

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
 Data File : BG044497.D
 Acq On : 19 Feb 2020 20:04
 Operator : CG/JU
 Sample : L1558-03MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 20 07:16:01 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	55864	20.00	ng	-0.02
21) Naphthalene-d8	10.69	136	229077	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	150685	20.00	ng	-0.02
64) Phenanthrene-d10	17.28	188	362733	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	363504	20.00	ng	-0.02
87) Perylene-d12	24.60	264	390330	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	344948	108.98	ng	0.00
7) Phenol-d6	7.07	99	446809	105.12	ng	-0.01
23) Nitrobenzene-d5	9.05	82	258587	63.73	ng	-0.02
42) 2,4,6-Tribromophenol	16.03	330	198781	112.37	ng	0.00
45) 2-Fluorobiphenyl	13.15	172	580159	64.47	ng	-0.01
79) Terphenyl-d14	19.89	244	996032	56.36	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	62116	43.676	ng	97
3) Pyridine	3.74	79	163116	43.050	ng	97
4) n-Nitrosodimethylamine	3.66	42	74618	47.127	ng	99
6) Aniline	7.21	93	65414	12.398	ng	99
8) 2-Chlorophenol	7.46	128	182394	52.429	ng	98
9) Benzaldehyde	7.03	77	75087	31.016	ng	97
10) Phenol	7.10	94	220055	52.310	ng	99
11) bis(2-Chloroethyl)ether	7.31	93	161792	44.987	ng	96
12) 1,3-Dichlorobenzene	7.78	146	190517	45.868	ng	98
13) 1,4-Dichlorobenzene	7.92	146	192956	46.904	ng	98
14) 1,2-Dichlorobenzene	8.24	146	180743	46.482	ng	100
15) Benzyl Alcohol	8.13	79	146769	48.771	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.42	45	214082	43.980	ng	98
17) 2-Methylphenol	8.34	107	150579	50.170	ng	97
18) Hexachloroethane	8.97	117	69319	44.903	ng	99
19) n-Nitroso-di-n-propylamine	8.69	70	124373	43.904	ng	98
20) 3+4-Methylphenols	8.67	107	205183	49.604	ng	99
22) Acetophenone	8.71	105	238106	42.727	ng	# 98
24) Nitrobenzene	9.09	77	178971	45.181	ng	99
25) Isophorone	9.62	82	346492	45.815	ng	99
26) 2-Nitrophenol	9.80	139	103826	50.513	ng	98
27) 2,4-Dimethylphenol	9.87	122	165366	56.994	ng	98
28) bis(2-Chloroethoxy)methane	10.10	93	214225	42.462	ng	99
29) 2,4-Dichlorophenol	10.34	162	176762	50.383	ng	98
30) 1,2,4-Trichlorobenzene	10.56	180	177707	44.175	ng	100
31) Naphthalene	10.74	128	517296	46.544	ng	99
32) Benzoic acid	9.87	122	165366	75.153	ng	# 18
33) 4-Chloroaniline	10.85	127	54038	10.691	ng	98
34) Hexachlorobutadiene	11.03	225	105004	42.420	ng	98
35) Caprolactam	11.61	113	78679	61.220	ng	98
36) 4-Chloro-3-methylphenol	11.99	107	189182	51.431	ng	99
37) 2-Methylnaphthalene	12.35	142	379831	46.029	ng	99
38) 1-Methylnaphthalene	12.57	142	363072	46.668	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.72	216	192916	42.799	ng	99

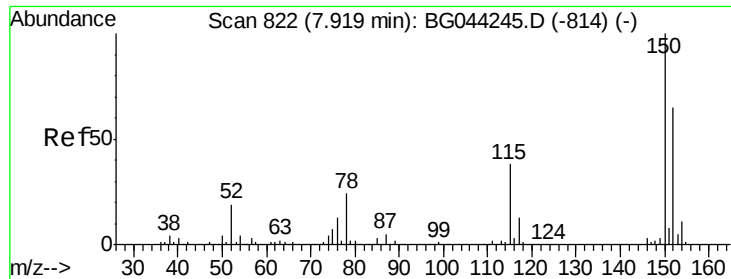
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
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 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	199780	92.370	ng	99
43) 2,4,6-Trichlorophenol	12.97	196	151513	52.003	ng	99
44) 2,4,5-Trichlorophenol	13.04	196	166176	55.841	ng	98
46) 1,1'-Biphenyl	13.36	154	489740	45.058	ng	98
47) 2-Chloronaphthalene	13.41	162	381784	44.142	ng	98
48) 2-Nitroaniline	13.61	65	118118	46.275	ng	97
49) Acenaphthylene	14.25	152	615609	48.527	ng	99
50) Dimethylphthalate	13.99	163	533463	49.250	ng	99
51) 2,6-Dinitrotoluene	14.10	165	115262	47.726	ng	97
52) Acenaphthene	14.60	154	376333	45.768	ng	99
53) 3-Nitroaniline	14.43	138	36902	13.811	ng	99
54) 2,4-Dinitrophenol	14.65	184	47155	37.436	ng	97
55) Dibenzofuran	14.93	168	594744	47.773	ng	98
56) 4-Nitrophenol	14.76	139	227020	115.992	ng	93
57) 2,4-Dinitrotoluene	14.89	165	164197	48.508	ng	98
58) Fluorene	15.58	166	479114	48.862	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.16	232	156829	58.344	ng	97
60) Diethylphthalate	15.35	149	519782	48.159	ng	98
61) 4-Chlorophenyl-phenylether	15.57	204	247325	46.519	ng	99
62) 4-Nitroaniline	15.60	138	129215	48.397	ng	96
63) Azobenzene	15.87	77	456589	48.269	ng	99
65) 4,6-Dinitro-2-methylphenol	15.66	198	78053	38.982	ng	99
66) n-Nitrosodiphenylamine	15.79	169	460110	45.262	ng	98
67) 4-Bromophenyl-phenylether	16.47	248	167516	42.388	ng	99
68) Hexachlorobenzene	16.59	284	185920	41.992	ng	97
69) Atrazine	16.74	200	190612	54.707	ng	98
70) Pentachlorophenol	16.94	266	117070	53.377	ng	98
71) Phenanthrene	17.32	178	819005	46.628	ng	99
72) Anthracene	17.41	178	848650	48.870	ng	98
73) Carbazole	17.68	167	793981	49.596	ng	98
74) Di-n-butylphthalate	18.24	149	982036	49.639	ng	99
75) Fluoranthene	19.33	202	1006230	49.521	ng	100
77) Benzidine	19.51	184	268454	26.625	ng	97
78) Pyrene	19.69	202	1015323	43.493	ng	98
80) Butylbenzylphthalate	20.58	149	458668	43.115	ng	99
81) Benzo(a)anthracene	21.50	228	985828	44.004	ng	98
82) 3,3'-Dichlorobenzidine	21.42	252	131542	15.129	ng	99
83) Chrysene	21.57	228	954869	44.095	ng	99
84) Bis(2-ethylhexyl)phthalate	21.42	149	653564	44.634	ng	99
85) Di-n-octyl phthalate	22.58	149	1134340	44.773	ng	100
86) Indeno(1,2,3-cd)pyrene	28.09	276	1224940	43.358	ng	100
88) Benzo(b)fluoranthene	23.63	252	1031024	45.839	ng	99
89) Benzo(k)fluoranthene	23.69	252	1036617	47.287	ng	99
90) Benzo(a)pyrene	24.46	252	965870	45.418	ng	98
91) Dibenzo(a,h)anthracene	28.15	278	1013557	48.158	ng	99
92) Benzo(g,h,i)perylene	29.18	276	1029445	48.861	ng	99

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

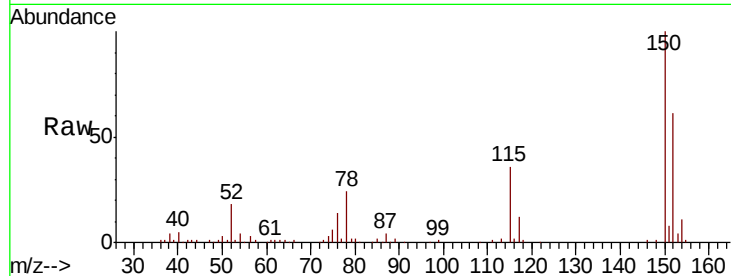


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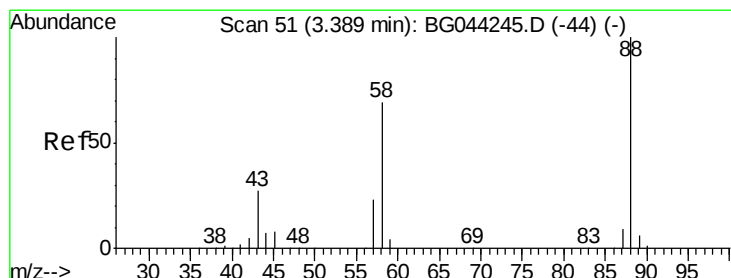
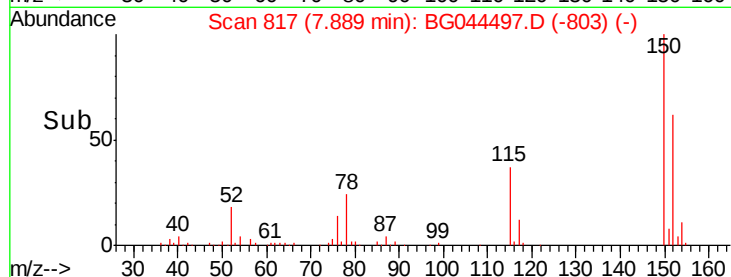
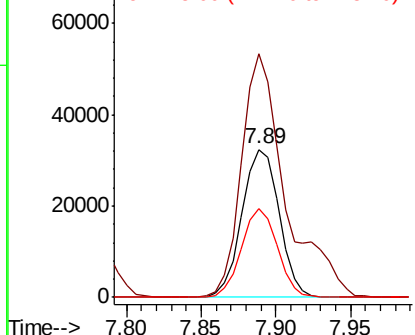
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 55864
Ion Ratio Lower Upper
152 100
150 164.8 122.6 183.8
115 60.1 46.0 69.0



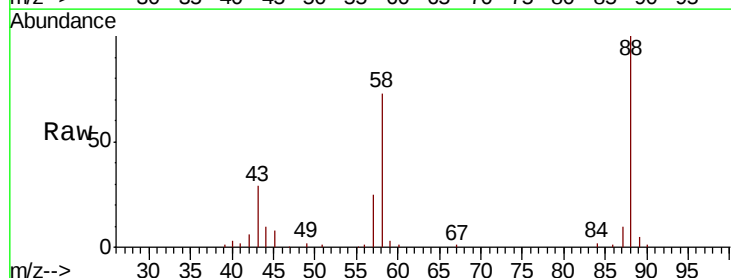
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



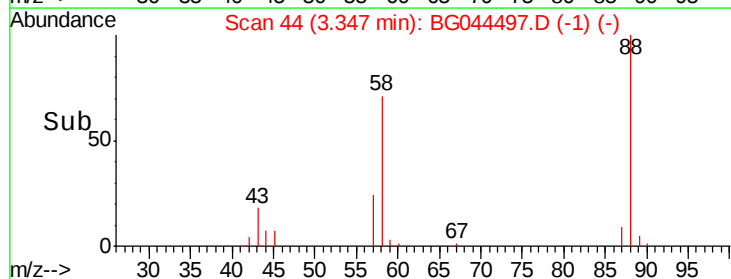
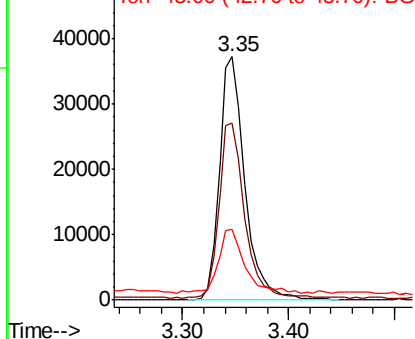
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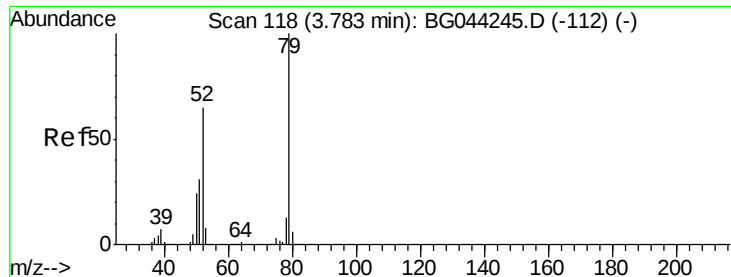
1,4-Dioxane
Concen: 43.676 ng
RT: 3.35 min Scan# 44
Delta R.T. -0.02 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

Tgt Ion: 88 Resp: 62116
Ion Ratio Lower Upper
88 100
58 72.3 55.8 83.6
43 28.3 21.6 32.4



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





#3

Pvridine

Concen: 43.050 ng

RT: 3.74 min Scan# 111

Delta R.T. -0.02 min

Lab File: BG044497.D

Acq: 19 Feb 2020 20:04

Instrument :

BNA_G

ClientSampleId :

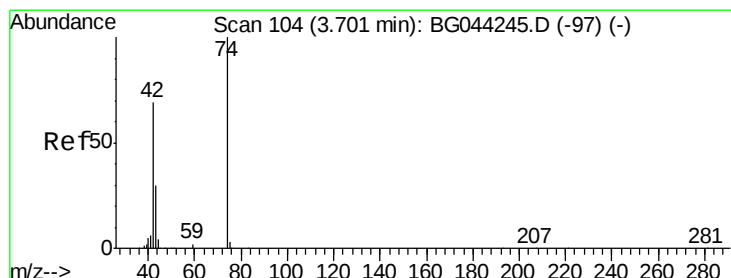
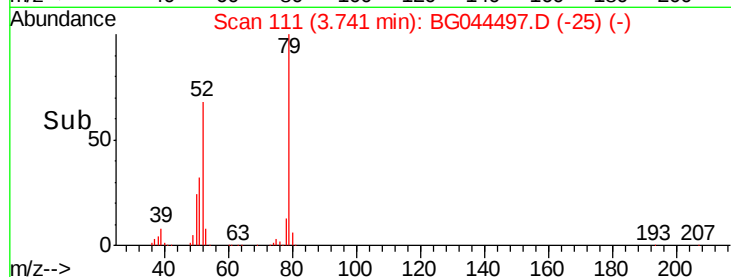
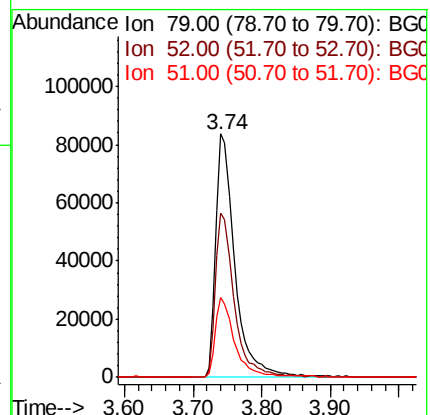
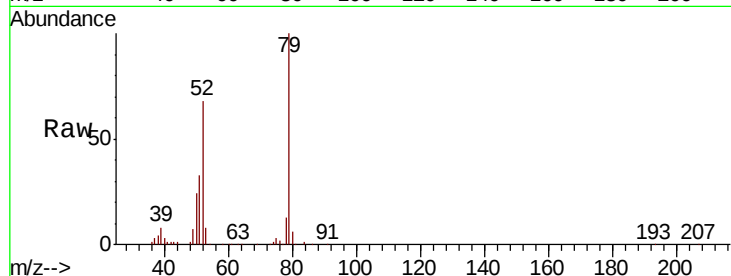
Tot Ion: 79 Resp: 163116

Ion Ratio Lower Upper

79 100

52 67.5 51.9 77.9

51 32.6 25.3 37.9



#4

n-Nitrosodimethylamine

Concen: 47.127 ng

RT: 3.66 min Scan# 97

Delta R.T. -0.02 min

Lab File: BG044497.D

Acq: 19 Feb 2020 20:04

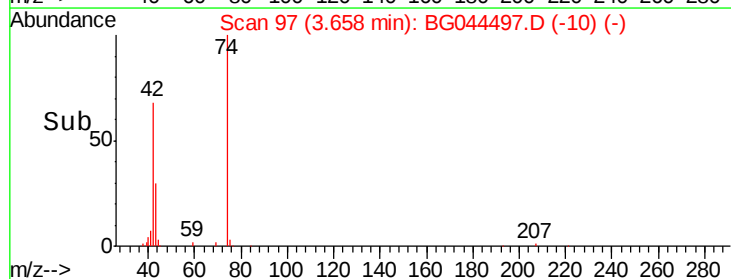
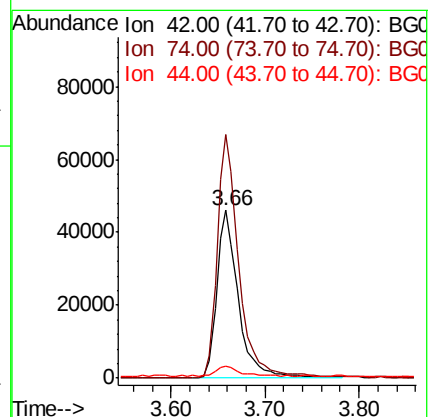
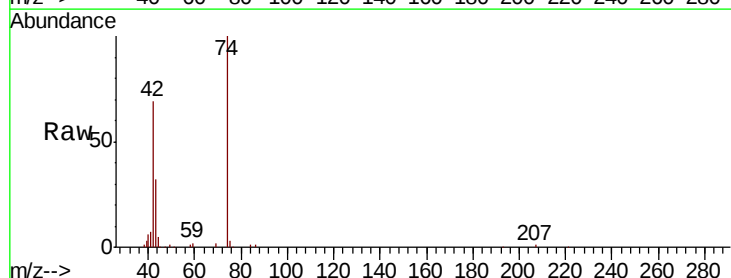
Tgt Ion: 42 Resp: 74618

Ion Ratio Lower Upper

42 100

74 145.3 115.1 172.7

44 6.8 5.6 8.4





#5

2-Fluorophenol

Concen: 108.975 ng

RT: 5.47 min Scan# 406

Delta R.T. -0.00 min

Lab File: BG044497.D

Acq: 19 Feb 2020 20:04

Instrument :

BNA_G

ClientSampled :

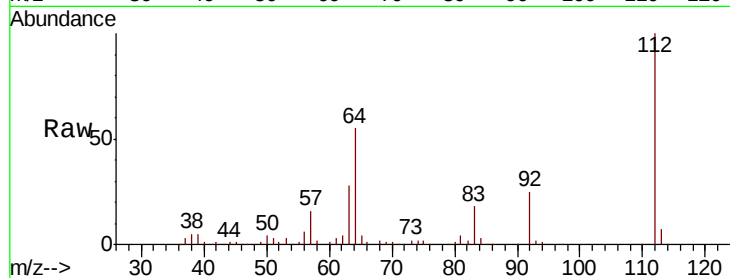
Tot Ion: 112 Resp: 344948

Ion Ratio Lower Upper

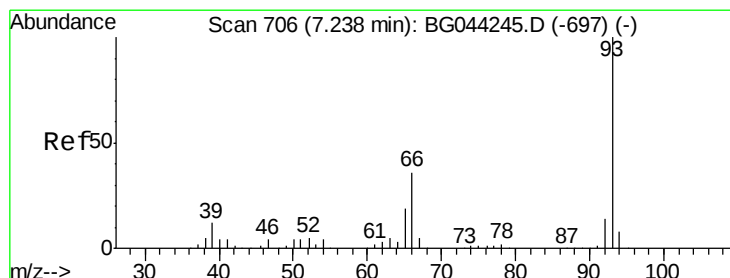
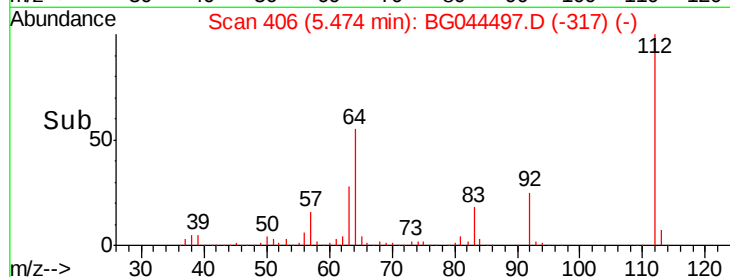
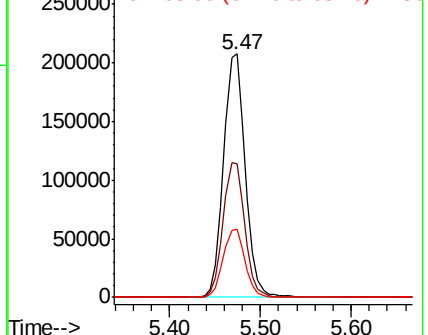
112 100

64 55.0 45.4 68.2

63 27.8 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: 12.398 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.02 min

Lab File: BG044497.D

Acq: 19 Feb 2020 20:04

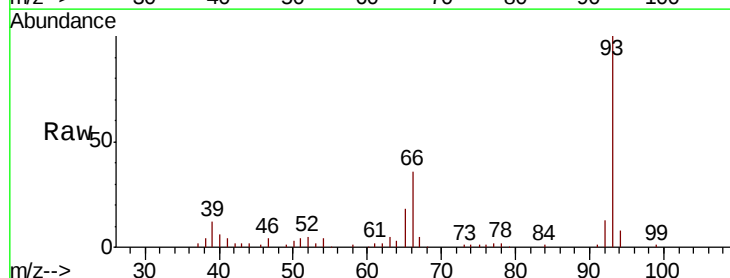
Tgt Ion: 93 Resp: 65414

Ion Ratio Lower Upper

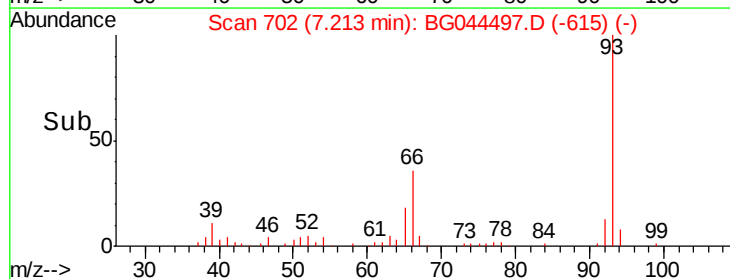
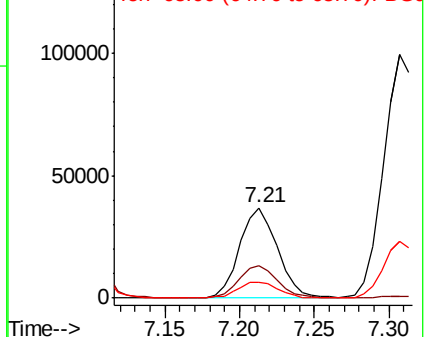
93 100

66 35.6 28.7 43.1

65 18.0 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: 105.116 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044497.D

Acq: 19 Feb 2020 20:04

Instrument :

BNA_G

ClientSampleId :

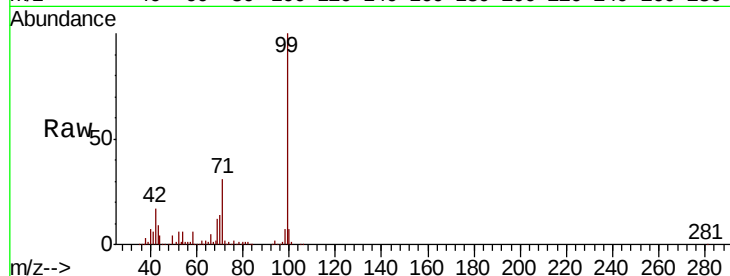
Tot Ion: 99 Resp: 446809

Ion Ratio Lower Upper

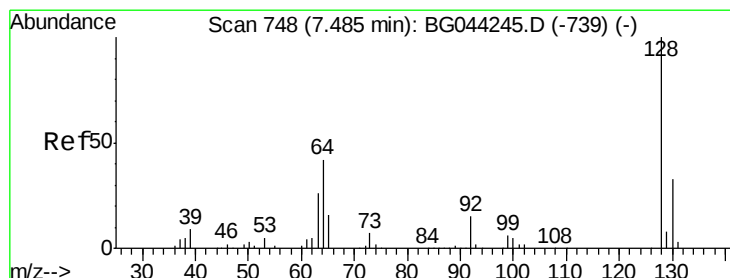
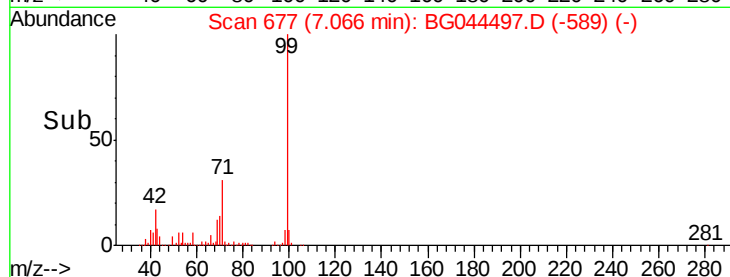
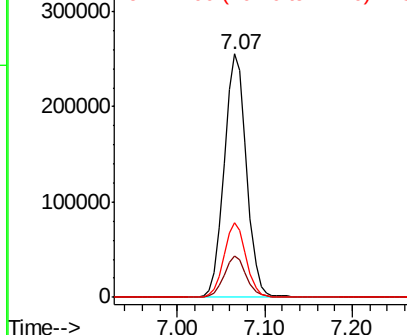
99 100

42 16.8 13.8 20.6

71 30.9 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: 52.429 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG044497.D

Acq: 19 Feb 2020 20:04

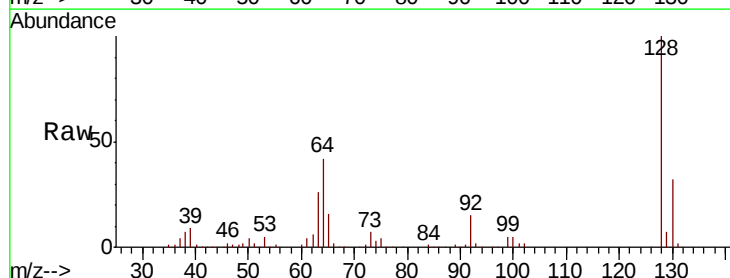
Tgt Ion: 128 Resp: 182394

Ion Ratio Lower Upper

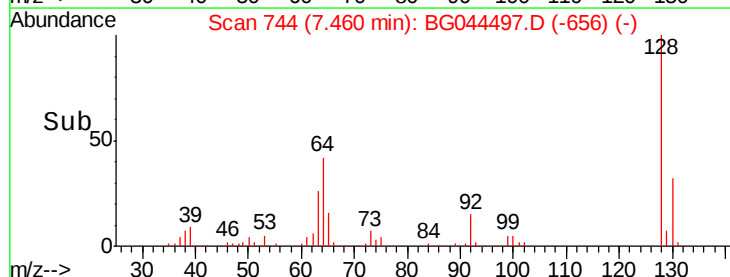
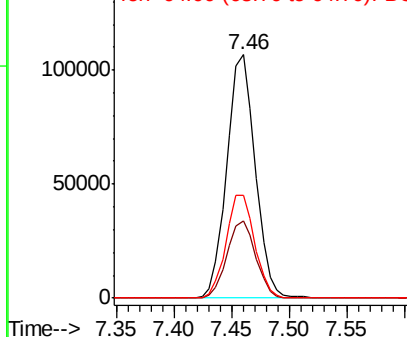
128 100

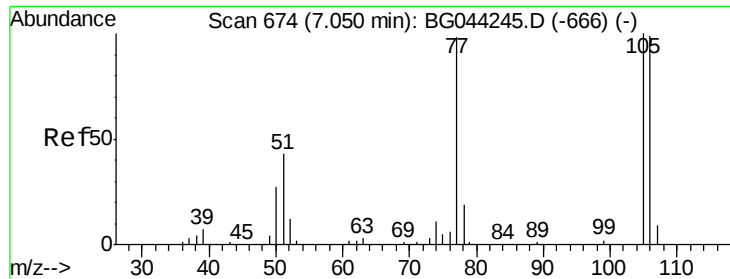
130 31.9 12.5 52.5

64 42.3 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: 31.016 ng

RT: 7.03 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG044497.D

Acq: 19 Feb 2020 20:04

Instrument :

BNA_G

ClientSampled :

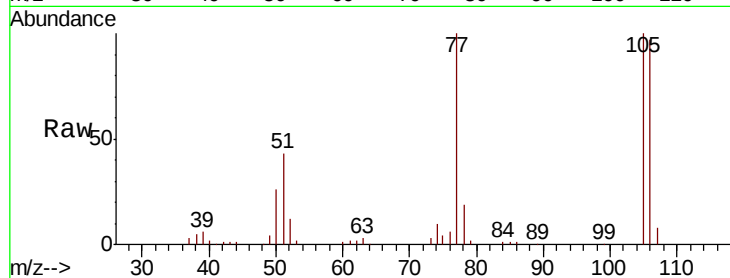
Tot Ion: 77 Resp: 75087

Ion Ratio Lower Upper

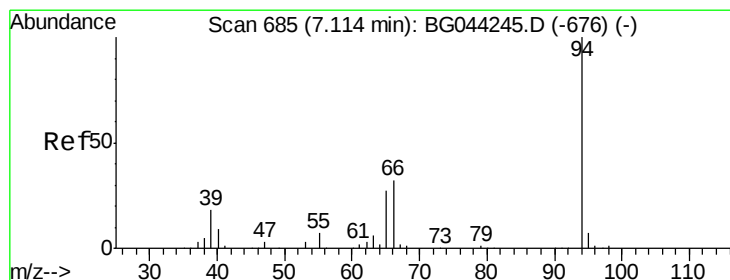
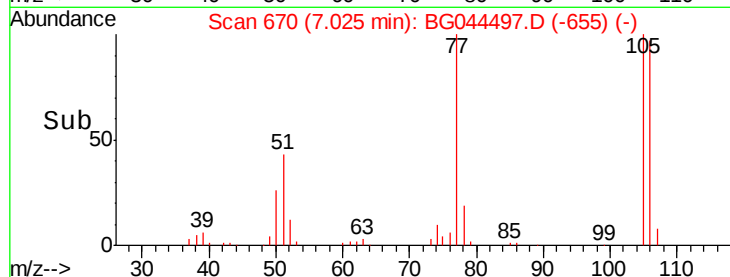
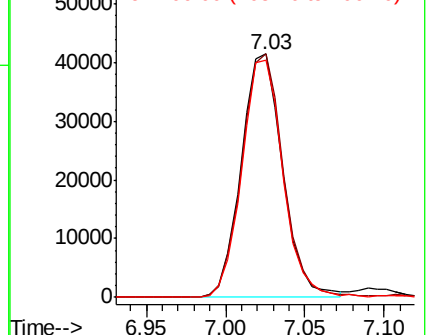
77 100

105 100.1 82.0 122.0

106 97.4 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: 52.310 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG044497.D

Acq: 19 Feb 2020 20:04

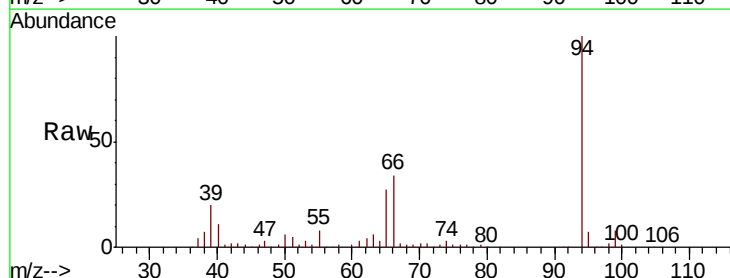
Tgt Ion: 94 Resp: 220055

Ion Ratio Lower Upper

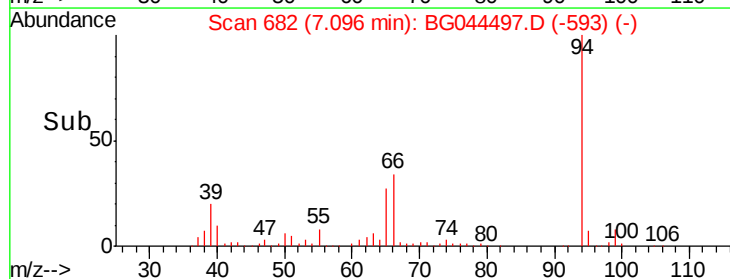
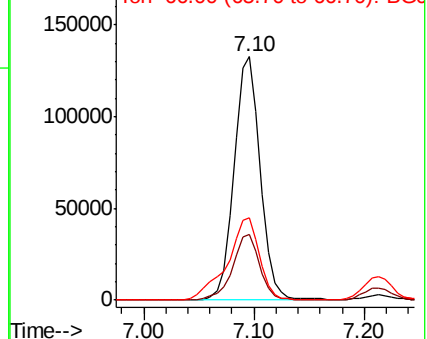
94 100

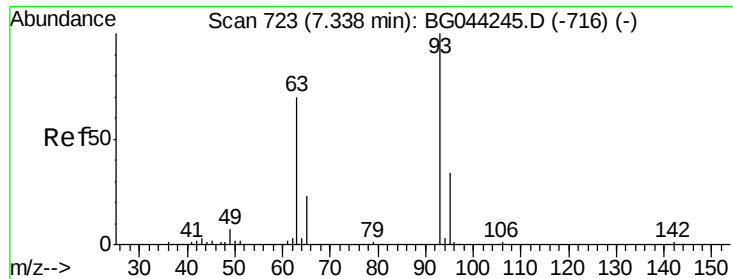
65 27.1 7.0 47.0

66 33.9 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

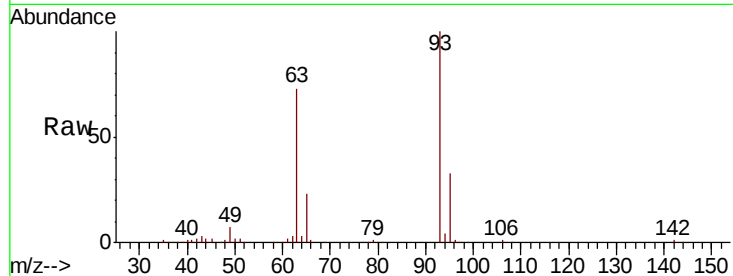




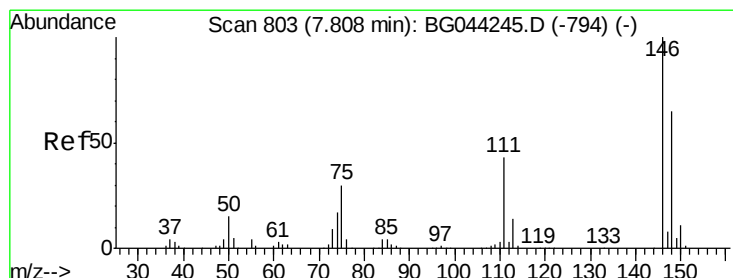
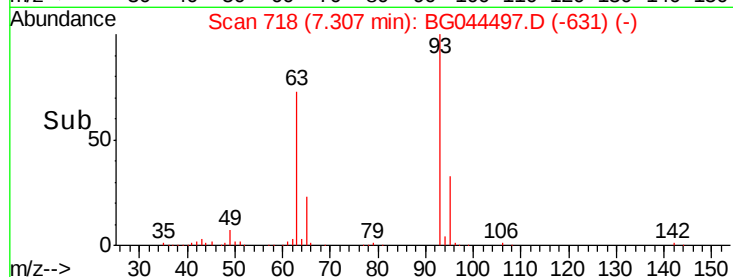
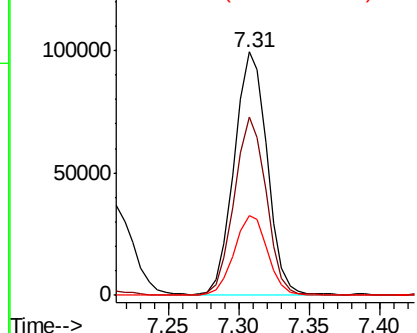
#11
bis(2-Chloroethyl)ether
Concen: 44.987 ng
RT: 7.31 min Scan# 718
Delta R.T. -0.02 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 161792
Ion Ratio Lower Upper
93 100
63 73.3 49.2 89.2
95 32.6 13.6 53.6

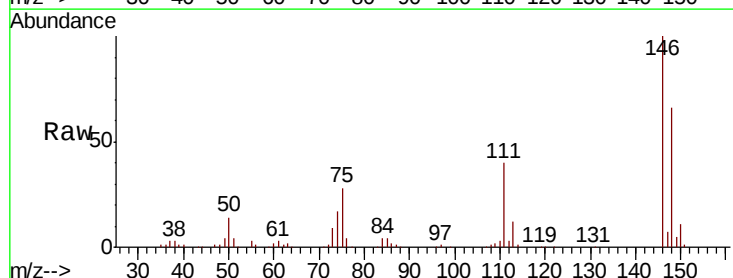


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

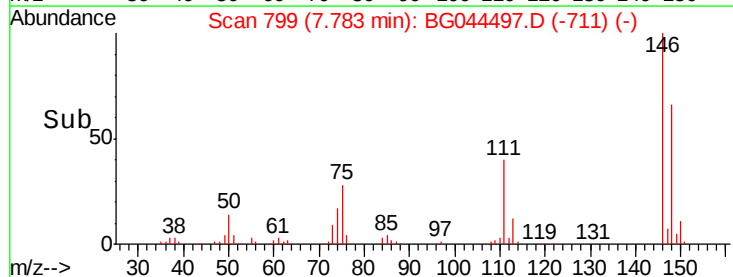
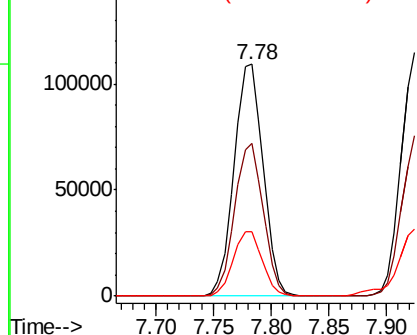


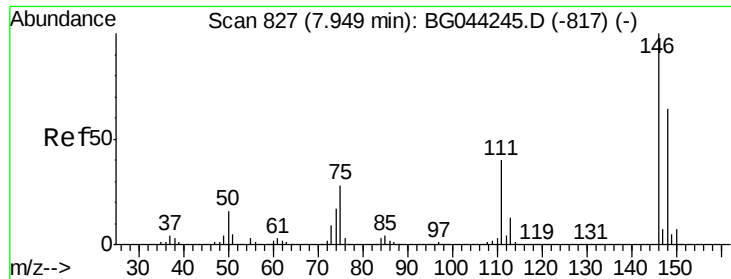
#12
1,3-Dichlorobenzene
Concen: 45.868 ng
RT: 7.78 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

Tgt Ion: 146 Resp: 190517
Ion Ratio Lower Upper
146 100
148 65.7 51.8 77.8
75 27.6 23.7 35.5



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

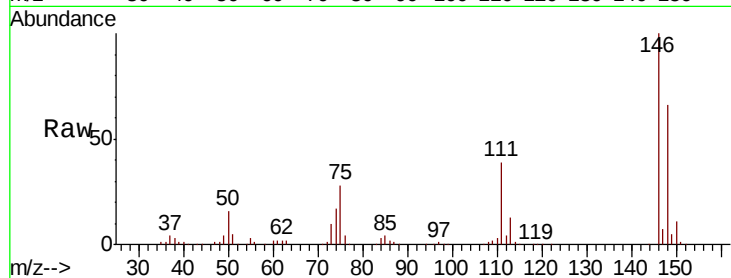




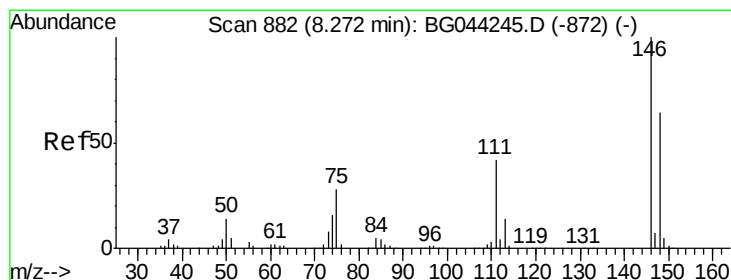
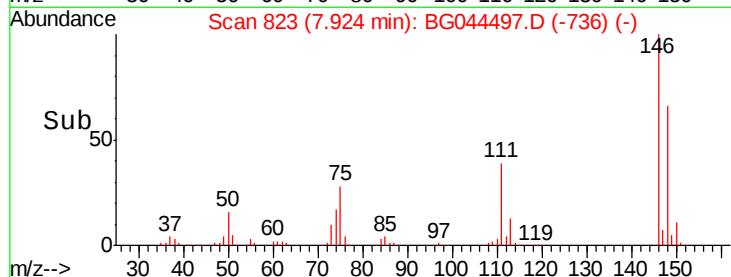
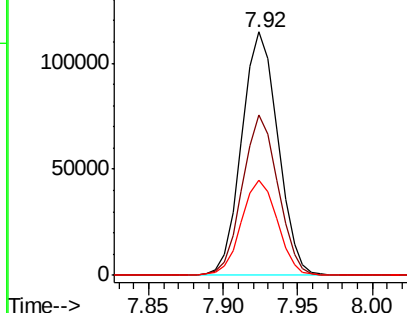
#13
 1,4-Dichlorobenzene
 Concen: 46.904 ng
 RT: 7.92 min Scan# 823
 Delta R.T. -0.02 min
 Lab File: BG044497.D
 Acq: 19 Feb 2020 20:04

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion:146 Resp: 192956
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.4 77.0
 111 38.9 31.8 47.8

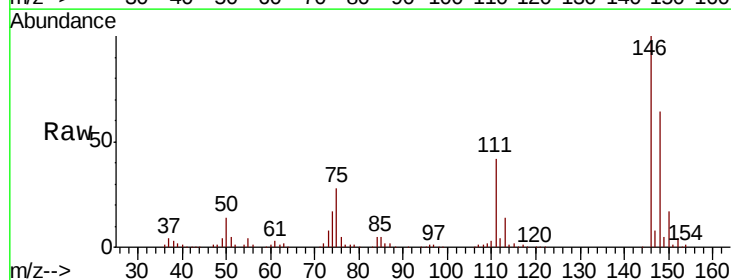


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

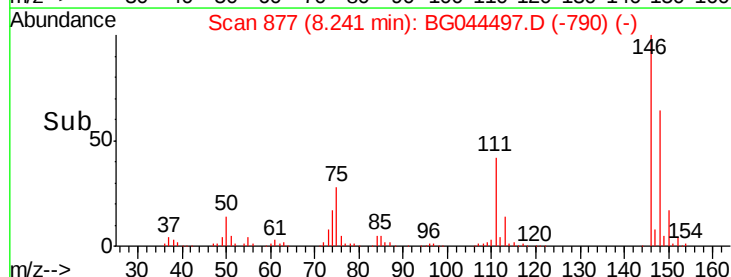
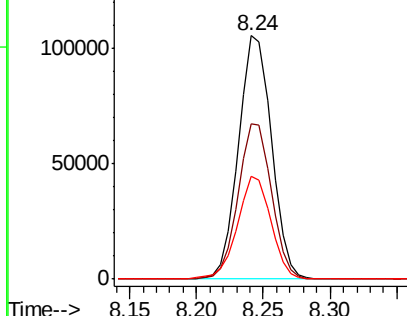


#14
 1,2-Dichlorobenzene
 Concen: 46.482 ng
 RT: 8.24 min Scan# 877
 Delta R.T. -0.02 min
 Lab File: BG044497.D
 Acq: 19 Feb 2020 20:04

Tgt Ion:146 Resp: 180743
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.2 76.8
 111 42.4 34.0 51.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.771 ng

RT: 8.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BG044497.D

Acq: 19 Feb 2020 20:04

Instrument :

BNA_G

ClientSampled :

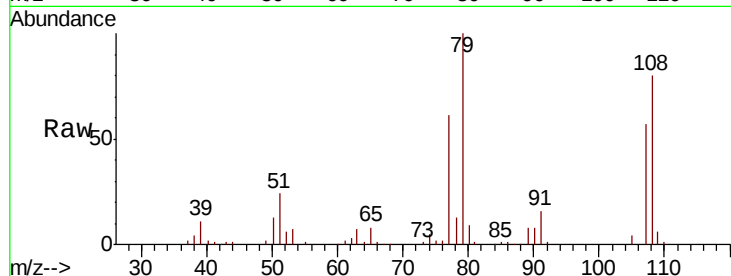
Tot Ion: 79 Resp: 146769

Ion Ratio Lower Upper

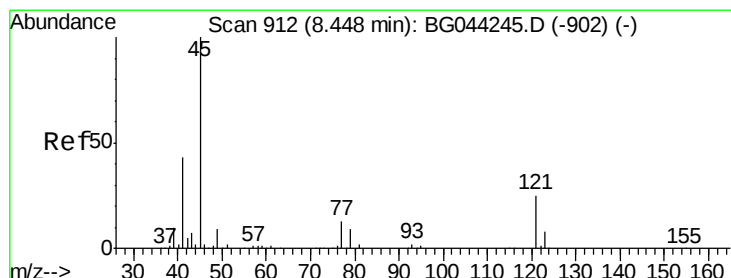
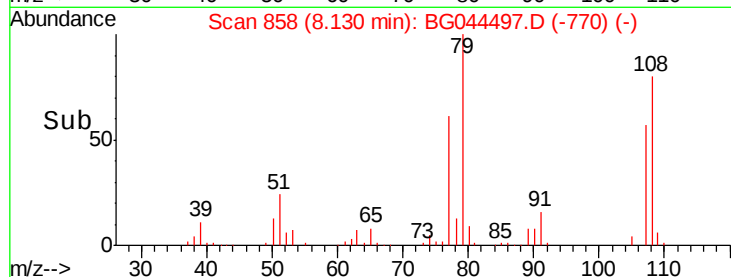
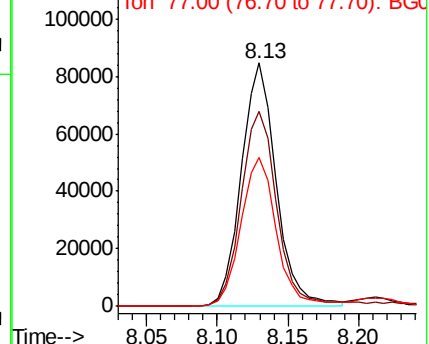
79 100

108 80.0 68.3 102.5

77 61.0 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: 43.980 ng

RT: 8.42 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG044497.D

Acq: 19 Feb 2020 20:04

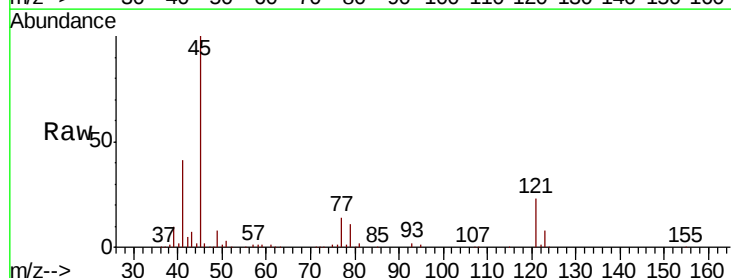
Tgt Ion: 45 Resp: 214082

Ion Ratio Lower Upper

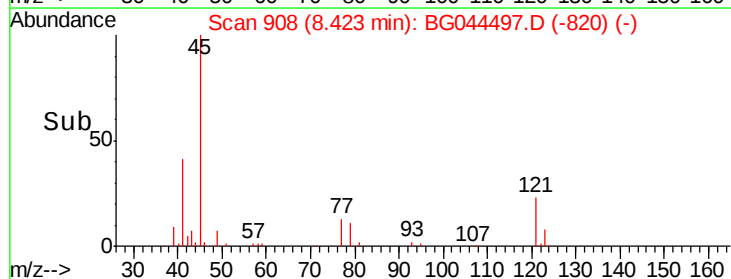
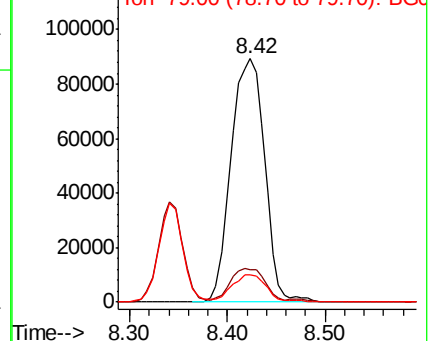
45 100

77 13.6 0.0 35.2

79 11.1 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: 50.170 ng

RT: 8.34 min Scan# 894

Delta R.T. -0.01 min

Lab File: BG044497.D

Acq: 19 Feb 2020 20:04

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 150579

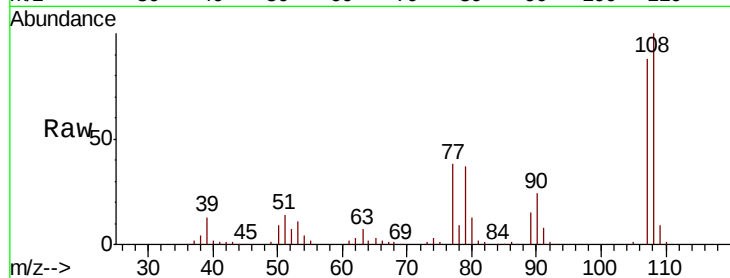
Ion Ratio Lower Upper

107 100

108 113.5 86.4 129.6

77 42.7 34.0 51.0

79 41.8 32.9 49.3

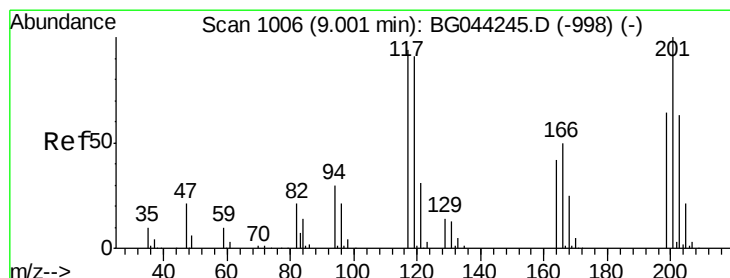
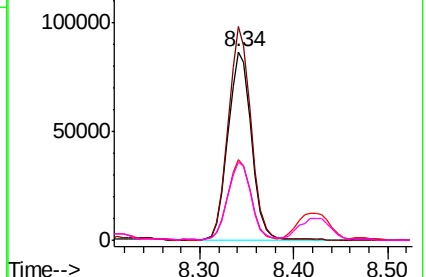
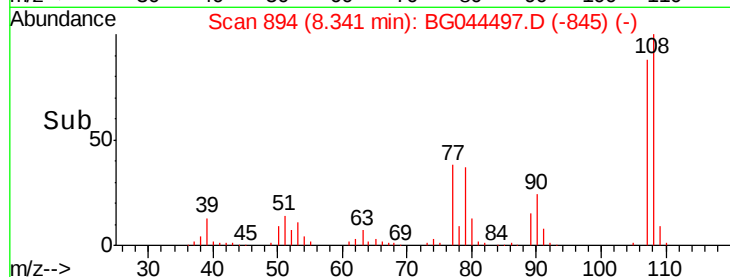


Abundance Ion 107.00 (106.70 to 107.70): E

150000 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: 44.903 ng

RT: 8.97 min Scan# 1001

Delta R.T. -0.02 min

Lab File: BG044497.D

Acq: 19 Feb 2020 20:04

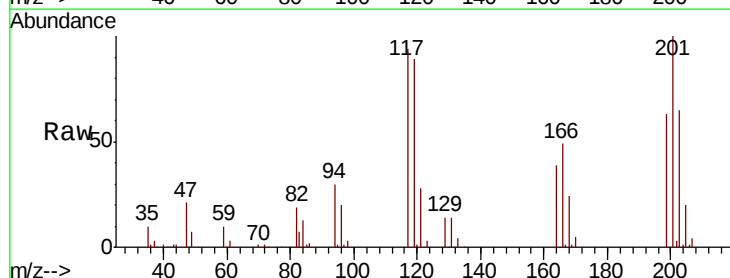
Tgt Ion:117 Resp: 69319

Ion Ratio Lower Upper

117 100

119 94.7 77.5 116.3

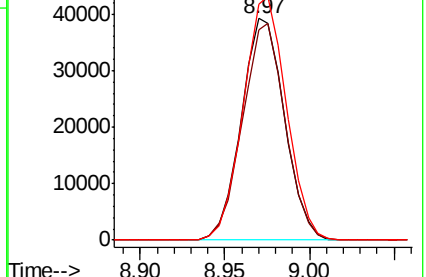
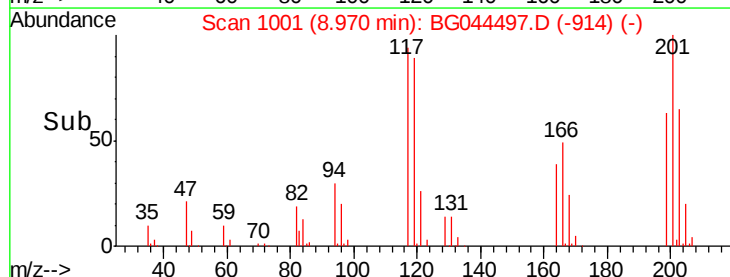
201 106.2 84.9 127.3



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

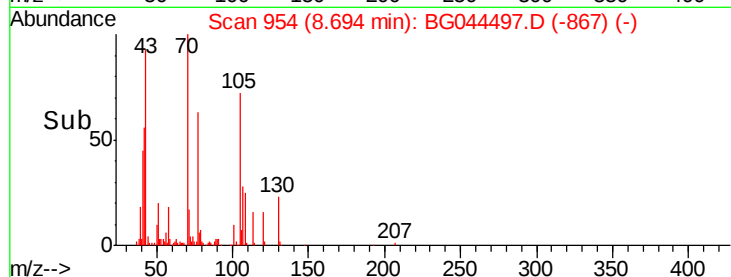
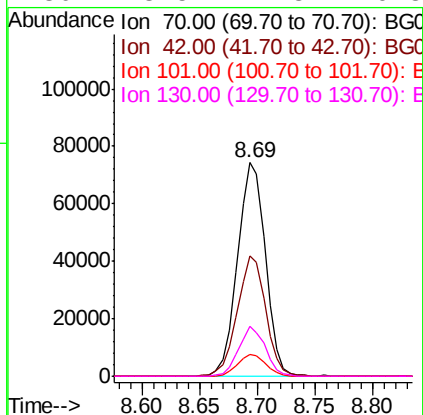
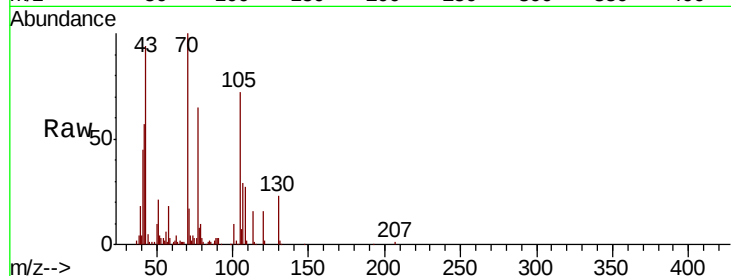




#19
n-Nitroso-di-n-propylamine
Concen: 43.904 ng
RT: 8.69 min Scan# 954
Delta R.T. -0.02 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

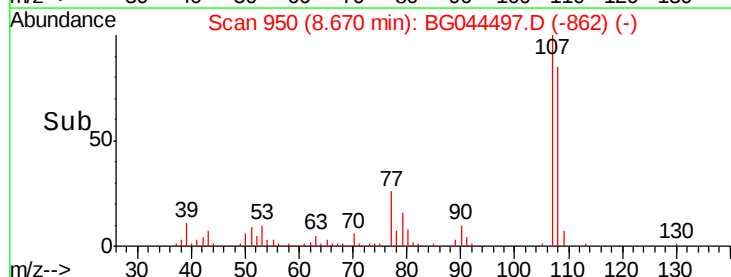
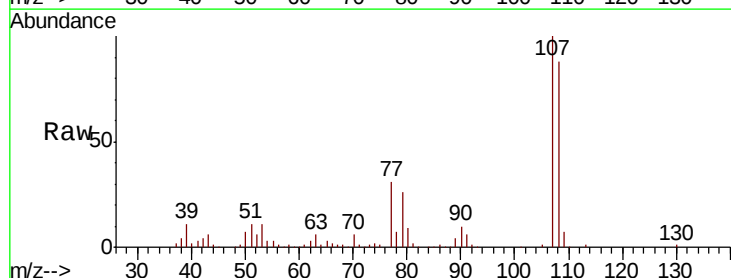
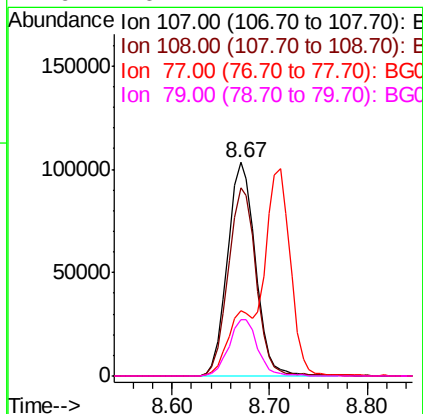
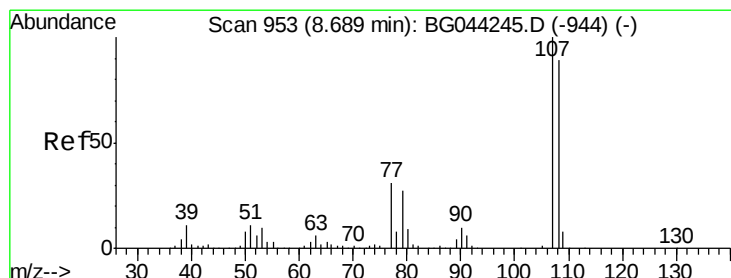
Instrument :
BNA_G
ClientSampled :

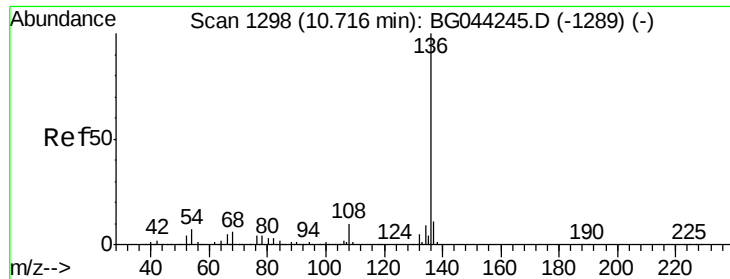
Tot Ion:	70	Resp:	124373
Ion	Ratio	Lower	Upper
70	100		
42	56.6	46.2	69.2
101	10.2	8.4	12.6
130	23.5	17.8	26.8



#20
3+4-Methylphenols
Concen: 49.604 ng
RT: 8.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

Tgt Ion:	107	Resp:	205183
Ion	Ratio	Lower	Upper
107	100		
108	88.0	68.5	108.5
77	30.8	10.9	50.9
79	26.1	7.1	47.1

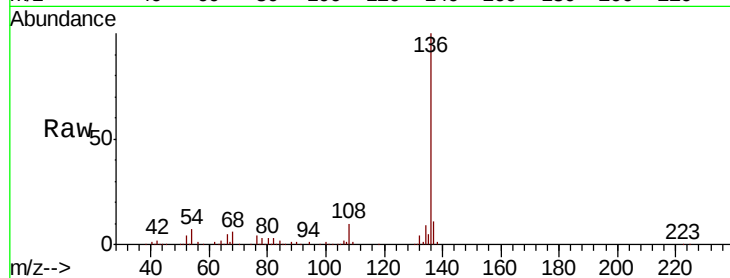




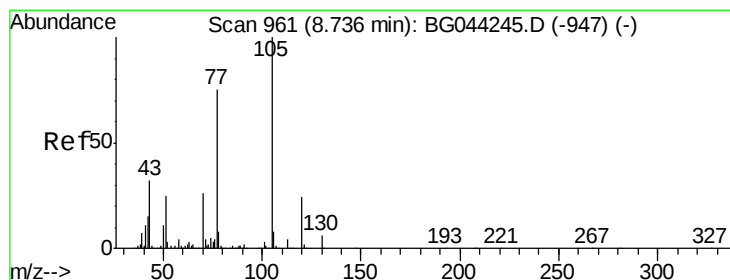
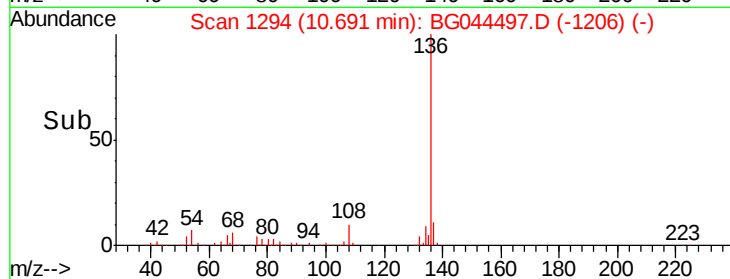
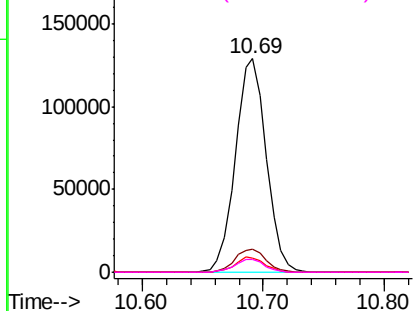
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp: 229077
Ion Ratio	Lower Upper
136 100	
137 10.9	8.8 13.2
54 6.5	5.8 8.8
68 5.8	4.6 6.8

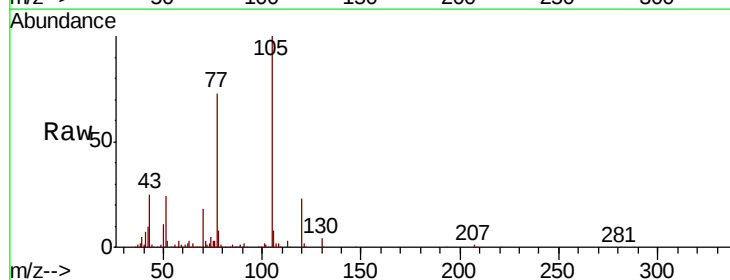


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

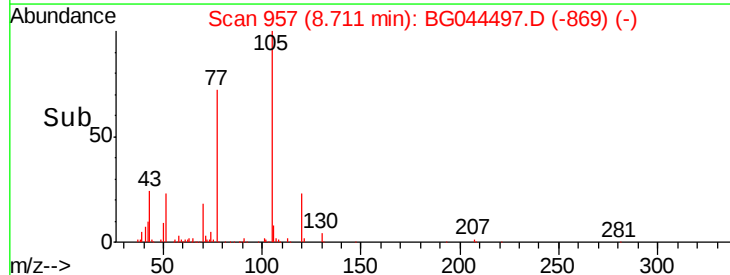
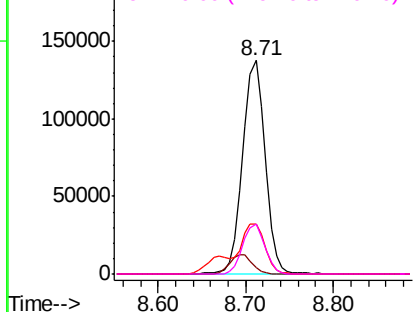


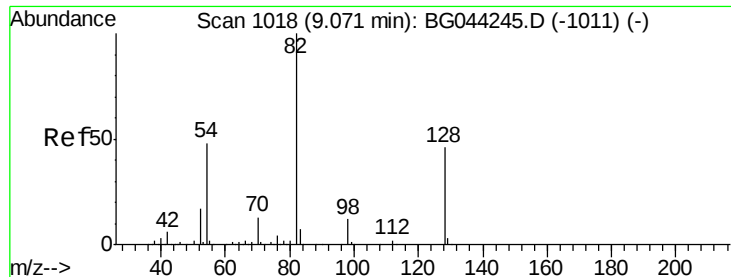
#22
Acetophenone
Concen: 42.727 ng
RT: 8.71 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

Tgt	Ion:105	Resp:	238106
Ion	Ratio	Lower	Upper
105	100		
71	3.1	3.4	5.0#
51	23.6	20.2	30.4
120	23.3	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

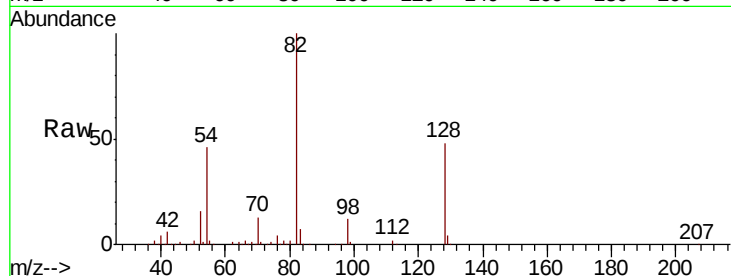




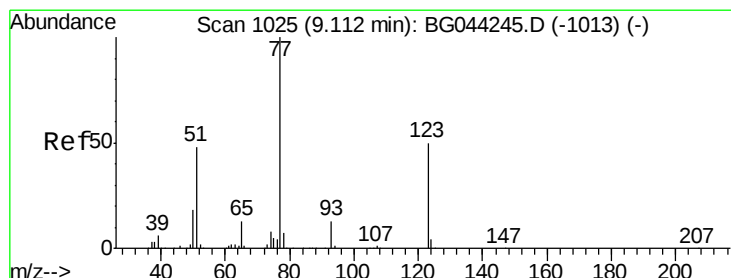
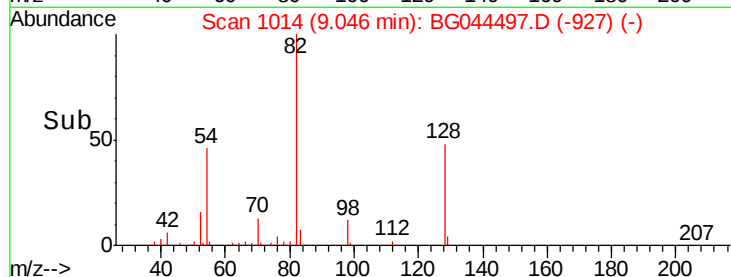
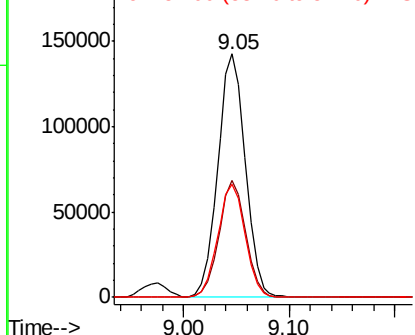
#23
Nitrobenzene-d5
Concen: 63.729 ng
RT: 9.05 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	258587
Ion Ratio	Lower	Upper	
82	100		
128	48.0	36.5	54.7
54	46.2	38.6	58.0

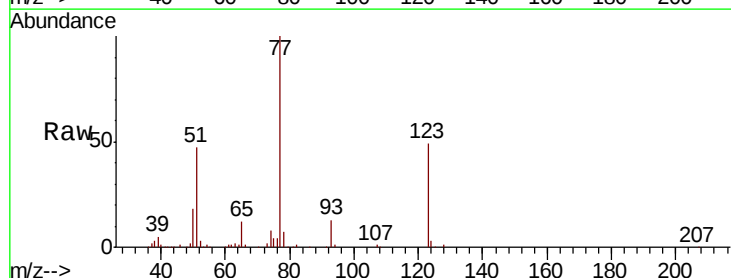


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

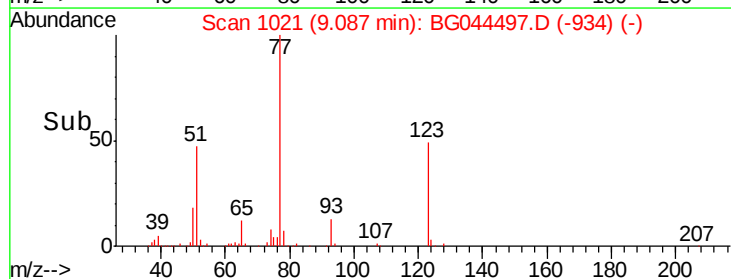
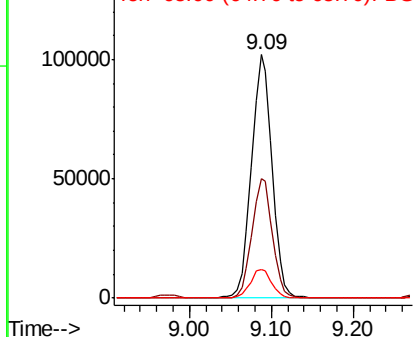


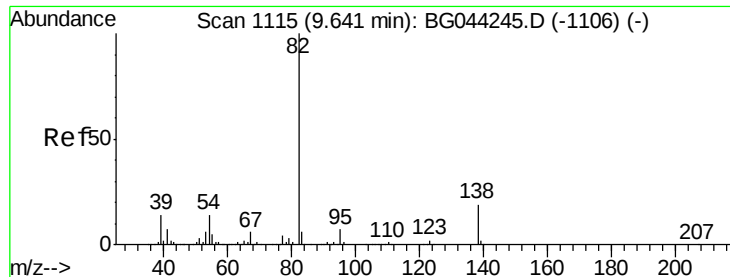
#24
Nitrobenzene
Concen: 45.181 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

Tgt Ion	77	Resp	178971
Ion Ratio	Lower	Upper	
77	100		
123	49.1	39.9	59.9
65	12.0	10.4	15.6



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





#25

Isophorone

Concen: 45.815 ng

RT: 9.62 min Scan# 1111

Delta R.T. -0.02 min

Lab File: BG044497.D

Acq: 19 Feb 2020 20:04

Instrument :

BNA_G

ClientSampleId :

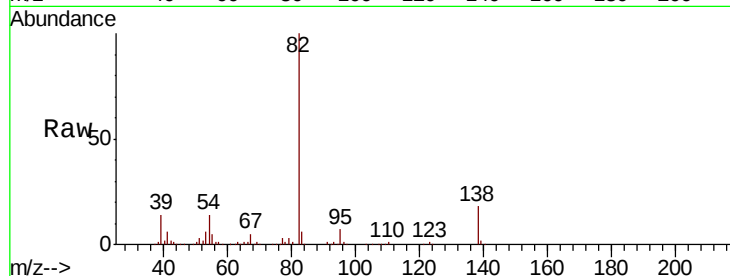
Tot Ion: 82 Resp: 346492

Ion Ratio Lower Upper

82 100

95 6.8 5.7 8.5

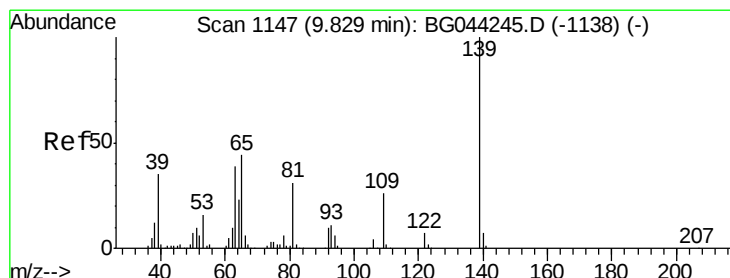
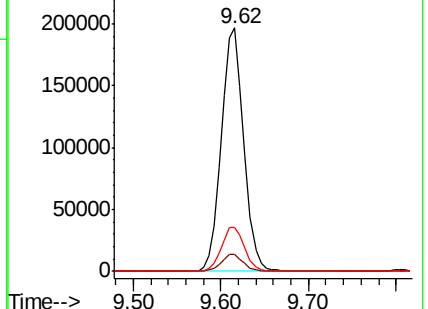
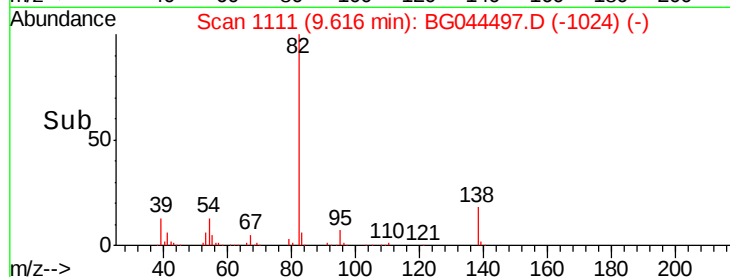
138 18.2 15.0 22.4



Abundance Ion 82.00 (81.70 to 82.70): BG044497.D (-1024) (-)

Ion 95.00 (94.70 to 95.70): BG044497.D (-1024) (-)

Ion 138.00 (137.70 to 138.70): BG044497.D (-1024) (-)



#26

2-Nitrophenol

Concen: 50.513 ng

RT: 9.80 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BG044497.D

Acq: 19 Feb 2020 20:04

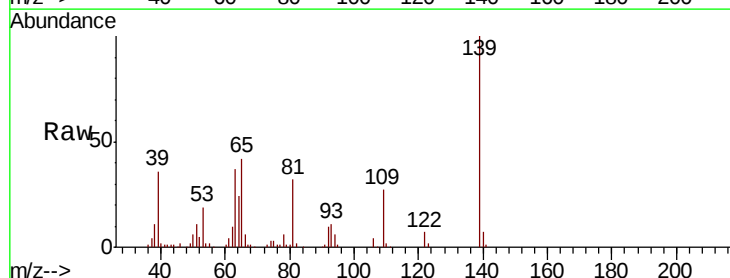
Tgt Ion: 139 Resp: 103826

Ion Ratio Lower Upper

139 100

109 27.3 21.0 31.4

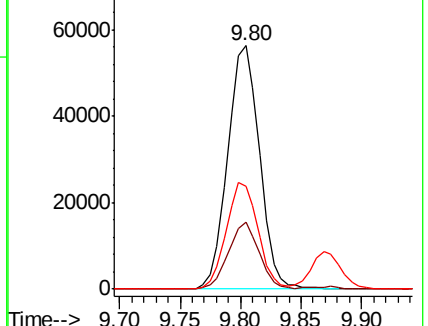
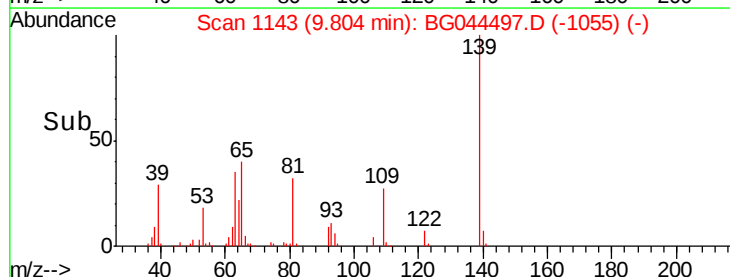
65 42.5 35.0 52.4

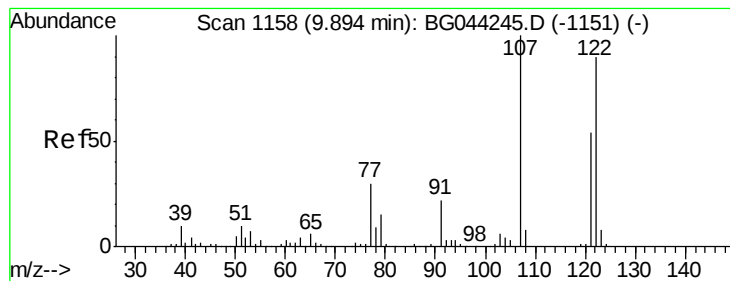


Abundance Ion 139.00 (138.70 to 139.70): BG044497.D (-1055) (-)

Ion 109.00 (108.70 to 109.70): BG044497.D (-1055) (-)

Ion 65.00 (64.70 to 65.70): BG044497.D (-1055) (-)

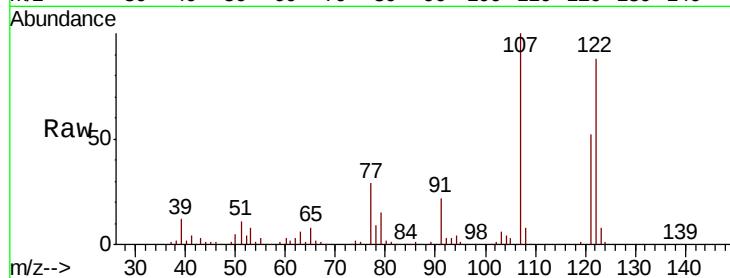




#27
 2,4-Dimethylphenol
 Concen: 56.994 ng
 RT: 9.87 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BG044497.D
 Acq: 19 Feb 2020 20:04

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.9	88.8	133.2
121	59.0	48.3	72.5

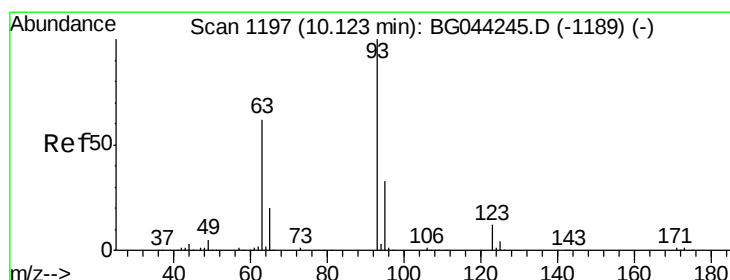
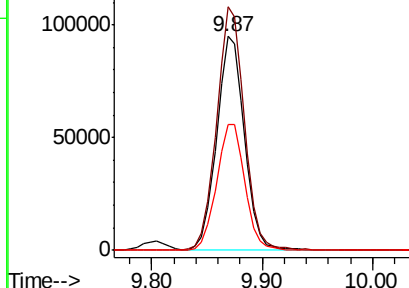
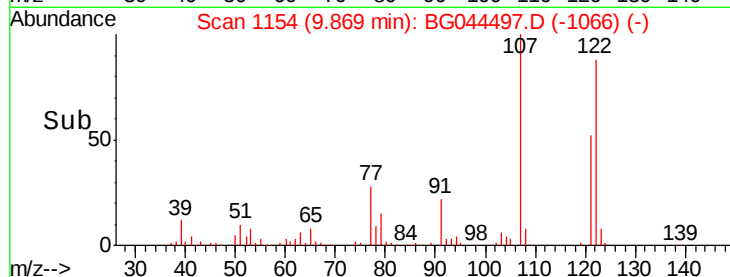


Abundance

Ion 122.00 (121.70 to 122.70): E

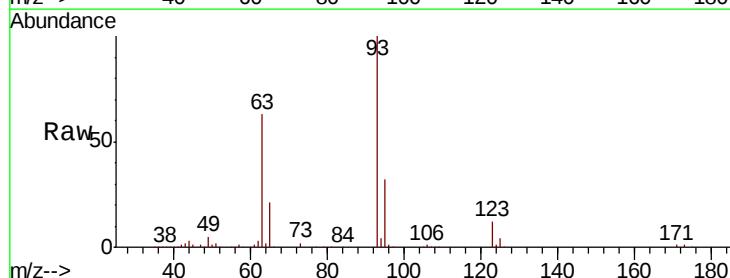
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.462 ng
 RT: 10.10 min Scan# 1193
 Delta R.T. -0.02 min
 Lab File: BG044497.D
 Acq: 19 Feb 2020 20:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.6	40.0
123	12.2	10.0	15.0

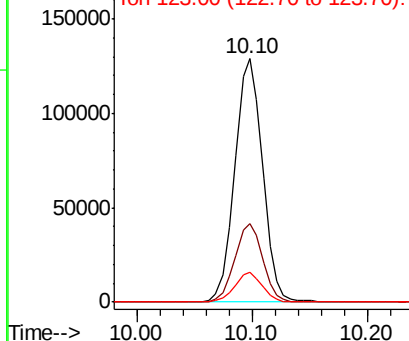
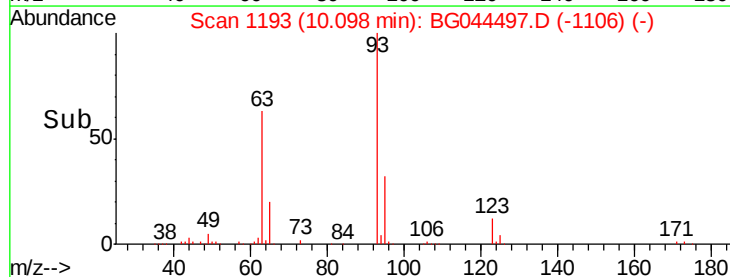


Abundance

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

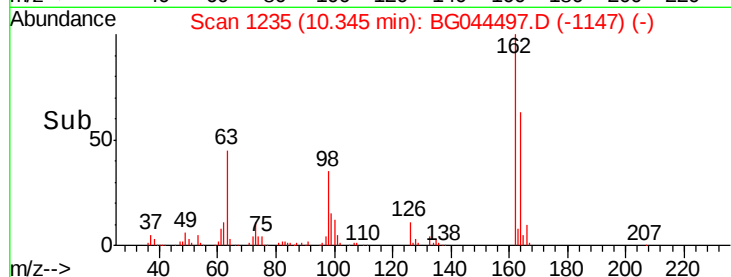
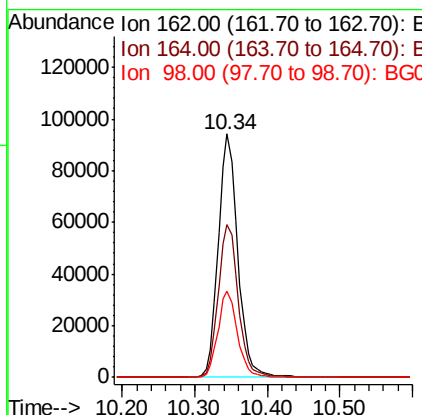
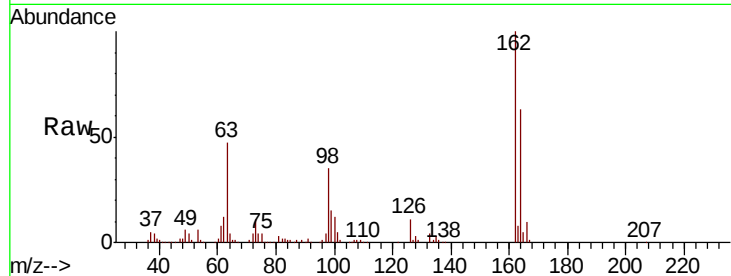




#29
 2,4-Dichlorophenol
 Concen: 50.383 ng
 RT: 10.34 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BG044497.D
 Acq: 19 Feb 2020 20:04

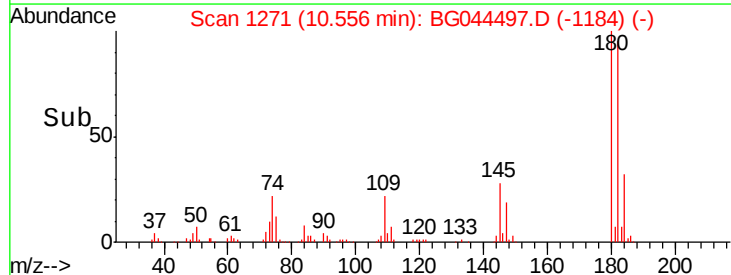
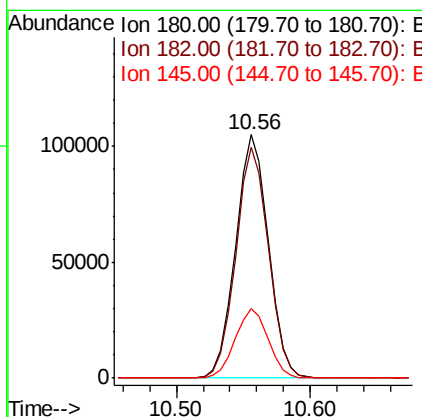
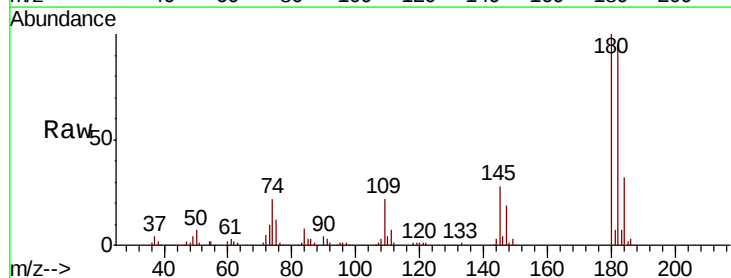
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	162	Resp	176762
Ion	Ratio	Lower	Upper
162	100		
164	63.0	44.7	84.7
98	35.2	15.8	55.8



#30
 1,2,4-Trichlorobenzene
 Concen: 44.175 ng
 RT: 10.56 min Scan# 1271
 Delta R.T. -0.02 min
 Lab File: BG044497.D
 Acq: 19 Feb 2020 20:04

Tgt Ion	180	Resp	177707
Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.5	113.3
145	28.4	22.6	34.0

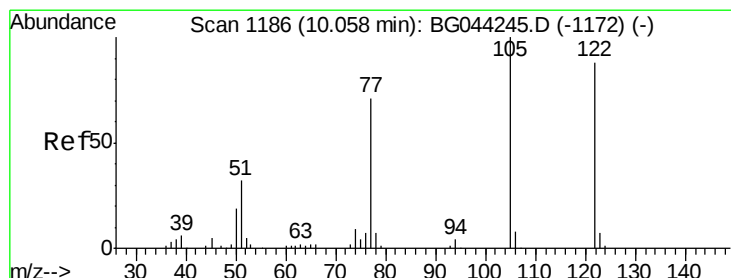
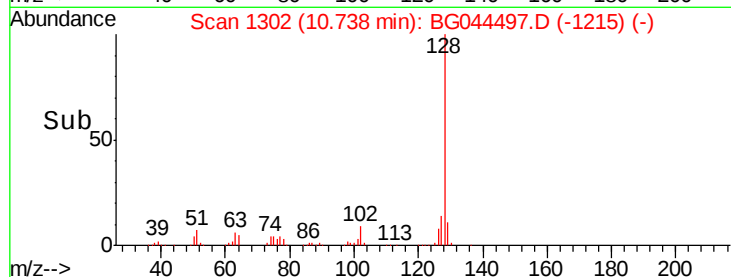
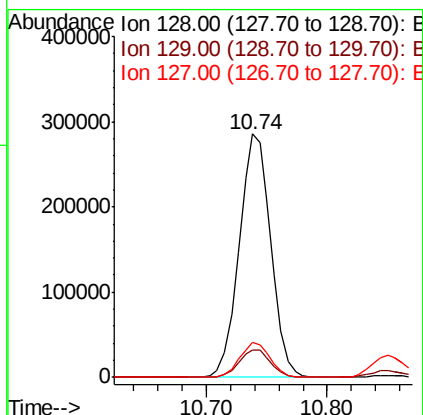
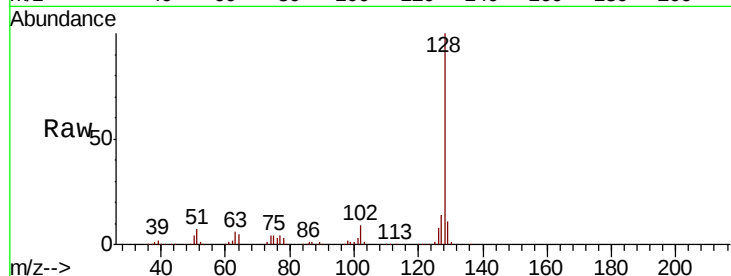




#31
Naphthalene
Concen: 46.544 ng
RT: 10.74 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

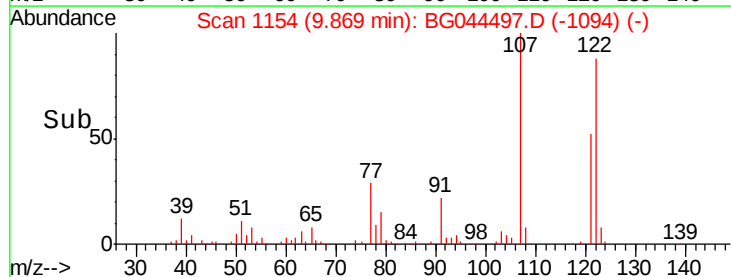
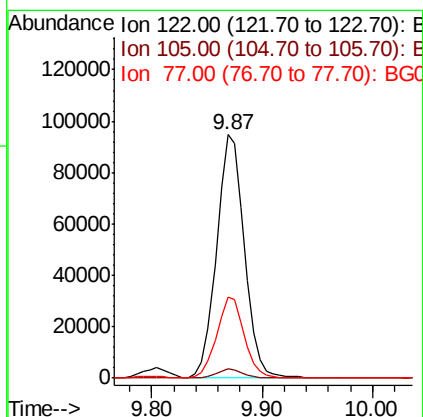
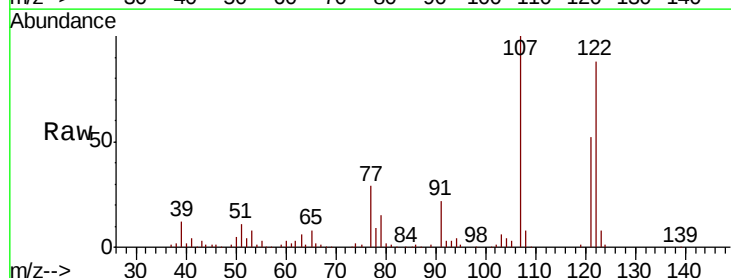
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.3	13.9
127	14.3	11.6	17.4



#32
Benzoic acid
Concen: 75.153 ng
RT: 9.87 min Scan# 1154
Delta R.T. -0.18 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

Tgt Ion	Ratio	Lower	Upper
122	100		
105	3.9	93.5	133.5#
77	33.4	61.0	101.0#

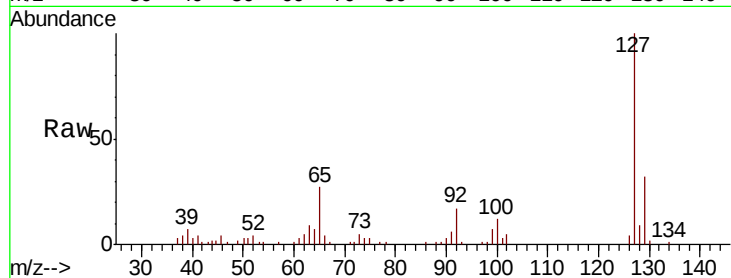




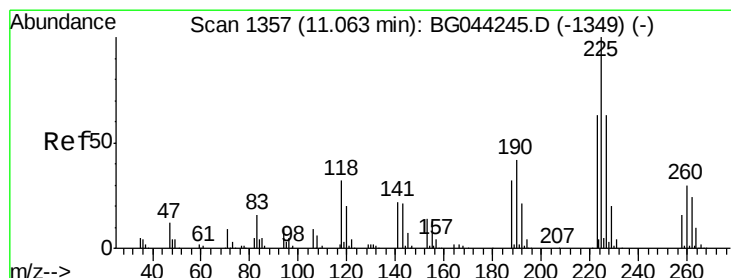
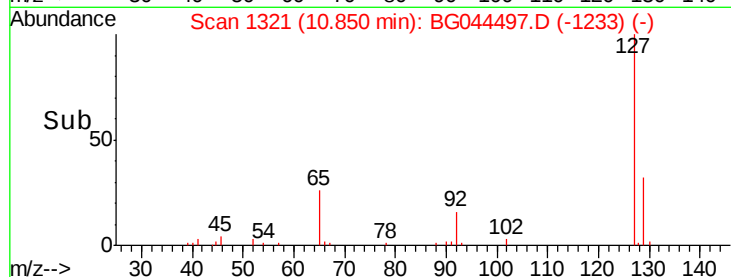
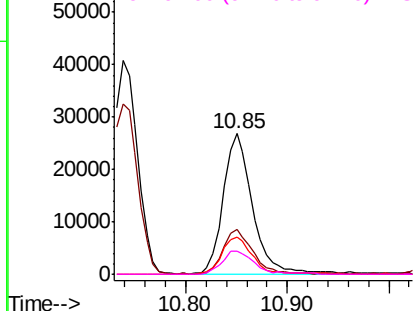
#33
4-Chloroaniline
Concen: 10.691 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	54038
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.6	40.0
65	26.9	22.5	33.7
92	16.8	14.1	21.1

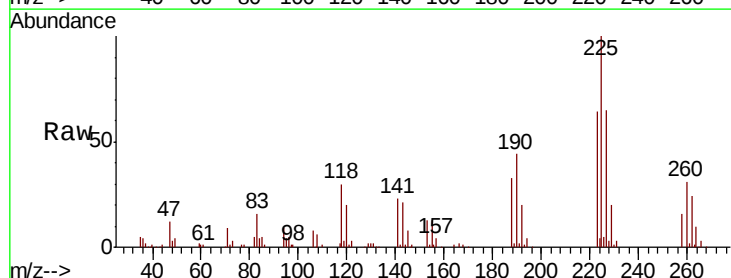


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

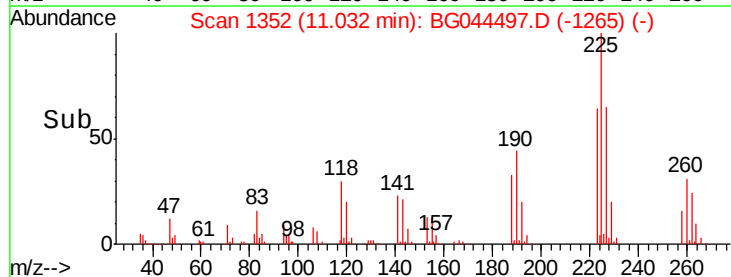
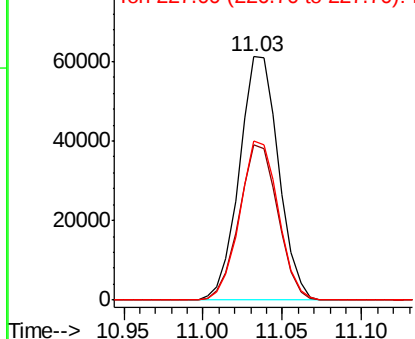


#34
Hexachlorobutadiene
Concen: 42.420 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

Tgt Ion:	225	Resp:	105004
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.2	75.4
227	65.3	50.8	76.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 61.220 ng

RT: 11.61 min Scan# 1451

Delta R.T. -0.02 min

Lab File: BG044497.D

Acq: 19 Feb 2020 20:04

Instrument :

BNA_G

ClientSampled :

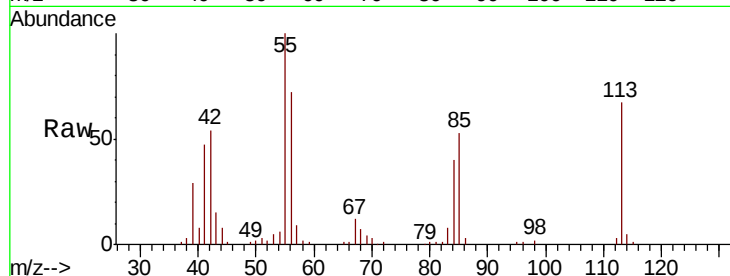
Tot Ion:113 Resp: 78679

Ion Ratio Lower Upper

113 100

55 150.2 129.9 169.9

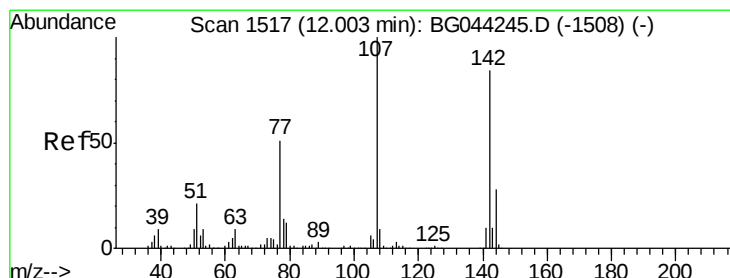
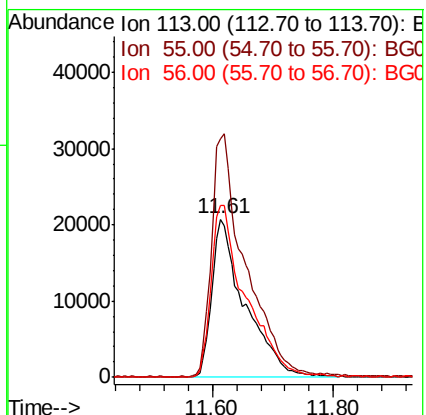
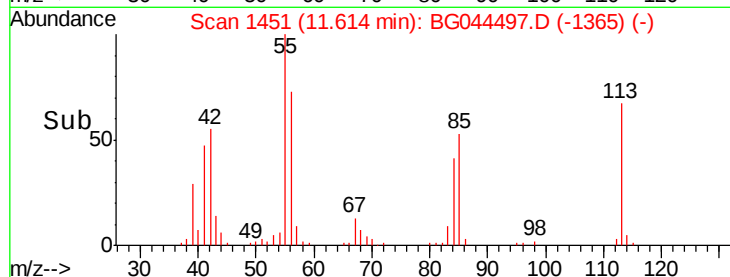
56 108.5 92.5 132.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 51.431 ng

RT: 11.99 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BG044497.D

Acq: 19 Feb 2020 20:04

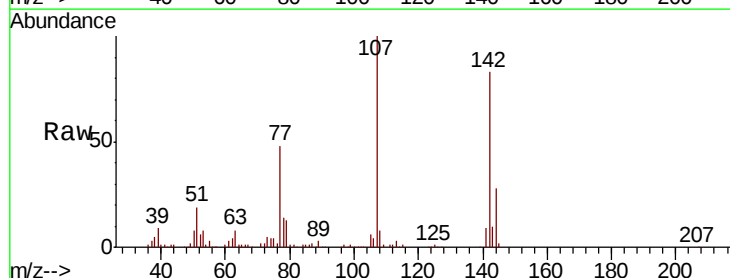
Tgt Ion:107 Resp: 189182

Ion Ratio Lower Upper

107 100

144 27.6 22.2 33.4

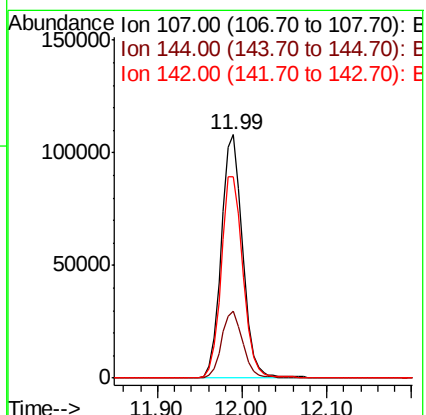
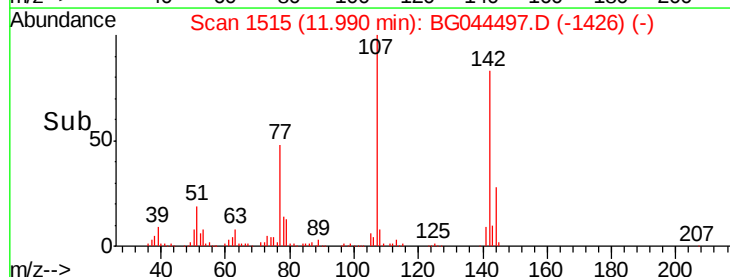
142 83.0 67.4 101.0

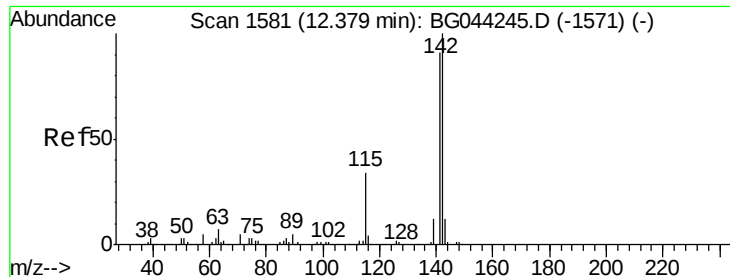


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

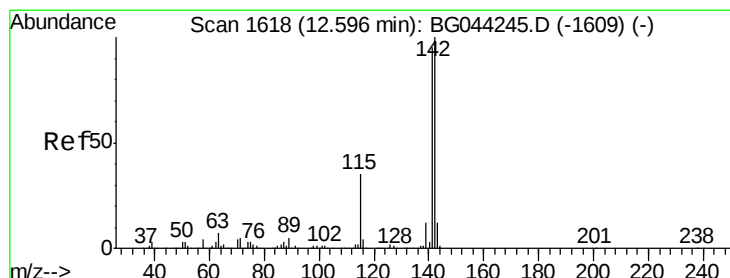
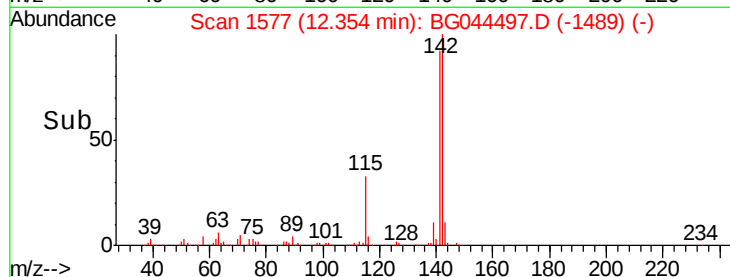
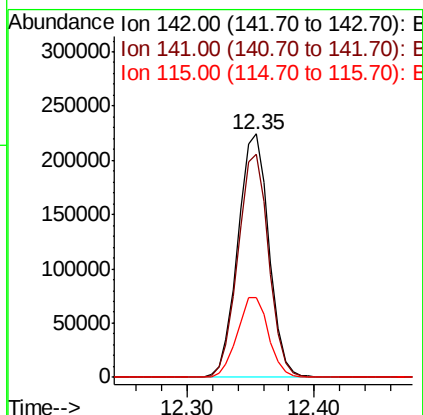
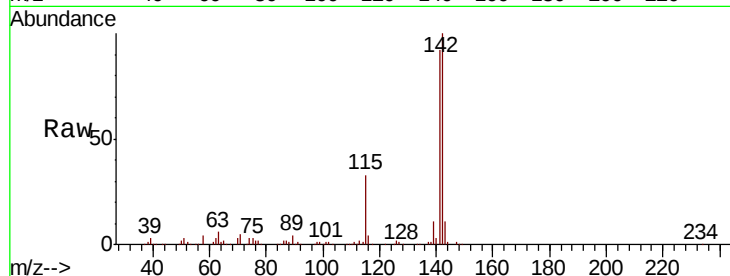




#37
2-Methylnaphthalene
Concen: 46.029 ng
RT: 12.35 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

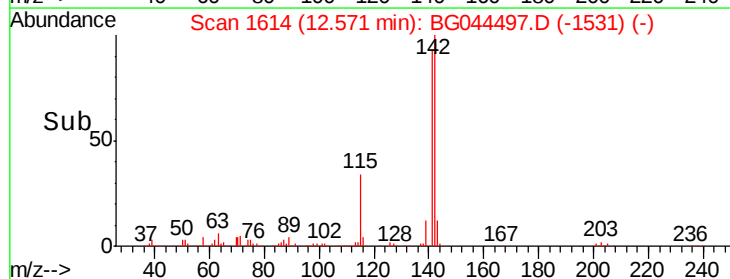
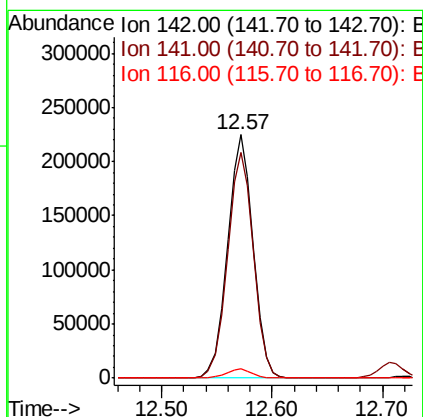
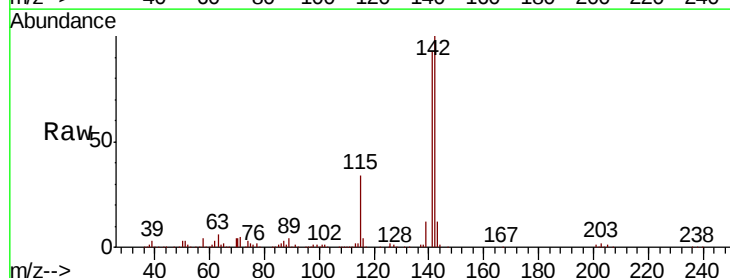
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.2	109.8
115	32.9	27.1	40.7



#38
1-Methylnaphthalene
Concen: 46.668 ng
RT: 12.57 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	75.8	113.6
116	3.7	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.53 min Scan# 1947

Delta R.T. -0.02 min

Lab File: BG044497.D

Acq: 19 Feb 2020 20:04

Instrument :

BNA_G

ClientSampled :

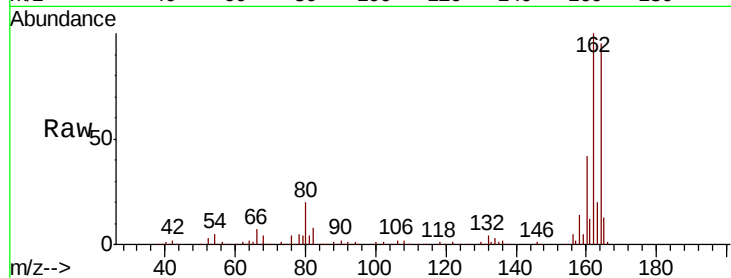
Tot Ion:164 Resp: 150685

Ion Ratio Lower Upper

164 100

162 104.8 80.7 121.1

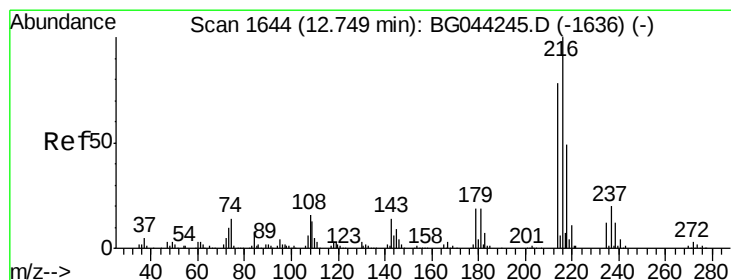
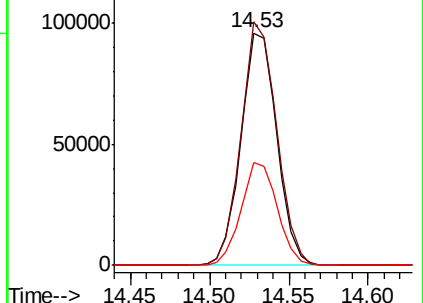
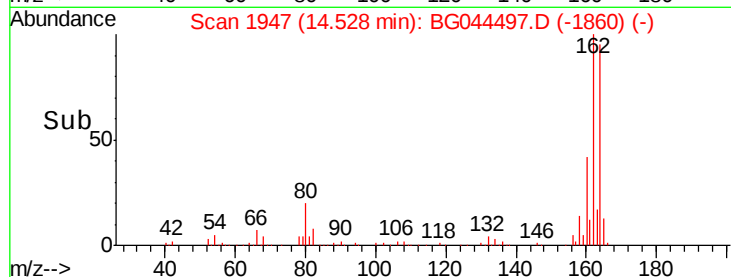
160 44.1 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.799 ng

RT: 12.72 min Scan# 1640

Delta R.T. -0.02 min

Lab File: BG044497.D

Acq: 19 Feb 2020 20:04

Tgt Ion:216 Resp: 192916

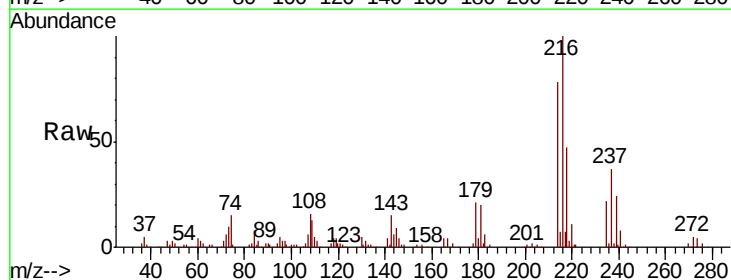
Ion Ratio Lower Upper

216 100

214 78.2 63.0 94.6

179 20.2 16.2 24.4

108 18.1 13.5 20.3

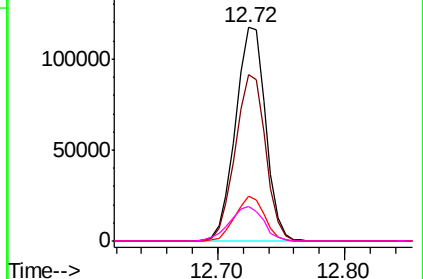
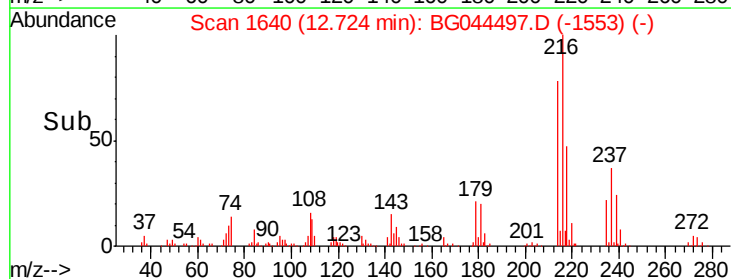


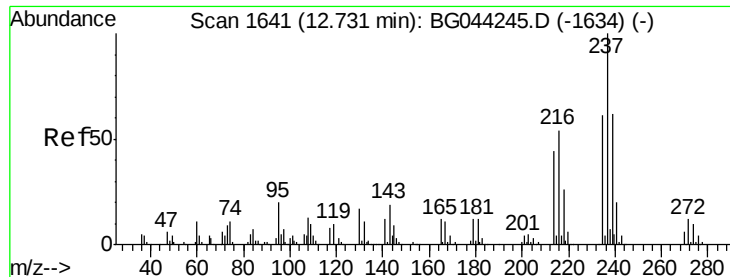
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 92.370 ng

RT: 12.71 min Scan# 1637

Delta R.T. -0.02 min

Lab File: BG044497.D

Acq: 19 Feb 2020 20:04

Instrument :

BNA_G

ClientSampleId :

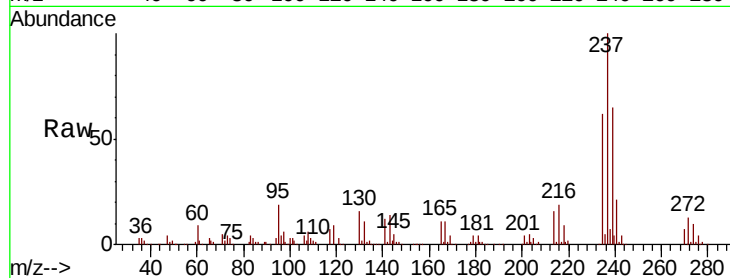
Tot Ion:237 Resp: 199780

Ion Ratio Lower Upper

237 100

235 61.5 41.2 81.2

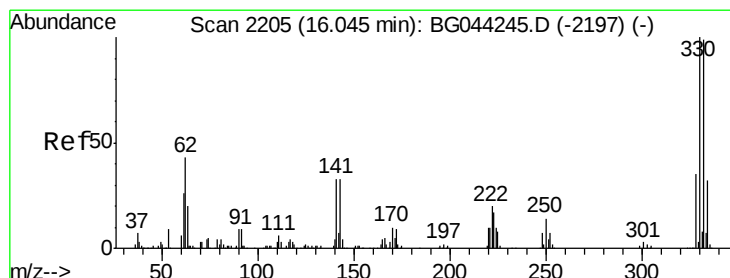
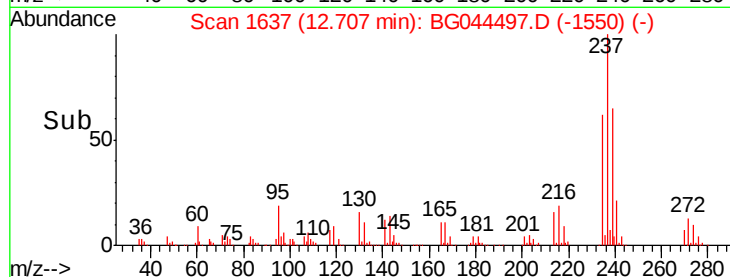
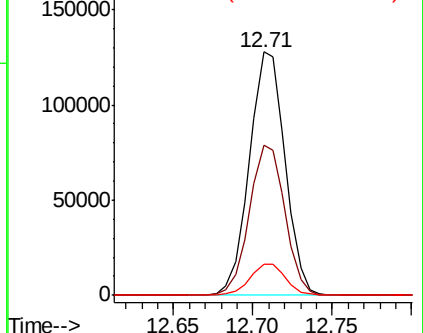
272 12.9 0.0 32.4



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: 112.372 ng

RT: 16.03 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG044497.D

Acq: 19 Feb 2020 20:04

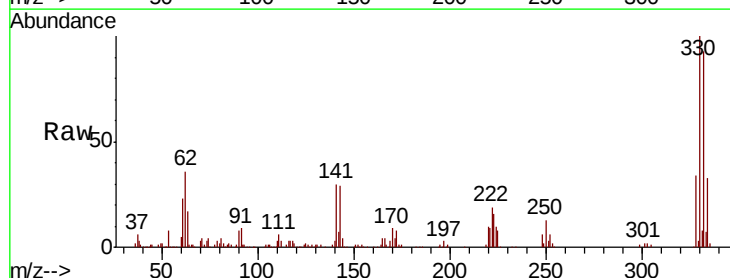
Tgt Ion:330 Resp: 198781

Ion Ratio Lower Upper

330 100

332 96.3 77.2 115.8

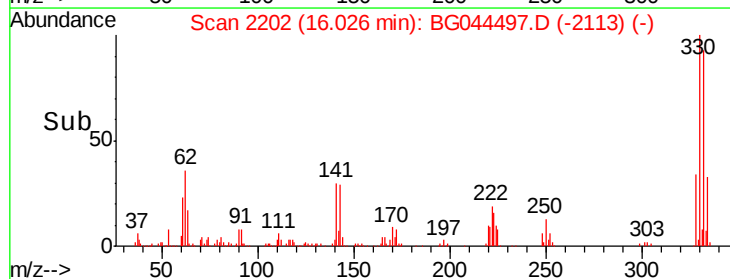
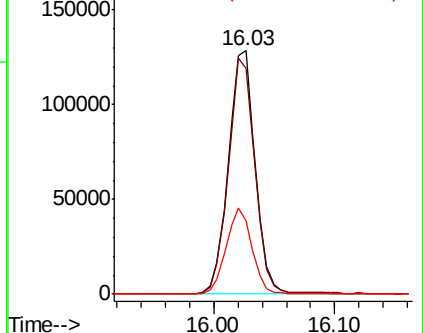
141 34.4 28.3 42.5



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

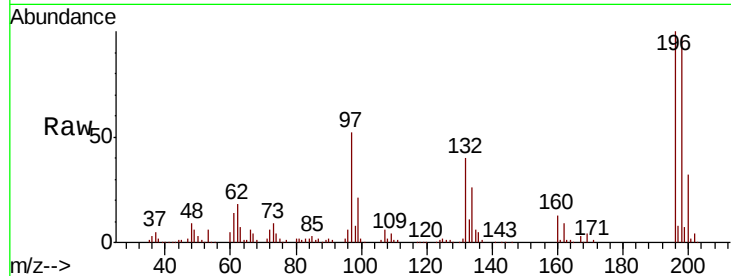




#43
 2,4,6-Trichlorophenol
 Concen: 52.003 ng
 RT: 12.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG044497.D
 Acq: 19 Feb 2020 20:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	196	Resp	151513
Ion	Ratio	Lower	Upper
196	100		
198	97.4	79.3	118.9
200	31.8	25.7	38.5

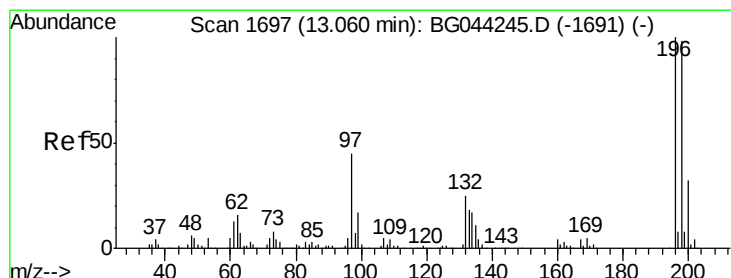
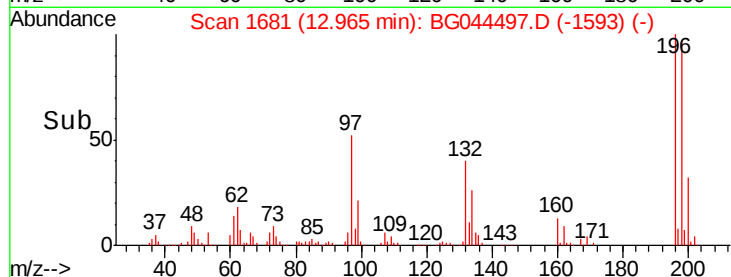
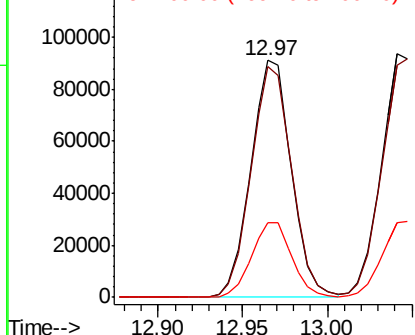


Abundance

Ion 196.00 (195.70 to 196.70): E

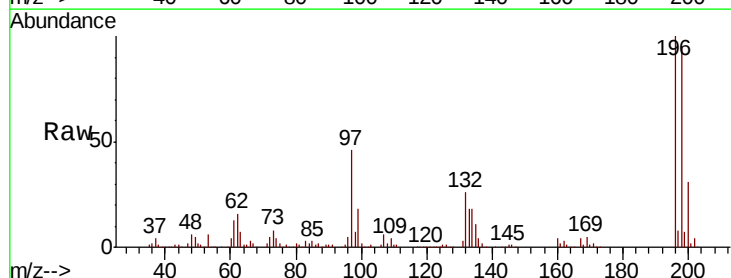
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 55.841 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. -0.01 min
 Lab File: BG044497.D
 Acq: 19 Feb 2020 20:04

Tgt Ion	196	Resp	166176
Ion	Ratio	Lower	Upper
196	100		
198	95.4	78.2	117.2
97	46.4	36.2	54.4
132	25.7	20.2	30.4



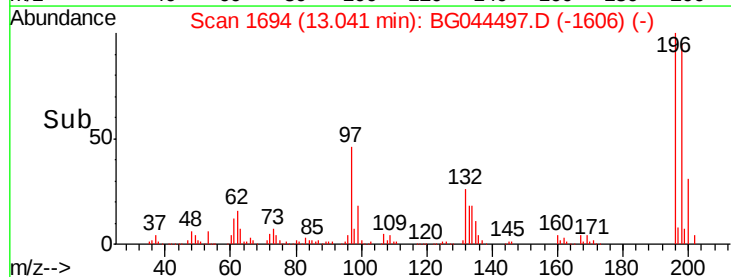
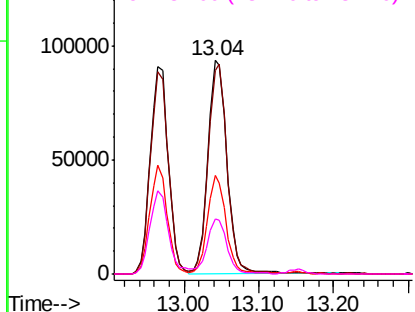
Abundance

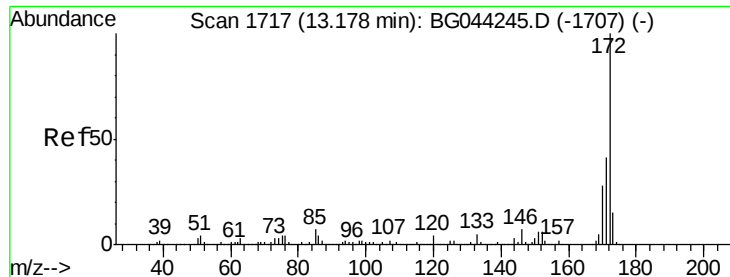
Ion 196.00 (195.70 to 196.70): E

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

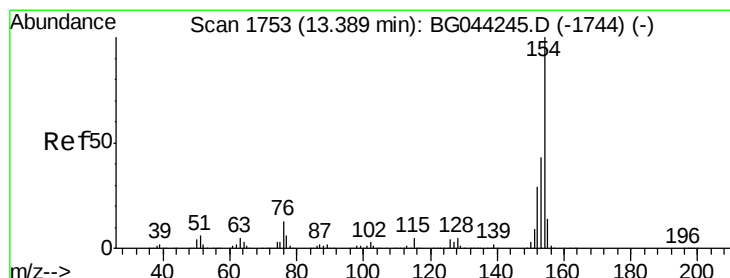
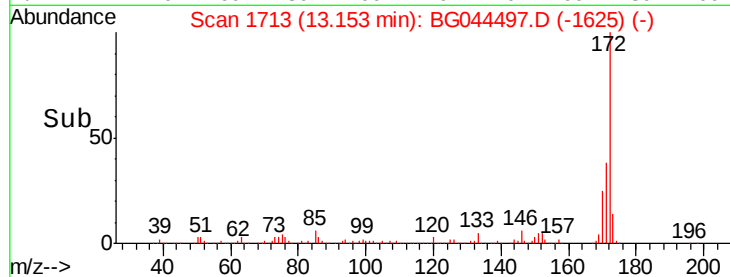
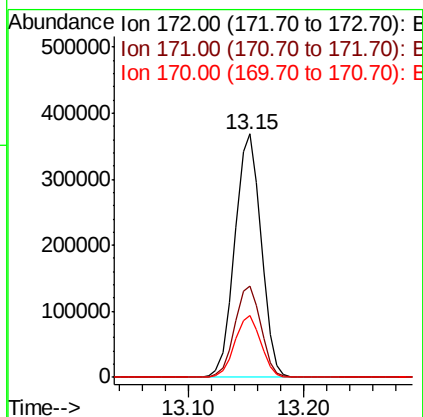
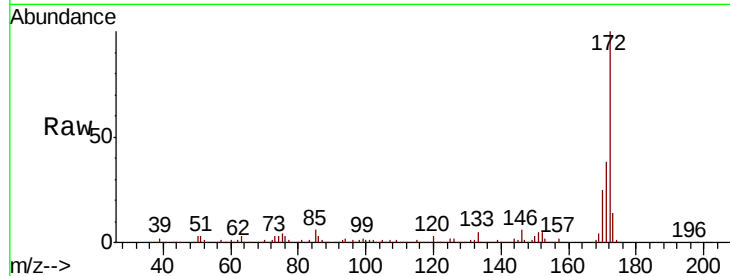




#45
2-Fluorobiphenyl
Concen: 64.473 ng
RT: 13.15 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

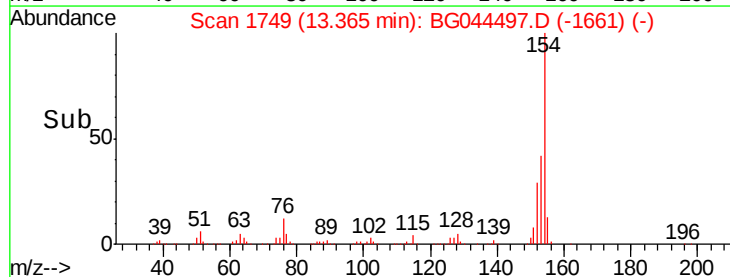
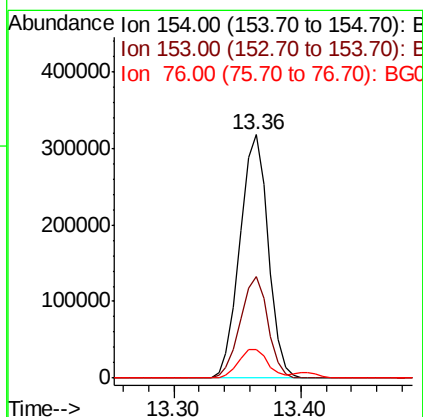
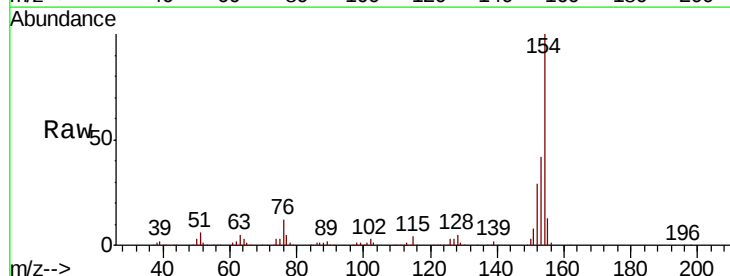
Instrument :
BNA_G
ClientSampleId :

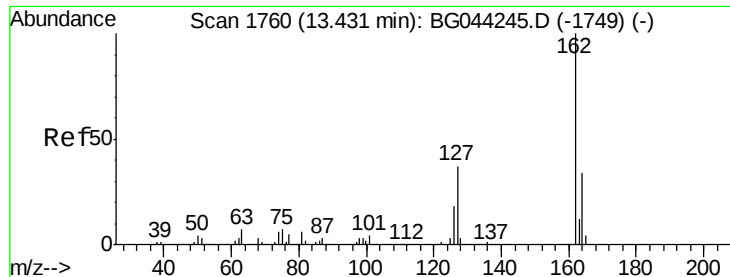
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	32.9	49.3
170	25.2	22.0	33.0



#46
1,1'-Biphenyl
Concen: 45.058 ng
RT: 13.36 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	22.7	62.7
76	11.8	0.0	32.9

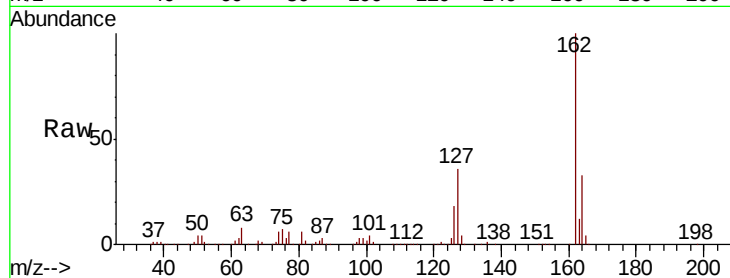




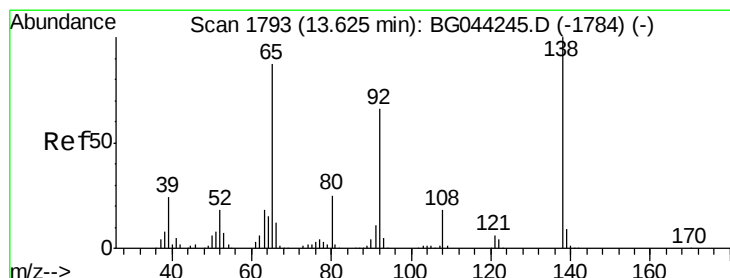
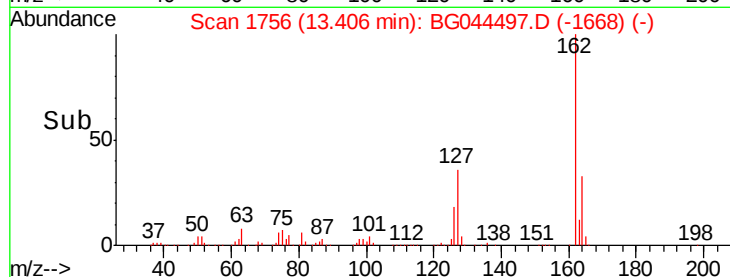
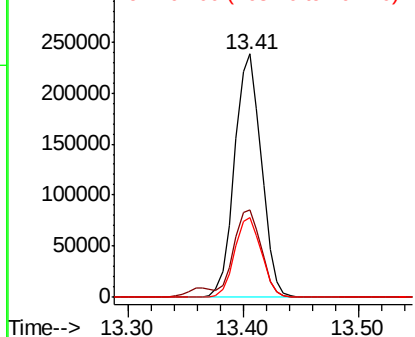
#47
 2-Chloronaphthalene
 Concen: 44.142 ng
 RT: 13.41 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG044497.D
 Acq: 19 Feb 2020 20:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 381784
 Ion Ratio Lower Upper
 162 100
 127 36.1 30.0 45.0
 164 32.9 27.2 40.8

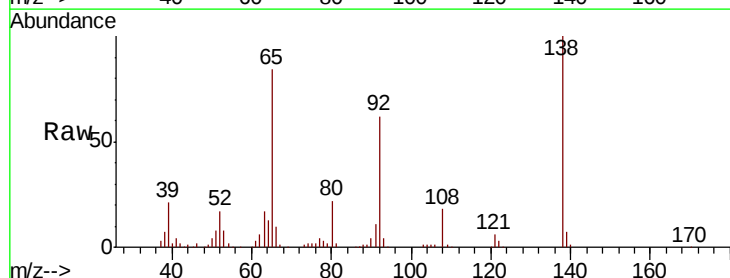


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

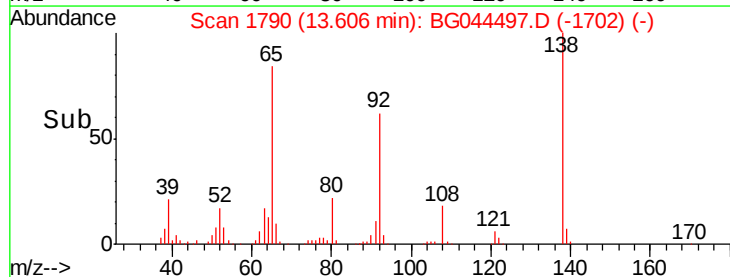
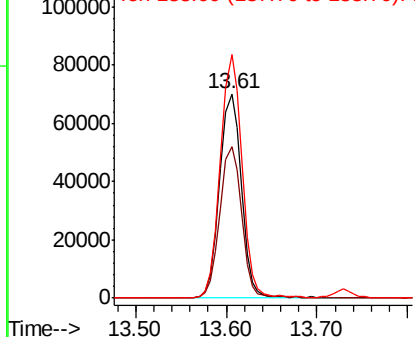


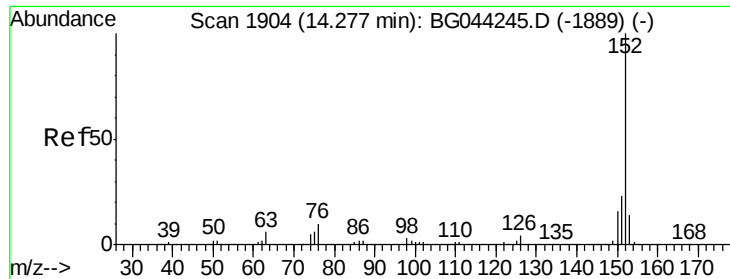
#48
 2-Nitroaniline
 Concen: 46.275 ng
 RT: 13.61 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BG044497.D
 Acq: 19 Feb 2020 20:04

Tgt Ion: 65 Resp: 118118
 Ion Ratio Lower Upper
 65 100
 92 74.0 60.3 90.5
 138 119.0 91.9 137.9



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 48.527 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG044497.D

Acq: 19 Feb 2020 20:04

Instrument :

BNA_G

ClientSampled :

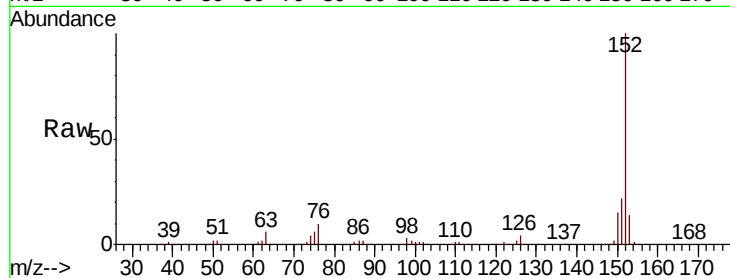
Tot Ion:152 Resp: 615609

Ion Ratio Lower Upper

152 100

151 21.9 18.1 27.1

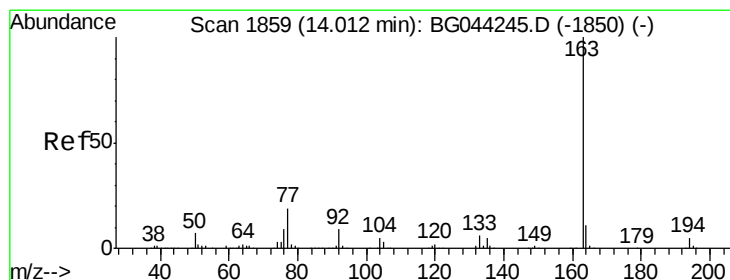
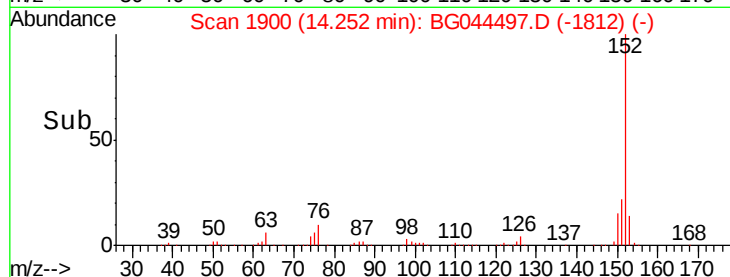
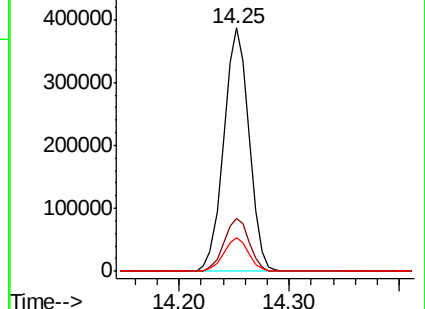
153 13.9 11.5 17.3



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: 49.250 ng

RT: 13.99 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BG044497.D

Acq: 19 Feb 2020 20:04

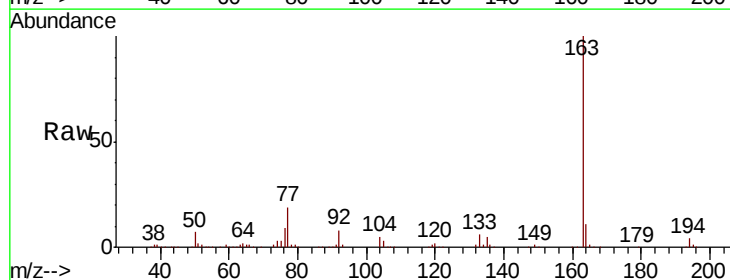
Tgt Ion:163 Resp: 533463

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

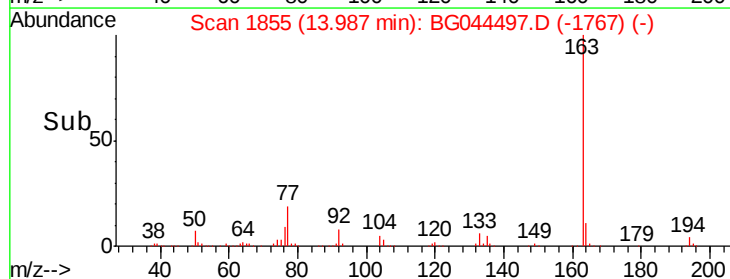
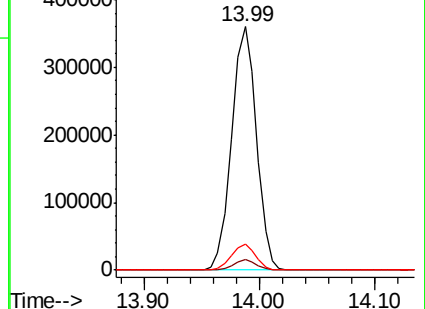
164 10.7 8.7 13.1

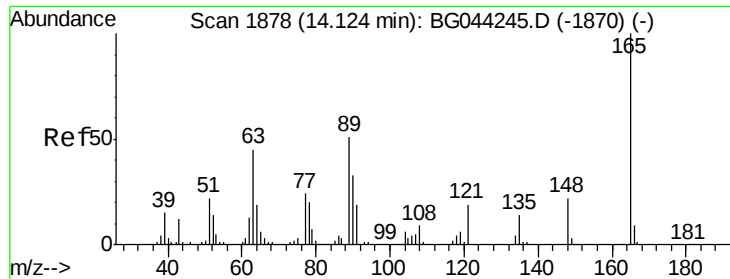


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

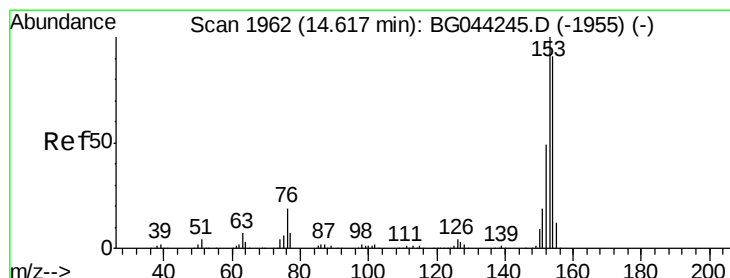
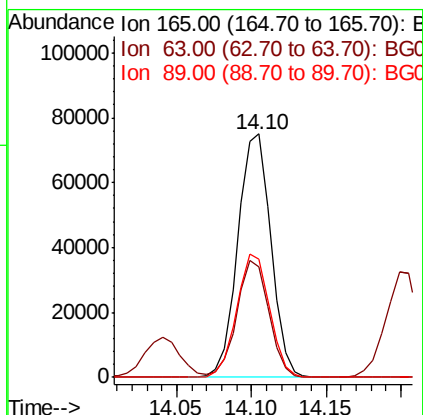
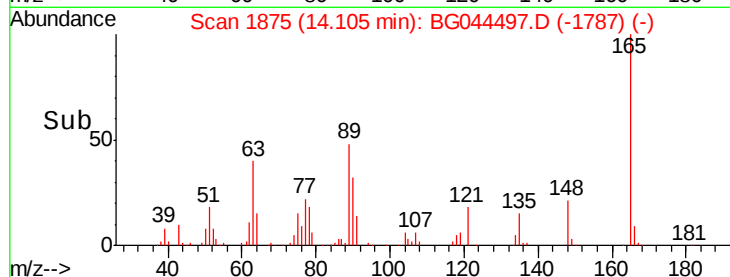
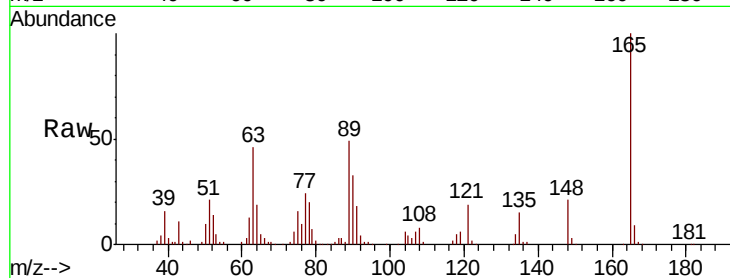




#51
 2,6-Dinitrotoluene
 Concen: 47.726 ng
 RT: 14.10 min Scan# 1875
 Delta R.T. -0.01 min
 Lab File: BG044497.D
 Acq: 19 Feb 2020 20:04

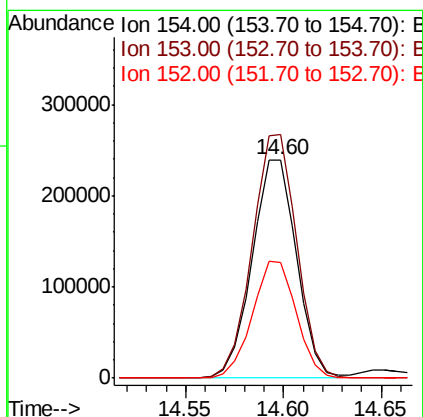
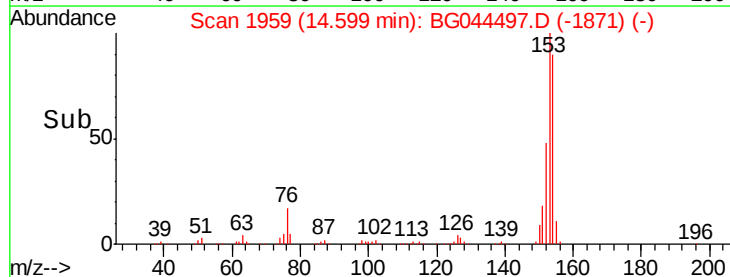
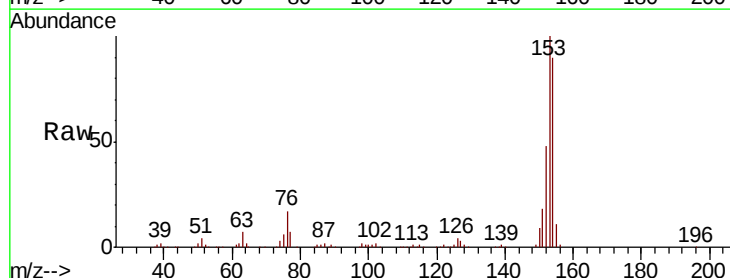
Instrument :
 BNA_G
 ClientSampleId :

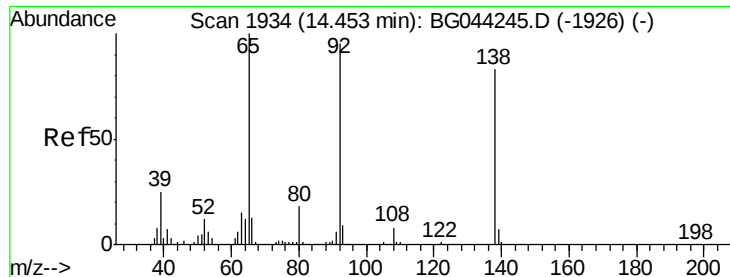
Tot Ion:165 Resp: 115262
 Ion Ratio Lower Upper
 165 100
 63 45.6 38.7 58.1
 89 48.7 40.4 60.6



#52
 Acenaphthene
 Concen: 45.768 ng
 RT: 14.60 min Scan# 1959
 Delta R.T. -0.01 min
 Lab File: BG044497.D
 Acq: 19 Feb 2020 20:04

Tgt Ion:154 Resp: 376333
 Ion Ratio Lower Upper
 154 100
 153 111.4 87.9 131.9
 152 53.0 43.1 64.7

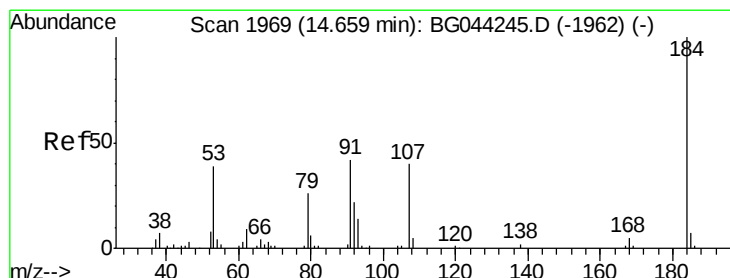
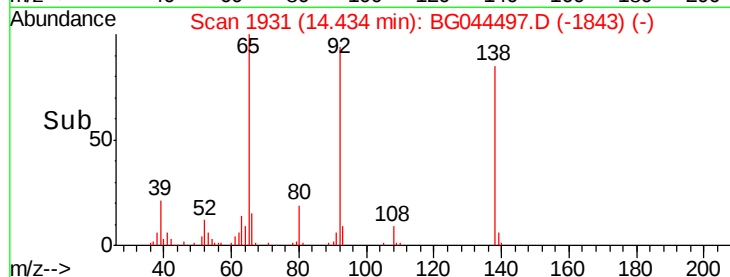
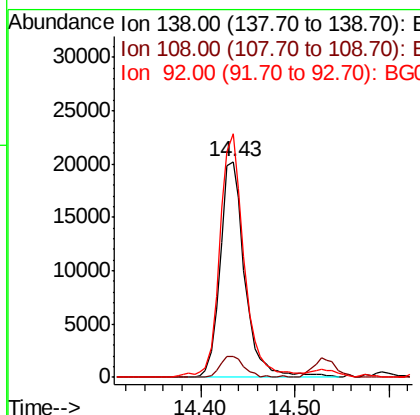
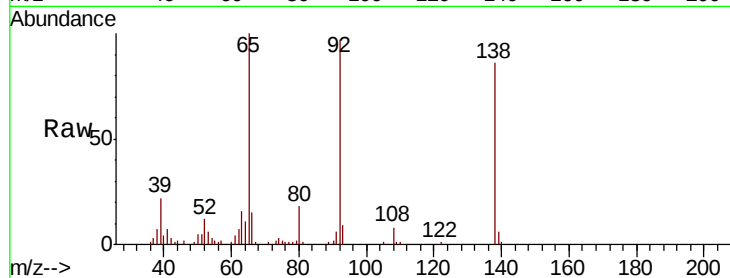




#53
3-Nitroaniline
Concen: 13.811 ng
RT: 14.43 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

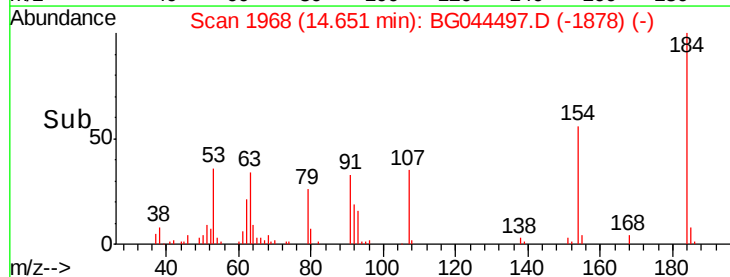
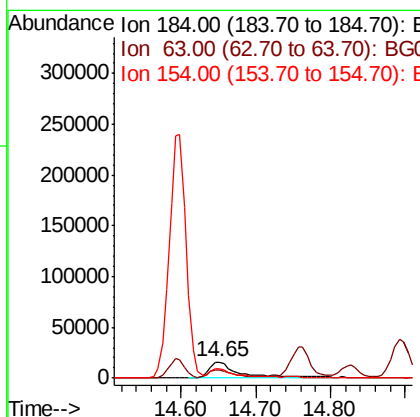
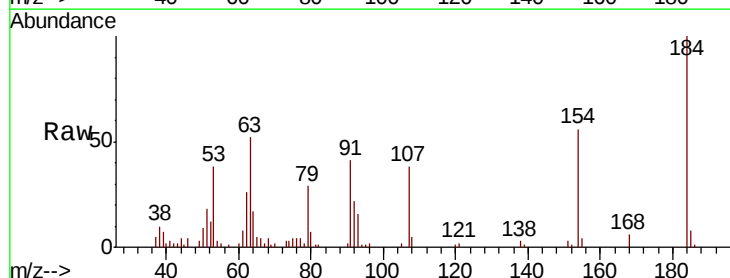
Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 36902
Ion Ratio Lower Upper
138 100
108 9.9 7.9 11.9
92 112.8 91.0 136.4



#54
2,4-Dinitrophenol
Concen: 37.436 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

Tgt Ion:184 Resp: 47155
Ion Ratio Lower Upper
184 100
63 51.7 44.1 66.1
154 56.1 45.4 68.0

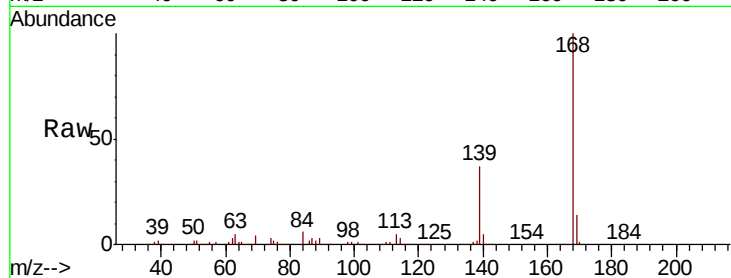




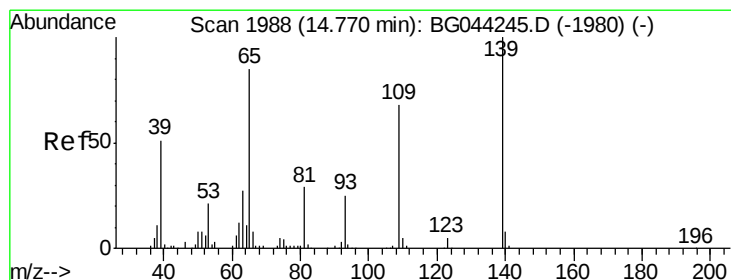
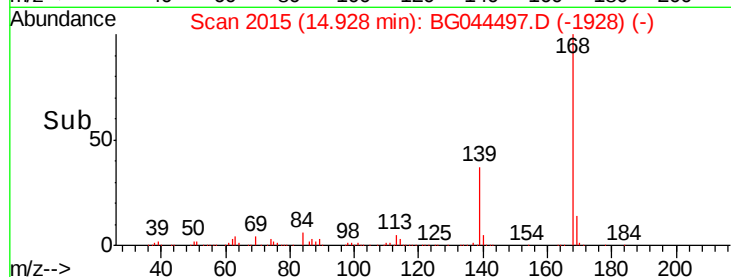
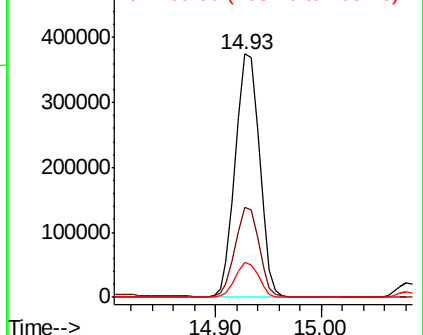
#55
Dibenzofuran
Concen: 47.773 ng
RT: 14.93 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

Instrument :
BNA_G
ClientSampled :

Tot Ion:168 Resp: 594744
Ion Ratio Lower Upper
168 100
139 36.9 30.5 45.7
169 14.2 11.7 17.5

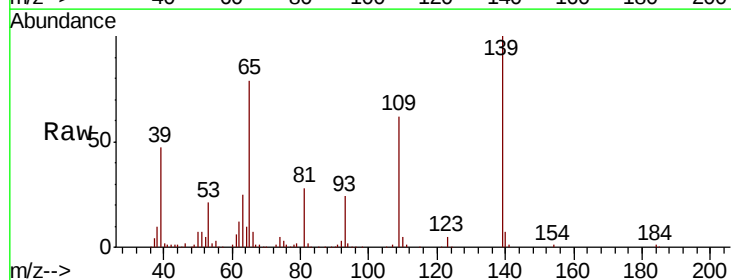


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

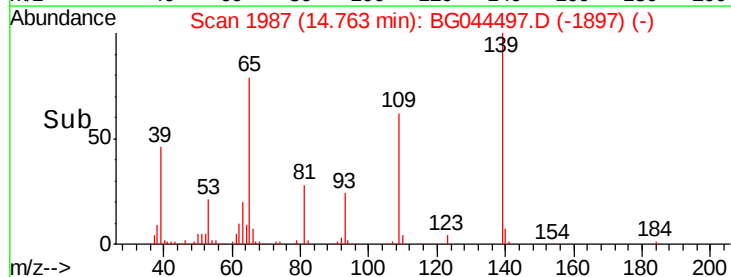
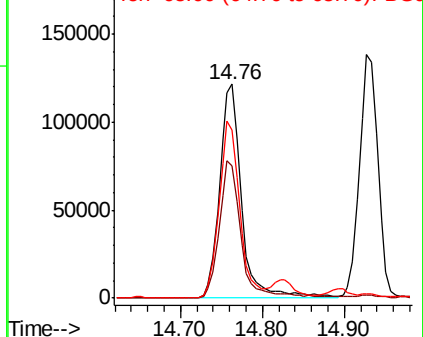


#56
4-Nitrophenol
Concen: 115.992 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

Tgt Ion:139 Resp: 227020
Ion Ratio Lower Upper
139 100
109 62.0 47.5 87.5
65 79.0 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

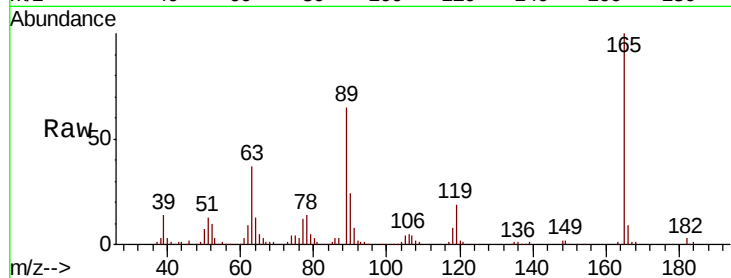




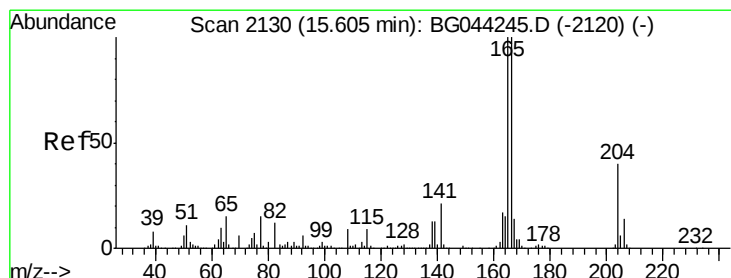
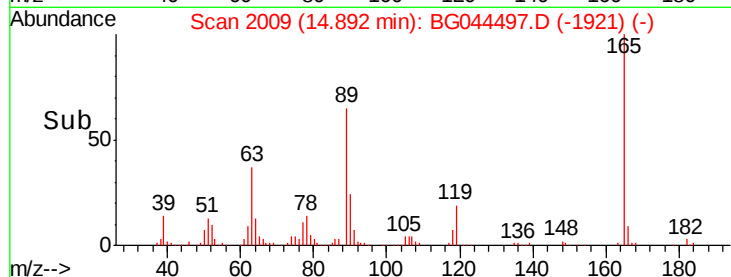
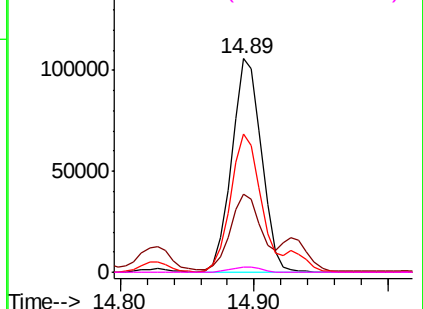
#57
2,4-Dinitrotoluene
Concen: 48.508 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

Instrument :
BNA_G
ClientSampled :

Tot Ion:165	Resp:	164197
Ion Ratio	Lower	Upper
165	100	
63	36.6	30.3 45.5
89	64.6	53.4 80.2
182	2.7	2.1 3.1

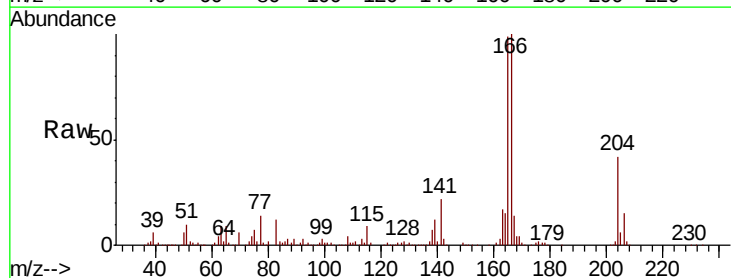


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

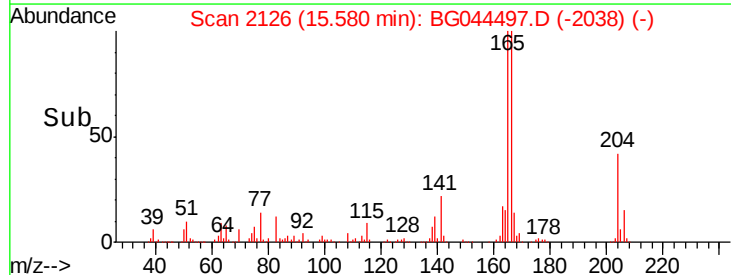
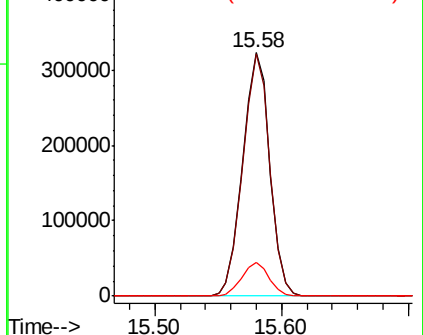


#58
Fluorene
Concen: 48.862 ng
RT: 15.58 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

Tgt Ion:166	Resp:	479114
Ion Ratio	Lower	Upper
166	100	
165	99.4	79.9 119.9
167	13.9	11.4 17.0



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

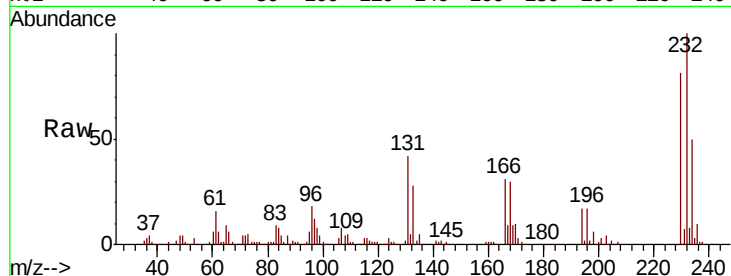




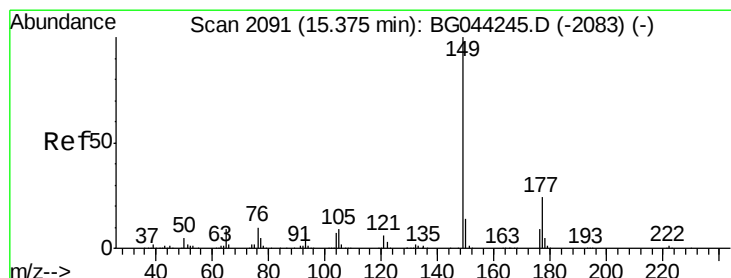
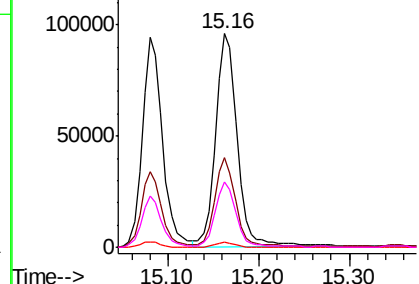
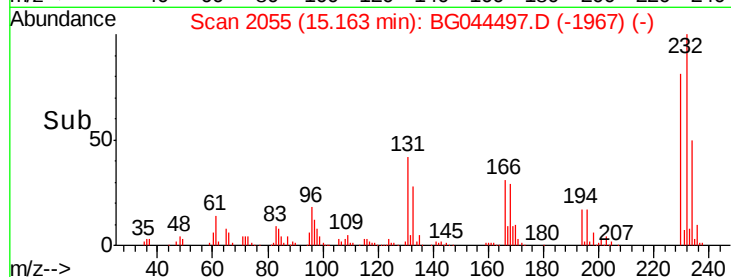
#59
2,3,4,6-Tetrachlorophenol
Concen: 58.344 ng
RT: 15.16 min Scan# 2055
Delta R.T. -0.01 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

Instrument :
BNA_G
ClientSampled :

Tot Ion:232 Resp: 156829
Ion Ratio Lower Upper
232 100
131 40.2 34.2 51.4
130 2.3 1.8 2.8
166 29.6 23.8 35.8

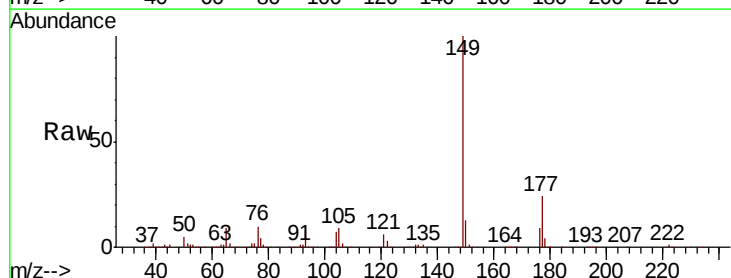


Abundance Ion 232.00 (231.70 to 232.70): E
150000
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

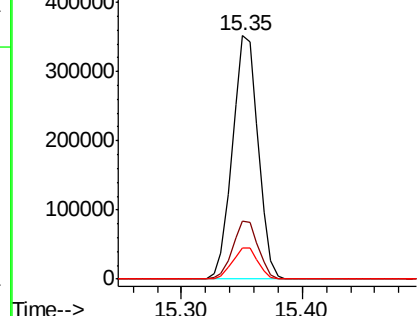
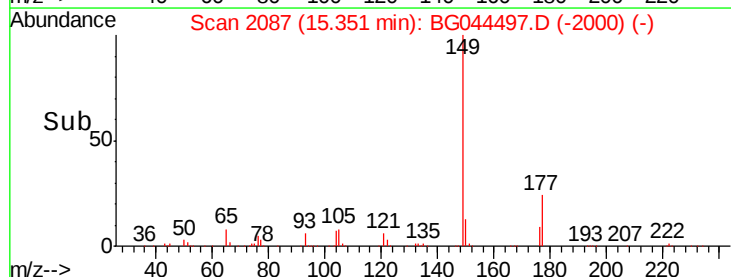


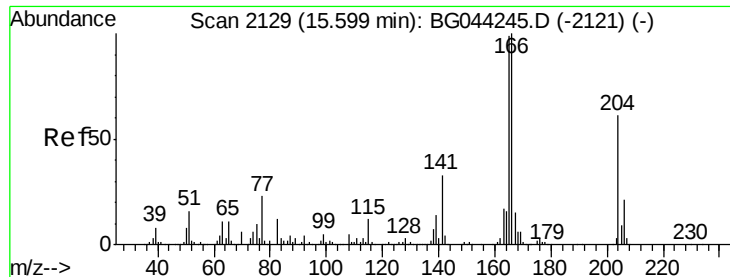
#60
Diethylphthalate
Concen: 48.159 ng
RT: 15.35 min Scan# 2087
Delta R.T. -0.02 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

Tgt Ion:149 Resp: 519782
Ion Ratio Lower Upper
149 100
177 23.6 19.4 29.0
150 12.8 10.9 16.3



Abundance Ion 149.00 (148.70 to 149.70): E
400000
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

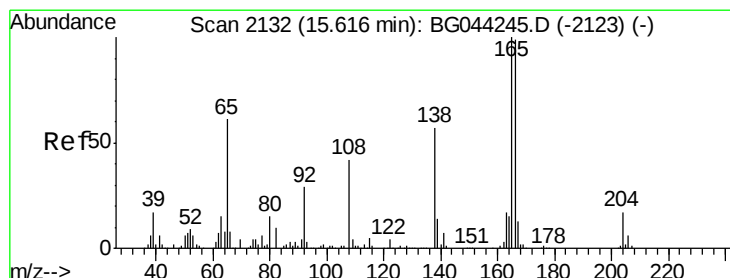
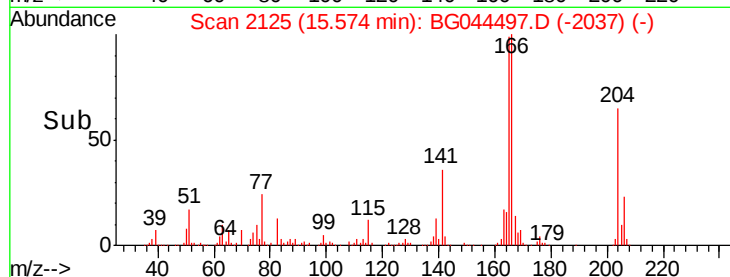
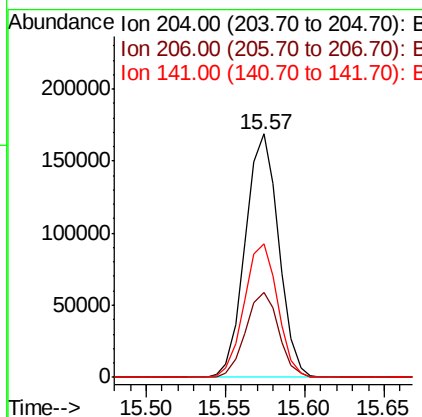
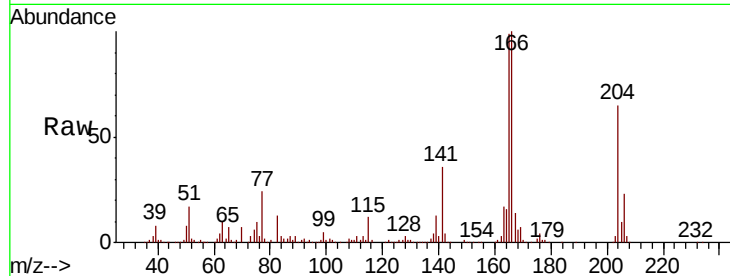




#61
 4-Chlorophenyl-phenylether
 Concen: 46.519 ng
 RT: 15.57 min Scan# 2125
 Delta R.T. -0.01 min
 Lab File: BG044497.D
 Acq: 19 Feb 2020 20:04

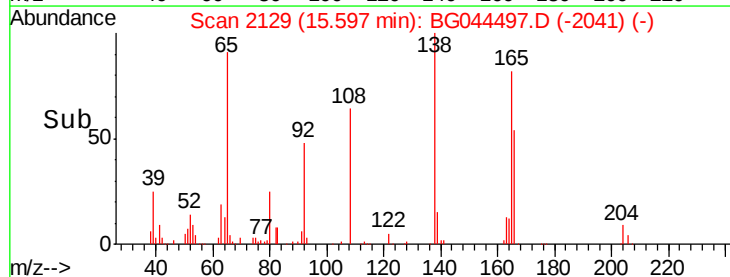
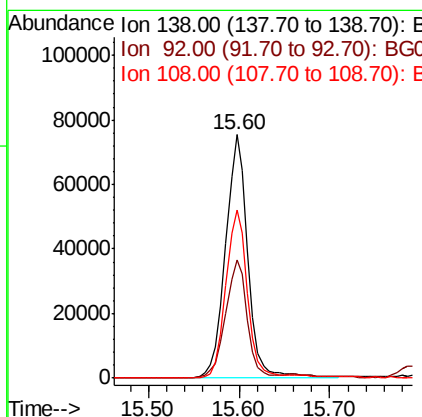
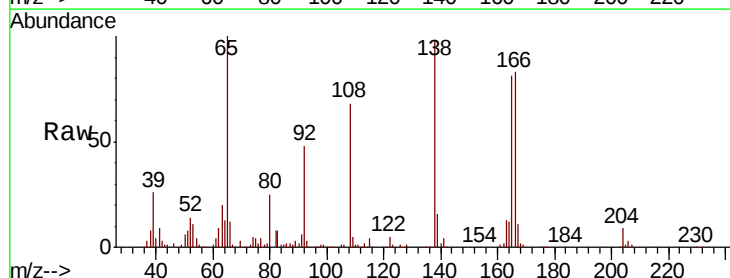
Instrument :
 BNA_G
 ClientSampled :

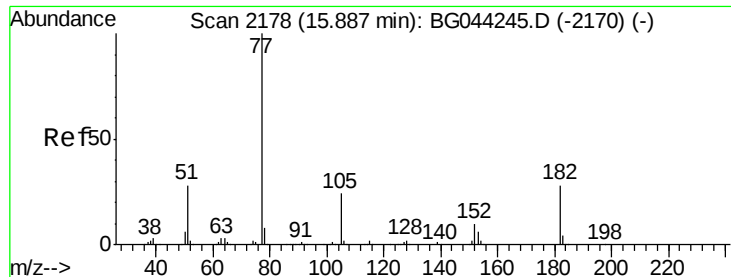
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.8	27.6	41.4
141	54.9	43.4	65.0



#62
 4-Nitroaniline
 Concen: 48.397 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BG044497.D
 Acq: 19 Feb 2020 20:04

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.6	31.3	71.3
108	68.8	52.6	92.6





#63

Azobenzene

Concen: 48.269 ng

RT: 15.87 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BG044497.D

Acq: 19 Feb 2020 20:04

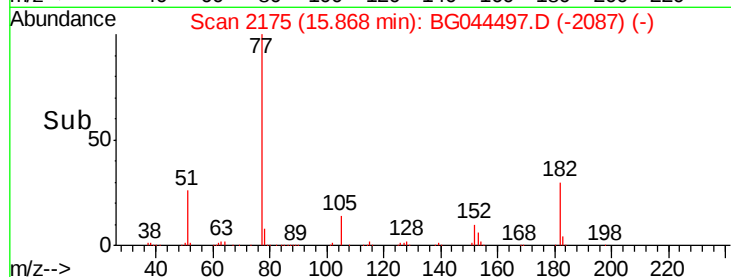
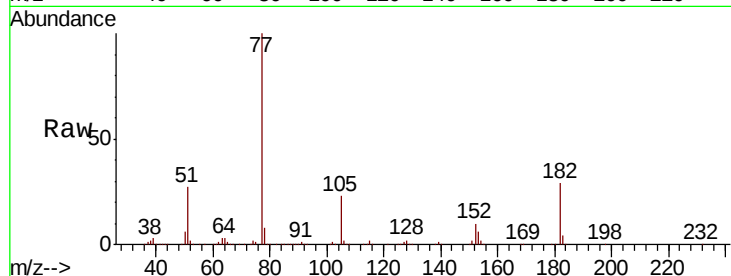
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 456589

Ion	Ratio	Lower	Upper
77	100		
182	28.5	8.2	48.2
105	22.8	3.6	43.6
51	27.4	8.3	48.3

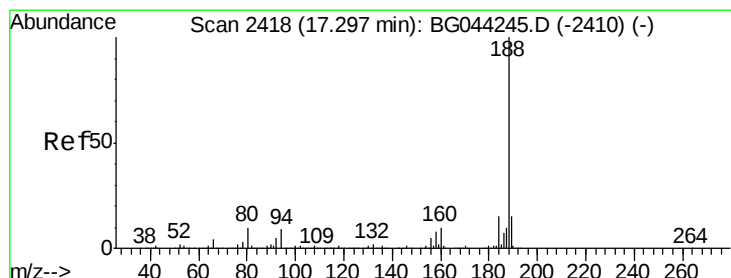


Abundance Ion 77.00 (76.70 to 77.70): BGC

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

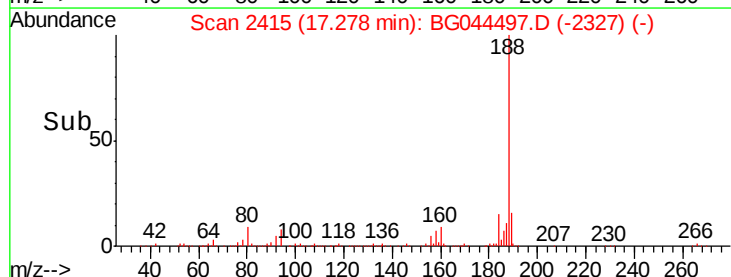
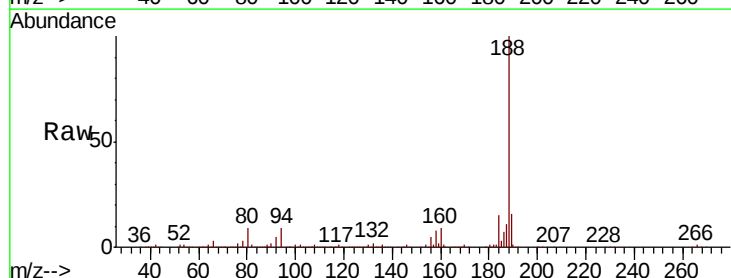
Delta R.T. -0.01 min

Lab File: BG044497.D

Acq: 19 Feb 2020 20:04

Tgt Ion: 188 Resp: 362733

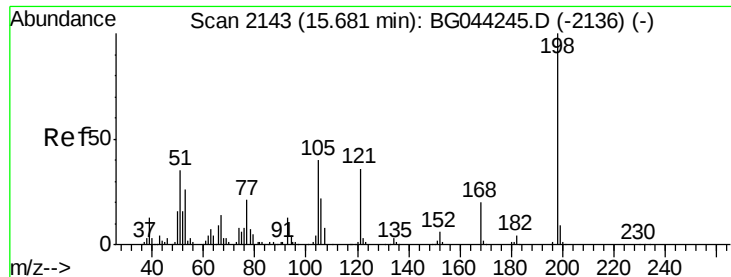
Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.4	11.2
80	9.4	7.7	11.5



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: 38.982 ng

RT: 15.66 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BG044497.D

Acq: 19 Feb 2020 20:04

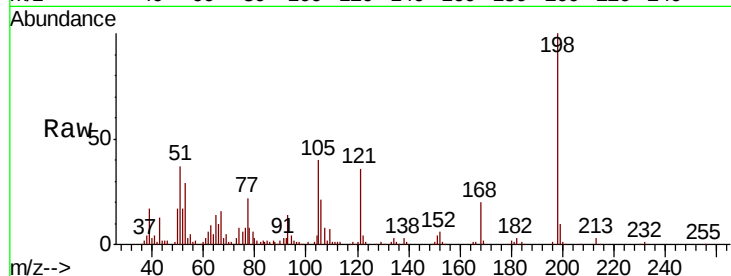
Instrument :

BNA_G

ClientSampled :

Tot Ion:198 Resp: 78053

Ion	Ratio	Lower	Upper
198	100		
51	37.3	16.6	56.6
105	39.7	20.6	60.6

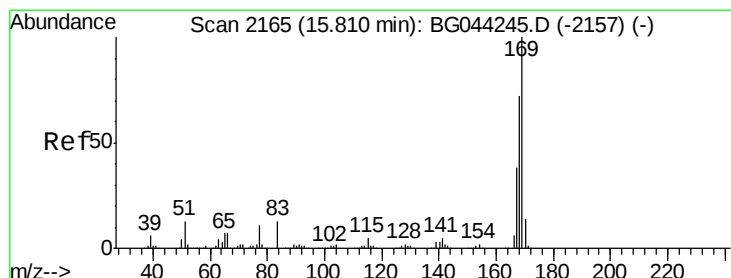
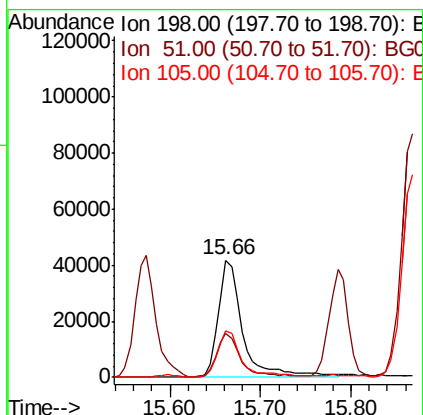
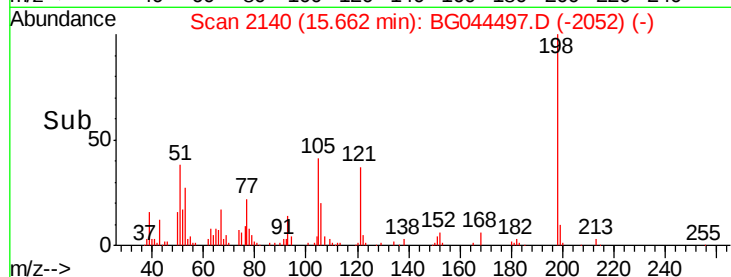


Abundance

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: 45.262 ng

RT: 15.79 min Scan# 2161

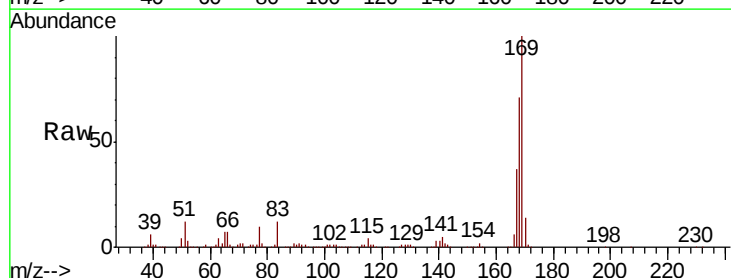
Delta R.T. -0.02 min

Lab File: BG044497.D

Acq: 19 Feb 2020 20:04

Tgt Ion:169 Resp: 460110

Ion	Ratio	Lower	Upper
169	100		
168	71.5	57.9	86.9
167	36.8	30.7	46.1

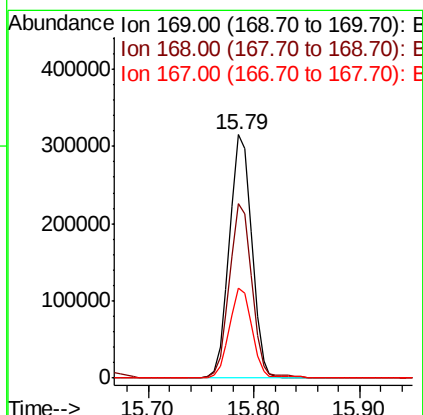
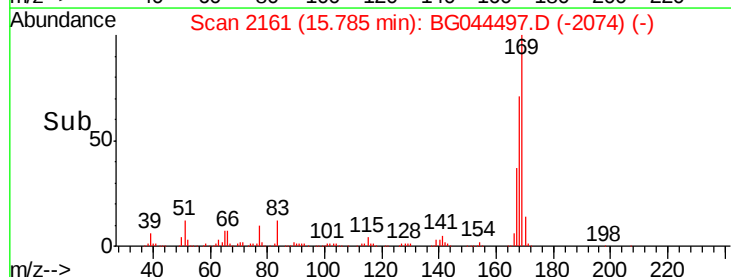


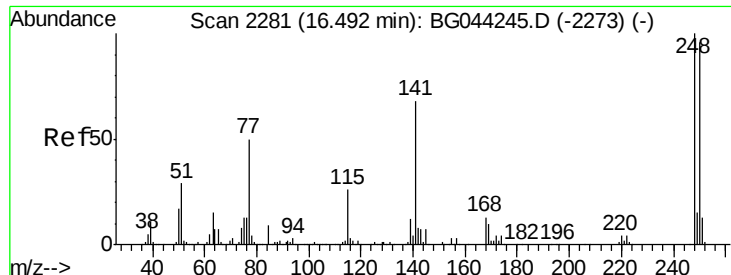
Abundance

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

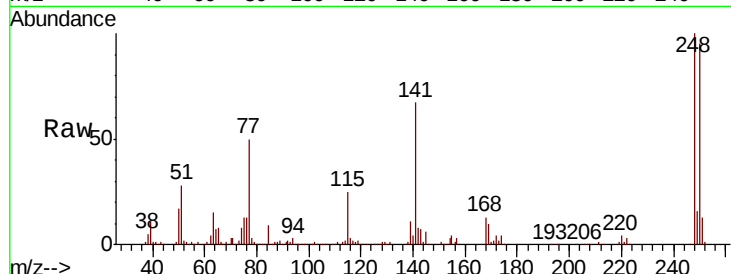




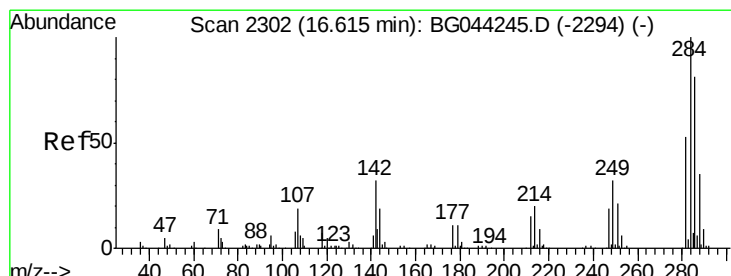
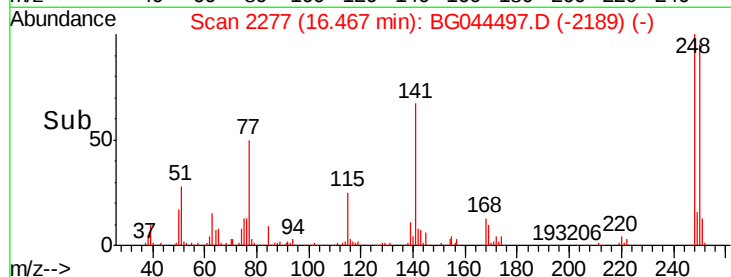
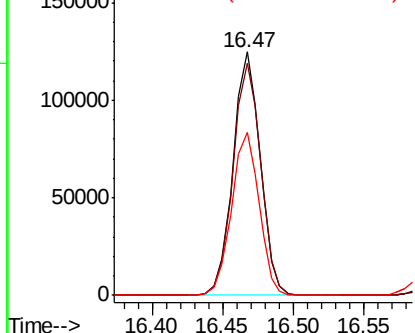
#67
4-Bromophenyl-phenylether
Concen: 42.388 ng
RT: 16.47 min Scan# 2277
Delta R.T. -0.01 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 167516
Ion Ratio Lower Upper
248 100
250 95.3 76.6 114.8
141 67.1 54.7 82.1

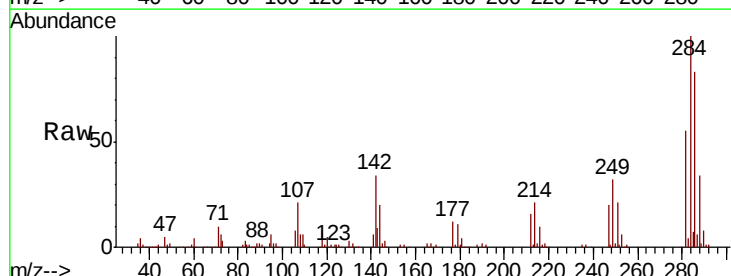


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

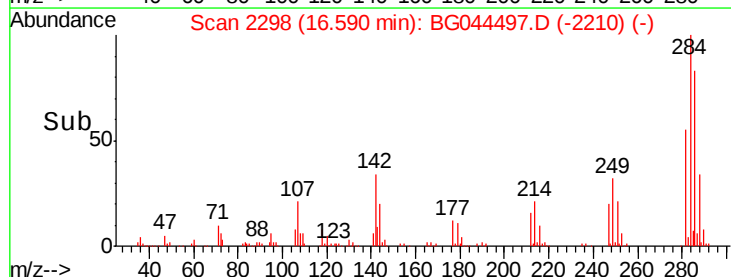
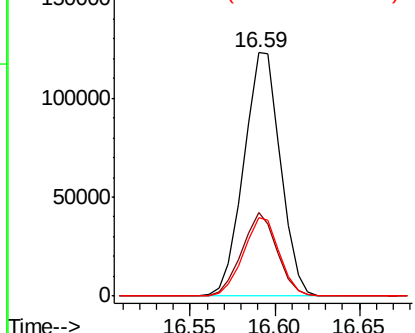


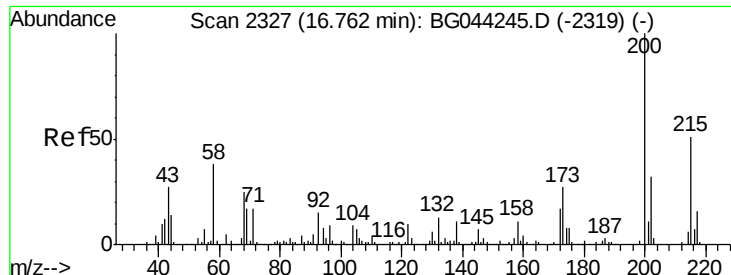
#68
Hexachlorobenzene
Concen: 41.992 ng
RT: 16.59 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

Tgt Ion:284 Resp: 185920
Ion Ratio Lower Upper
284 100
142 34.3 25.3 37.9
249 32.2 25.5 38.3



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





#69

Atrazine

Concen: 54.707 ng

RT: 16.74 min Scan# 2323

Delta R.T. -0.02 min

Lab File: BG044497.D

Acq: 19 Feb 2020 20:04

Instrument :

BNA_G

ClientSampleId :

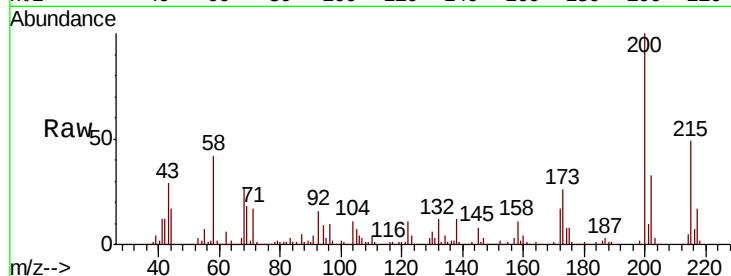
Tot Ion:200 Resp: 190612

Ion Ratio Lower Upper

200 100

173 26.4 6.6 46.6

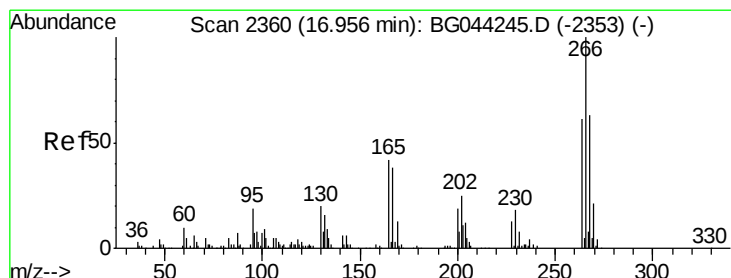
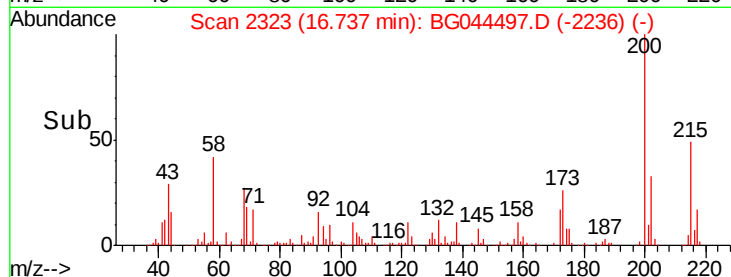
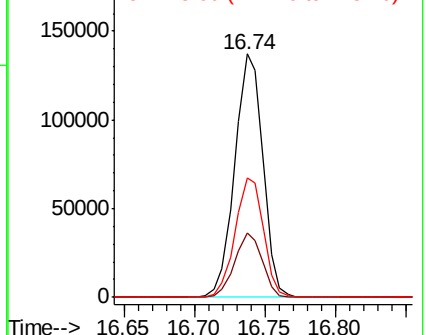
215 49.0 31.0 71.0



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: 53.377 ng

RT: 16.94 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BG044497.D

Acq: 19 Feb 2020 20:04

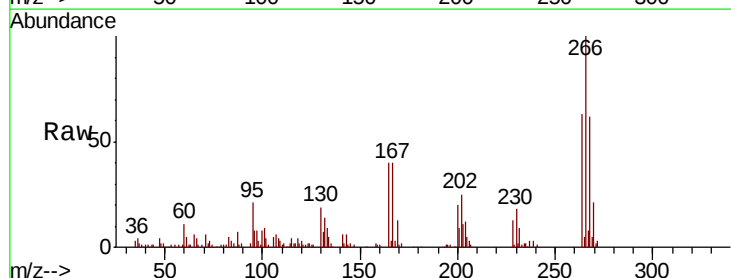
Tgt Ion:266 Resp: 117070

Ion Ratio Lower Upper

266 100

268 62.4 50.6 75.8

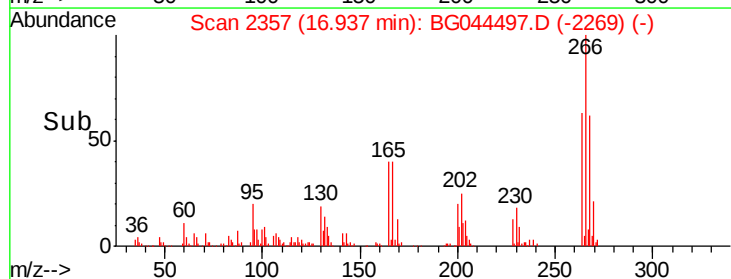
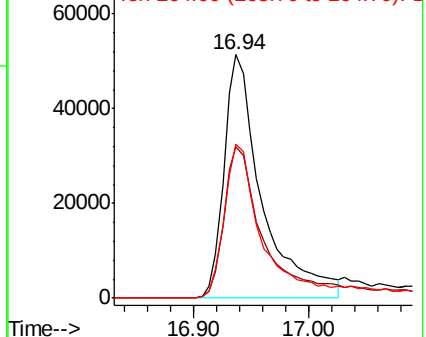
264 63.3 48.7 73.1

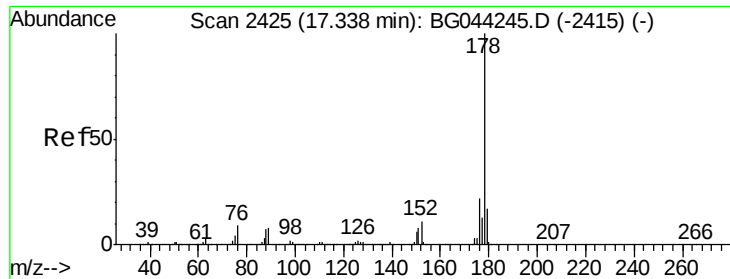


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

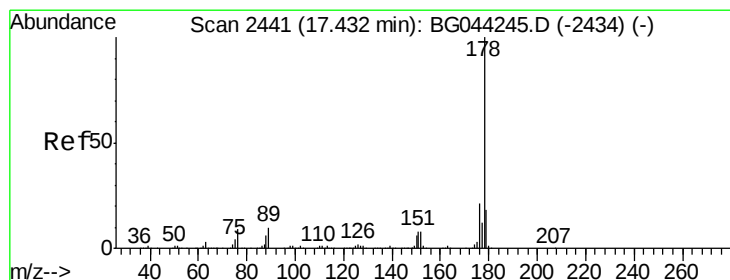
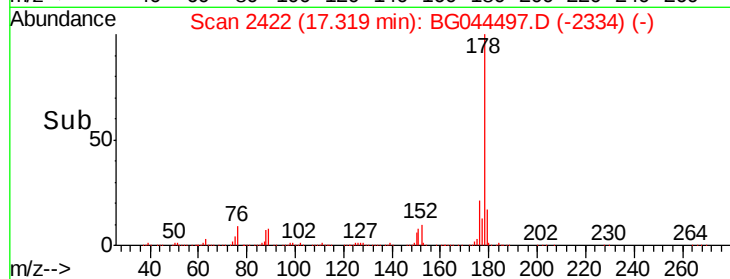
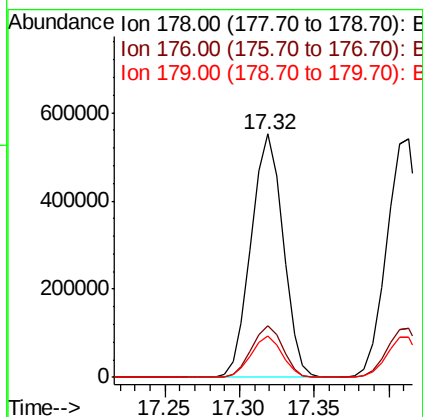
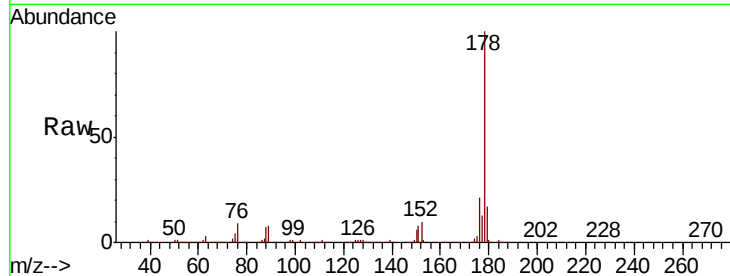




#71
Phenanthrene
Concen: 46.628 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

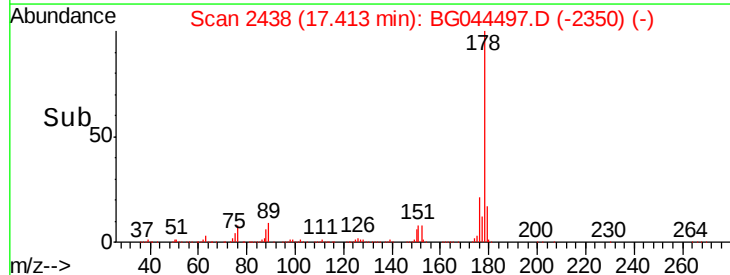
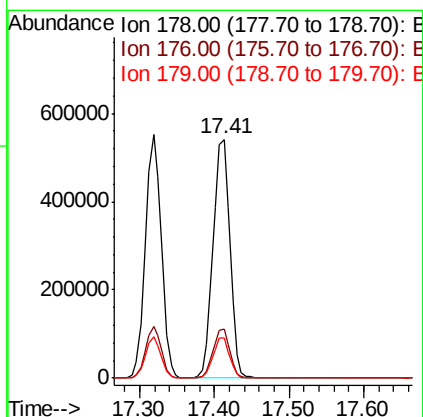
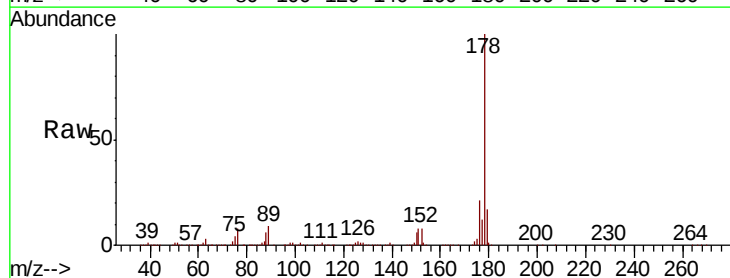
Instrument :
BNA_G
ClientSampleId :

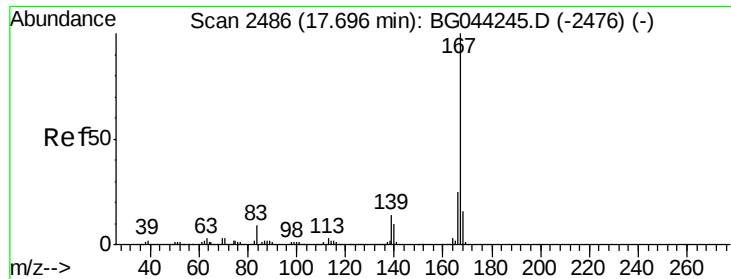
Tot Ion:178 Resp: 819005
Ion Ratio Lower Upper
178 100
176 21.0 17.7 26.5
179 17.0 13.7 20.5



#72
Anthracene
Concen: 48.870 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

Tgt Ion:178 Resp: 848650
Ion Ratio Lower Upper
178 100
176 20.8 17.0 25.4
179 16.7 14.4 21.6

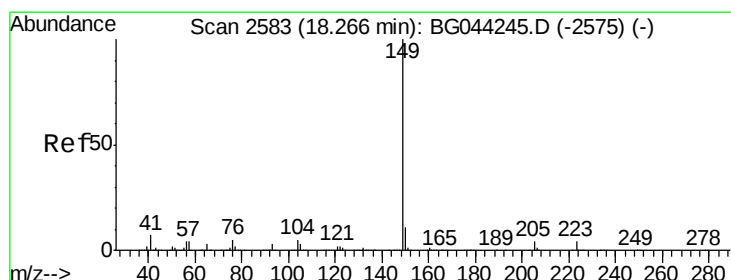
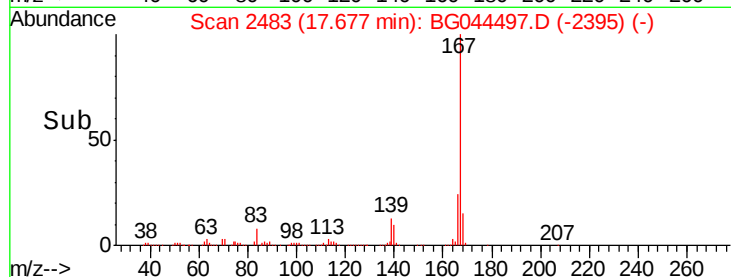
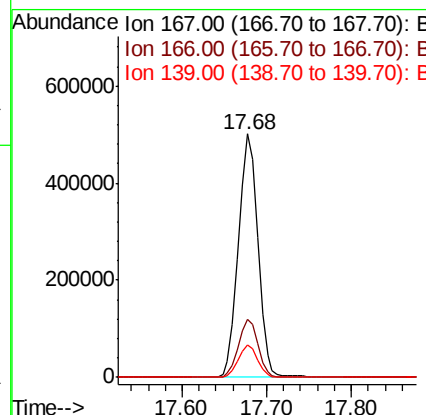
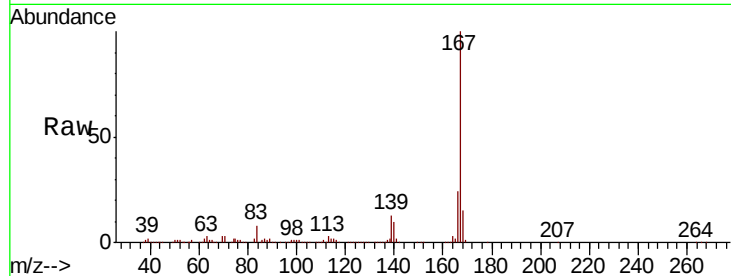




#73
 Carbazole
 Concen: 49.596 ng
 RT: 17.68 min Scan# 2483
 Delta R.T. -0.01 min
 Lab File: BG044497.D
 Acq: 19 Feb 2020 20:04

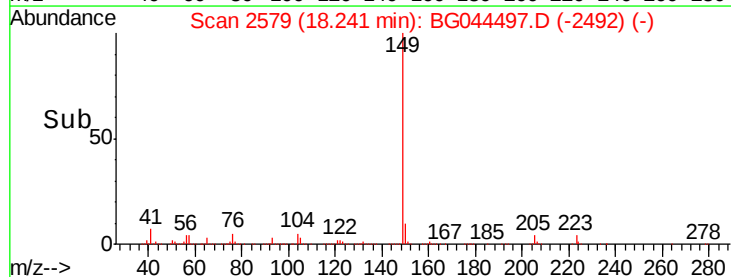
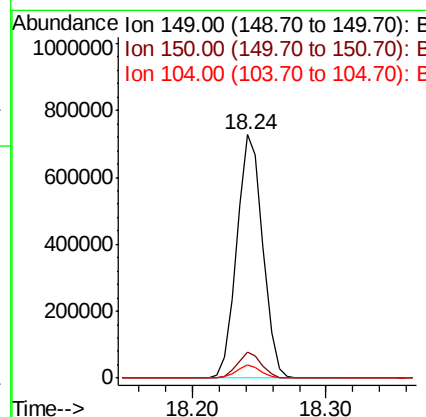
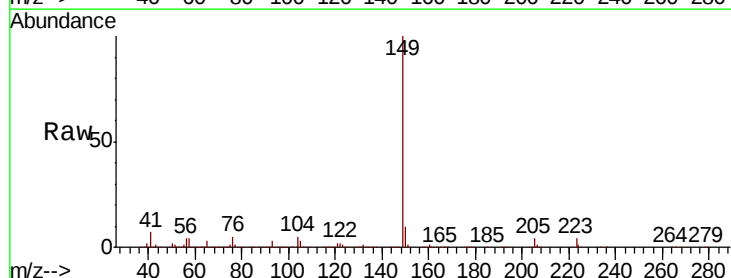
Instrument :
 BNA_G
 ClientSampleId :

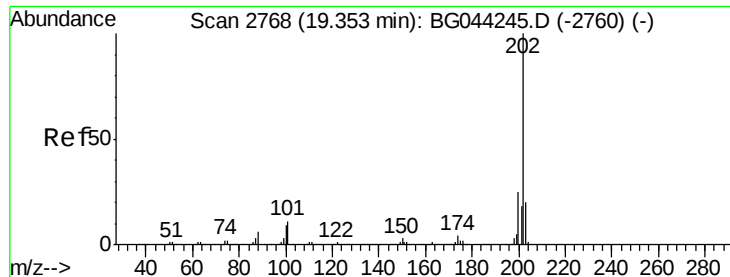
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.7	19.8	29.6
139	13.3	11.1	16.7



#74
 Di-n-butylphthalate
 Concen: 49.639 ng
 RT: 18.24 min Scan# 2579
 Delta R.T. -0.02 min
 Lab File: BG044497.D
 Acq: 19 Feb 2020 20:04

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.5	8.7	13.1
104	5.2	4.3	6.5





#75

Fluoranthene

Concen: 49.521 ng

RT: 19.33 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG044497.D

Acq: 19 Feb 2020 20:04

Instrument :

BNA_G

ClientSampled :

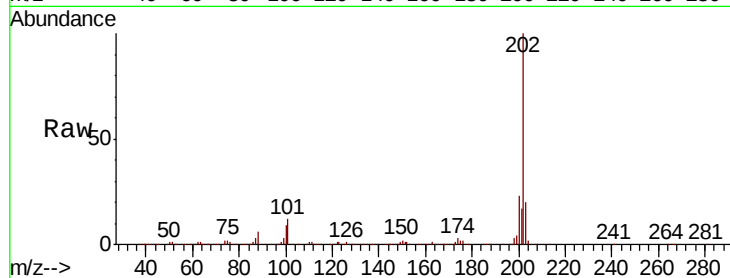
Tot Ion:202 Resp: 1006230

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.3

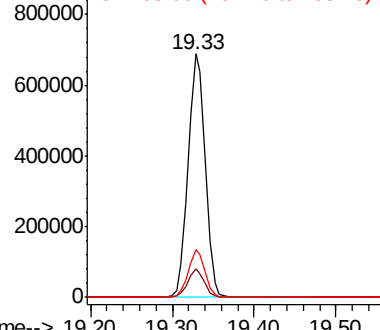
203 19.8 0.0 39.9



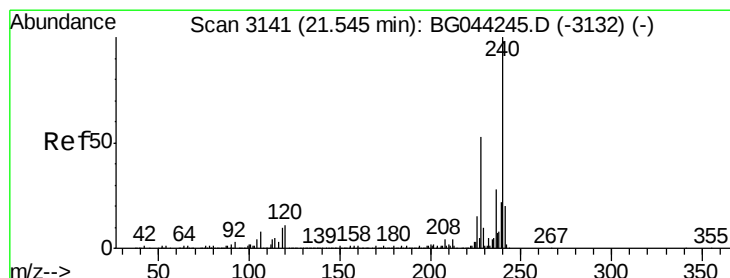
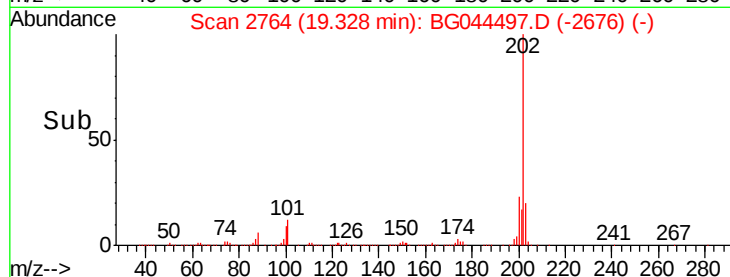
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.20 19.30 19.40 19.50



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.52 min Scan# 3137

Delta R.T. -0.02 min

Lab File: BG044497.D

Acq: 19 Feb 2020 20:04

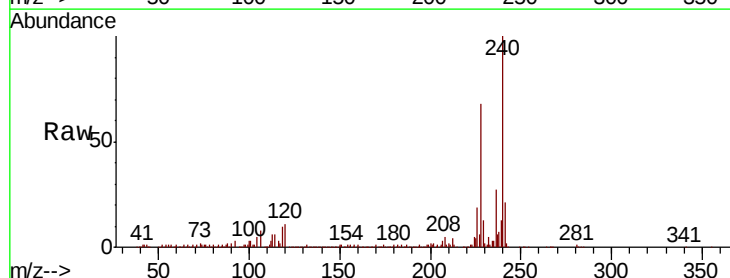
Tgt Ion:240 Resp: 363504

Ion Ratio Lower Upper

240 100

120 11.1 8.4 12.6

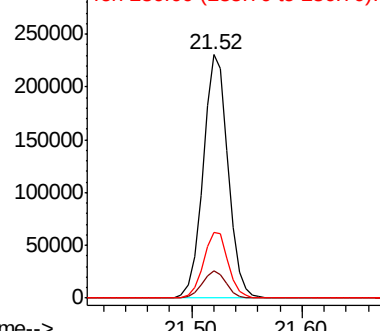
236 26.8 22.1 33.1



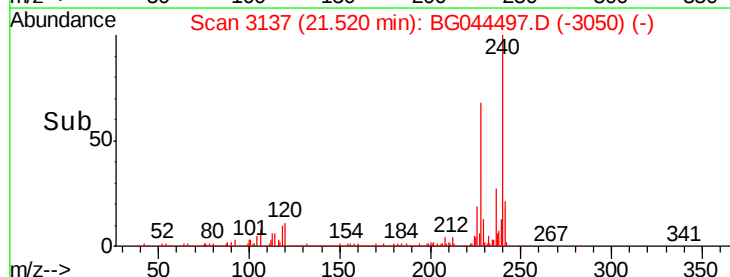
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.50 21.60





#77

Benzidine

Concen: 26.625 ng

RT: 19.51 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG044497.D

Acq: 19 Feb 2020 20:04

Instrument :

BNA_G

ClientSampleId :

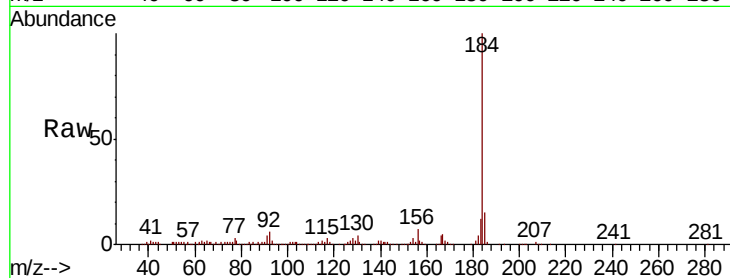
Tot Ion:184 Resp: 268454

Ion Ratio Lower Upper

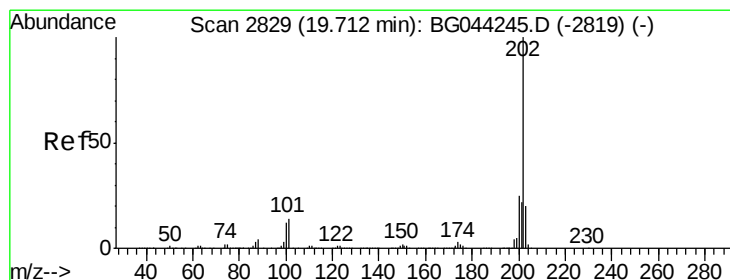
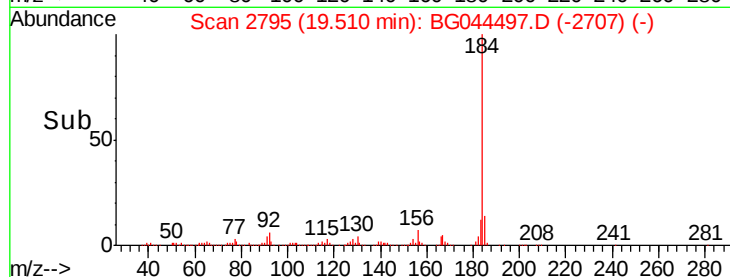
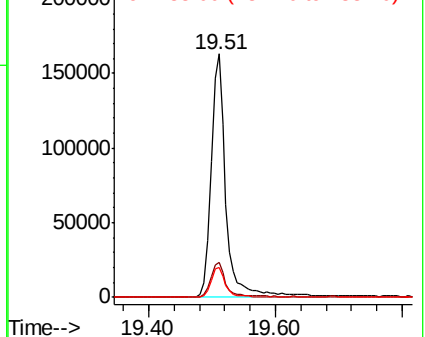
184 100

185 14.5 12.9 19.3

183 12.5 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: 43.493 ng

RT: 19.69 min Scan# 2826

Delta R.T. -0.01 min

Lab File: BG044497.D

Acq: 19 Feb 2020 20:04

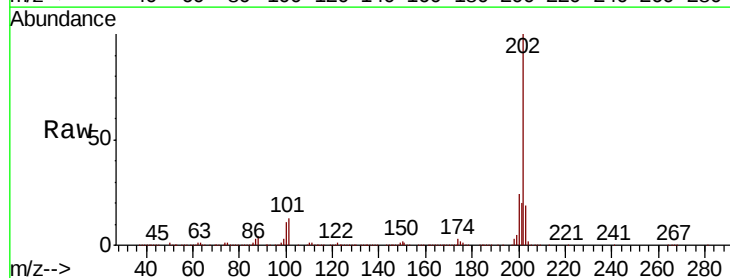
Tgt Ion:202 Resp: 1015323

Ion Ratio Lower Upper

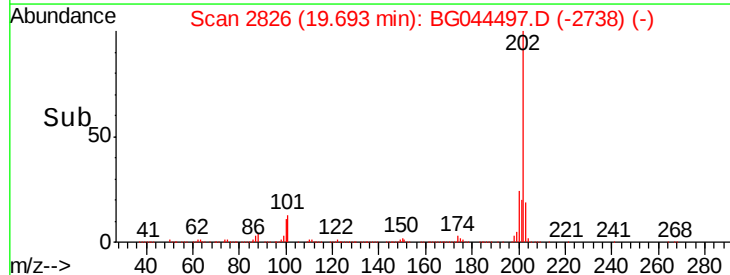
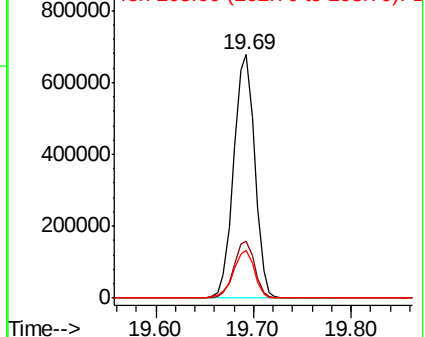
202 100

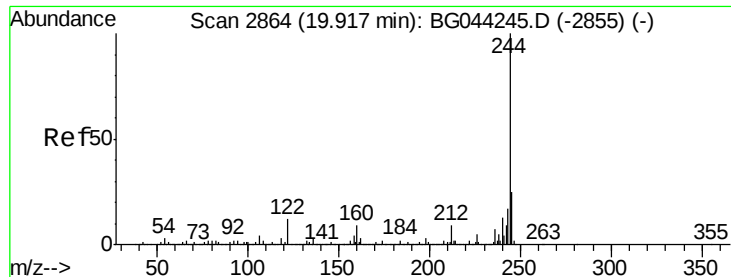
200 23.5 20.0 30.0

203 19.5 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: 56.360 ng

RT: 19.89 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG044497.D

Acq: 19 Feb 2020 20:04

Instrument :

BNA_G

ClientSampled :

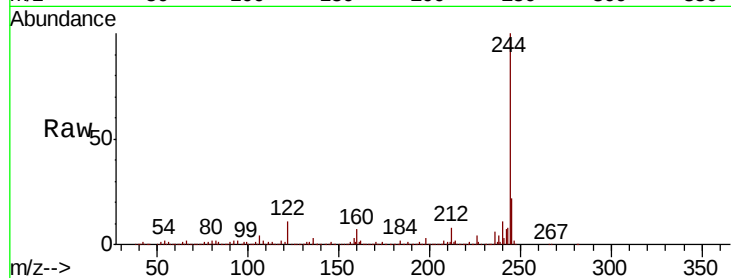
Tot Ion:244 Resp: 996032

Ion Ratio Lower Upper

244 100

212 7.6 7.4 11.2

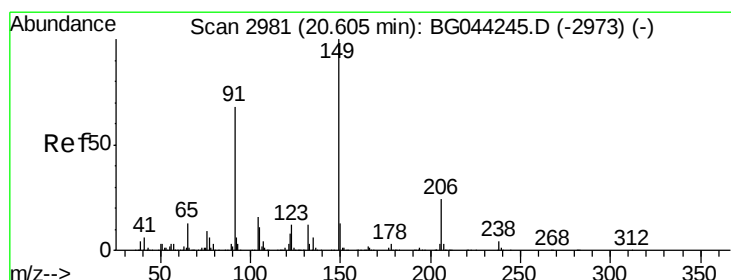
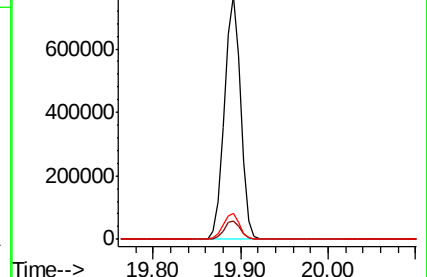
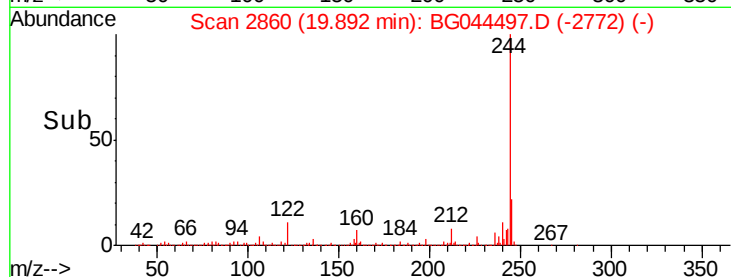
122 10.6 9.8 14.6



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: 43.115 ng

RT: 20.58 min Scan# 2977

Delta R.T. -0.02 min

Lab File: BG044497.D

Acq: 19 Feb 2020 20:04

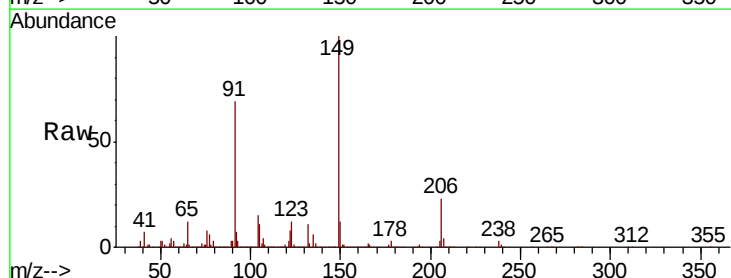
Tgt Ion:149 Resp: 458668

Ion Ratio Lower Upper

149 100

91 69.0 54.5 81.7

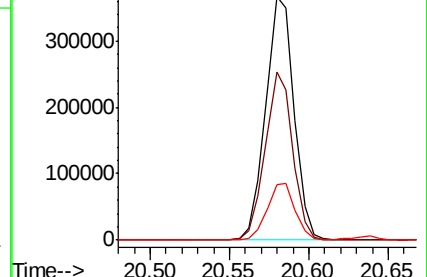
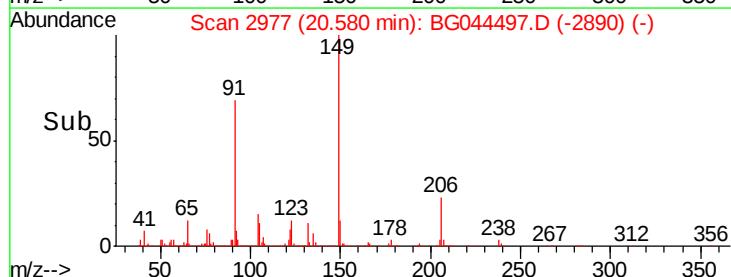
206 22.7 19.1 28.7

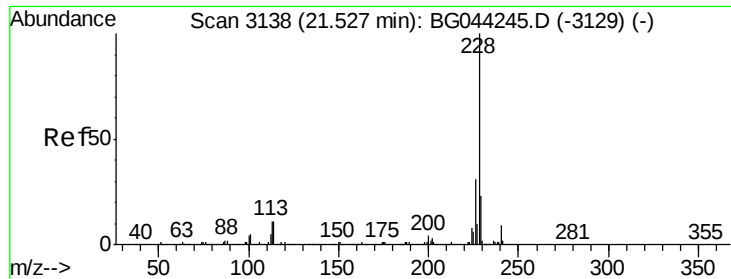


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

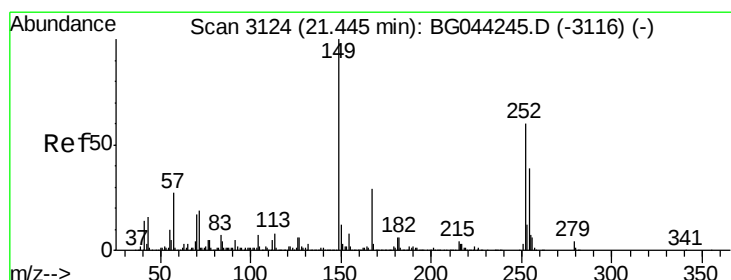
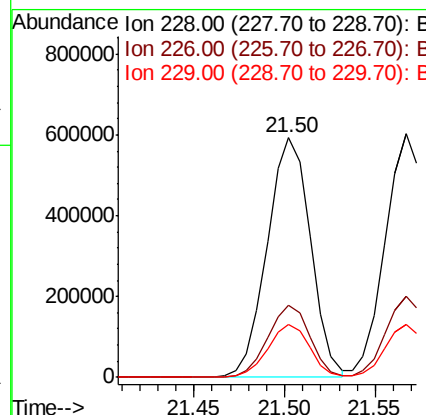
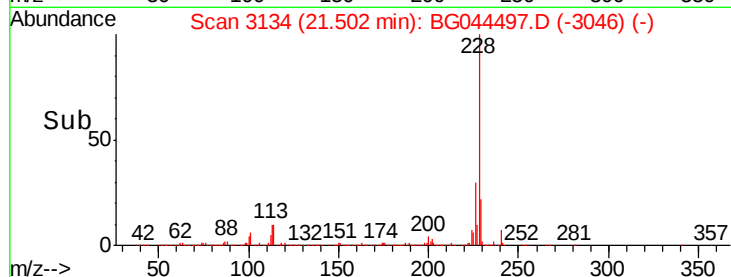
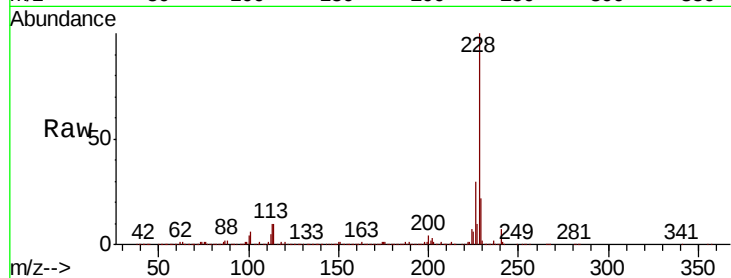




#81
Benzo(a)anthracene
Concen: 44.004 ng
RT: 21.50 min Scan# 3134
Delta R.T. -0.01 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

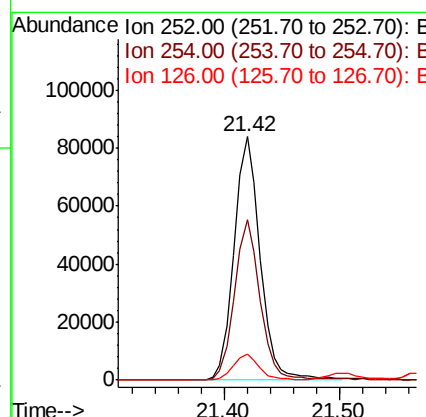
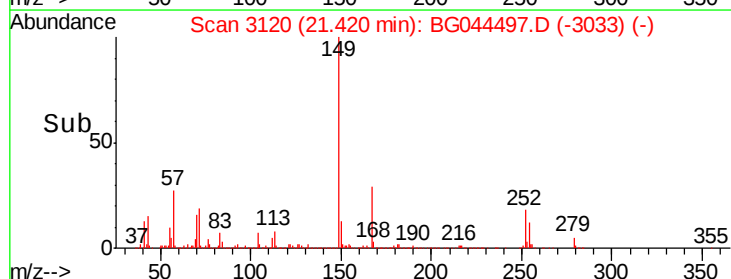
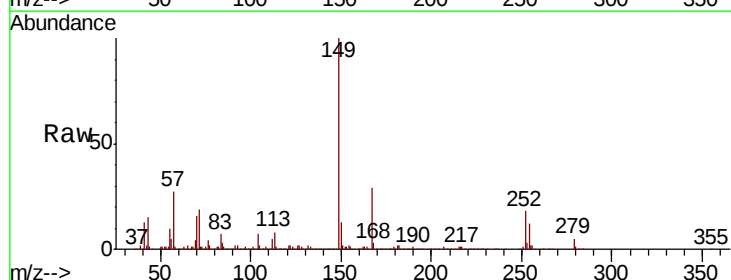
Instrument :
BNA_G
ClientSampleId :

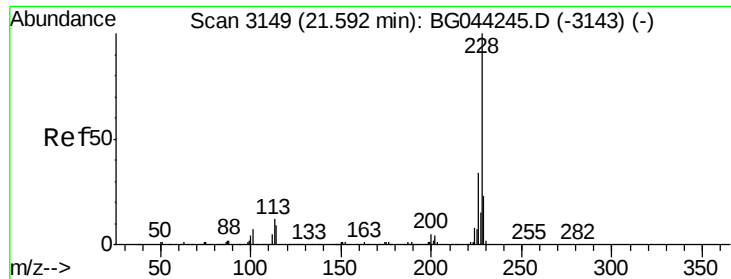
Tot Ion:228 Resp: 985828
Ion Ratio Lower Upper
228 100
226 30.2 24.7 37.1
229 21.9 18.2 27.4



#82
3,3'-Dichlorobenzidine
Concen: 15.129 ng
RT: 21.42 min Scan# 3120
Delta R.T. -0.02 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

Tgt Ion:252 Resp: 131542
Ion Ratio Lower Upper
252 100
254 66.1 52.6 78.8
126 10.8 8.2 12.4

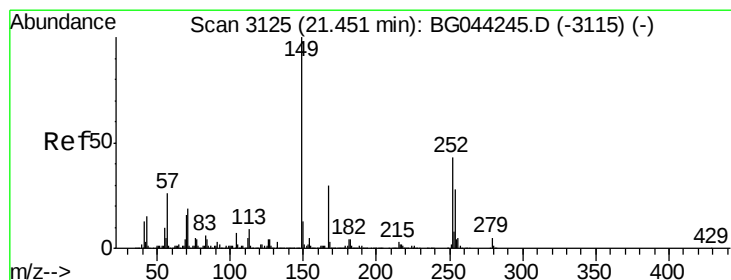
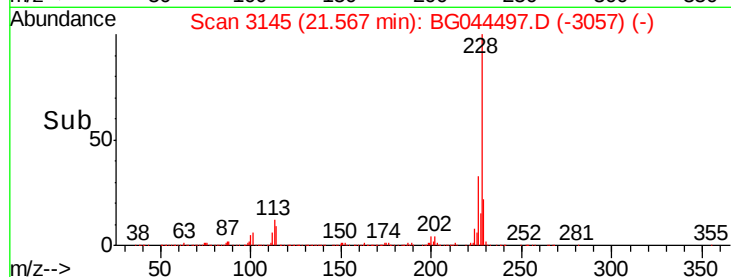
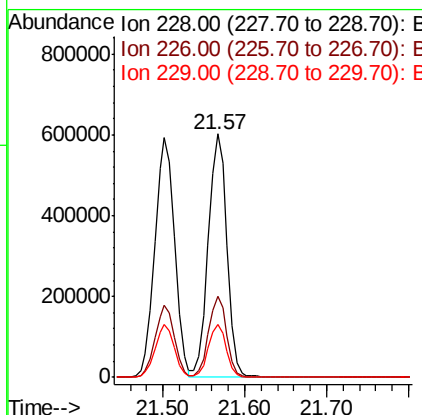
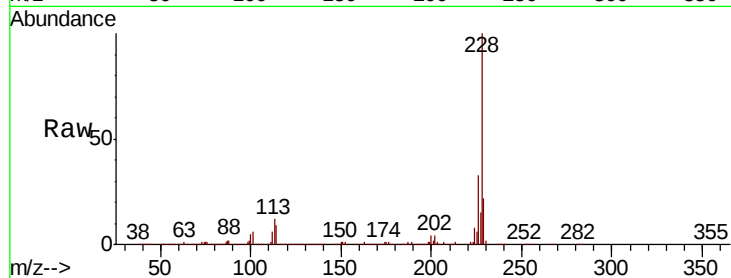




#83
 Chrvsene
 Concen: 44.095 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG044497.D
 Acq: 19 Feb 2020 20:04

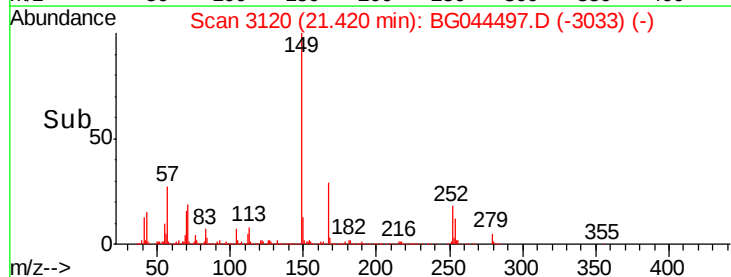
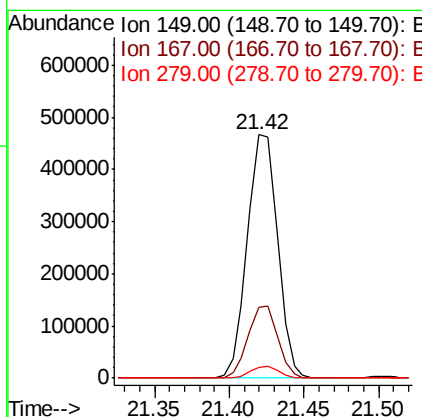
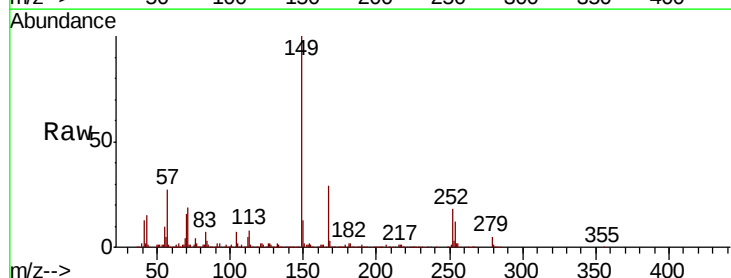
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.1	27.1	40.7
229	21.6	17.9	26.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.634 ng
 RT: 21.42 min Scan# 3120
 Delta R.T. -0.02 min
 Lab File: BG044497.D
 Acq: 19 Feb 2020 20:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.3	24.0	36.0
279	4.5	3.8	5.8





#85

Di-n-octyl phthalate

Concen: 44.773 ng

RT: 22.58 min Scan# 3318

Delta R.T. -0.02 min

Lab File: BG044497.D

Acq: 19 Feb 2020 20:04

Instrument :

BNA_G

ClientSampleId :

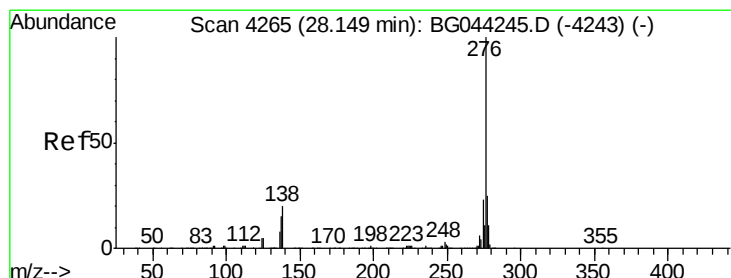
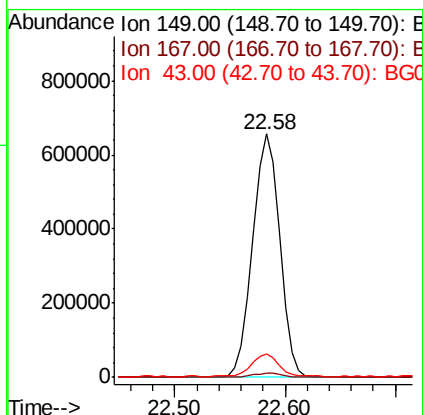
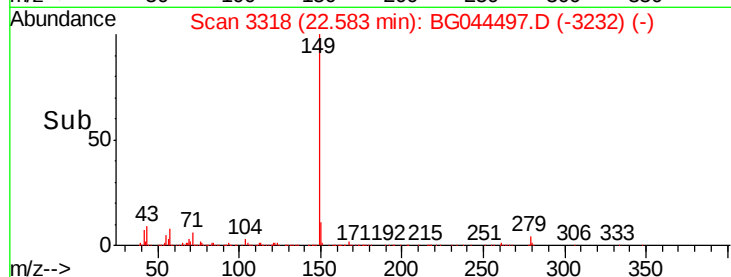
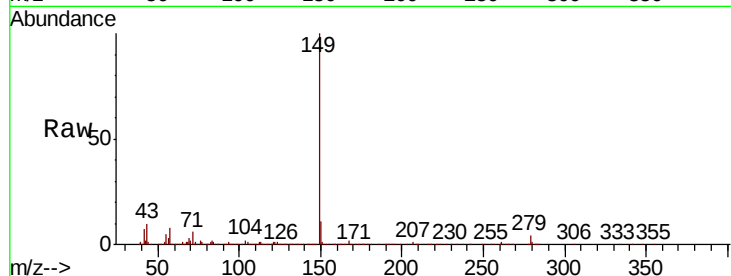
Tot Ion:149 Resp: 1134340

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 9.0 7.4 11.0



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.358 ng

RT: 28.09 min Scan# 4256

Delta R.T. -0.02 min

Lab File: BG044497.D

Acq: 19 Feb 2020 20:04

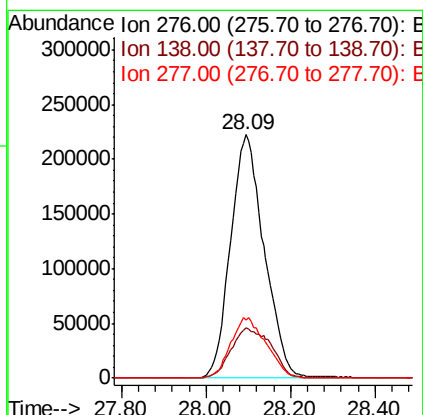
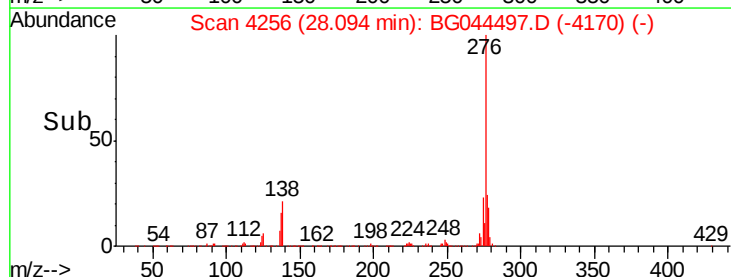
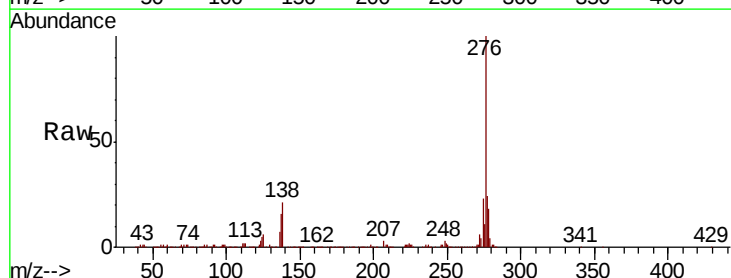
Tgt Ion:276 Resp: 1224940

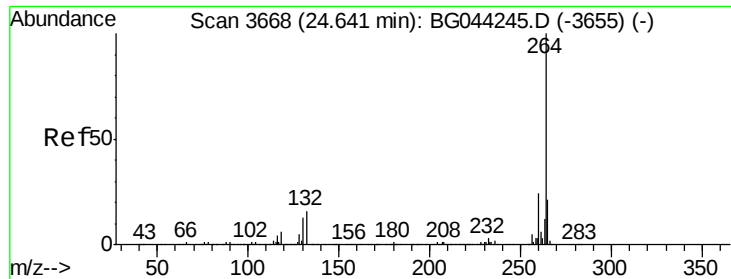
Ion Ratio Lower Upper

276 100

138 24.6 19.4 29.0

277 26.2 21.0 31.6



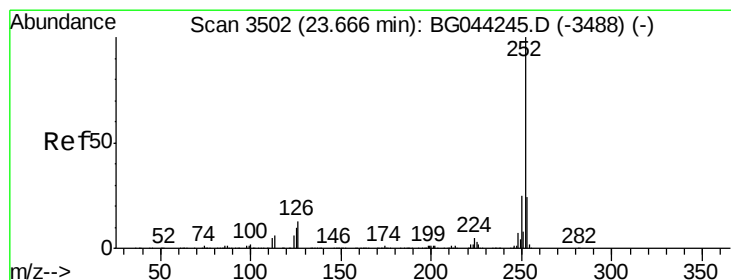
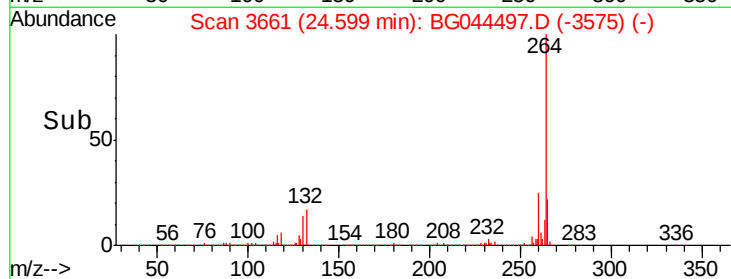
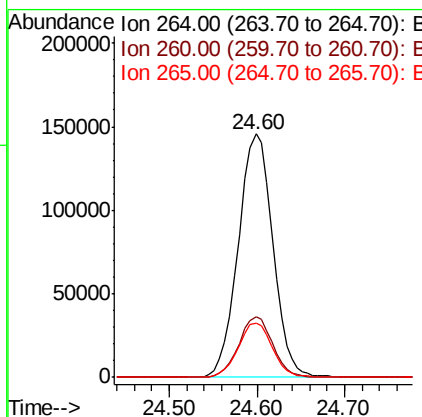
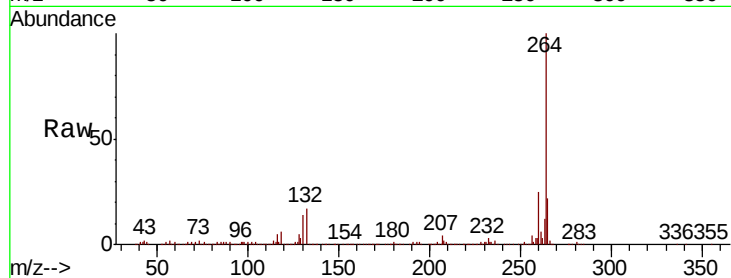


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.60 min Scan# 3661
Delta R.T. -0.02 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 390330

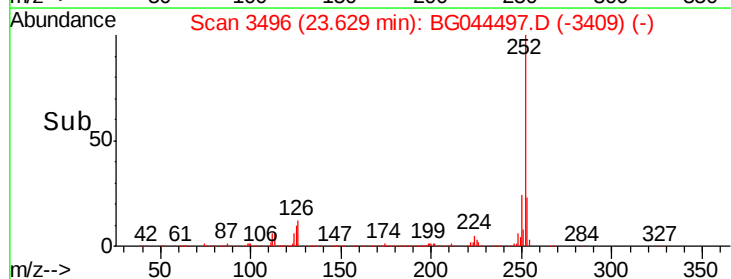
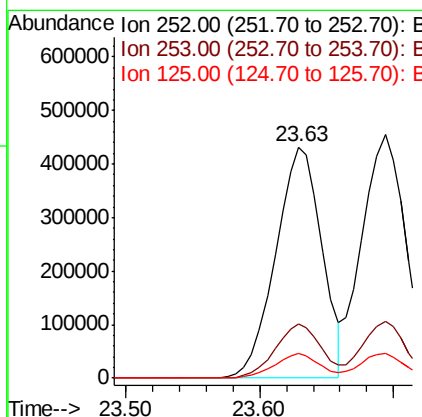
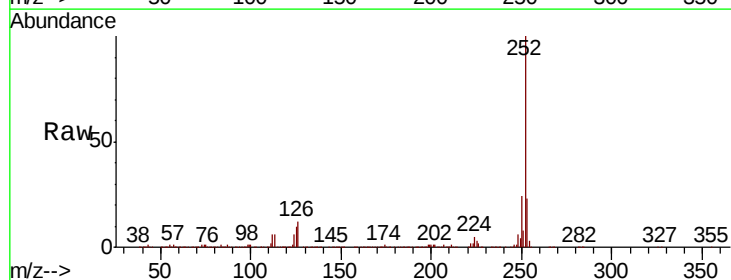
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	22.1	16.7	25.1

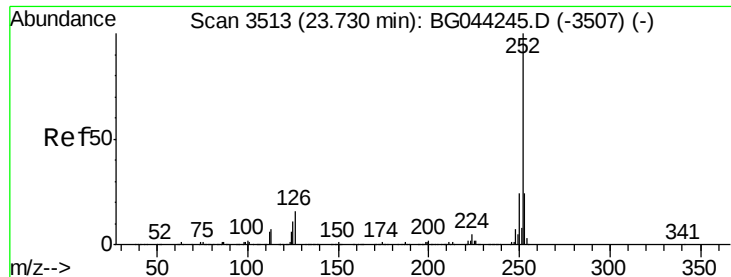


#88
Benzo(b)fluoranthene
Concen: 45.839 ng
RT: 23.63 min Scan# 3496
Delta R.T. -0.02 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

Tgt Ion:252 Resp: 1031024

Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.2	28.8
125	10.4	8.4	12.6

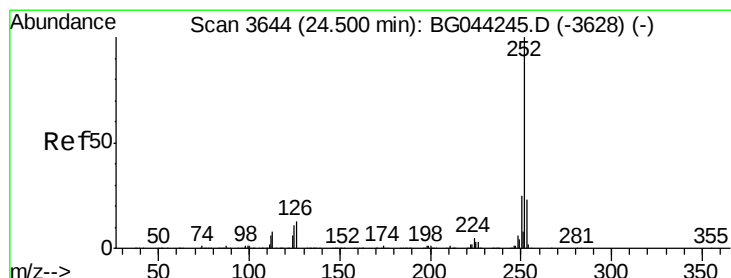
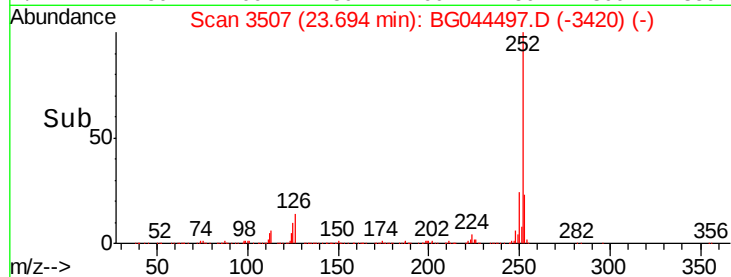
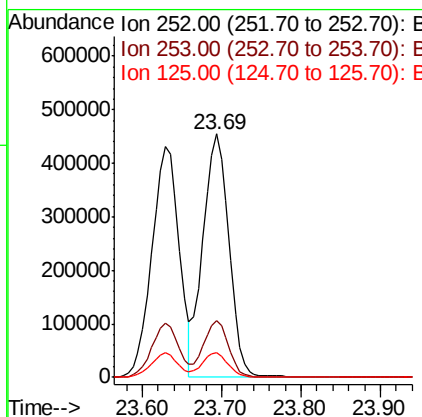
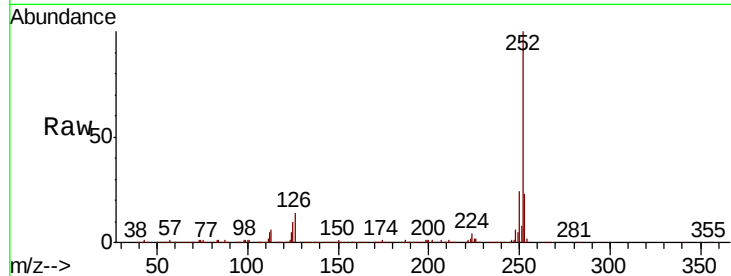




#89
Benzo(k)fluoranthene
Concen: 47.287 ng
RT: 23.69 min Scan# 3507
Delta R.T. -0.02 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

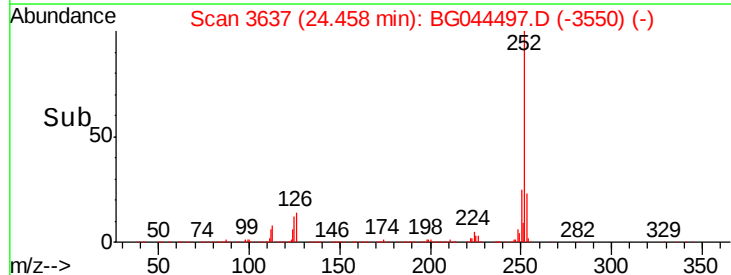
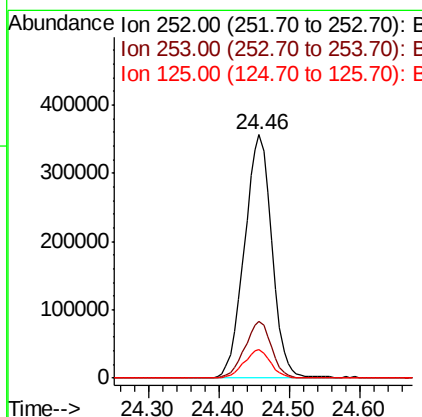
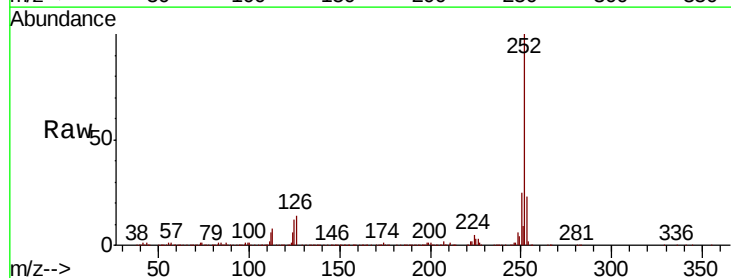
Instrument :
BNA_G
ClientSampleId :

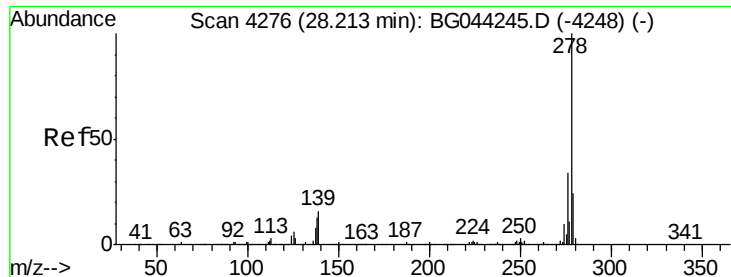
Tot Ion:252 Resp: 1036617
Ion Ratio Lower Upper
252 100
253 23.3 19.1 28.7
125 10.1 8.6 12.8



#90
Benzo(a)pyrene
Concen: 45.418 ng
RT: 24.46 min Scan# 3637
Delta R.T. -0.02 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

Tgt Ion:252 Resp: 965870
Ion Ratio Lower Upper
252 100
253 23.2 18.1 27.1
125 11.7 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 48.158 ng

RT: 28.15 min Scan# 4265

Delta R.T. -0.03 min

Lab File: BG044497.D

Acq: 19 Feb 2020 20:04

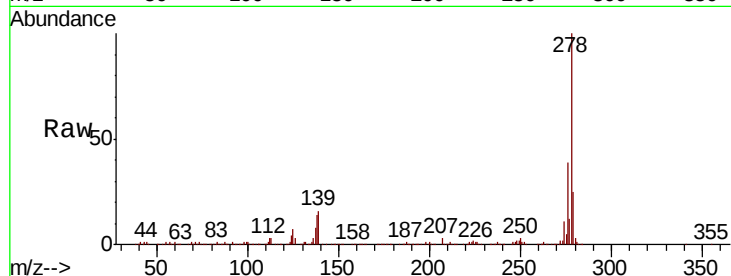
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 1013557

Ion	Ratio	Lower	Upper
278	100		
139	16.3	12.7	19.1
279	24.8	19.3	28.9

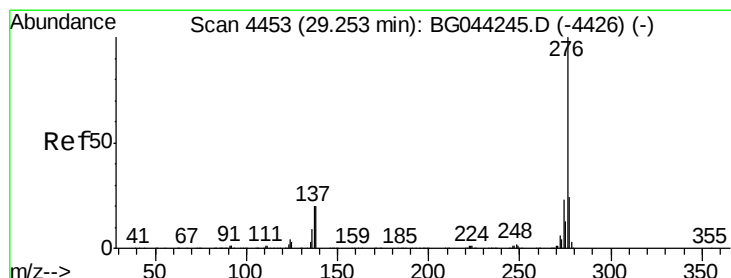
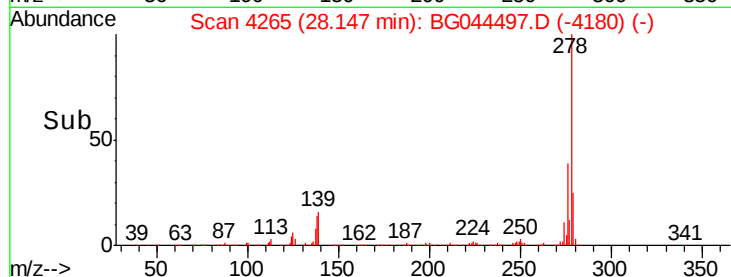
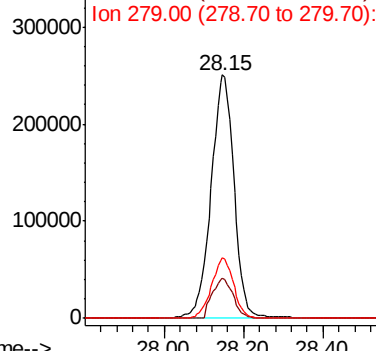


Abundance

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: 48.861 ng

RT: 29.18 min Scan# 4441

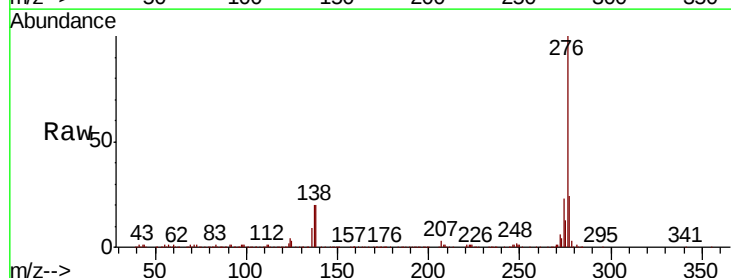
Delta R.T. -0.02 min

Lab File: BG044497.D

Acq: 19 Feb 2020 20:04

Tgt Ion:276 Resp: 1029445

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

