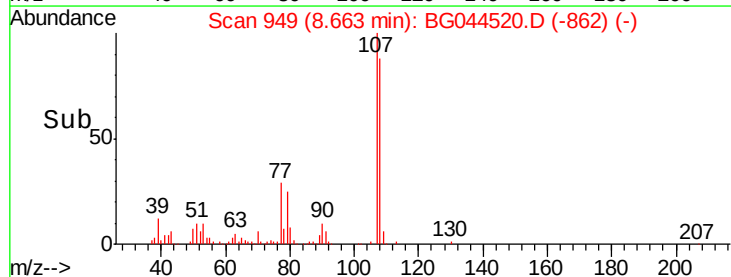
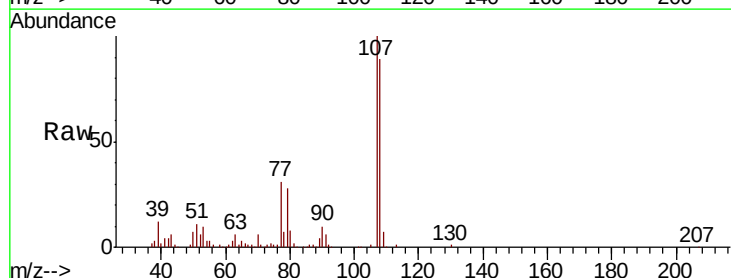
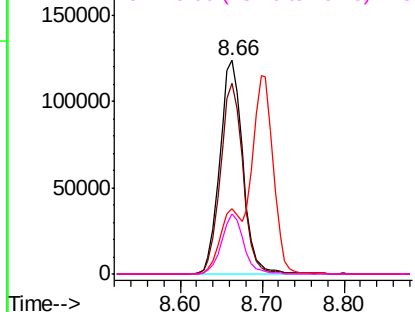


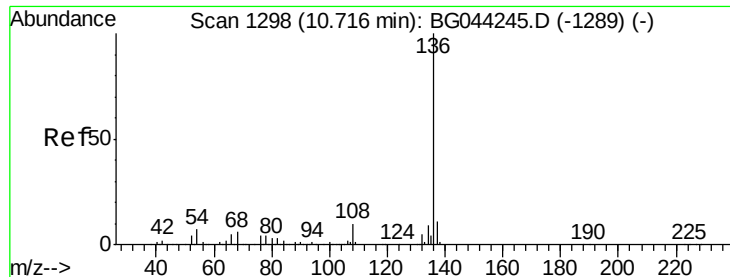
#20
3+4-Methylphenols
Concen: 48.107 ng
RT: 8.66 min Scan# 949
Delta R.T. -0.02 min
Lab File: BG044520.D
Acq: 20 Feb 2020 14:40

Tgt Ion:	107	Resp:	241734
Ion	Ratio	Lower	Upper
107	100		
108	89.0	68.5	108.5
77	30.9	10.9	50.9
79	28.1	7.1	47.1



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.68 min Scan# 1292

Delta R.T. -0.02 min

Lab File: BG044520.D

Acq: 20 Feb 2020 14:40

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 284469

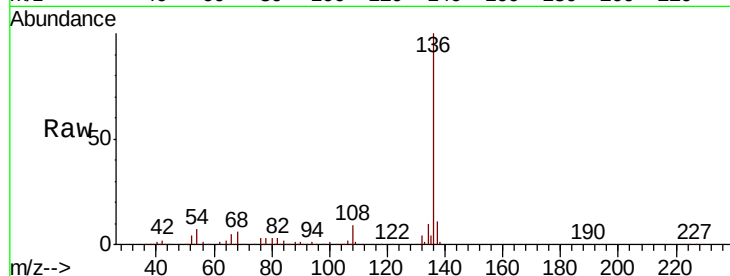
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.5 5.8 8.8

68 6.2 4.6 6.8

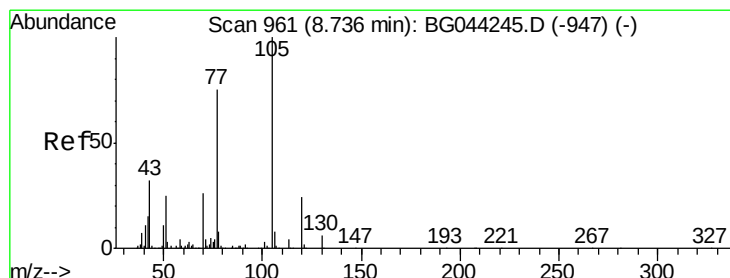
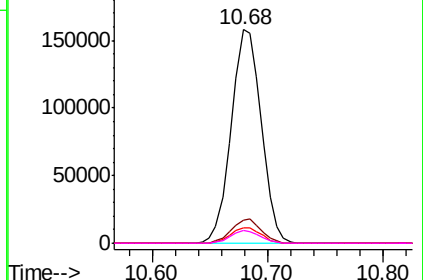
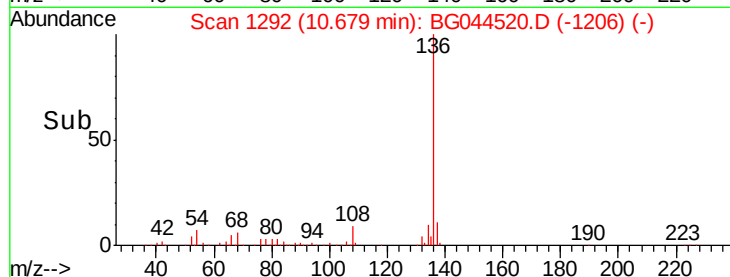


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.548 ng

RT: 8.70 min Scan# 956

Delta R.T. -0.02 min

Lab File: BG044520.D

Acq: 20 Feb 2020 14:40

Tgt Ion:105 Resp: 273682

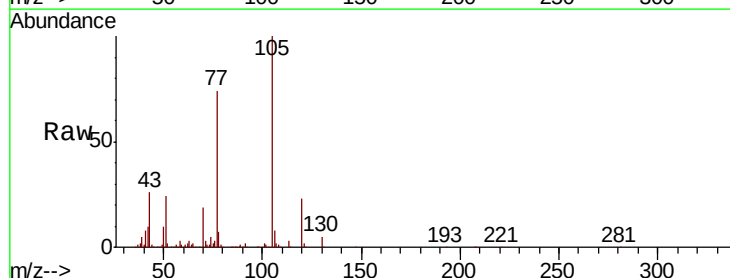
Ion Ratio Lower Upper

105 100

71 3.1 3.4 5.0#

51 23.5 20.2 30.4

120 22.8 19.1 28.7

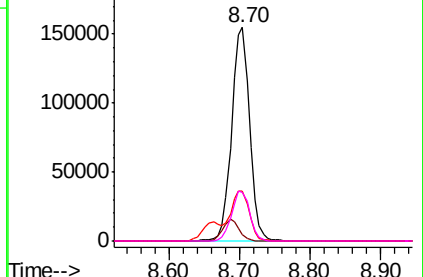
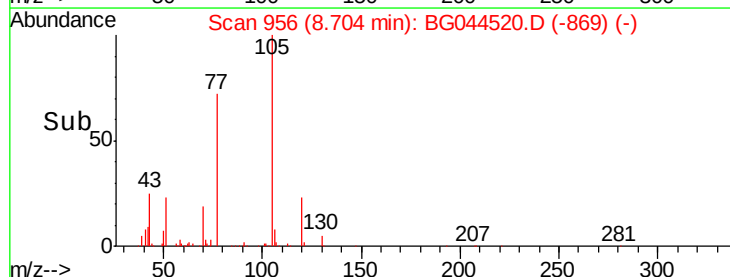


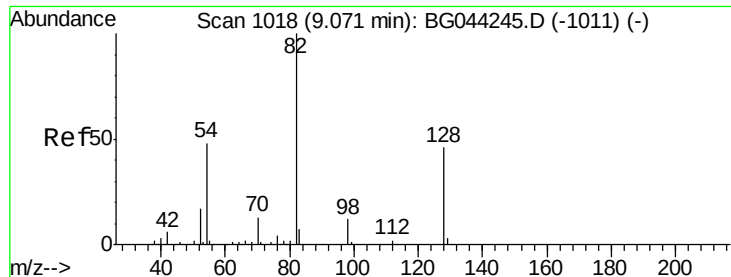
Abundance Ion 105.00 (104.70 to 105.70): E

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

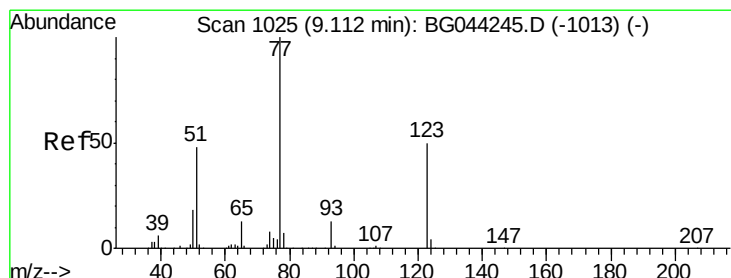
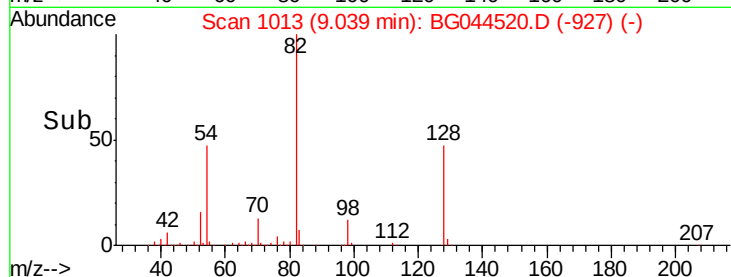
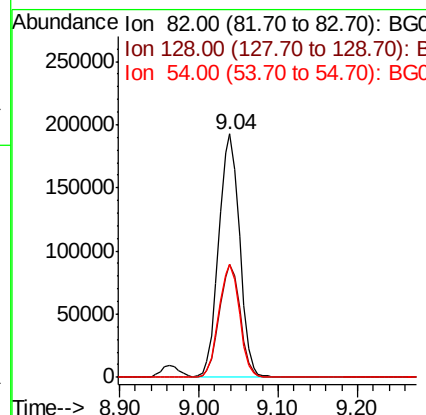
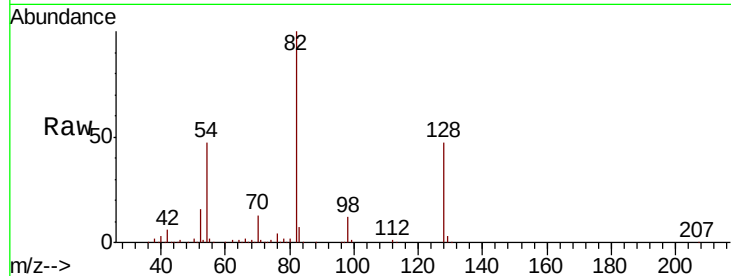




#23
Nitrobenzene-d5
Concen: 69.924 ng
RT: 9.04 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BG044520.D
Acq: 20 Feb 2020 14:40

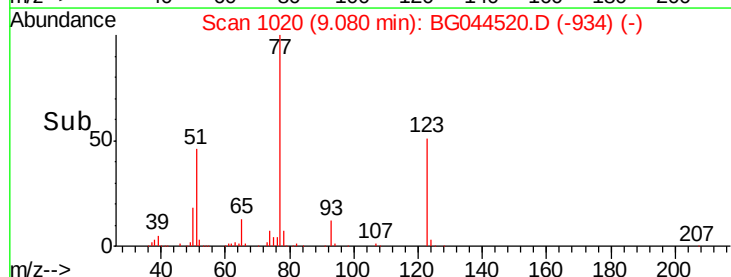
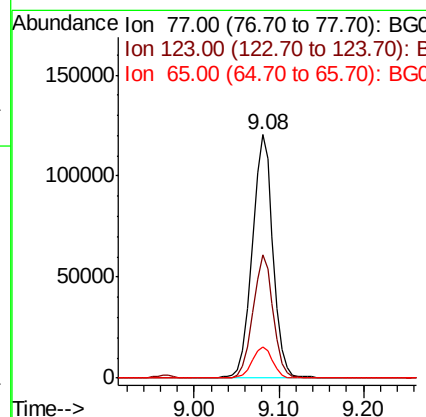
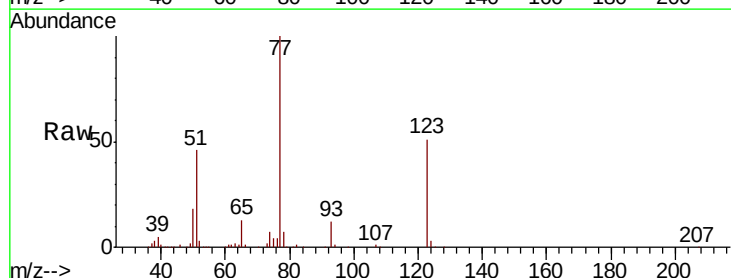
Instrument :
BNA_G
ClientSampleId :

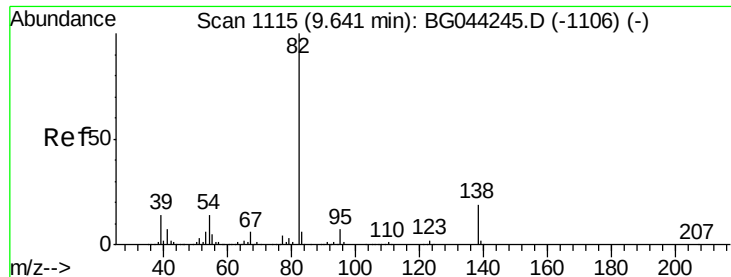
Tot Ion	82	Resp	352331
Ion Ratio	Lower	Upper	
82	100		
128	46.5	36.5	54.7
54	46.6	38.6	58.0



#24
Nitrobenzene
Concen: 41.863 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BG044520.D
Acq: 20 Feb 2020 14:40

Tgt Ion	77	Resp	205930
Ion Ratio	Lower	Upper	
77	100		
123	50.6	39.9	59.9
65	12.8	10.4	15.6





#25

Isophorone

Concen: 42.746 ng

RT: 9.60 min Scan# 1109

Delta R.T. -0.03 min

Lab File: BG044520.D

Acq: 20 Feb 2020 14:40

Instrument :

BNA_G

ClientSampleId :

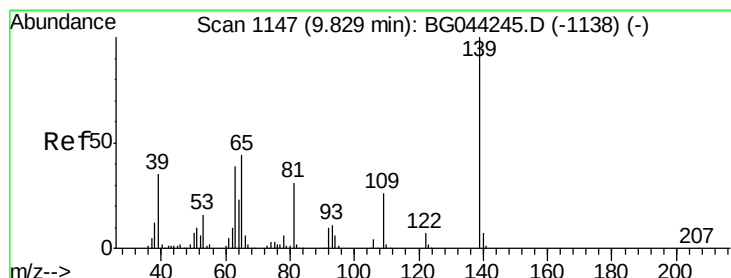
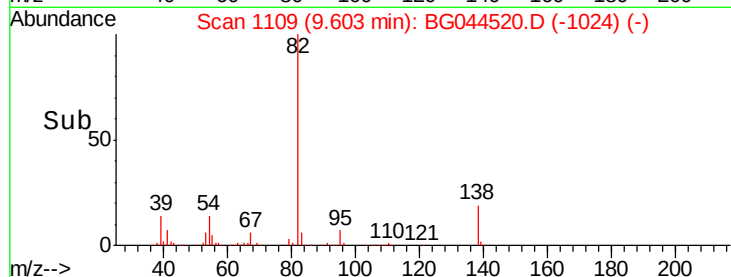
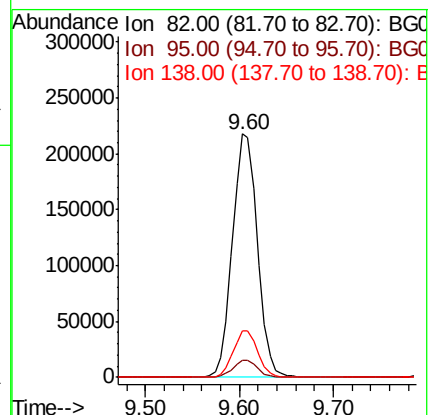
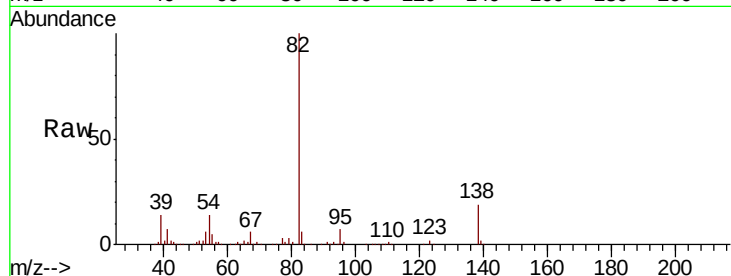
Tot Ion: 82 Resp: 401452

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

138 19.1 15.0 22.4



#26

2-Nitrophenol

Concen: 46.124 ng

RT: 9.80 min Scan# 1142

Delta R.T. -0.02 min

Lab File: BG044520.D

Acq: 20 Feb 2020 14:40

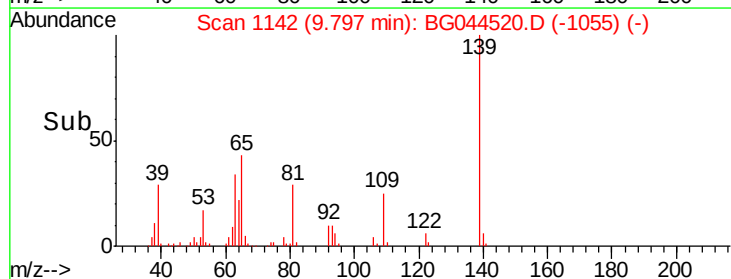
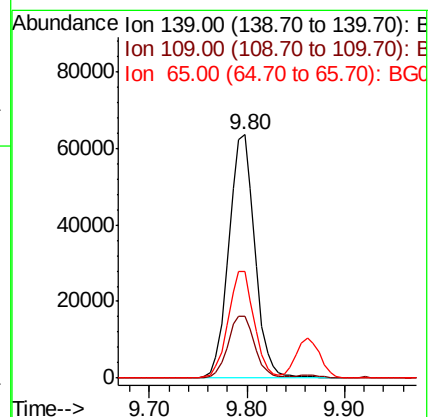
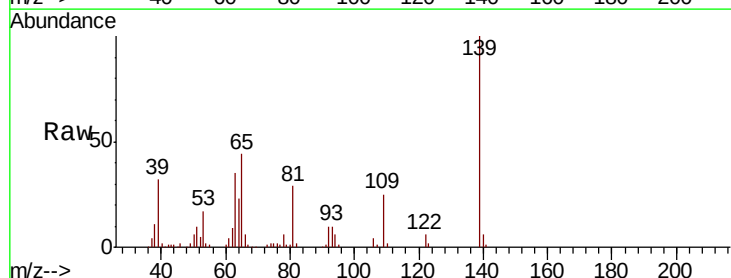
Tgt Ion: 139 Resp: 117728

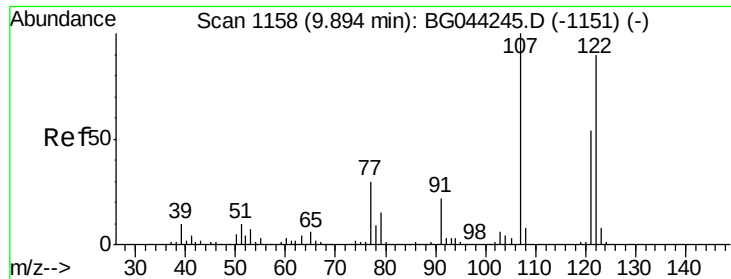
Ion Ratio Lower Upper

139 100

109 25.4 21.0 31.4

65 43.9 35.0 52.4

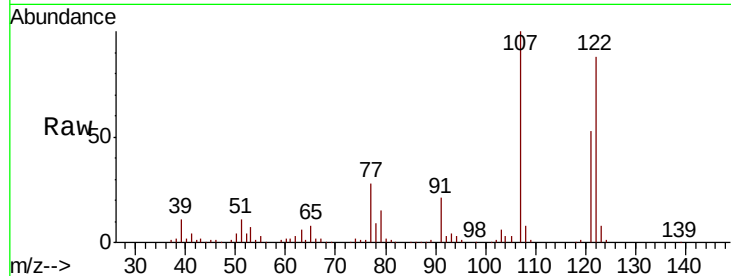




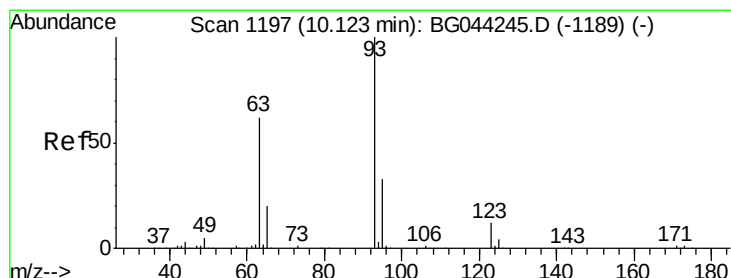
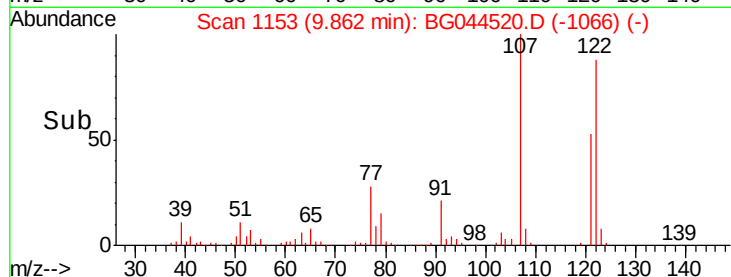
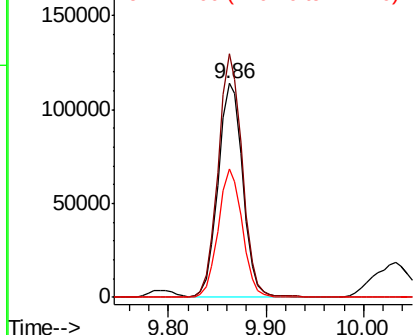
#27
 2,4-Dimethylphenol
 Concen: 55.163 ng
 RT: 9.86 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: BG044520.D
 Acq: 20 Feb 2020 14:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.0	88.8	133.2
121	60.0	48.3	72.5

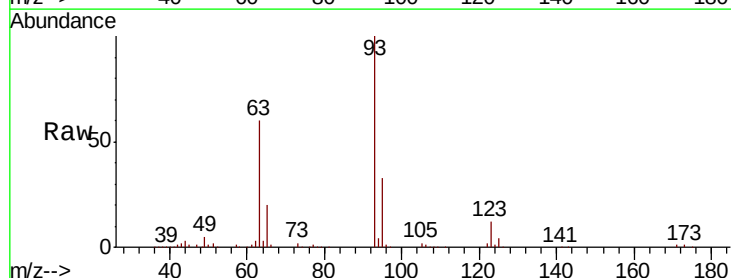


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

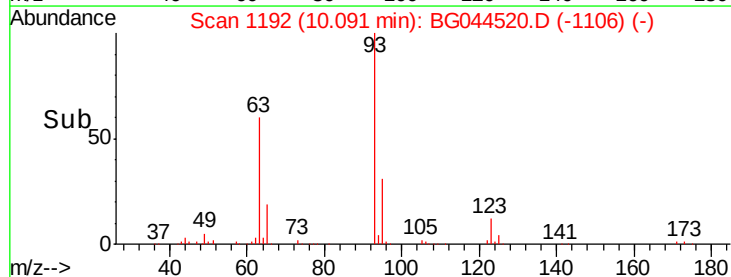
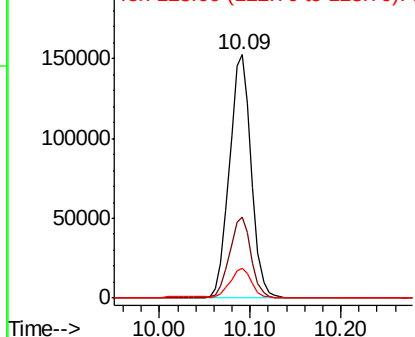


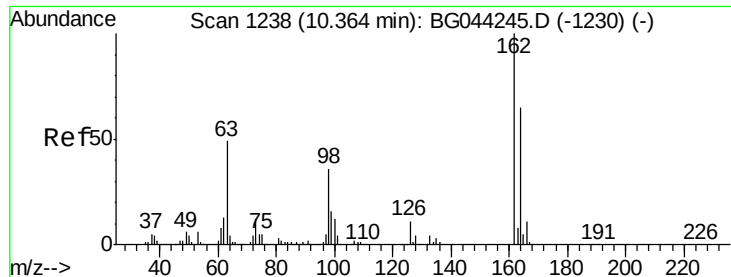
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.805 ng
 RT: 10.09 min Scan# 1192
 Delta R.T. -0.02 min
 Lab File: BG044520.D
 Acq: 20 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.6	40.0
123	12.1	10.0	15.0



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

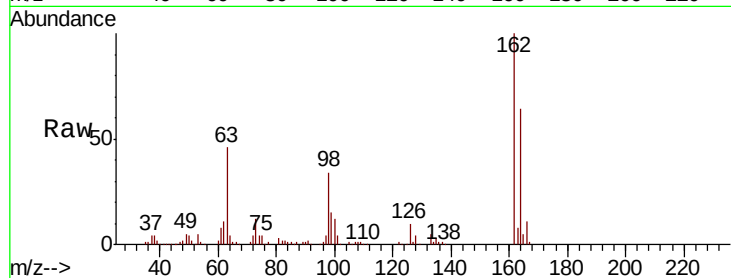




#29
 2,4-Dichlorophenol
 Concen: 46.955 ng
 RT: 10.34 min Scan# 1234
 Delta R.T. -0.02 min
 Lab File: BG044520.D
 Acq: 20 Feb 2020 14:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.7	84.7
98	34.3	15.8	55.8

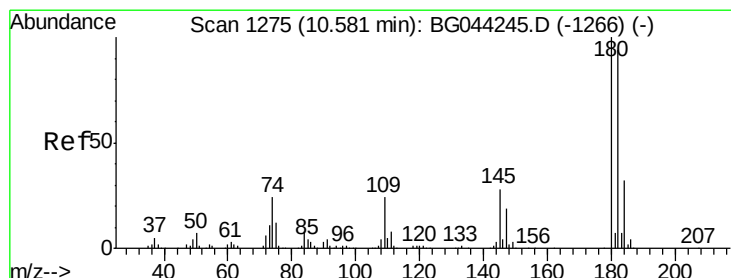
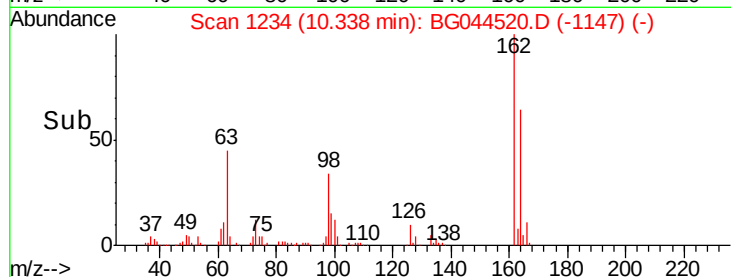
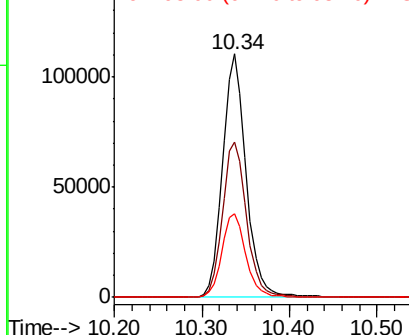


Abundance

Ion 162.00 (161.70 to 162.70): E

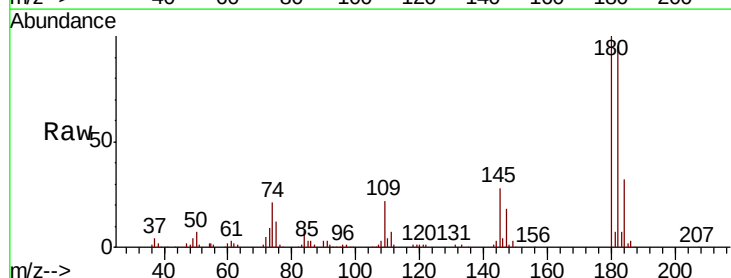
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 41.379 ng
 RT: 10.55 min Scan# 1270
 Delta R.T. -0.02 min
 Lab File: BG044520.D
 Acq: 20 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.5	113.3
145	28.0	22.6	34.0

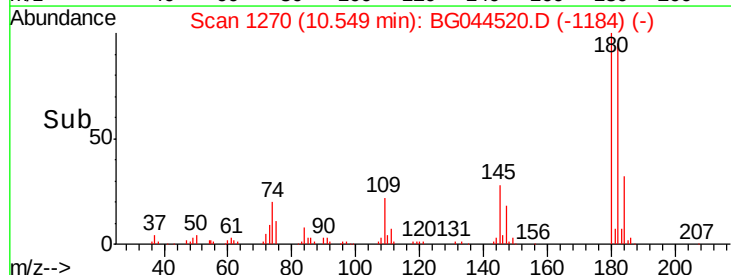
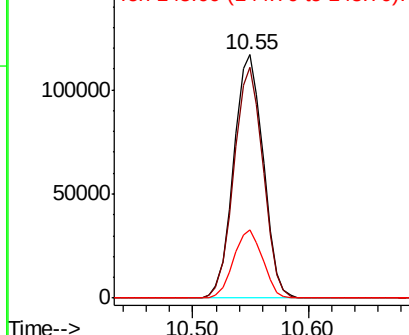


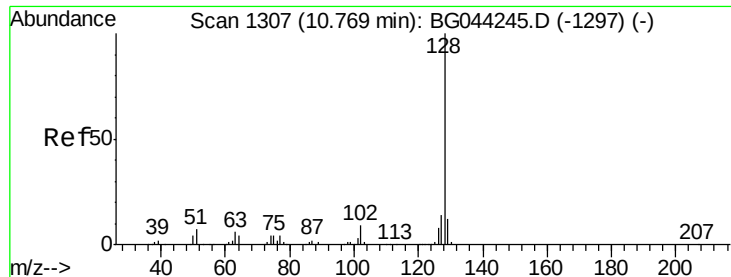
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

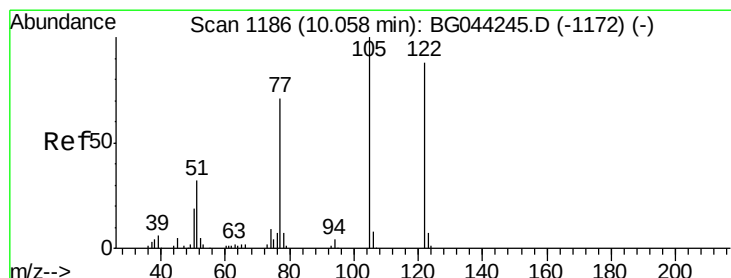
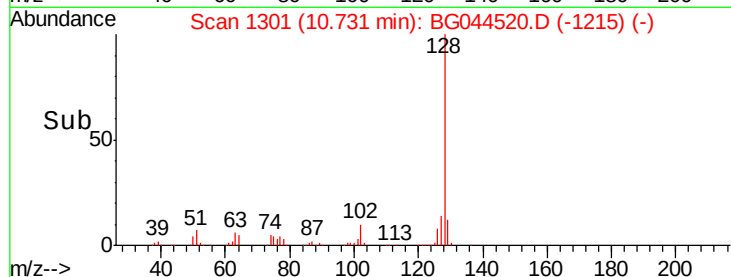
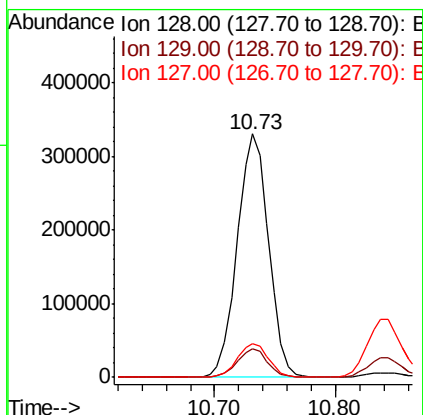
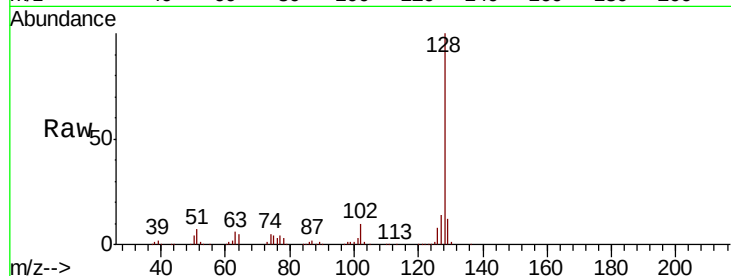




#31
Naphthalene
Concen: 43.123 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG044520.D
Acq: 20 Feb 2020 14:40

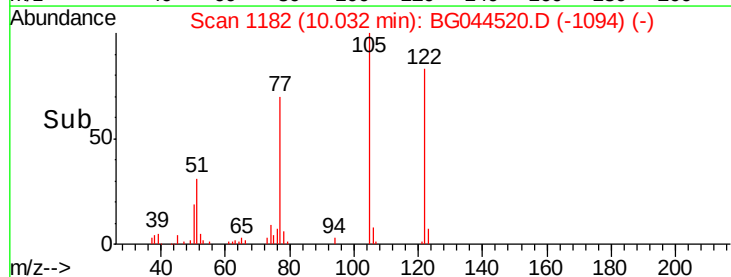
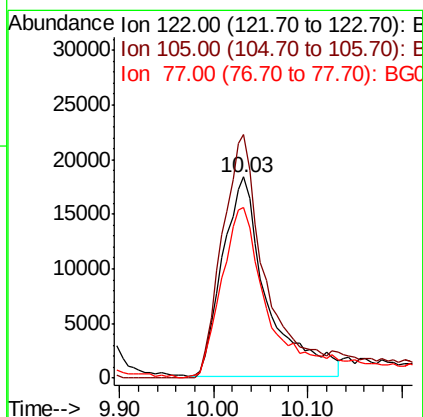
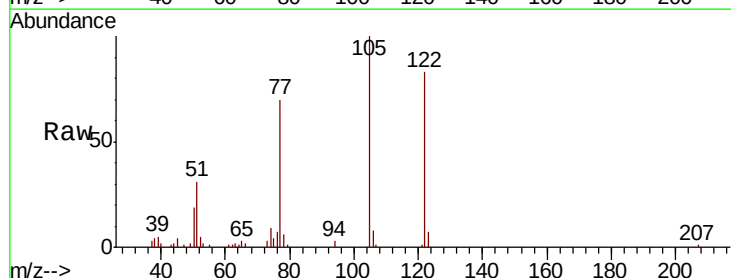
Instrument :
BNA_G
ClientSampled :

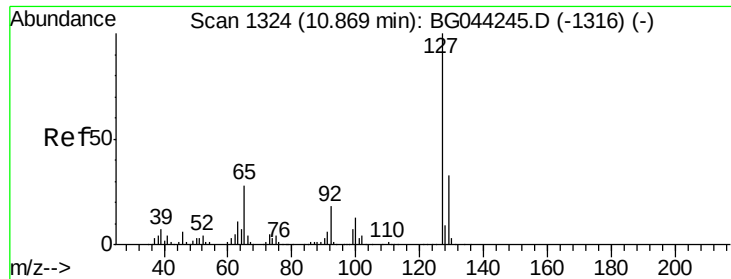
Tot Ion	128	Resp	595165
Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.3	13.9
127	14.0	11.6	17.4



#32
Benzoic acid
Concen: 31.883 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BG044520.D
Acq: 20 Feb 2020 14:40

Tgt Ion	122	Resp	59644
Ion	Ratio	Lower	Upper
122	100		
105	121.1	93.5	133.5
77	85.2	61.0	101.0

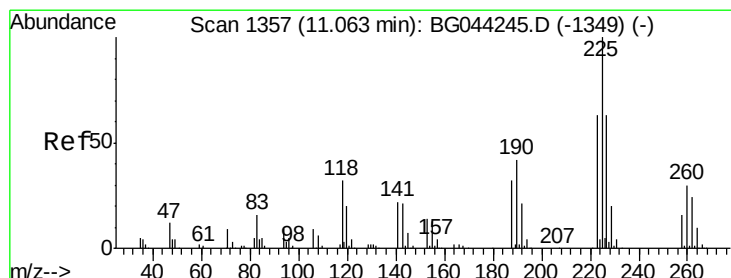
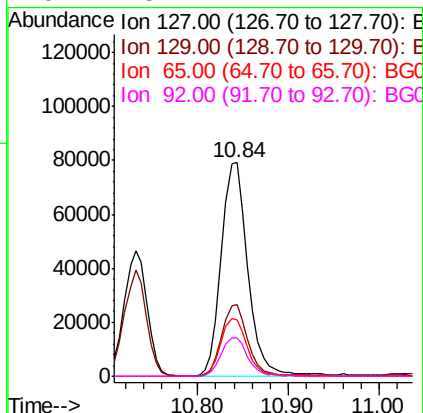
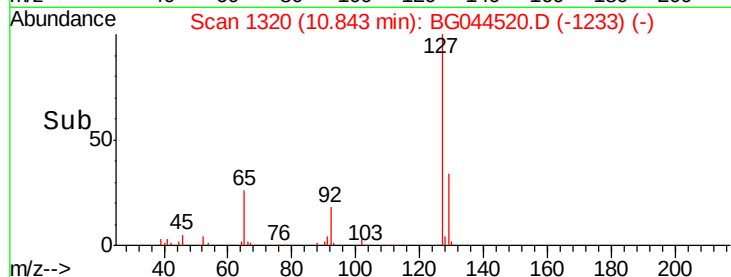
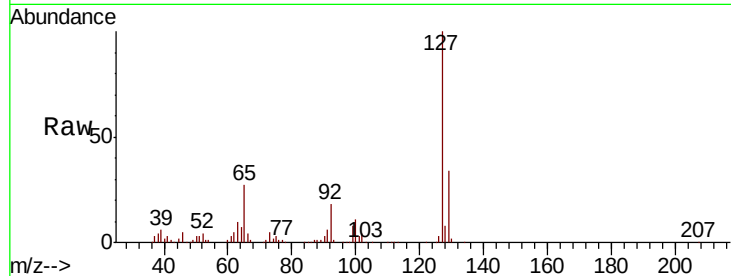




#33
4-Chloroaniline
Concen: 25.854 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG044520.D
Acq: 20 Feb 2020 14:40

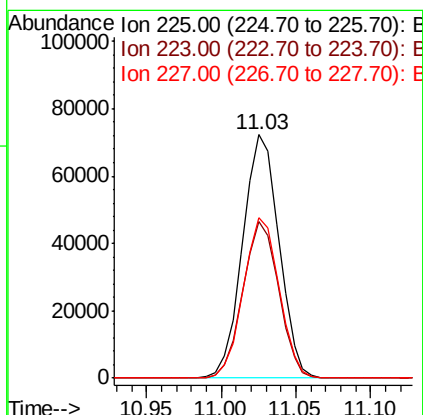
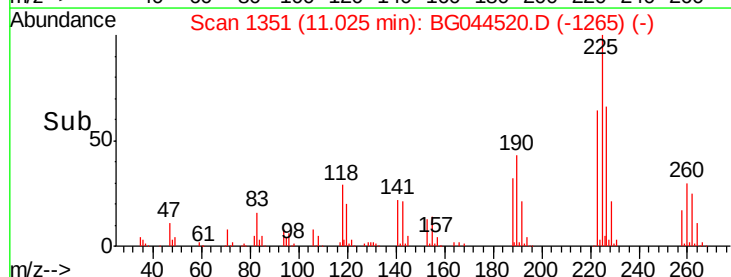
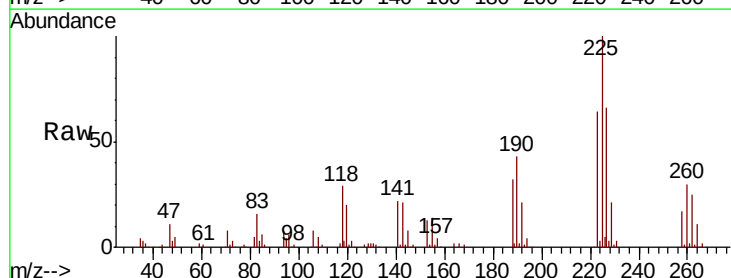
Instrument :
BNA_G
ClientSampleId :

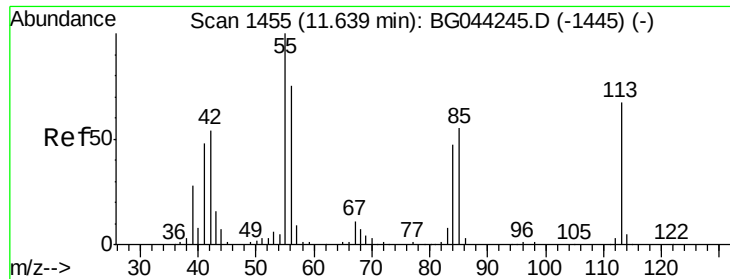
Tot Ion:	127	Resp:	162287
Ion	Ratio	Lower	Upper
127	100		
129	33.9	26.6	40.0
65	26.6	22.5	33.7
92	18.1	14.1	21.1



#34
Hexachlorobutadiene
Concen: 39.658 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG044520.D
Acq: 20 Feb 2020 14:40

Tgt Ion:	225	Resp:	121905
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.2	75.4
227	66.0	50.8	76.2

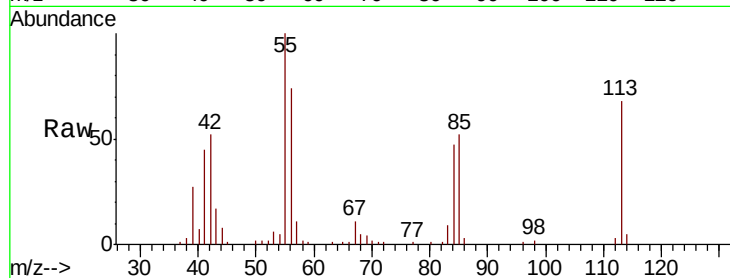




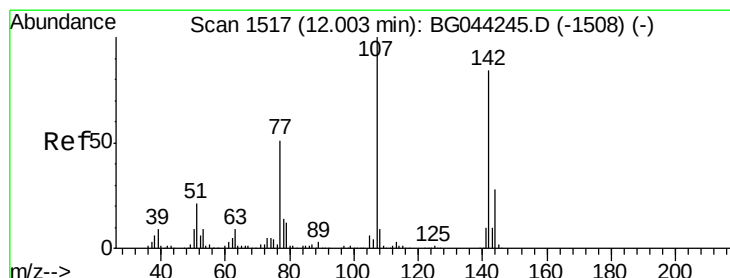
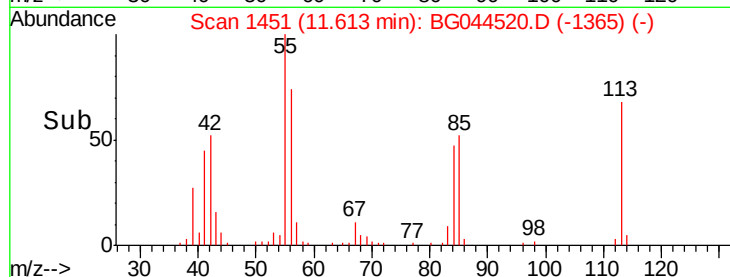
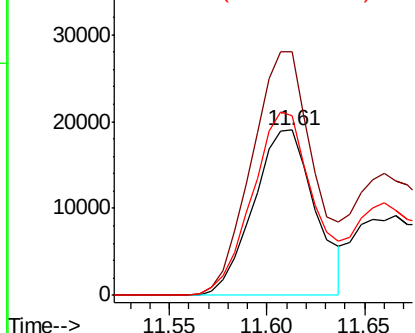
#35
Caprolactam
Concen: 26.037 ng
RT: 11.61 min Scan# 1451
Delta R.T. -0.02 min
Lab File: BG044520.D
Acq: 20 Feb 2020 14:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:113 Resp: 41554
Ion Ratio Lower Upper
113 100
55 147.6 129.9 169.9
56 108.8 92.5 132.5

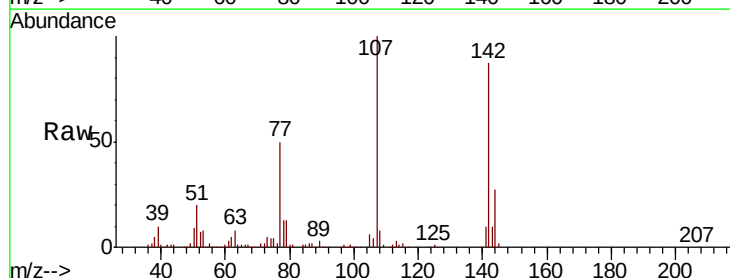


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG
Ion 56.00 (55.70 to 56.70): BG

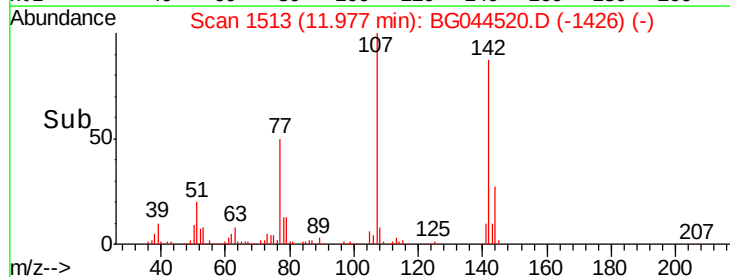
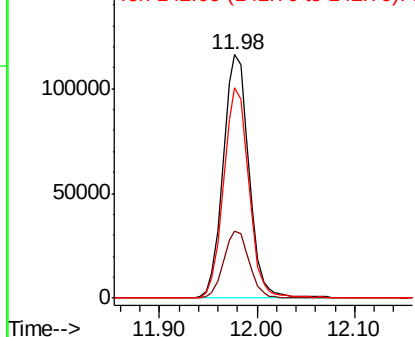


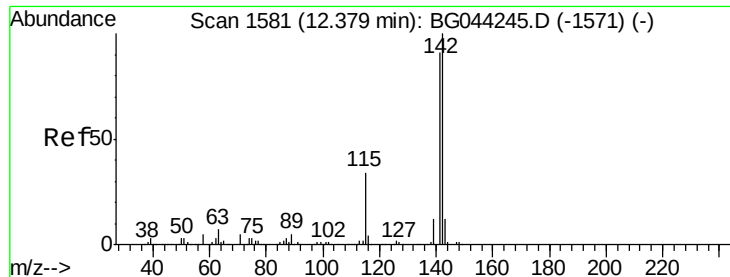
#36
4-Chloro-3-methylphenol
Concen: 46.695 ng
RT: 11.98 min Scan# 1513
Delta R.T. -0.02 min
Lab File: BG044520.D
Acq: 20 Feb 2020 14:40

Tgt Ion:107 Resp: 213294
Ion Ratio Lower Upper
107 100
144 27.4 22.2 33.4
142 86.6 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

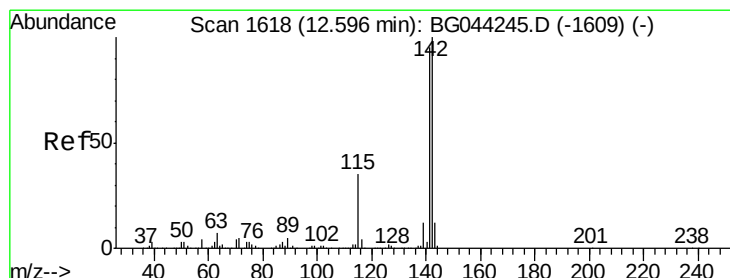
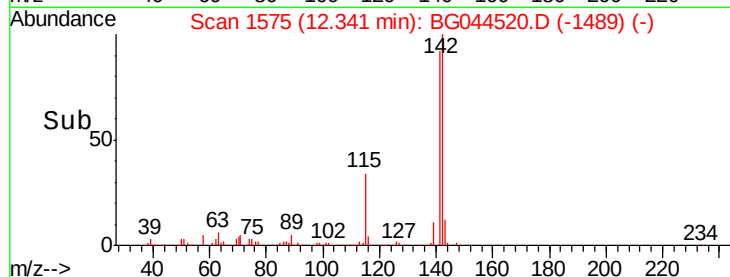
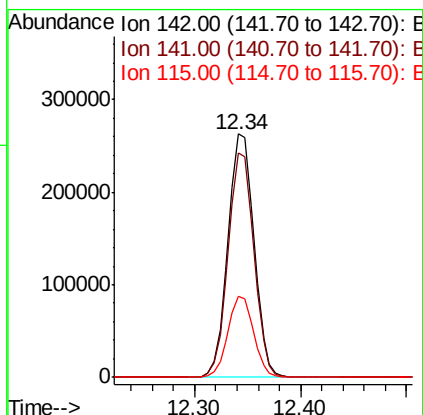
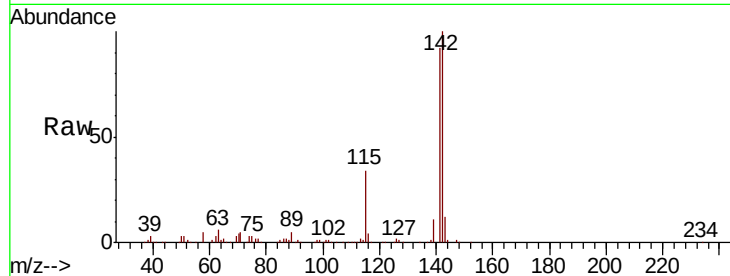




#37
2-Methylnaphthalene
Concen: 43.716 ng
RT: 12.34 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BG044520.D
Acq: 20 Feb 2020 14:40

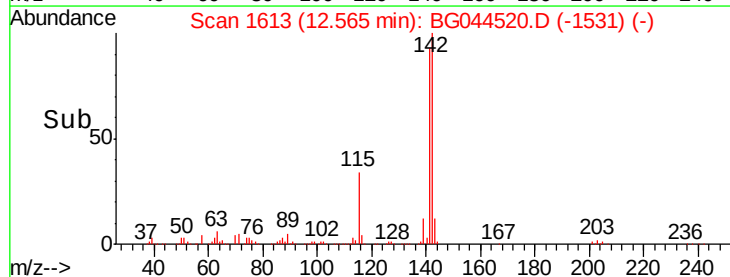
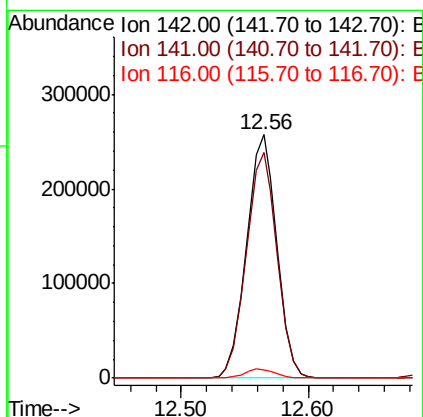
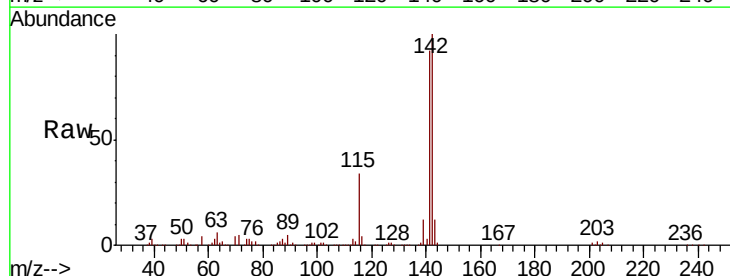
Instrument :
BNA_G
ClientSampleId :

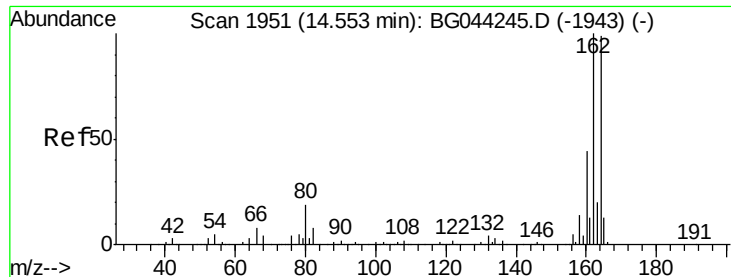
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.2	109.8
115	33.6	27.1	40.7



#38
1-Methylnaphthalene
Concen: 44.133 ng
RT: 12.56 min Scan# 1613
Delta R.T. -0.02 min
Lab File: BG044520.D
Acq: 20 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	75.8	113.6
116	3.6	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: BG044520.D

Acq: 20 Feb 2020 14:40

Instrument :

BNA_G

ClientSampleId :

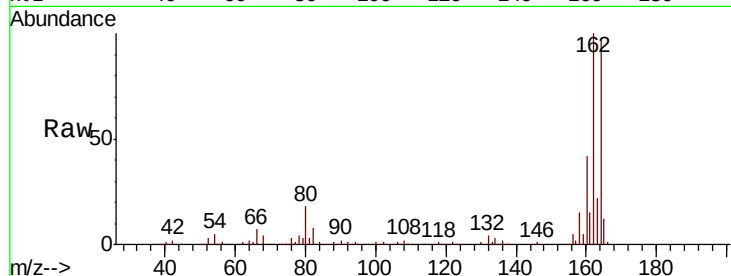
Tot Ion:164 Resp: 192986

Ion Ratio Lower Upper

164 100

162 103.2 80.7 121.1

160 43.4 35.3 52.9

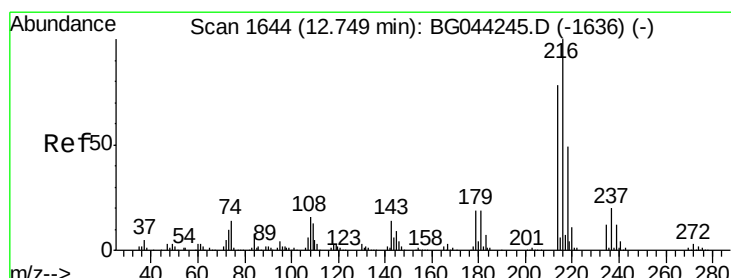
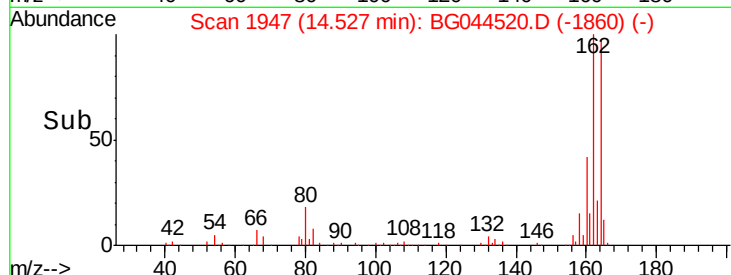
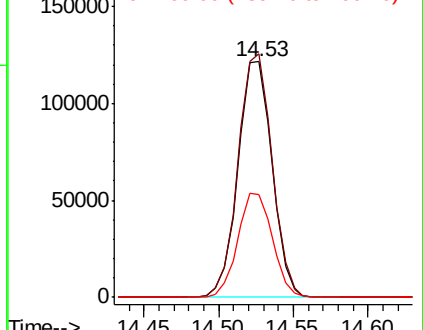


Abundance

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: 39.105 ng

RT: 12.72 min Scan# 1639

Delta R.T. -0.02 min

Lab File: BG044520.D

Acq: 20 Feb 2020 14:40

Tgt Ion:216 Resp: 225748

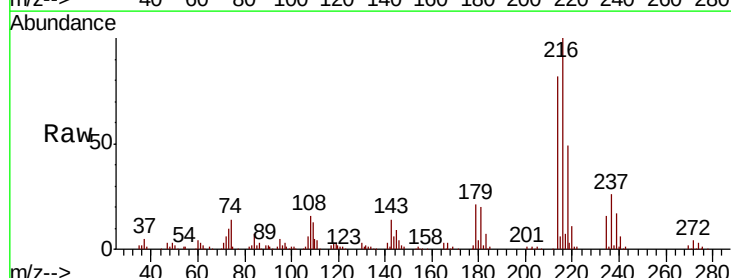
Ion Ratio Lower Upper

216 100

214 79.6 63.0 94.6

179 20.3 16.2 24.4

108 17.7 13.5 20.3



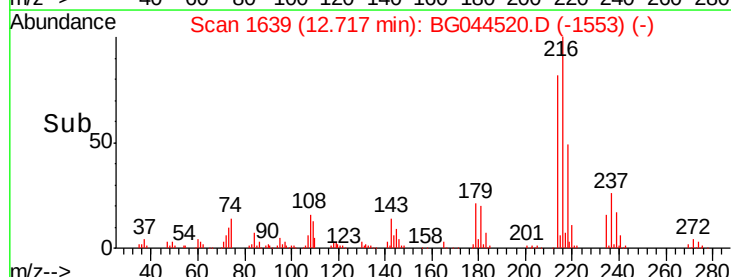
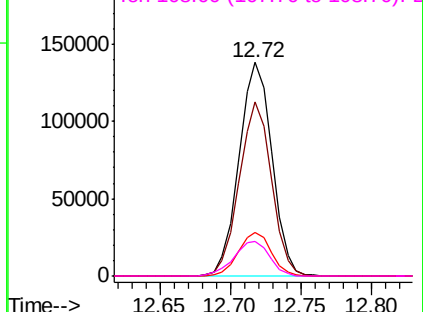
Abundance

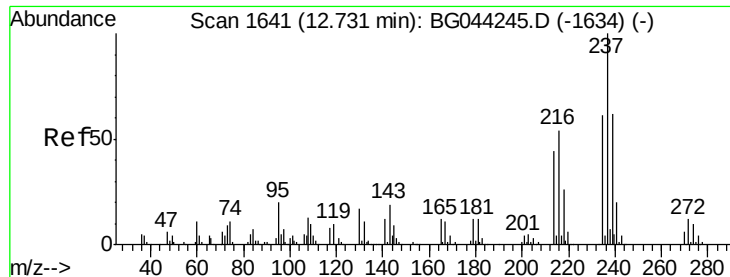
Ion 216.00 (215.70 to 216.70): E

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

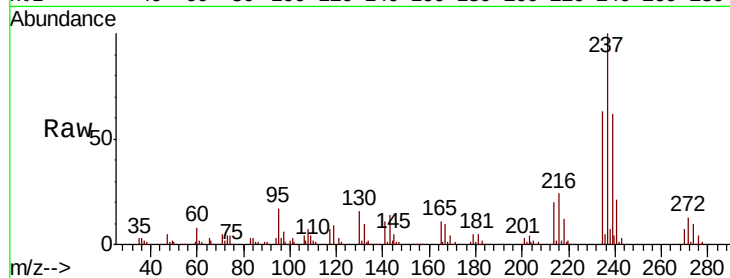




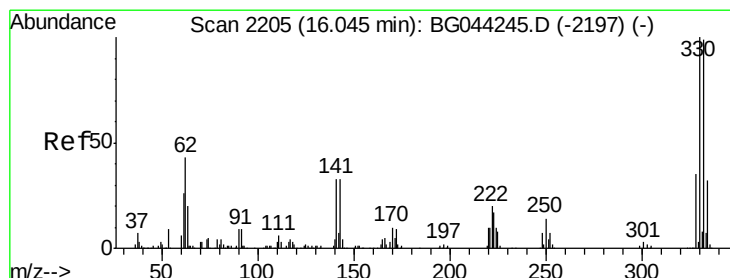
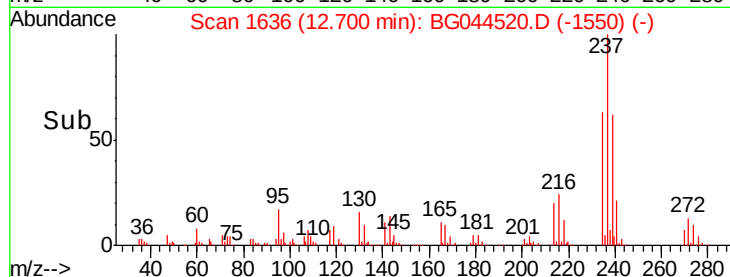
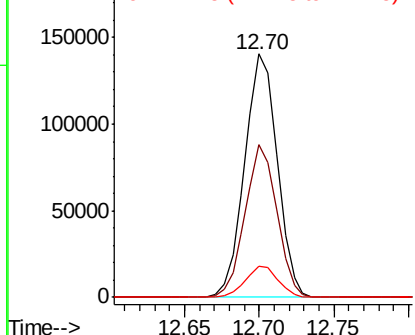
#41
Hexachlorocyclopentadiene
Concen: 76.474 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.02 min
Lab File: BG044520.D
Acq: 20 Feb 2020 14:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 211833
Ion Ratio Lower Upper
237 100
235 62.6 41.2 81.2
272 12.9 0.0 32.4

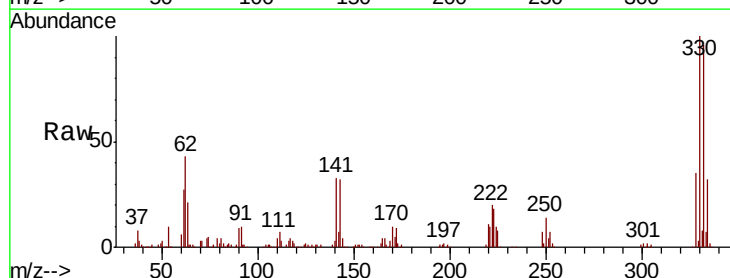


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

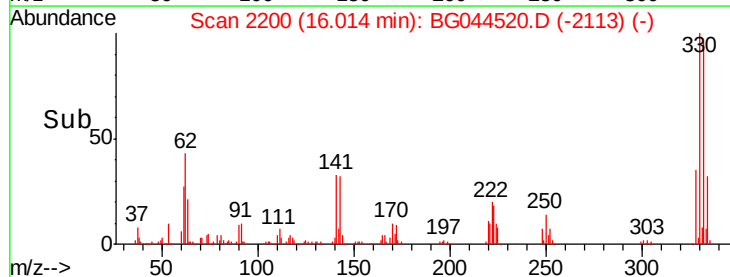
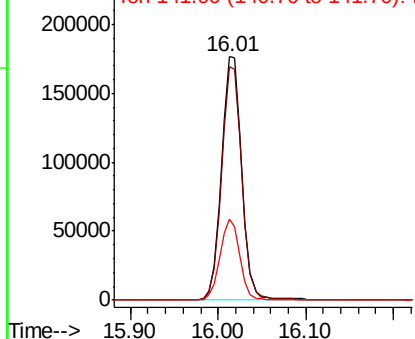


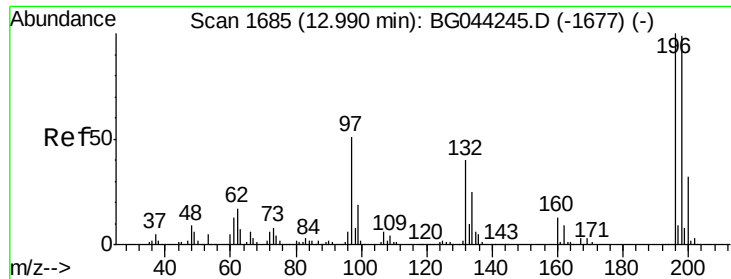
#42
2,4,6-Tribromophenol
Concen: 124.816 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BG044520.D
Acq: 20 Feb 2020 14:40

Tgt Ion:330 Resp: 282777
Ion Ratio Lower Upper
330 100
332 95.8 77.2 115.8
141 32.6 28.3 42.5



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

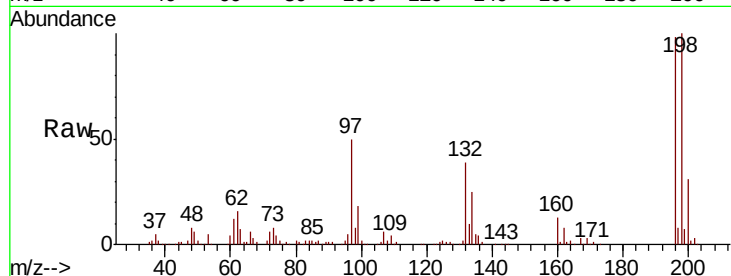




#43
 2,4,6-Trichlorophenol
 Concen: 43.669 ng
 RT: 12.96 min Scan# 1680
 Delta R.T. -0.02 min
 Lab File: BG044520.D
 Acq: 20 Feb 2020 14:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	162948
Ion Ratio	Lower	Upper	
196	100		
198	102.1	79.3	118.9
200	31.4	25.7	38.5

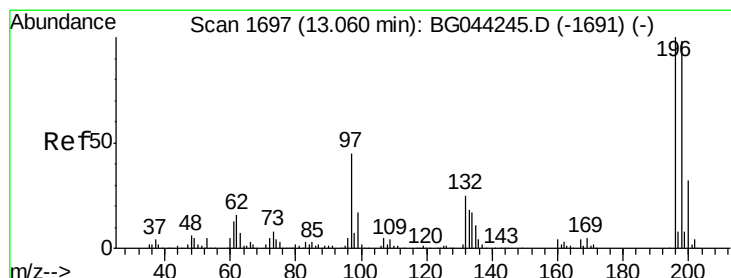
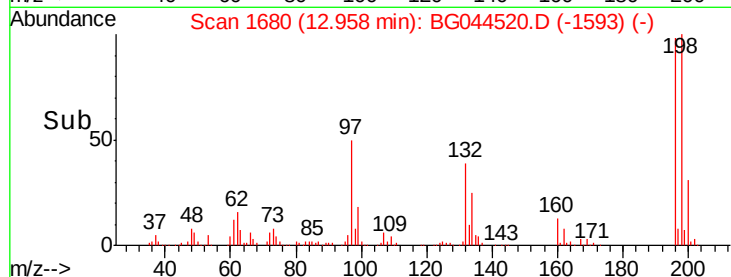
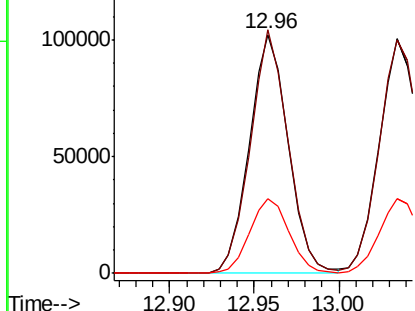


Abundance

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: 45.997 ng
 RT: 13.03 min Scan# 1693
 Delta R.T. -0.02 min
 Lab File: BG044520.D
 Acq: 20 Feb 2020 14:40

Tgt Ion	196	Resp	175308
Ion Ratio	Lower	Upper	
196	100		
198	99.3	78.2	117.2
97	44.2	36.2	54.4
132	25.1	20.2	30.4

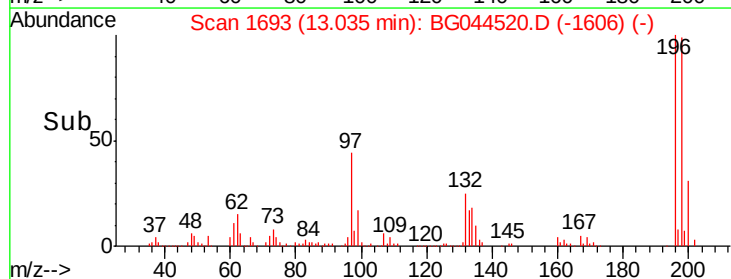
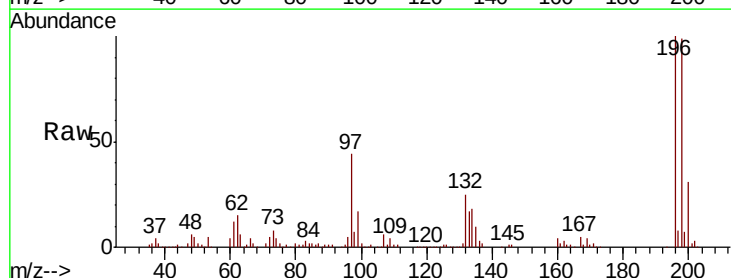
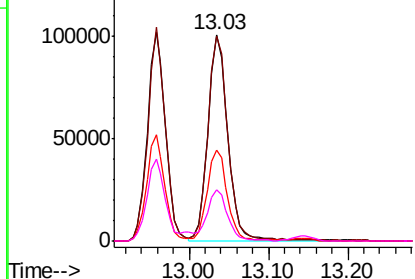
Abundance

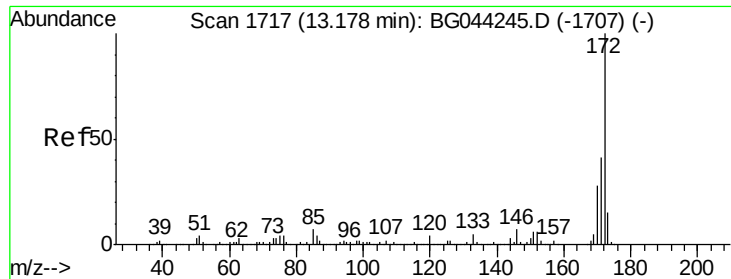
Ion 196.00 (195.70 to 196.70): E

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

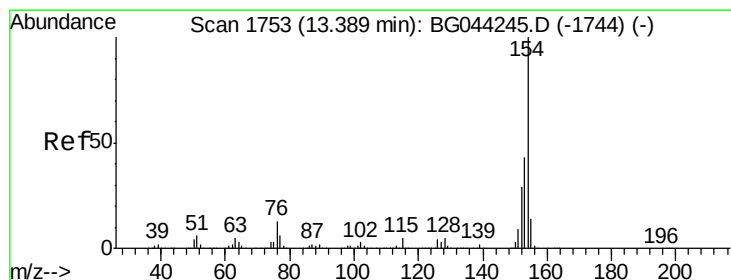
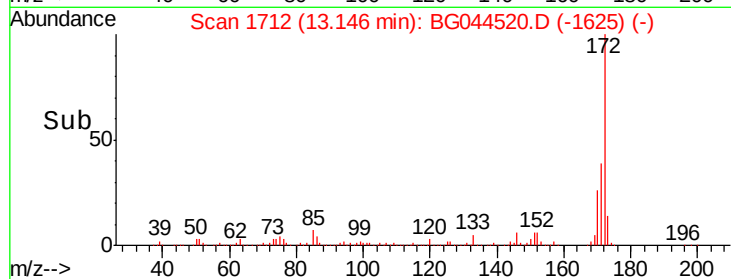
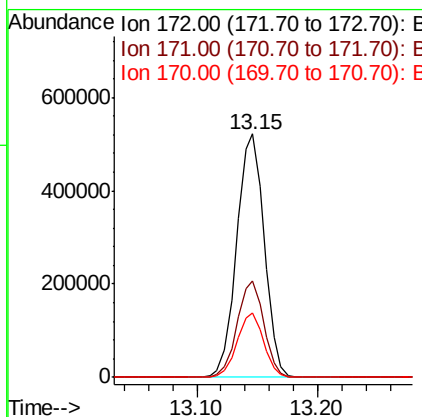
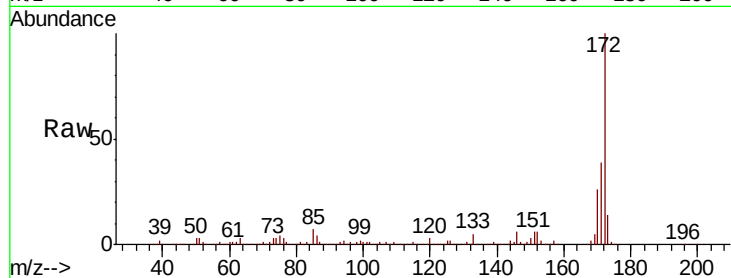




#45
2-Fluorobiphenyl
Concen: 71.920 ng
RT: 13.15 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BG044520.D
Acq: 20 Feb 2020 14:40

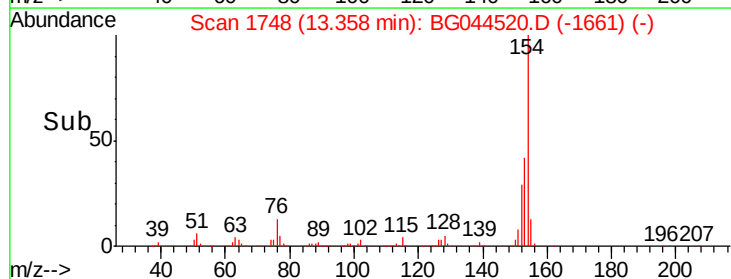
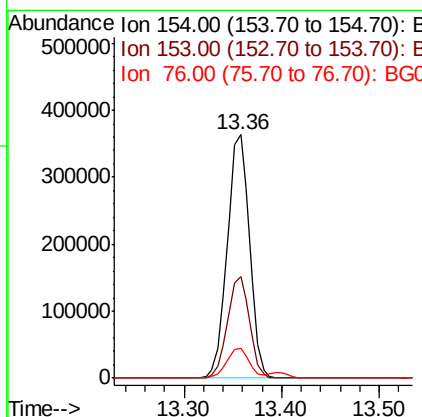
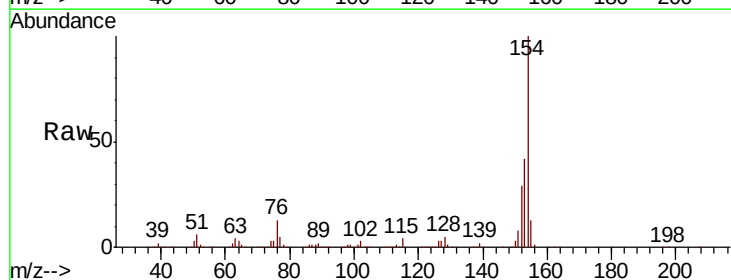
Instrument :
BNA_G
ClientSampleId :

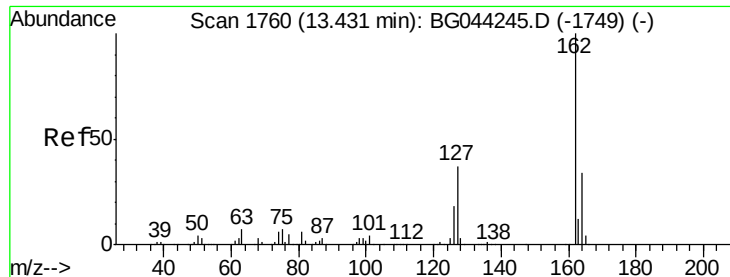
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.3	32.9	49.3
170	26.2	22.0	33.0



#46
1,1'-Biphenyl
Concen: 41.163 ng
RT: 13.36 min Scan# 1748
Delta R.T. -0.02 min
Lab File: BG044520.D
Acq: 20 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	22.7	62.7
76	12.5	0.0	32.9

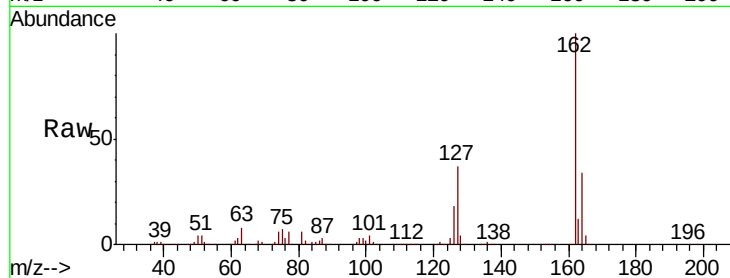




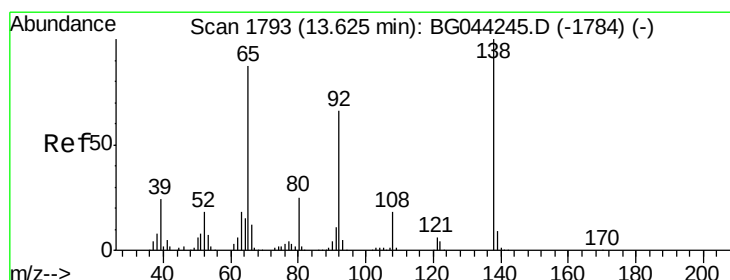
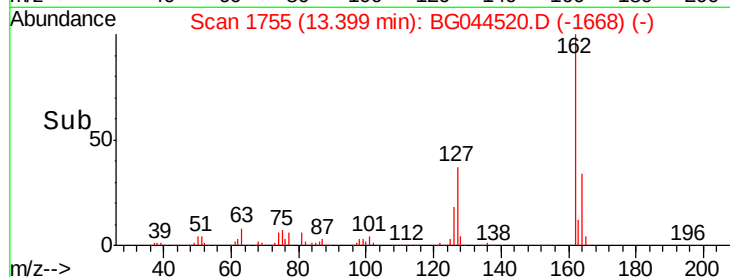
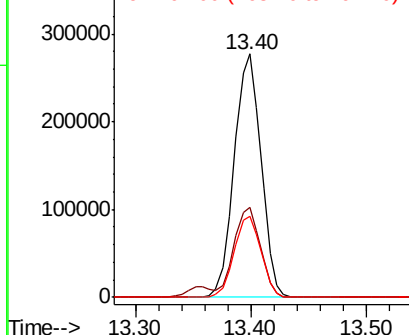
#47
2-Chloronaphthalene
Concen: 40.236 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG044520.D
Acq: 20 Feb 2020 14:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.9	30.0	45.0
164	33.5	27.2	40.8

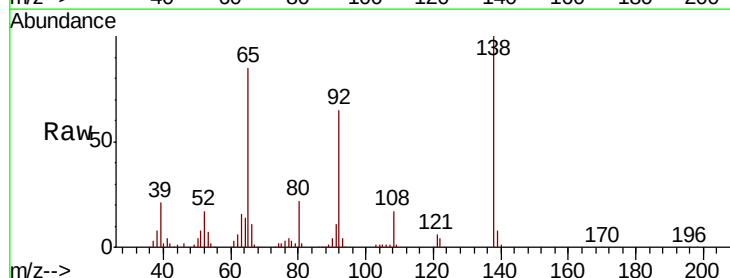


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

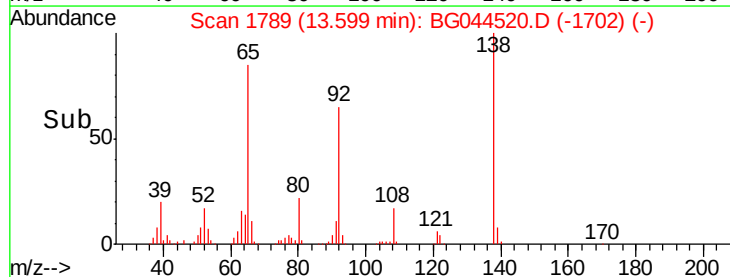
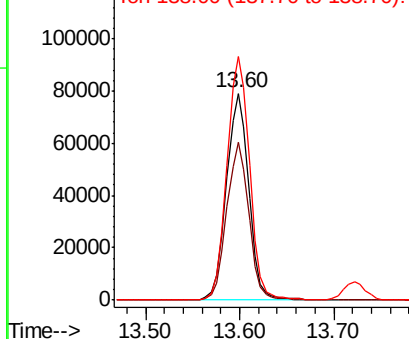


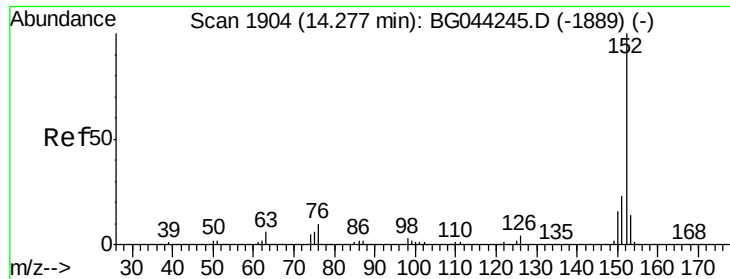
#48
2-Nitroaniline
Concen: 39.892 ng
RT: 13.60 min Scan# 1789
Delta R.T. -0.02 min
Lab File: BG044520.D
Acq: 20 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.4	60.3	90.5
138	117.9	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: 43.705 ng

RT: 14.24 min Scan# 1899

Delta R.T. -0.02 min

Lab File: BG044520.D

Acq: 20 Feb 2020 14:40

Instrument :

BNA_G

ClientSampleId :

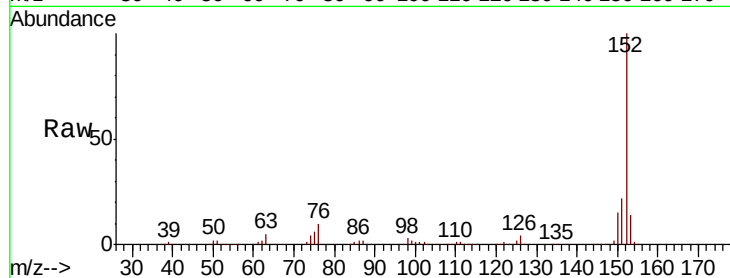
Tot Ion:152 Resp: 710076

Ion Ratio Lower Upper

152 100

151 22.4 18.1 27.1

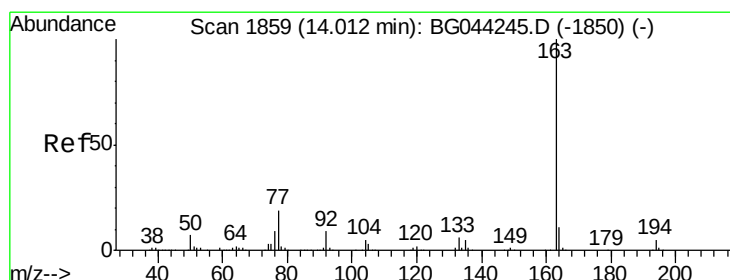
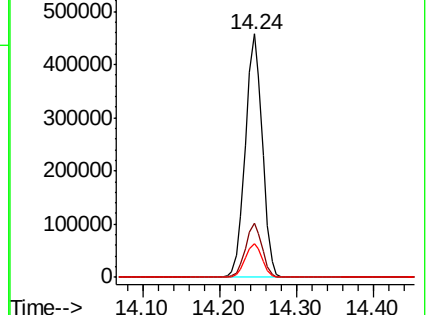
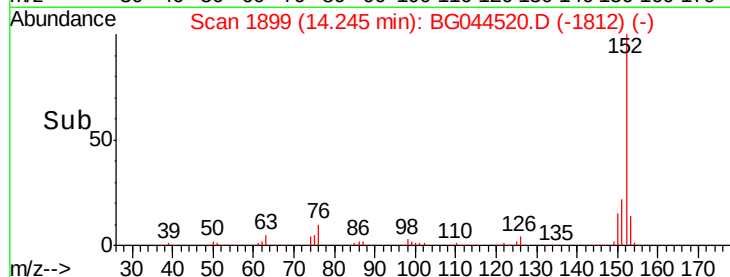
153 13.8 11.5 17.3



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: 41.257 ng

RT: 13.98 min Scan# 1854

Delta R.T. -0.02 min

Lab File: BG044520.D

Acq: 20 Feb 2020 14:40

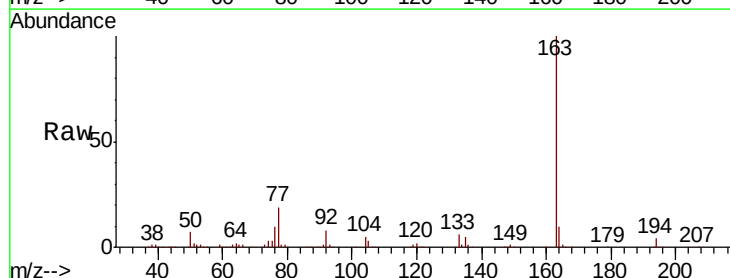
Tgt Ion:163 Resp: 572328

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

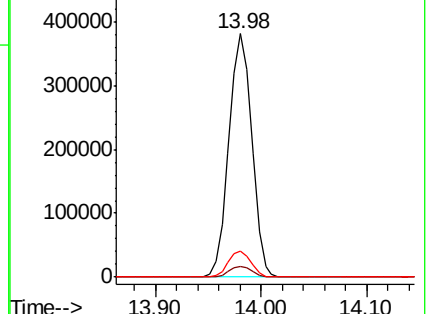
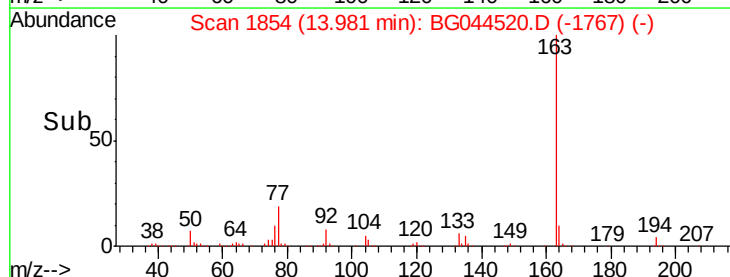
164 10.5 8.7 13.1

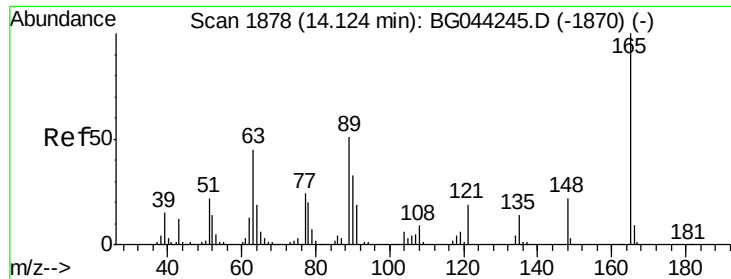


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

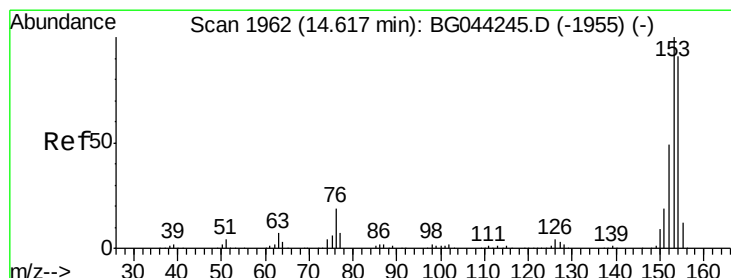
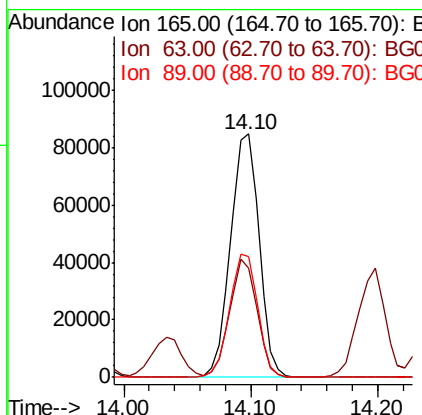
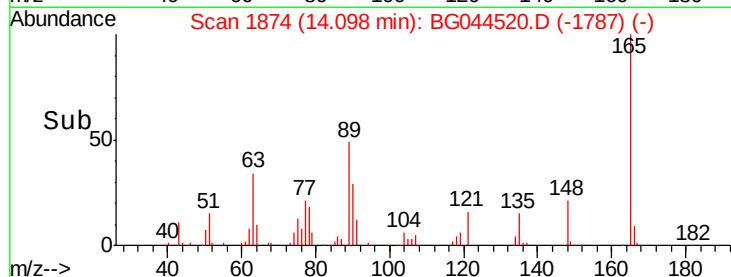
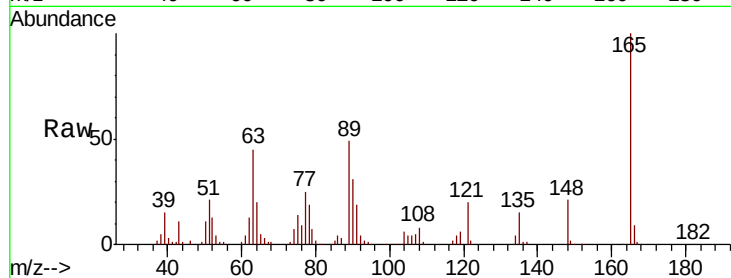




#51
2,6-Dinitrotoluene
Concen: 42.641 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.02 min
Lab File: BG044520.D
Acq: 20 Feb 2020 14:40

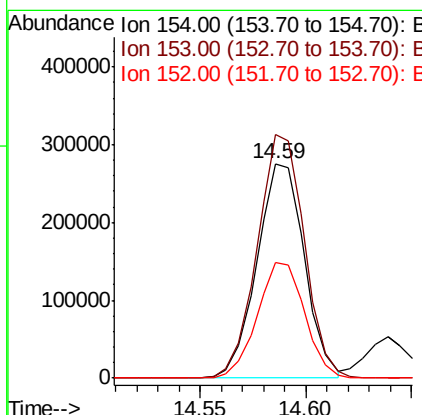
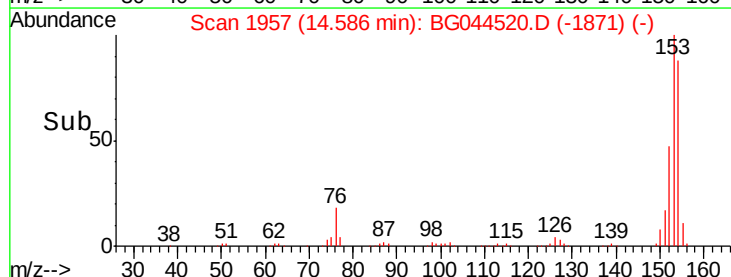
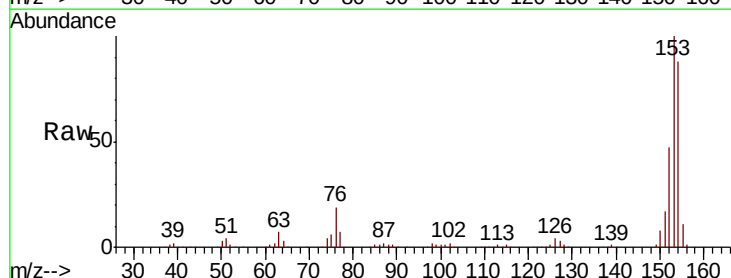
Instrument :
BNA_G
ClientSampleId :

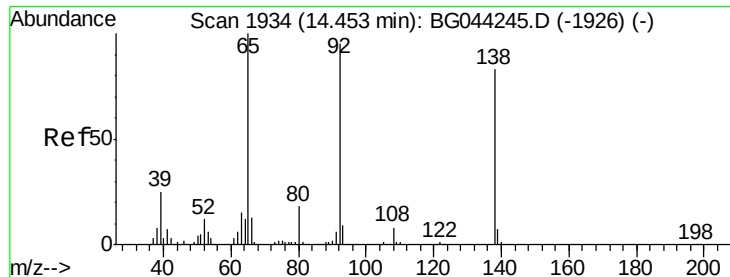
Tot Ion:165 Resp: 131893
Ion Ratio Lower Upper
165 100
63 44.6 38.7 58.1
89 49.5 40.4 60.6



#52
Acenaphthene
Concen: 40.894 ng
RT: 14.59 min Scan# 1957
Delta R.T. -0.02 min
Lab File: BG044520.D
Acq: 20 Feb 2020 14:40

Tgt Ion:154 Resp: 430650
Ion Ratio Lower Upper
154 100
153 113.4 87.9 131.9
152 53.7 43.1 64.7

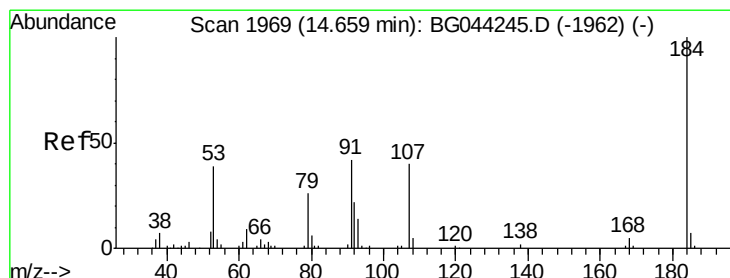
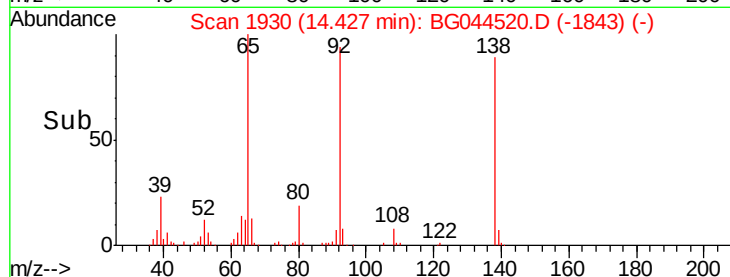
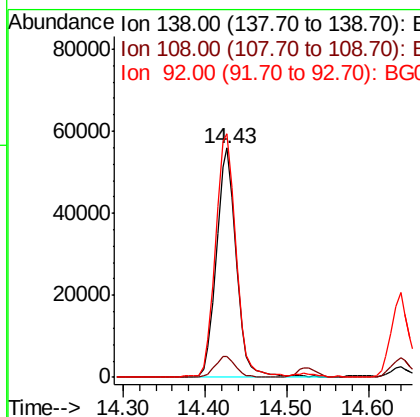
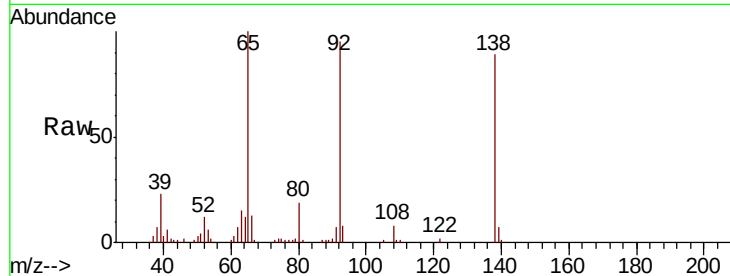




#53
 3-Nitroaniline
 Concen: 27.783 ng
 RT: 14.43 min Scan# 1930
 Delta R.T. -0.02 min
 Lab File: BG044520.D
 Acq: 20 Feb 2020 14:40

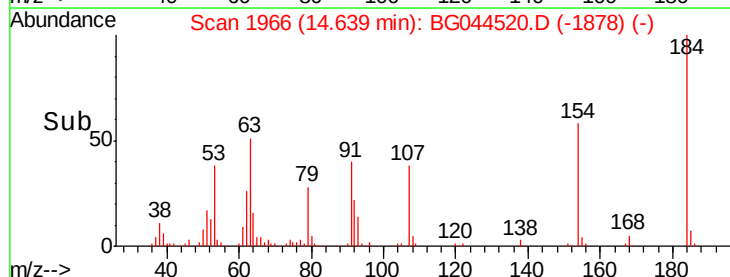
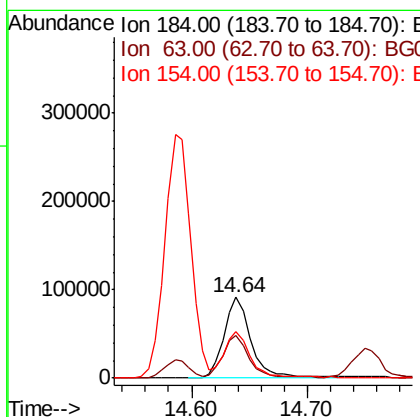
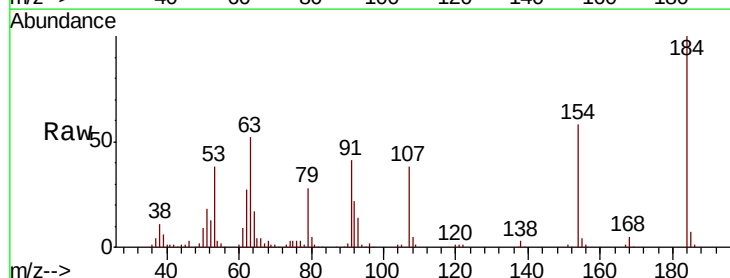
Instrument :
 BNA_G
 ClientSampleId :

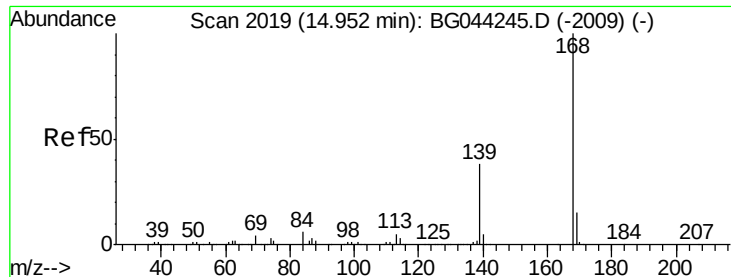
Tot Ion:138 Resp: 95074
 Ion Ratio Lower Upper
 138 100
 108 9.3 7.9 11.9
 92 106.3 91.0 136.4



#54
 2,4-Dinitrophenol
 Concen: 81.182 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.01 min
 Lab File: BG044520.D
 Acq: 20 Feb 2020 14:40

Tgt Ion:184 Resp: 149017
 Ion Ratio Lower Upper
 184 100
 63 51.9 44.1 66.1
 154 58.0 45.4 68.0

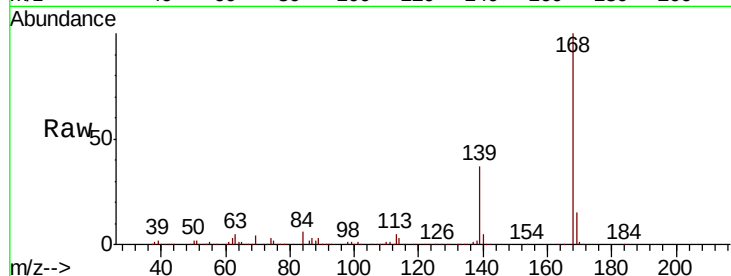




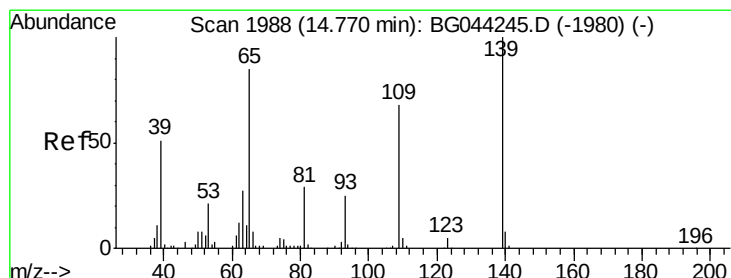
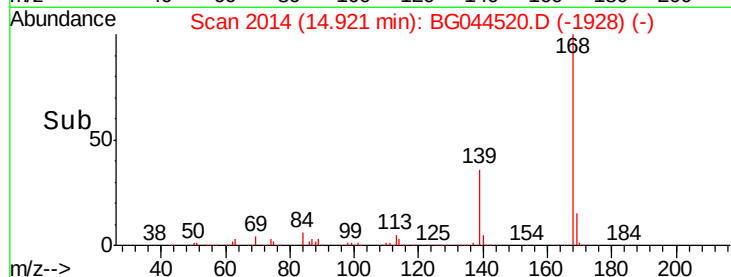
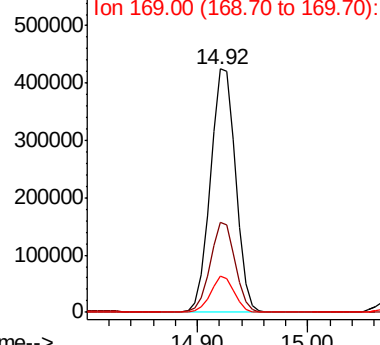
#55
Dibenzofuran
Concen: 42.800 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BG044520.D
Acq: 20 Feb 2020 14:40

Instrument :
BNA_G
ClientSampled :

Tot Ion:168 Resp: 682406
Ion Ratio Lower Upper
168 100
139 37.0 30.5 45.7
169 14.6 11.7 17.5

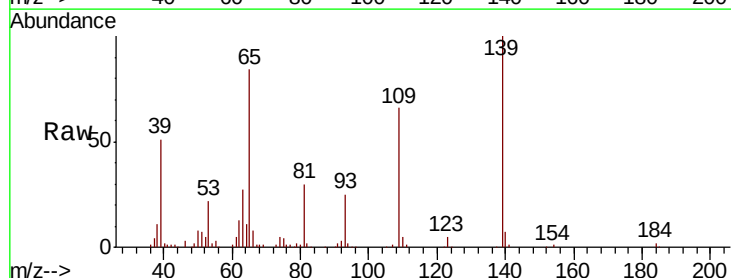


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

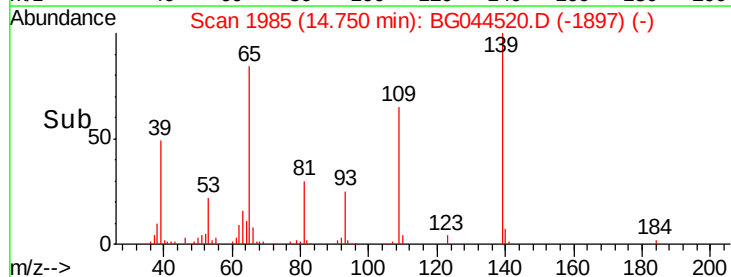
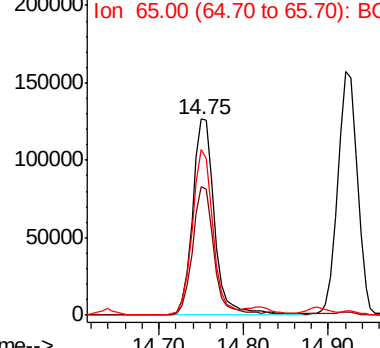


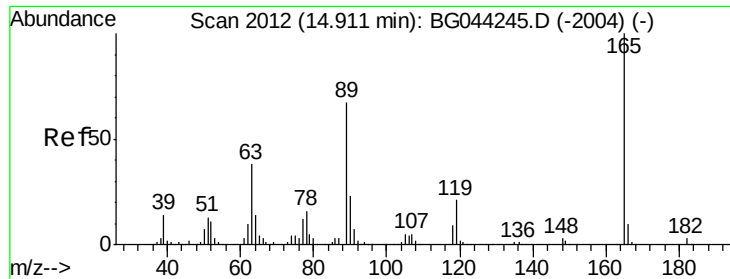
#56
4-Nitrophenol
Concen: 92.235 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG044520.D
Acq: 20 Feb 2020 14:40

Tgt Ion:139 Resp: 231201
Ion Ratio Lower Upper
139 100
109 65.9 47.5 87.5
65 84.4 64.9 104.9



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

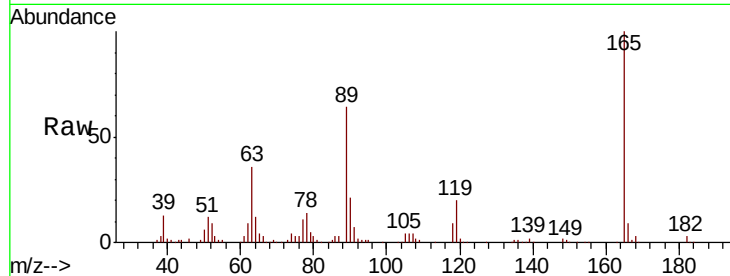




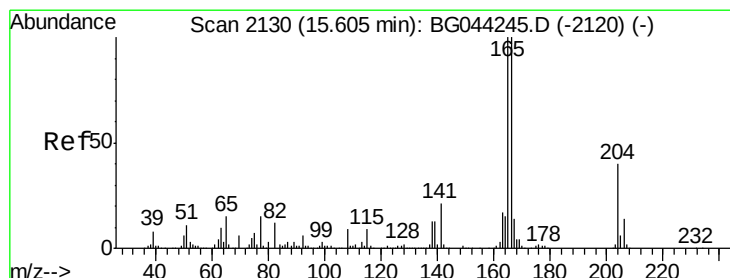
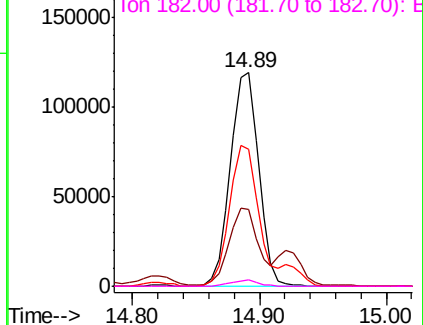
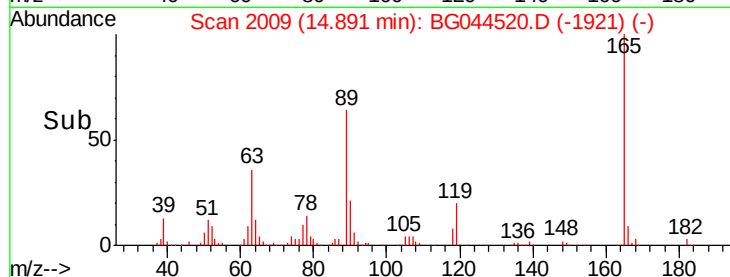
#57
2,4-Dinitrotoluene
Concen: 42.331 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG044520.D
Acq: 20 Feb 2020 14:40

Instrument :
BNA_G
ClientSampled :

Tot Ion:165	Resp:	183515
Ion Ratio	Lower	Upper
165	100	
63	36.1	30.3 45.5
89	64.0	53.4 80.2
182	2.9	2.1 3.1

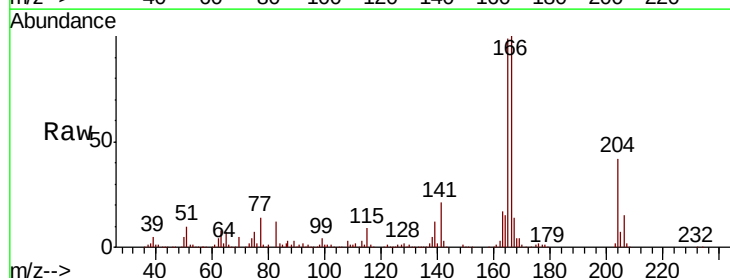


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

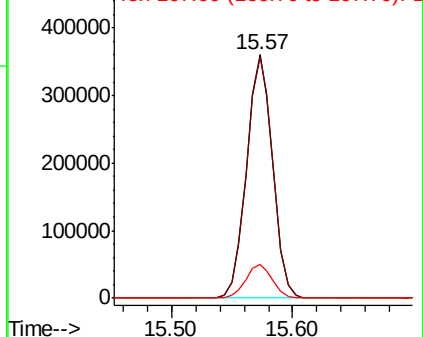
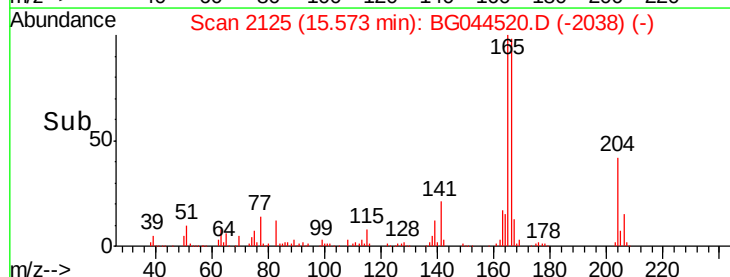


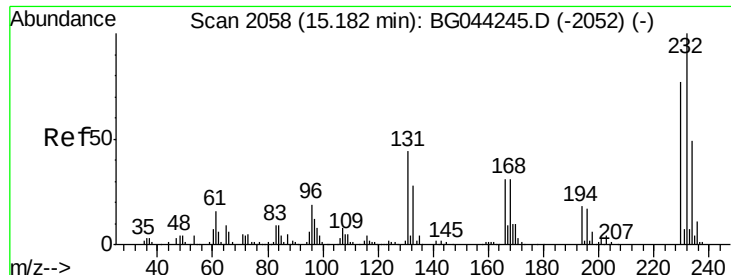
#58
Fluorene
Concen: 42.885 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BG044520.D
Acq: 20 Feb 2020 14:40

Tgt Ion:166	Resp:	538556
Ion Ratio	Lower	Upper
166	100	
165	99.2	79.9 119.9
167	14.0	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

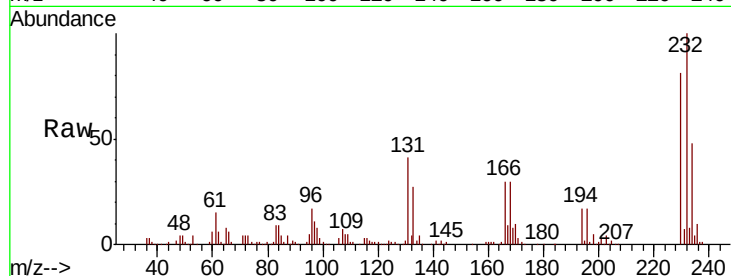




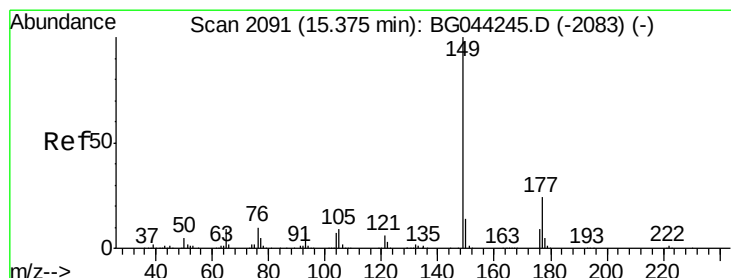
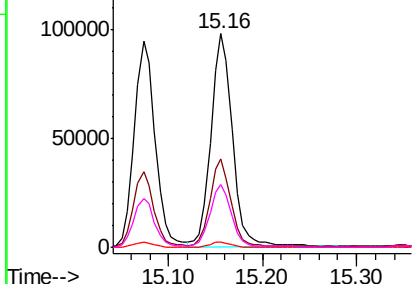
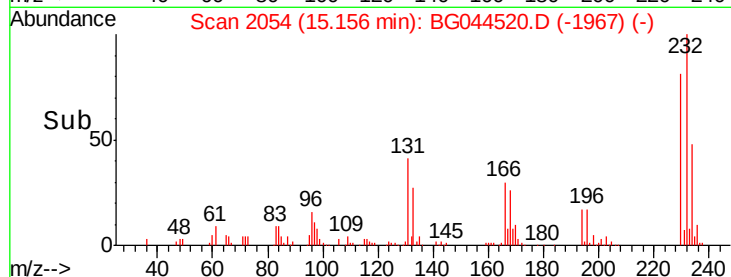
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.836 ng
 RT: 15.16 min Scan# 2054
 Delta R.T. -0.02 min
 Lab File: BG044520.D
 Acq: 20 Feb 2020 14:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:232 Resp: 157794
 Ion Ratio Lower Upper
 232 100
 131 40.3 34.2 51.4
 130 2.2 1.8 2.8
 166 29.5 23.8 35.8

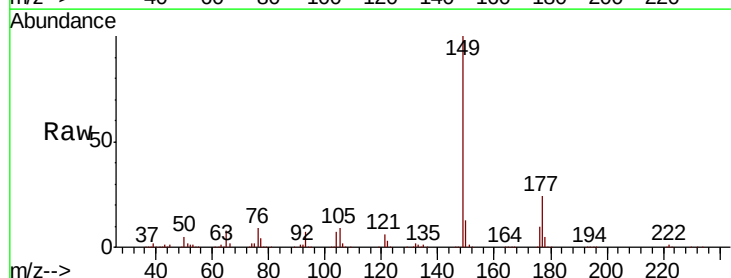


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

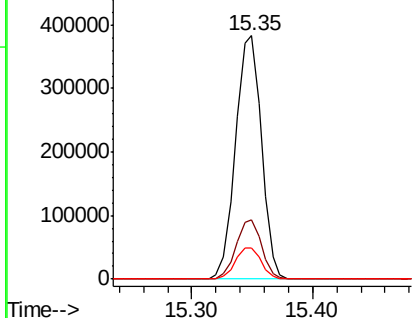
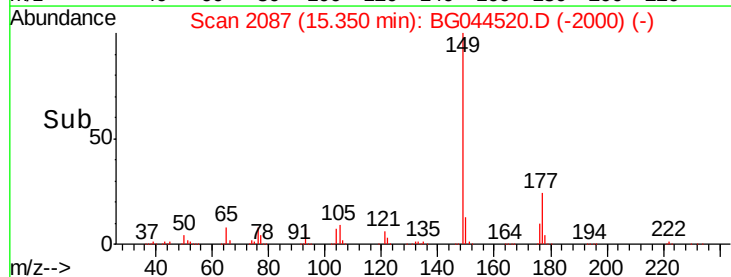


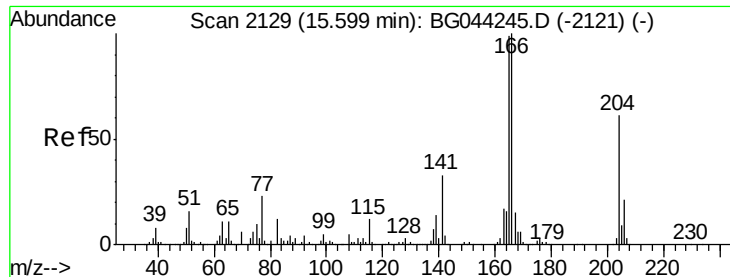
#60
 Diethylphthalate
 Concen: 41.581 ng
 RT: 15.35 min Scan# 2087
 Delta R.T. -0.02 min
 Lab File: BG044520.D
 Acq: 20 Feb 2020 14:40

Tgt Ion:149 Resp: 574760
 Ion Ratio Lower Upper
 149 100
 177 24.4 19.4 29.0
 150 12.6 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

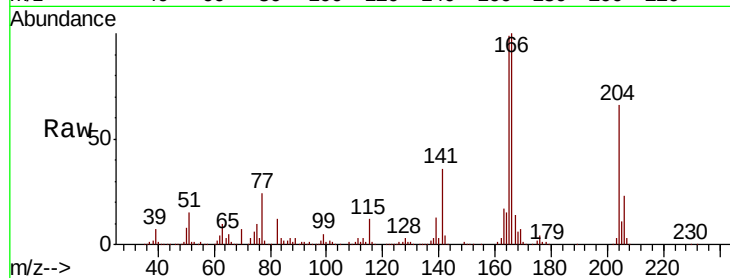




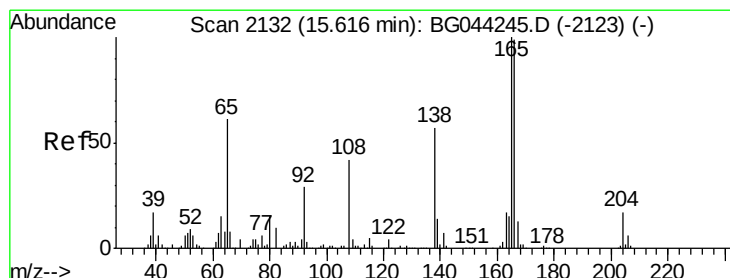
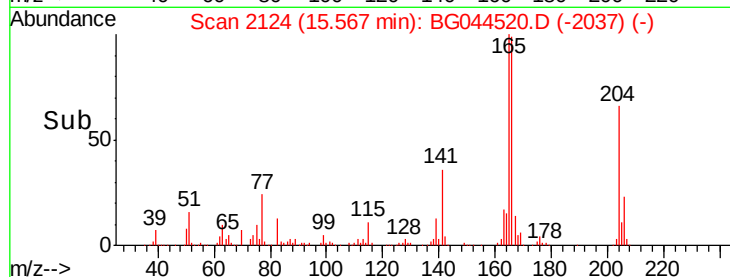
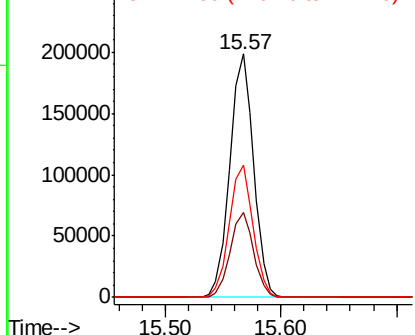
#61
4-Chlorophenyl-phenylether
Concen: 41.524 ng
RT: 15.57 min Scan# 2124
Delta R.T. -0.02 min
Lab File: BG044520.D
Acq: 20 Feb 2020 14:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 282741
Ion Ratio Lower Upper
204 100
206 34.8 27.6 41.4
141 54.3 43.4 65.0

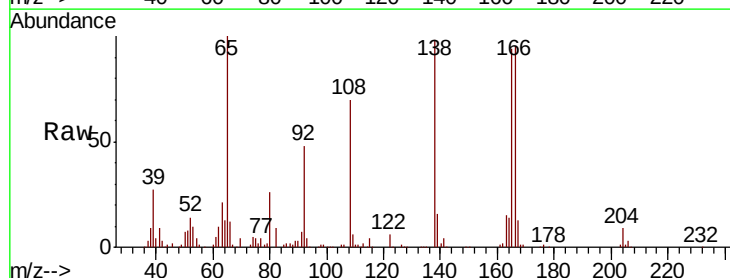


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

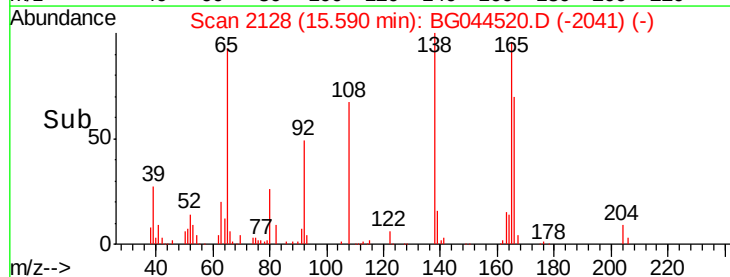
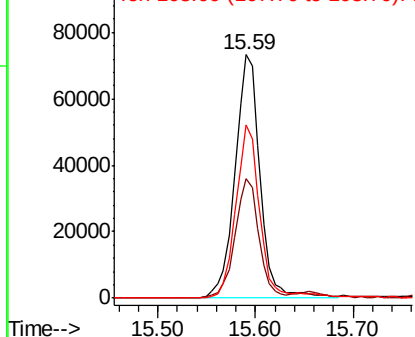


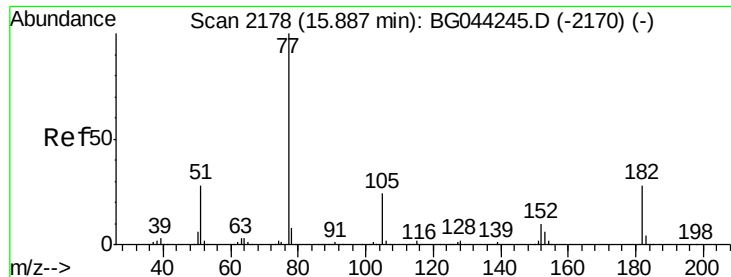
#62
4-Nitroaniline
Concen: 38.126 ng
RT: 15.59 min Scan# 2128
Delta R.T. -0.02 min
Lab File: BG044520.D
Acq: 20 Feb 2020 14:40

Tgt Ion:138 Resp: 130369
Ion Ratio Lower Upper
138 100
92 49.2 31.3 71.3
108 71.1 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: 41.632 ng

RT: 15.86 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BG044520.D

Acq: 20 Feb 2020 14:40

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 504362

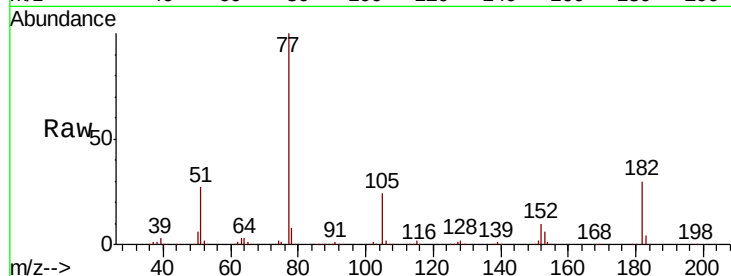
Ion Ratio Lower Upper

77 100

182 30.0 8.2 48.2

105 23.6 3.6 43.6

51 26.9 8.3 48.3

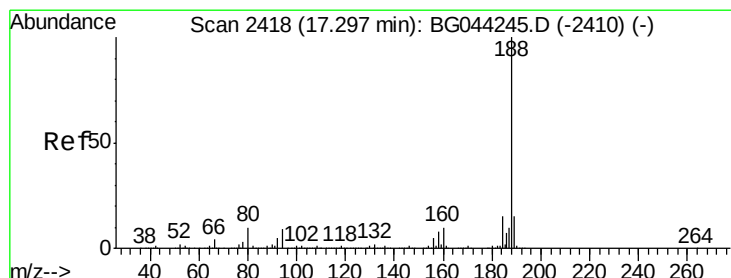
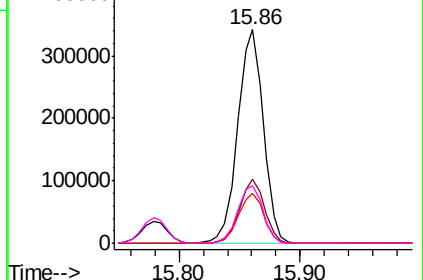
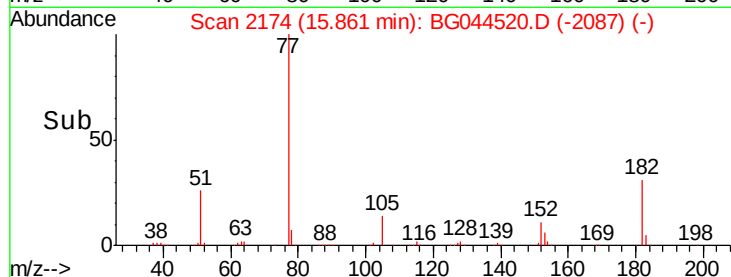


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.27 min Scan# 2414

Delta R.T. -0.02 min

Lab File: BG044520.D

Acq: 20 Feb 2020 14:40

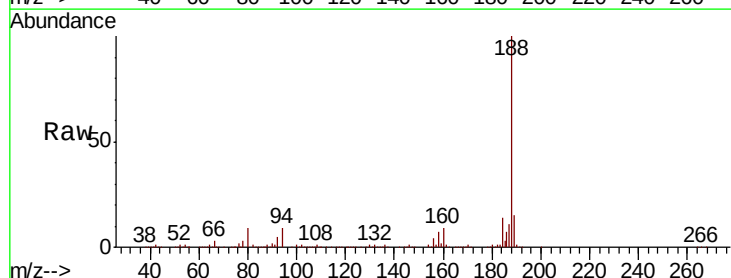
Tgt Ion: 188 Resp: 423754

Ion Ratio Lower Upper

188 100

94 8.8 7.4 11.2

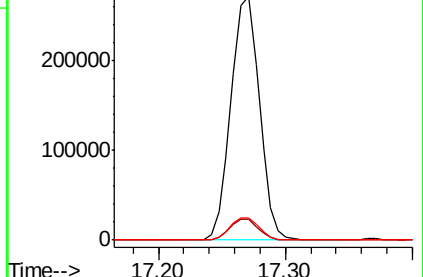
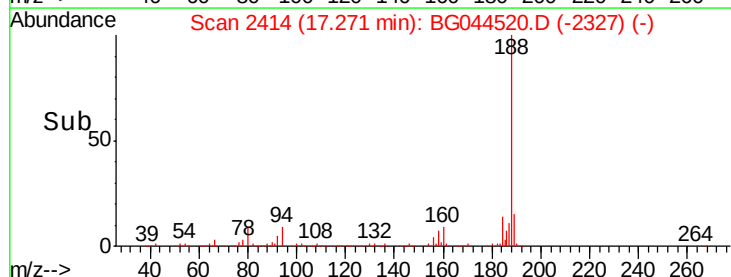
80 9.3 7.7 11.5

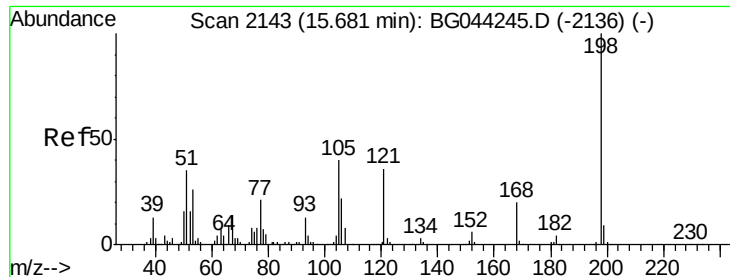


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 48.656 ng

RT: 15.66 min Scan# 2139

Delta R.T. -0.02 min

Lab File: BG044520.D

Acq: 20 Feb 2020 14:40

Instrument :

BNA_G

ClientSampled :

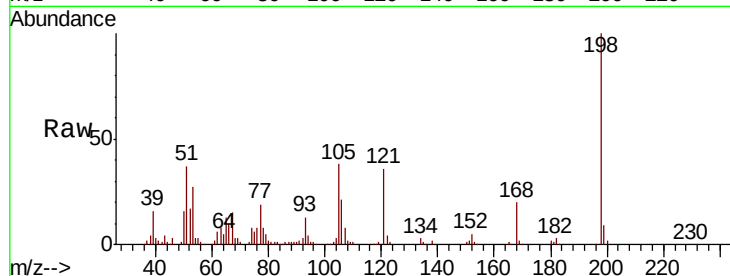
Tot Ion:198 Resp: 113813

Ion Ratio Lower Upper

198 100

51 36.5 16.6 56.6

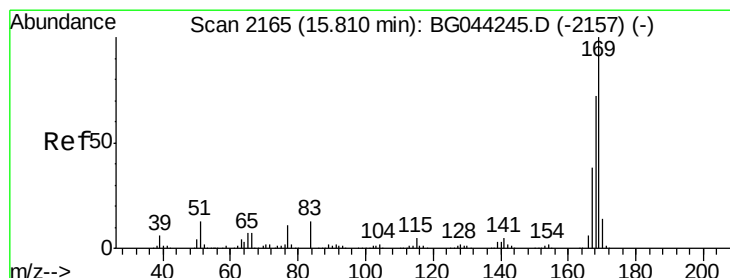
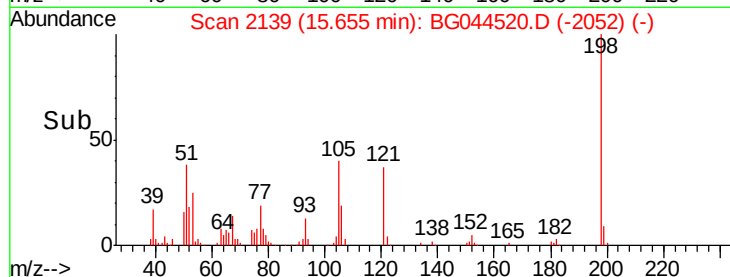
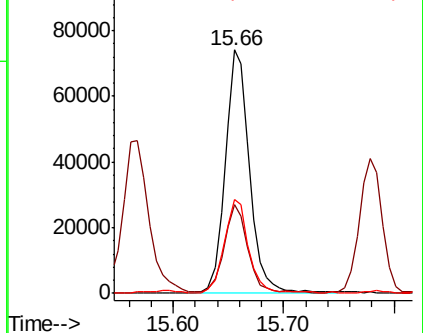
105 38.3 20.6 60.6



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: 42.438 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.02 min

Lab File: BG044520.D

Acq: 20 Feb 2020 14:40

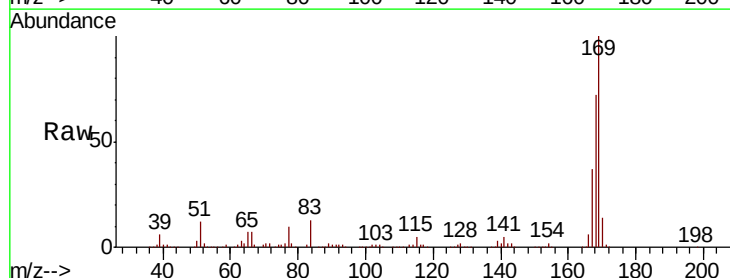
Tgt Ion:169 Resp: 503975

Ion Ratio Lower Upper

169 100

168 71.6 57.9 86.9

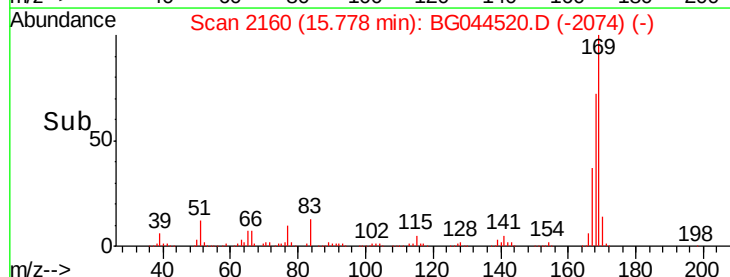
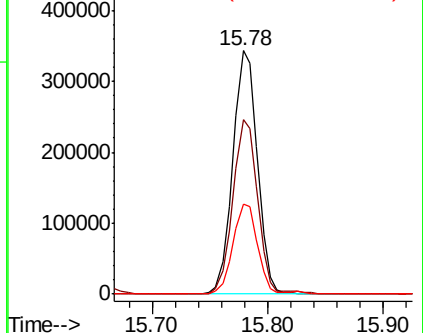
167 37.0 30.7 46.1

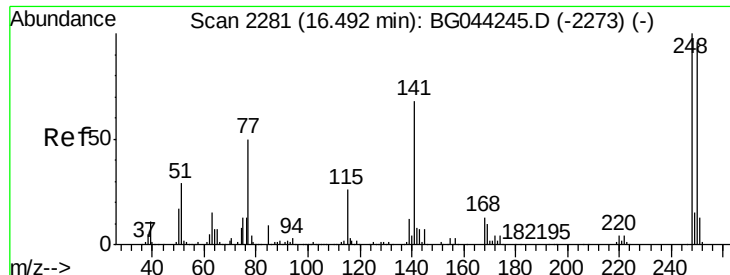


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

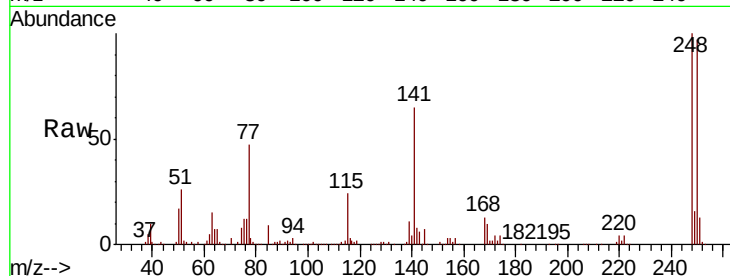




#67
 4-Bromophenyl-phenylether
 Concen: 40.975 ng
 RT: 16.46 min Scan# 2276
 Delta R.T. -0.02 min
 Lab File: BG044520.D
 Acq: 20 Feb 2020 14:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	76.6	114.8
141	65.1	54.7	82.1

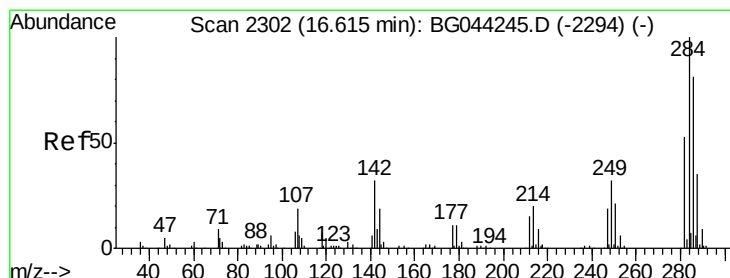
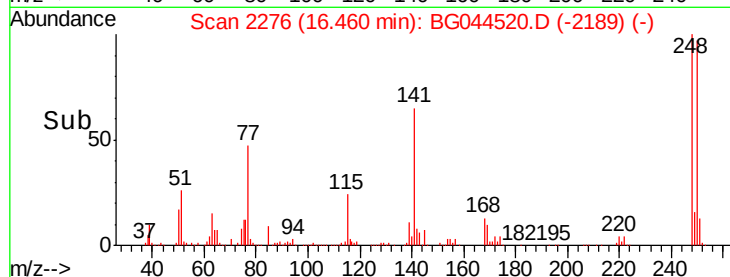
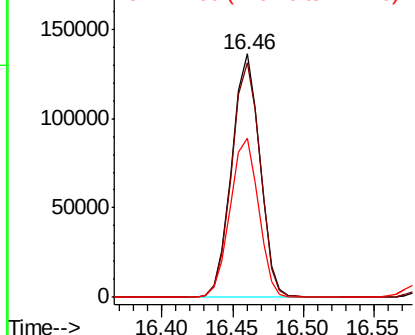


Abundance

Ion 248.00 (247.70 to 248.70): E

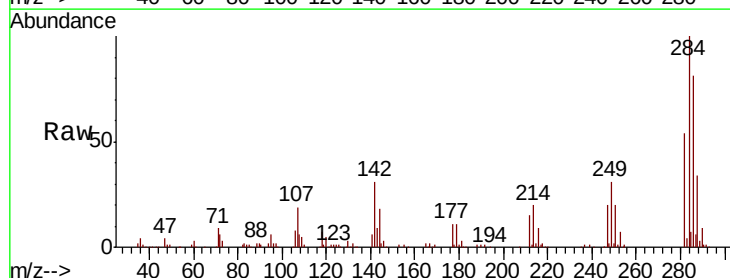
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 40.745 ng
 RT: 16.58 min Scan# 2297
 Delta R.T. -0.02 min
 Lab File: BG044520.D
 Acq: 20 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.8	25.3	37.9
249	31.2	25.5	38.3

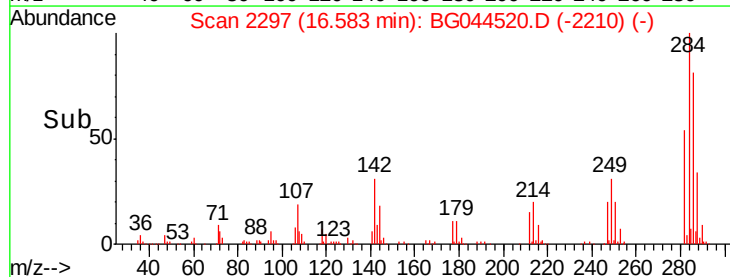
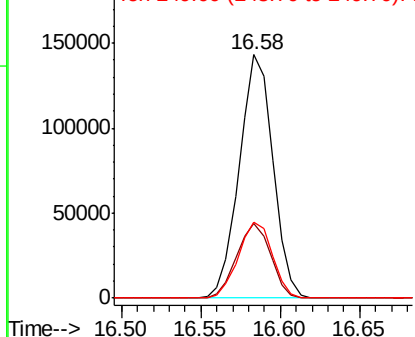


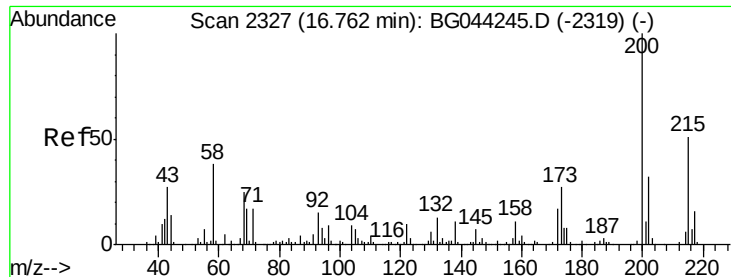
Abundance

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: 48.234 ng

RT: 16.73 min Scan# 2322

Delta R.T. -0.02 min

Lab File: BG044520.D

Acq: 20 Feb 2020 14:40

Instrument :

BNA_G

ClientSampleId :

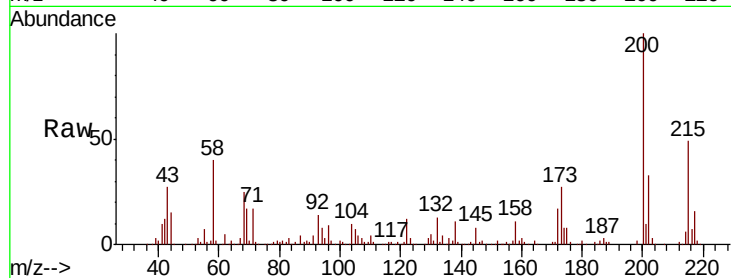
Tot Ion:200 Resp: 196329

Ion Ratio Lower Upper

200 100

173 27.0 6.6 46.6

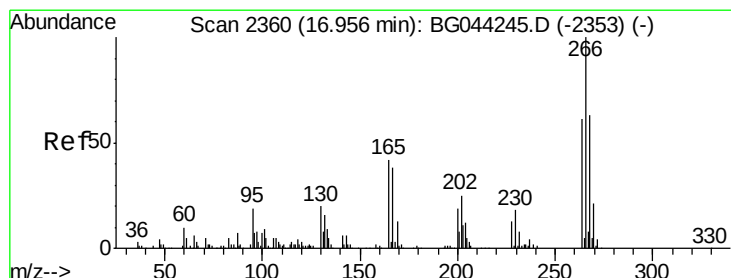
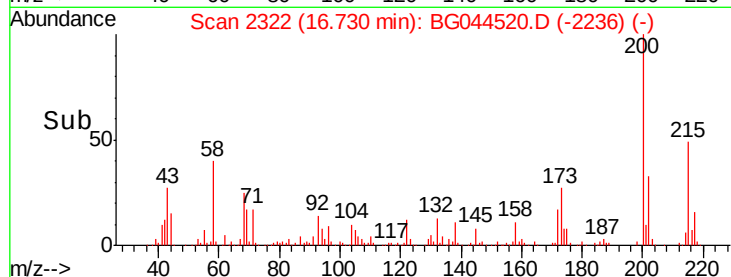
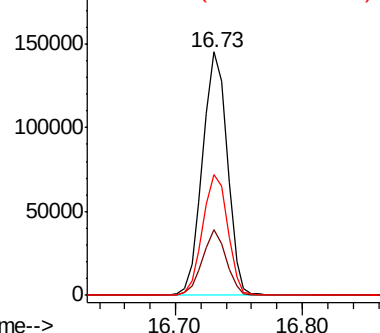
215 49.5 31.0 71.0



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: 84.266 ng

RT: 16.93 min Scan# 2356

Delta R.T. -0.02 min

Lab File: BG044520.D

Acq: 20 Feb 2020 14:40

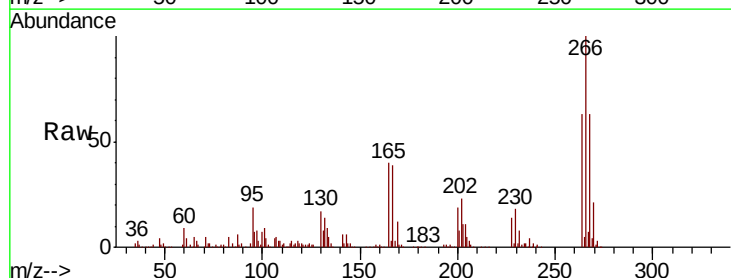
Tgt Ion:266 Resp: 220858

Ion Ratio Lower Upper

266 100

268 62.6 50.6 75.8

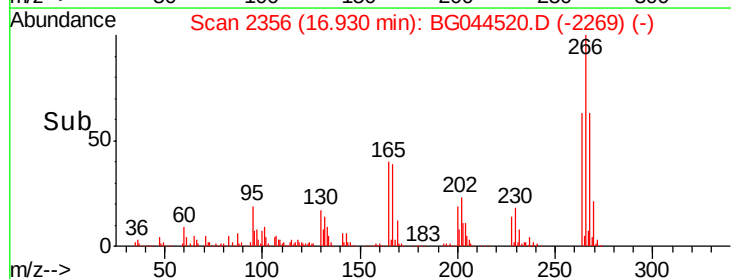
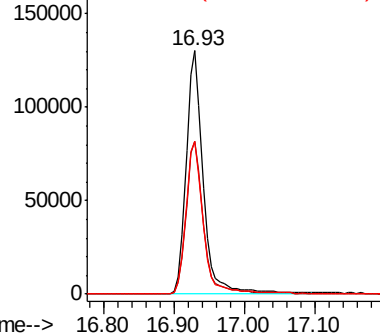
264 62.7 48.7 73.1

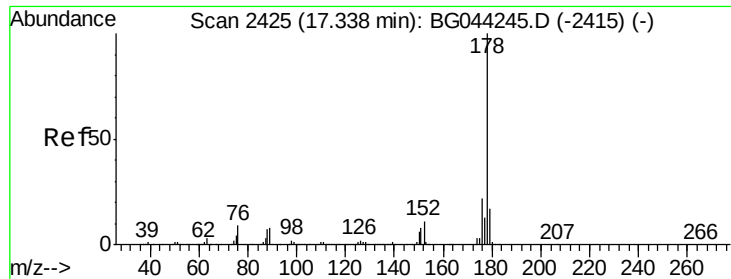


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.019 ng

RT: 17.31 min Scan# 2421

Delta R.T. -0.02 min

Lab File: BG044520.D

Acq: 20 Feb 2020 14:40

Instrument :

BNA_G

ClientSampleId :

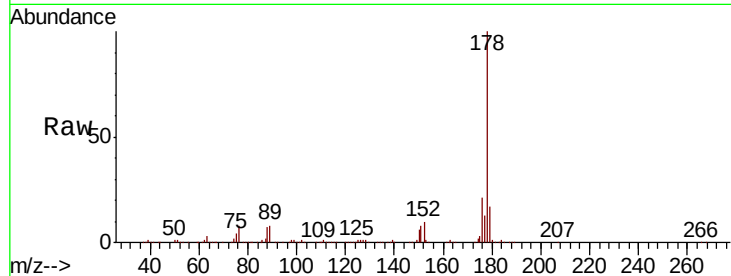
Tot Ion:178 Resp: 882734

Ion Ratio Lower Upper

178 100

176 21.5 17.7 26.5

179 16.8 13.7 20.5

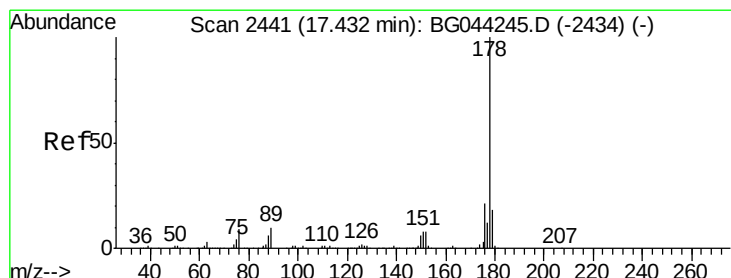
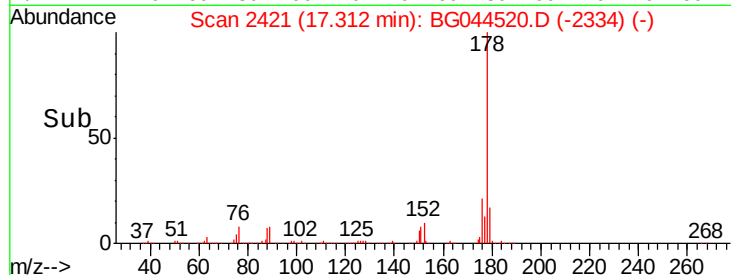
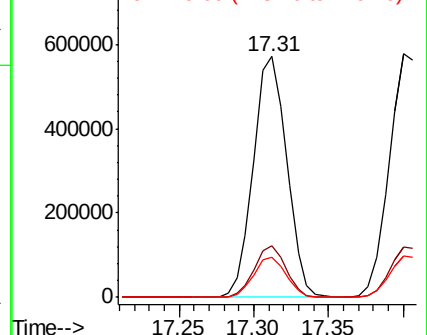


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.260 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BG044520.D

Acq: 20 Feb 2020 14:40

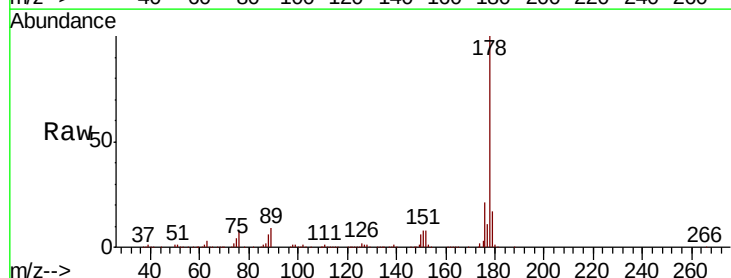
Tgt Ion:178 Resp: 897903

Ion Ratio Lower Upper

178 100

176 20.6 17.0 25.4

179 17.2 14.4 21.6

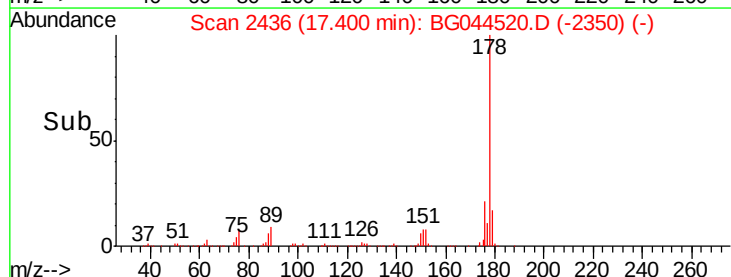
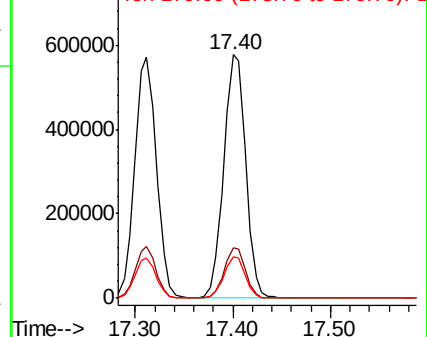


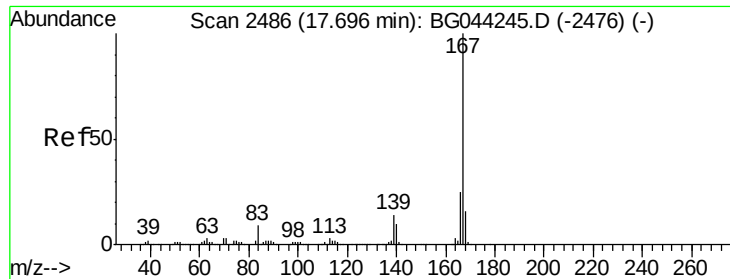
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 43.569 ng

RT: 17.67 min Scan# 2482

Delta R.T. -0.02 min

Lab File: BG044520.D

Acq: 20 Feb 2020 14:40

Instrument :

BNA_G

ClientSampleId :

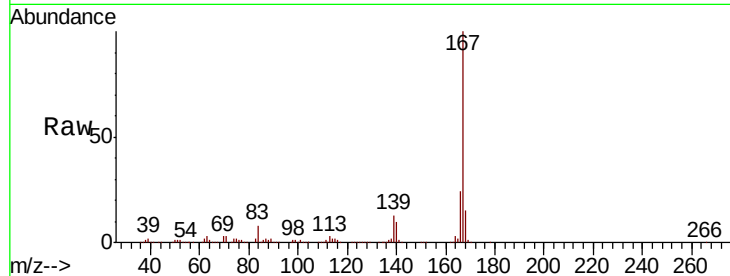
Tot Ion:167 Resp: 814844

Ion Ratio Lower Upper

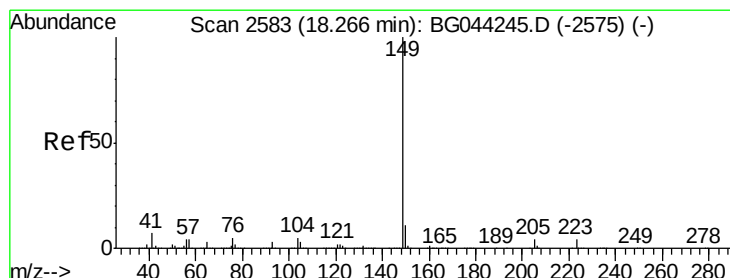
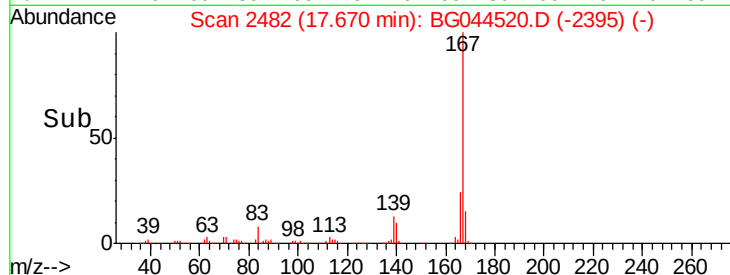
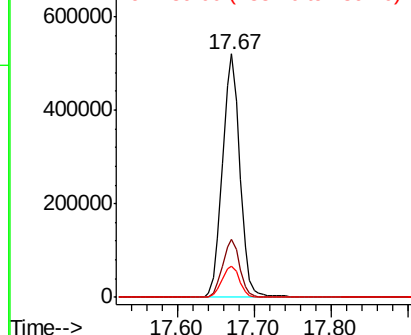
167 100

166 24.0 19.8 29.6

139 12.9 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: 42.858 ng

RT: 18.23 min Scan# 2578

Delta R.T. -0.02 min

Lab File: BG044520.D

Acq: 20 Feb 2020 14:40

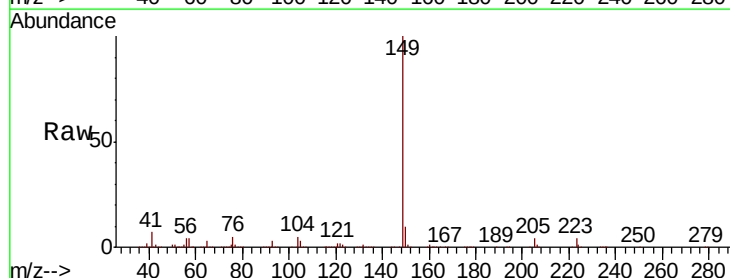
Tgt Ion:149 Resp: 990516

Ion Ratio Lower Upper

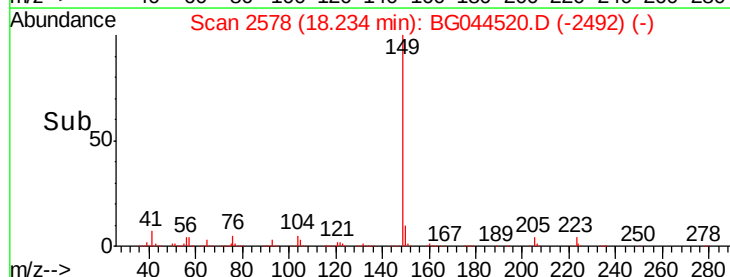
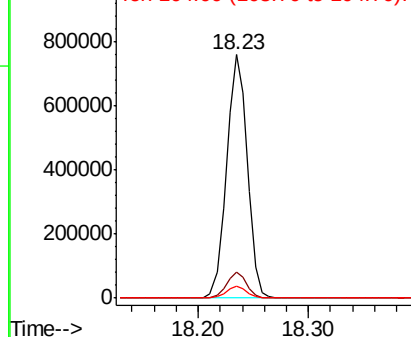
149 100

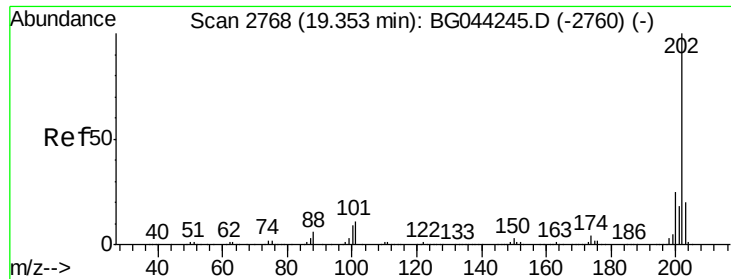
150 10.5 8.7 13.1

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

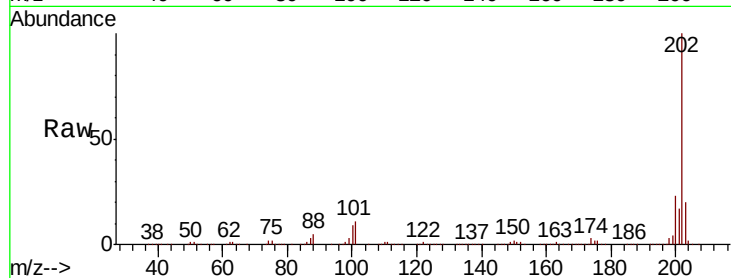




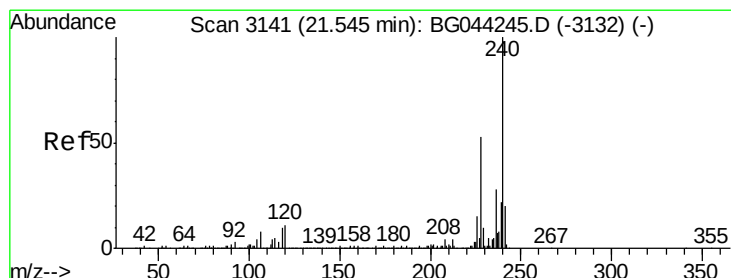
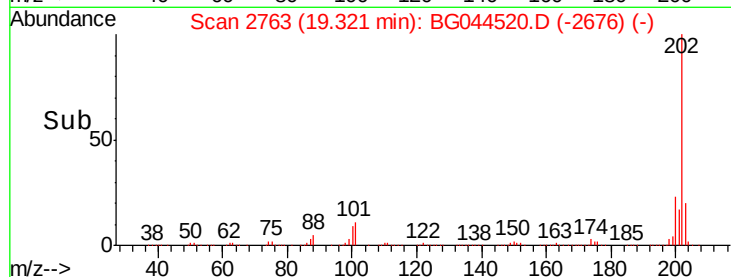
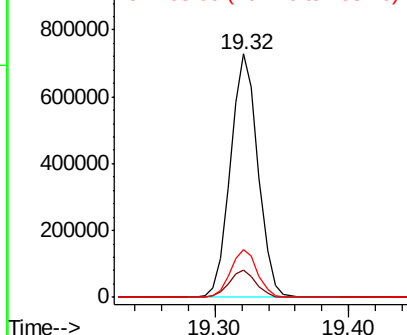
#75
 Fluoranthene
 Concen: 44.146 ng
 RT: 19.32 min Scan# 2763
 Delta R.T. -0.02 min
 Lab File: BG044520.D
 Acq: 20 Feb 2020 14:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:202 Resp: 1047912
 Ion Ratio Lower Upper
 202 100
 101 11.1 0.0 31.3
 203 19.6 0.0 39.9

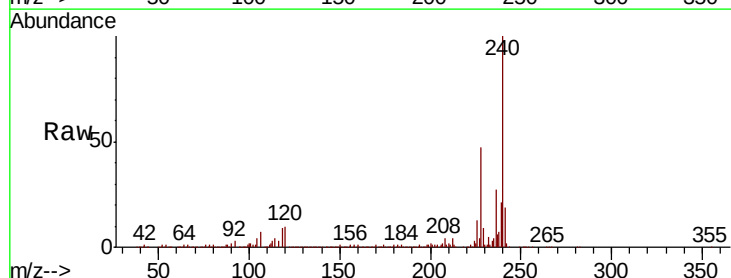


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

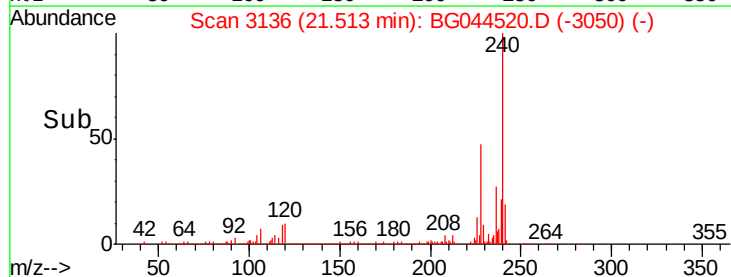
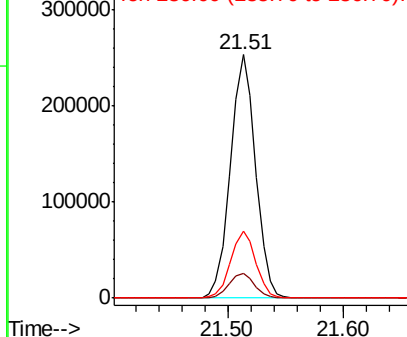


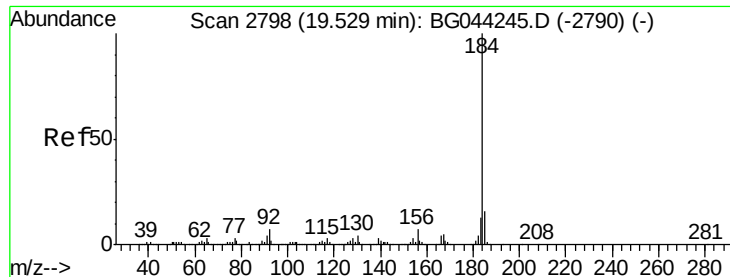
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.51 min Scan# 3136
 Delta R.T. -0.02 min
 Lab File: BG044520.D
 Acq: 20 Feb 2020 14:40

Tgt Ion:240 Resp: 382367
 Ion Ratio Lower Upper
 240 100
 120 10.0 8.4 12.6
 236 27.4 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: 34.546 ng

RT: 19.50 min Scan# 2794

Delta R.T. -0.02 min

Lab File: BG044520.D

Acq: 20 Feb 2020 14:40

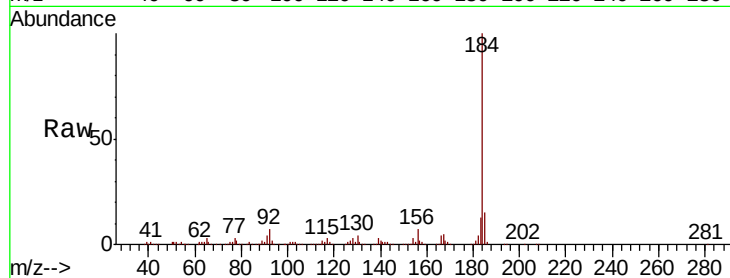
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 366394

Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.9	19.3
183	12.6	10.8	16.2

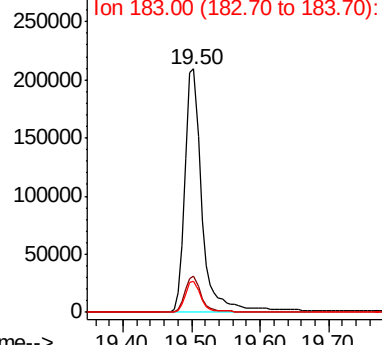


Abundance

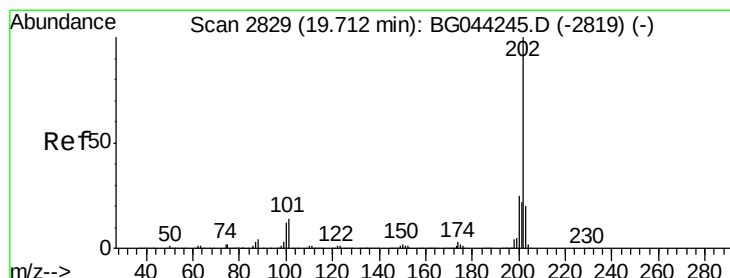
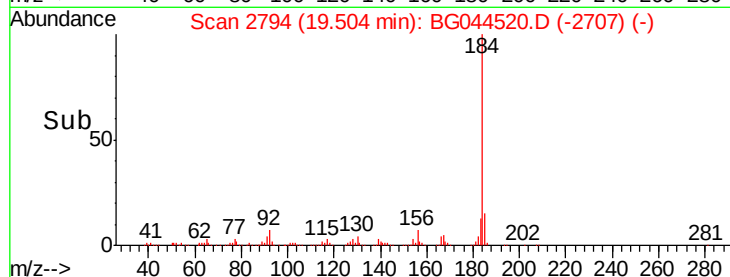
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 42.840 ng

RT: 19.68 min Scan# 2824

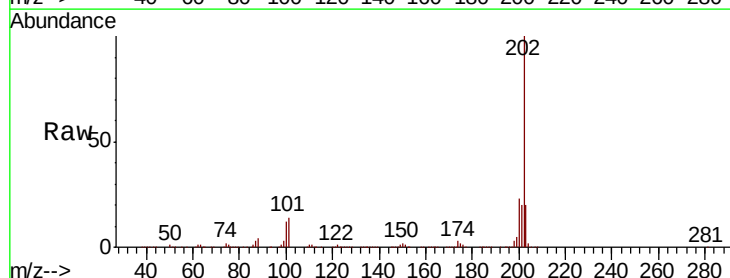
Delta R.T. -0.02 min

Lab File: BG044520.D

Acq: 20 Feb 2020 14:40

Tgt Ion:202 Resp: 1051977

Ion	Ratio	Lower	Upper
202	100		
200	23.2	20.0	30.0
203	19.6	16.2	24.2

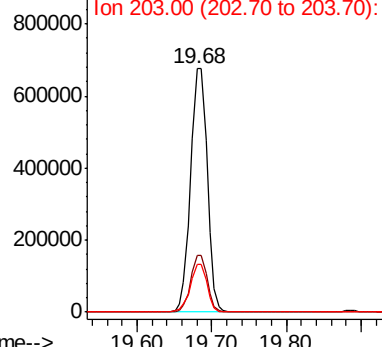


Abundance

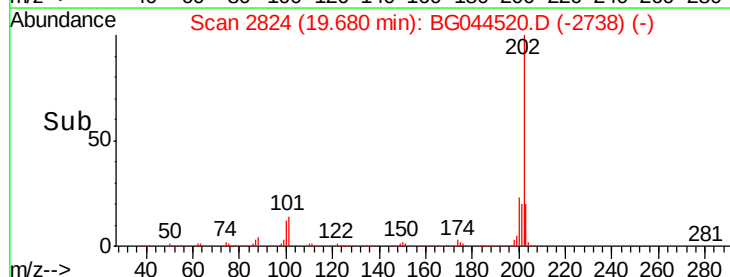
Ion 202.00 (201.70 to 202.70): E

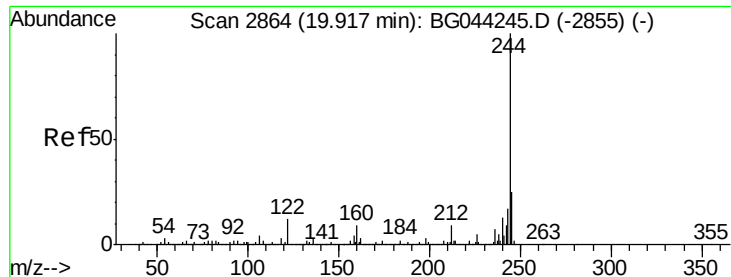
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 70.265 ng

RT: 19.89 min Scan# 2859

Delta R.T. -0.02 min

Lab File: BG044520.D

Acq: 20 Feb 2020 14:40

Instrument :

BNA_G

ClientSampleId :

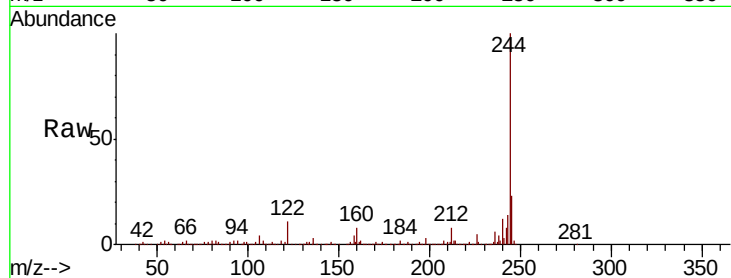
Tot Ion:244 Resp: 1306208

Ion Ratio Lower Upper

244 100

212 8.1 7.4 11.2

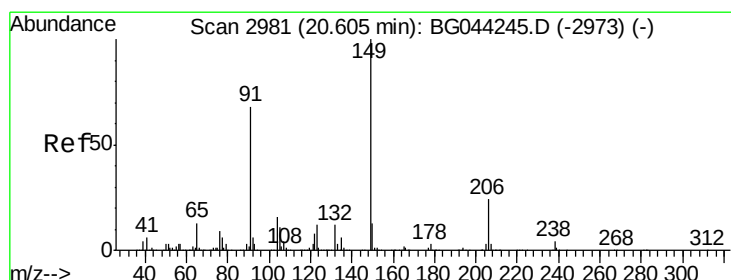
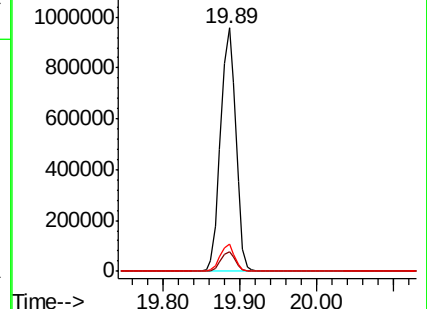
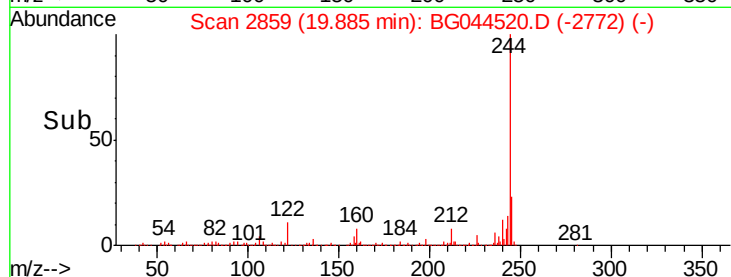
122 11.0 9.8 14.6



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: 40.305 ng

RT: 20.57 min Scan# 2976

Delta R.T. -0.02 min

Lab File: BG044520.D

Acq: 20 Feb 2020 14:40

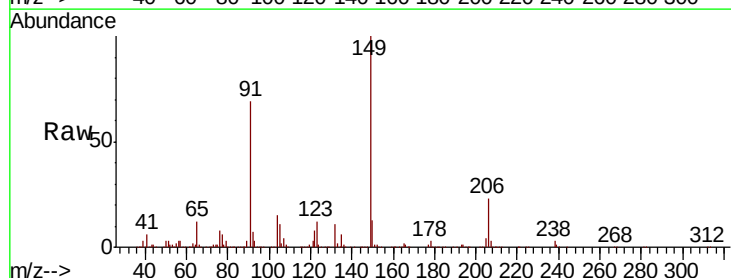
Tgt Ion:149 Resp: 451020

Ion Ratio Lower Upper

149 100

91 68.8 54.5 81.7

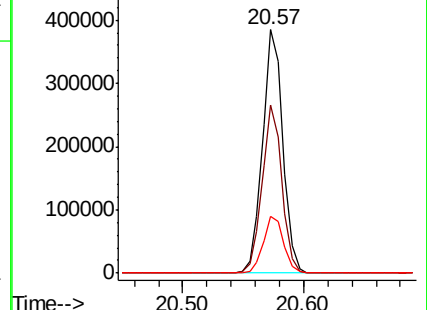
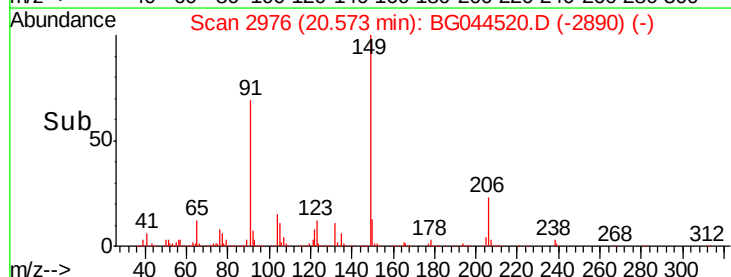
206 23.2 19.1 28.7

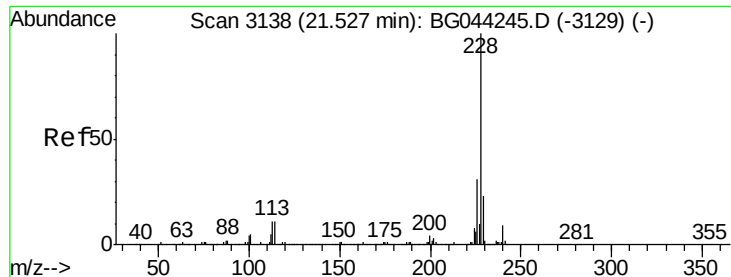


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

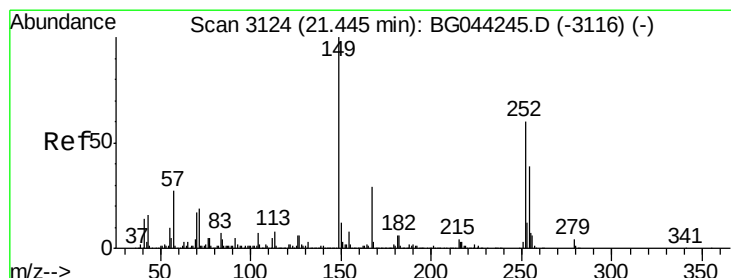
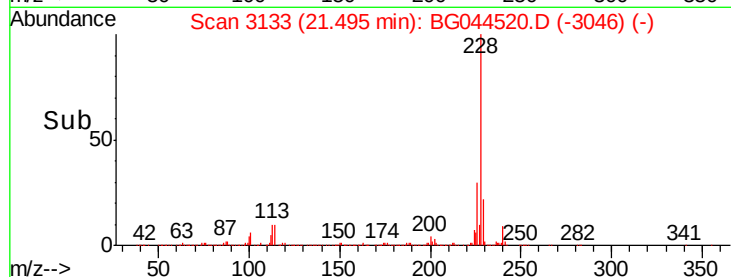
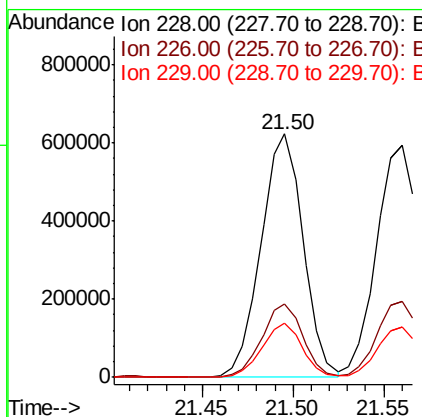
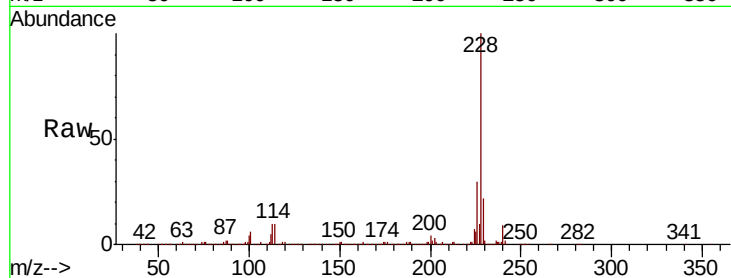




#81
Benzo(a)anthracene
Concen: 42.660 ng
RT: 21.50 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG044520.D
Acq: 20 Feb 2020 14:40

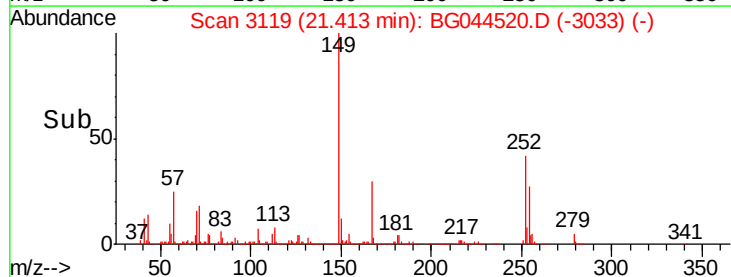
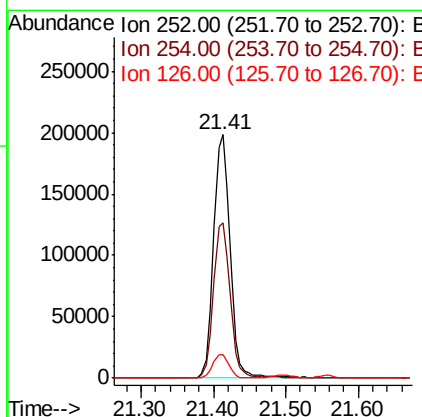
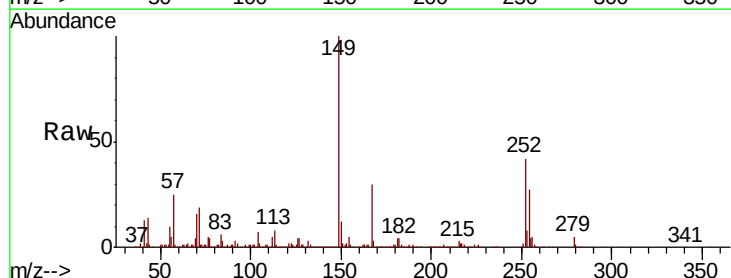
Instrument :
BNA_G
ClientSampleId :

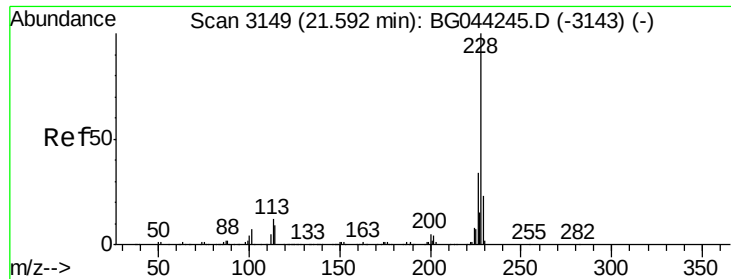
Tot Ion:228 Resp: 1005315
Ion Ratio Lower Upper
228 100
226 30.2 24.7 37.1
229 22.2 18.2 27.4



#82
3,3'-Dichlorobenzidine
Concen: 34.669 ng
RT: 21.41 min Scan# 3119
Delta R.T. -0.02 min
Lab File: BG044520.D
Acq: 20 Feb 2020 14:40

Tgt Ion:252 Resp: 317081
Ion Ratio Lower Upper
252 100
254 64.0 52.6 78.8
126 9.5 8.2 12.4





#83

Chrysene

Concen: 42.481 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG044520.D

Acq: 20 Feb 2020 14:40

Instrument :

BNA_G

ClientSampleId :

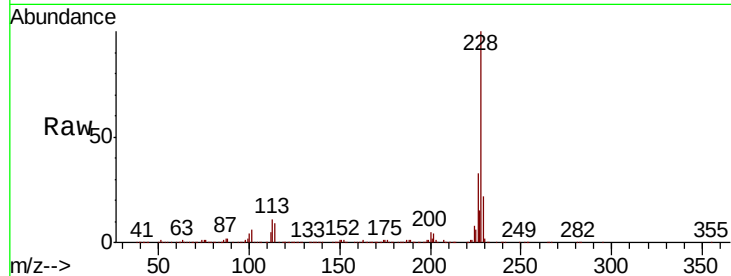
Tot Ion:228 Resp: 967639

Ion Ratio Lower Upper

228 100

226 32.8 27.1 40.7

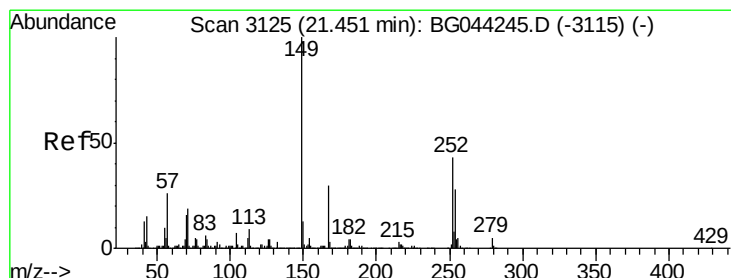
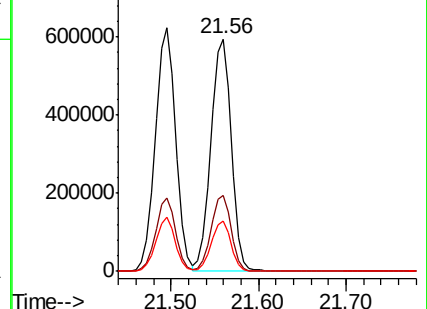
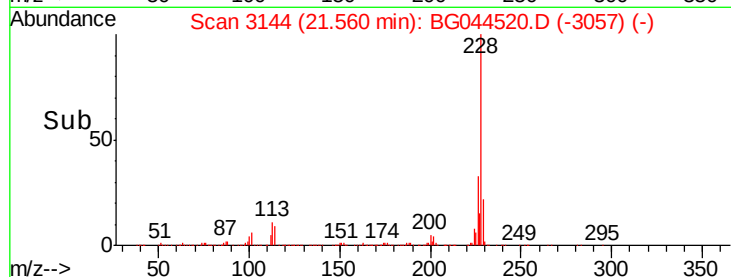
229 21.8 17.9 26.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.415 ng

RT: 21.41 min Scan# 3119

Delta R.T. -0.02 min

Lab File: BG044520.D

Acq: 20 Feb 2020 14:40

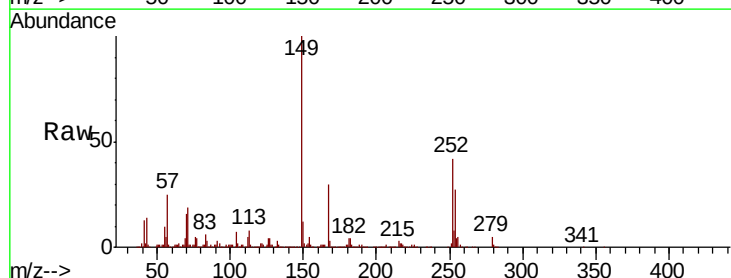
Tgt Ion:149 Resp: 637897

Ion Ratio Lower Upper

149 100

167 29.7 24.0 36.0

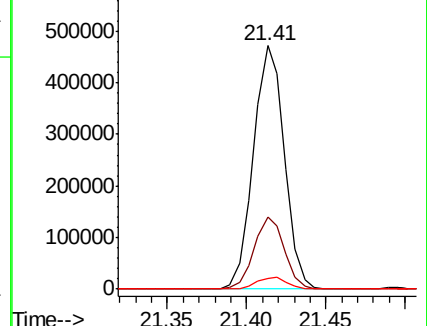
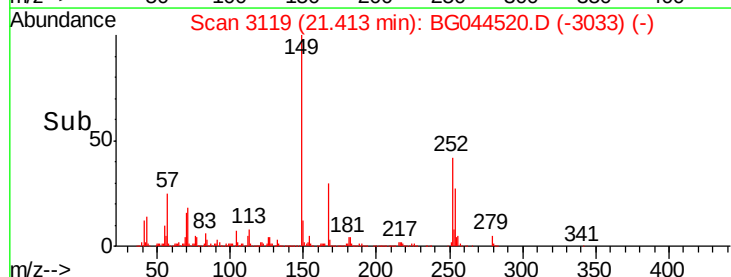
279 4.6 3.8 5.8

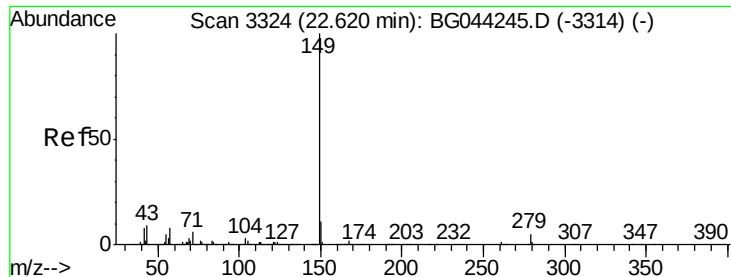


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.632 ng

RT: 22.57 min Scan# 3316

Delta R.T. -0.04 min

Lab File: BG044520.D

Acq: 20 Feb 2020 14:40

Instrument :

BNA_G

ClientSampleId :

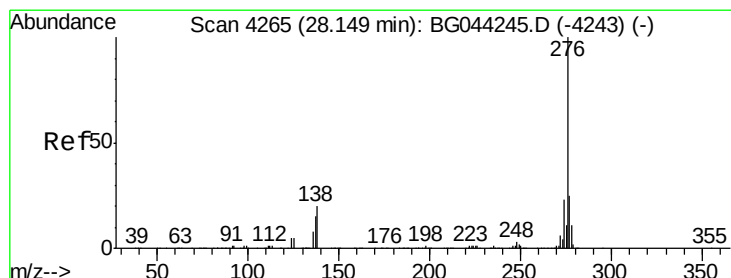
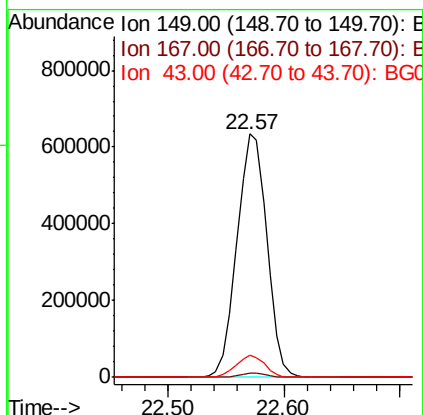
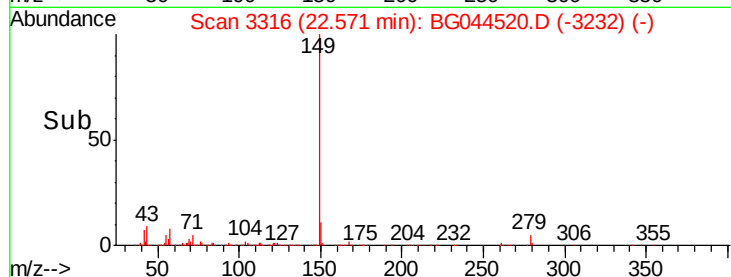
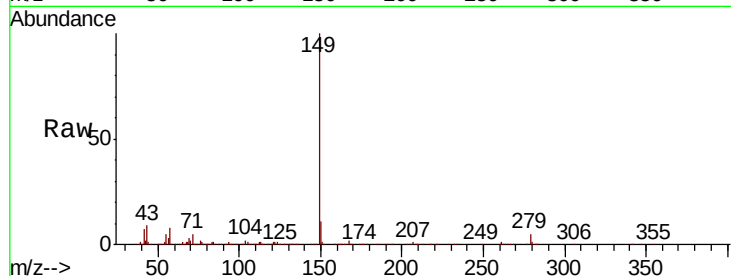
Tot Ion:149 Resp: 1136128

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.6 7.4 11.0



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.923 ng

RT: 28.06 min Scan# 4251

Delta R.T. -0.05 min

Lab File: BG044520.D

Acq: 20 Feb 2020 14:40

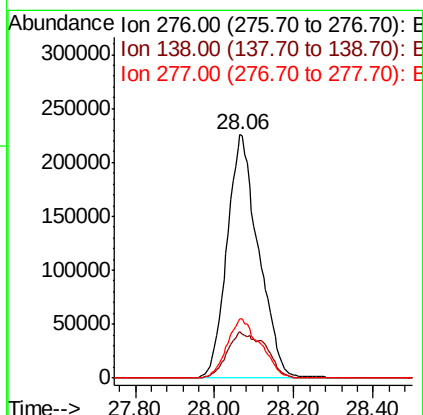
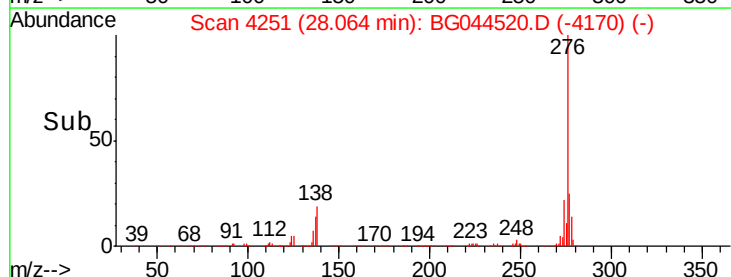
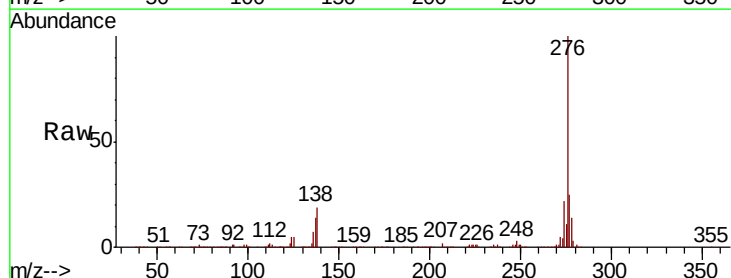
Tgt Ion:276 Resp: 1245848

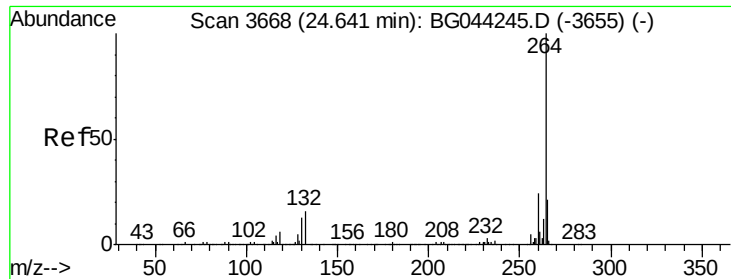
Ion Ratio Lower Upper

276 100

138 23.1 19.4 29.0

277 25.9 21.0 31.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.58 min Scan# 3658

Delta R.T. -0.04 min

Lab File: BG044520.D

Acq: 20 Feb 2020 14:40

Instrument :

BNA_G

ClientSampleId :

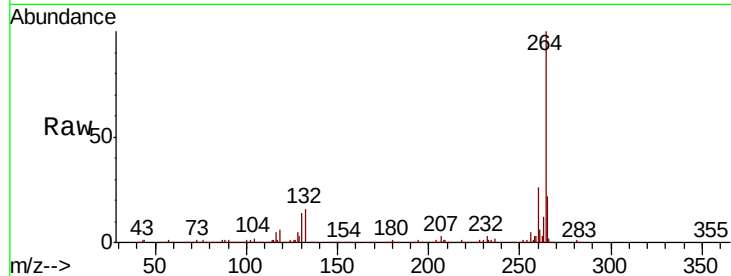
Tot Ion:264 Resp: 389599

Ion Ratio Lower Upper

264 100

260 25.5 19.4 29.2

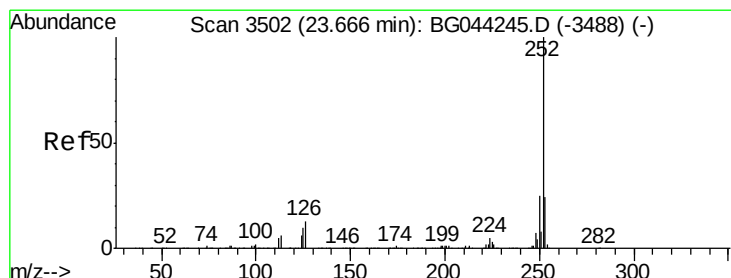
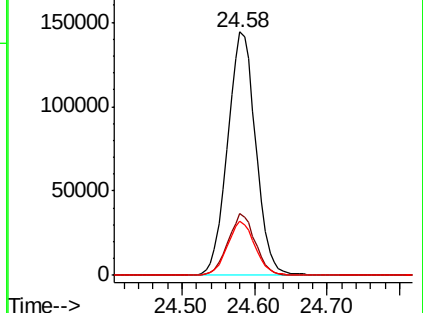
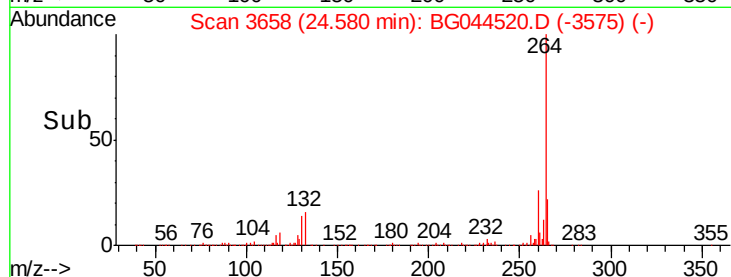
265 22.0 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.279 ng

RT: 23.62 min Scan# 3494

Delta R.T. -0.03 min

Lab File: BG044520.D

Acq: 20 Feb 2020 14:40

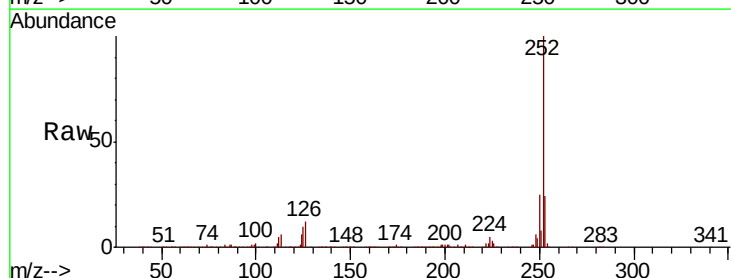
Tgt Ion:252 Resp: 1061426

Ion Ratio Lower Upper

252 100

253 23.8 19.2 28.8

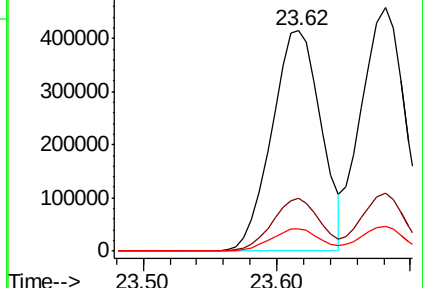
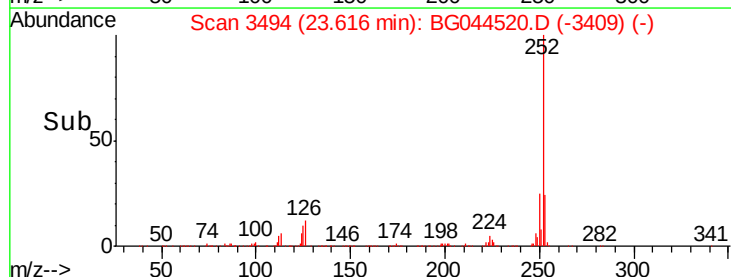
125 10.0 8.4 12.6

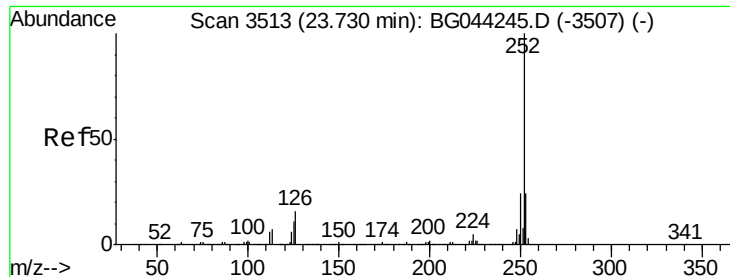


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

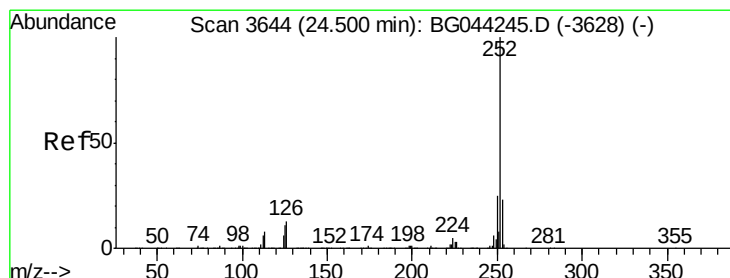
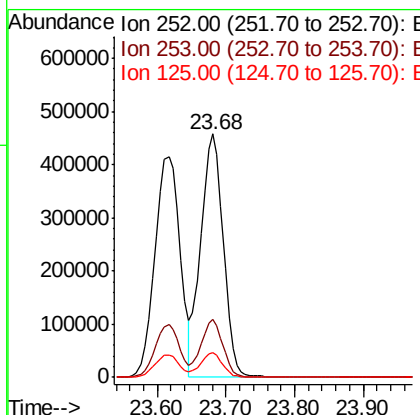
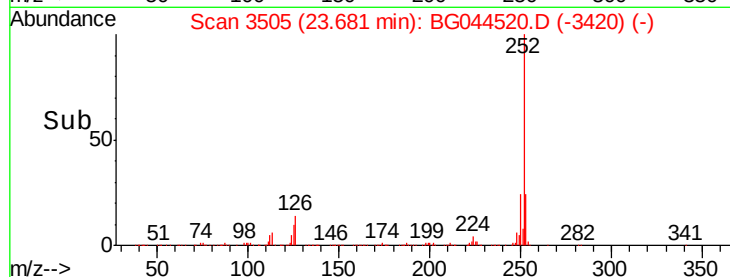
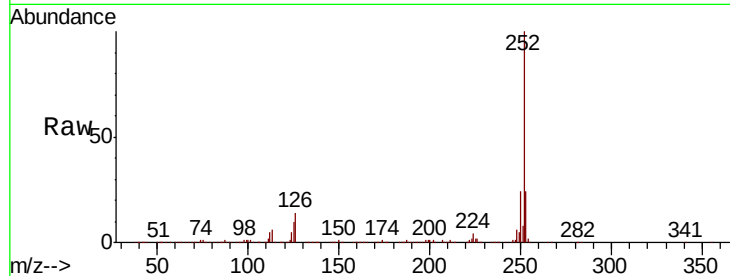




#89
Benzo(k)fluoranthene
Concen: 48.058 ng
RT: 23.68 min Scan# 3505
Delta R.T. -0.03 min
Lab File: BG044520.D
Acq: 20 Feb 2020 14:40

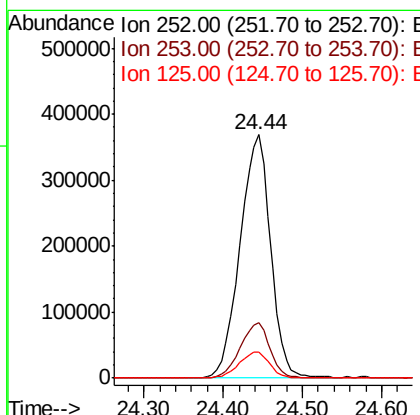
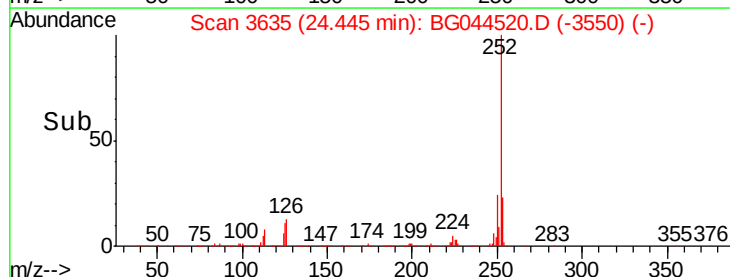
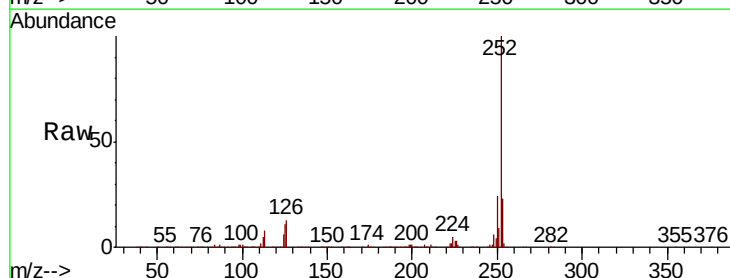
Instrument :
BNA_G
ClientSampleId :

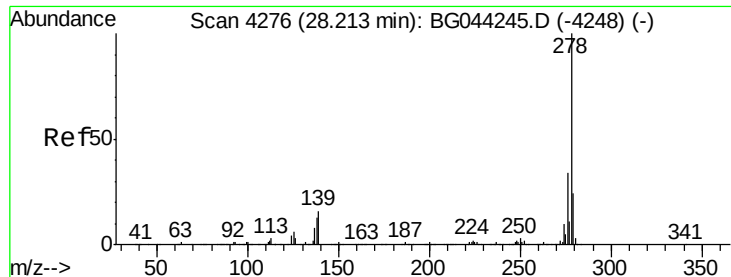
Tot Ion:252 Resp: 1051532
Ion Ratio Lower Upper
252 100
253 23.9 19.1 28.7
125 10.1 8.6 12.8



#90
Benzo(a)pyrene
Concen: 46.375 ng
RT: 24.44 min Scan# 3635
Delta R.T. -0.03 min
Lab File: BG044520.D
Acq: 20 Feb 2020 14:40

Tgt Ion:252 Resp: 984366
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 10.7 8.6 13.0



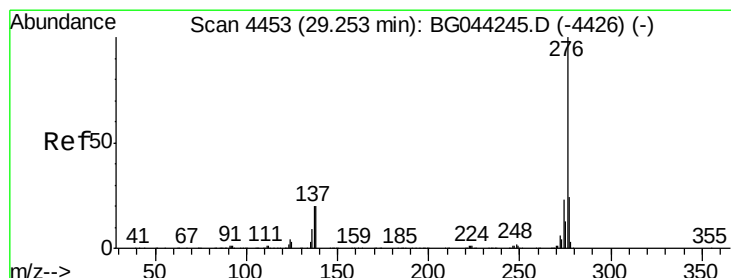
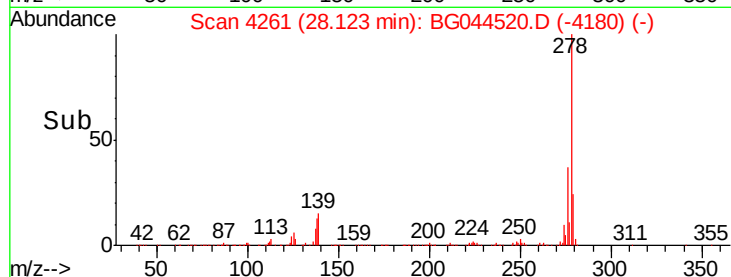
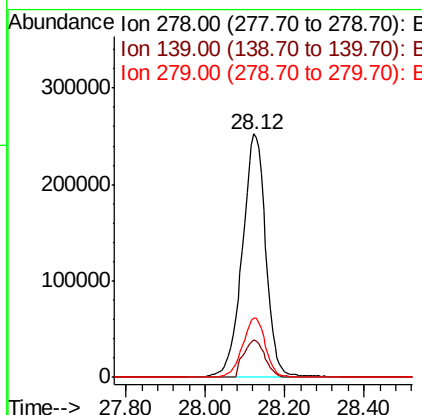
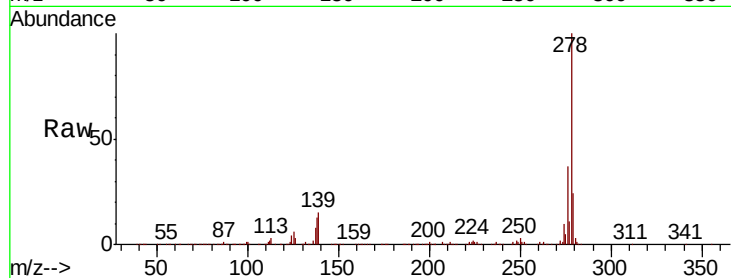


#91
Dibenzo(a,h)anthracene
Concen: 49.456 ng
RT: 28.12 min Scan# 4261
Delta R.T. -0.05 min
Lab File: BG044520.D
Acq: 20 Feb 2020 14:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1038917

Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.7	19.1
279	24.2	19.3	28.9



#92
Benzo(g,h,i)perylene
Concen: 49.929 ng
RT: 29.16 min Scan# 4437
Delta R.T. -0.05 min
Lab File: BG044520.D
Acq: 20 Feb 2020 14:40

Tgt Ion:276 Resp: 1049974

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.8	28.2
138	20.1	16.2	24.2

