

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
 Data File : BG044498.D
 Acq On : 19 Feb 2020 20:44
 Operator : CG/JU
 Sample : L1558-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 20 07:16:40 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	7.89	152	55072	20.00	ng	-0.02
21) Naphthalene-d8	10.69	136	223921	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	147155	20.00	ng	-0.02
64) Phenanthrene-d10	17.28	188	344334	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	350692	20.00	ng	-0.02
87) Perylene-d12	24.60	264	379608	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	351828	112.75	ng	0.00
7) Phenol-d6	7.07	99	456710	108.99	ng	-0.01
23) Nitrobenzene-d5	9.05	82	267569	67.46	ng	-0.02
42) 2,4,6-Tribromophenol	16.02	330	199474	115.47	ng	-0.01
45) 2-Fluorobiphenyl	13.15	172	589579	67.09	ng	-0.01
79) Terphenyl-d14	19.89	244	1008451	59.15	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	59767	42.629	ng	98
3) Pyridine	3.75	79	157095	42.057	ng	99
4) n-Nitrosodimethylamine	3.66	42	72441	46.410	ng	99
6) Aniline	7.21	93	66300	12.747	ng	98
8) 2-Chlorophenol	7.46	128	176255	51.393	ng	99
9) Benzaldehyde	7.02	77	72766	30.490	ng	97
10) Phenol	7.10	94	213602	51.507	ng	99
11) bis(2-Chloroethyl)ether	7.31	93	157537	44.433	ng	98
12) 1,3-Dichlorobenzene	7.78	146	184562	45.073	ng	98
13) 1,4-Dichlorobenzene	7.92	146	184445	45.480	ng	97
14) 1,2-Dichlorobenzene	8.24	146	174222	45.449	ng	99
15) Benzyl Alcohol	8.13	79	139551	47.039	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.42	45	201675	42.027	ng	98
17) 2-Methylphenol	8.34	107	141899	47.958	ng	98
18) Hexachloroethane	8.98	117	66277	43.550	ng	94
19) n-Nitroso-di-n-propylamine	8.69	70	120051	42.988	ng	96
20) 3+4-Methylphenols	8.67	107	198908	48.779	ng	98
22) Acetophenone	8.71	105	228333	41.917	ng	# 99
24) Nitrobenzene	9.09	77	172738	44.611	ng	99
25) Isophorone	9.62	82	334475	45.244	ng	99
26) 2-Nitrophenol	9.80	139	100813	50.176	ng	98
27) 2,4-Dimethylphenol	9.87	122	160385	56.550	ng	98
28) bis(2-Chloroethoxy)methane	10.10	93	206537	41.880	ng	99
29) 2,4-Dichlorophenol	10.34	162	170932	49.843	ng	97
30) 1,2,4-Trichlorobenzene	10.56	180	170552	43.372	ng	99
31) Naphthalene	10.74	128	501092	46.124	ng	99
32) Benzoic acid	9.87	122	160385	74.678	ng	# 18
33) 4-Chloroaniline	10.85	127	56473	11.430	ng	98
34) Hexachlorobutadiene	11.04	225	99941	41.304	ng	97
35) Caprolactam	11.61	113	74962	59.671	ng	99
36) 4-Chloro-3-methylphenol	11.99	107	178583	49.668	ng	99
37) 2-Methylnaphthalene	12.35	142	364021	45.129	ng	99
38) 1-Methylnaphthalene	12.57	142	346010	45.499	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.72	216	183309	41.643	ng	99

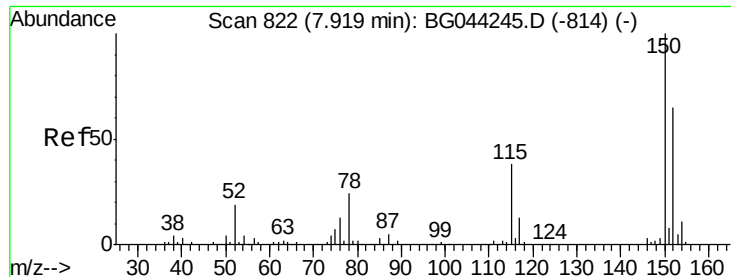
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
 Data File : BG044498.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	191962	90.884	nq	99
43) 2,4,6-Trichlorophenol	12.96	196	141975	49.899	nq	98
44) 2,4,5-Trichlorophenol	13.04	196	156651	53.903	nq	98
46) 1,1'-Biphenyl	13.36	154	464828	43.792	nq	97
47) 2-Chloronaphthalene	13.41	162	365376	43.258	nq	100
48) 2-Nitroaniline	13.61	65	111770	44.839	nq	97
49) Acenaphthylene	14.25	152	592023	47.788	nq	99
50) Dimethylphthalate	13.99	163	508806	48.101	nq	98
51) 2,6-Dinitrotoluene	14.10	165	109951	46.619	nq	96
52) Acenaphthene	14.59	154	354018	44.087	nq	97
53) 3-Nitroaniline	14.43	138	37130	14.230	nq	97
54) 2,4-Dinitrophenol	14.65	184	39628	33.278	nq	97
55) Dibenzofuran	14.93	168	563369	46.338	nq	99
56) 4-Nitrophenol	14.76	139	211403	110.603	nq	96
57) 2,4-Dinitrotoluene	14.90	165	154611	46.772	nq	95
58) Fluorene	15.58	166	450863	47.084	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.16	232	147846	56.322	nq	98
60) Diethylphthalate	15.35	149	489285	46.421	nq	99
61) 4-Chlorophenyl-phenylether	15.57	204	235517	45.361	nq	99
62) 4-Nitroaniline	15.60	138	120967	46.395	nq	97
63) Azobenzene	15.87	77	430343	46.586	nq	99
65) 4,6-Dinitro-2-methylphenol	15.67	198	73953	38.908	nq	94
66) n-Nitrosodiphenylamine	15.79	169	430296	44.591	nq	99
67) 4-Bromophenyl-phenylether	16.47	248	159758	42.585	nq	99
68) Hexachlorobenzene	16.59	284	174981	41.633	nq	99
69) Atrazine	16.74	200	176005	53.214	nq	99
70) Pentachlorophenol	16.94	266	107386	51.684	nq	97
71) Phenanthrene	17.32	178	772225	46.314	nq	98
72) Anthracene	17.41	178	791419	48.009	nq	98
73) Carbazole	17.68	167	741321	48.781	nq	99
74) Di-n-butylphthalate	18.24	149	922036	49.097	nq	99
75) Fluoranthene	19.33	202	947551	49.125	nq	99
77) Benzidine	19.51	184	247661	25.460	nq	98
78) Pyrene	19.69	202	958408	42.555	nq	98
80) Butylbenzylphthalate	20.58	149	436576	42.538	nq	97
81) Benzo(a)anthracene	21.50	228	947436	43.835	nq	98
82) 3,3'-Dichlorobenzidine	21.42	252	134652	16.052	nq	100
83) Chrysene	21.57	228	909490	43.534	nq	98
84) Bis(2-ethylhexyl)phthalate	21.43	149	620812	43.946	nq	99
85) Di-n-octyl phthalate	22.58	149	1079344	44.159	nq	99
86) Indeno(1,2,3-cd)pyrene	28.09	276	1166133	42.784	nq	# 91
88) Benzo(b)fluoranthene	23.63	252	977017	44.665	nq	100
89) Benzo(k)fluoranthene	23.69	252	988370	46.360	nq	99
90) Benzo(a)pyrene	24.46	252	922141	44.587	nq	99
91) Dibenzo(a,h)anthracene	28.15	278	962865	47.042	nq	99
92) Benzo(g,h,i)perylene	29.18	276	980983	47.876	nq	98

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

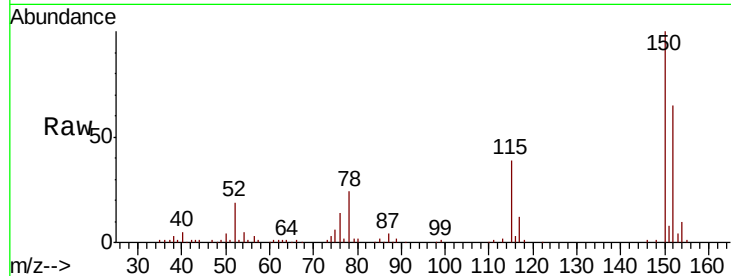


#1

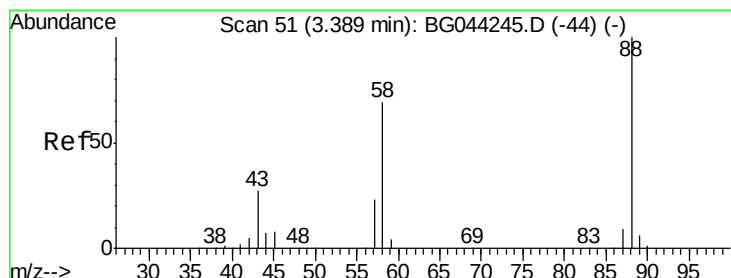
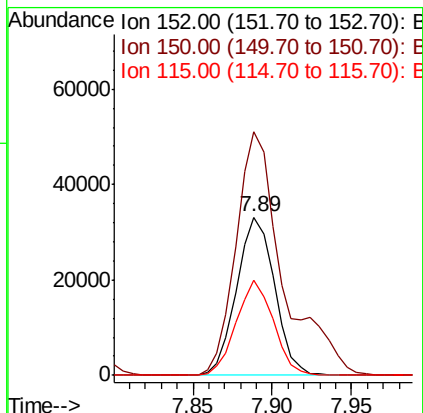
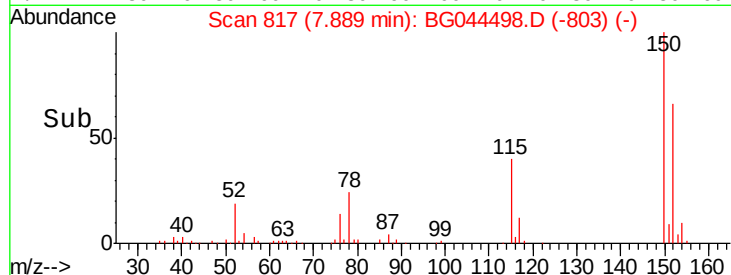
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG044498.D
Acq: 19 Feb 2020 20:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 55072
Ion Ratio Lower Upper
152 100
150 154.1 122.6 183.8
115 60.3 46.0 69.0



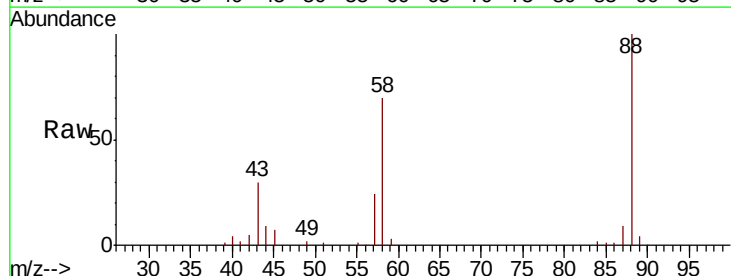
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



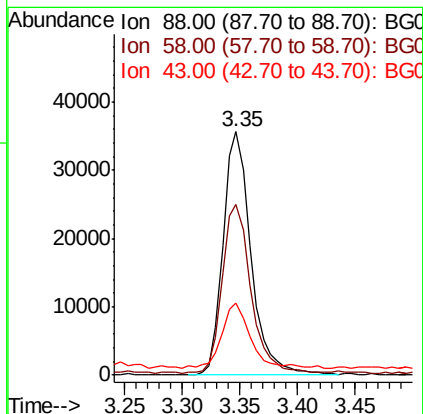
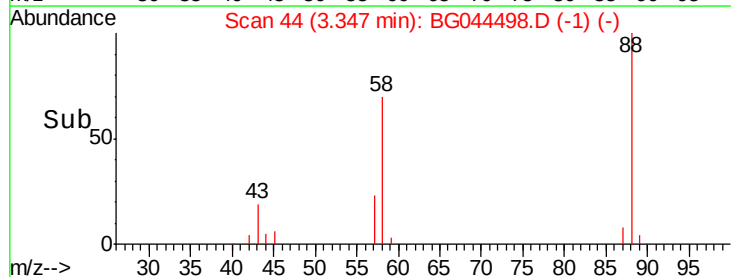
#2

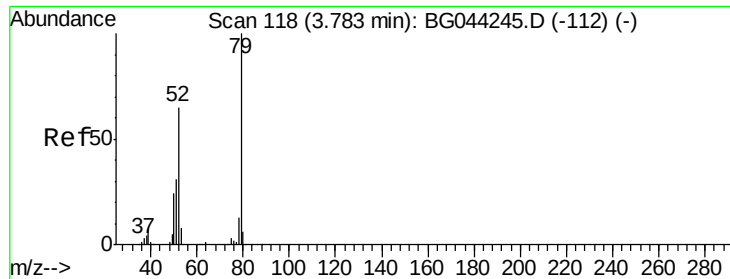
1,4-Dioxane
Concen: 42.629 ng
RT: 3.35 min Scan# 44
Delta R.T. -0.02 min
Lab File: BG044498.D
Acq: 19 Feb 2020 20:44

Tgt Ion: 88 Resp: 59767
Ion Ratio Lower Upper
88 100
58 71.9 55.8 83.6
43 27.5 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: 42.057 ng

RT: 3.75 min Scan# 112

Delta R.T. -0.02 min

Lab File: BG044498.D

Acq: 19 Feb 2020 20:44

Instrument :

BNA_G

ClientSampled :

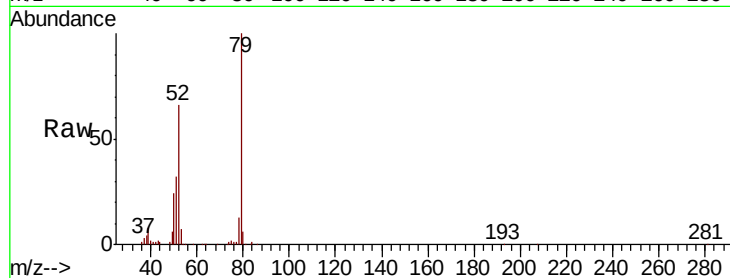
Tot Ion: 79 Resp: 157095

Ion Ratio Lower Upper

79 100

52 65.8 51.9 77.9

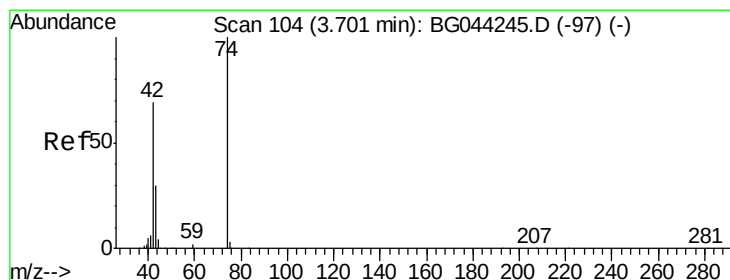
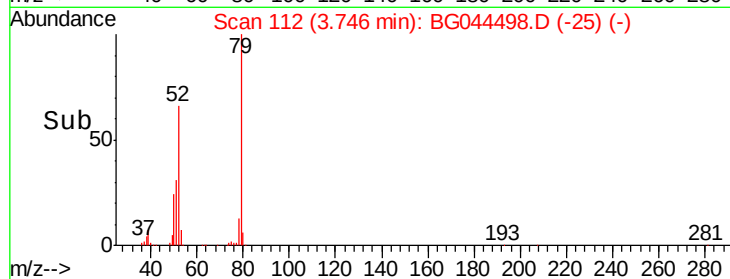
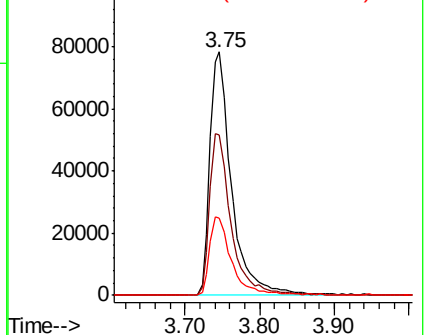
51 31.6 25.3 37.9



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: 46.410 ng

RT: 3.66 min Scan# 97

Delta R.T. -0.02 min

Lab File: BG044498.D

Acq: 19 Feb 2020 20:44

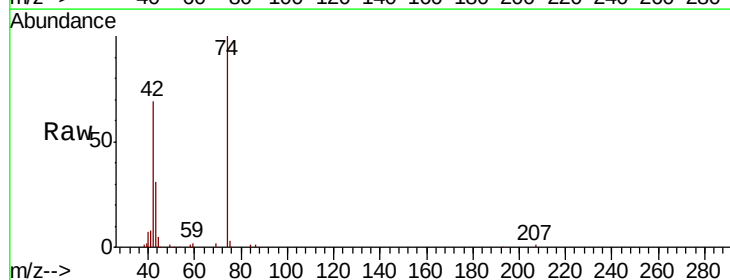
Tgt Ion: 42 Resp: 72441

Ion Ratio Lower Upper

42 100

74 145.7 115.1 172.7

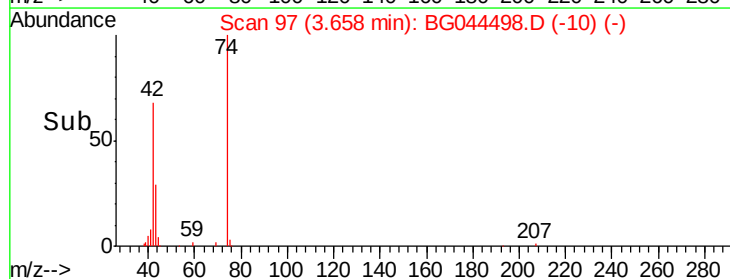
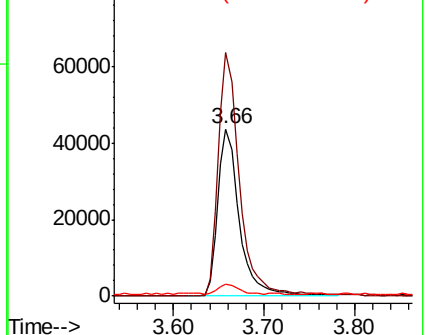
44 7.5 5.6 8.4

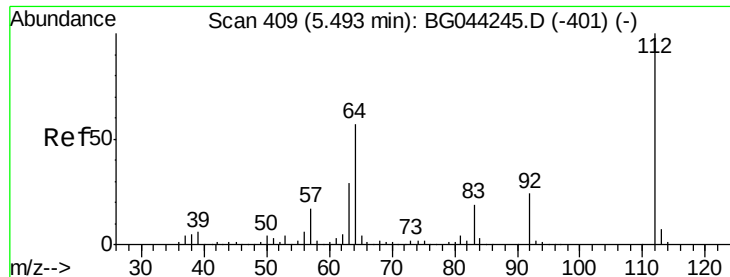


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 112.747 ng

RT: 5.47 min Scan# 406

Delta R.T. -0.01 min

Lab File: BG044498.D

Acq: 19 Feb 2020 20:44

Instrument :

BNA_G

ClientSampleId :

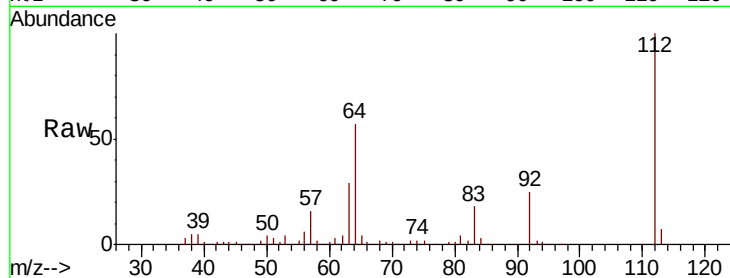
Tot Ion: 112 Resp: 351828

Ion Ratio Lower Upper

112 100

64 57.1 45.4 68.2

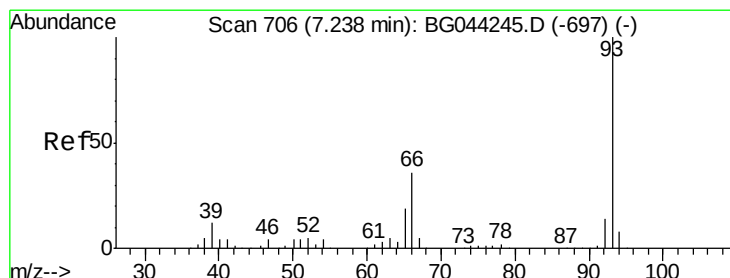
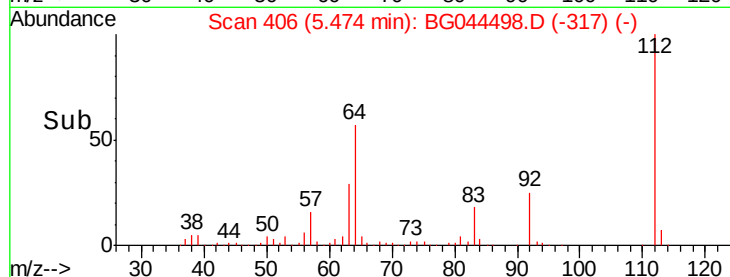
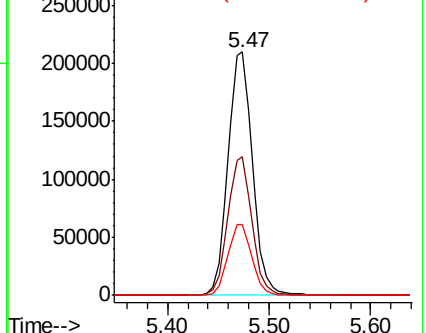
63 29.0 22.9 34.3



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: 12.747 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.02 min

Lab File: BG044498.D

Acq: 19 Feb 2020 20:44

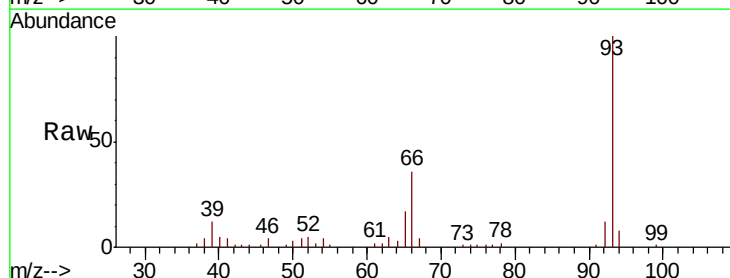
Tgt Ion: 93 Resp: 66300

Ion Ratio Lower Upper

93 100

66 36.0 28.7 43.1

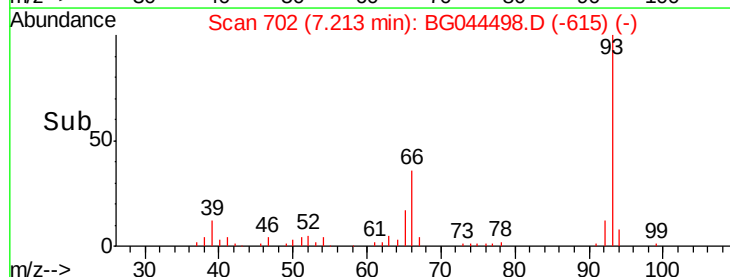
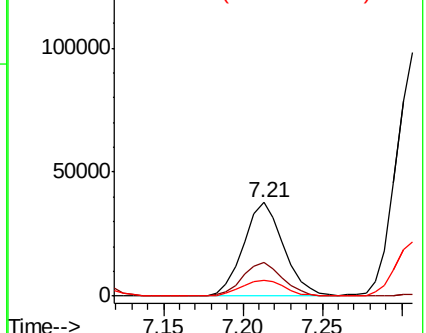
65 17.2 15.4 23.0

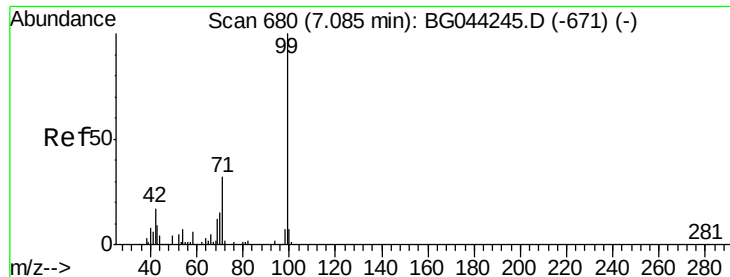


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 108.990 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044498.D

Acq: 19 Feb 2020 20:44

Instrument :

BNA_G

ClientSampleId :

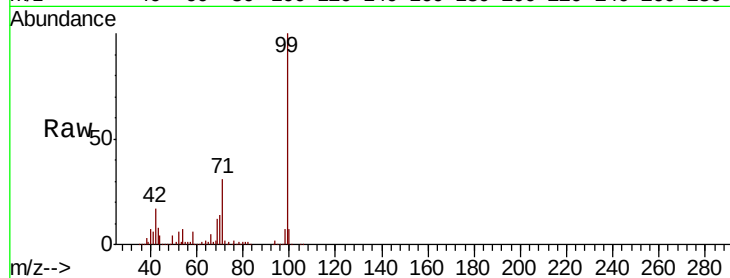
Tot Ion: 99 Resp: 456710

Ion Ratio Lower Upper

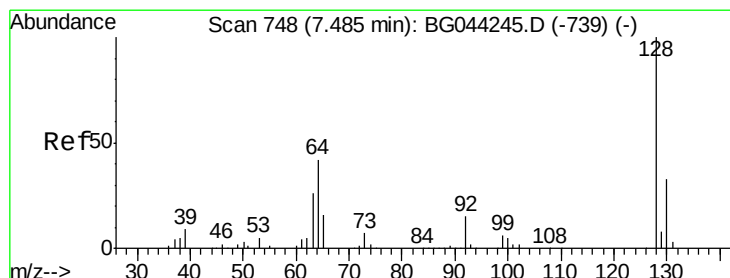
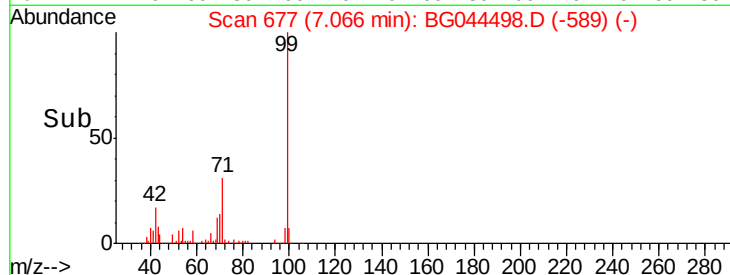
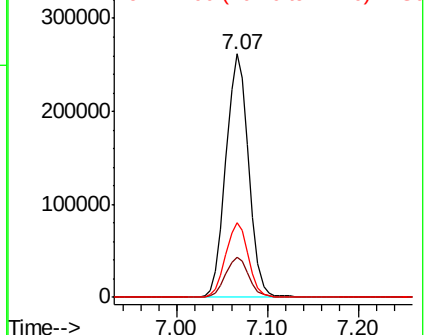
99 100

42 16.6 13.8 20.6

71 30.7 25.5 38.3



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



#8

2-Chlorophenol

Concen: 51.393 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG044498.D

Acq: 19 Feb 2020 20:44

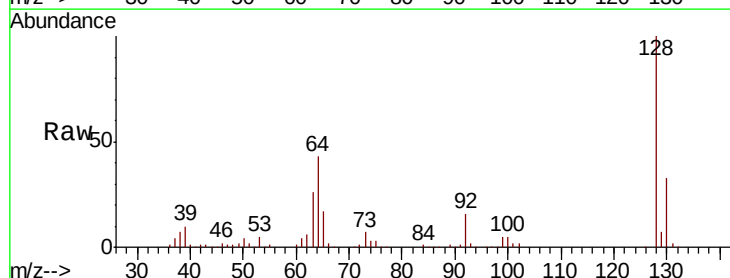
Tgt Ion: 128 Resp: 176255

Ion Ratio Lower Upper

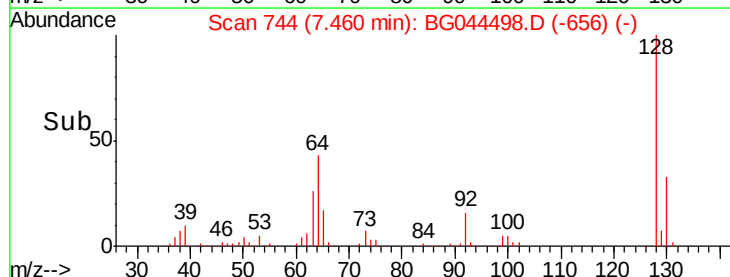
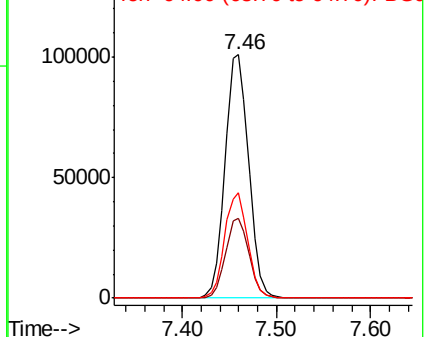
128 100

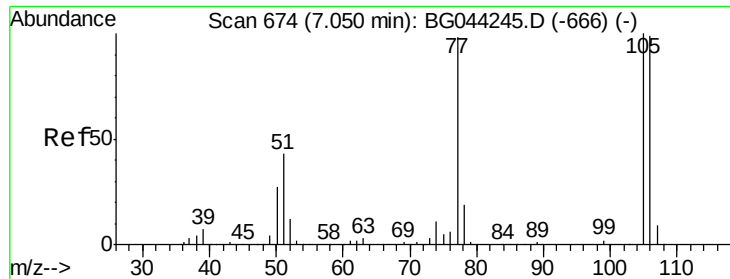
130 33.0 12.5 52.5

64 43.4 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: 30.490 ng

RT: 7.02 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG044498.D

Acq: 19 Feb 2020 20:44

Instrument :

BNA_G

ClientSampleId :

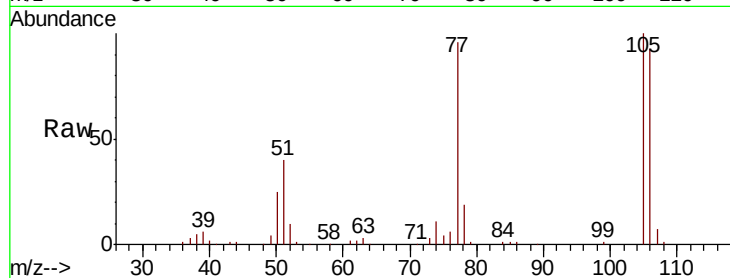
Tot Ion: 77 Resp: 72766

Ion Ratio Lower Upper

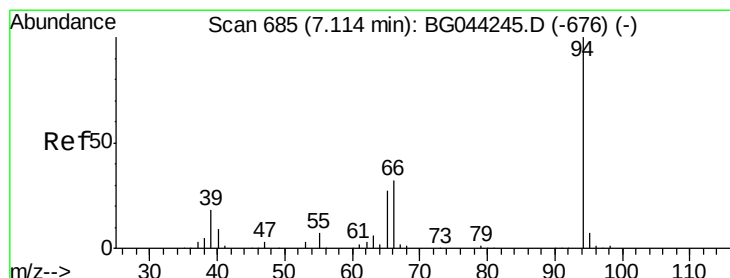
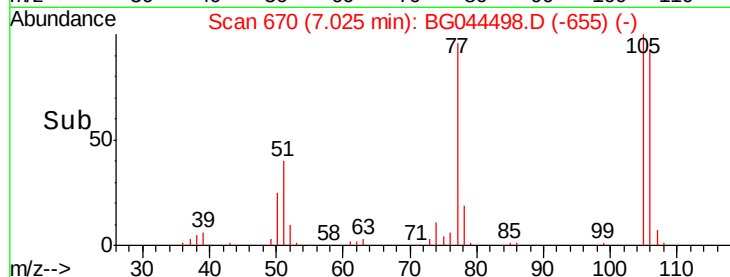
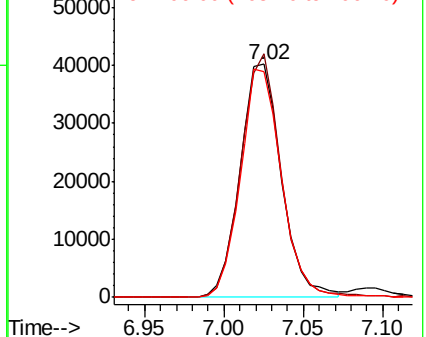
77 100

105 104.5 82.0 122.0

106 96.8 80.7 120.7



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



#10

Phenol

Concen: 51.507 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG044498.D

Acq: 19 Feb 2020 20:44

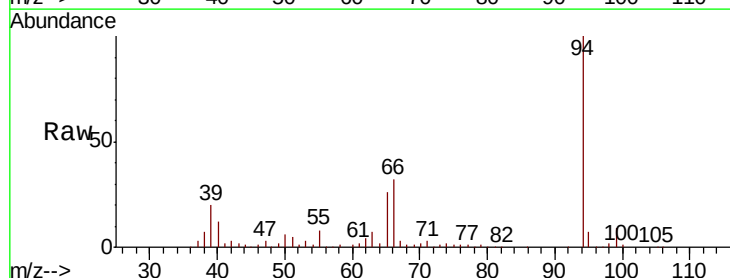
Tgt Ion: 94 Resp: 213602

Ion Ratio Lower Upper

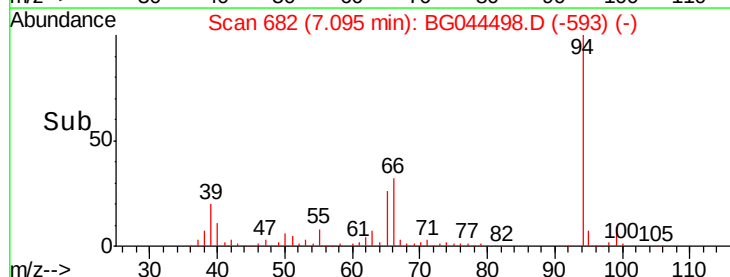
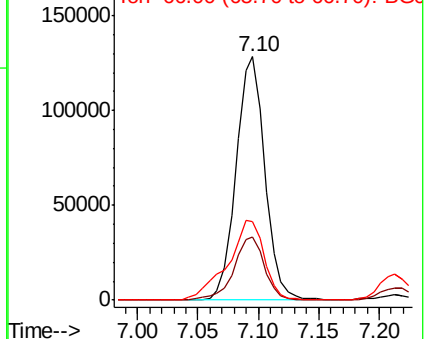
94 100

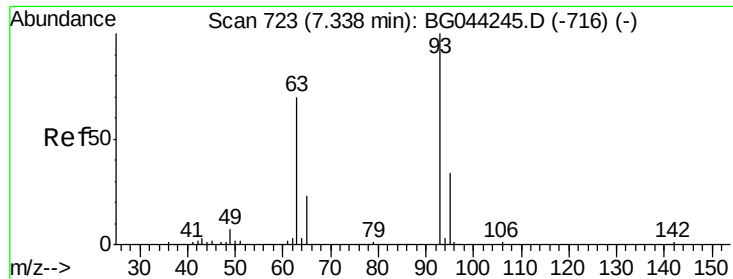
65 26.2 7.0 47.0

66 32.5 12.7 52.7



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

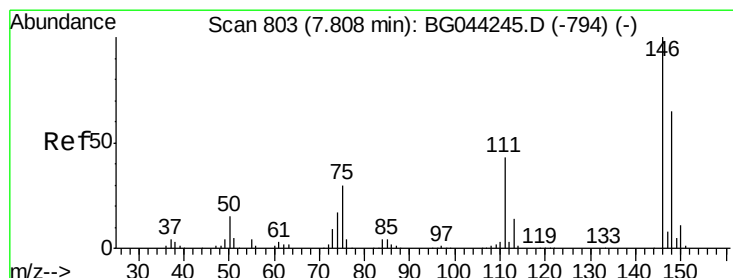
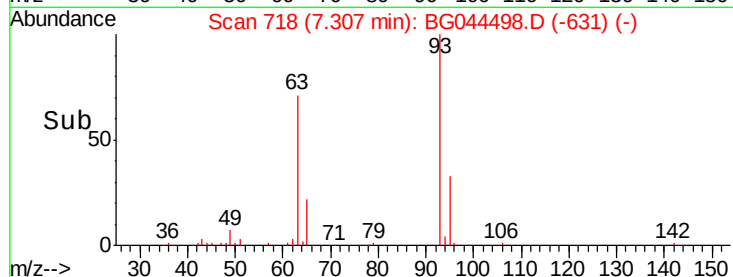
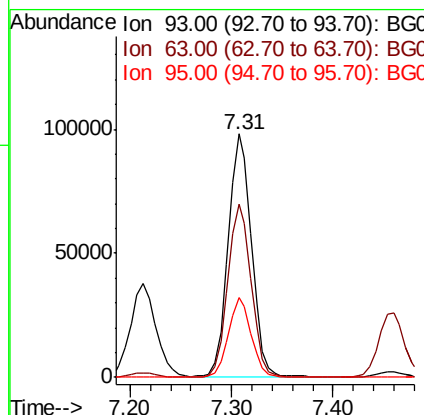
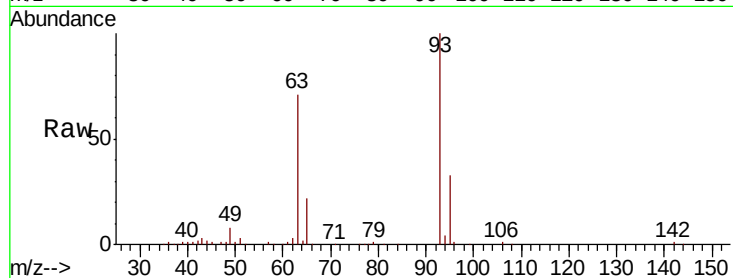




#11
bis(2-Chloroethyl)ether
Concen: 44.433 ng
RT: 7.31 min Scan# 718
Delta R.T. -0.02 min
Lab File: BG044498.D
Acq: 19 Feb 2020 20:44

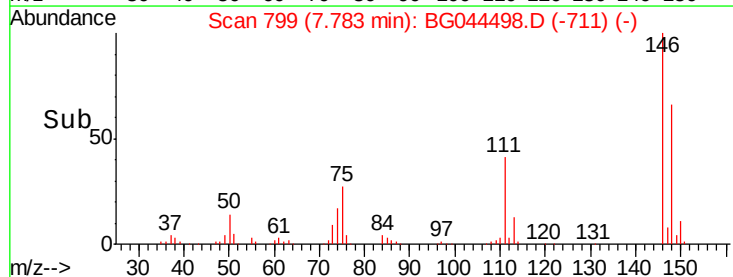
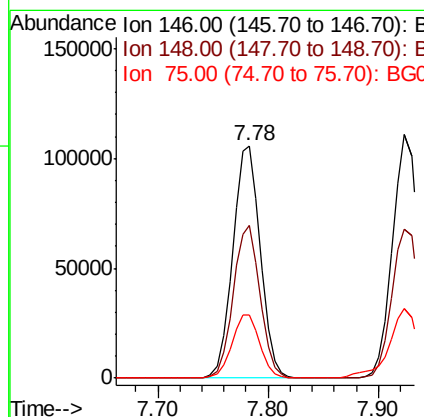
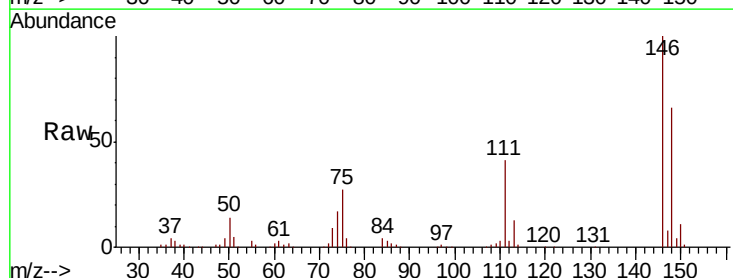
Instrument :
BNA_G
ClientSampleId :

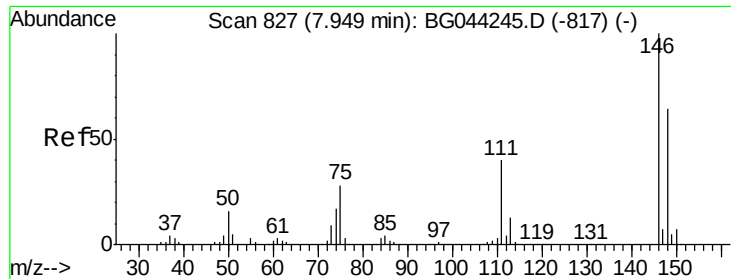
Tot Ion	Ratio	Lower	Upper
93	100		
63	71.3	49.2	89.2
95	32.5	13.6	53.6



#12
1,3-Dichlorobenzene
Concen: 45.073 ng
RT: 7.78 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG044498.D
Acq: 19 Feb 2020 20:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.8	77.8
75	27.3	23.7	35.5

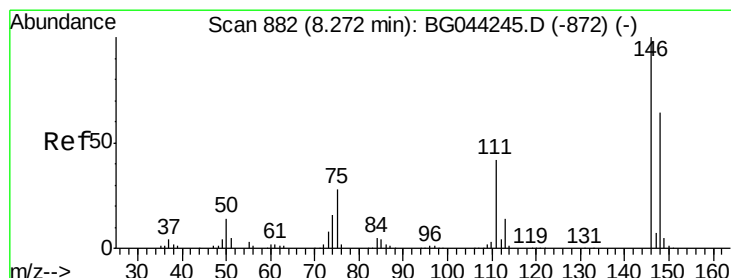
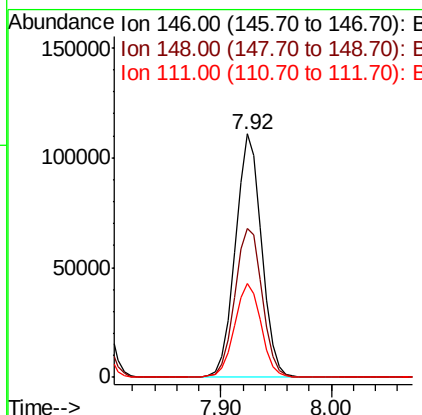
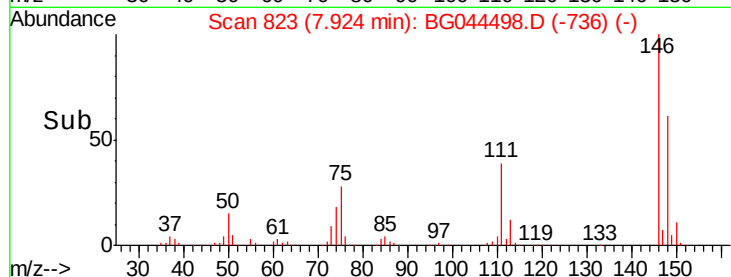
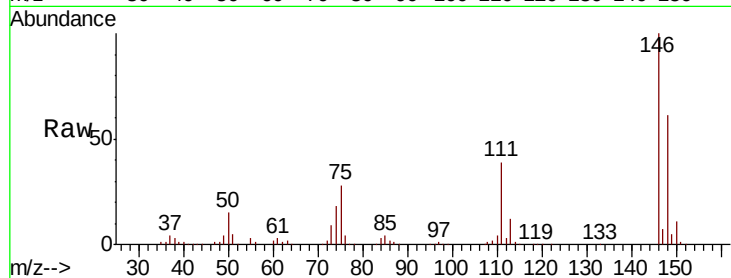




#13
 1,4-Dichlorobenzene
 Concen: 45.480 ng
 RT: 7.92 min Scan# 823
 Delta R.T. -0.02 min
 Lab File: BG044498.D
 Acq: 19 Feb 2020 20:44

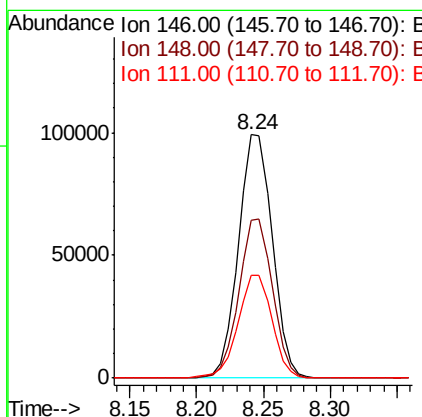
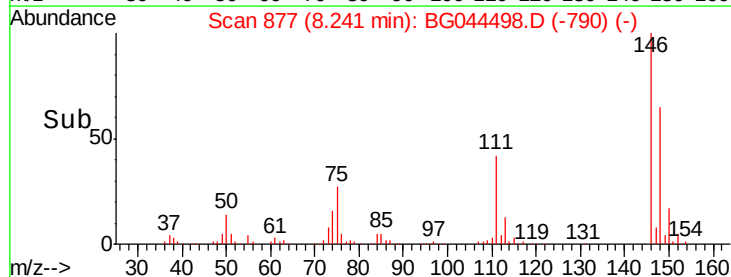
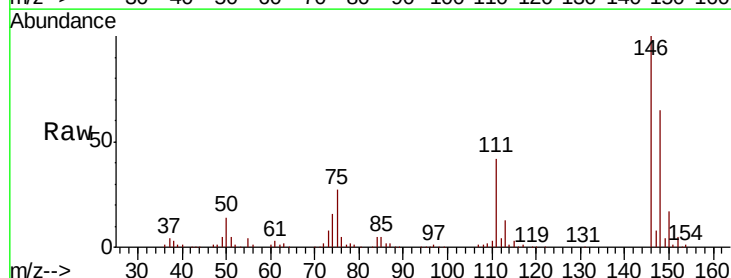
Instrument :
 BNA_G
 ClientSampled :

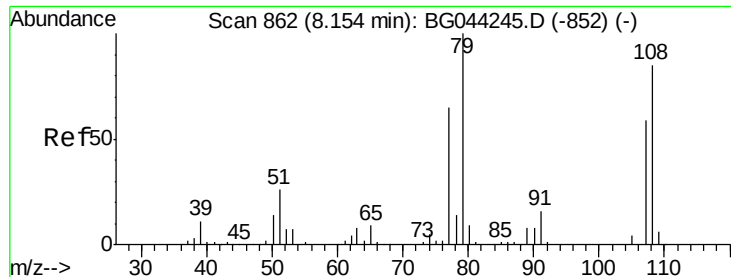
Tot Ion:146 Resp: 184445
 Ion Ratio Lower Upper
 146 100
 148 61.1 51.4 77.0
 111 38.6 31.8 47.8



#14
 1,2-Dichlorobenzene
 Concen: 45.449 ng
 RT: 8.24 min Scan# 877
 Delta R.T. -0.02 min
 Lab File: BG044498.D
 Acq: 19 Feb 2020 20:44

Tgt Ion:146 Resp: 174222
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.2 76.8
 111 42.3 34.0 51.0





#15

Benzyl Alcohol

Concen: 47.039 ng

RT: 8.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BG044498.D

Acq: 19 Feb 2020 20:44

Instrument :
BNA_G
ClientSampled :

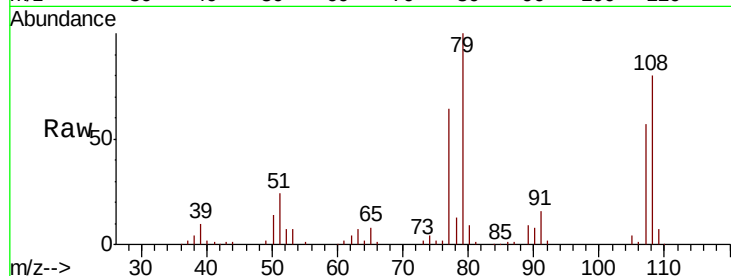
Tot Ion: 79 Resp: 139551

Ion Ratio Lower Upper

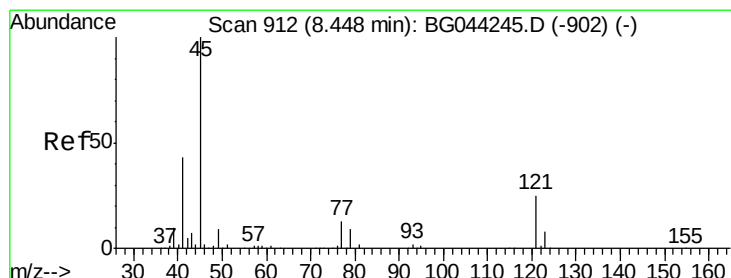
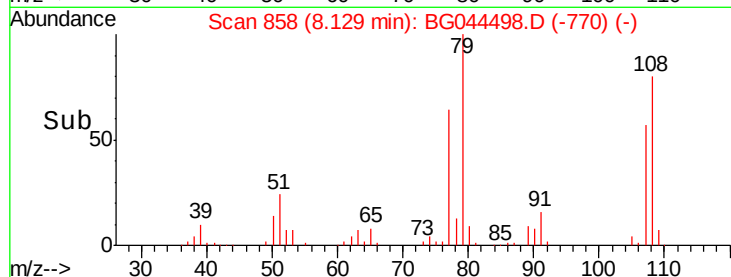
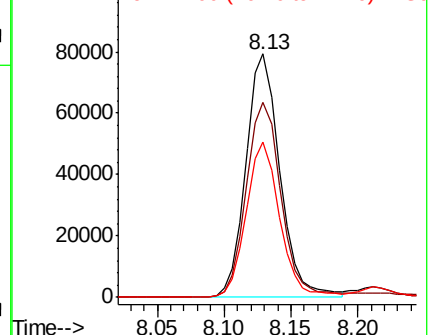
79 100

108 79.9 68.3 102.5

77 63.9 51.8 77.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.027 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.02 min

Lab File: BG044498.D

Acq: 19 Feb 2020 20:44

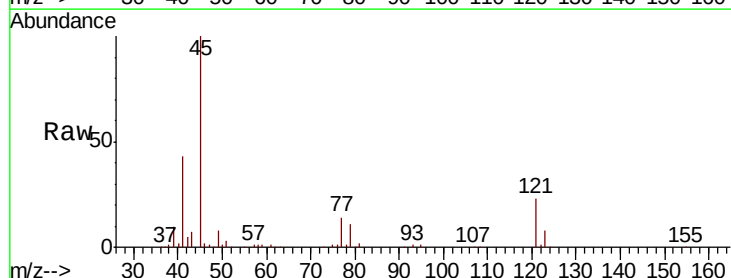
Tgt Ion: 45 Resp: 201675

Ion Ratio Lower Upper

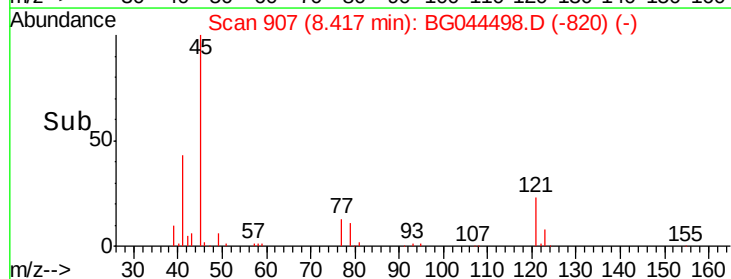
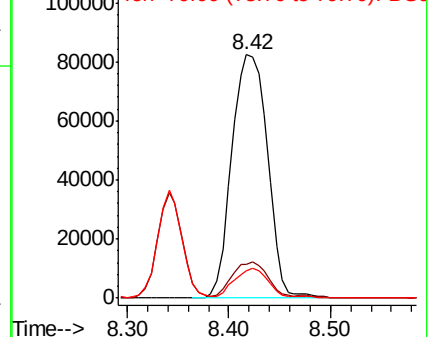
45 100

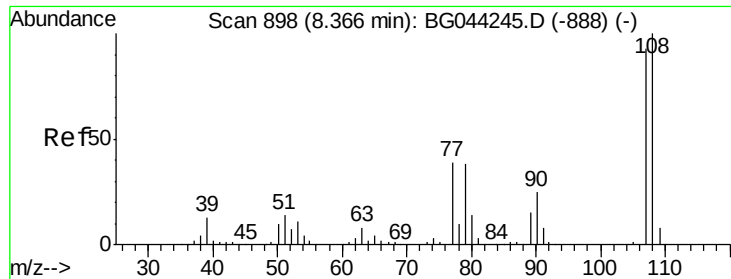
77 14.0 0.0 35.2

79 11.0 0.0 31.1



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

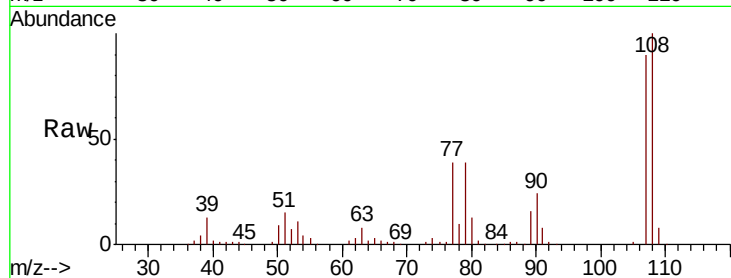




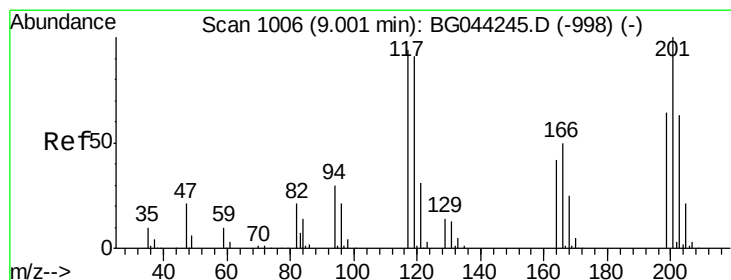
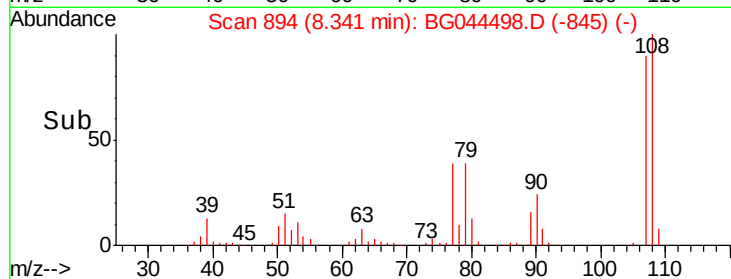
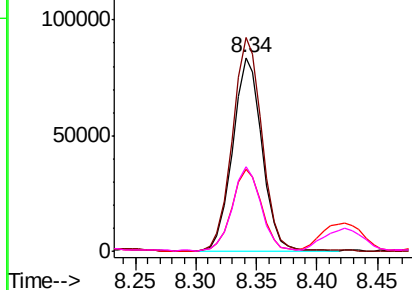
#17
2-Methylphenol
Concen: 47.958 ng
RT: 8.34 min Scan# 894
Delta R.T. -0.01 min
Lab File: BG044498.D
Acq: 19 Feb 2020 20:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	141899
Ion	Ratio	Lower	Upper
107	100		
108	110.5	86.4	129.6
77	42.6	34.0	51.0
79	43.6	32.9	49.3

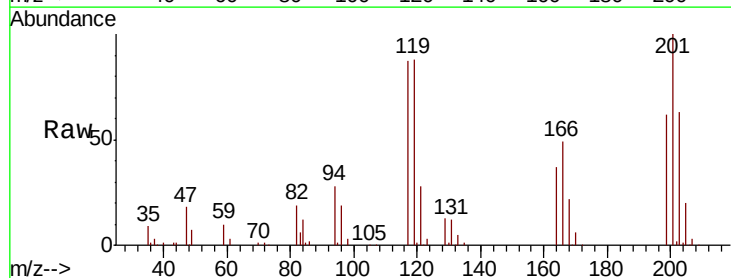


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

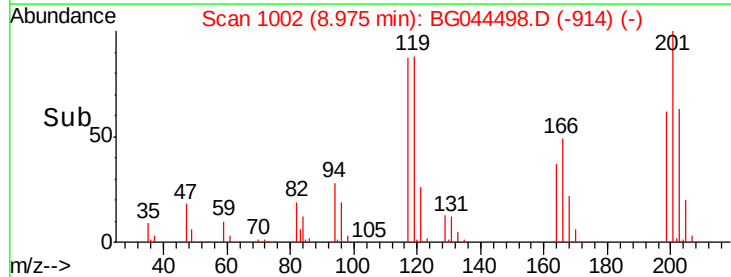
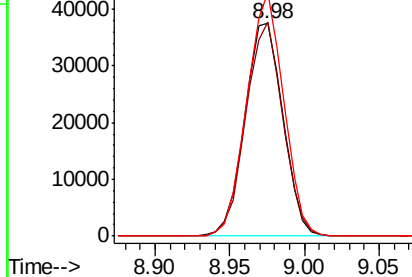


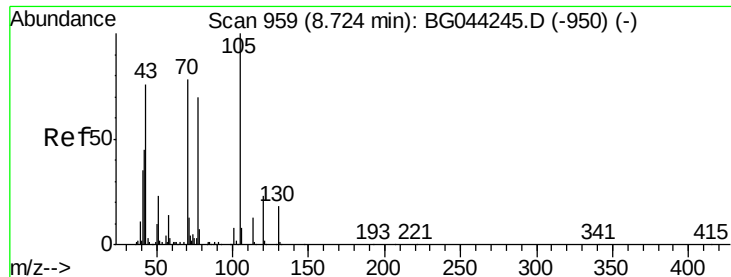
#18
Hexachloroethane
Concen: 43.550 ng
RT: 8.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BG044498.D
Acq: 19 Feb 2020 20:44

Tgt Ion:	117	Resp:	66277
Ion	Ratio	Lower	Upper
117	100		
119	100.9	77.5	116.3
201	114.4	84.9	127.3



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

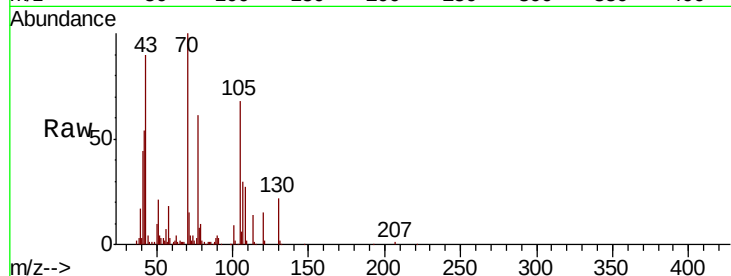




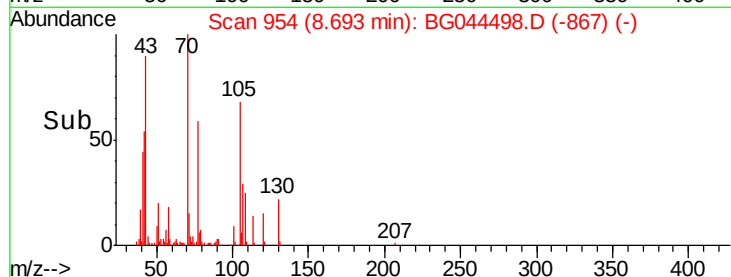
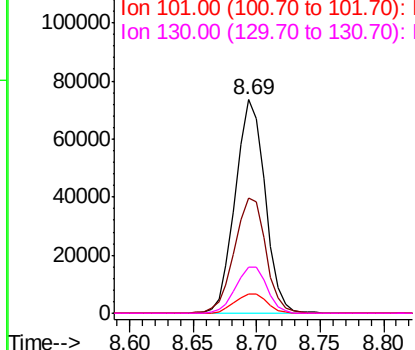
#19
n-Nitroso-di-n-propylamine
Concen: 42.988 ng
RT: 8.69 min Scan# 954
Delta R.T. -0.02 min
Lab File: BG044498.D
Acq: 19 Feb 2020 20:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	120051
Ion	Ratio	Lower	Upper
70	100		
42	54.0	46.2	69.2
101	9.2	8.4	12.6
130	21.8	17.8	26.8

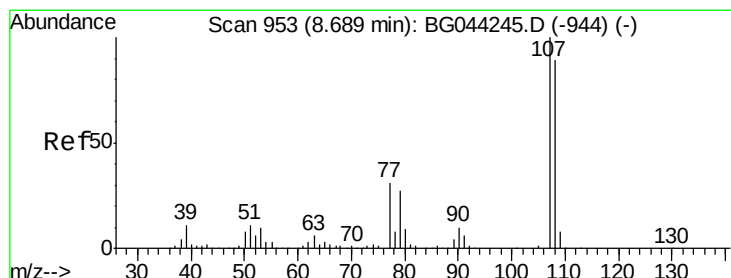


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

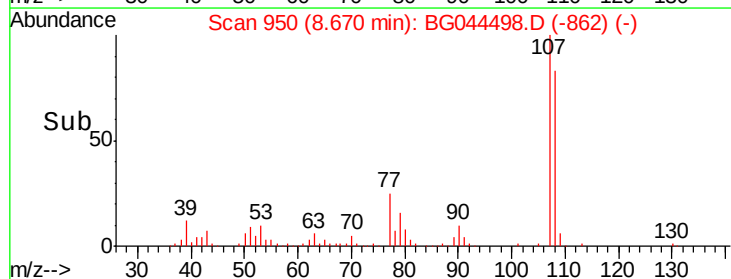
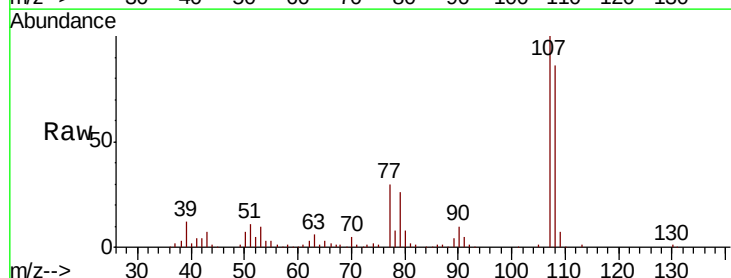
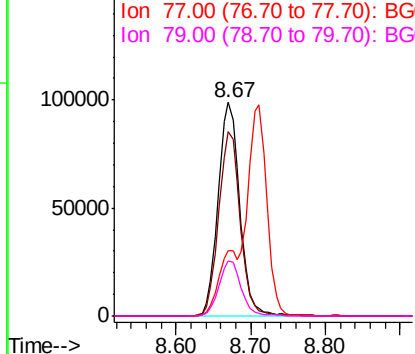


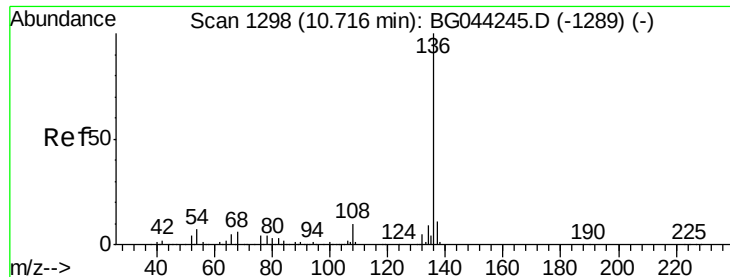
#20
3+4-Methylphenols
Concen: 48.779 ng
RT: 8.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG044498.D
Acq: 19 Feb 2020 20:44

Tgt Ion:	107	Resp:	198908
Ion	Ratio	Lower	Upper
107	100		
108	86.2	68.5	108.5
77	30.3	10.9	50.9
79	26.1	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: 10.69 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BG044498.D

Acq: 19 Feb 2020 20:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 223921

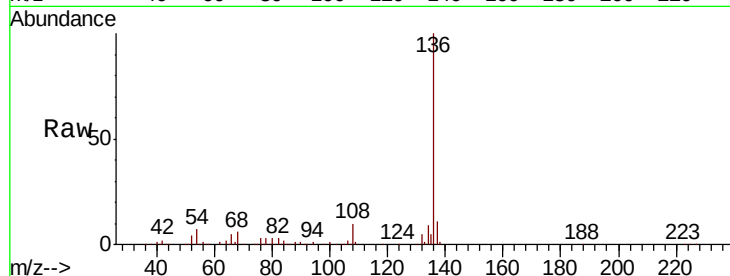
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 6.7 5.8 8.8

68 5.7 4.6 6.8

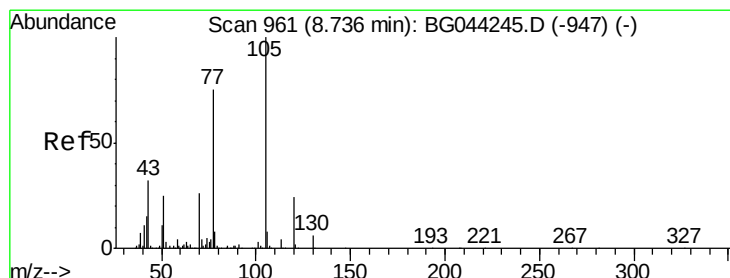
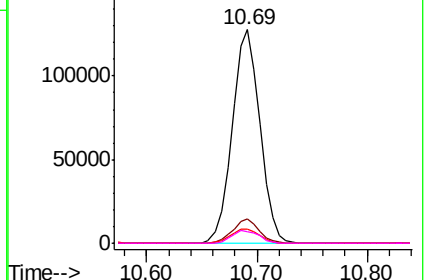
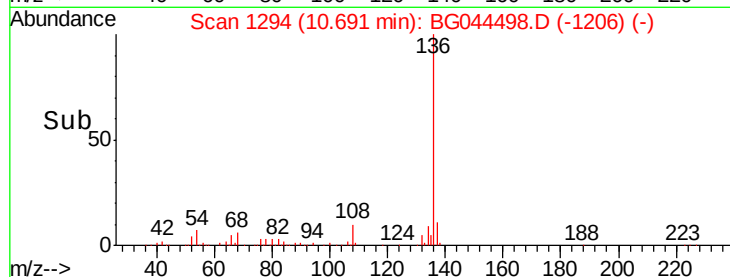


Abundance Ion 136.00 (135.70 to 136.70): E

200000 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: 41.917 ng

RT: 8.71 min Scan# 957

Delta R.T. -0.01 min

Lab File: BG044498.D

Acq: 19 Feb 2020 20:44

Tgt Ion:105 Resp: 228333

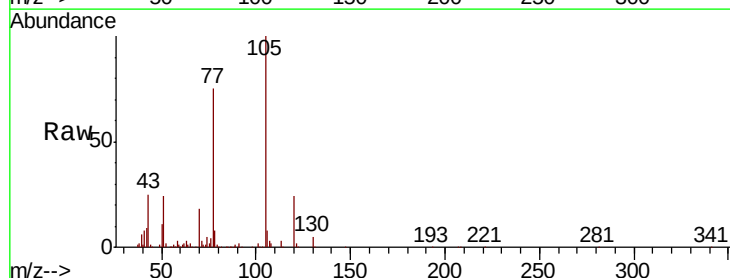
Ion Ratio Lower Upper

105 100

71 2.9 3.4 5.0#

51 24.2 20.2 30.4

120 23.9 19.1 28.7

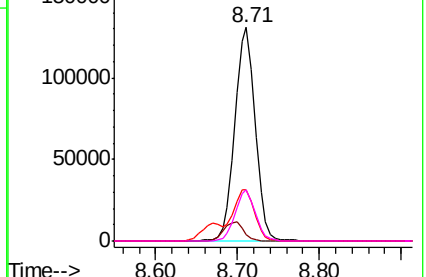
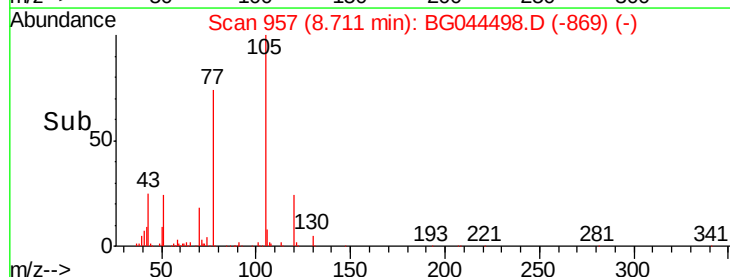


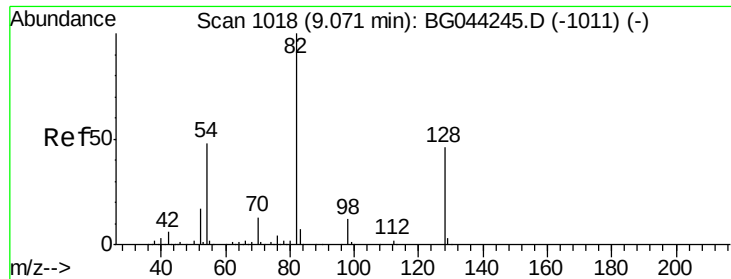
Abundance Ion 105.00 (104.70 to 105.70): E

200000 Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

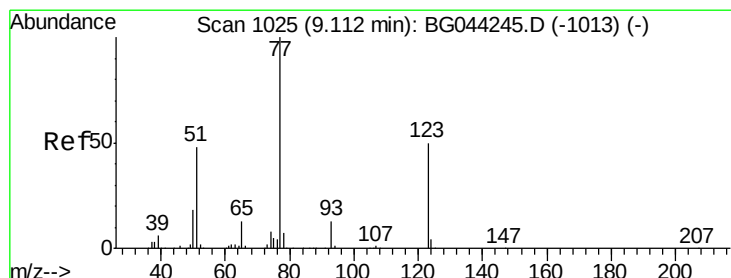
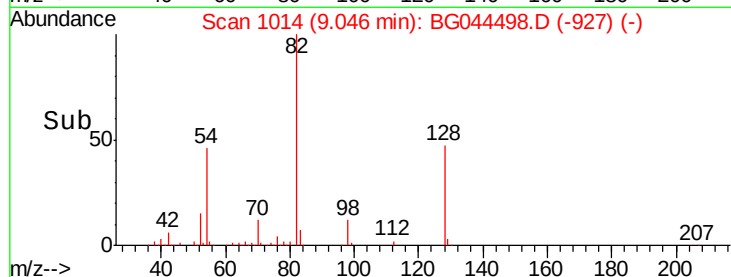
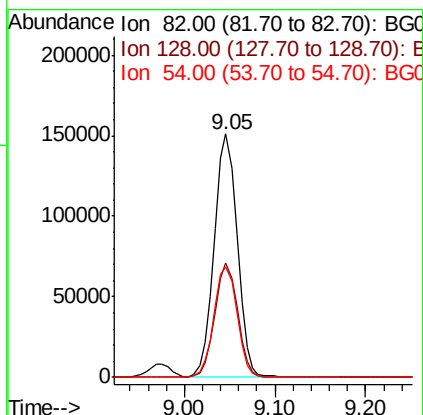
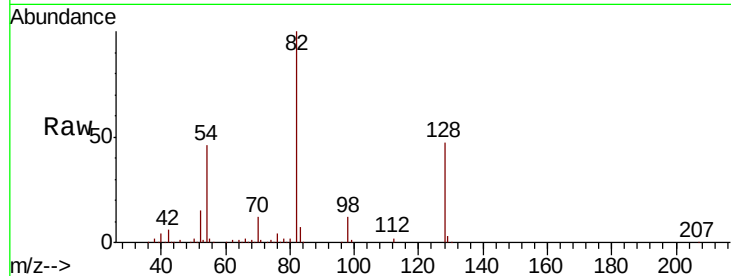




#23
 Nitrobenzene-d5
 Concen: 67.461 ng
 RT: 9.05 min Scan# 1014
 Delta R.T. -0.02 min
 Lab File: BG044498.D
 Acq: 19 Feb 2020 20:44

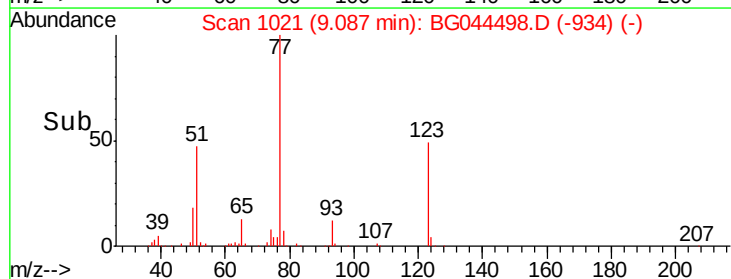
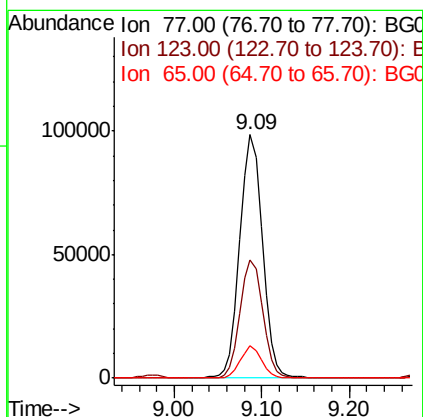
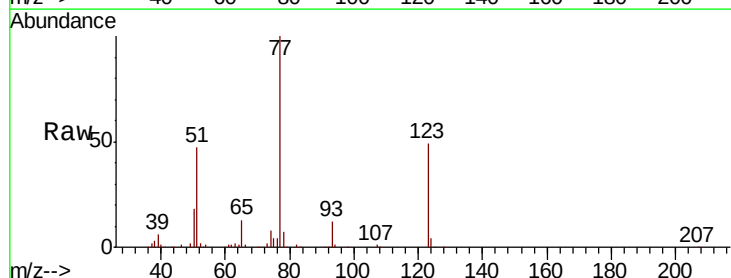
Instrument :
 BNA_G
 ClientSampled :

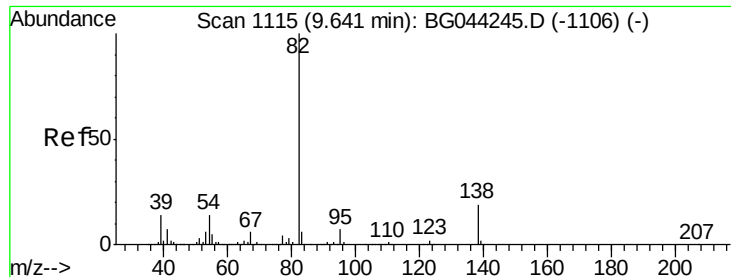
Tot Ion	82	Resp	267569
Ion Ratio	Lower	Upper	
82	100		
128	46.8	36.5	54.7
54	45.6	38.6	58.0



#24
 Nitrobenzene
 Concen: 44.611 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.02 min
 Lab File: BG044498.D
 Acq: 19 Feb 2020 20:44

Tgt Ion	77	Resp	172738
Ion Ratio	Lower	Upper	
77	100		
123	48.8	39.9	59.9
65	13.2	10.4	15.6

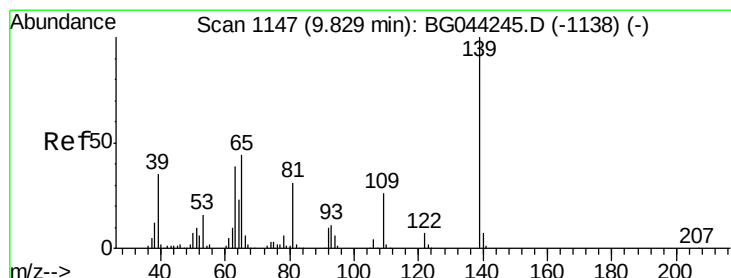
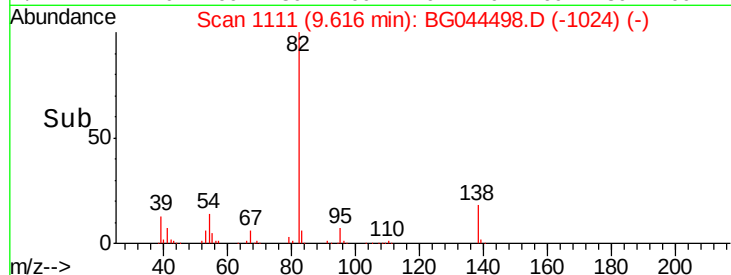
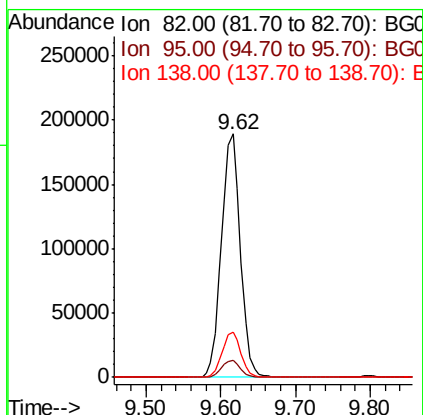
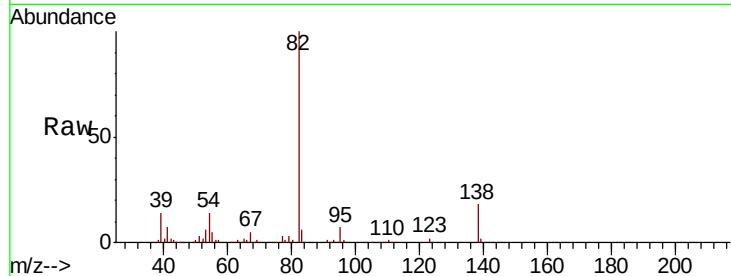




#25
Isophorone
Concen: 45.244 ng
RT: 9.62 min Scan# 1111
Delta R.T. -0.02 min
Lab File: BG044498.D
Acq: 19 Feb 2020 20:44

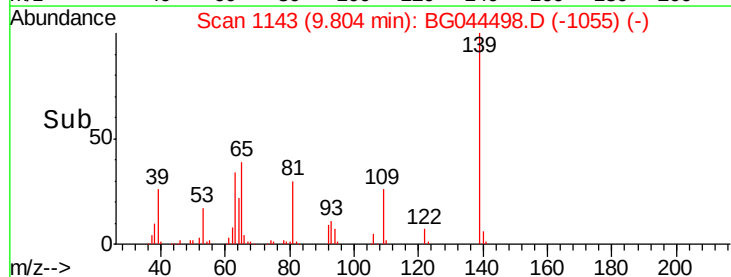
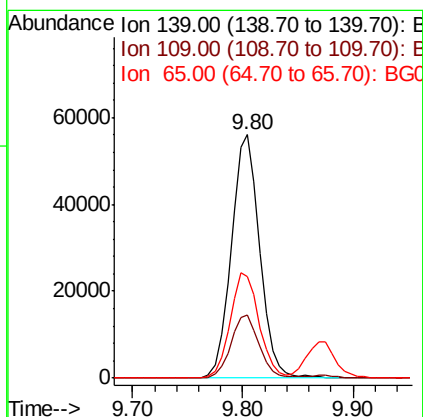
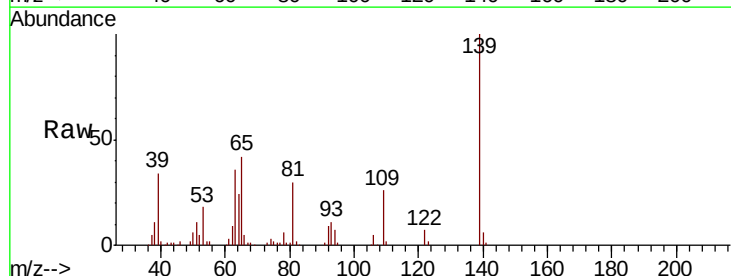
Instrument :
BNA_G
ClientSampleId :

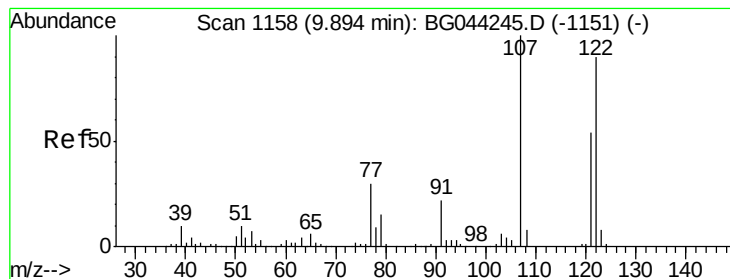
Tot Ion	82	Resp	334475
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.7	8.5
138	18.4	15.0	22.4



#26
2-Nitrophenol
Concen: 50.176 ng
RT: 9.80 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BG044498.D
Acq: 19 Feb 2020 20:44

Tgt Ion	139	Resp	100813
Ion Ratio	Lower	Upper	
139	100		
109	26.1	21.0	31.4
65	41.5	35.0	52.4





#27

2,4-Dimethylphenol

Concen: 56.550 ng

RT: 9.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BG044498.D

Acq: 19 Feb 2020 20:44

Instrument :

BNA_G

ClientSampleId :

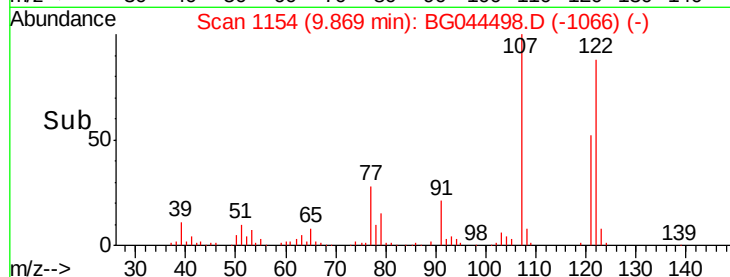
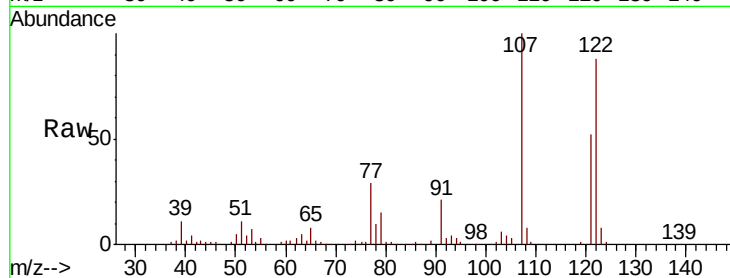
Tot Ion:122 Resp: 160385

Ion Ratio Lower Upper

122 100

107 113.4 88.8 133.2

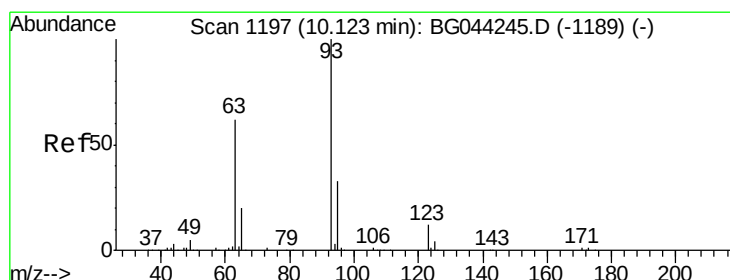
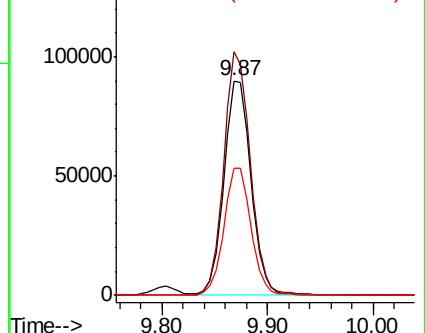
121 59.2 48.3 72.5



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: 41.880 ng

RT: 10.10 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG044498.D

Acq: 19 Feb 2020 20:44

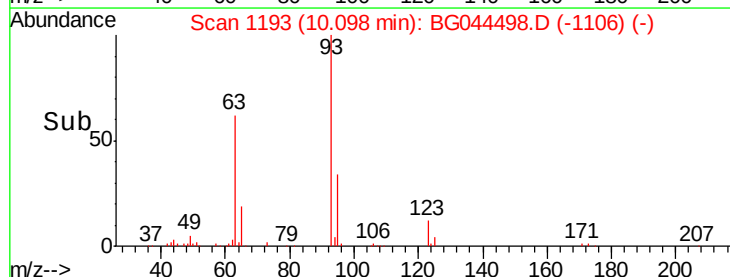
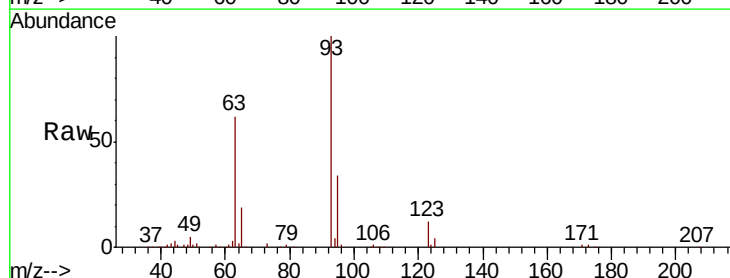
Tgt Ion: 93 Resp: 206537

Ion Ratio Lower Upper

93 100

95 34.3 26.6 40.0

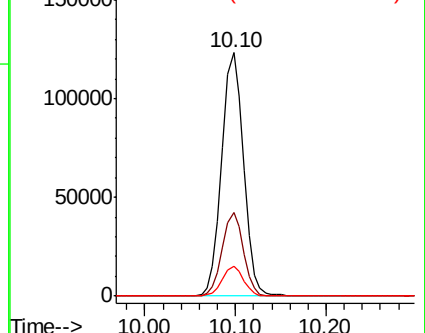
123 12.3 10.0 15.0

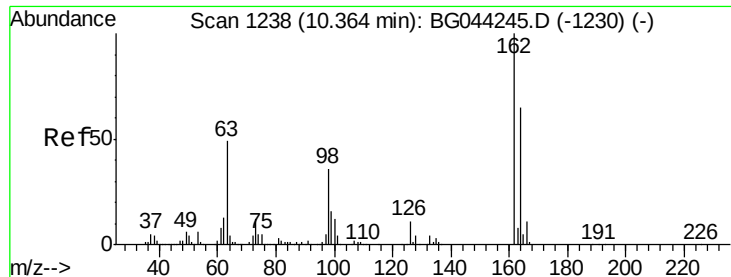


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

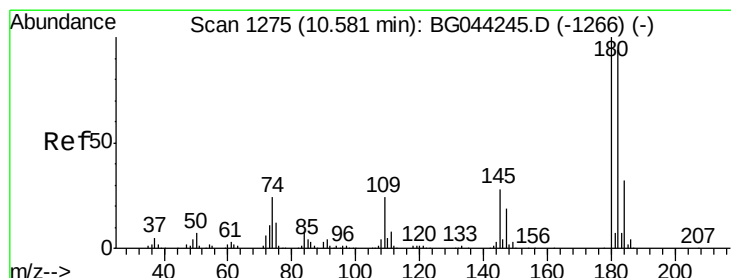
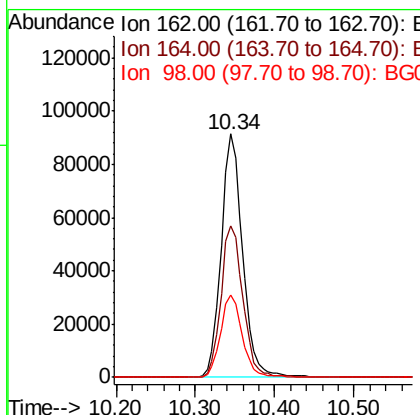
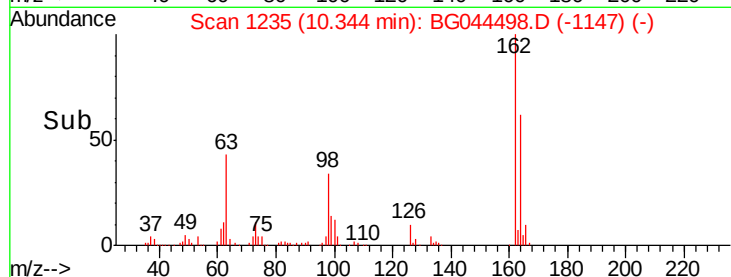
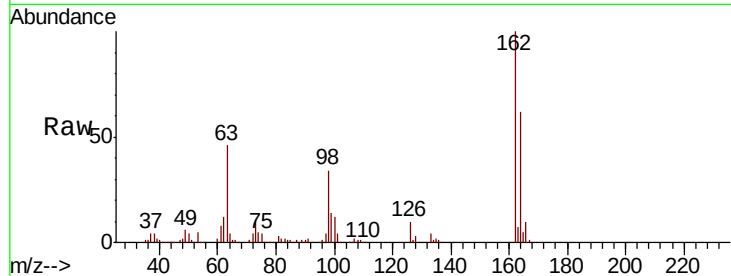




#29
 2,4-Dichlorophenol
 Concen: 49.843 ng
 RT: 10.34 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BG044498.D
 Acq: 19 Feb 2020 20:44

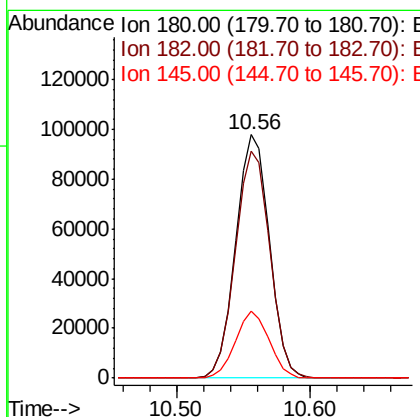
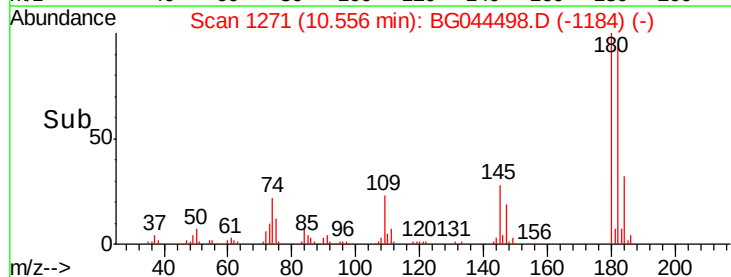
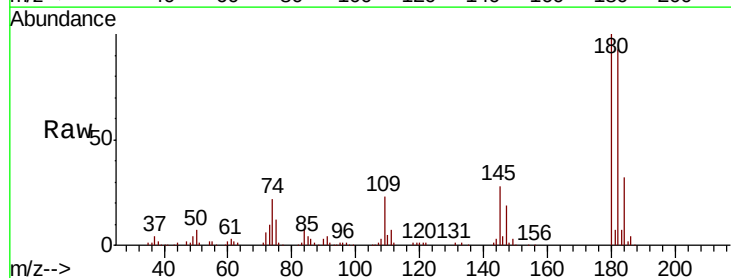
Instrument :
 BNA_G
 ClientSampleId :

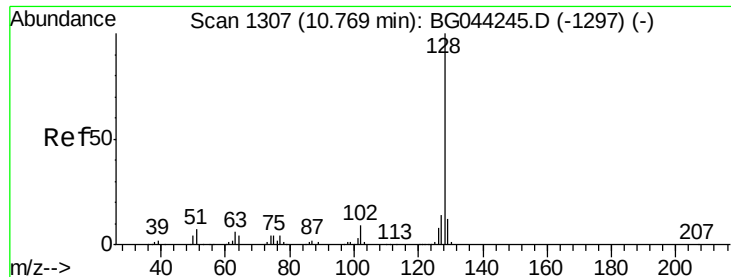
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	44.7	84.7
98	33.8	15.8	55.8



#30
 1,2,4-Trichlorobenzene
 Concen: 43.372 ng
 RT: 10.56 min Scan# 1271
 Delta R.T. -0.02 min
 Lab File: BG044498.D
 Acq: 19 Feb 2020 20:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	75.5	113.3
145	27.5	22.6	34.0

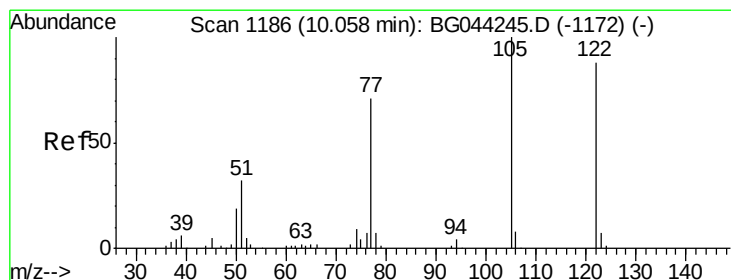
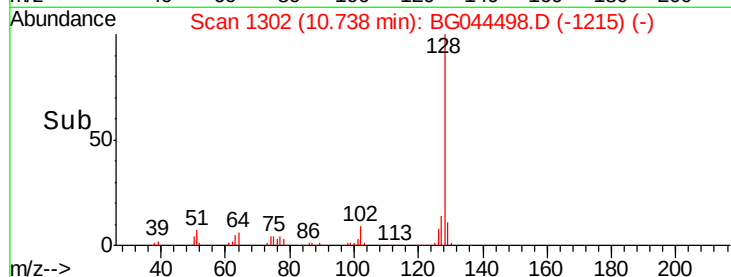
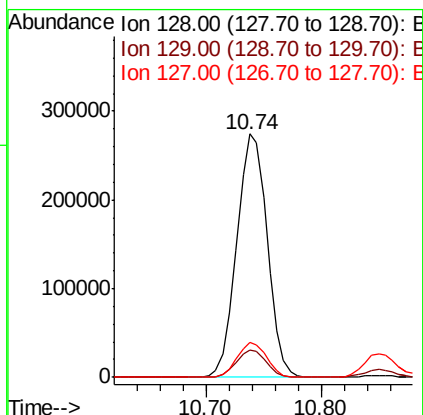
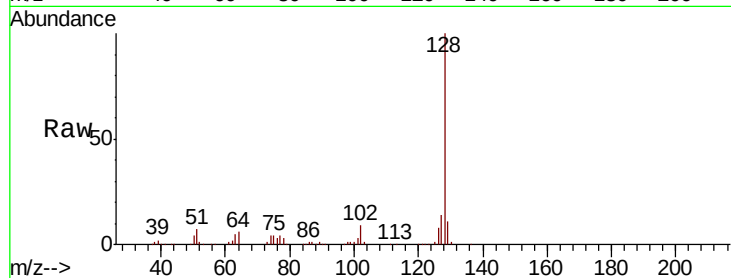




#31
Naphthalene
Concen: 46.124 ng
RT: 10.74 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BG044498.D
Acq: 19 Feb 2020 20:44

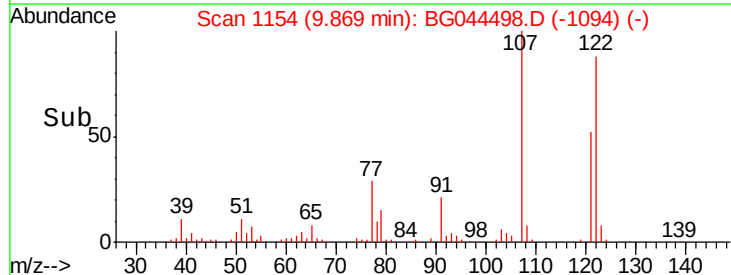
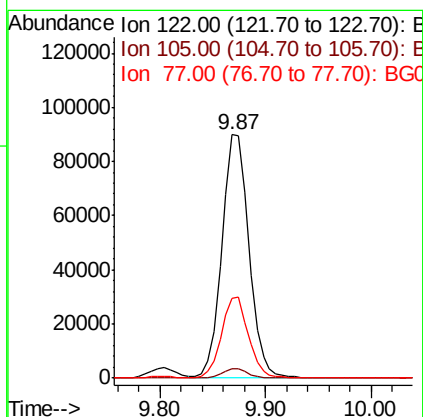
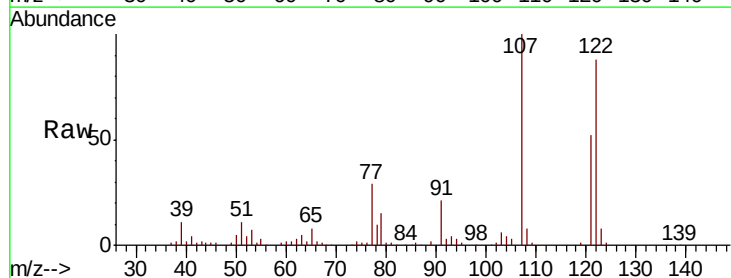
Instrument :
BNA_G
ClientSampleId :

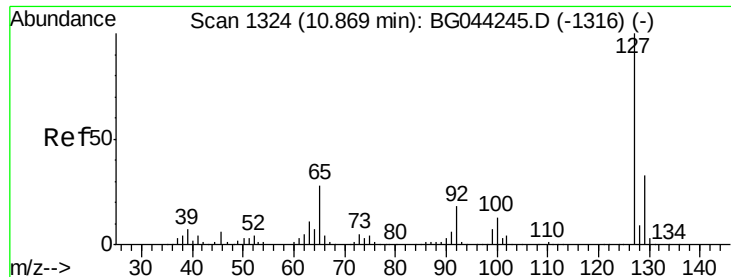
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.3	13.9
127	14.2	11.6	17.4



#32
Benzoic acid
Concen: 74.678 ng
RT: 9.87 min Scan# 1154
Delta R.T. -0.18 min
Lab File: BG044498.D
Acq: 19 Feb 2020 20:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	3.7	93.5	133.5#
77	32.8	61.0	101.0#

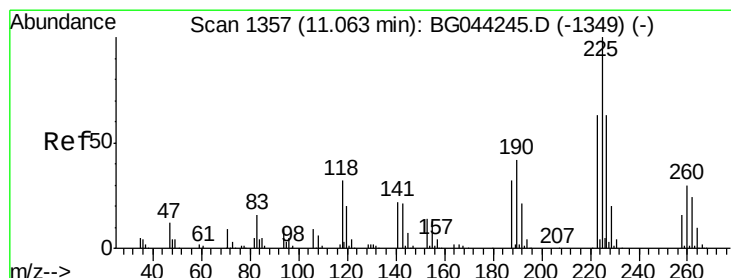
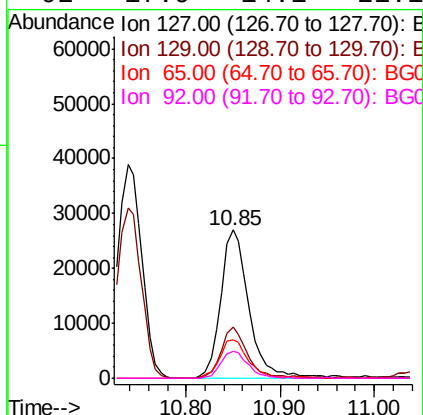
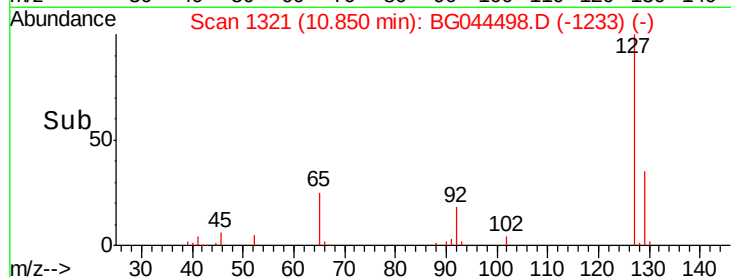
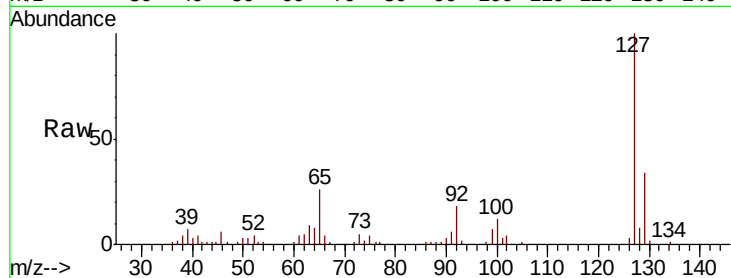




#33
4-Chloroaniline
Concen: 11.430 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044498.D
Acq: 19 Feb 2020 20:44

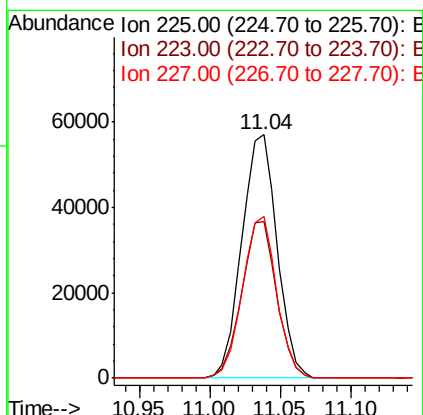
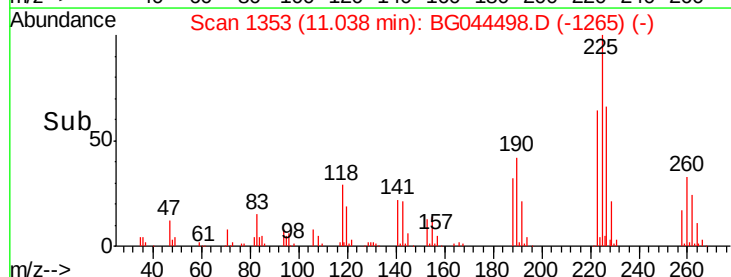
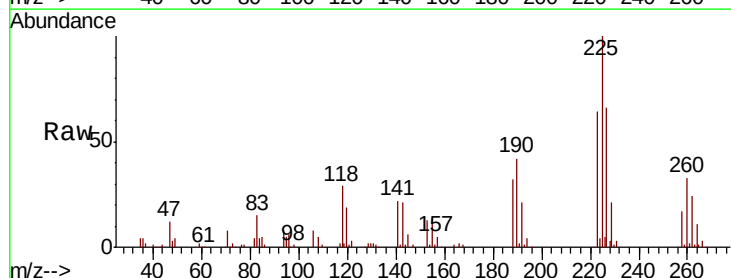
Instrument :
BNA_G
ClientSampled :

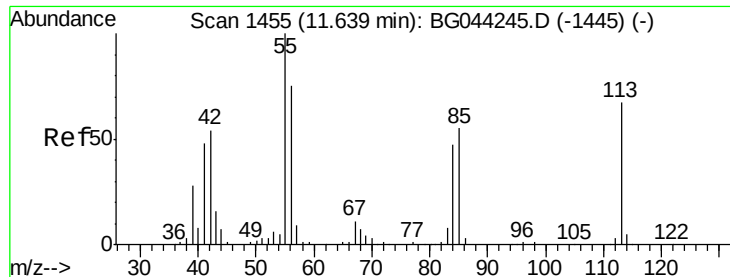
Tot Ion:	127	Resp:	56473
Ion	Ratio	Lower	Upper
127	100		
129	34.5	26.6	40.0
65	26.2	22.5	33.7
92	17.9	14.1	21.1



#34
Hexachlorobutadiene
Concen: 41.304 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG044498.D
Acq: 19 Feb 2020 20:44

Tgt Ion:	225	Resp:	99941
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.2	75.4
227	66.4	50.8	76.2

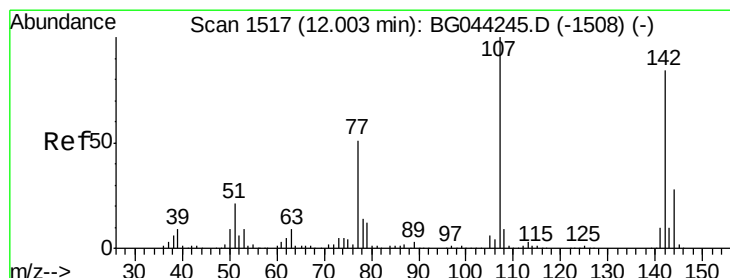
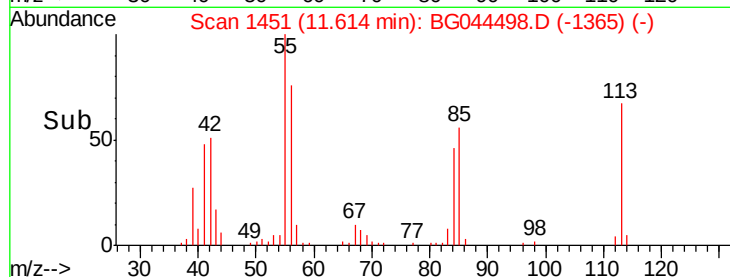
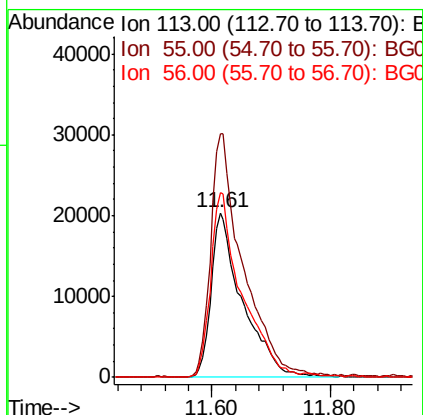
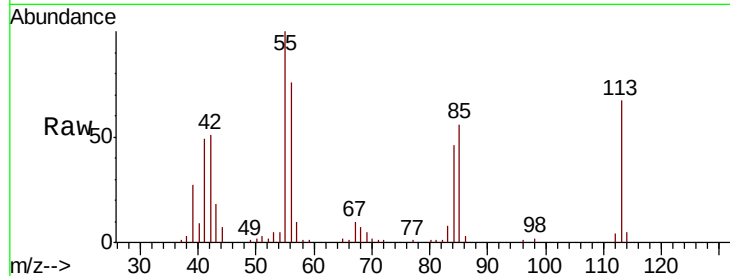




#35
Caprolactam
Concen: 59.671 ng
RT: 11.61 min Scan# 1451
Delta R.T. -0.02 min
Lab File: BG044498.D
Acq: 19 Feb 2020 20:44

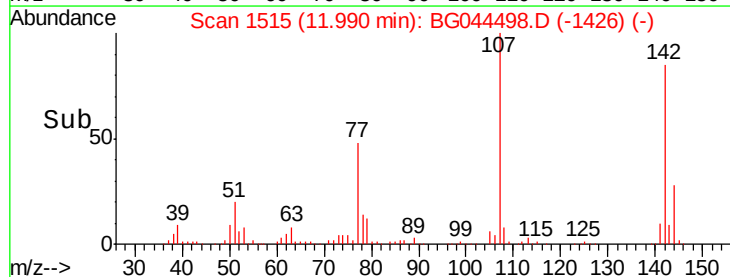
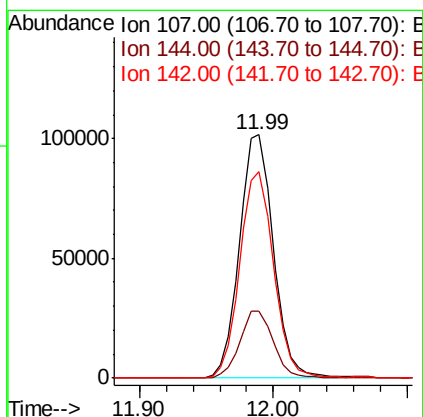
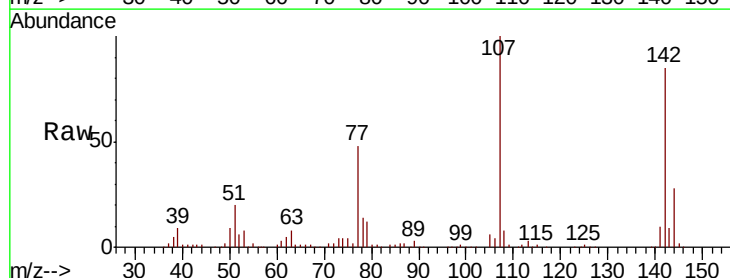
Instrument :
BNA_G
ClientSampleId :

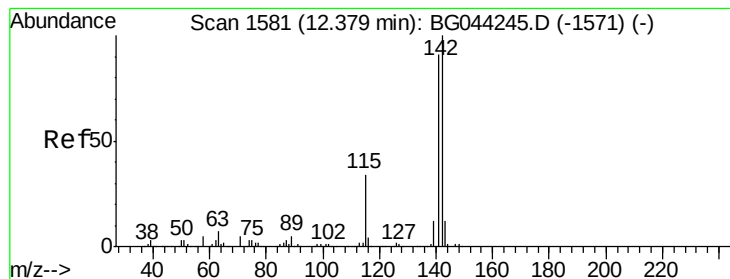
Tot Ion:113 Resp: 74962
Ion Ratio Lower Upper
113 100
55 148.2 129.9 169.9
56 112.6 92.5 132.5



#36
4-Chloro-3-methylphenol
Concen: 49.668 ng
RT: 11.99 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BG044498.D
Acq: 19 Feb 2020 20:44

Tgt Ion:107 Resp: 178583
Ion Ratio Lower Upper
107 100
144 27.5 22.2 33.4
142 84.7 67.4 101.0





#37

2-Methylnaphthalene

Concen: 45.129 ng

RT: 12.35 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BG044498.D

Acq: 19 Feb 2020 20:44

Instrument :

BNA_G

ClientSampleId :

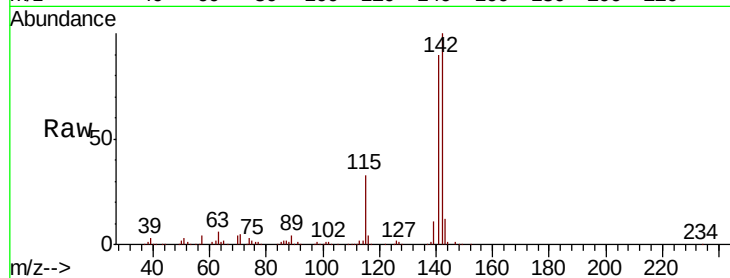
Tot Ion:142 Resp: 364021

Ion Ratio Lower Upper

142 100

141 90.3 73.2 109.8

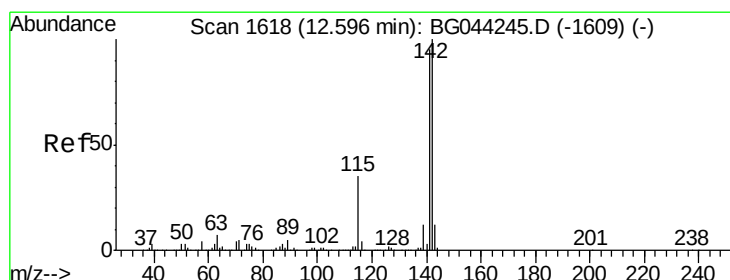
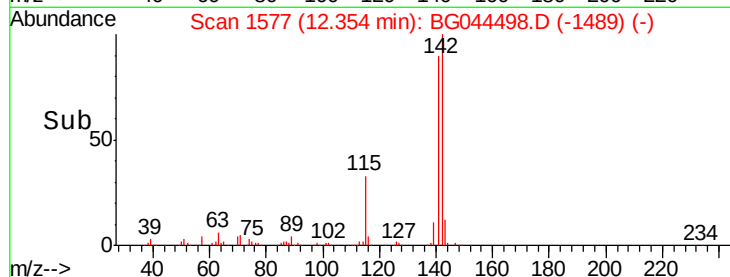
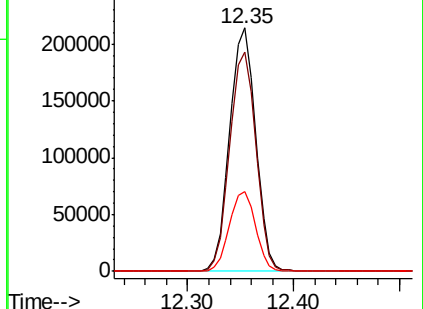
115 33.0 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 45.499 ng

RT: 12.57 min Scan# 1614

Delta R.T. -0.01 min

Lab File: BG044498.D

Acq: 19 Feb 2020 20:44

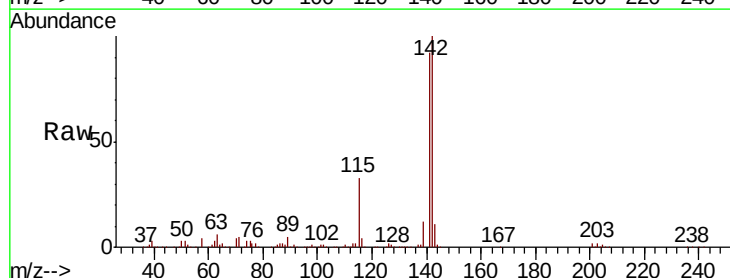
Tgt Ion:142 Resp: 346010

Ion Ratio Lower Upper

142 100

141 91.9 75.8 113.6

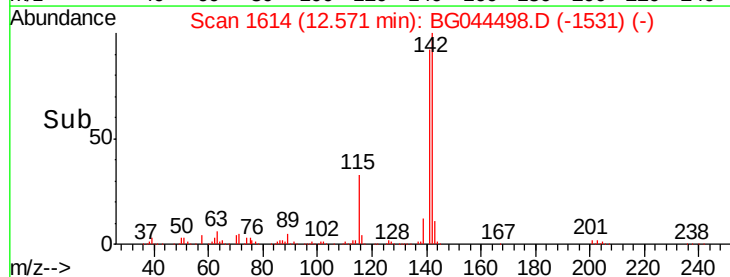
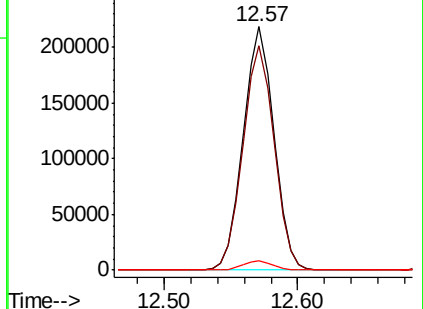
116 3.7 3.1 4.7

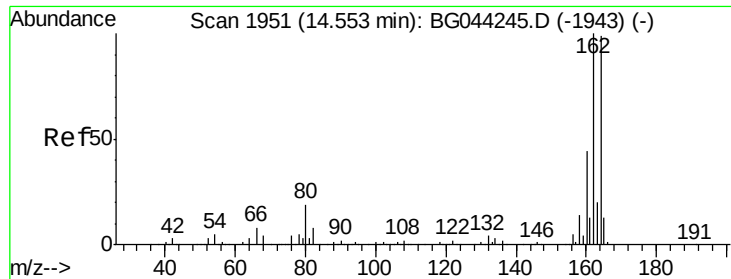


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.53 min Scan# 1947

Delta R.T. -0.02 min

Lab File: BG044498.D

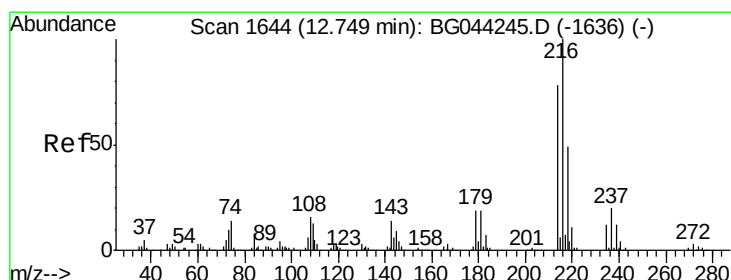
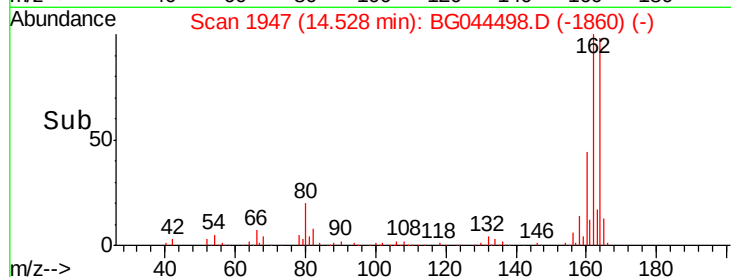
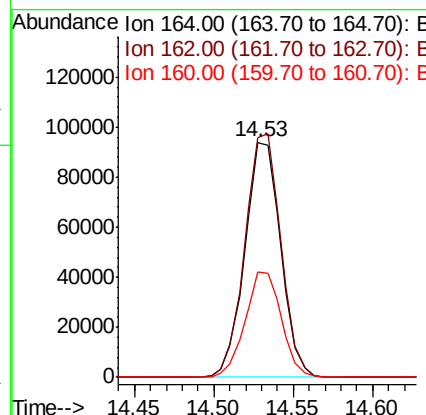
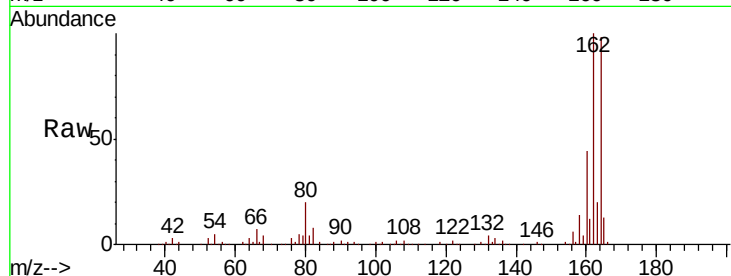
Acq: 19 Feb 2020 20:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	164	Resp:	147155
Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.7	121.1
160	44.8	35.3	52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.643 ng

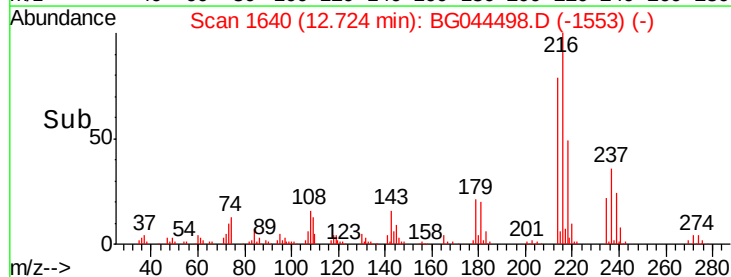
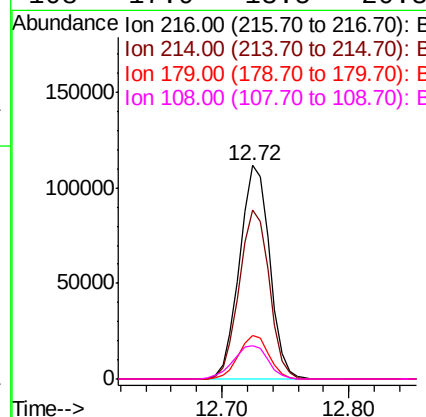
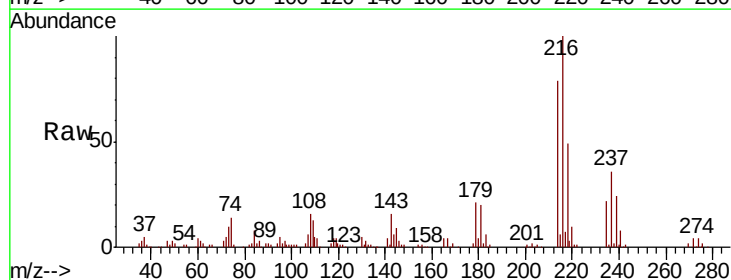
RT: 12.72 min Scan# 1640

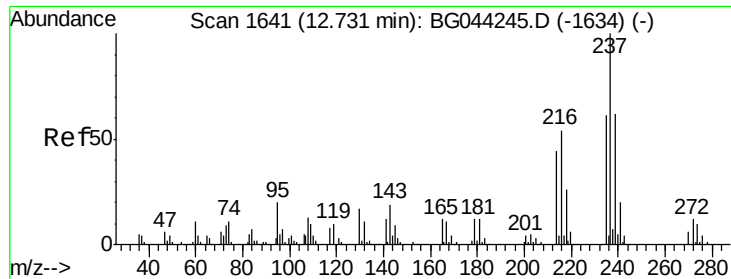
Delta R.T. -0.02 min

Lab File: BG044498.D

Acq: 19 Feb 2020 20:44

Tgt Ion:	216	Resp:	183309
Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.0	94.6
179	20.5	16.2	24.4
108	17.9	13.5	20.3

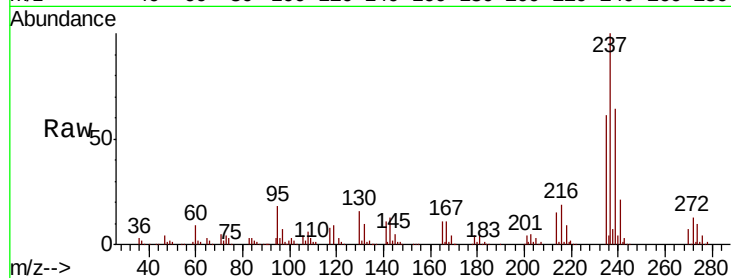




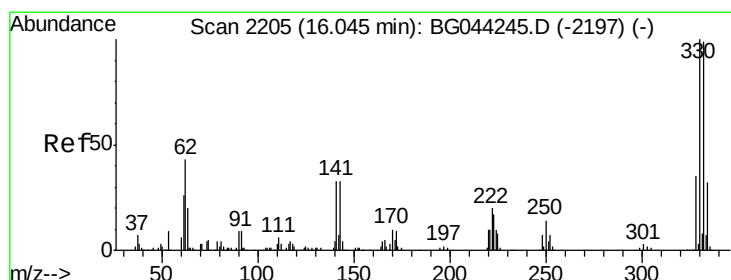
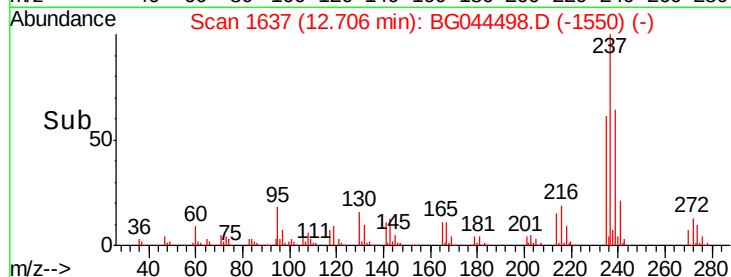
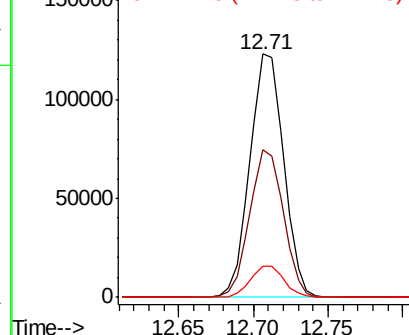
#41
Hexachlorocyclopentadiene
Concen: 90.884 ng
RT: 12.71 min Scan# 1637
Delta R.T. -0.02 min
Lab File: BG044498.D
Acq: 19 Feb 2020 20:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 191962
Ion Ratio Lower Upper
237 100
235 60.8 41.2 81.2
272 12.9 0.0 32.4

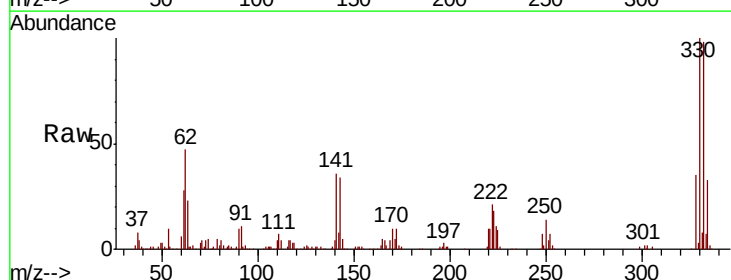


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

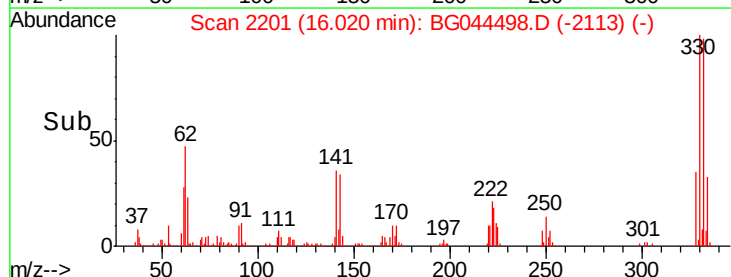
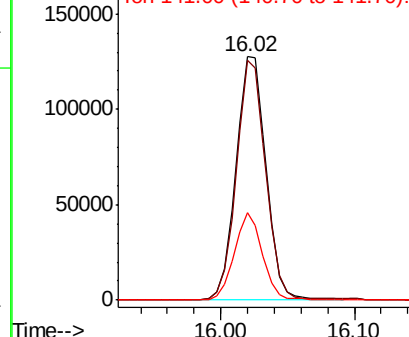


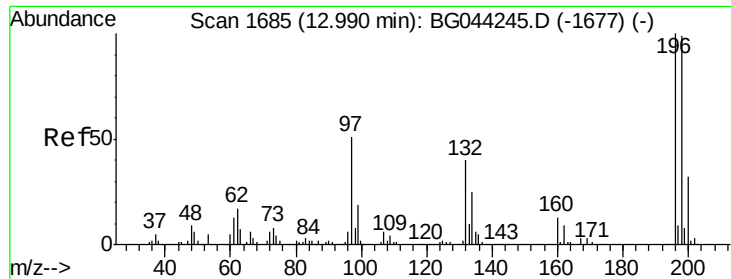
#42
2,4,6-Tribromophenol
Concen: 115.469 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG044498.D
Acq: 19 Feb 2020 20:44

Tgt Ion:330 Resp: 199474
Ion Ratio Lower Upper
330 100
332 96.1 77.2 115.8
141 34.1 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

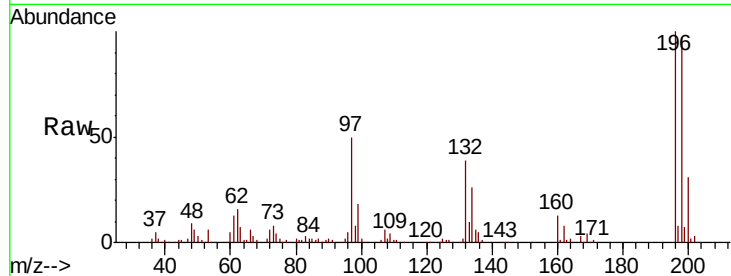




#43
 2,4,6-Trichlorophenol
 Concen: 49.899 ng
 RT: 12.96 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG044498.D
 Acq: 19 Feb 2020 20:44

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	141975
Ion	Ratio	Lower	Upper
196	100		
198	97.0	79.3	118.9
200	30.7	25.7	38.5

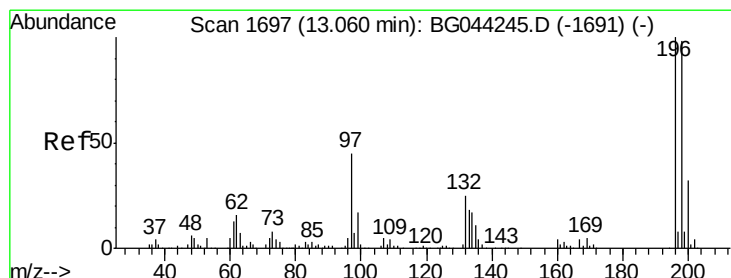
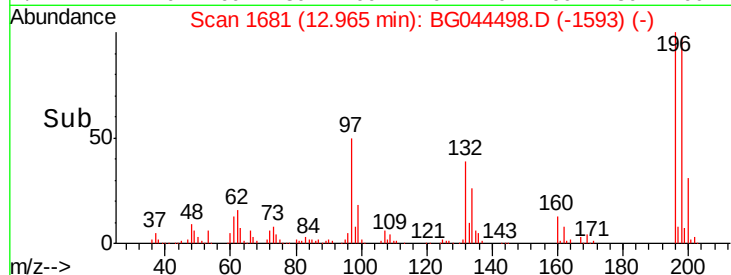
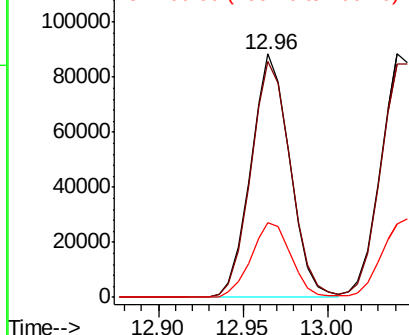


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 53.903 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. -0.01 min
 Lab File: BG044498.D
 Acq: 19 Feb 2020 20:44

Tgt Ion	196	Resp	156651
Ion	Ratio	Lower	Upper
196	100		
198	96.0	78.2	117.2
97	44.4	36.2	54.4
132	26.8	20.2	30.4

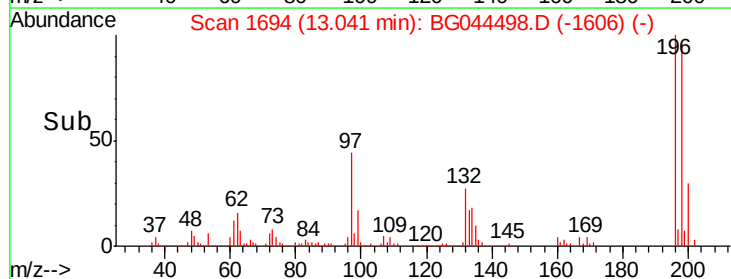
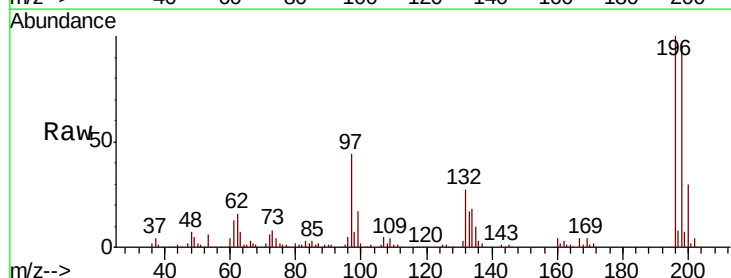
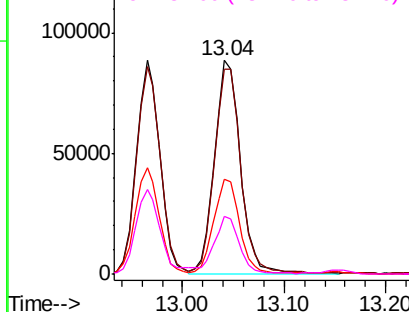
Abundance

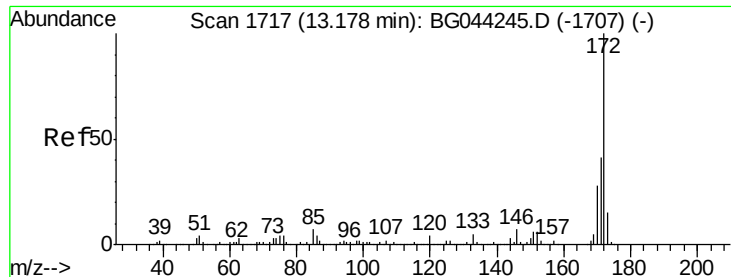
Ion 196.00 (195.70 to 196.70): E

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

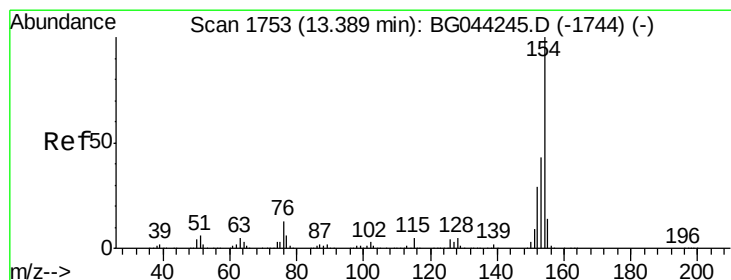
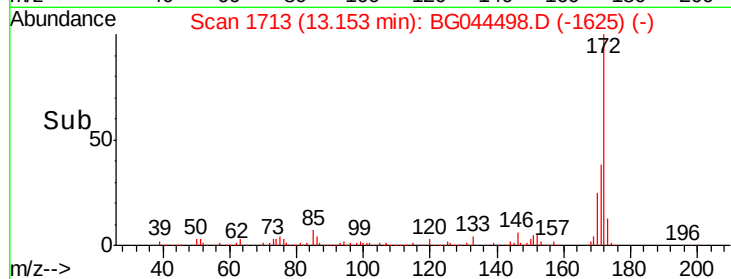
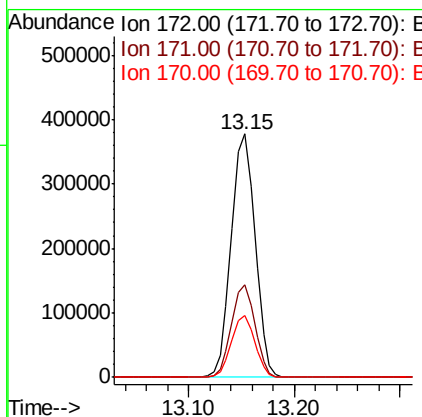
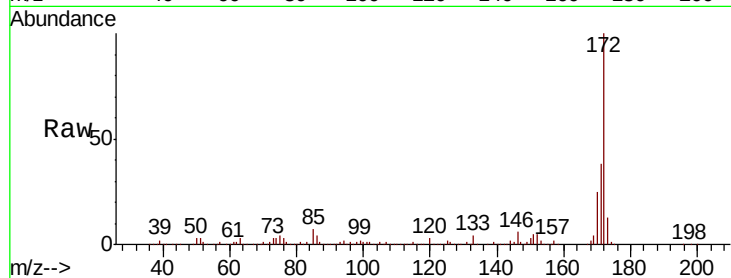




#45
2-Fluorobiphenyl
Concen: 67.091 ng
RT: 13.15 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG044498.D
Acq: 19 Feb 2020 20:44

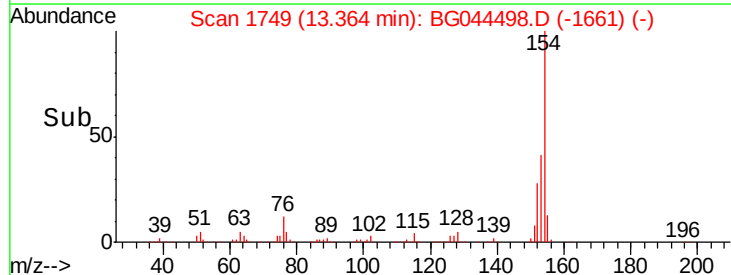
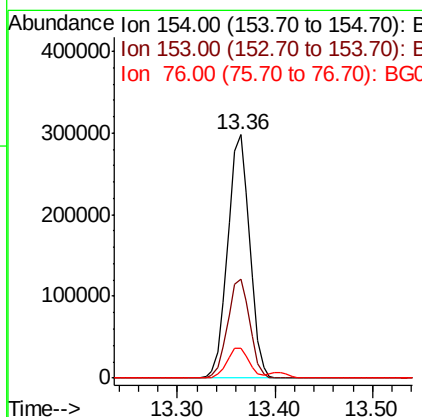
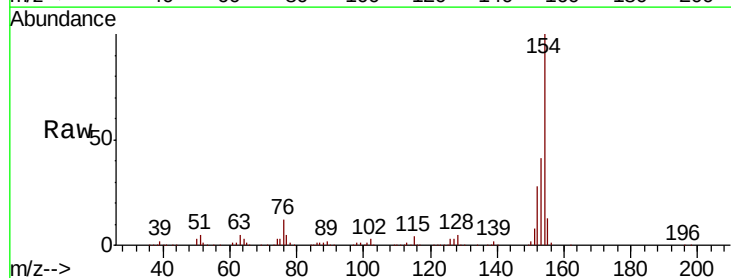
Instrument :
BNA_G
ClientSampleId :

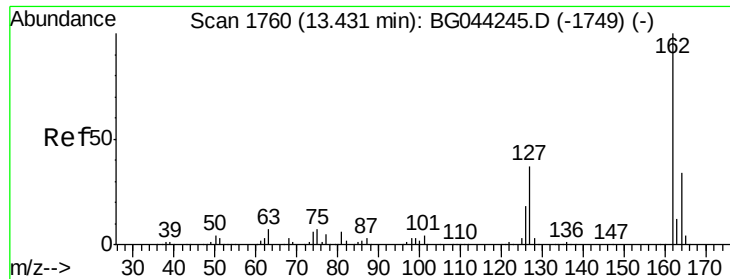
Tot Ion:172 Resp: 589579
Ion Ratio Lower Upper
172 100
171 37.9 32.9 49.3
170 25.3 22.0 33.0



#46
1,1'-Biphenyl
Concen: 43.792 ng
RT: 13.36 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG044498.D
Acq: 19 Feb 2020 20:44

Tgt Ion:154 Resp: 464828
Ion Ratio Lower Upper
154 100
153 40.8 22.7 62.7
76 12.3 0.0 32.9

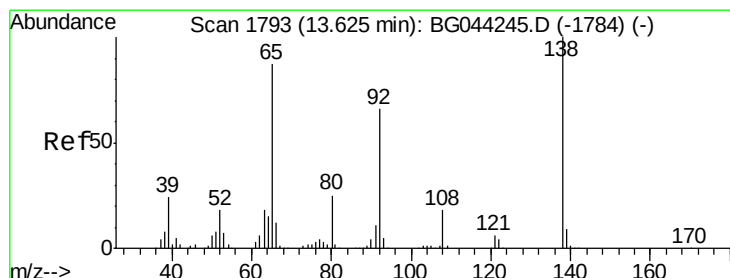
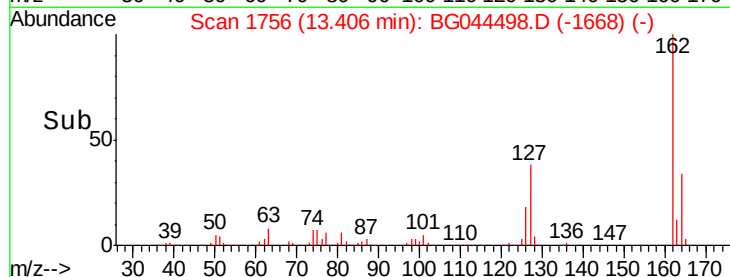
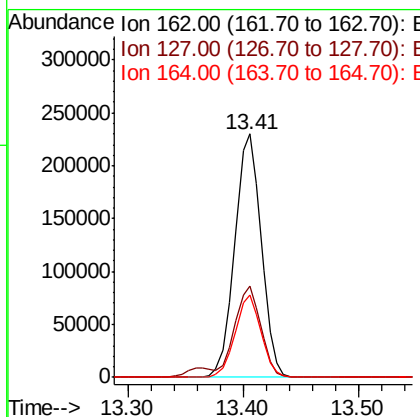
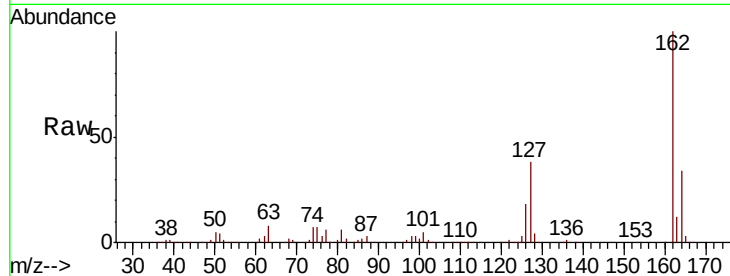




#47
 2-Chloronaphthalene
 Concen: 43.258 ng
 RT: 13.41 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG044498.D
 Acq: 19 Feb 2020 20:44

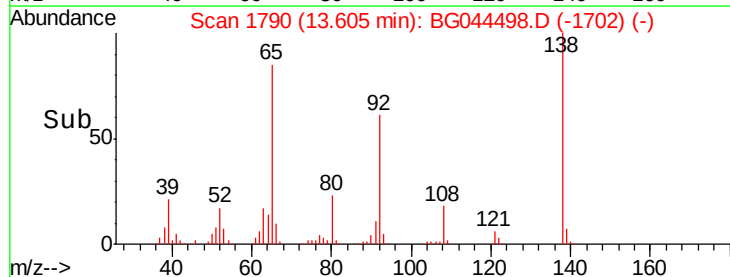
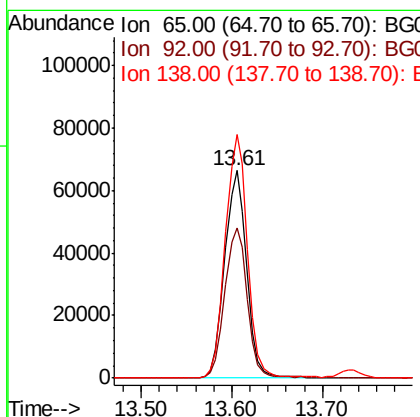
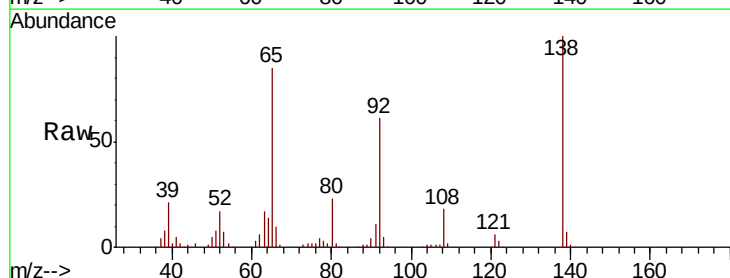
Instrument :
 BNA_G
 ClientSampleId :

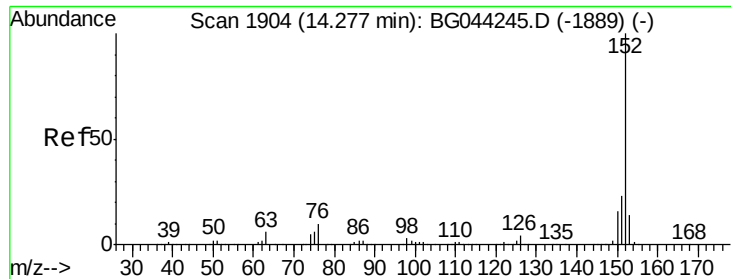
Tot Ion:162 Resp: 365376
 Ion Ratio Lower Upper
 162 100
 127 37.5 30.0 45.0
 164 34.0 27.2 40.8



#48
 2-Nitroaniline
 Concen: 44.839 ng
 RT: 13.61 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BG044498.D
 Acq: 19 Feb 2020 20:44

Tgt Ion: 65 Resp: 111770
 Ion Ratio Lower Upper
 65 100
 92 72.0 60.3 90.5
 138 117.2 91.9 137.9





#49

Acenaphthylene

Concen: 47.788 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG044498.D

Acq: 19 Feb 2020 20:44

Instrument :

BNA_G

ClientSampled :

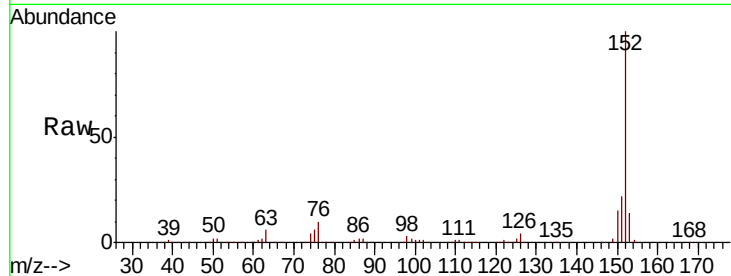
Tot Ion:152 Resp: 592023

Ion Ratio Lower Upper

152 100

151 21.9 18.1 27.1

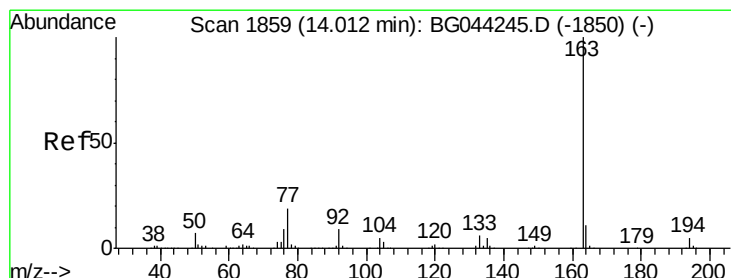
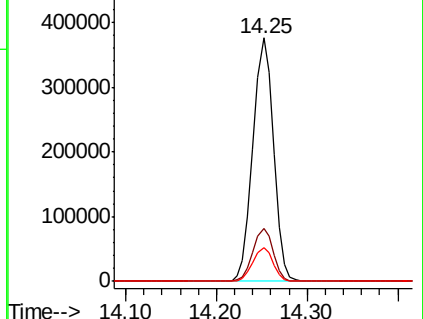
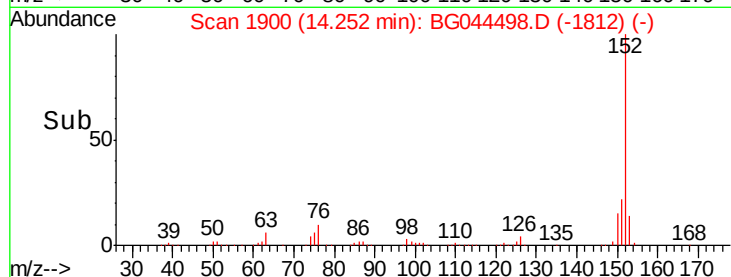
153 14.1 11.5 17.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.101 ng

RT: 13.99 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BG044498.D

Acq: 19 Feb 2020 20:44

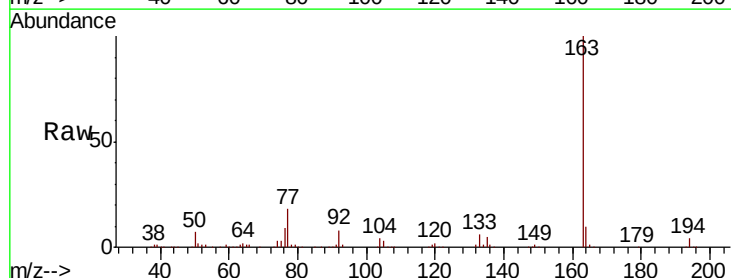
Tgt Ion:163 Resp: 508806

Ion Ratio Lower Upper

163 100

194 4.0 3.6 5.4

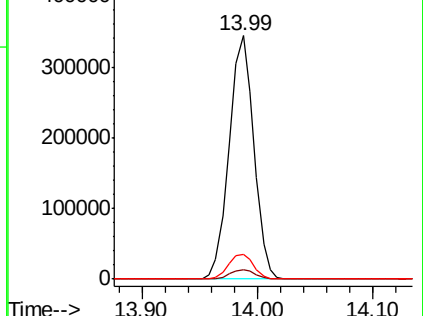
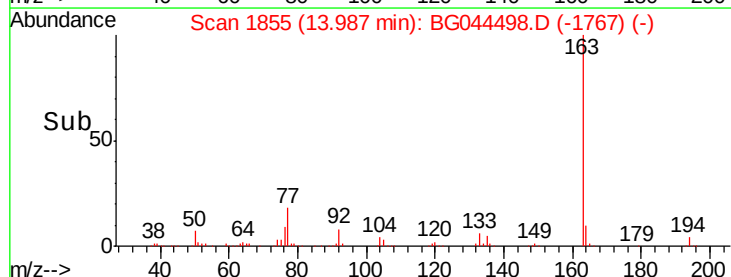
164 10.0 8.7 13.1

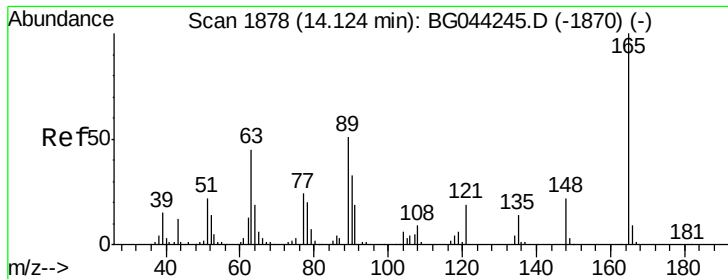


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

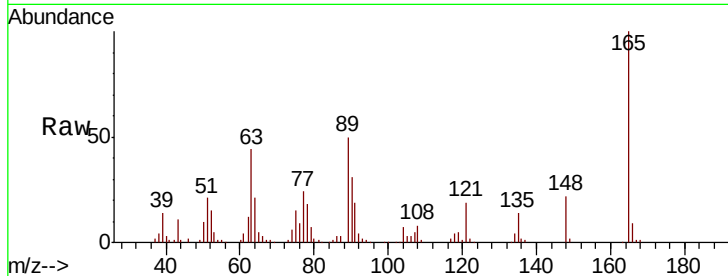




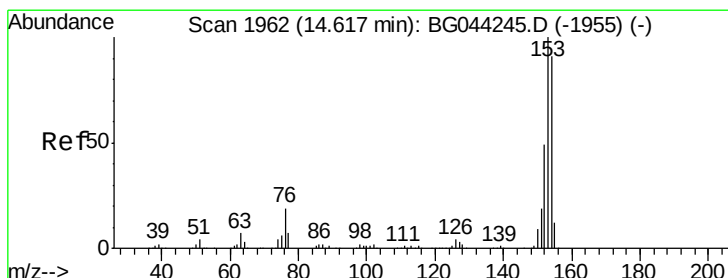
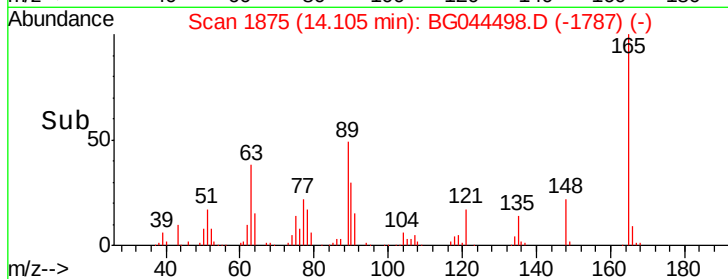
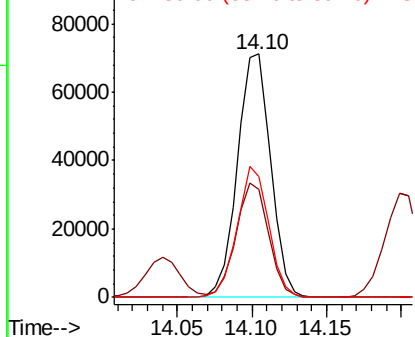
#51
2,6-Dinitrotoluene
Concen: 46.619 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG044498.D
Acq: 19 Feb 2020 20:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 109951
Ion Ratio Lower Upper
165 100
63 44.1 38.7 58.1
89 49.6 40.4 60.6

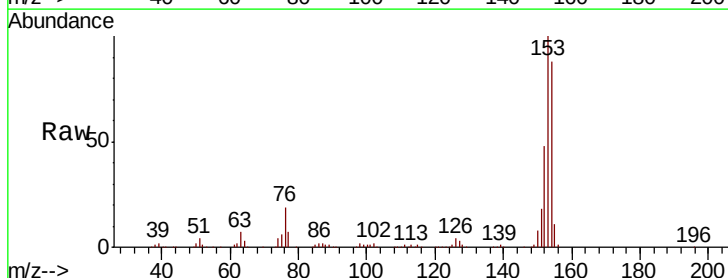


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

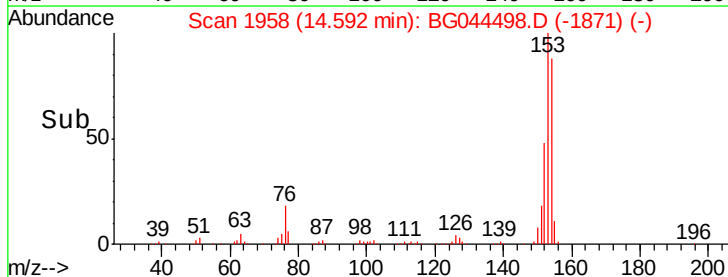
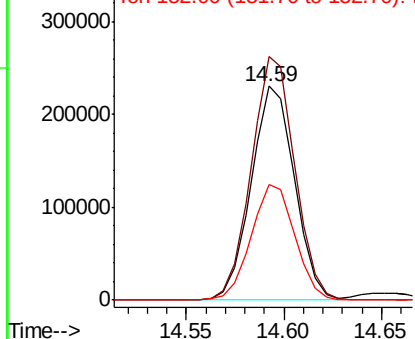


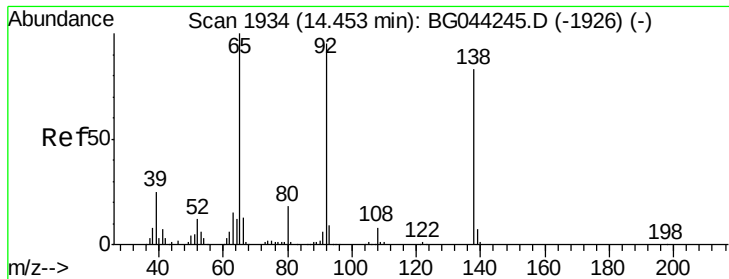
#52
Acenaphthene
Concen: 44.087 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.02 min
Lab File: BG044498.D
Acq: 19 Feb 2020 20:44

Tgt Ion:154 Resp: 354018
Ion Ratio Lower Upper
154 100
153 113.8 87.9 131.9
152 54.1 43.1 64.7



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

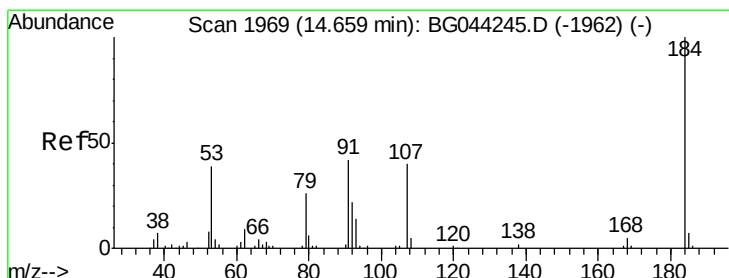
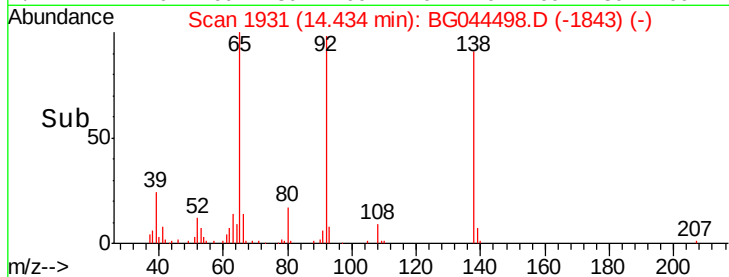
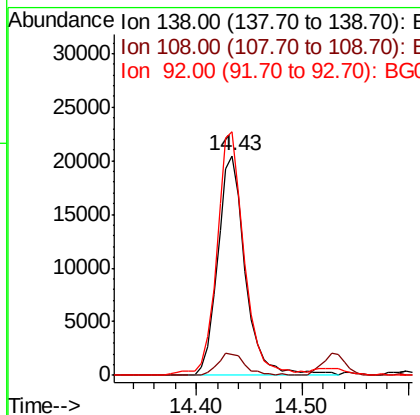
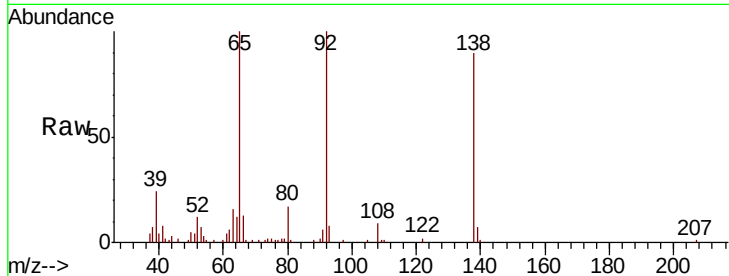




#53
 3-Nitroaniline
 Concen: 14.230 ng
 RT: 14.43 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BG044498.D
 Acq: 19 Feb 2020 20:44

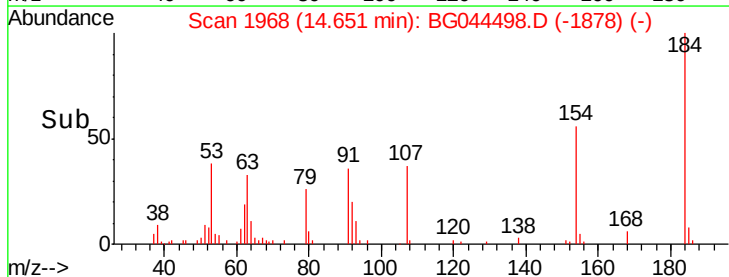
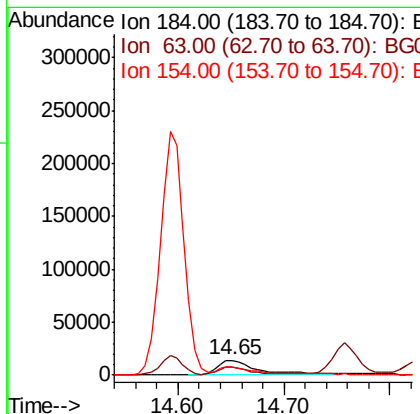
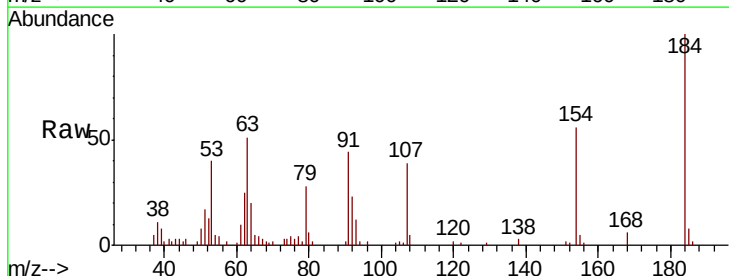
Instrument :
 BNA_G
 ClientSampleId :

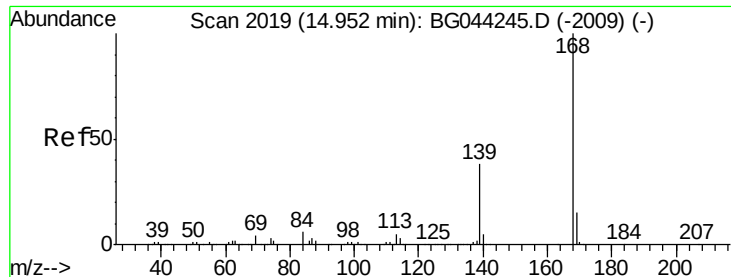
Tot Ion:138 Resp: 37130
 Ion Ratio Lower Upper
 138 100
 108 9.5 7.9 11.9
 92 110.8 91.0 136.4



#54
 2,4-Dinitrophenol
 Concen: 33.278 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: BG044498.D
 Acq: 19 Feb 2020 20:44

Tgt Ion:184 Resp: 39628
 Ion Ratio Lower Upper
 184 100
 63 50.7 44.1 66.1
 154 56.5 45.4 68.0

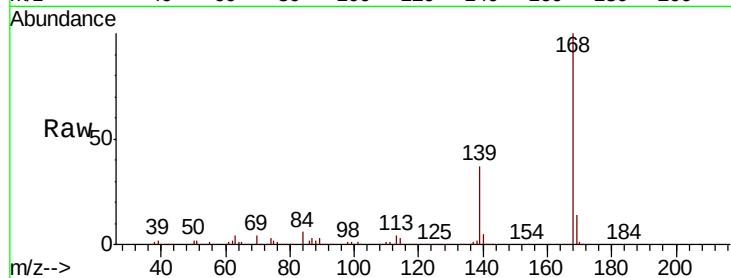




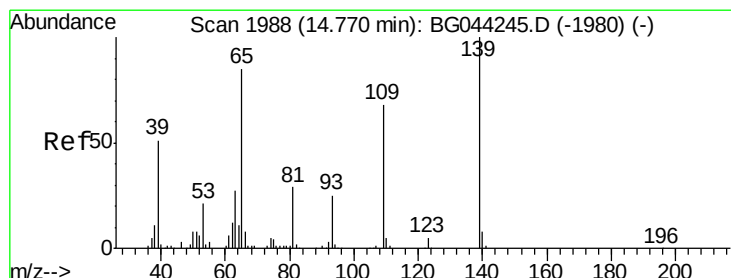
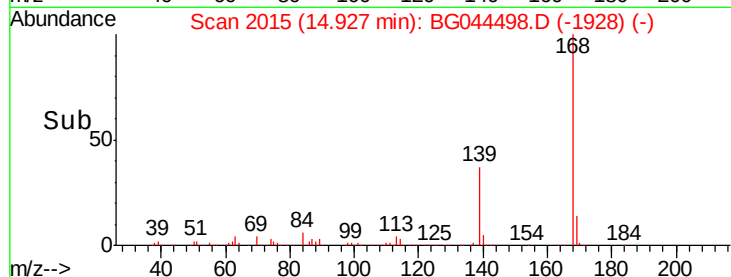
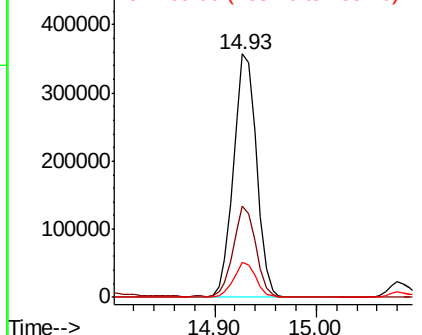
#55
Dibenzenofuran
Concen: 46.338 ng
RT: 14.93 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BG044498.D
Acq: 19 Feb 2020 20:44

Instrument :
BNA_G
ClientSampled :

Tot Ion:168 Resp: 563369
Ion Ratio Lower Upper
168 100
139 37.5 30.5 45.7
169 14.3 11.7 17.5

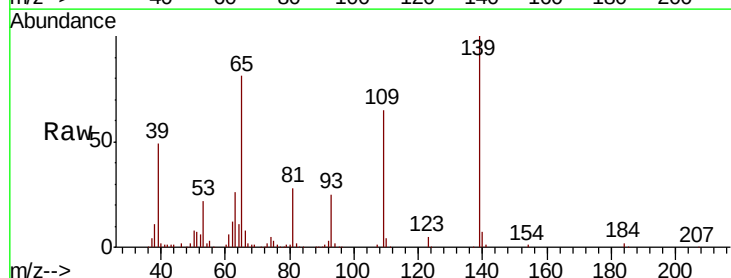


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

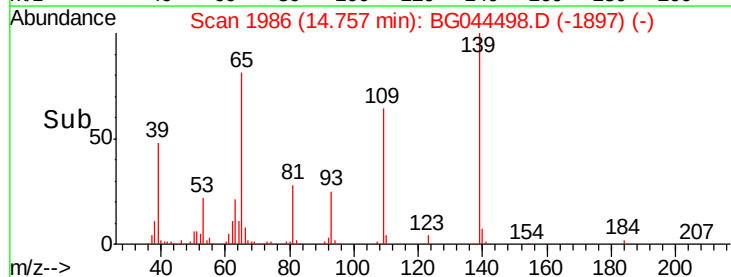
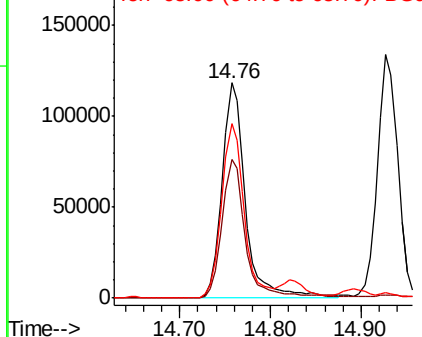


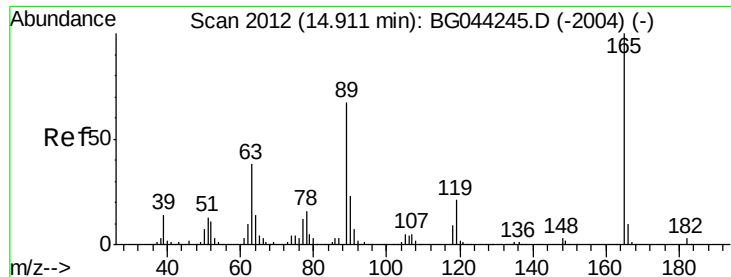
#56
4-Nitrophenol
Concen: 110.603 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG044498.D
Acq: 19 Feb 2020 20:44

Tgt Ion:139 Resp: 211403
Ion Ratio Lower Upper
139 100
109 64.6 47.5 87.5
65 81.5 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

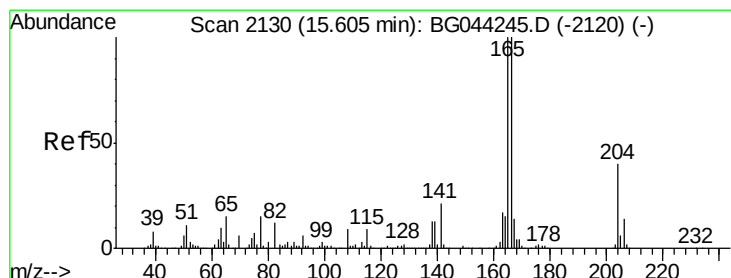
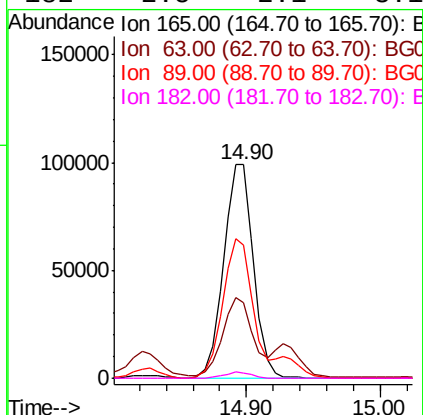
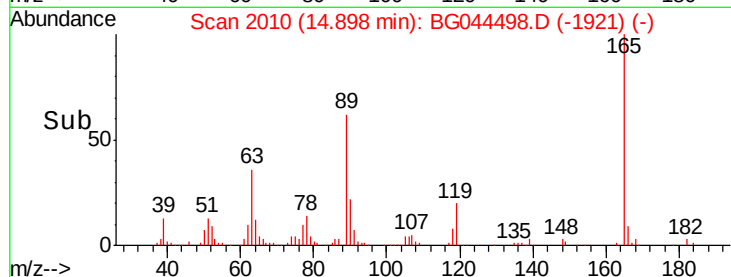
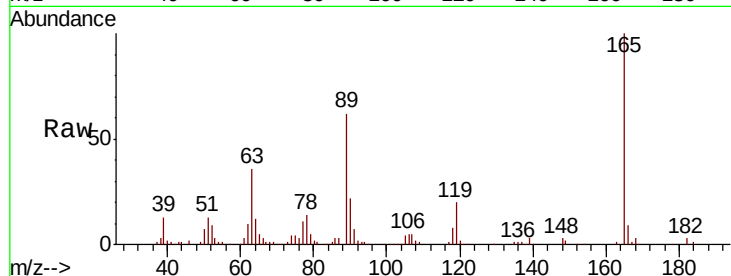




#57
2,4-Dinitrotoluene
Concen: 46.772 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG044498.D
Acq: 19 Feb 2020 20:44

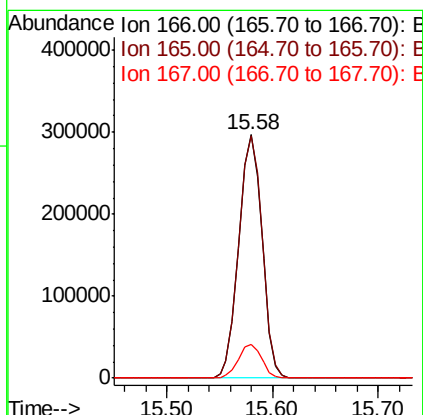
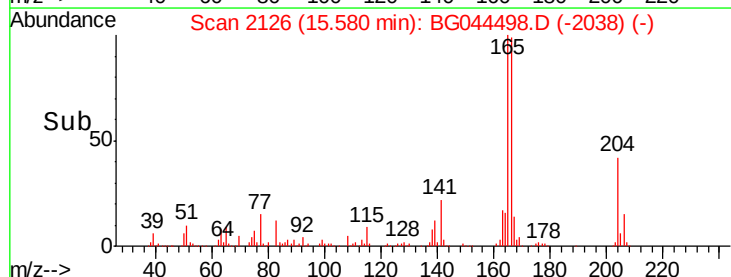
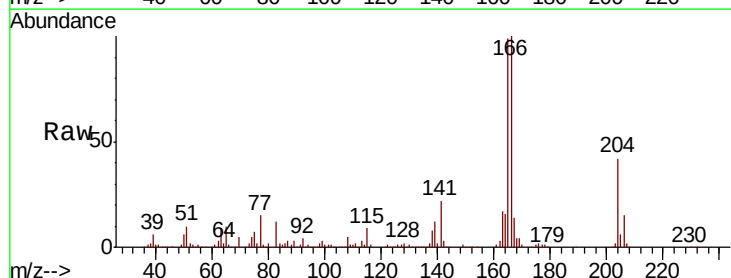
Instrument :
BNA_G
ClientSampleId :

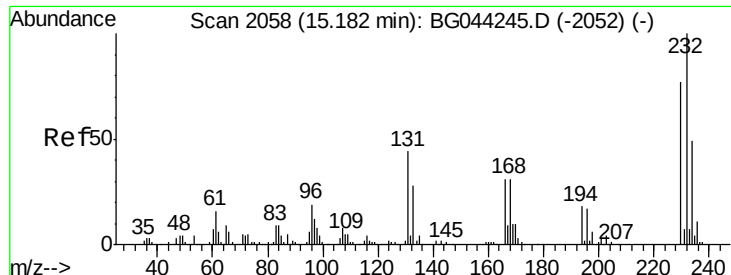
Tot Ion:	165	Resp:	154611
Ion	Ratio	Lower	Upper
165	100		
63	35.6	30.3	45.5
89	62.5	53.4	80.2
182	2.5	2.1	3.1



#58
Fluorene
Concen: 47.084 ng
RT: 15.58 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG044498.D
Acq: 19 Feb 2020 20:44

Tgt Ion:	166	Resp:	450863
Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.9	119.9
167	14.0	11.4	17.0

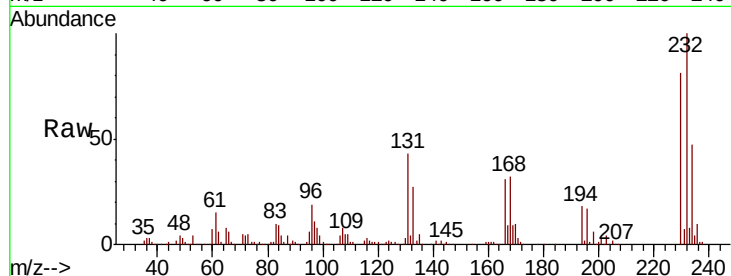




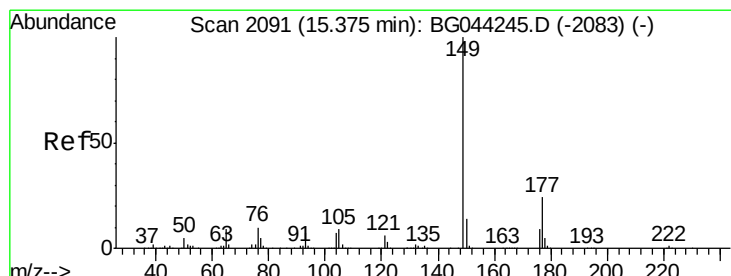
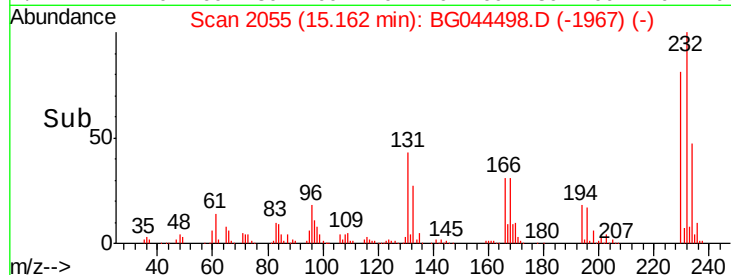
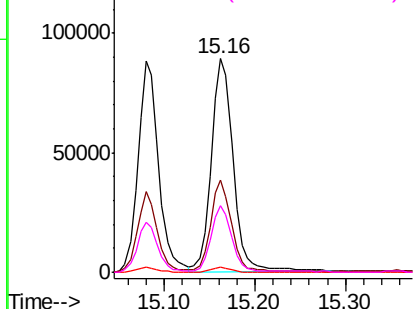
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 56.322 ng
 RT: 15.16 min Scan# 2055
 Delta R.T. -0.01 min
 Lab File: BG044498.D
 Acq: 19 Feb 2020 20:44

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	232	Resp:	147846
Ion	Ratio	Lower	Upper
232	100		
131	40.6	34.2	51.4
130	2.3	1.8	2.8
166	29.5	23.8	35.8

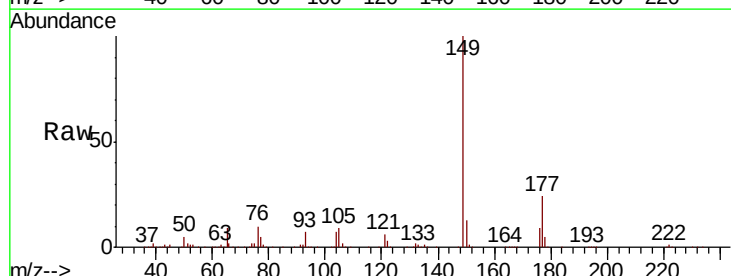


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

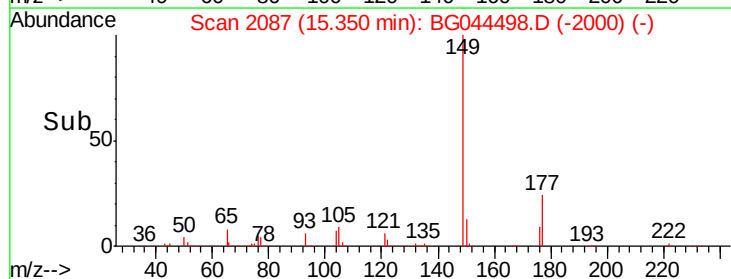
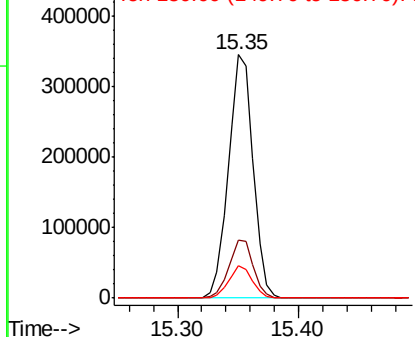


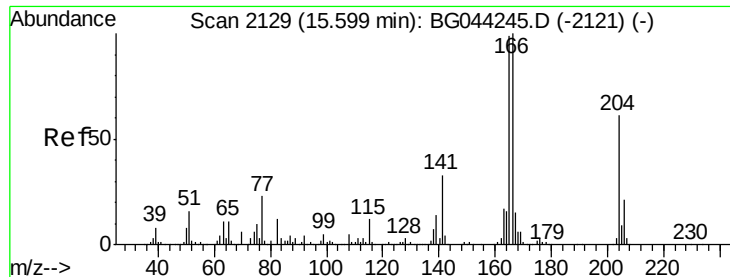
#60
 Diethylphthalate
 Concen: 46.421 ng
 RT: 15.35 min Scan# 2087
 Delta R.T. -0.02 min
 Lab File: BG044498.D
 Acq: 19 Feb 2020 20:44

Tgt Ion:	149	Resp:	489285
Ion	Ratio	Lower	Upper
149	100		
177	23.8	19.4	29.0
150	13.4	10.9	16.3



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

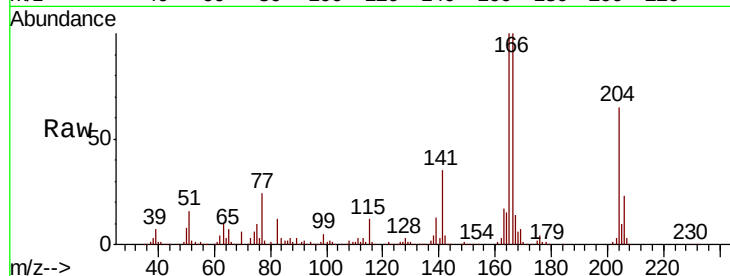




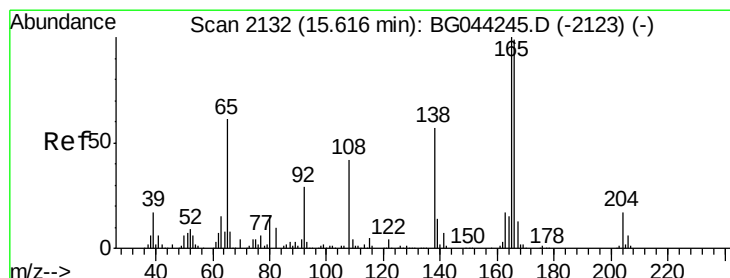
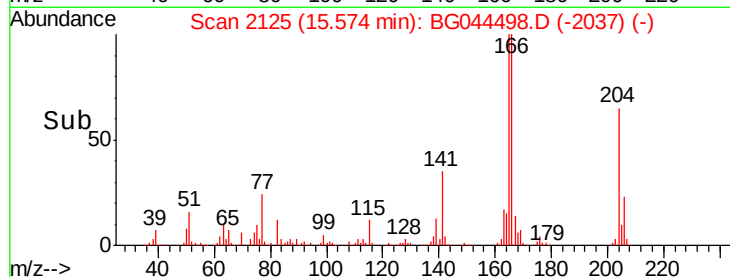
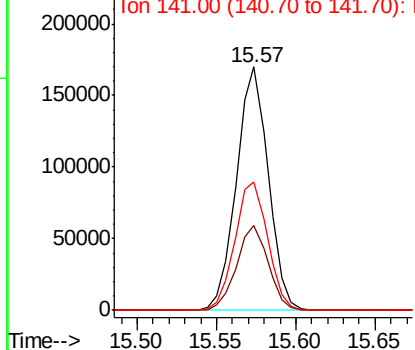
#61
4-Chlorophenyl-phenylether
Concen: 45.361 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BG044498.D
Acq: 19 Feb 2020 20:44

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.6	27.6	41.4
141	52.9	43.4	65.0

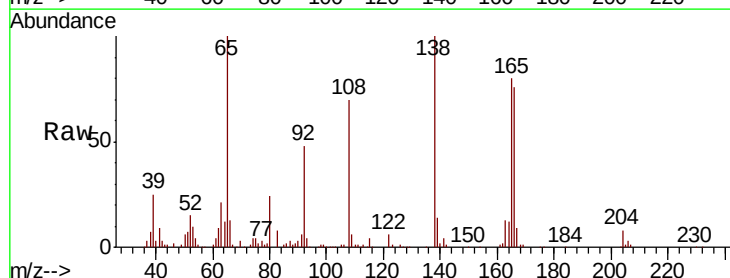


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

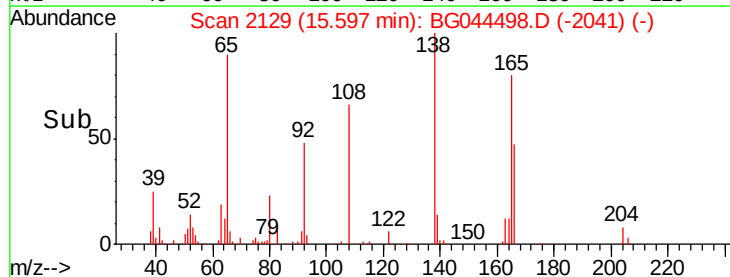
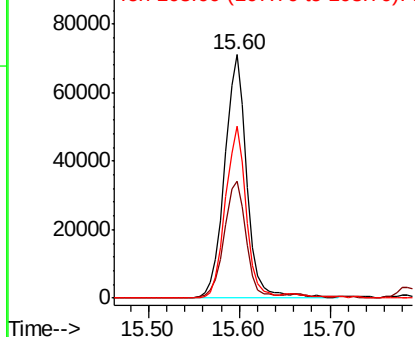


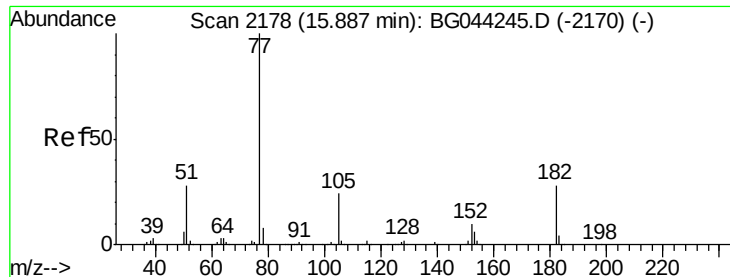
#62
4-Nitroaniline
Concen: 46.395 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG044498.D
Acq: 19 Feb 2020 20:44

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.9	31.3	71.3
108	70.5	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: 46.586 ng

RT: 15.87 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BG044498.D

Acq: 19 Feb 2020 20:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 430343

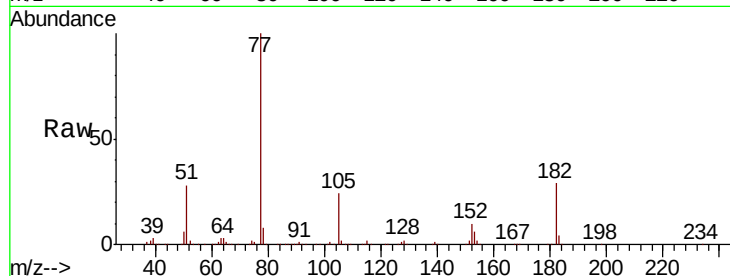
Ion Ratio Lower Upper

77 100

182 29.0 8.2 48.2

105 23.8 3.6 43.6

51 27.7 8.3 48.3

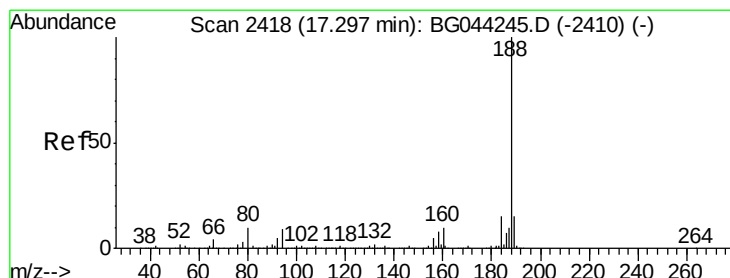
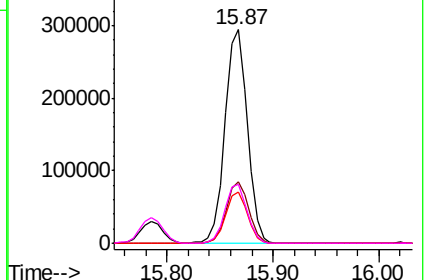
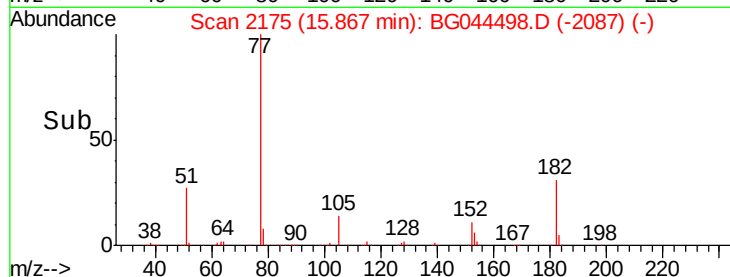


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.28 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG044498.D

Acq: 19 Feb 2020 20:44

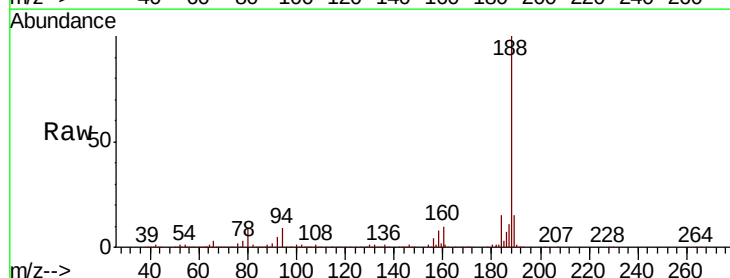
Tgt Ion: 188 Resp: 344334

Ion Ratio Lower Upper

188 100

94 8.6 7.4 11.2

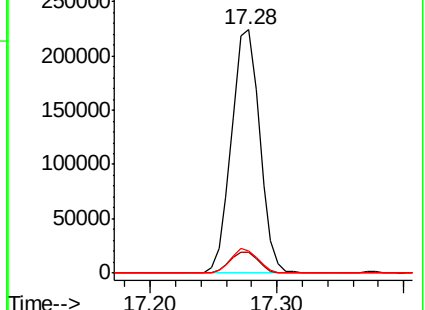
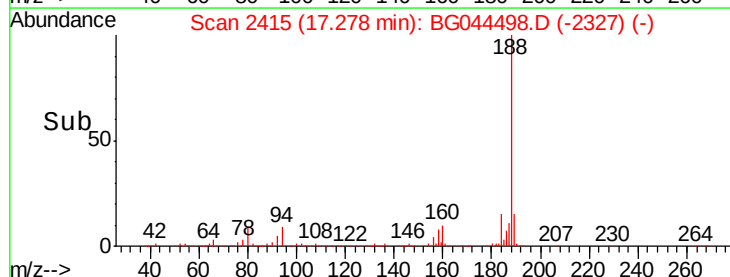
80 9.4 7.7 11.5

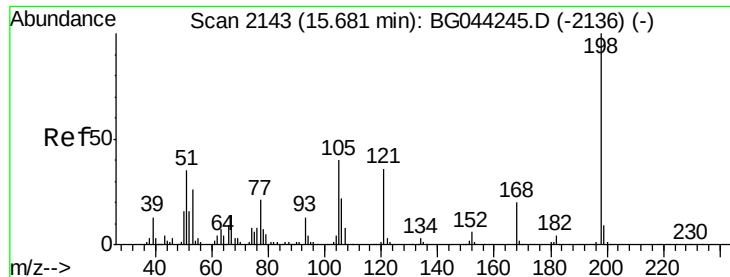


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 38.908 ng

RT: 15.67 min Scan# 2141

Delta R.T. -0.01 min

Lab File: BG044498.D

Acq: 19 Feb 2020 20:44

Instrument :

BNA_G

ClientSampleId :

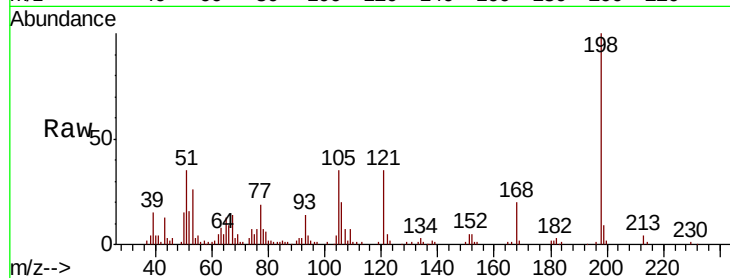
Tot Ion:198 Resp: 73953

Ion	Ratio	Lower	Upper
198	100		
51	34.6	16.6	56.6
105	35.2	20.6	60.6

198 100

51 34.6 16.6 56.6

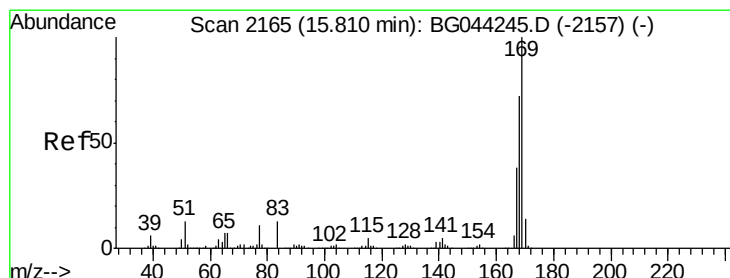
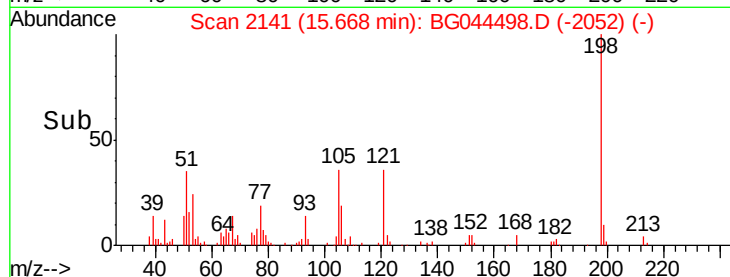
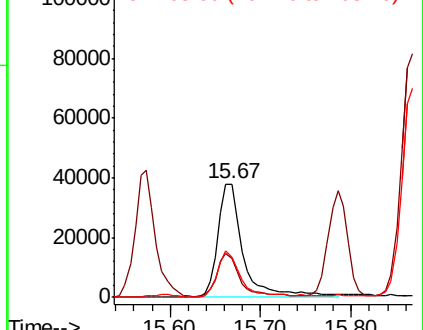
105 35.2 20.6 60.6



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: 44.591 ng

RT: 15.79 min Scan# 2161

Delta R.T. -0.02 min

Lab File: BG044498.D

Acq: 19 Feb 2020 20:44

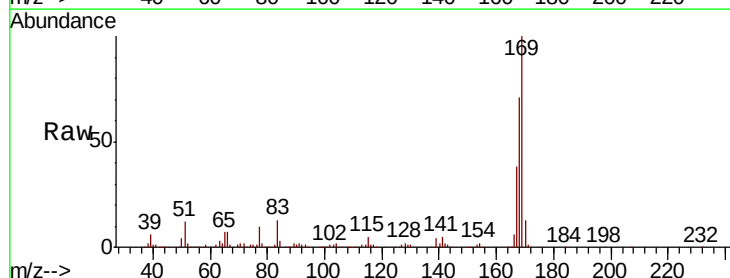
Tgt Ion:169 Resp: 430296

Ion	Ratio	Lower	Upper
169	100		
168	71.3	57.9	86.9
167	37.5	30.7	46.1

169 100

168 71.3 57.9 86.9

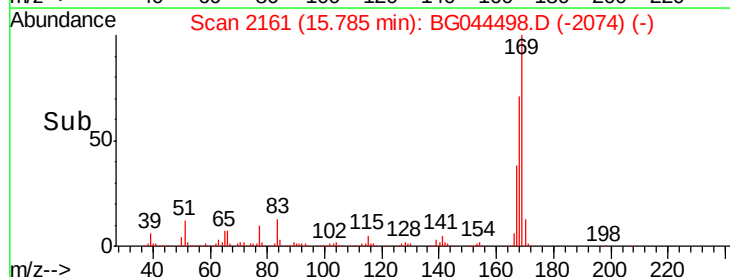
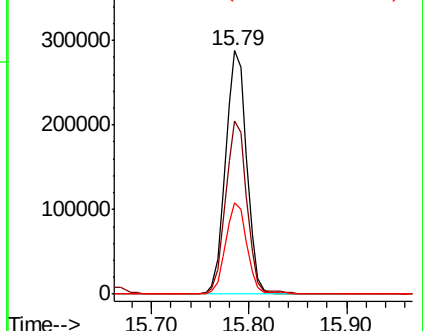
167 37.5 30.7 46.1

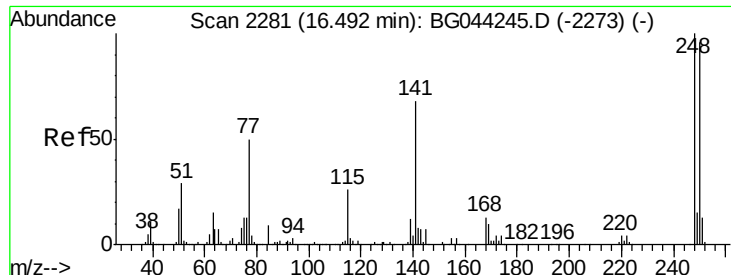


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

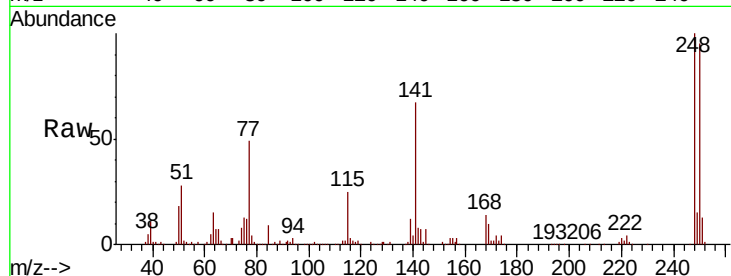




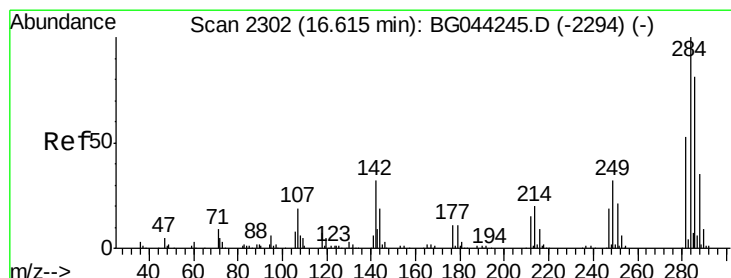
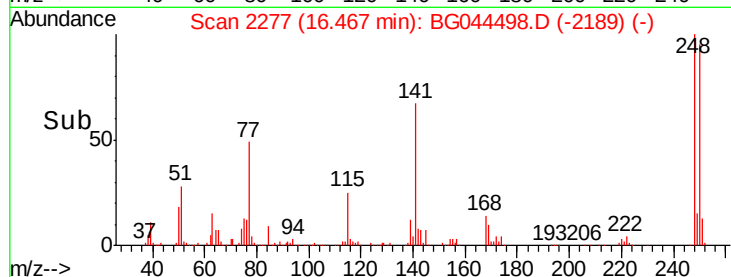
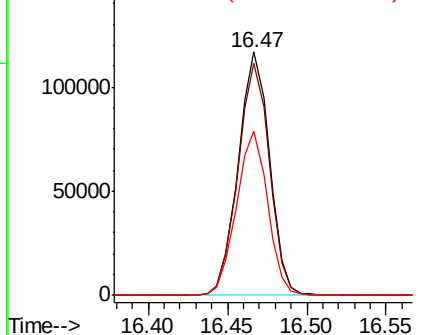
#67
 4-Bromophenyl-phenylether
 Concen: 42.585 ng
 RT: 16.47 min Scan# 2277
 Delta R.T. -0.01 min
 Lab File: BG044498.D
 Acq: 19 Feb 2020 20:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 159758
 Ion Ratio Lower Upper
 248 100
 250 95.3 76.6 114.8
 141 67.4 54.7 82.1

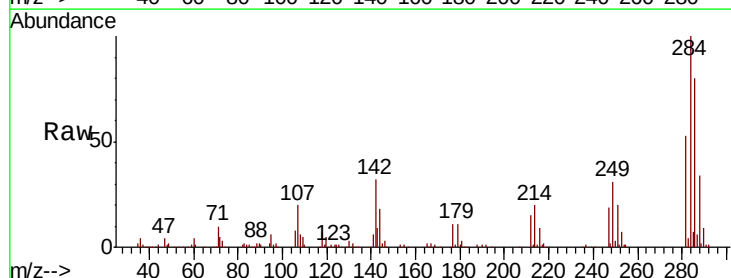


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

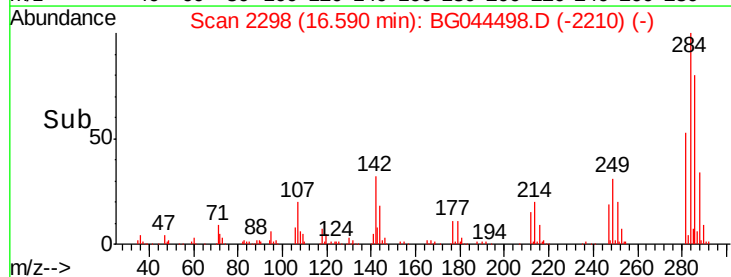
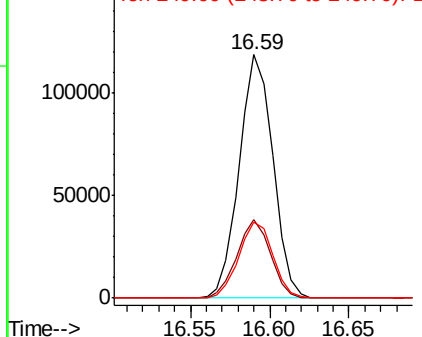


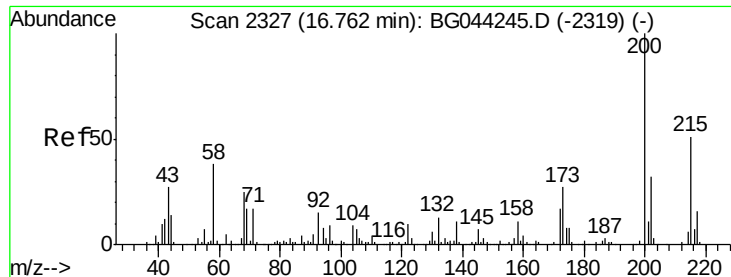
#68
 Hexachlorobenzene
 Concen: 41.633 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG044498.D
 Acq: 19 Feb 2020 20:44

Tgt Ion:284 Resp: 174981
 Ion Ratio Lower Upper
 284 100
 142 32.0 25.3 37.9
 249 31.3 25.5 38.3



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





#69

Atrazine

Concen: 53.214 ng

RT: 16.74 min Scan# 2323

Delta R.T. -0.02 min

Lab File: BG044498.D

Acq: 19 Feb 2020 20:44

Instrument :

BNA_G

ClientSampleId :

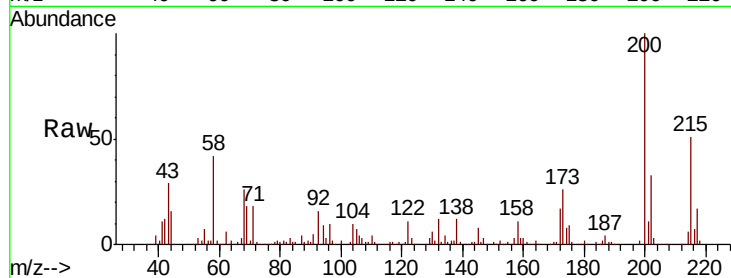
Tot Ion:200 Resp: 176005

Ion Ratio Lower Upper

200 100

173 25.8 6.6 46.6

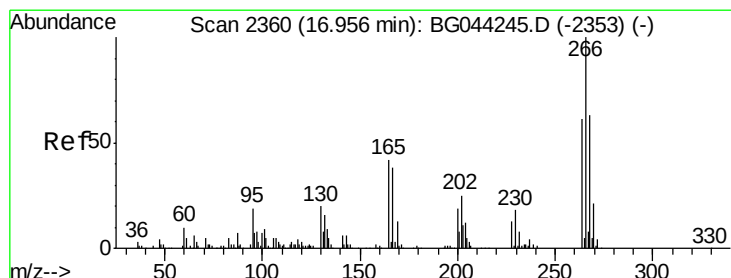
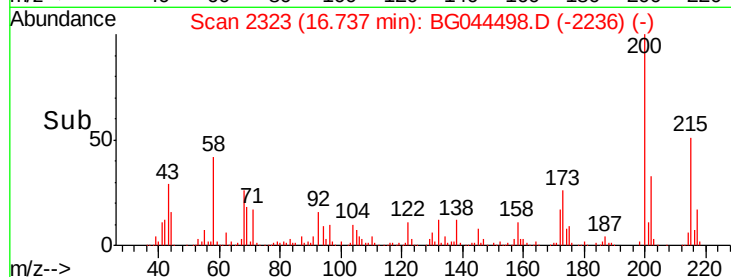
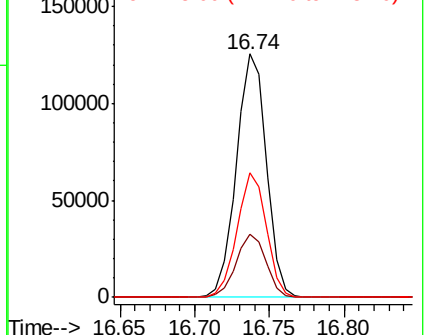
215 51.2 31.0 71.0



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: 51.684 ng

RT: 16.94 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BG044498.D

Acq: 19 Feb 2020 20:44

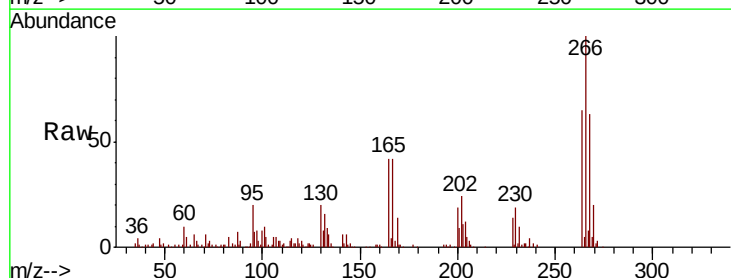
Tgt Ion:266 Resp: 107386

Ion Ratio Lower Upper

266 100

268 62.9 50.6 75.8

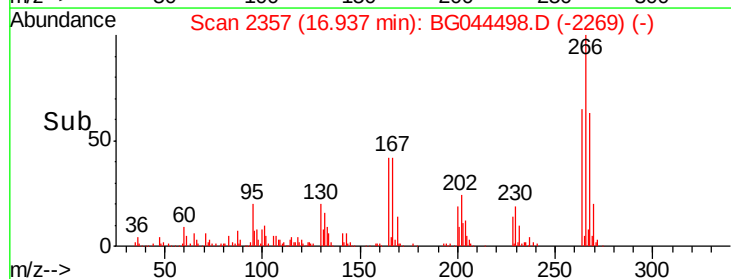
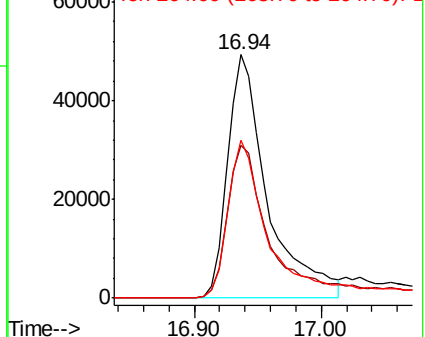
264 64.8 48.7 73.1

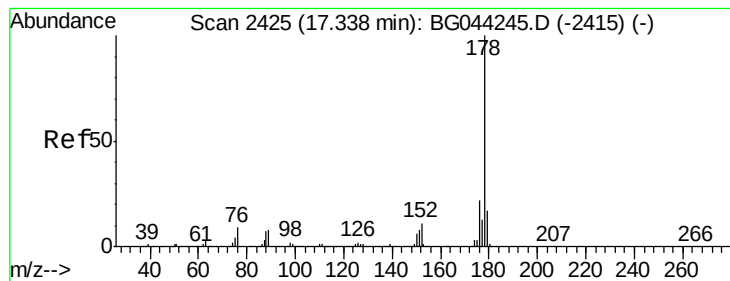


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 46.314 ng

RT: 17.32 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG044498.D

Acq: 19 Feb 2020 20:44

Instrument :

BNA_G

ClientSampleId :

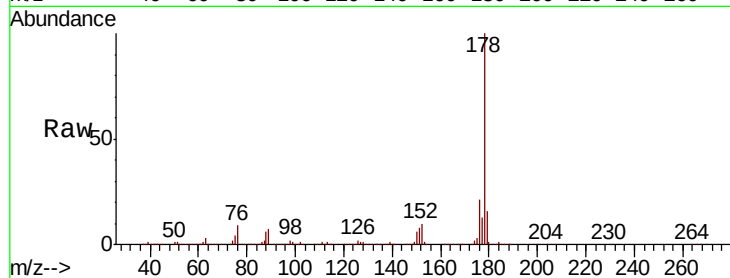
Tot Ion:178 Resp: 772225

Ion Ratio Lower Upper

178 100

176 20.8 17.7 26.5

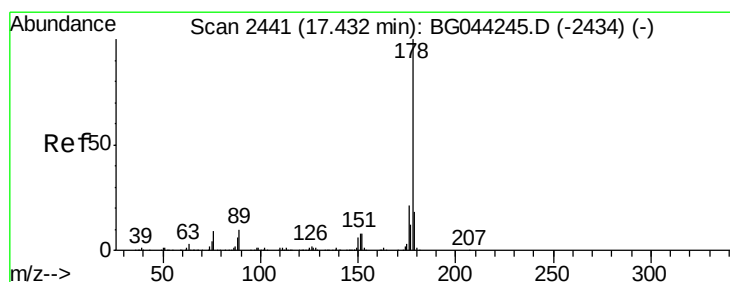
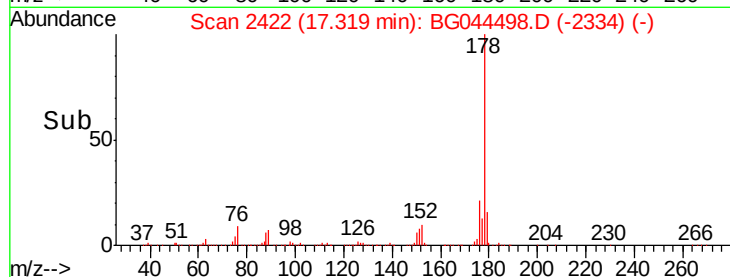
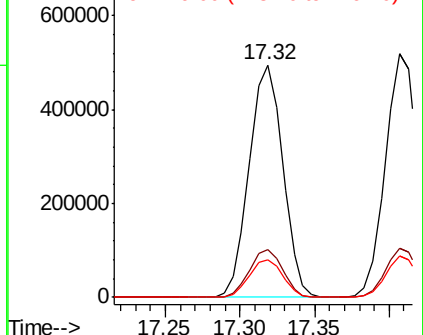
179 16.4 13.7 20.5



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: 48.009 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.02 min

Lab File: BG044498.D

Acq: 19 Feb 2020 20:44

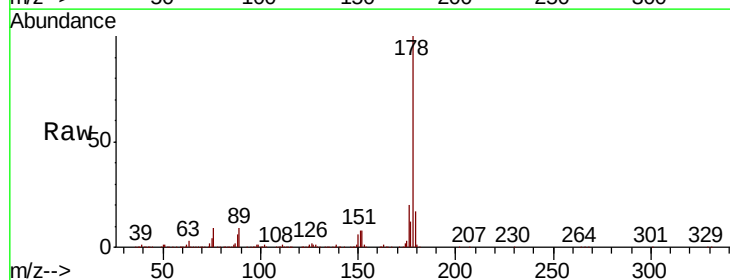
Tgt Ion:178 Resp: 791419

Ion Ratio Lower Upper

178 100

176 20.1 17.0 25.4

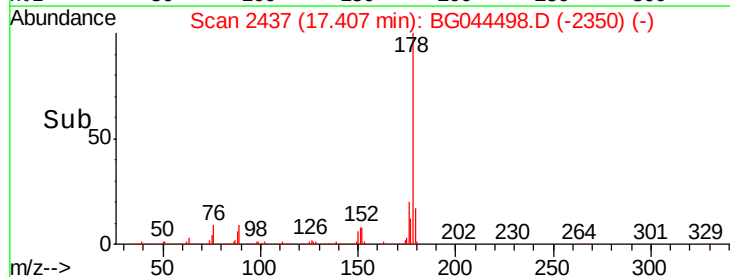
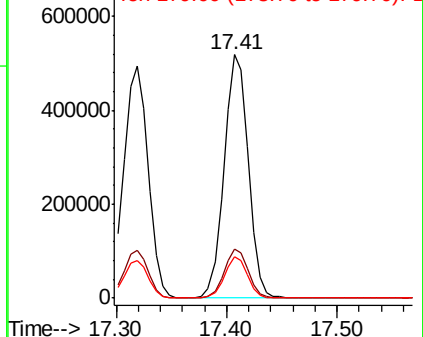
179 17.0 14.4 21.6

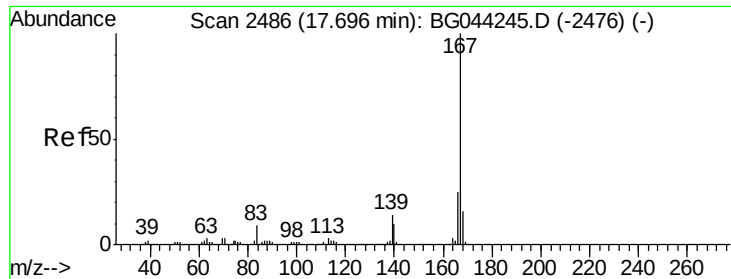


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

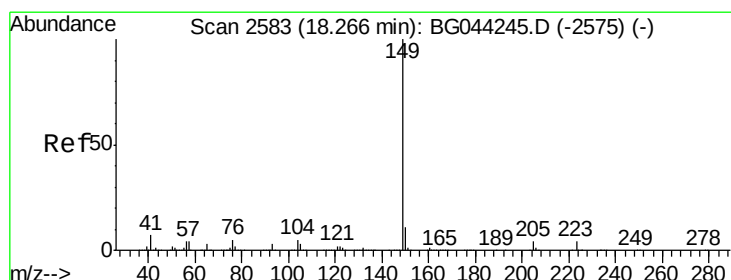
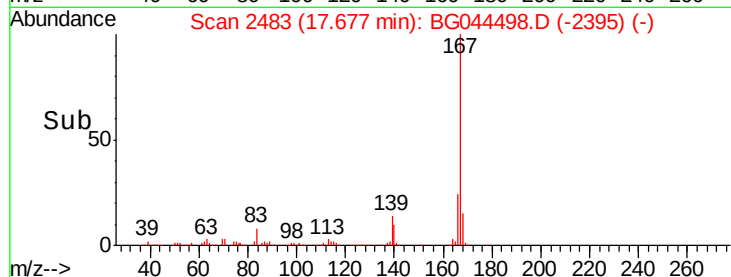
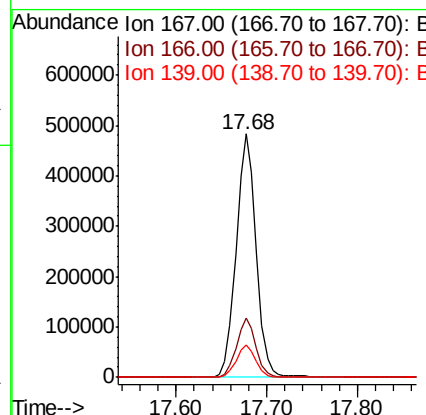
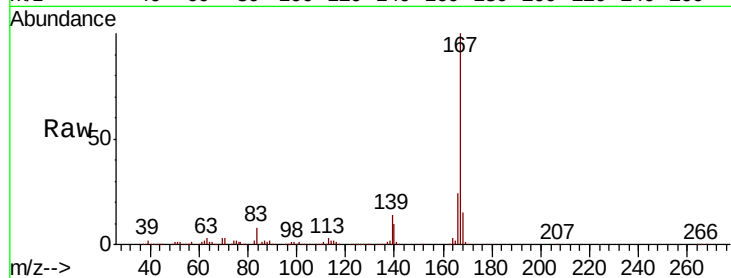




#73
 Carbazole
 Concen: 48.781 ng
 RT: 17.68 min Scan# 2483
 Delta R.T. -0.01 min
 Lab File: BG044498.D
 Acq: 19 Feb 2020 20:44

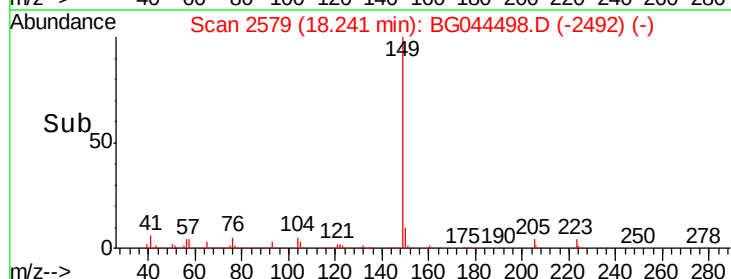
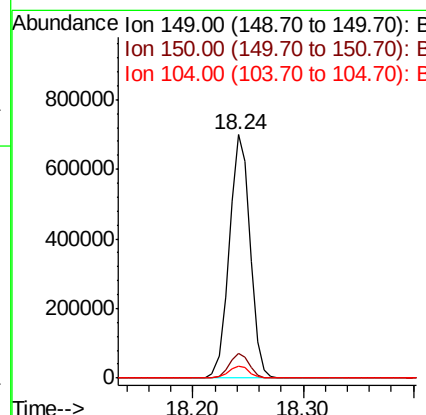
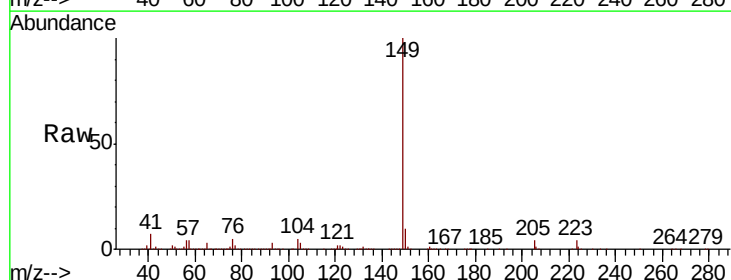
Instrument :
 BNA_G
 ClientSampleId :

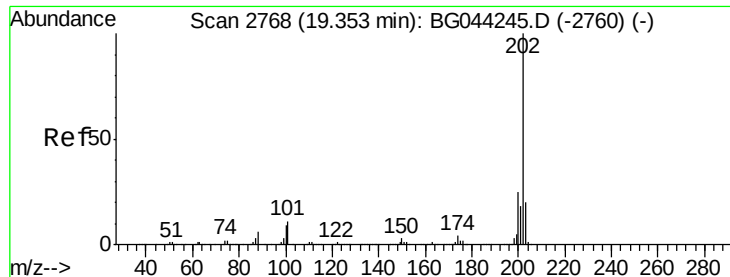
Tot Ion	Ratio	Lower	Upper
167	100		
166	24.3	19.8	29.6
139	13.5	11.1	16.7



#74
 Di-n-butylphthalate
 Concen: 49.097 ng
 RT: 18.24 min Scan# 2579
 Delta R.T. -0.02 min
 Lab File: BG044498.D
 Acq: 19 Feb 2020 20:44

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.7	13.1
104	5.0	4.3	6.5





#75

Fluoranthene

Concen: 49.125 ng

RT: 19.33 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG044498.D

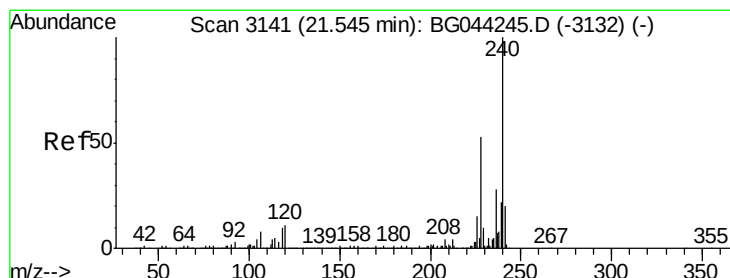
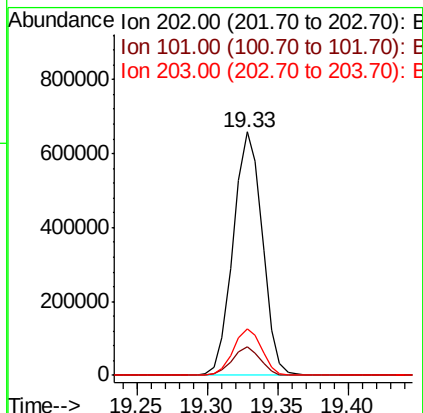
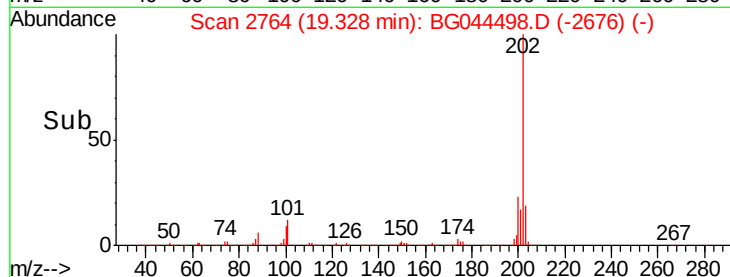
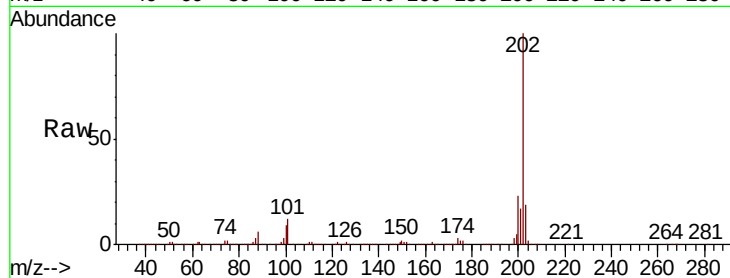
Acq: 19 Feb 2020 20:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	947551
Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.3
203	19.3	0.0	39.9



#76

Chrysene-d12

Concen: 20.000 ng

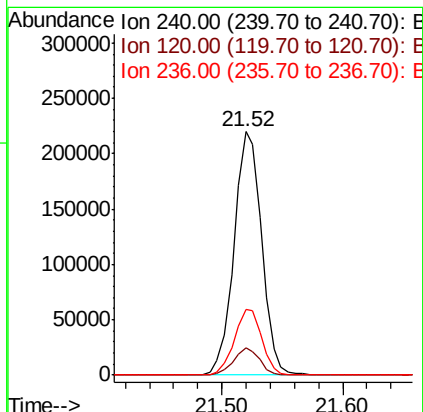
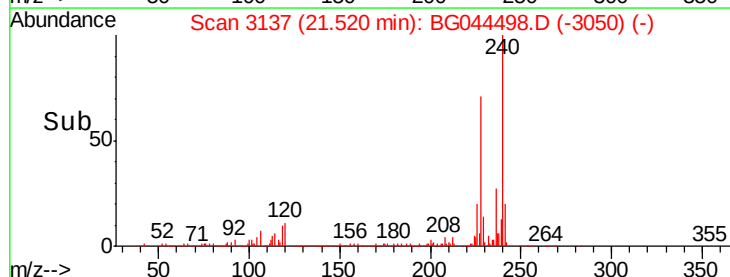
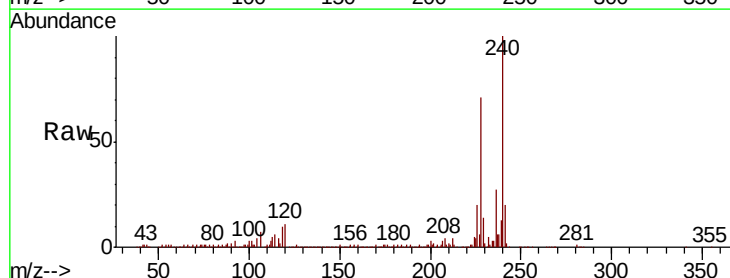
RT: 21.52 min Scan# 3137

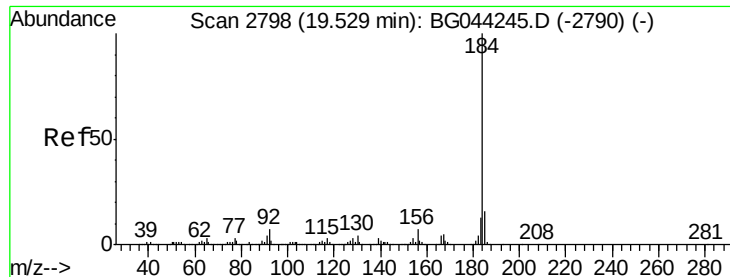
Delta R.T. -0.02 min

Lab File: BG044498.D

Acq: 19 Feb 2020 20:44

Tgt Ion:	240	Resp:	350692
Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.4	12.6
236	27.2	22.1	33.1





#77

Benzidine

Concen: 25.460 ng

RT: 19.51 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG044498.D

Acq: 19 Feb 2020 20:44

Instrument :

BNA_G

ClientSampleId :

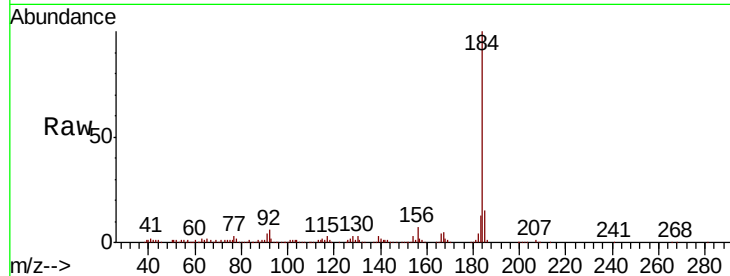
Tot Ion:184 Resp: 247661

Ion Ratio Lower Upper

184 100

185 14.5 12.9 19.3

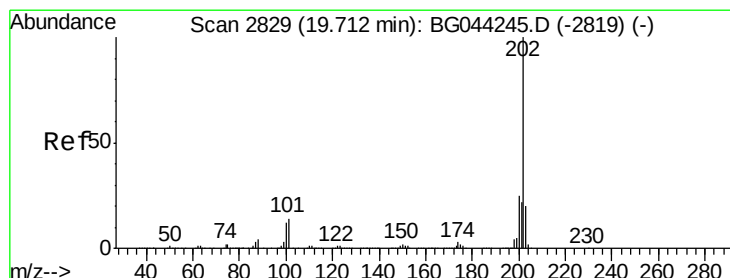
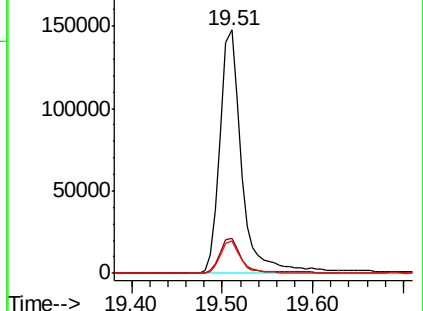
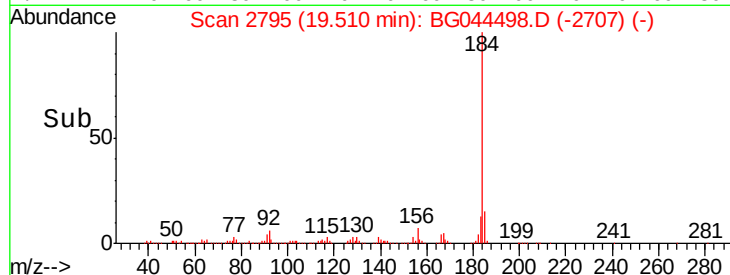
183 13.1 10.8 16.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.555 ng

RT: 19.69 min Scan# 2826

Delta R.T. -0.01 min

Lab File: BG044498.D

Acq: 19 Feb 2020 20:44

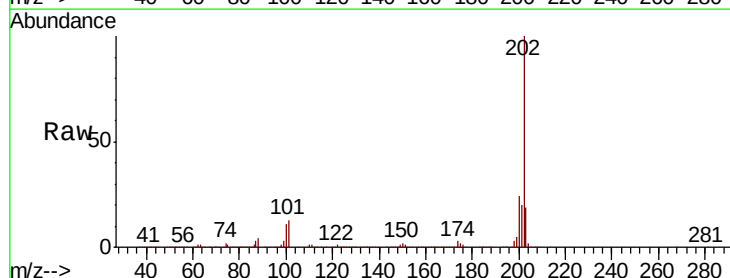
Tgt Ion:202 Resp: 958408

Ion Ratio Lower Upper

202 100

200 23.6 20.0 30.0

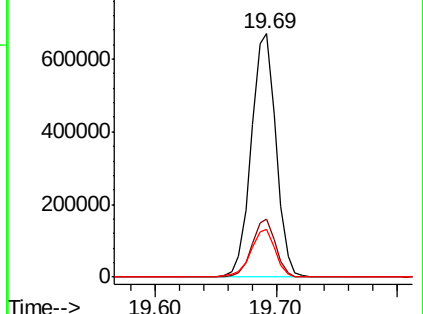
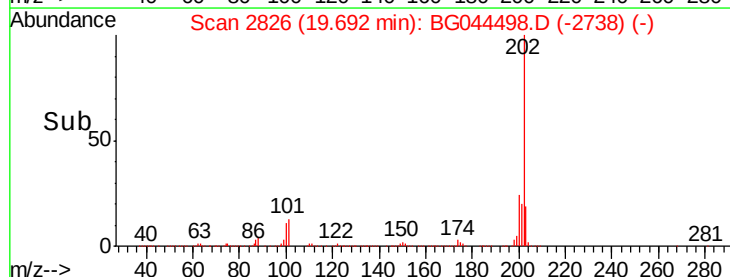
203 19.4 16.2 24.2

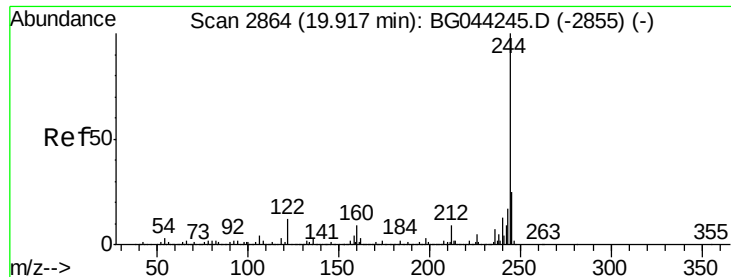


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 59.147 ng

RT: 19.89 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG044498.D

Acq: 19 Feb 2020 20:44

Instrument :

BNA_G

ClientSampleId :

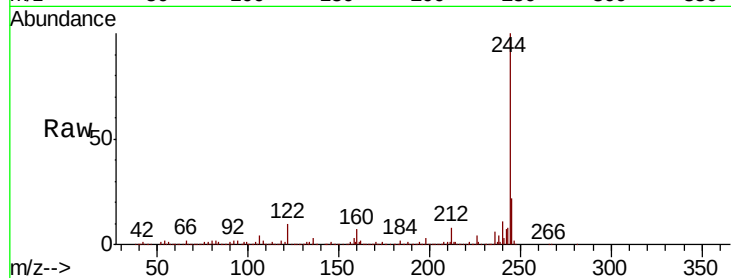
Tot Ion:244 Resp: 1008451

Ion Ratio Lower Upper

244 100

212 7.8 7.4 11.2

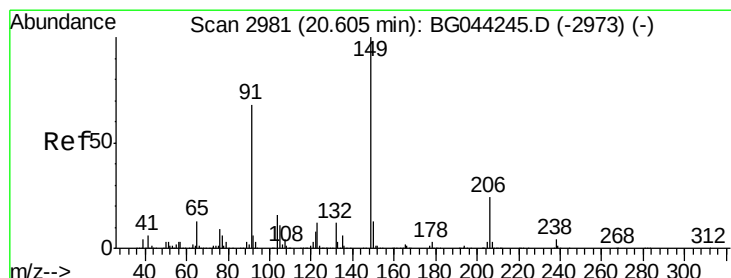
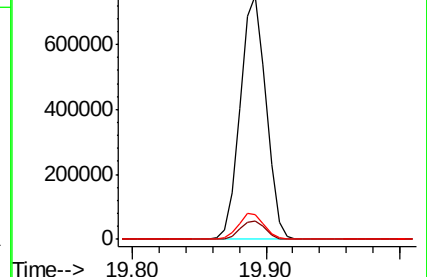
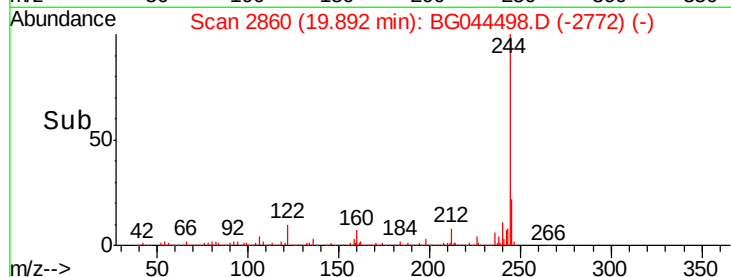
122 10.4 9.8 14.6



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: 42.538 ng

RT: 20.58 min Scan# 2977

Delta R.T. -0.02 min

Lab File: BG044498.D

Acq: 19 Feb 2020 20:44

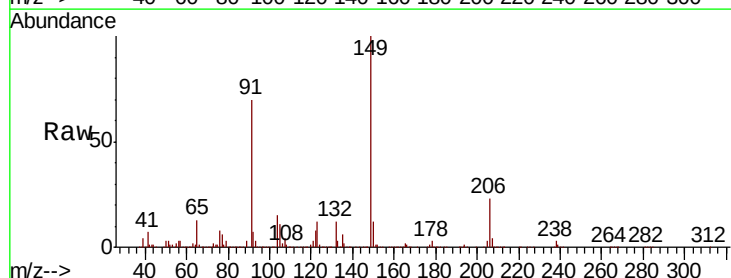
Tgt Ion:149 Resp: 436576

Ion Ratio Lower Upper

149 100

91 70.3 54.5 81.7

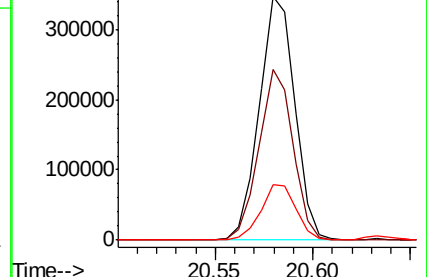
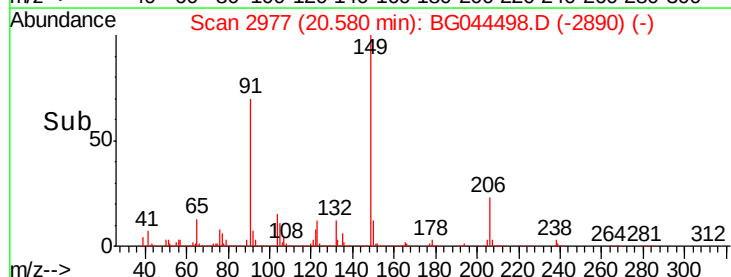
206 22.6 19.1 28.7

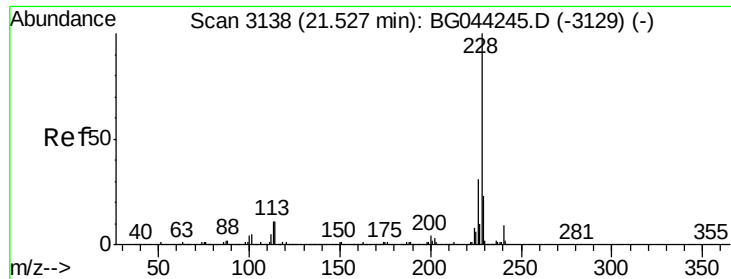


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

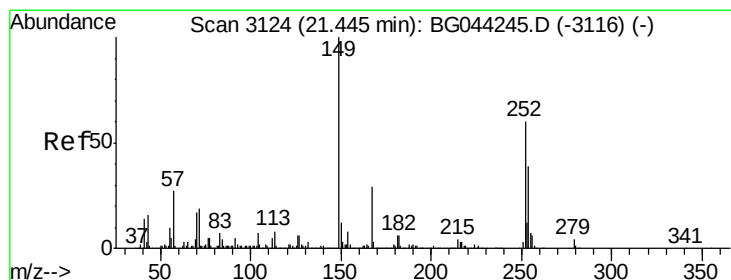
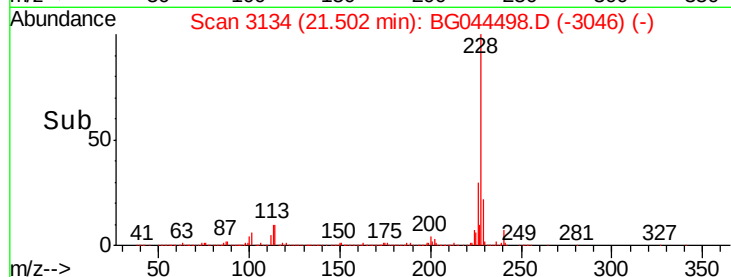
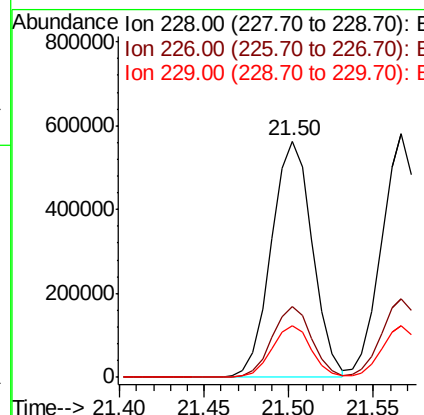
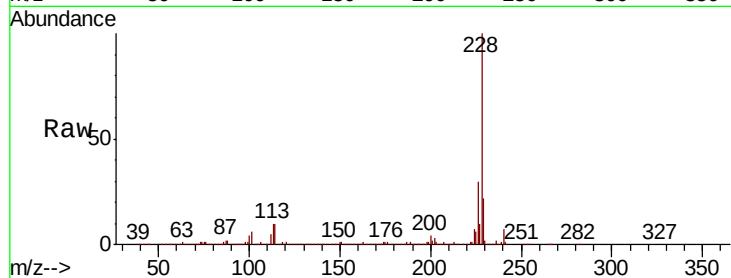




#81
Benzo(a)anthracene
Concen: 43.835 ng
RT: 21.50 min Scan# 3134
Delta R.T. -0.01 min
Lab File: BG044498.D
Acq: 19 Feb 2020 20:44

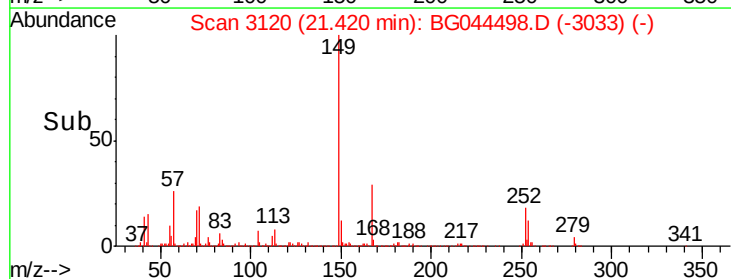
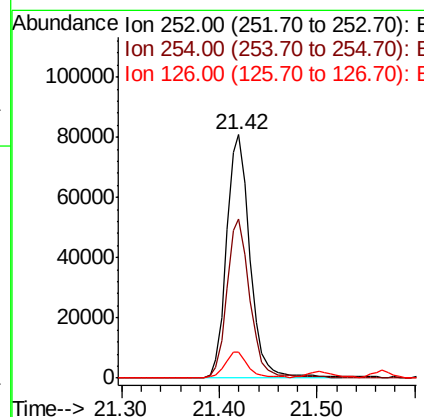
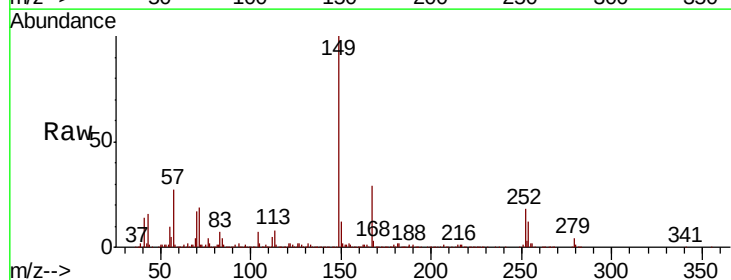
Instrument :
BNA_G
ClientSampleId :

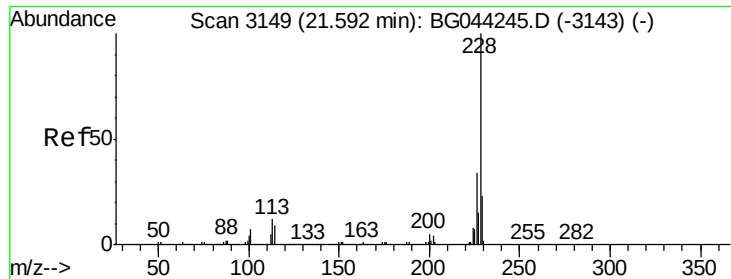
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.7	37.1
229	21.7	18.2	27.4



#82
3,3'-Dichlorobenzidine
Concen: 16.052 ng
RT: 21.42 min Scan# 3120
Delta R.T. -0.02 min
Lab File: BG044498.D
Acq: 19 Feb 2020 20:44

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.4	52.6	78.8
126	10.4	8.2	12.4

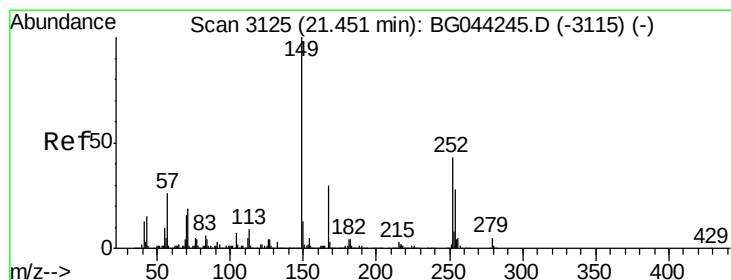
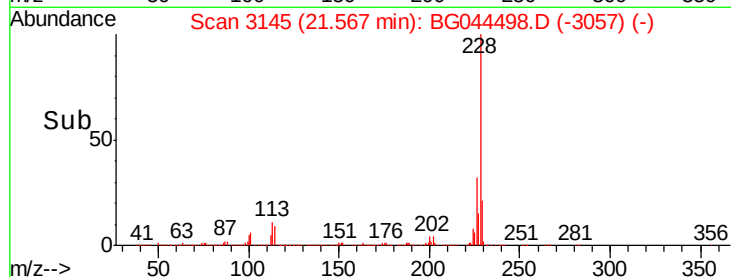
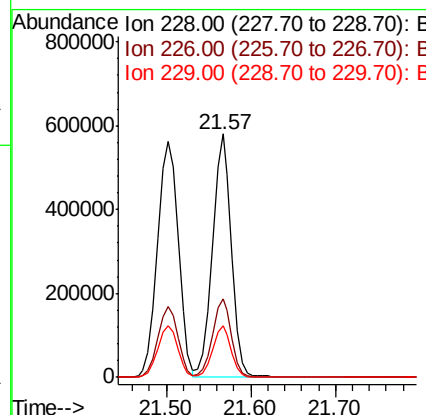
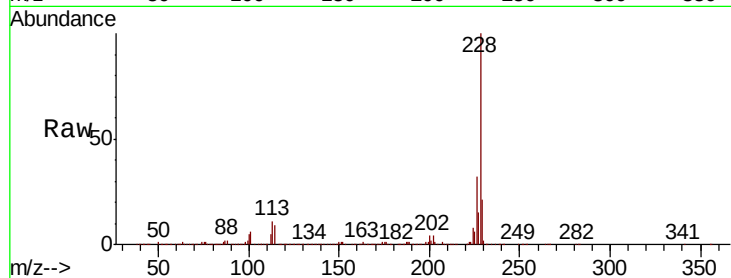




#83
Chrysene
Concen: 43.534 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG044498.D
Acq: 19 Feb 2020 20:44

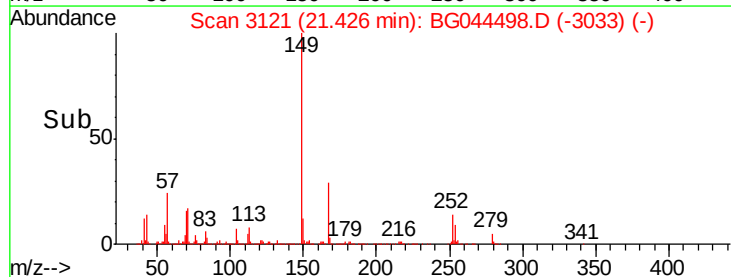
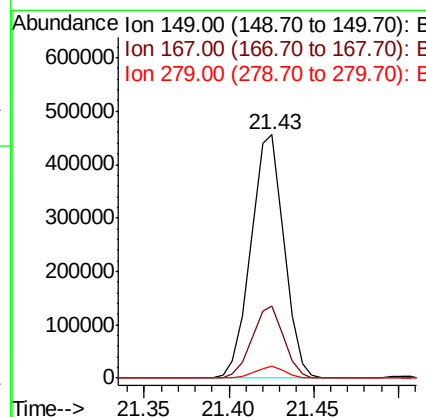
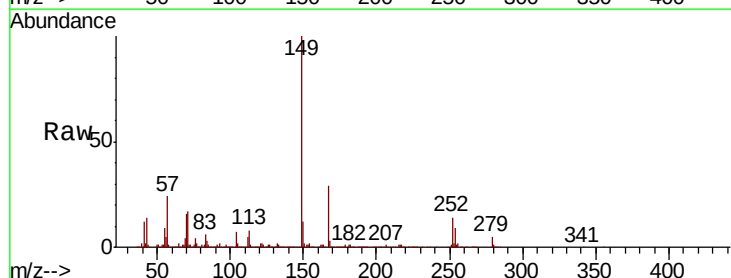
Instrument :
BNA_G
ClientSampleId :

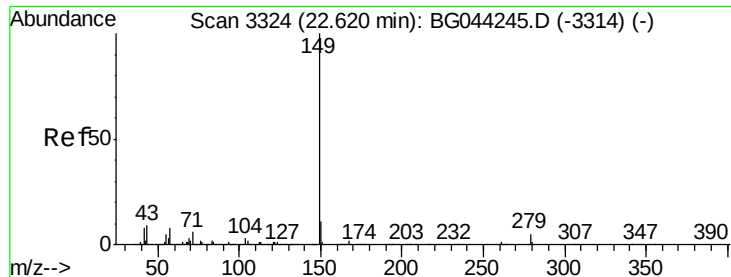
Tot Ion	Ratio	Lower	Upper
228	100		
226	32.5	27.1	40.7
229	21.5	17.9	26.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.946 ng
RT: 21.43 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BG044498.D
Acq: 19 Feb 2020 20:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.4	24.0	36.0
279	4.8	3.8	5.8

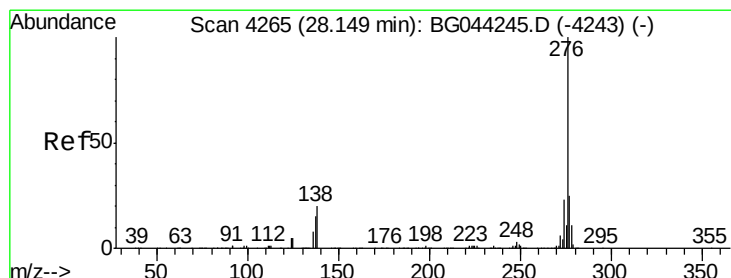
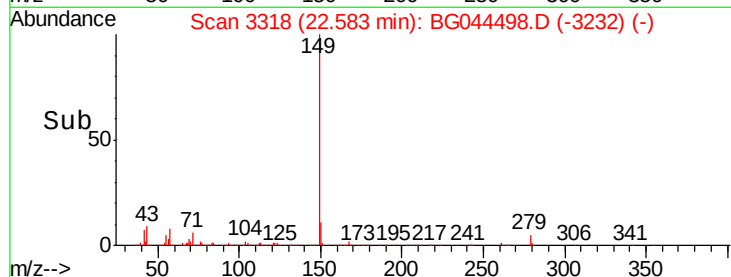
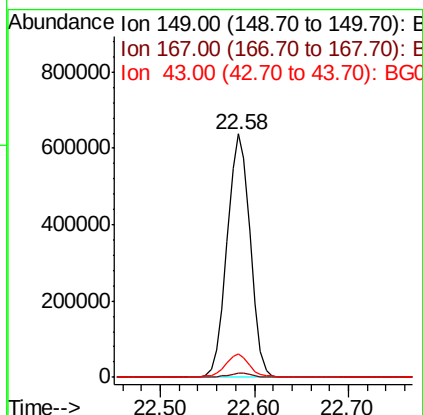
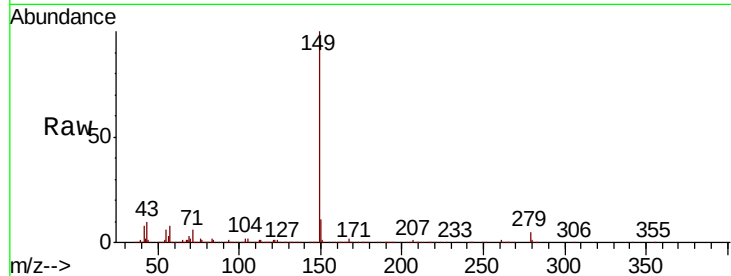




#85
Di-n-octyl phthalate
Concen: 44.159 ng
RT: 22.58 min Scan# 3318
Delta R.T. -0.02 min
Lab File: BG044498.D
Acq: 19 Feb 2020 20:44

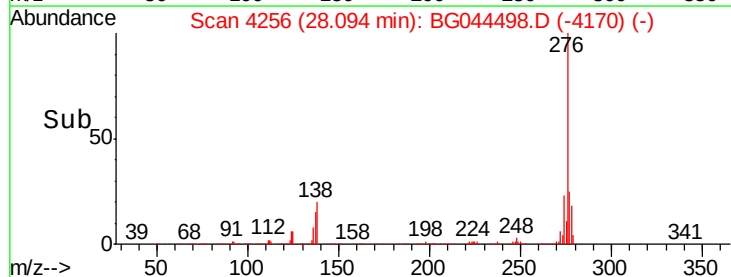
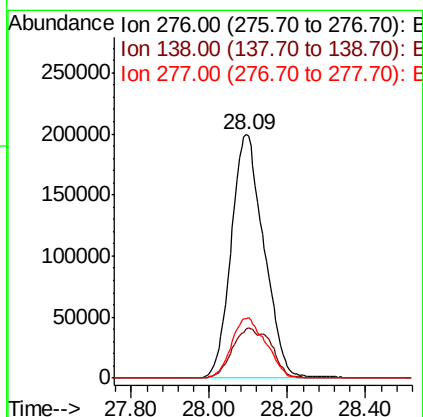
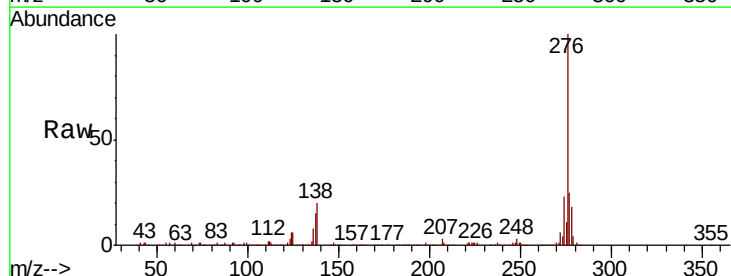
Instrument :
BNA_G
ClientSampleId :

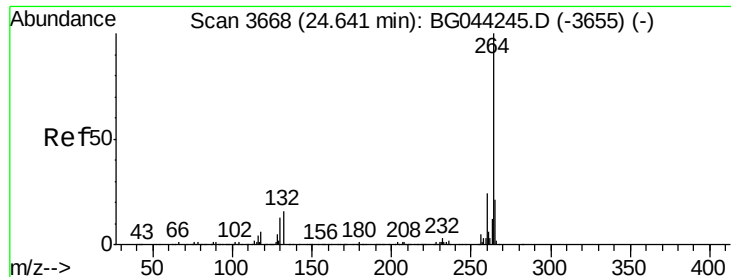
Tot Ion:149 Resp: 1079344
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 9.0 7.4 11.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.784 ng
RT: 28.09 min Scan# 4256
Delta R.T. -0.02 min
Lab File: BG044498.D
Acq: 19 Feb 2020 20:44

Tgt Ion:276 Resp: 1166133
Ion Ratio Lower Upper
276 100
138 15.3 19.4 29.0#
277 26.1 21.0 31.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.60 min Scan# 3661

Delta R.T. -0.02 min

Lab File: BG044498.D

Acq: 19 Feb 2020 20:44

Instrument :

BNA_G

ClientSampleId :

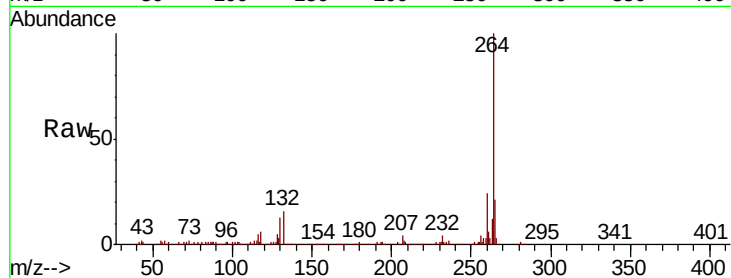
Tot Ion:264 Resp: 379608

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

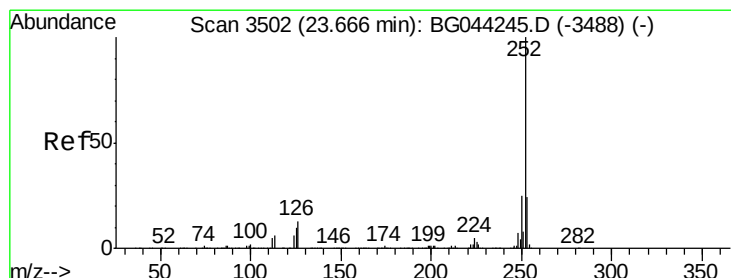
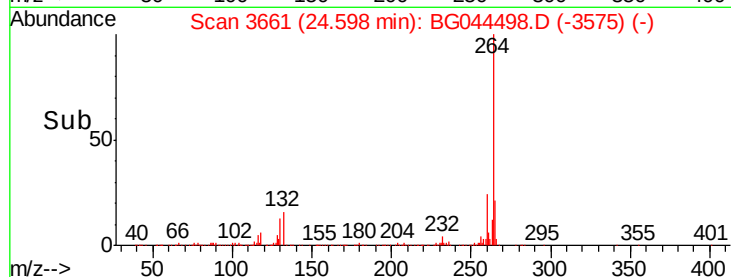
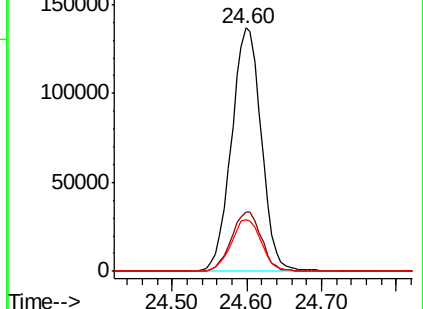
265 21.4 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.665 ng

RT: 23.63 min Scan# 3496

Delta R.T. -0.02 min

Lab File: BG044498.D

Acq: 19 Feb 2020 20:44

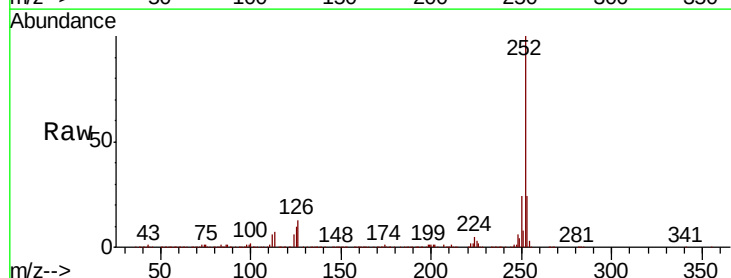
Tgt Ion:252 Resp: 977017

Ion Ratio Lower Upper

252 100

253 24.0 19.2 28.8

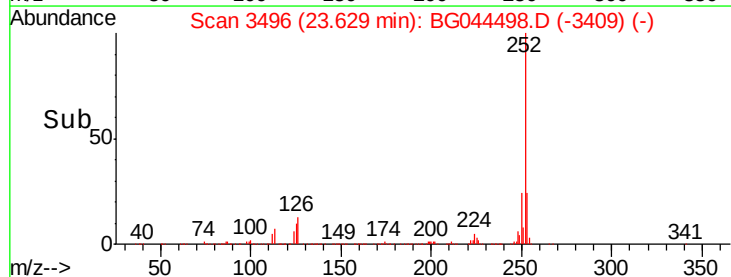
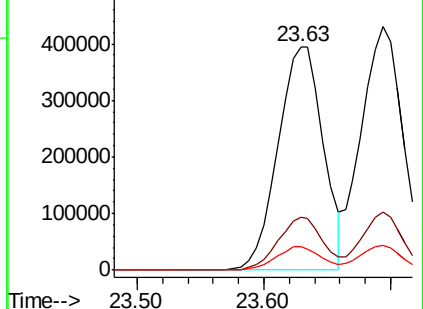
125 10.4 8.4 12.6

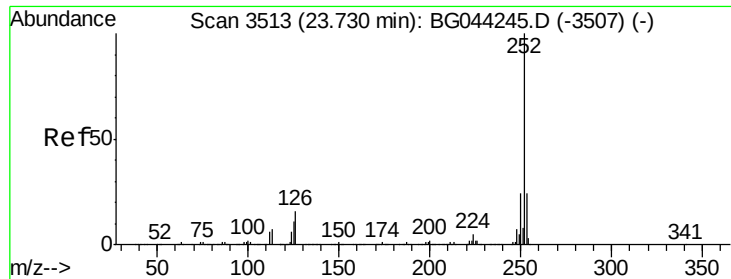


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 46.360 ng

RT: 23.69 min Scan# 3507

Delta R.T. -0.02 min

Lab File: BG044498.D

Acq: 19 Feb 2020 20:44

Instrument :

BNA_G

ClientSampled :

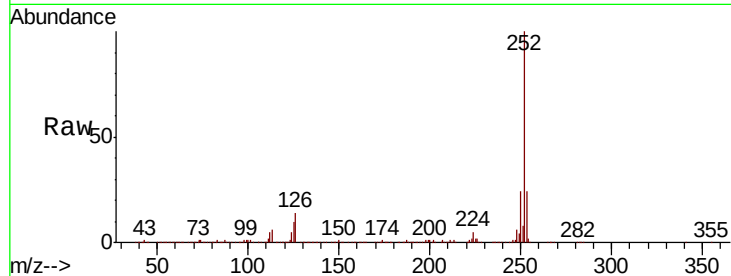
Tot Ion:252 Resp: 988370

Ion Ratio Lower Upper

252 100

253 23.6 19.1 28.7

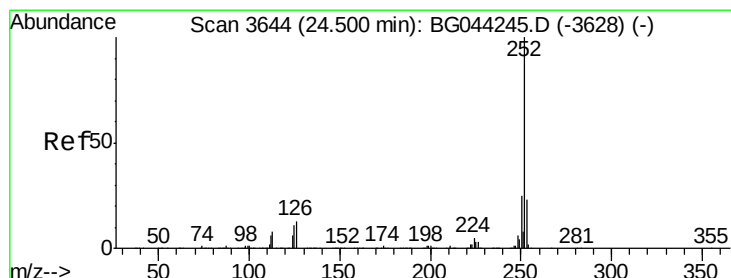
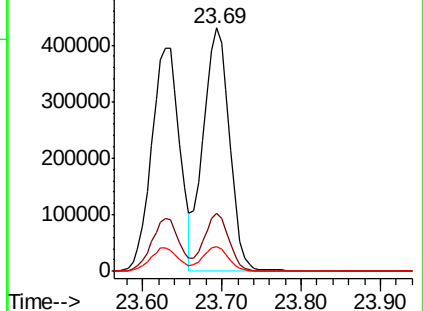
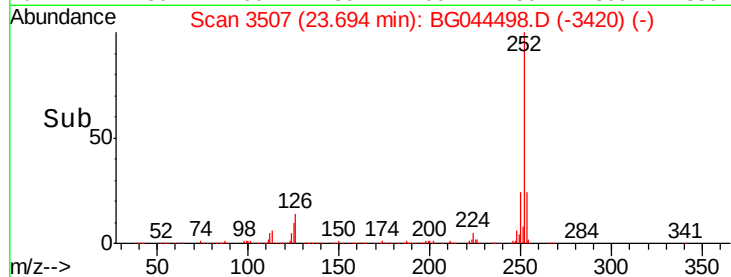
125 10.1 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 44.587 ng

RT: 24.46 min Scan# 3637

Delta R.T. -0.02 min

Lab File: BG044498.D

Acq: 19 Feb 2020 20:44

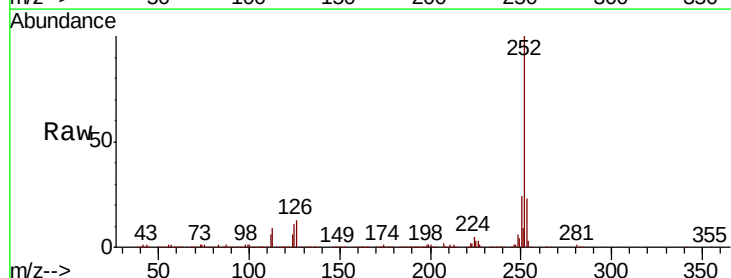
Tgt Ion:252 Resp: 922141

Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

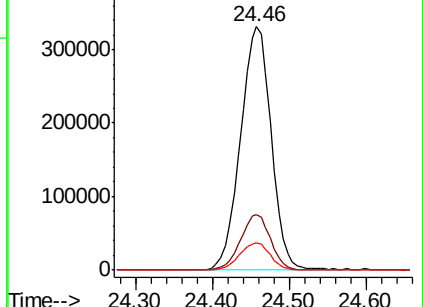
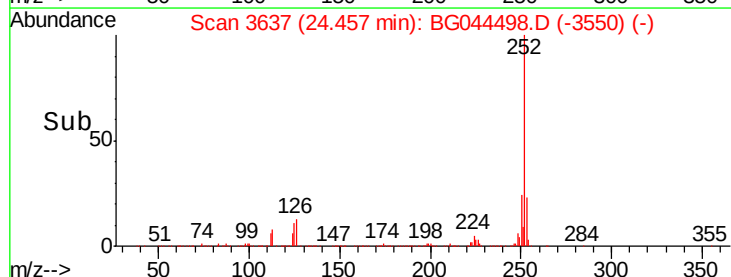
125 11.1 8.6 13.0

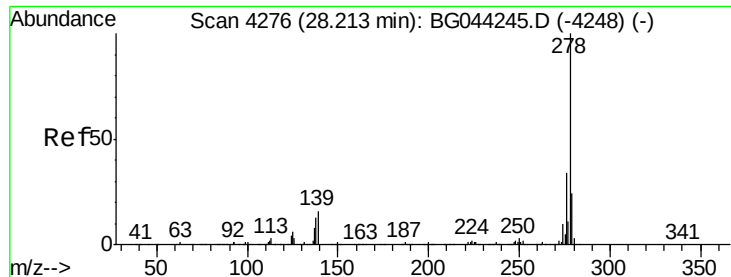


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

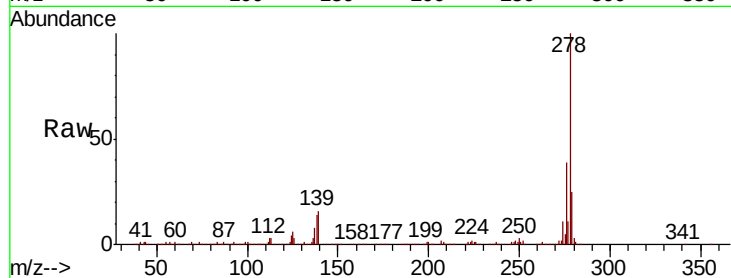




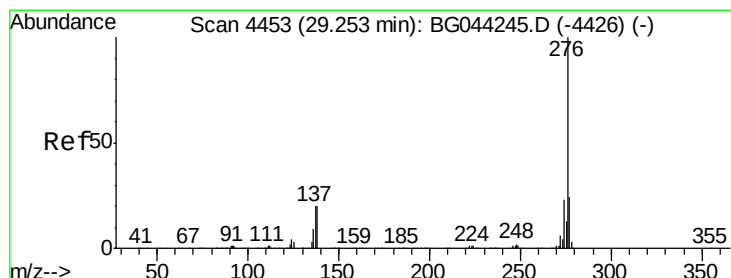
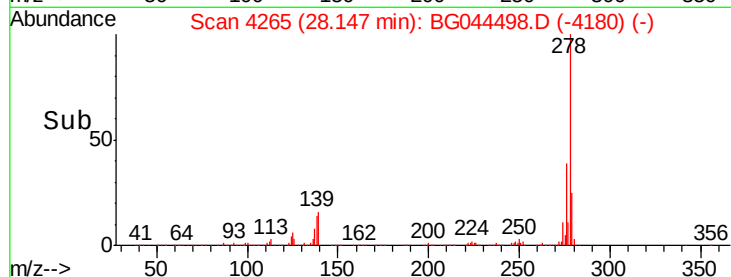
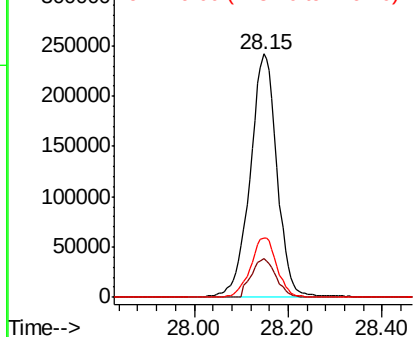
#91
Dibenzo(a,h)anthracene
Concen: 47.042 ng
RT: 28.15 min Scan# 4265
Delta R.T. -0.03 min
Lab File: BG044498.D
Acq: 19 Feb 2020 20:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.7	19.1
279	24.6	19.3	28.9

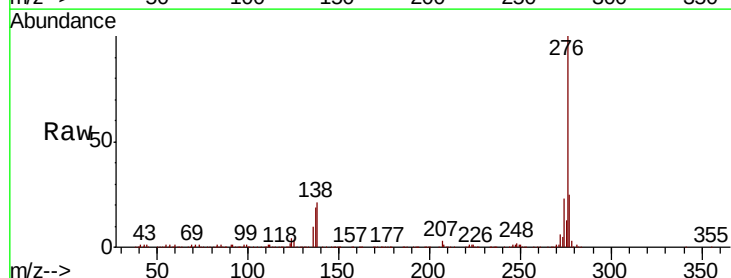


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 47.876 ng
RT: 29.18 min Scan# 4441
Delta R.T. -0.02 min
Lab File: BG044498.D
Acq: 19 Feb 2020 20:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.8	28.2
138	21.1	16.2	24.2



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

