

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 :
 0168-COMP-CM-AMS

Quant Time: Feb 20 08:00:38 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
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
41) Hexachlorocyclopentadiene	12.71	237	199780	92.370	ng	99

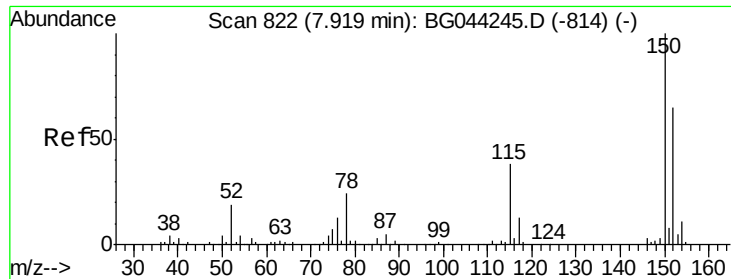
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

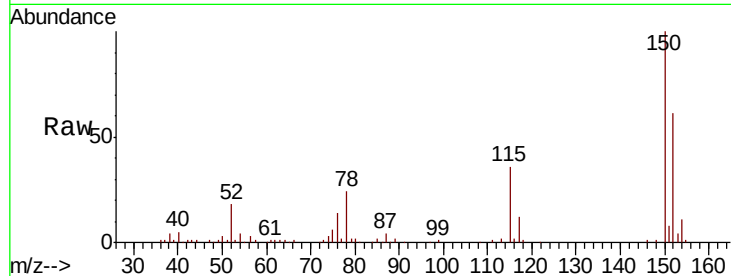


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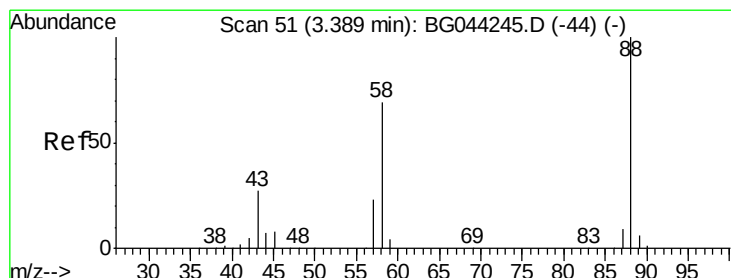
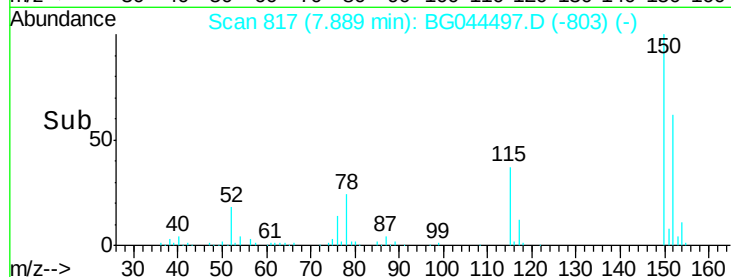
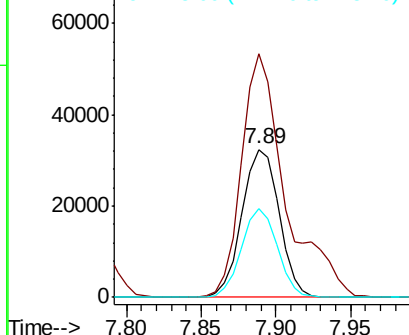
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

Instrument :
BNA_G
ClientSampleId :
0168-COMP-CM-AMS

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



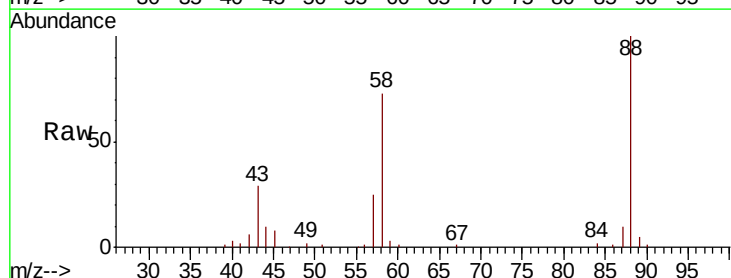
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



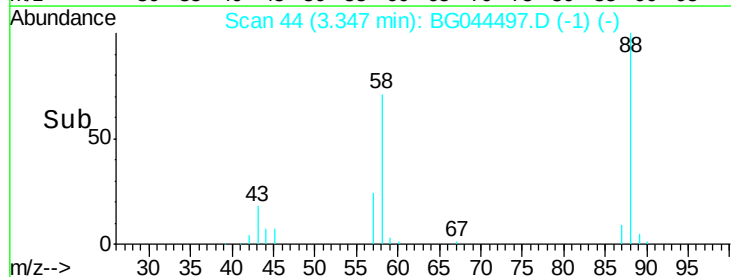
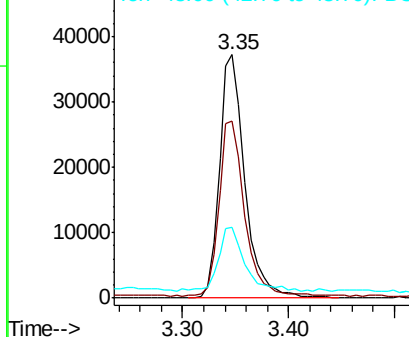
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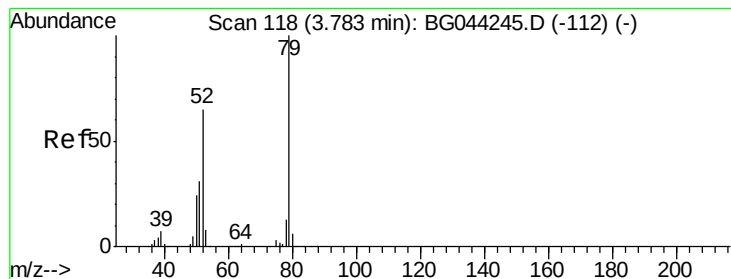
1,4-Dioxane
Concen: 43.676 ng
RT: 3.35 min Scan# 44
Delta R.T. -0.02 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

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 :

0168-COMP-CM-AMS

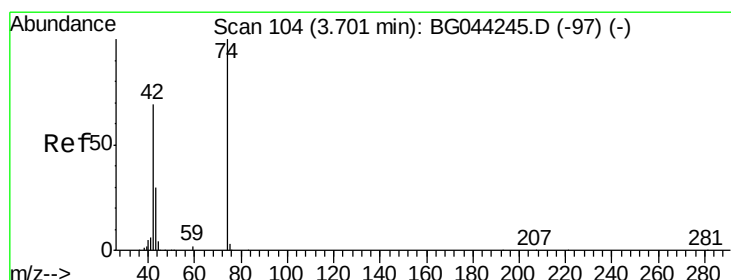
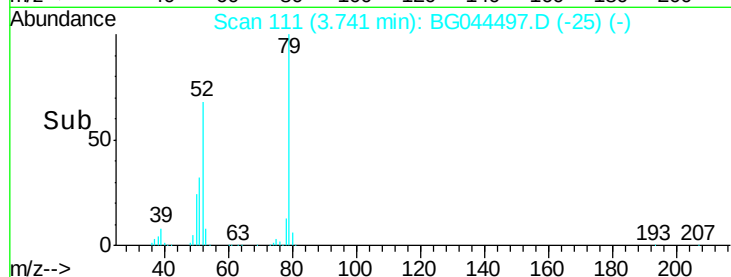
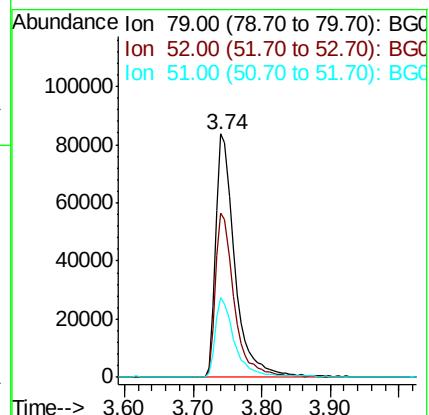
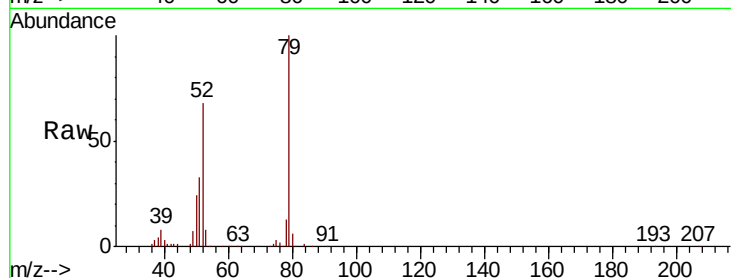
Tot Ion: 79 Resp: 163116

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

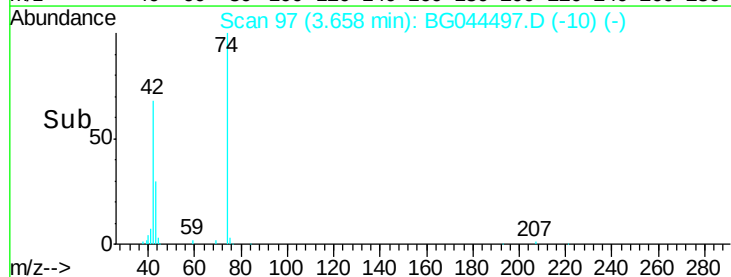
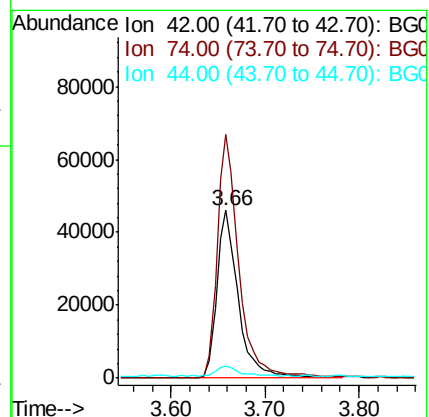
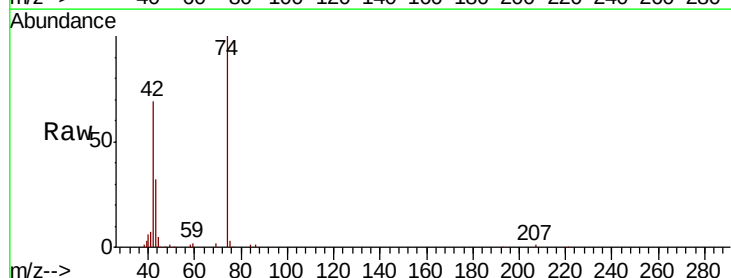
Tgt Ion: 42 Resp: 74618

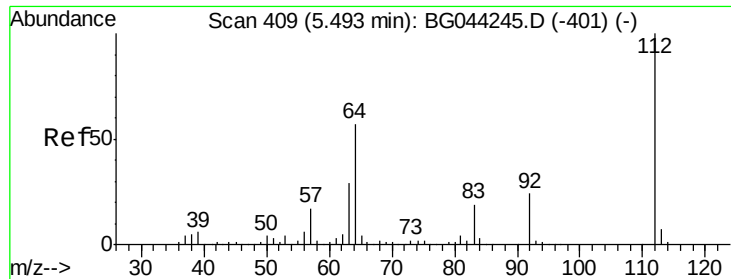
Ion Ratio Lower Upper

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

ClientSampleId :

0168-COMP-CM-AMS

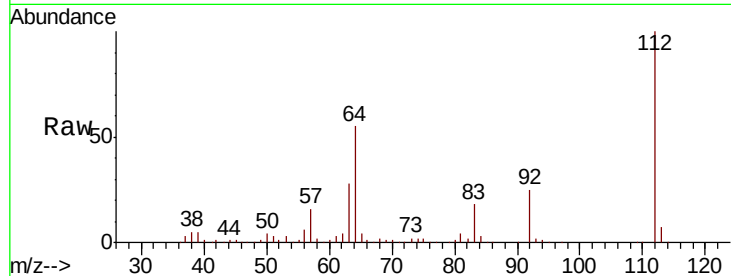
Tot Ion: 112 Resp: 344948

Ion Ratio Lower Upper

112 100

64 55.0 45.4 68.2

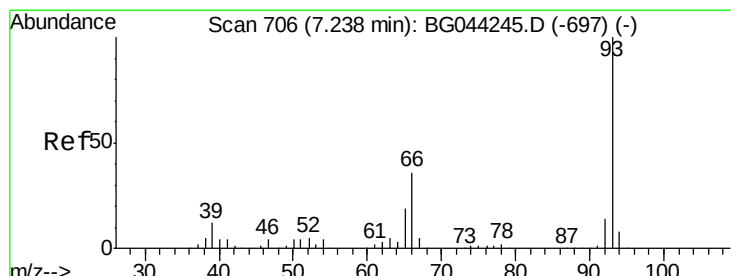
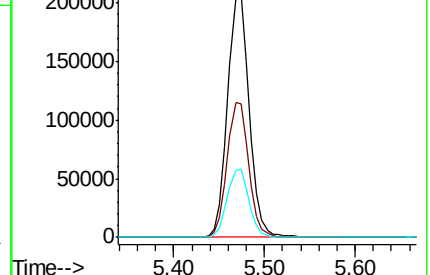
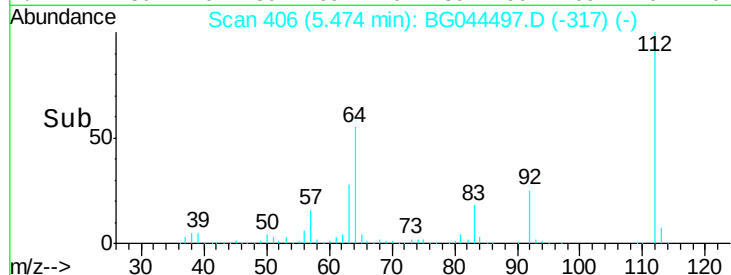
63 27.8 22.9 34.3



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

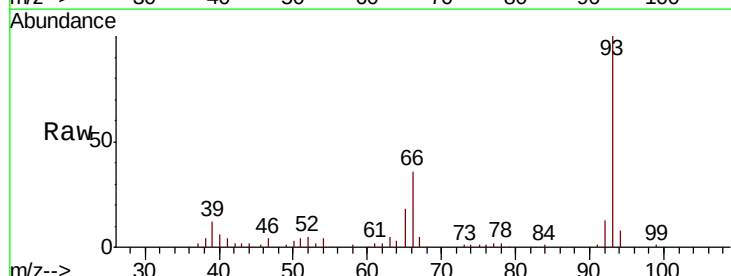
Tgt Ion: 93 Resp: 65414

Ion Ratio Lower Upper

93 100

66 35.6 28.7 43.1

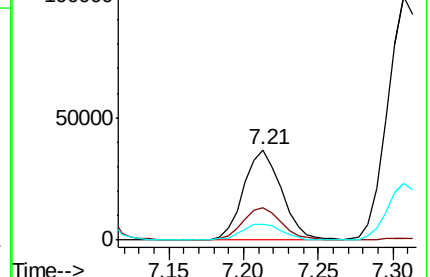
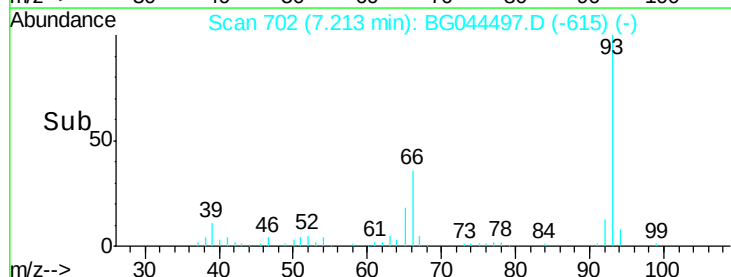
65 18.0 15.4 23.0

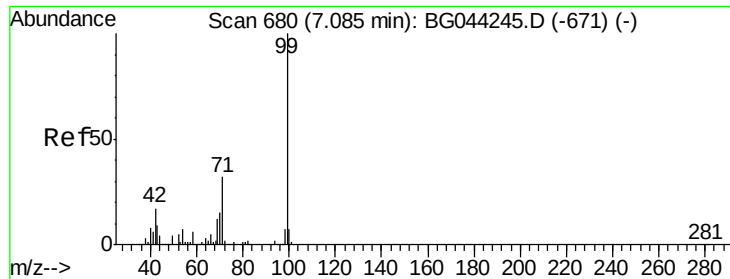


Abundance Ion 93.00 (92.70 to 93.70): BGC

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 :

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ClientSampleId :

0168-COMP-CM-AMS

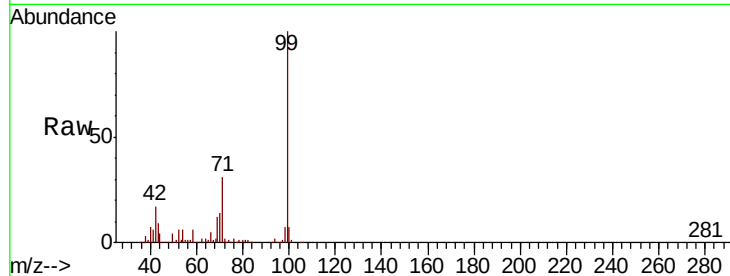
Tot Ion: 99 Resp: 446809

Ion Ratio Lower Upper

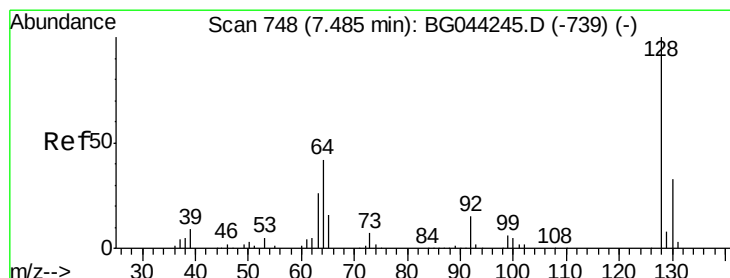
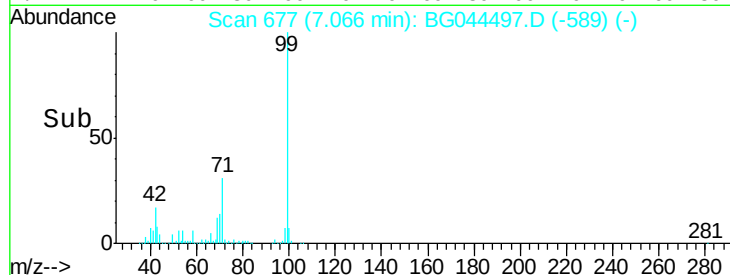
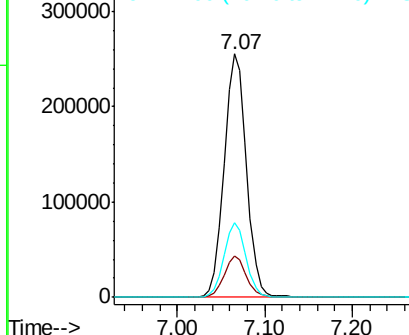
99 100

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

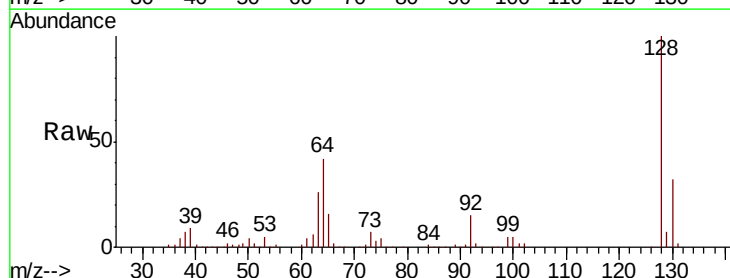
Tgt Ion: 128 Resp: 182394

Ion Ratio Lower Upper

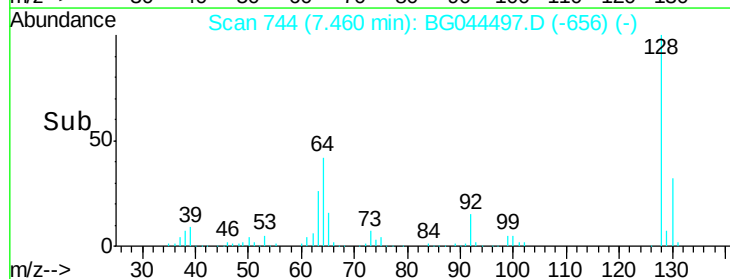
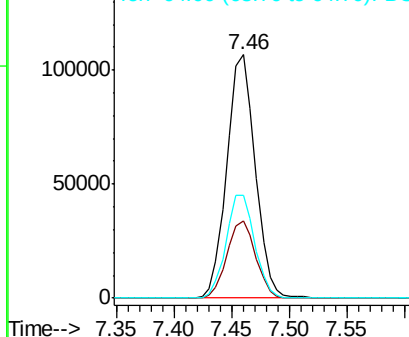
128 100

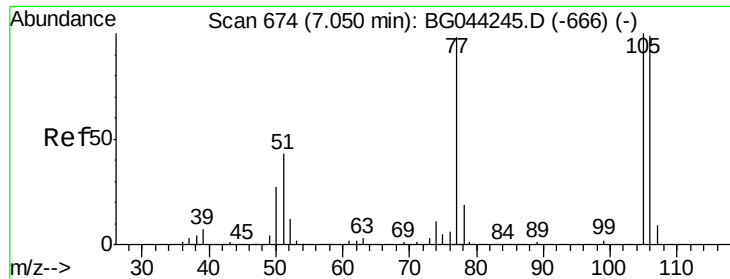
130 31.9 12.5 52.5

64 42.3 24.2 64.2



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
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 :

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ClientSampleId :

0168-COMP-CM-AMS

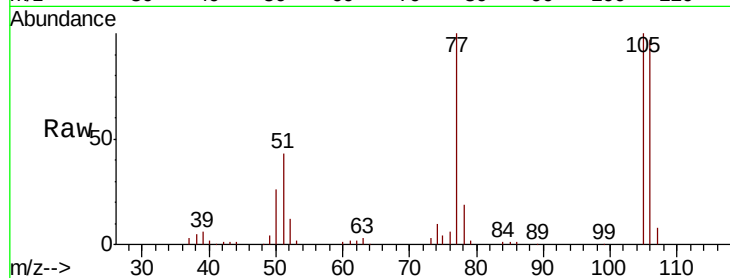
Tot Ion: 77 Resp: 75087

Ion Ratio Lower Upper

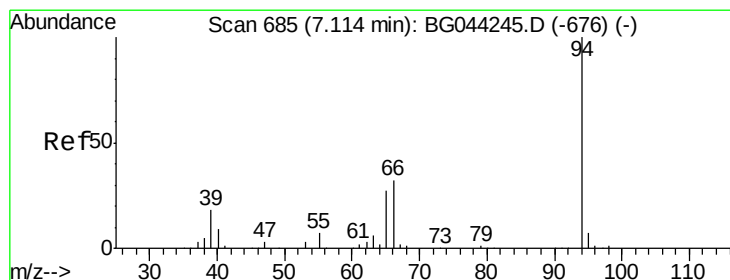
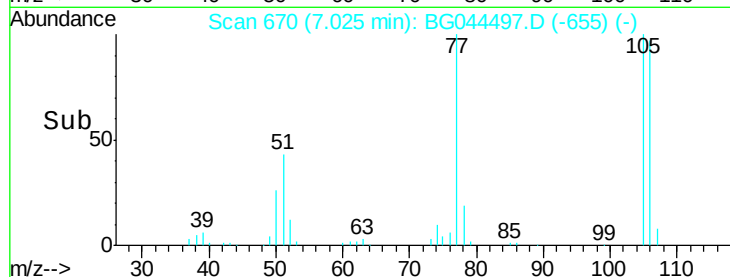
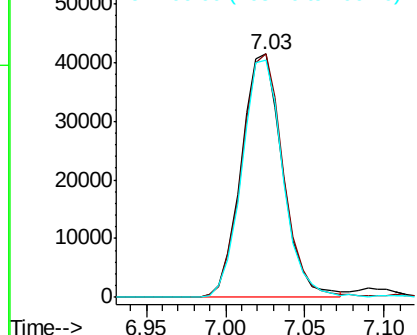
77 100

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

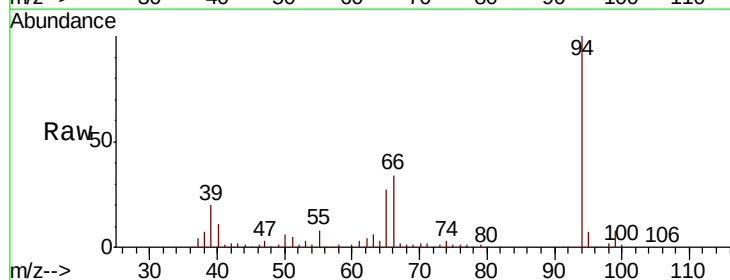
Tgt Ion: 94 Resp: 220055

Ion Ratio Lower Upper

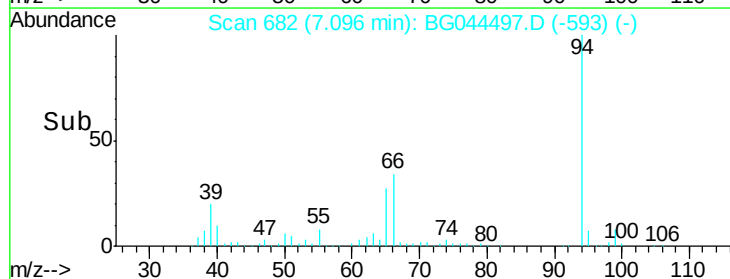
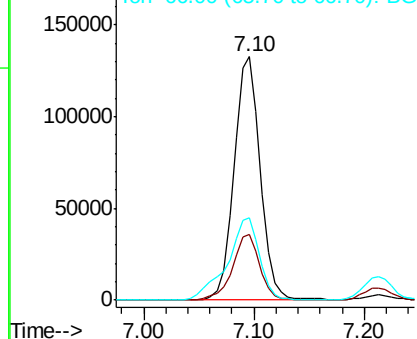
94 100

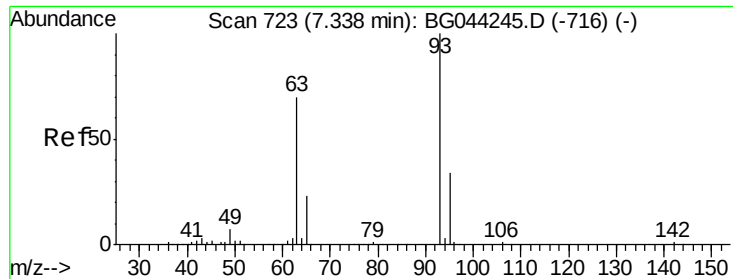
65 27.1 7.0 47.0

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

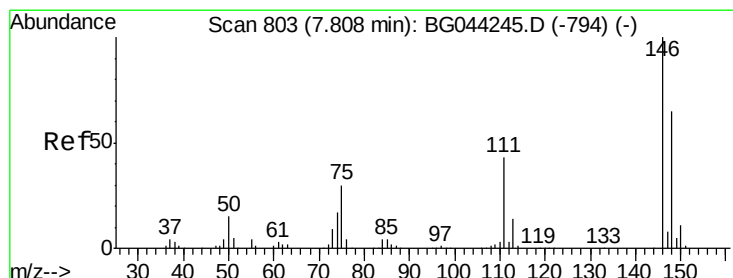
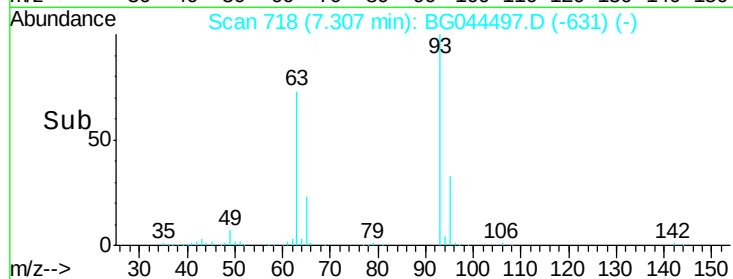
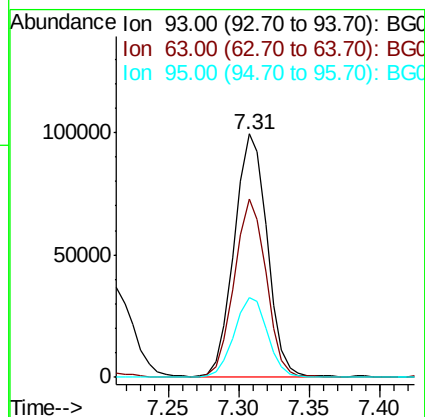
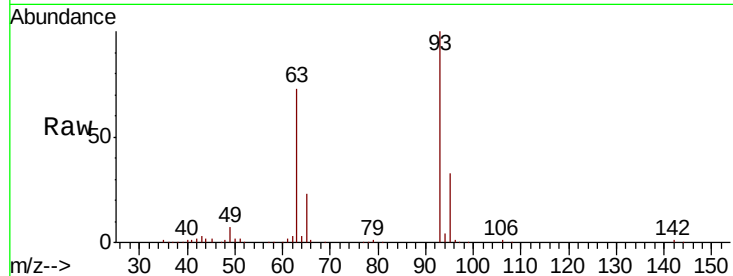




#11
bis(2-Chloroethyl)ether
Concen: 44.987 ng
RT: 7.31 min Scan# 718
Delta R.T. -0.02 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

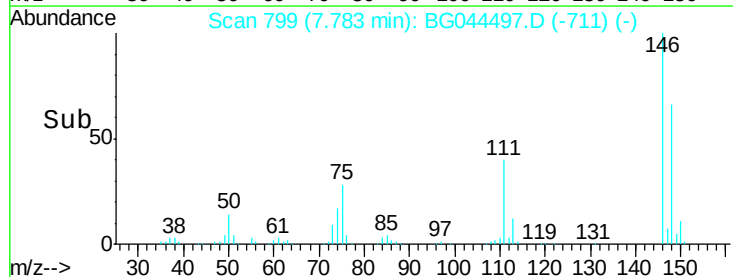
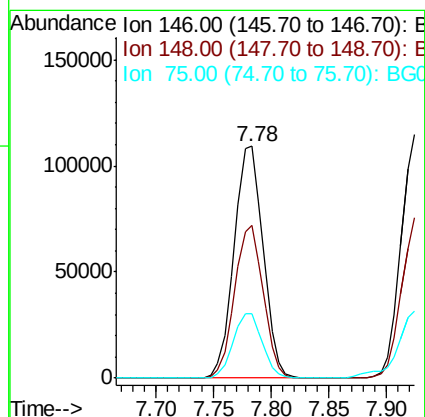
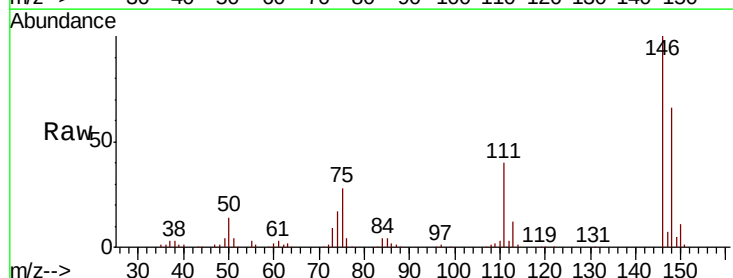
Instrument :
BNA_G
ClientSampleId :
0168-COMP-CM-AMS

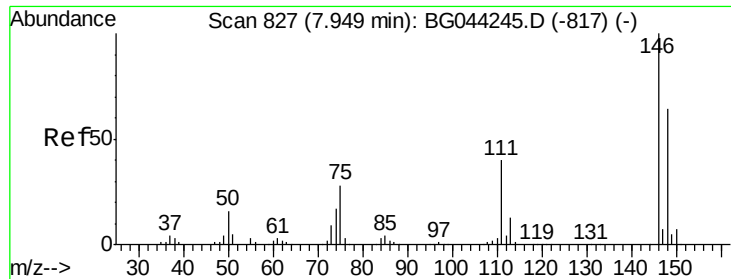
Tot Ion: 93 Resp: 161792
Ion Ratio Lower Upper
93 100
63 73.3 49.2 89.2
95 32.6 13.6 53.6



#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

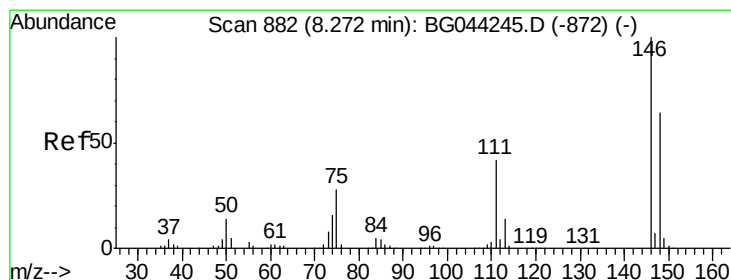
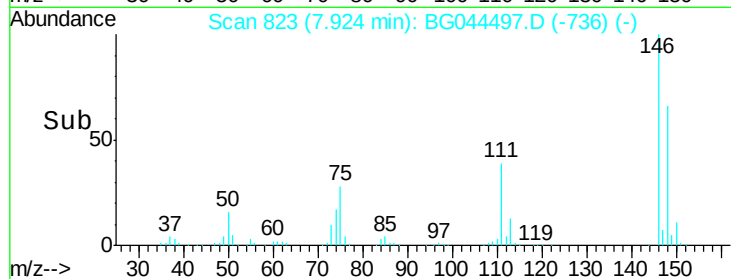
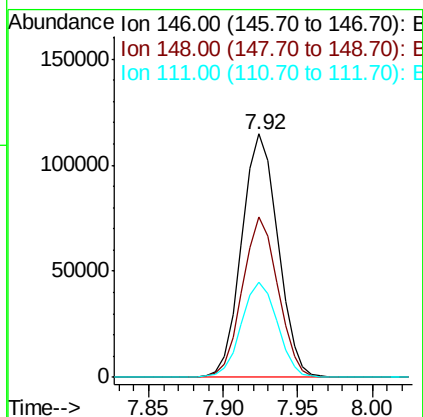
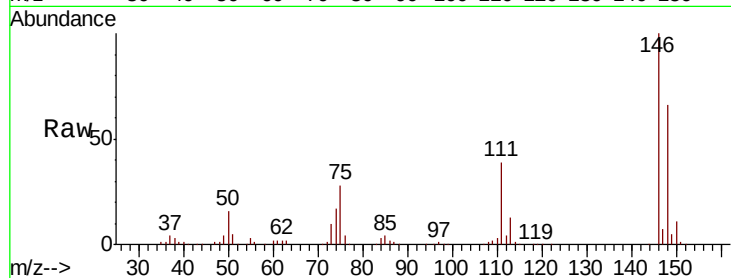




#13
 1,4-Dichlorobenzene
 Concen: 46.904 ng
 RT: 7.92 min Scan# 823
 Delta R.T. -0.02 min
 Lab File: BG044497.D
 Acq: 19 Feb 2020 20:04

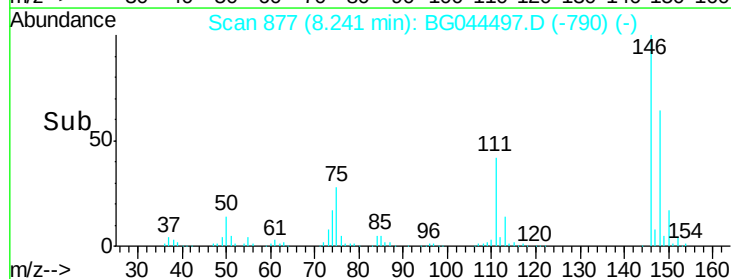
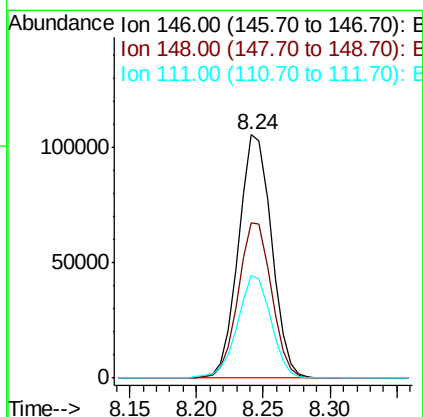
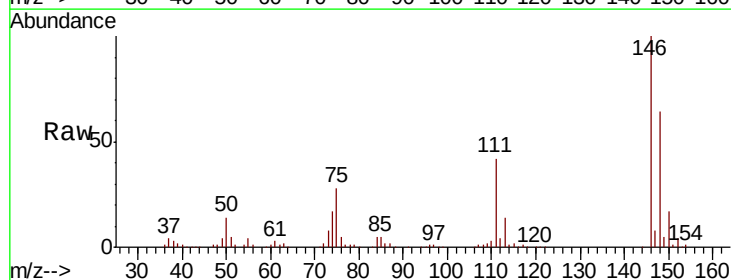
Instrument :
 BNA_G
 ClientSampleId :
 0168-COMP-CM-AMS

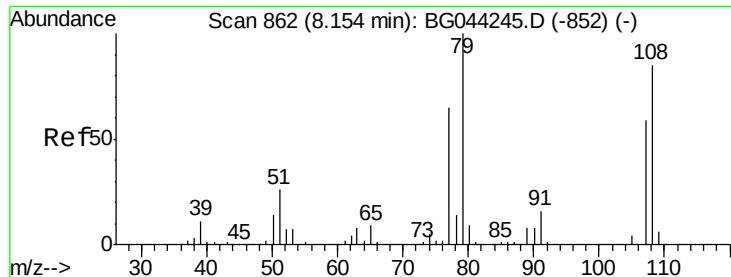
Tot Ion:146 Resp: 192956
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.4 77.0
 111 38.9 31.8 47.8



#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





#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

ClientSampleId :

0168-COMP-CM-AMS

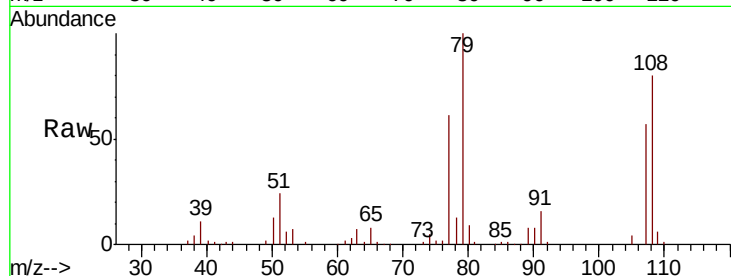
Tot Ion: 79 Resp: 146769

Ion Ratio Lower Upper

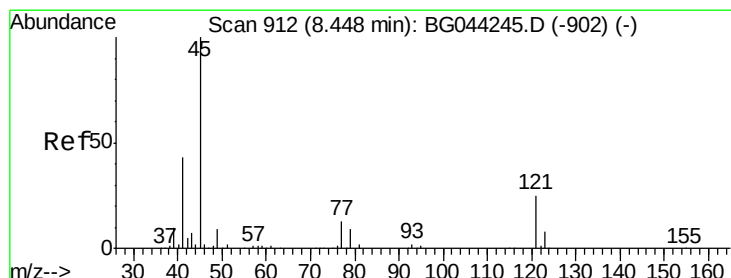
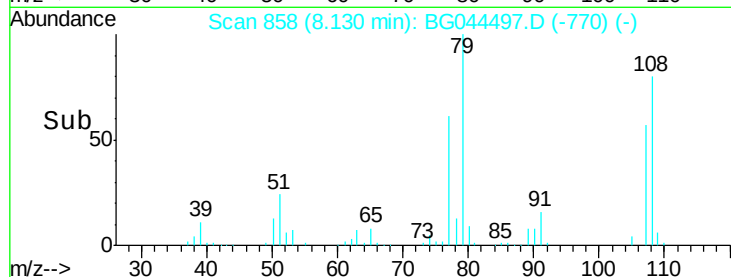
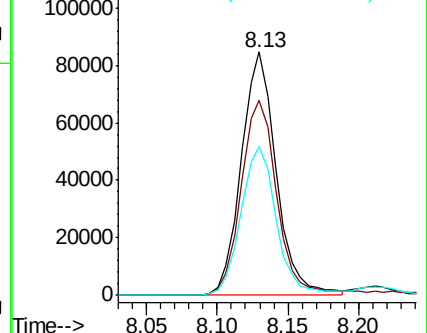
79 100

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

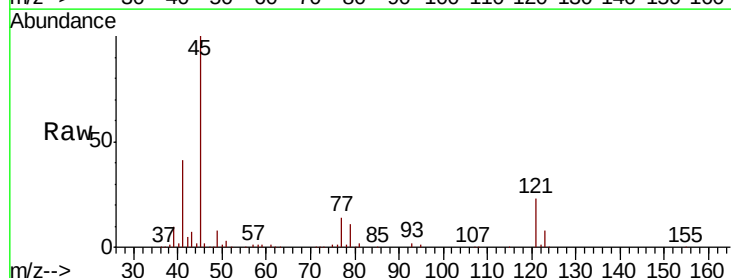
Tgt Ion: 45 Resp: 214082

Ion Ratio Lower Upper

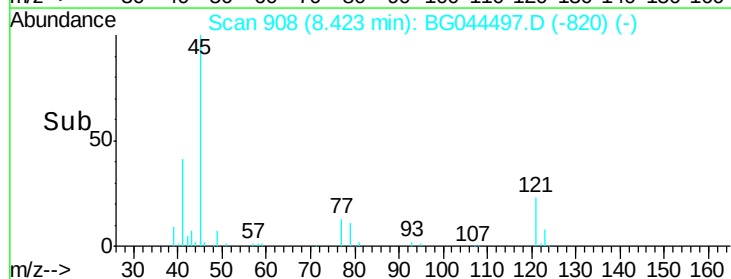
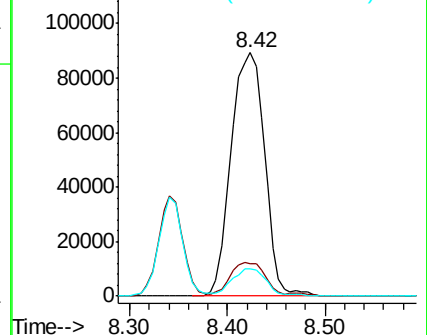
45 100

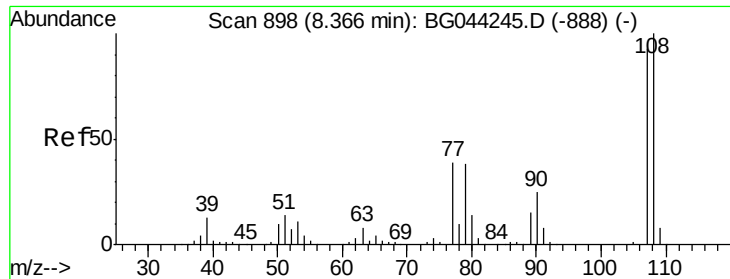
77 13.6 0.0 35.2

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

ClientSampleId :

0168-COMP-CM-AMS

Tot Ion:107 Resp: 150579

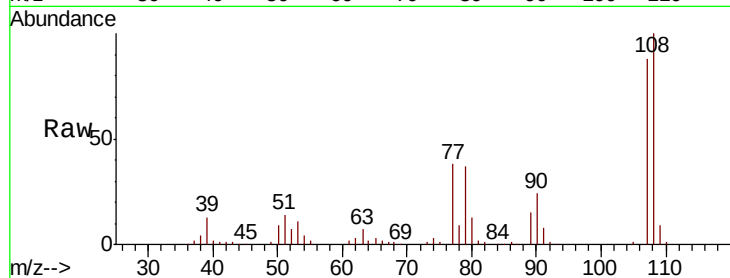
Ion Ratio Lower Upper

107 100

108 113.5 86.4 129.6

77 42.7 34.0 51.0

79 41.8 32.9 49.3

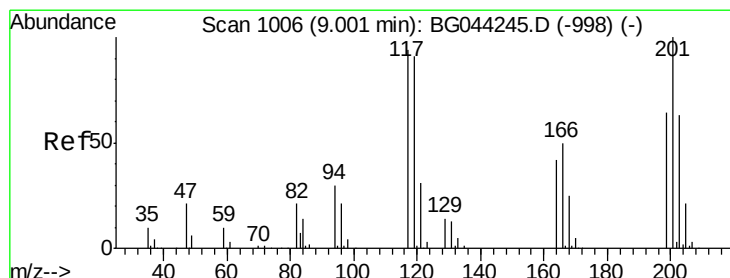
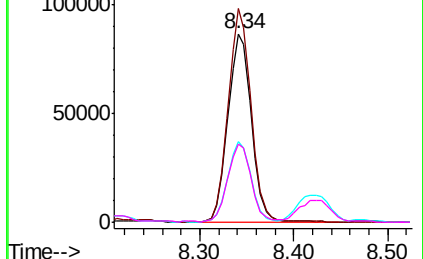
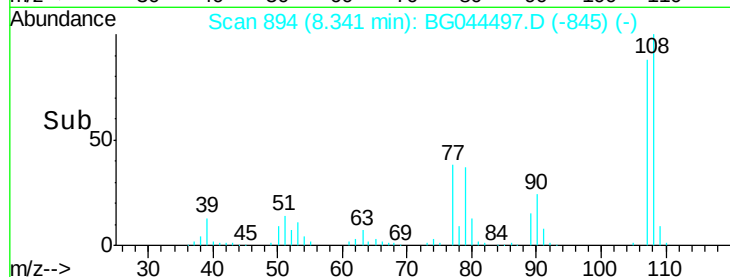


Abundance Ion 107.00 (106.70 to 107.70): E

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

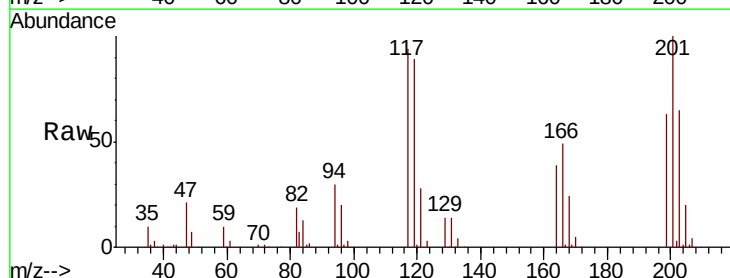
Tgt Ion:117 Resp: 69319

Ion Ratio Lower Upper

117 100

119 94.7 77.5 116.3

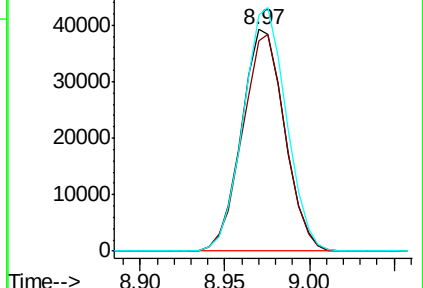
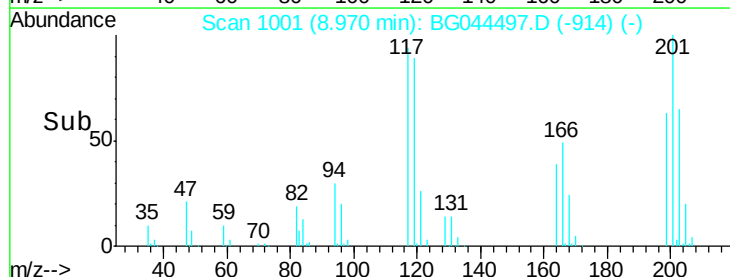
201 106.2 84.9 127.3

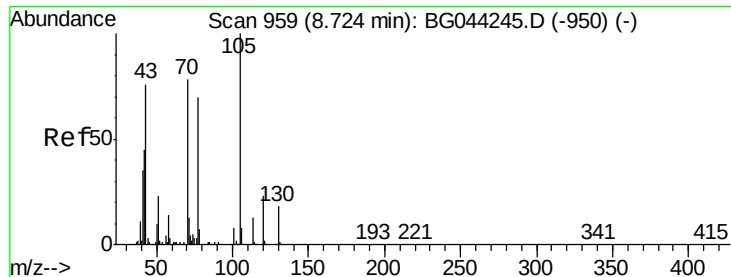


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

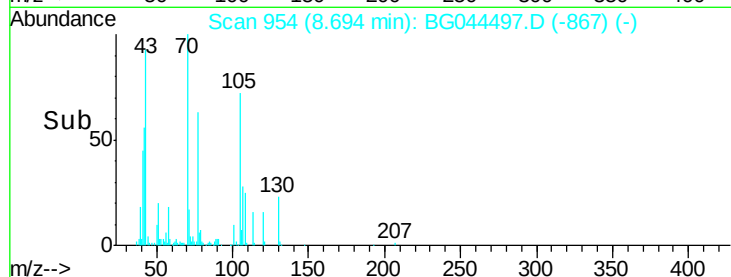
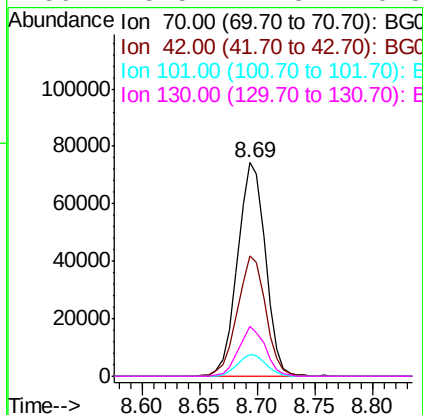
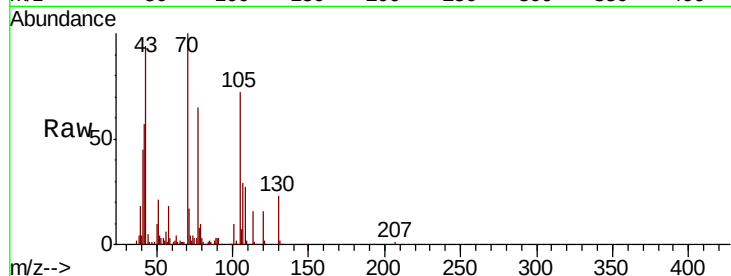




#19
n-Nitroso-di-n-propylamine
Concen: 43.904 ng
RT: 8.69 min Scan# 954
Delta R.T. -0.02 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

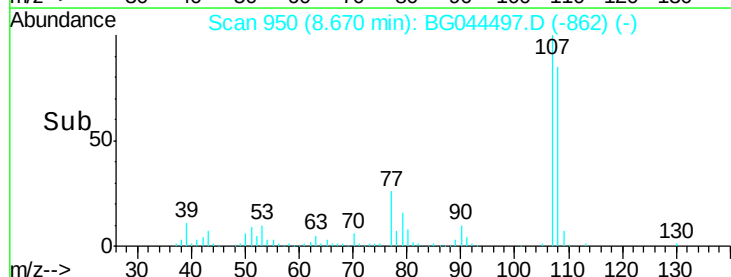
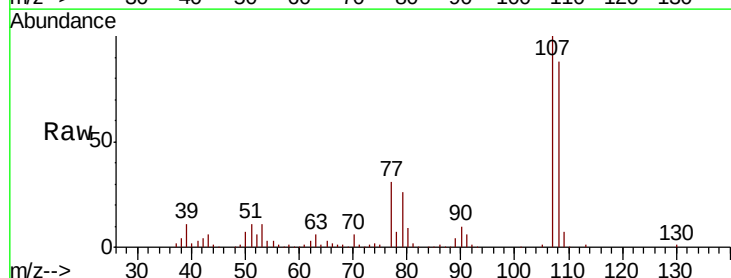
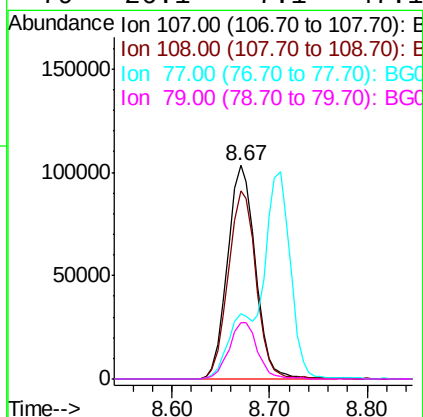
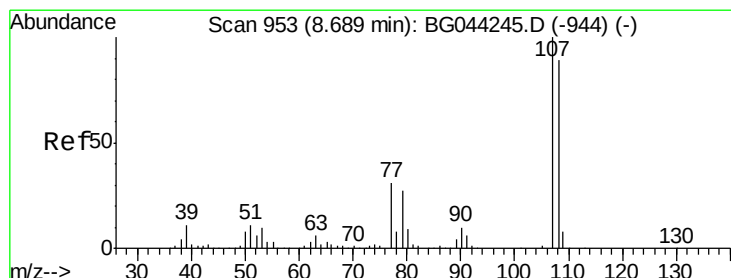
Instrument :
BNA_G
ClientSampleId :
0168-COMP-CM-AMS

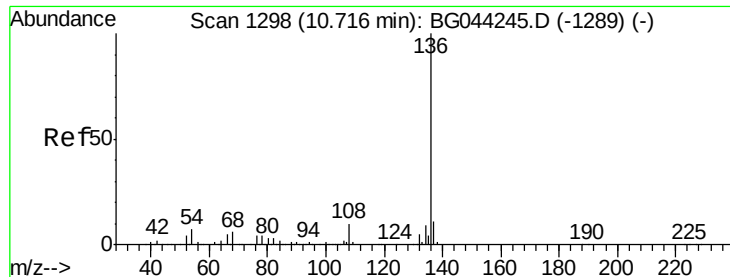
Tot Ion:	70	Resp:	124373
Ion	Ratio	Lower	Upper
70	100		
42	56.6	46.2	69.2
101	10.2	8.4	12.6
130	23.5	17.8	26.8



#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

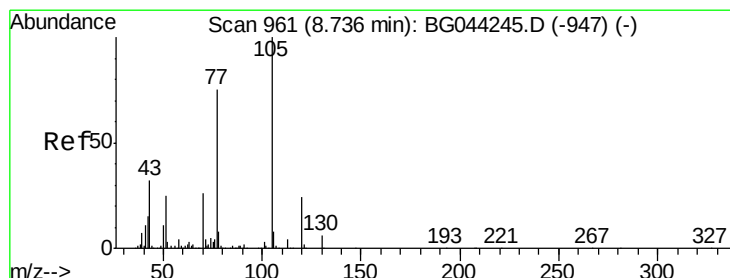
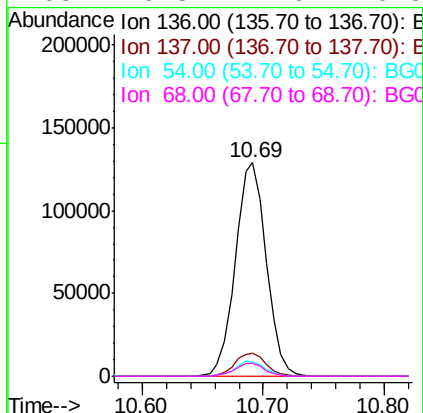
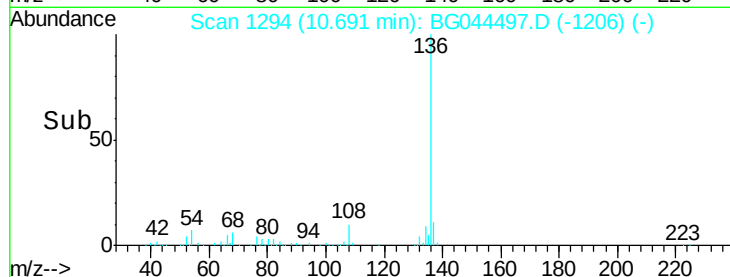
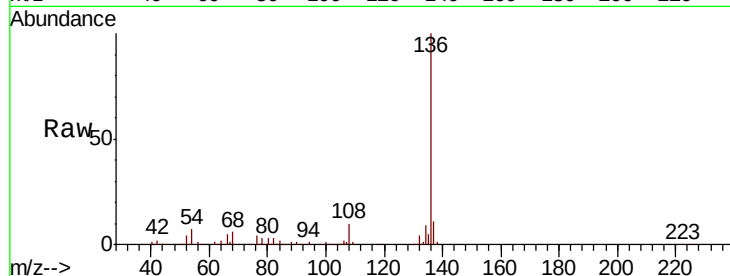




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

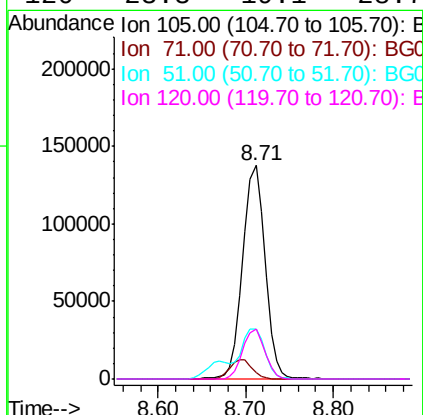
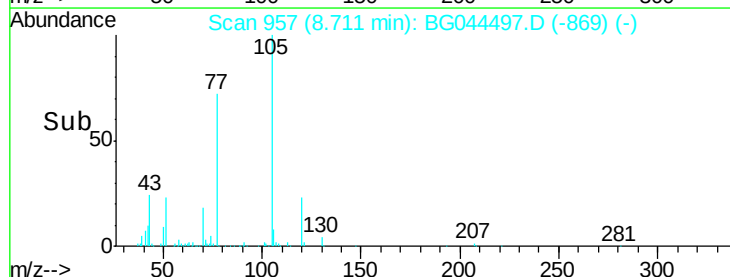
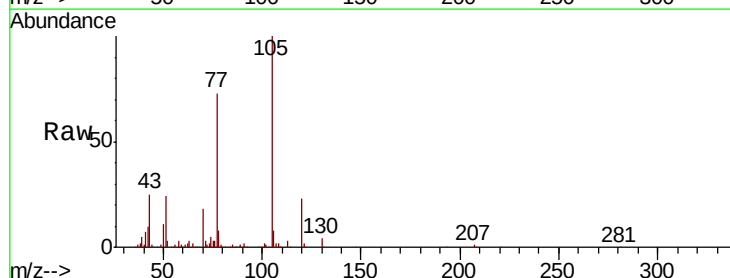
Instrument :
BNA_G
ClientSampleId :
0168-COMP-CM-AMS

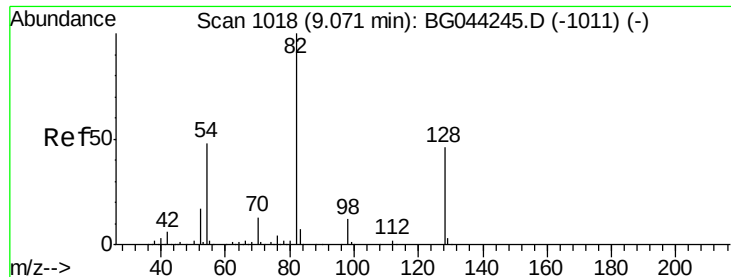
Tot Ion:136	Resp: 229077
Ion Ratio	Lower Upper
136 100	
137 10.9	8.8 13.2
54 6.5	5.8 8.8
68 5.8	4.6 6.8



#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

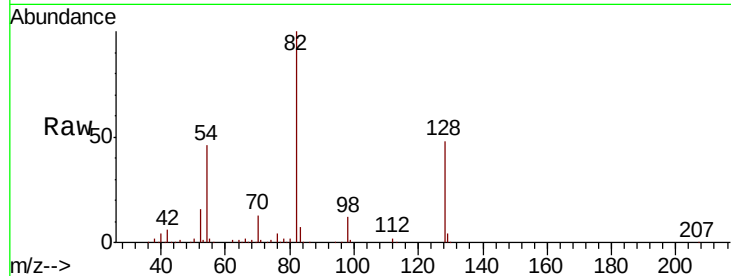




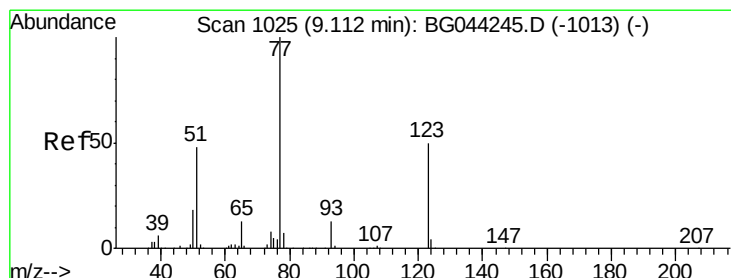
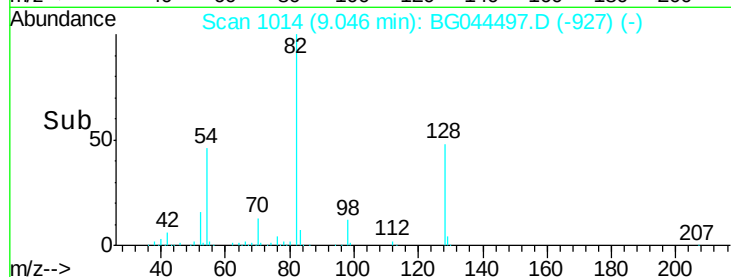
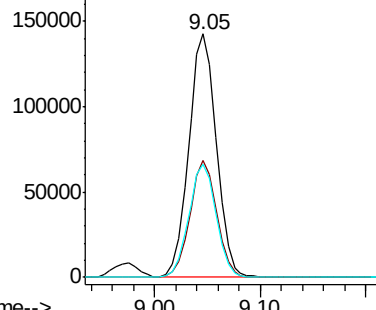
#23
 Nitrobenzene-d5
 Concen: 63.729 ng
 RT: 9.05 min Scan# 1014
 Delta R.T. -0.02 min
 Lab File: BG044497.D
 Acq: 19 Feb 2020 20:04

Instrument :
 BNA_G
 ClientSampleId :
 0168-COMP-CM-AMS

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

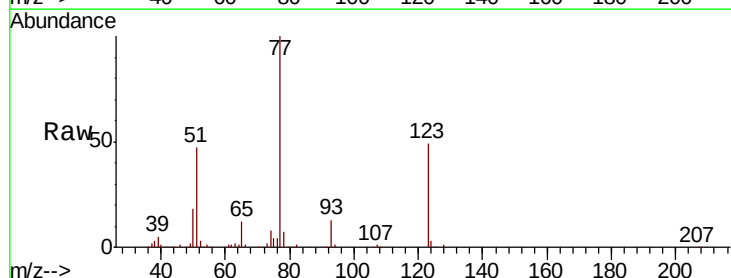


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

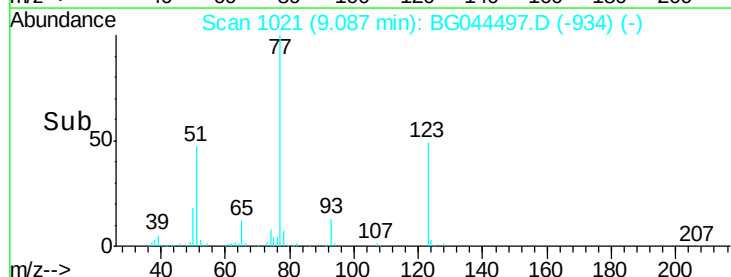
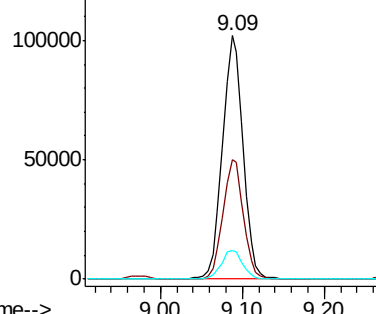


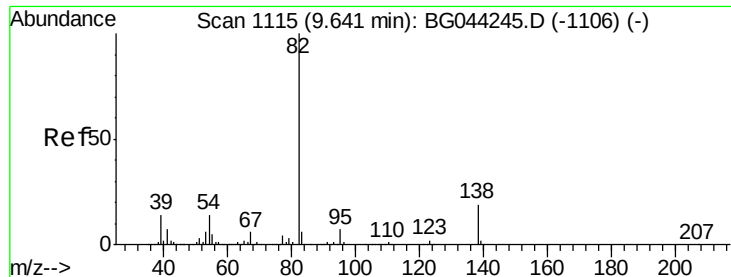
#24
 Nitrobenzene
 Concen: 45.181 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.02 min
 Lab File: BG044497.D
 Acq: 19 Feb 2020 20:04

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 :

0168-COMP-CM-AMS

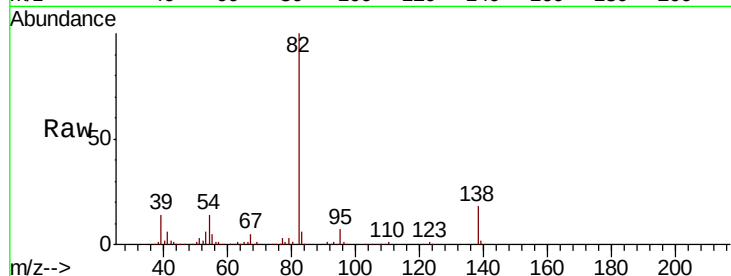
Tot Ion: 82 Resp: 346492

Ion Ratio Lower Upper

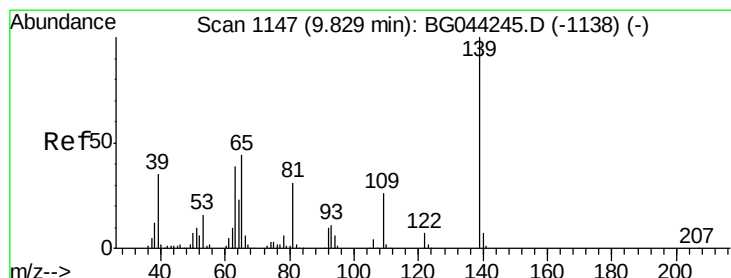
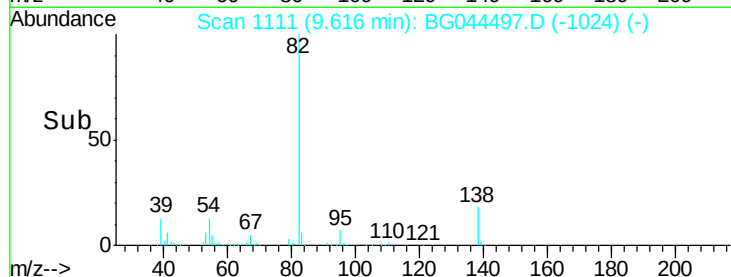
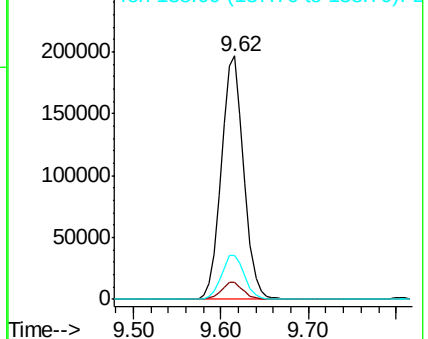
82 100

95 6.8 5.7 8.5

138 18.2 15.0 22.4



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



#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

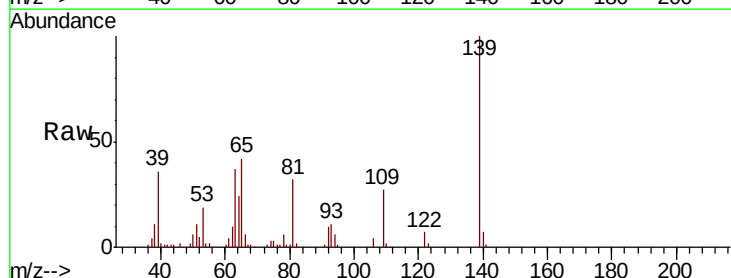
Tgt Ion: 139 Resp: 103826

Ion Ratio Lower Upper

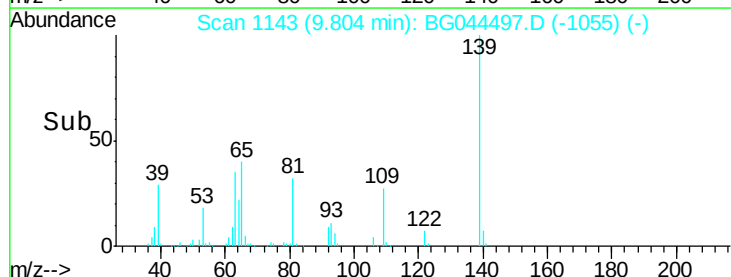
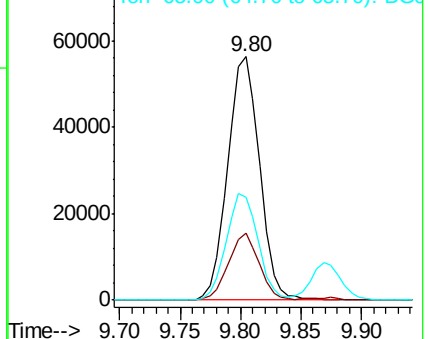
139 100

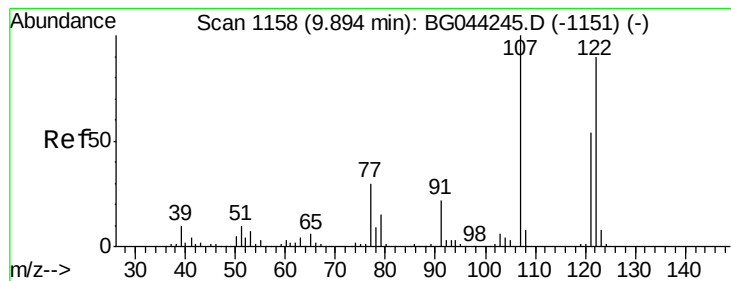
109 27.3 21.0 31.4

65 42.5 35.0 52.4



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





#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

ClientSampleId :

0168-COMP-CM-AMS

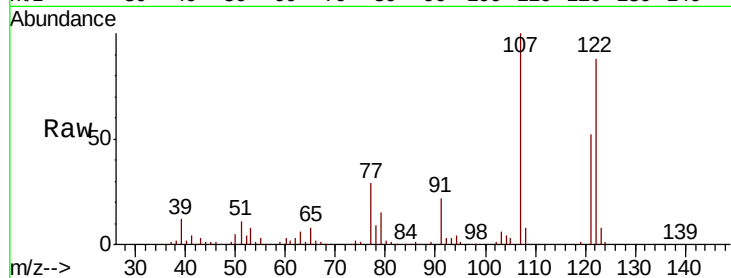
Tot Ion:122 Resp: 165366

Ion Ratio Lower Upper

122 100

107 113.9 88.8 133.2

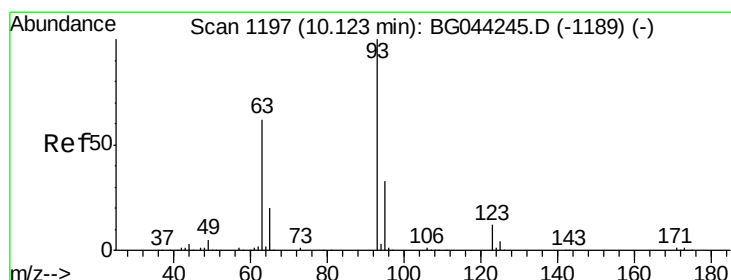
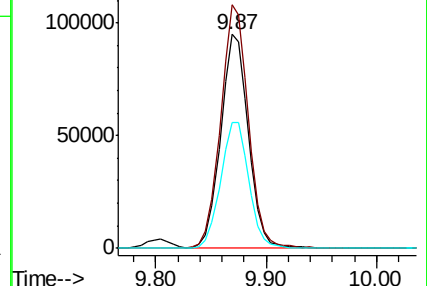
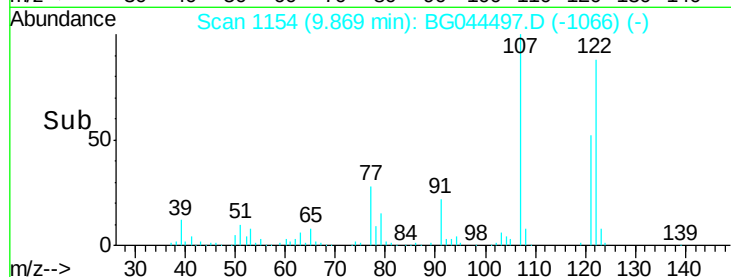
121 59.0 48.3 72.5



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

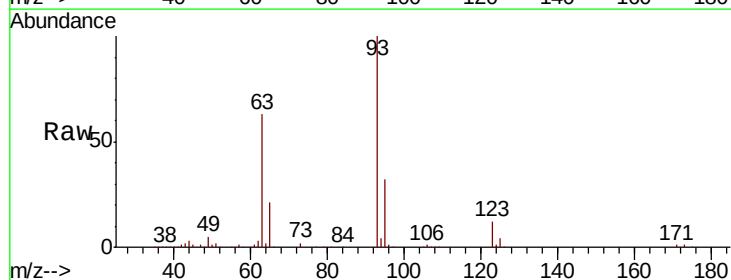
Tgt Ion: 93 Resp: 214225

Ion Ratio Lower Upper

93 100

95 32.4 26.6 40.0

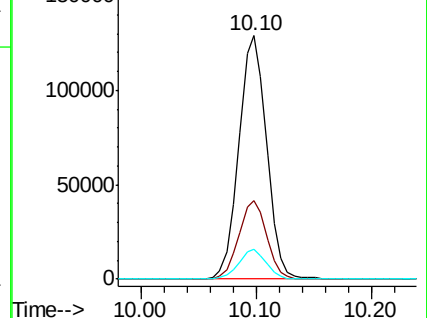
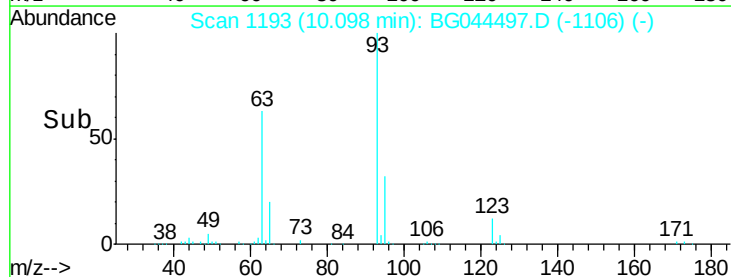
123 12.2 10.0 15.0

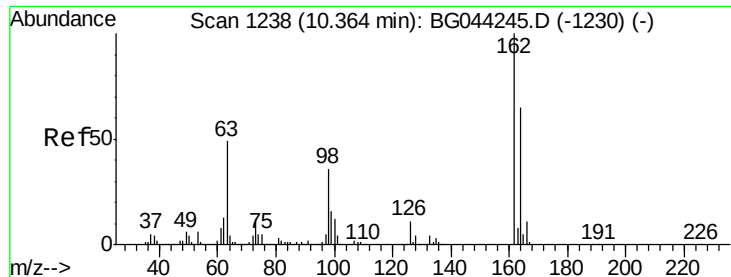


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

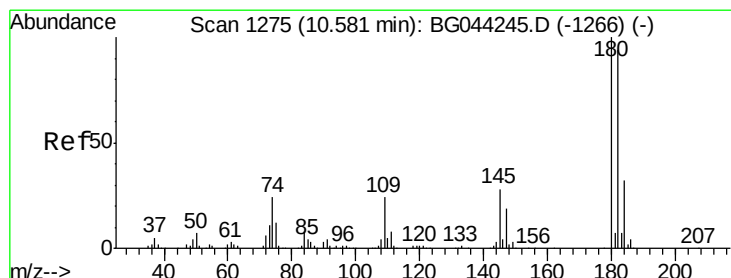
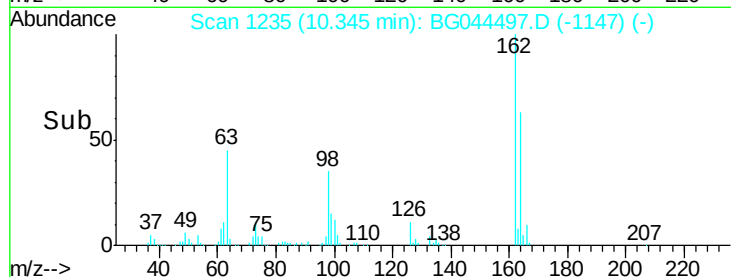
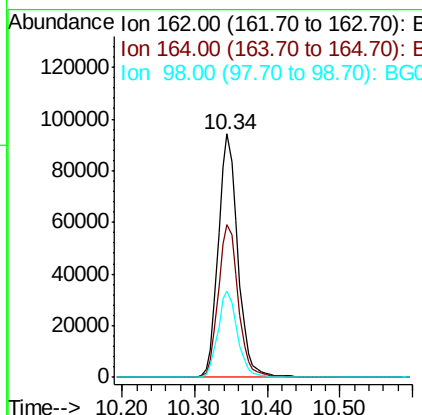
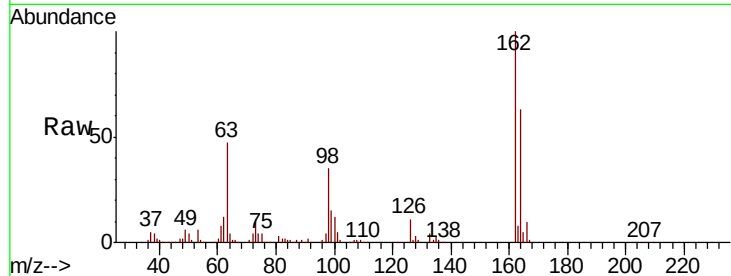




#29
 2,4-Dichlorophenol
 Concen: 50.383 ng
 RT: 10.34 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BG044497.D
 Acq: 19 Feb 2020 20:04

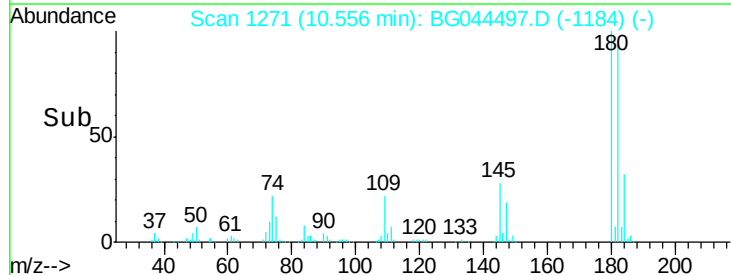
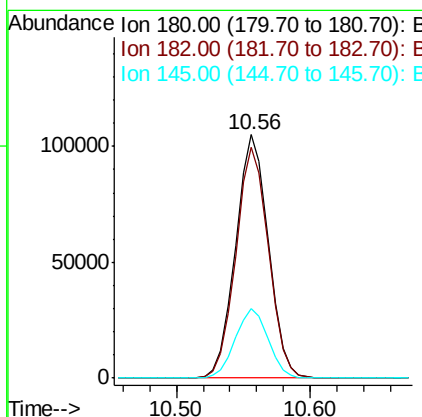
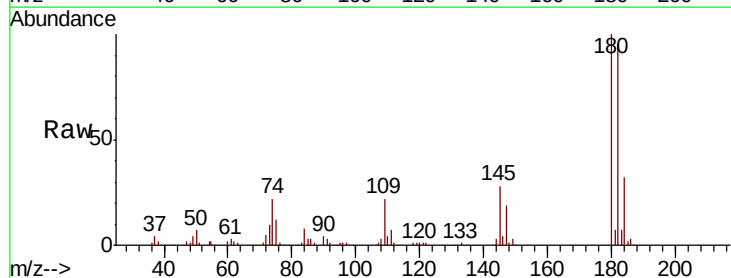
Instrument :
 BNA_G
 ClientSampleId :
 0168-COMP-CM-AMS

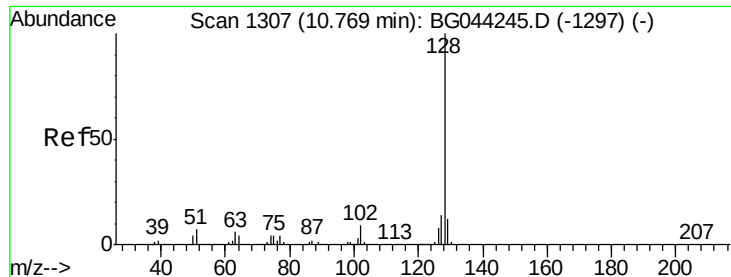
Tot Ion	162	Resp	176762
Ion	Ratio	Lower	Upper
162	100		
164	63.0	44.7	84.7
98	35.2	15.8	55.8



#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

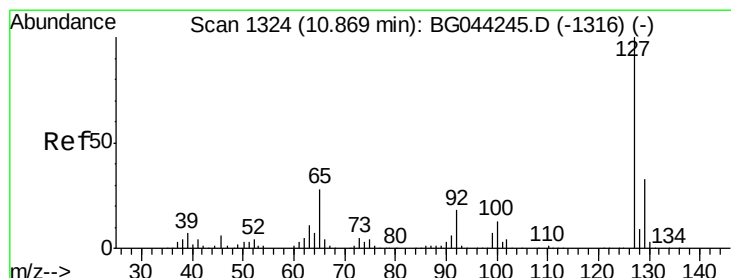
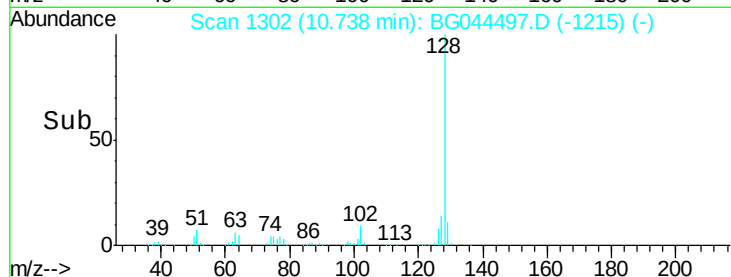
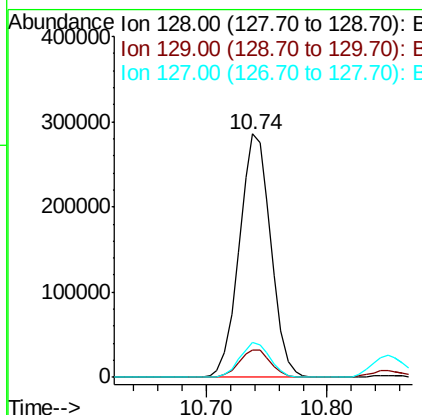
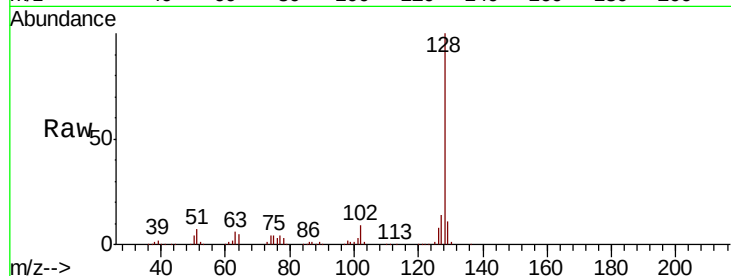




#31
Naphthalene
Concen: 46.544 ng
RT: 10.74 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

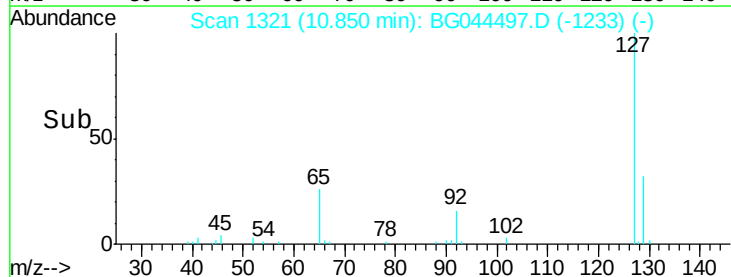
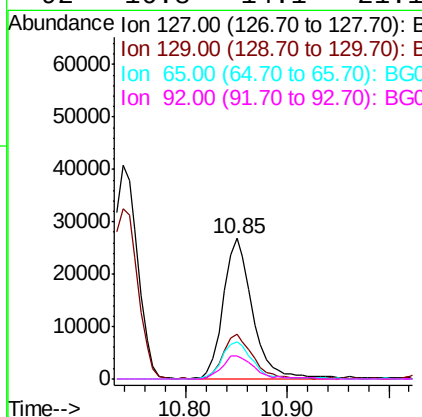
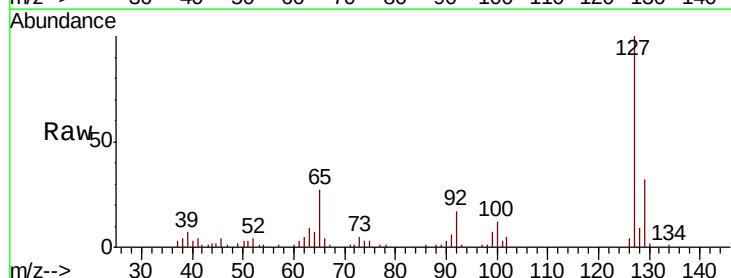
Instrument :
BNA_G
ClientSampleId :
0168-COMP-CM-AMS

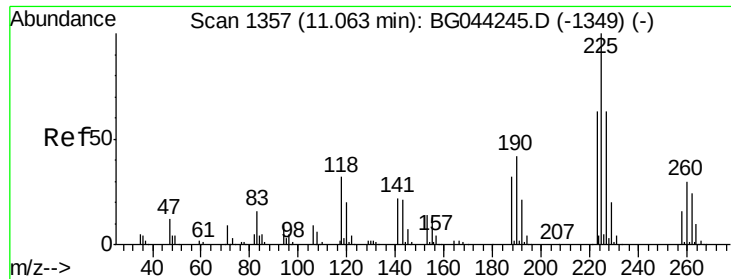
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.3	13.9
127	14.3	11.6	17.4



#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

Tgt 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





#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

Instrument :

BNA_G

ClientSampleId :

0168-COMP-CM-AMS

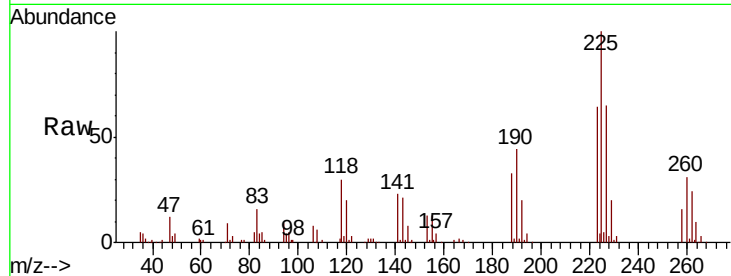
Tot Ion:225 Resp: 105004

Ion Ratio Lower Upper

225 100

223 63.6 50.2 75.4

227 65.3 50.8 76.2

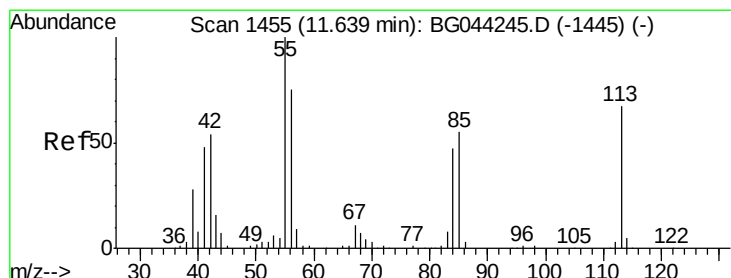
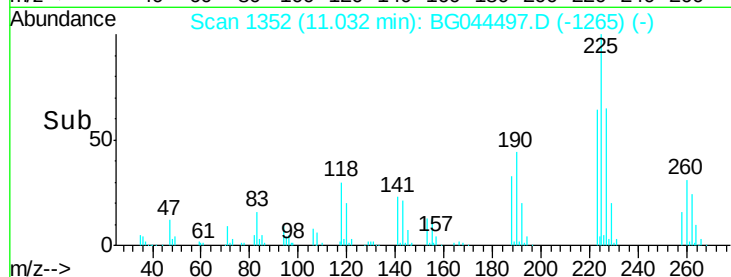
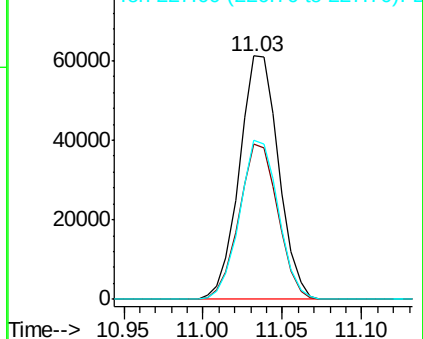


Abundance

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

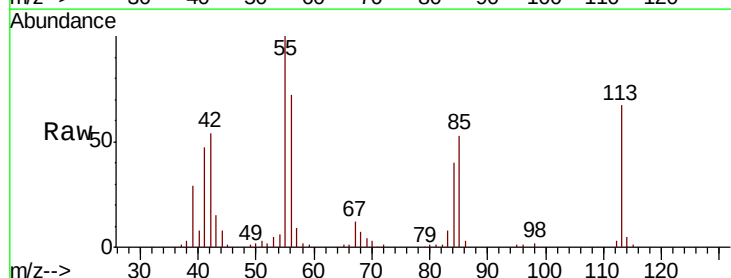
Tgt Ion:113 Resp: 78679

Ion Ratio Lower Upper

113 100

55 150.2 129.9 169.9

56 108.5 92.5 132.5

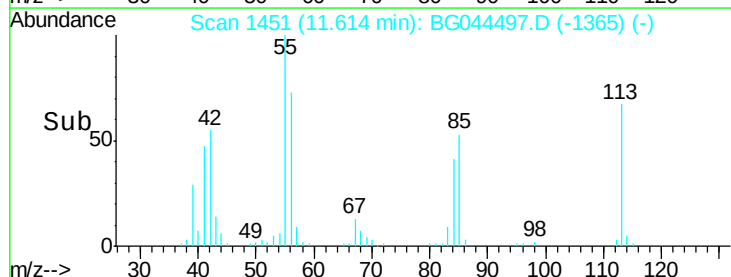
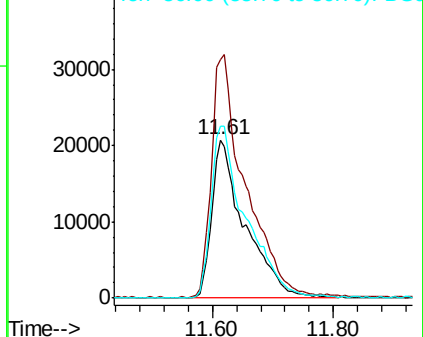


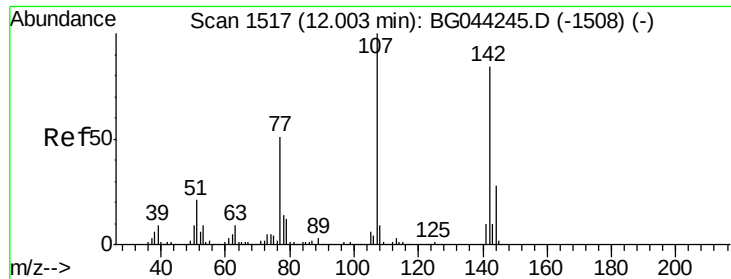
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC

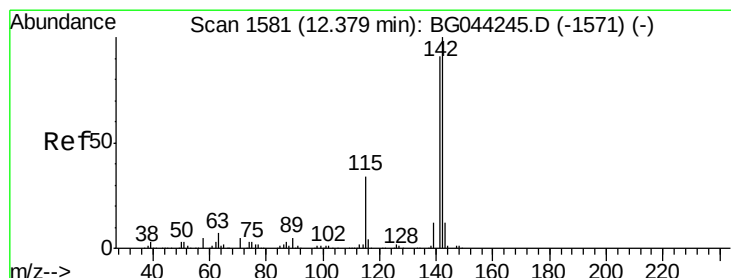
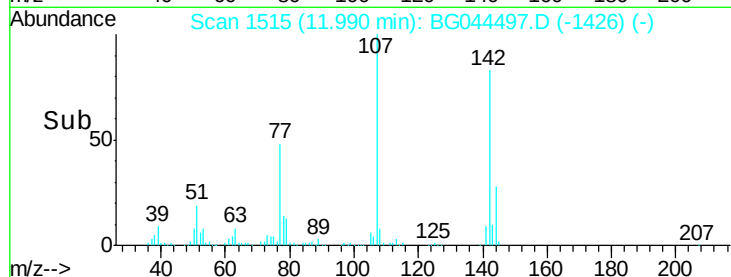
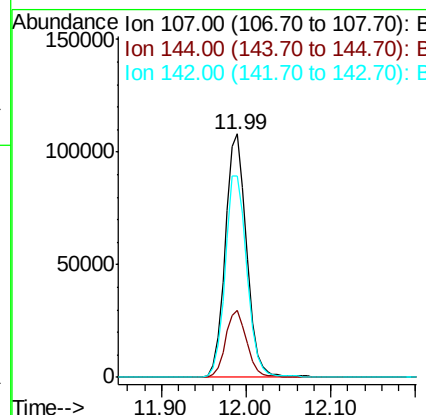
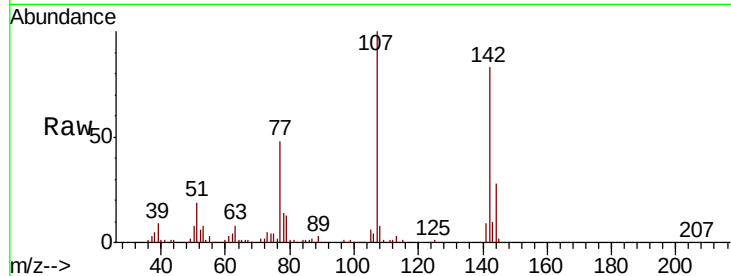




#36
 4-Chloro-3-methylphenol
 Concen: 51.431 ng
 RT: 11.99 min Scan# 1515
 Delta R.T. -0.00 min
 Lab File: BG044497.D
 Acq: 19 Feb 2020 20:04

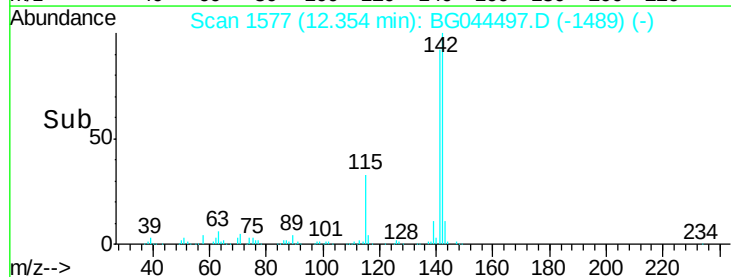
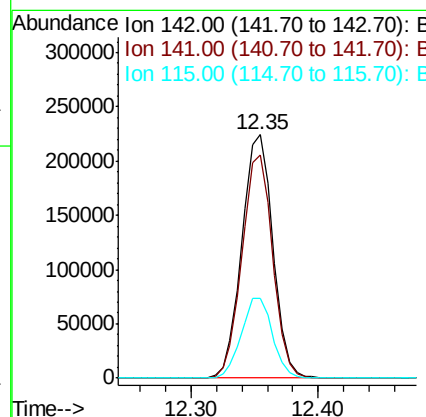
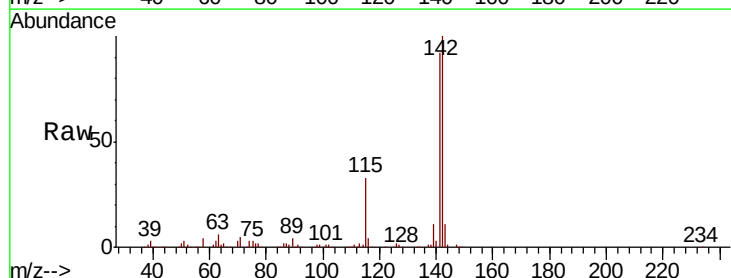
Instrument :
 BNA_G
 ClientSampleId :
 0168-COMP-CM-AMS

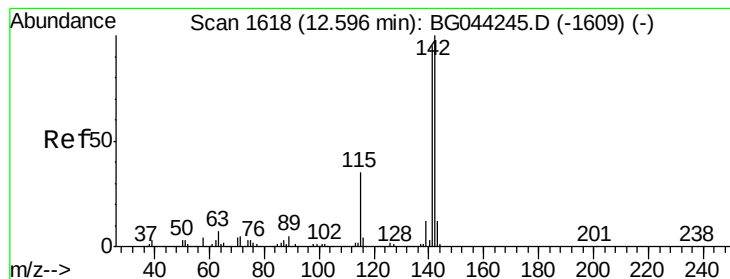
Tot Ion	Ratio	Lower	Upper
107	100		
144	27.6	22.2	33.4
142	83.0	67.4	101.0



#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

Tgt 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

Instrument :

BNA_G

ClientSampleId :

0168-COMP-CM-AMS

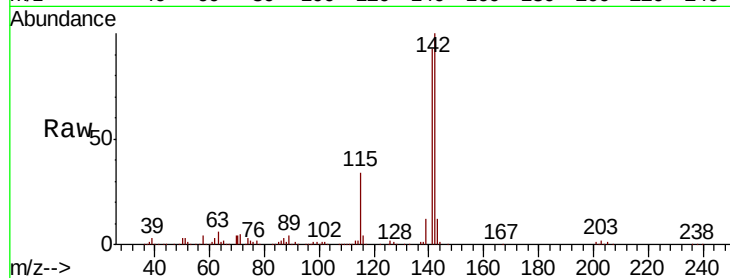
Tot Ion:142 Resp: 363072

Ion Ratio Lower Upper

142 100

141 92.7 75.8 113.6

116 3.7 3.1 4.7

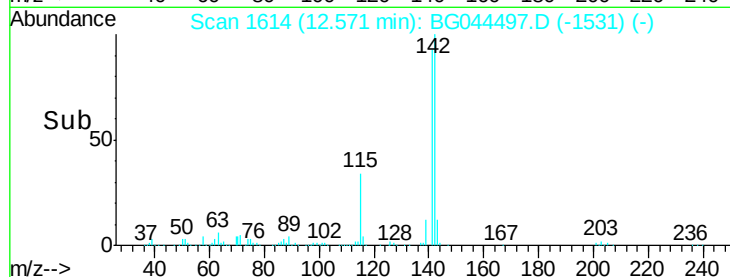


Abundance Ion 142.00 (141.70 to 142.70): E

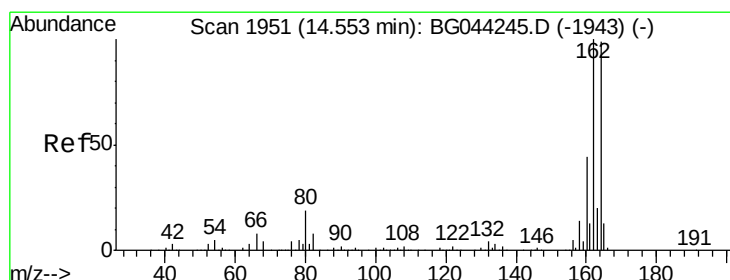
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

Time-->



Time-->



#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

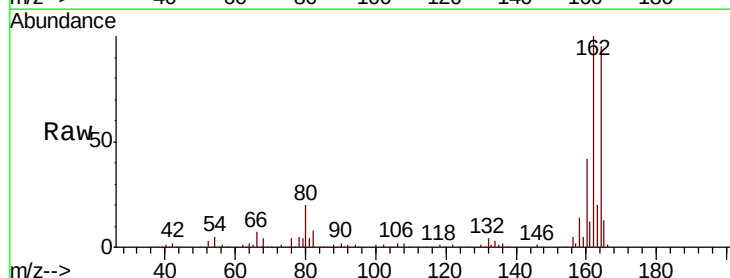
Tgt Ion:164 Resp: 150685

Ion Ratio Lower Upper

164 100

162 104.8 80.7 121.1

160 44.1 35.3 52.9

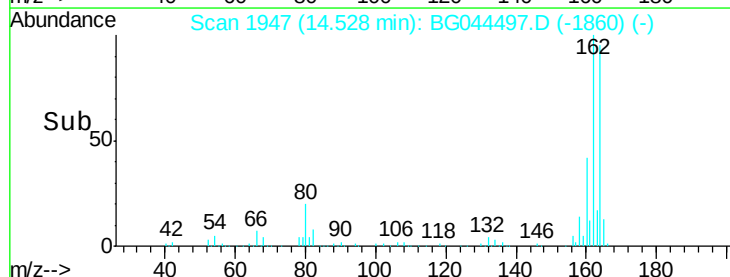


Abundance Ion 164.00 (163.70 to 164.70): E

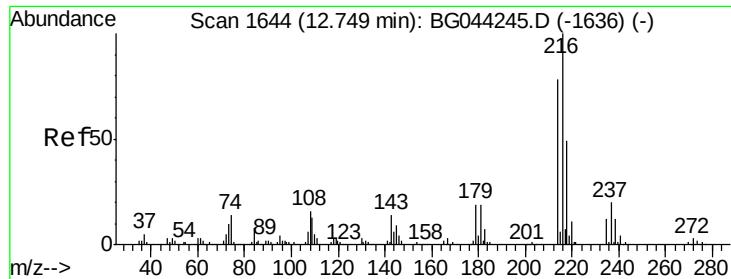
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->



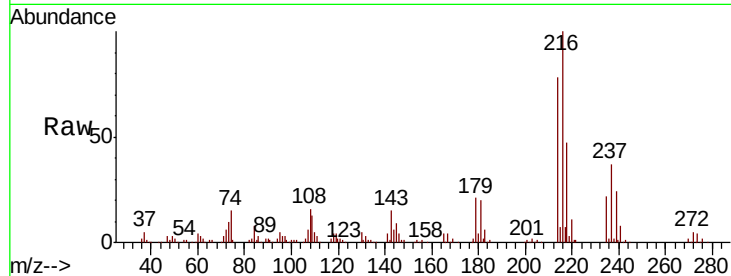
Time-->



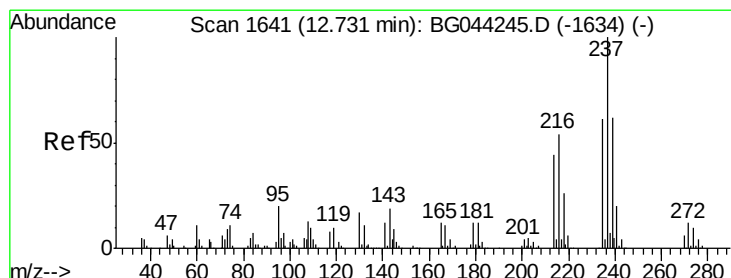
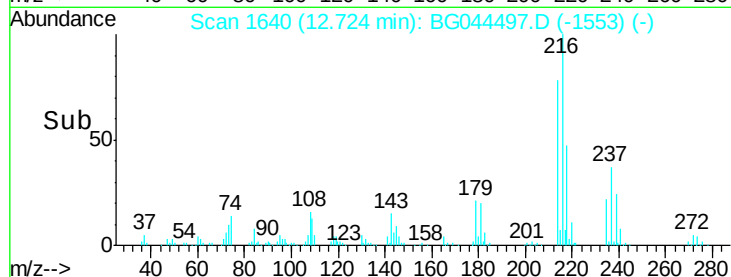
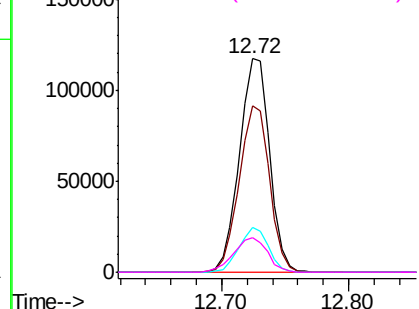
#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.799 ng
RT: 12.72 min Scan# 1640
Delta R.T. -0.02 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

Instrument :
BNA_G
ClientSampleId :
0168-COMP-CM-AMS

Tot 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

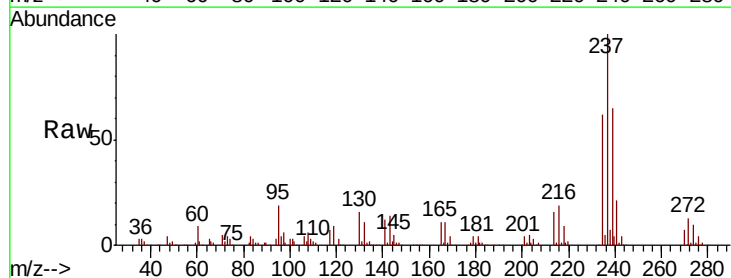


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

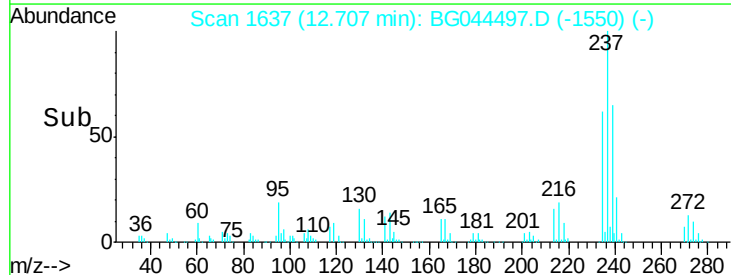
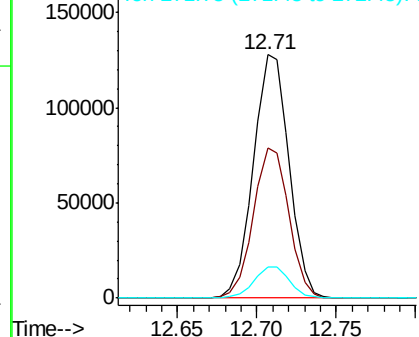


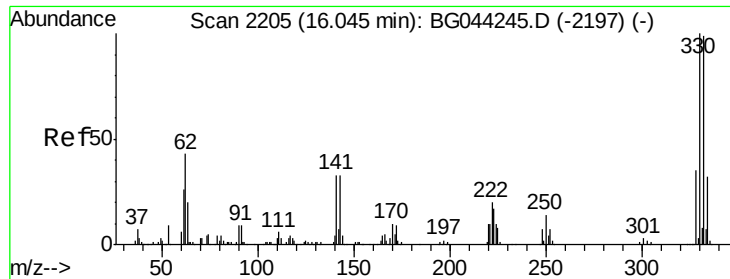
#41
Hexachlorocyclopentadiene
Concen: 92.370 ng
RT: 12.71 min Scan# 1637
Delta R.T. -0.02 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

Tgt 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

Instrument :

BNA_G

ClientSampleId :

0168-COMP-CM-AMS

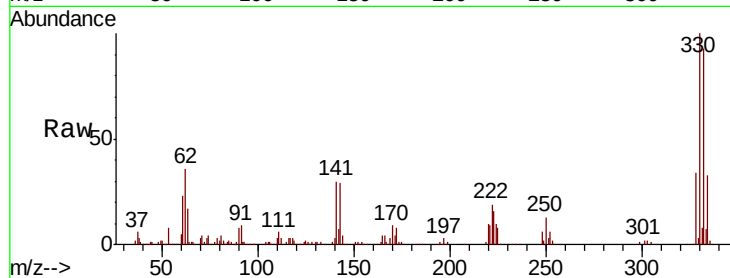
Tot Ion:330 Resp: 198781

Ion Ratio Lower Upper

330 100

332 96.3 77.2 115.8

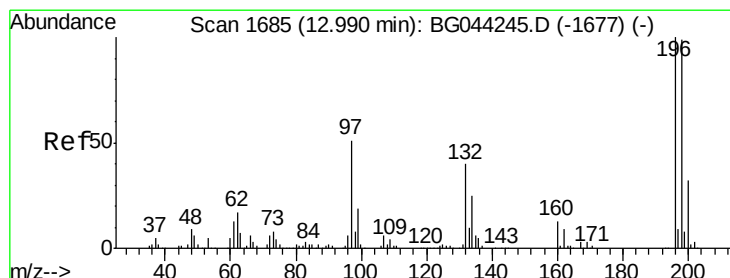
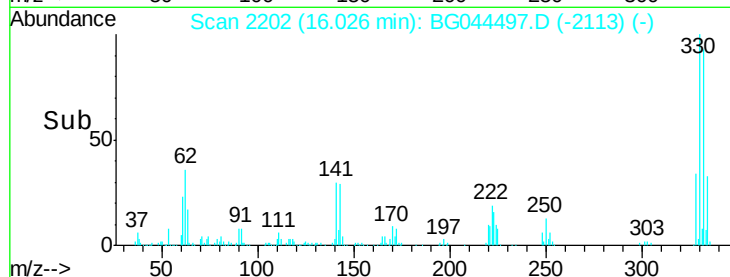
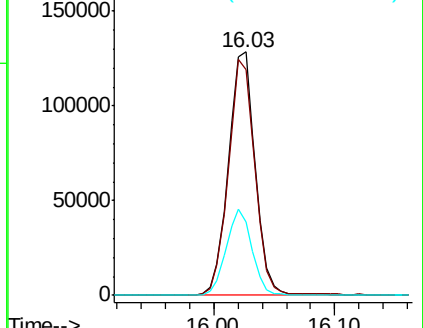
141 34.4 28.3 42.5



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

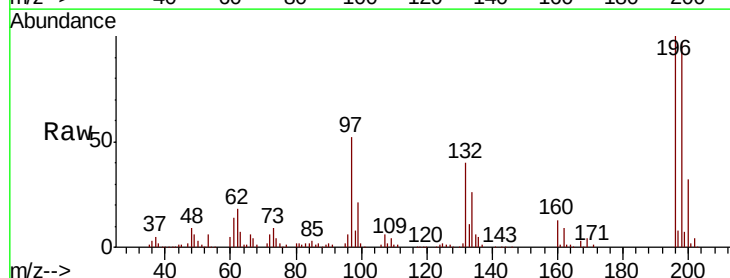
Tgt Ion:196 Resp: 151513

Ion Ratio Lower Upper

196 100

198 97.4 79.3 118.9

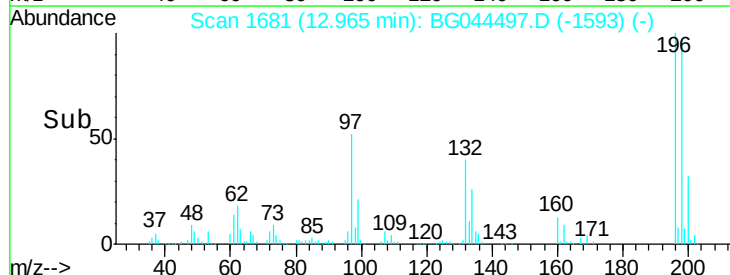
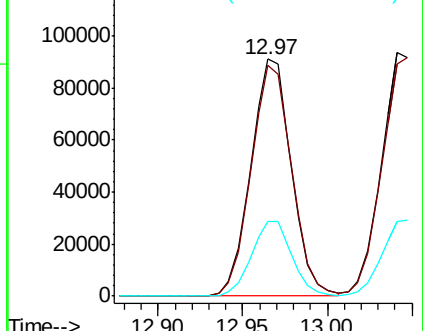
200 31.8 25.7 38.5

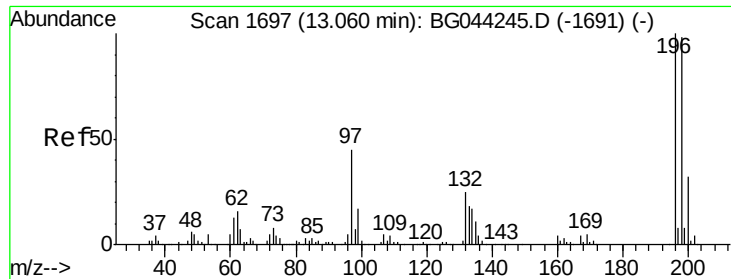


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

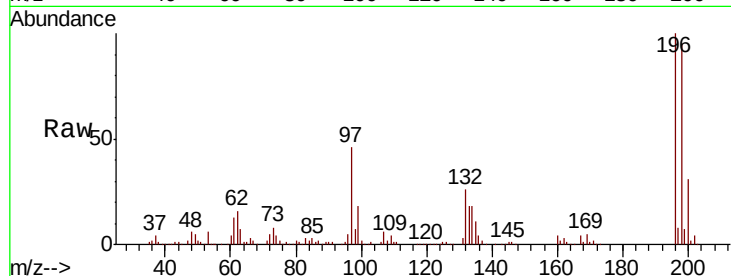




#44
 2,4,5-Trichlorophenol
 Concen: 55.841 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. -0.01 min
 Lab File: BG044497.D
 Acq: 19 Feb 2020 20:04

Instrument :
 BNA_G
 ClientSampleId :
 0168-COMP-CM-AMS

Tot 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



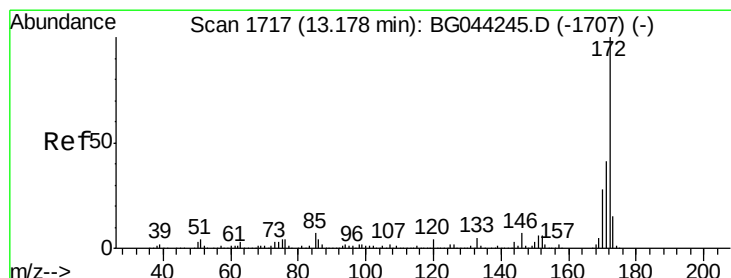
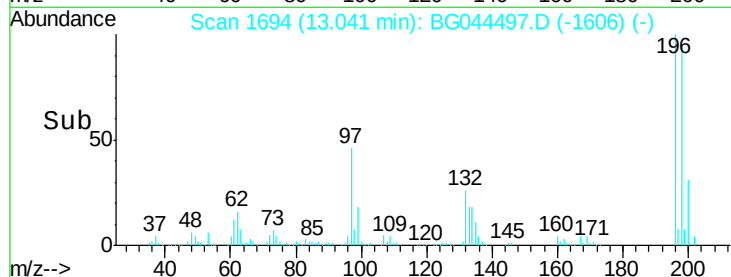
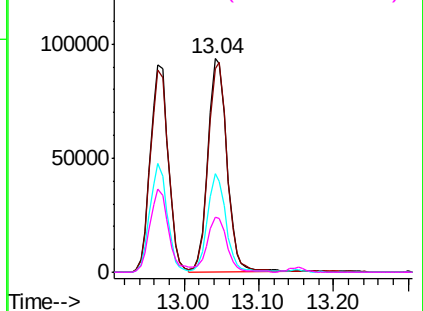
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

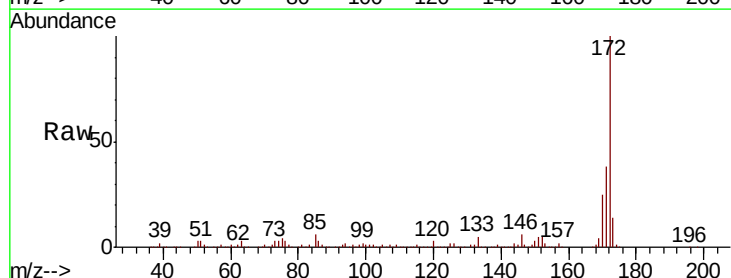
Ion 97.00 (96.70 to 97.70): BGC

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

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

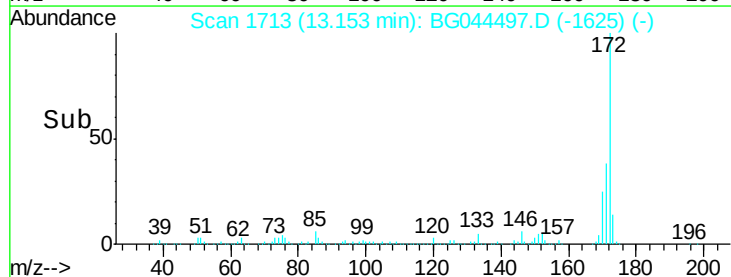
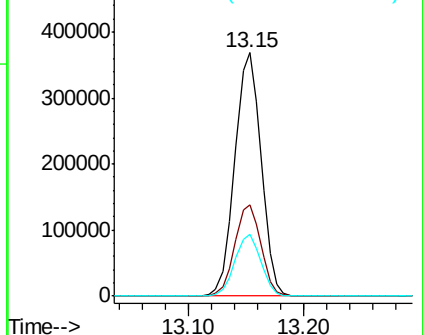


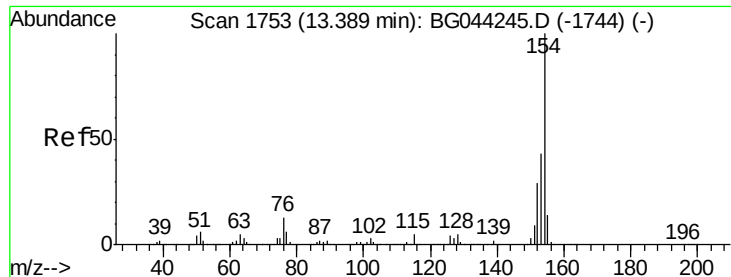
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

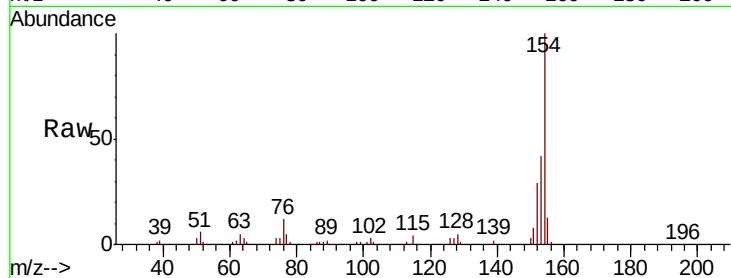




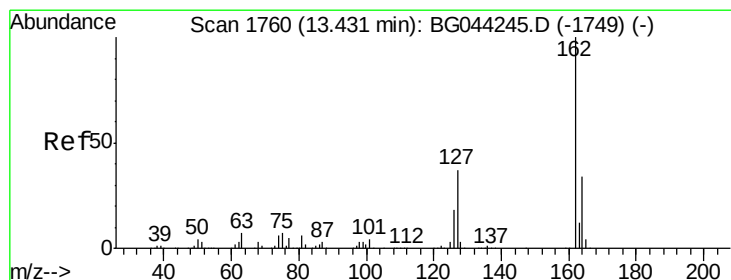
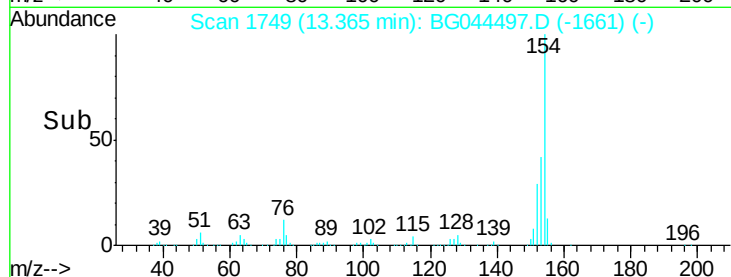
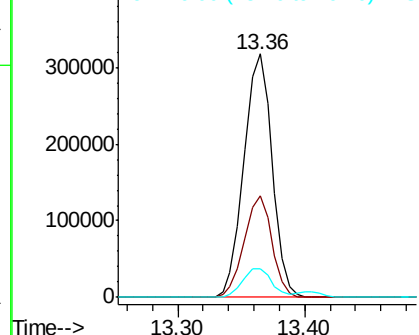
#46
 1,1'-Biphenyl
 Concen: 45.058 ng
 RT: 13.36 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BG044497.D
 Acq: 19 Feb 2020 20:04

Instrument :
 BNA_G
 ClientSampleId :
 0168-COMP-CM-AMS

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

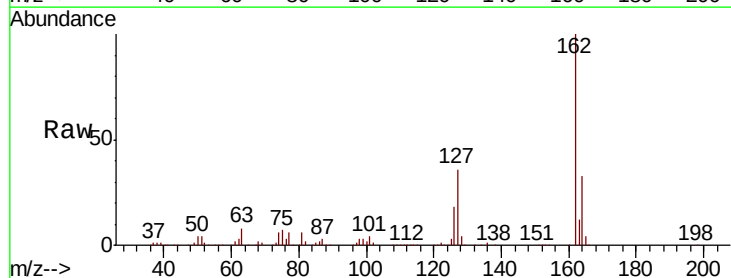


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

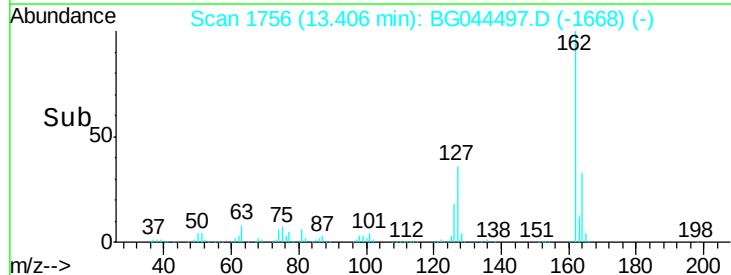
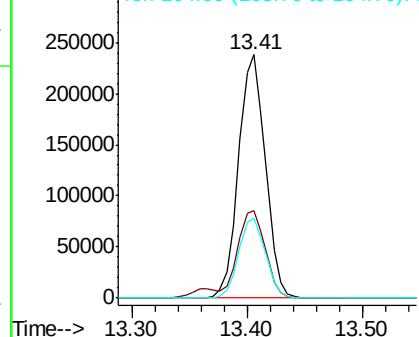


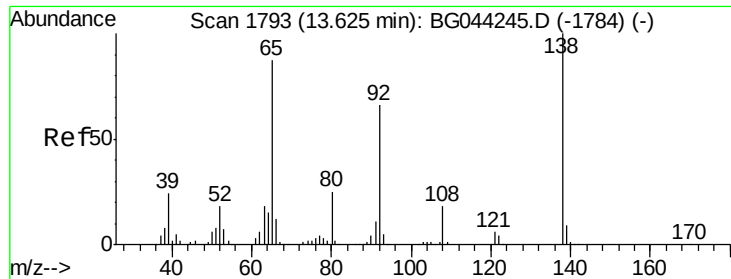
#47
 2-Chloronaphthalene
 Concen: 44.142 ng
 RT: 13.41 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG044497.D
 Acq: 19 Feb 2020 20:04

Tgt 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

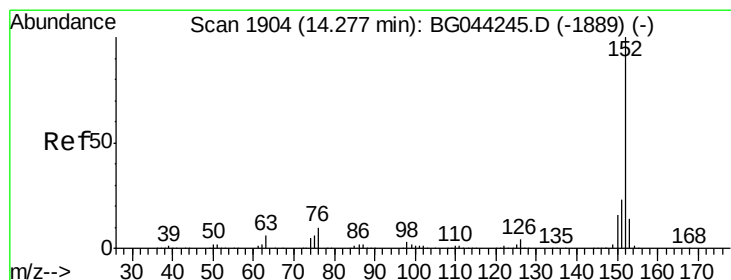
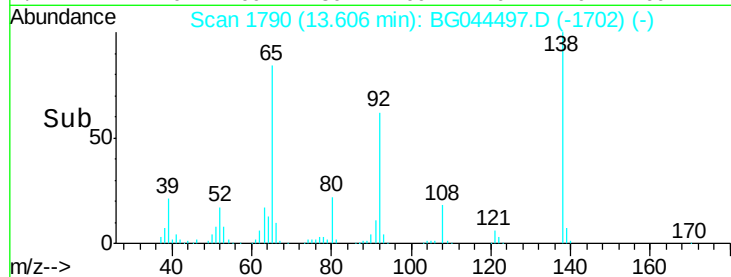
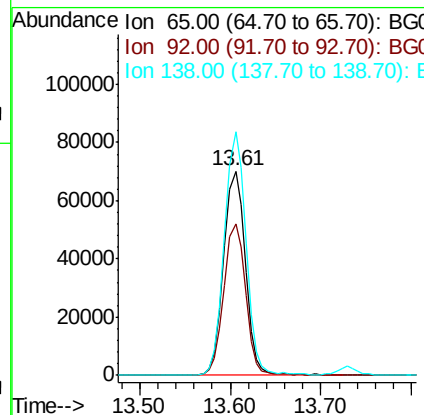
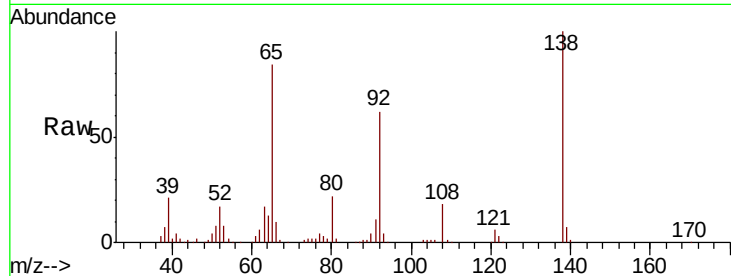




#48
2-Nitroaniline
Concen: 46.275 ng
RT: 13.61 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

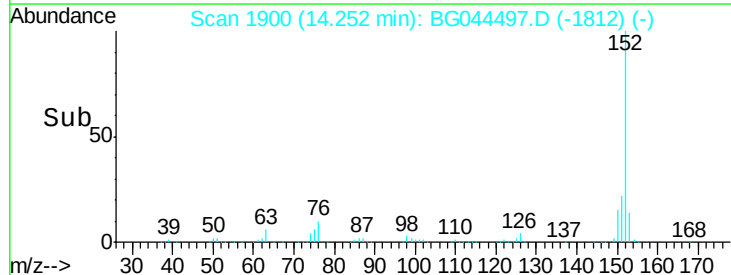
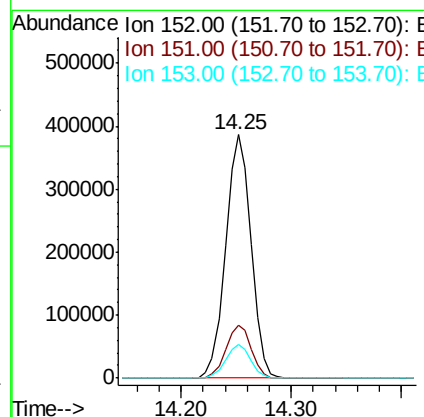
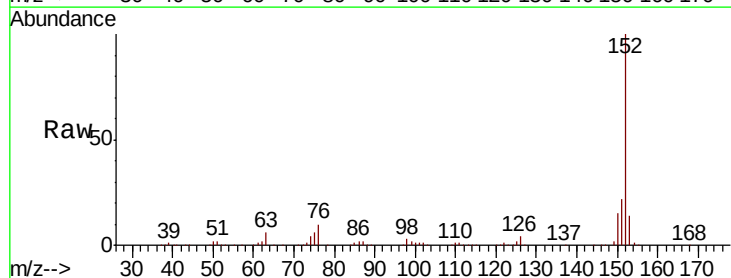
Instrument :
BNA_G
ClientSampleId :
0168-COMP-CM-AMS

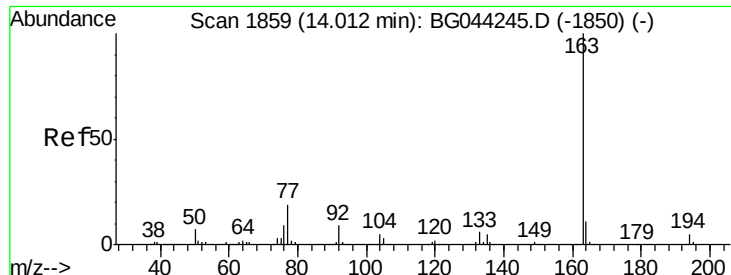
Tot Ion: 65 Resp: 118118
Ion Ratio Lower Upper
65 100
92 74.0 60.3 90.5
138 119.0 91.9 137.9



#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

Tgt Ion: 152 Resp: 615609
Ion Ratio Lower Upper
152 100
151 21.9 18.1 27.1
153 13.9 11.5 17.3





#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

Instrument :

BNA_G

ClientSampleId :

0168-COMP-CM-AMS

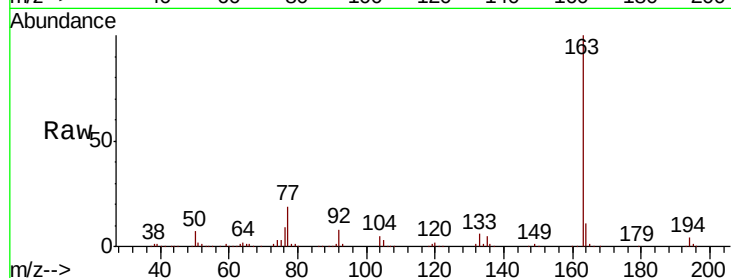
Tot Ion:163 Resp: 533463

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

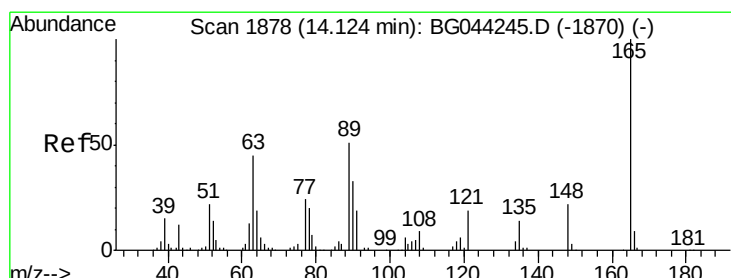
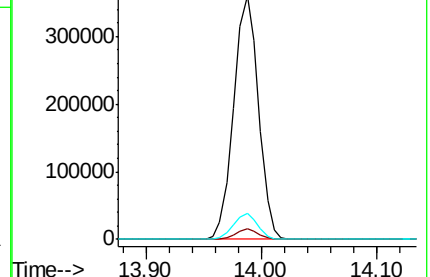
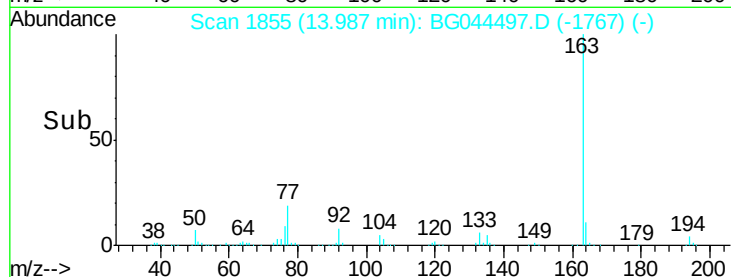
164 10.7 8.7 13.1



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

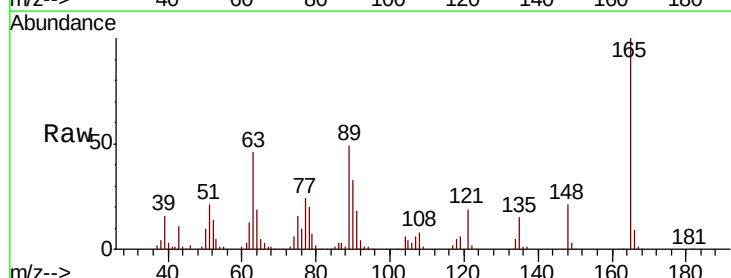
Tgt Ion:165 Resp: 115262

Ion Ratio Lower Upper

165 100

63 45.6 38.7 58.1

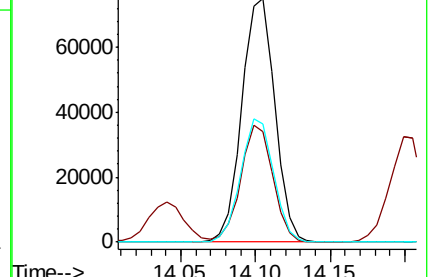
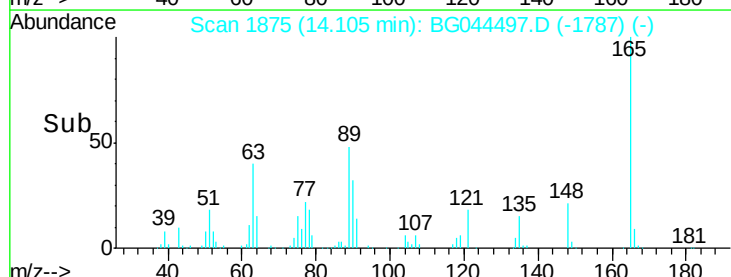
89 48.7 40.4 60.6

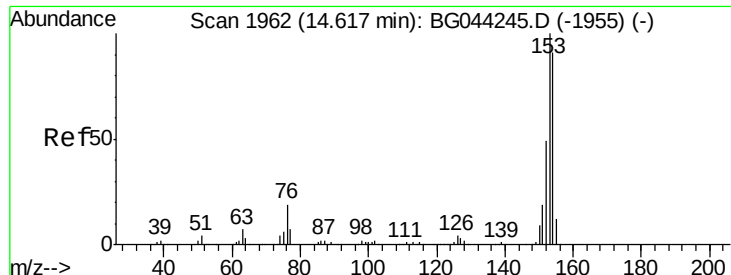


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#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

Instrument :

BNA_G

ClientSampleId :

0168-COMP-CM-AMS

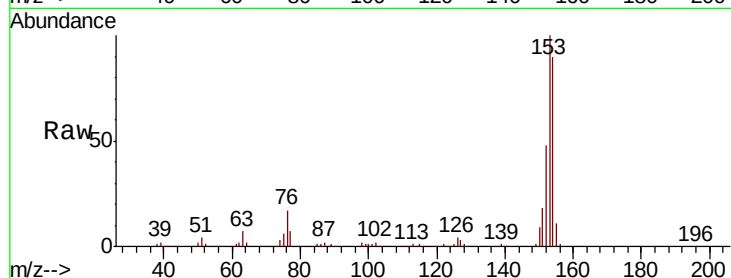
Tot Ion:154 Resp: 376333

Ion Ratio Lower Upper

154 100

153 111.4 87.9 131.9

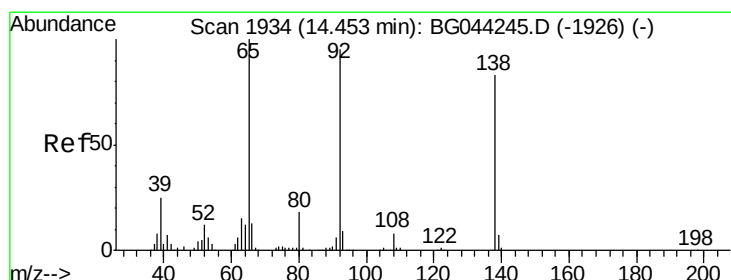
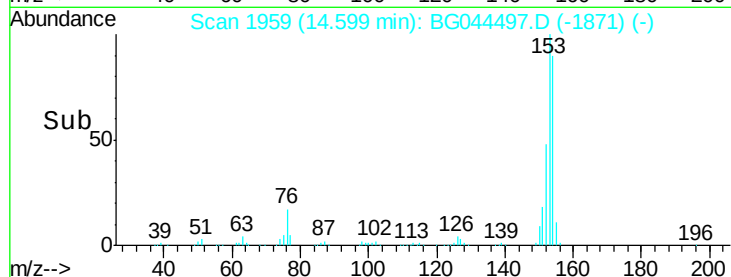
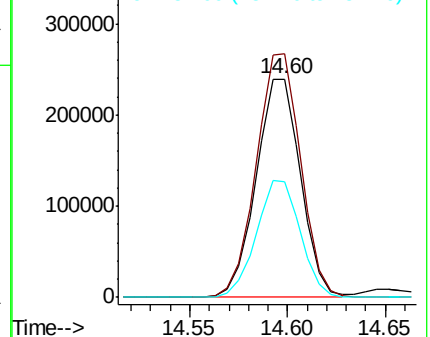
152 53.0 43.1 64.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 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

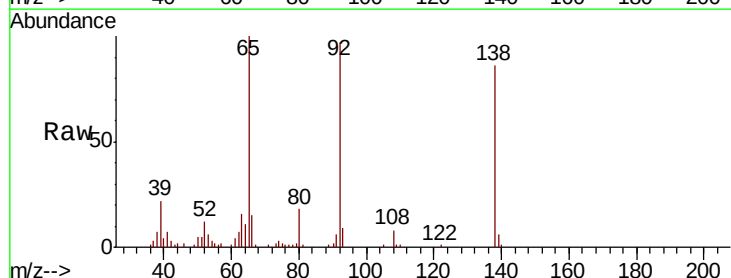
Tgt Ion:138 Resp: 36902

Ion Ratio Lower Upper

138 100

108 9.9 7.9 11.9

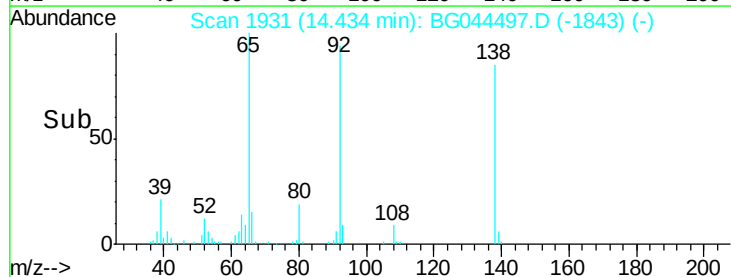
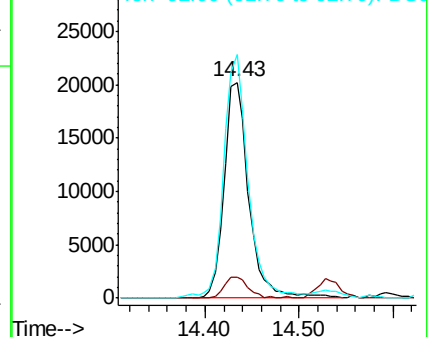
92 112.8 91.0 136.4

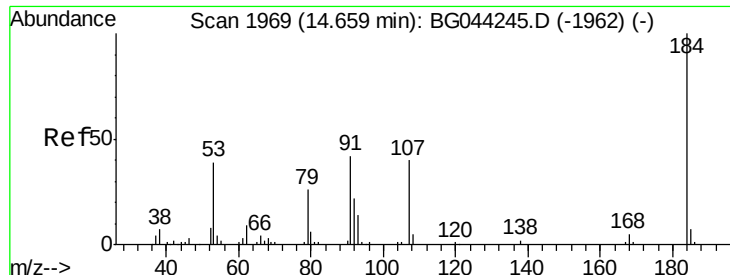


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

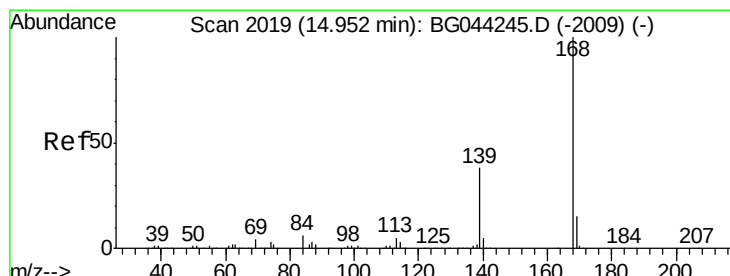
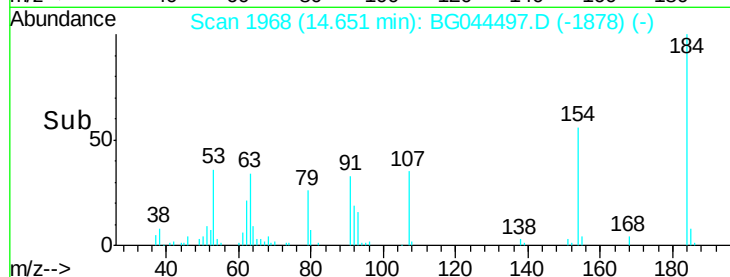
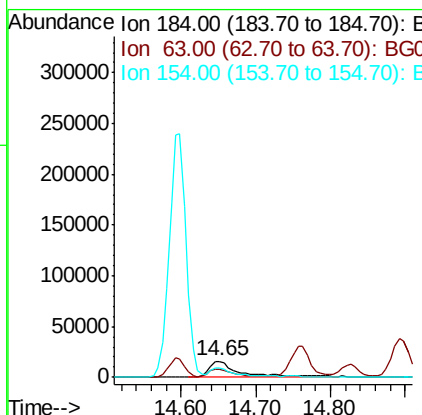
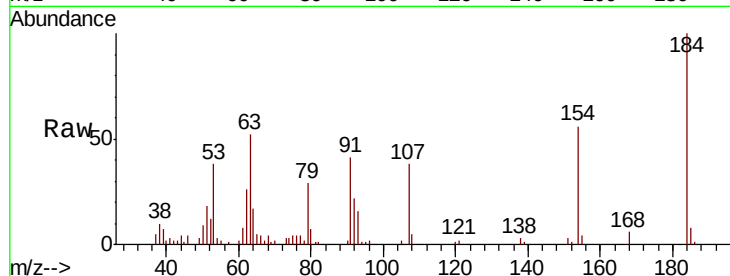




#54
 2,4-Dinitrophenol
 Concen: 37.436 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: BG044497.D
 Acq: 19 Feb 2020 20:04

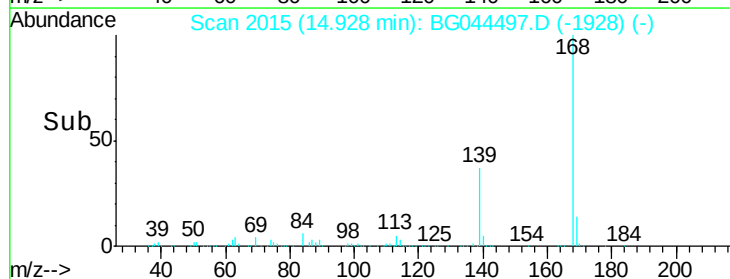
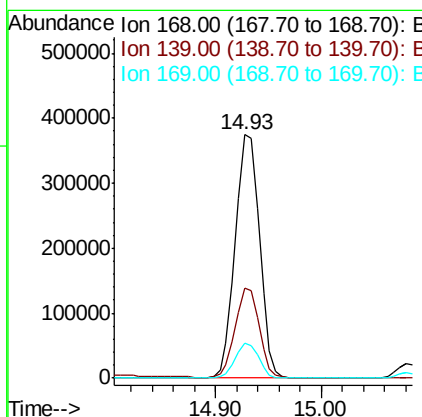
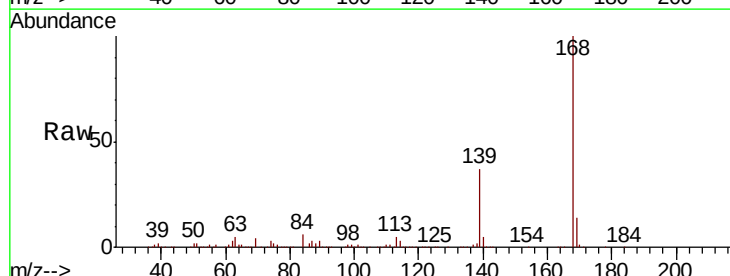
Instrument :
 BNA_G
 ClientSampleId :
 0168-COMP-CM-AMS

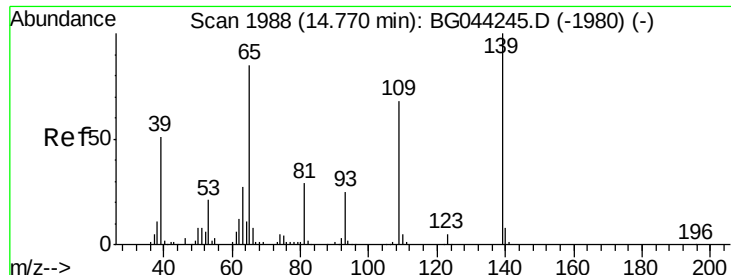
Tot Ion:184 Resp: 47155
 Ion Ratio Lower Upper
 184 100
 63 51.7 44.1 66.1
 154 56.1 45.4 68.0



#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

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

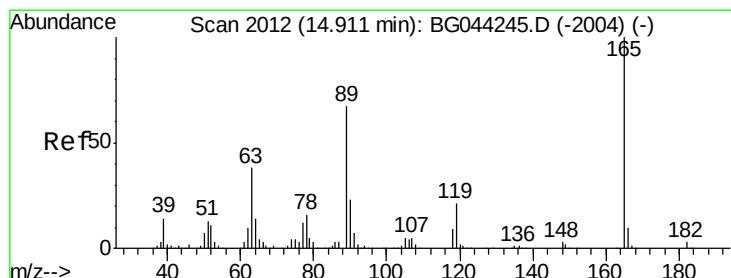
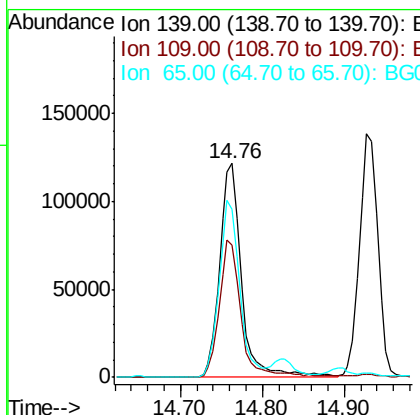
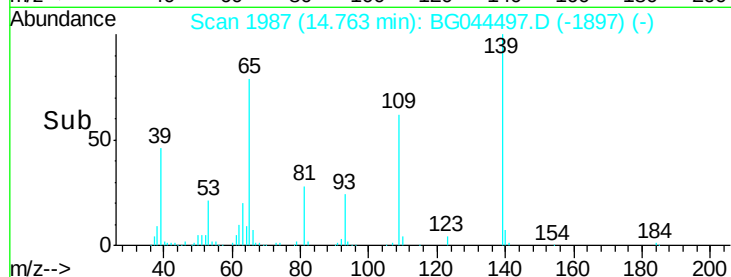
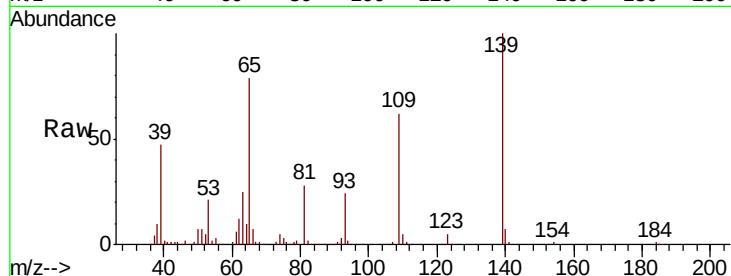




#56
4-Nitrophenol
Concen: 115.992 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

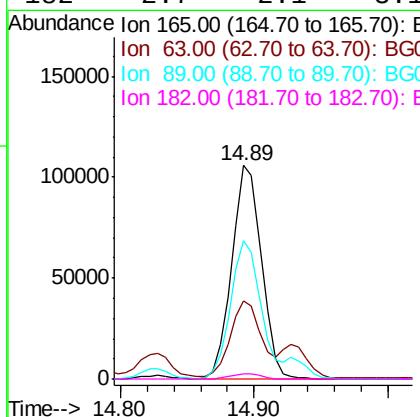
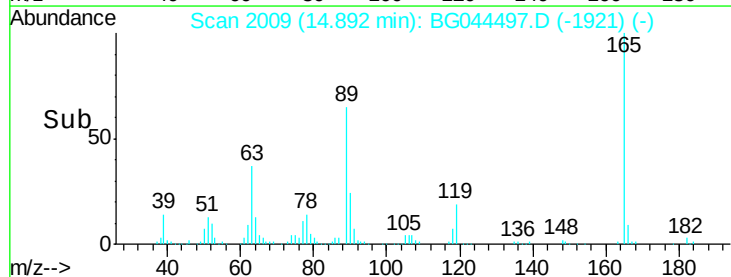
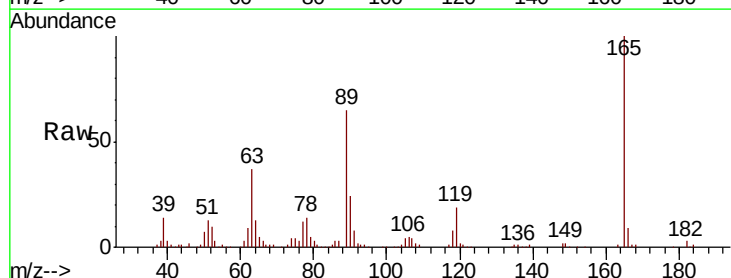
Instrument :
BNA_G
ClientSampleId :
0168-COMP-CM-AMS

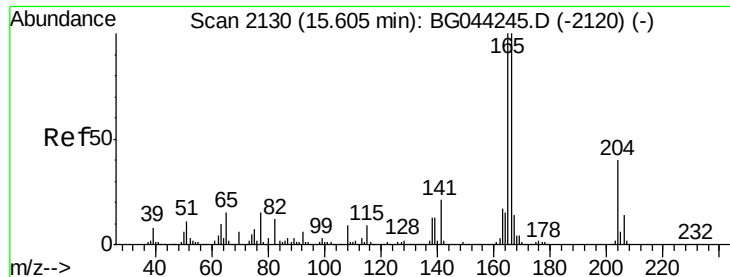
Tot Ion:139 Resp: 227020
Ion Ratio Lower Upper
139 100
109 62.0 47.5 87.5
65 79.0 64.9 104.9



#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

Tgt 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

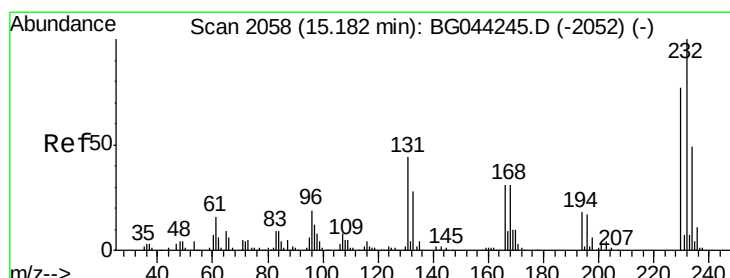
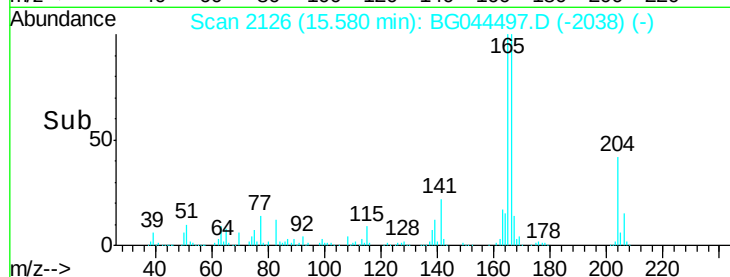
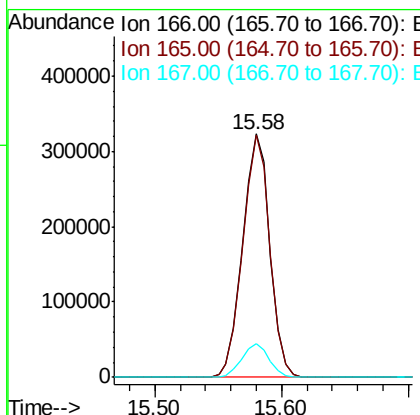
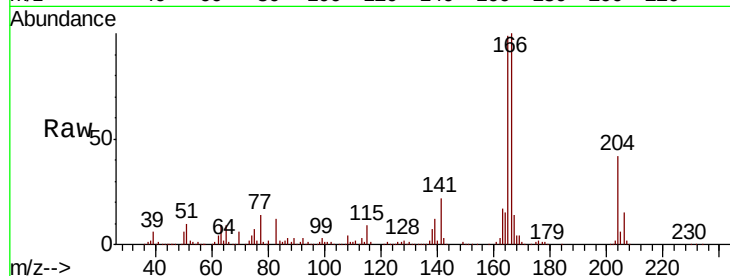




#58
 Fluorene
 Concen: 48.862 ng
 RT: 15.58 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG044497.D
 Acq: 19 Feb 2020 20:04

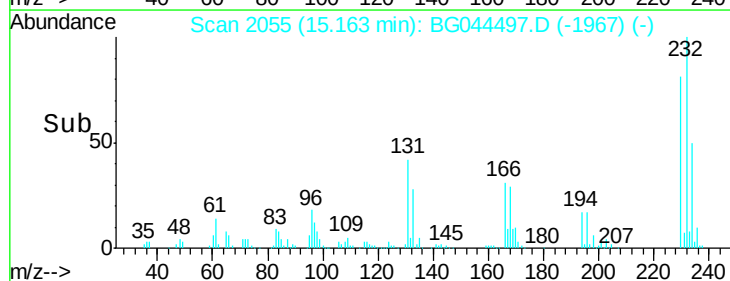
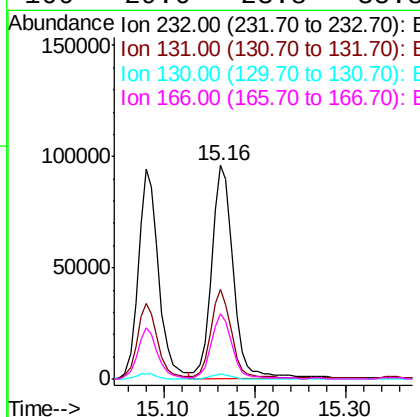
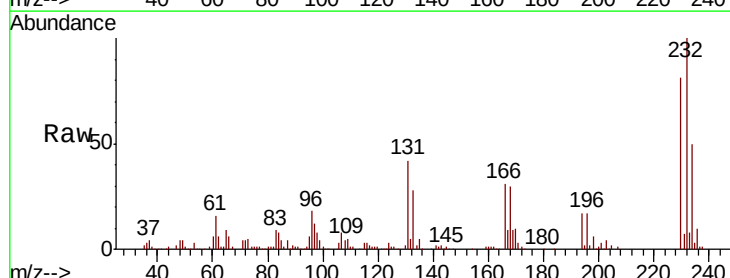
Instrument :
 BNA_G
 ClientSampleId :
 0168-COMP-CM-AMS

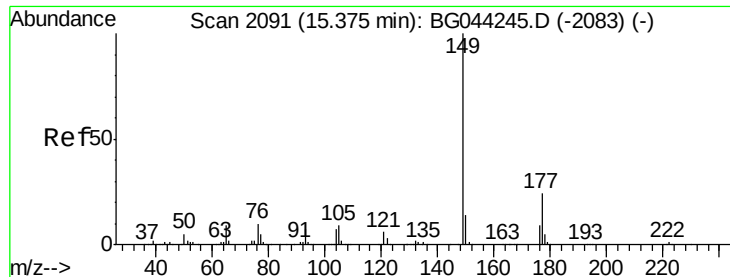
Tot Ion:166 Resp: 479114
 Ion Ratio Lower Upper
 166 100
 165 99.4 79.9 119.9
 167 13.9 11.4 17.0



#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

Tgt 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

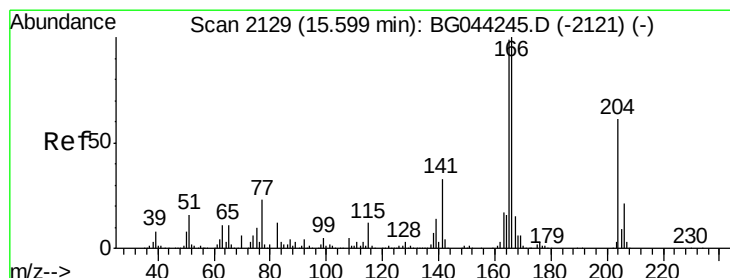
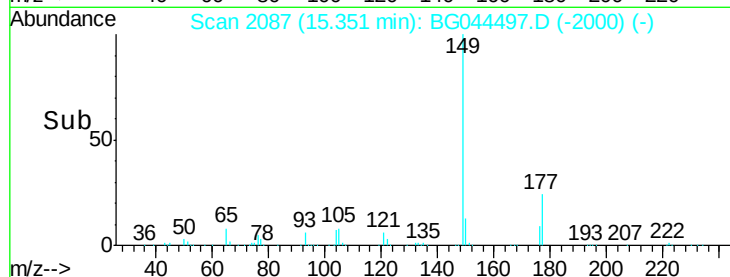
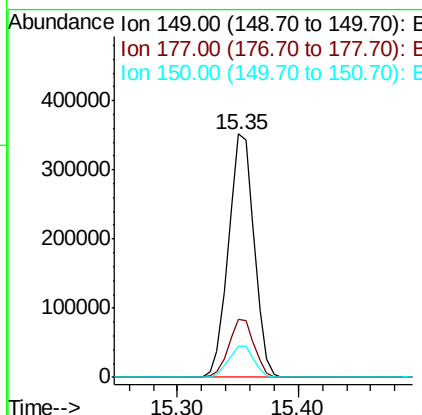
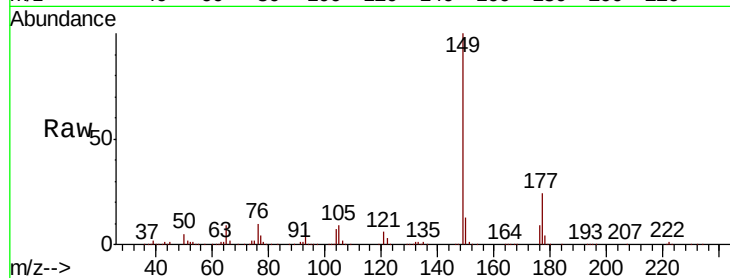




#60
Diethylphthalate
Concen: 48.159 ng
RT: 15.35 min Scan# 2087
Delta R.T. -0.02 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

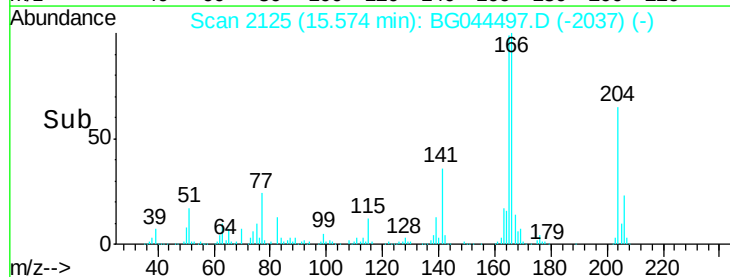
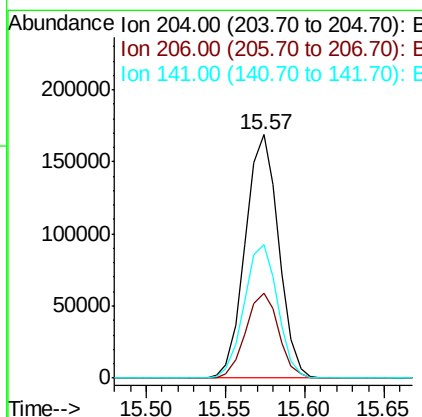
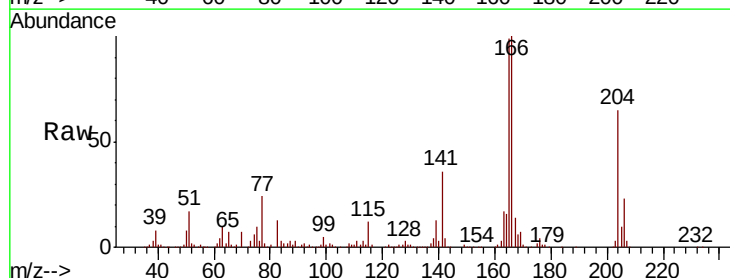
Instrument :
BNA_G
ClientSampleId :
0168-COMP-CM-AMS

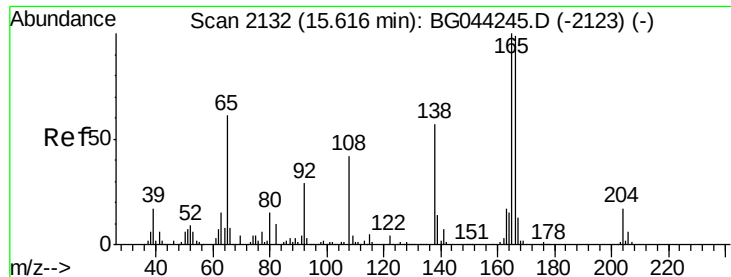
Tot Ion:149 Resp: 519782
Ion Ratio Lower Upper
149 100
177 23.6 19.4 29.0
150 12.8 10.9 16.3



#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

Tgt Ion:204 Resp: 247325
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

Instrument :

BNA_G

ClientSampleId :

0168-COMP-CM-AMS

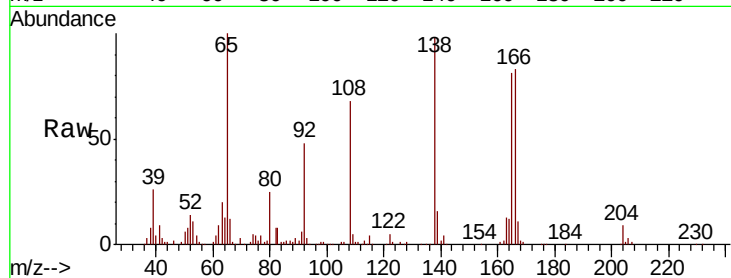
Tot Ion:138 Resp: 129215

Ion Ratio Lower Upper

138 100

92 48.6 31.3 71.3

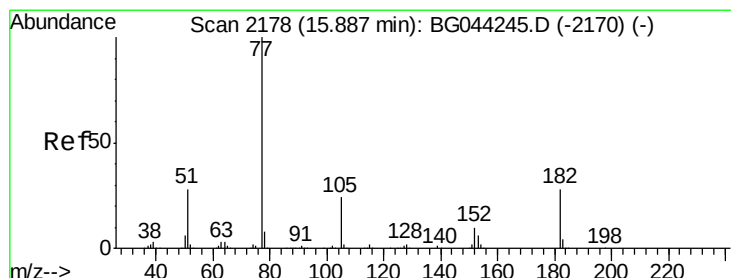
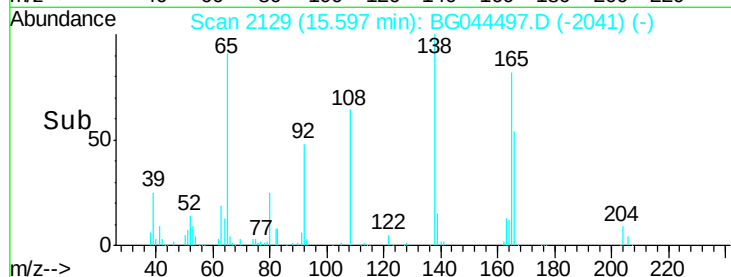
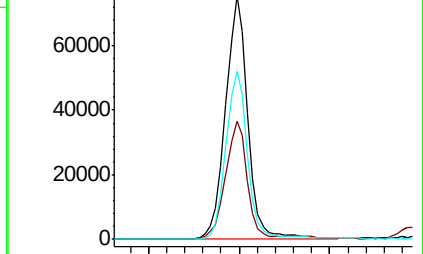
108 68.8 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#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

Tgt Ion: 77 Resp: 456589

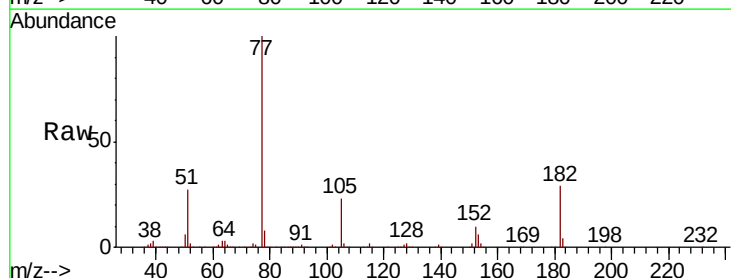
Ion Ratio Lower Upper

77 100

182 28.5 8.2 48.2

105 22.8 3.6 43.6

51 27.4 8.3 48.3

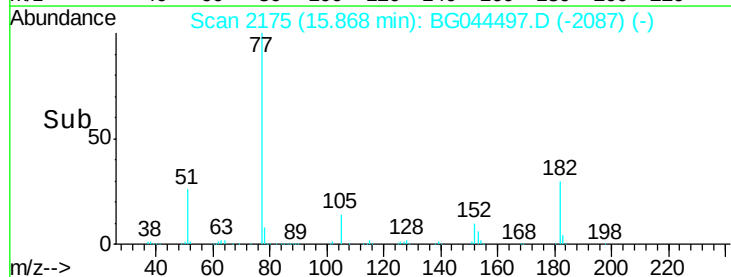
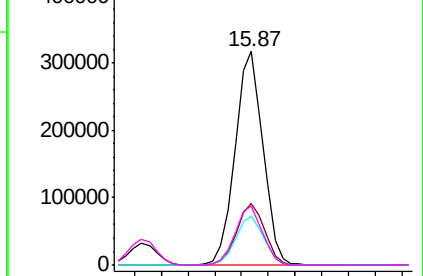


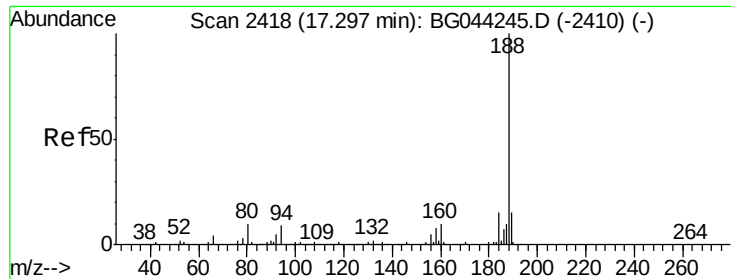
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

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

Instrument :

BNA_G

ClientSampleId :

0168-COMP-CM-AMS

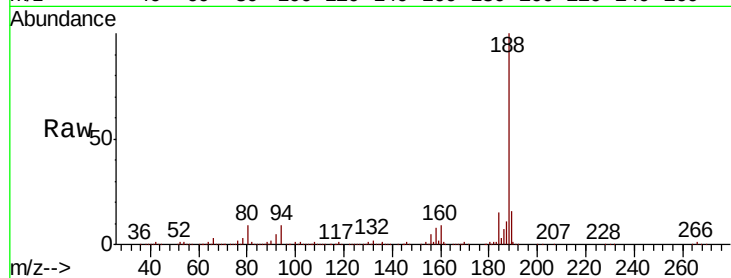
Tot Ion:188 Resp: 362733

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): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

300000

250000

200000

150000

100000

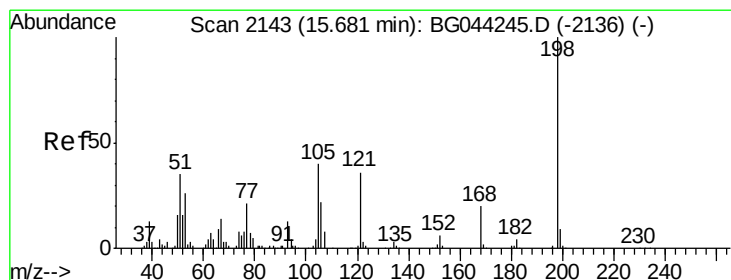
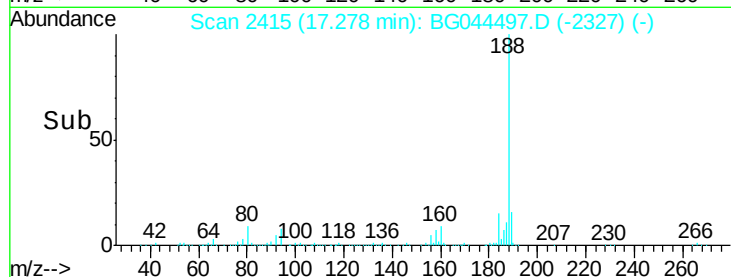
50000

0

17.20

17.30

Time-->



#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

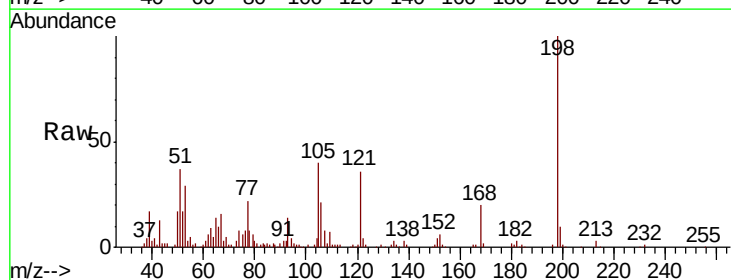
Tgt Ion:198 Resp: 78053

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): BGC

Ion 105.00 (104.70 to 105.70): E

120000

100000

80000

60000

40000

20000

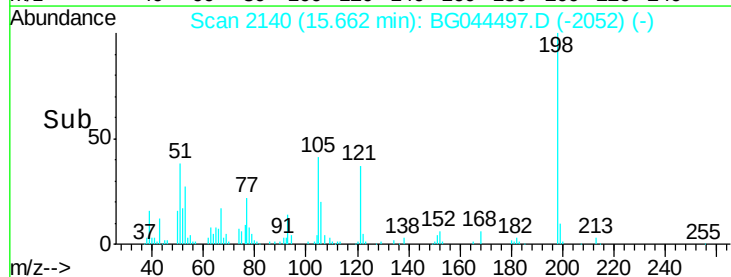
0

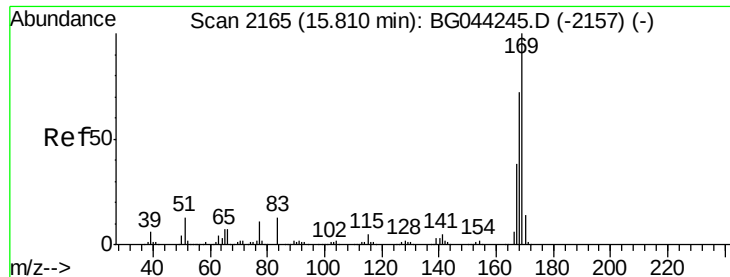
15.60

15.70

15.80

Time-->





#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

Instrument :

BNA_G

ClientSampleId :

0168-COMP-CM-AMS

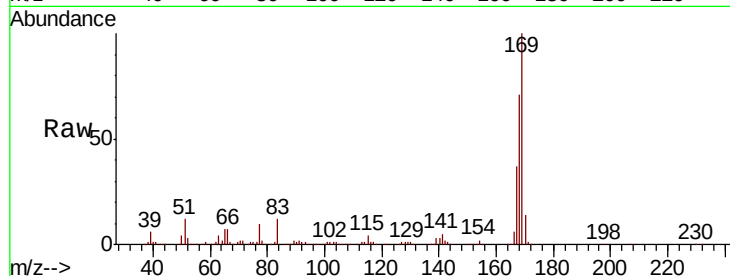
Tot Ion:169 Resp: 460110

Ion Ratio Lower Upper

169 100

168 71.5 57.9 86.9

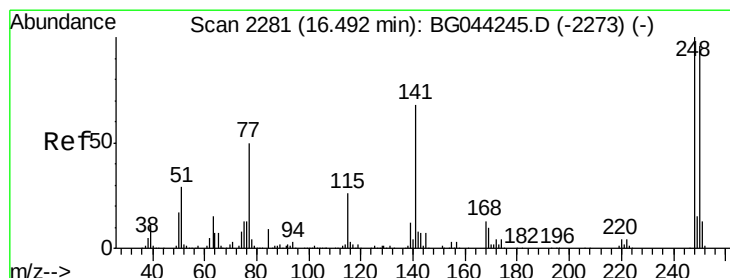
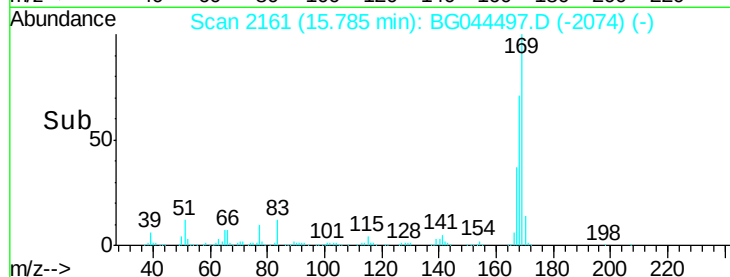
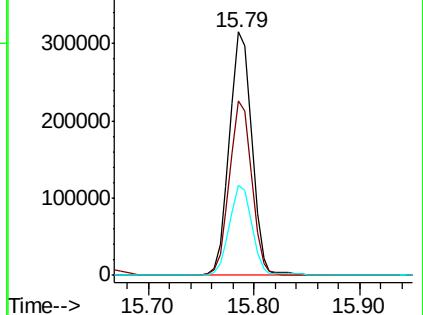
167 36.8 30.7 46.1



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

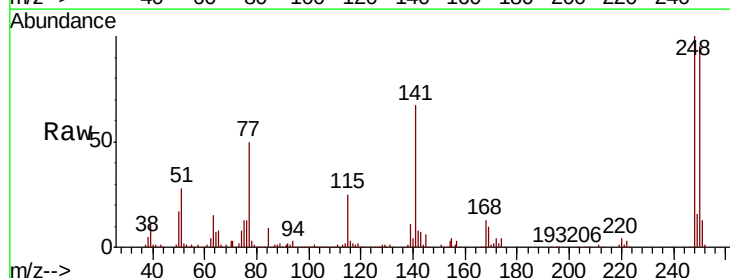
Tgt Ion:248 Resp: 167516

Ion Ratio Lower Upper

248 100

250 95.3 76.6 114.8

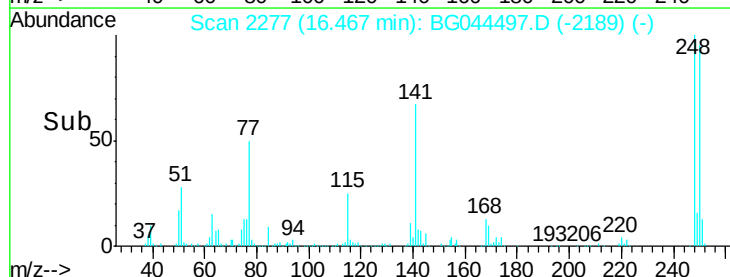
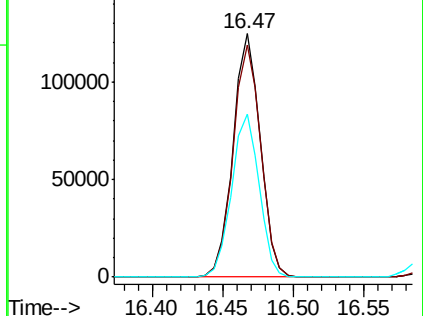
141 67.1 54.7 82.1

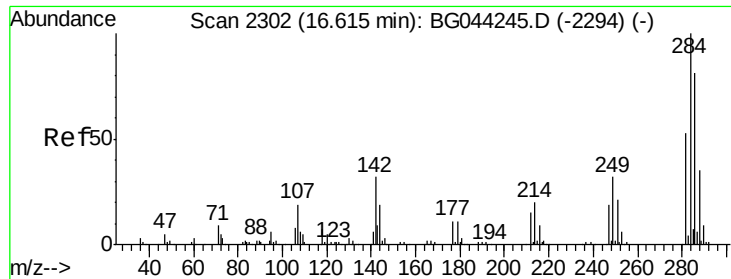


Abundance Ion 248.00 (247.70 to 248.70): E

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

Instrument :

BNA_G

ClientSampleId :

0168-COMP-CM-AMS

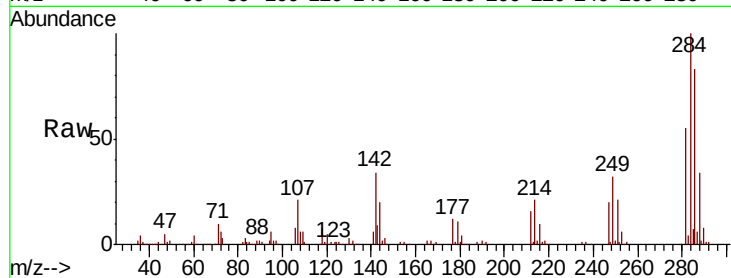
Tot Ion:284 Resp: 185920

Ion Ratio Lower Upper

284 100

142 34.3 25.3 37.9

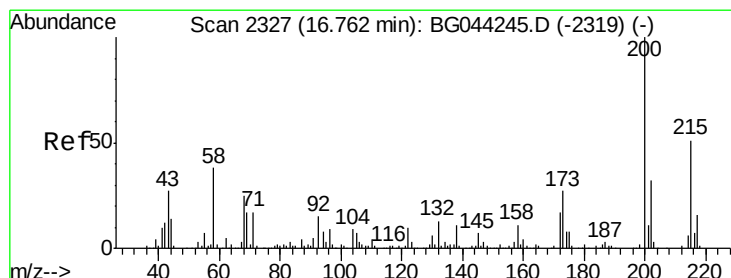
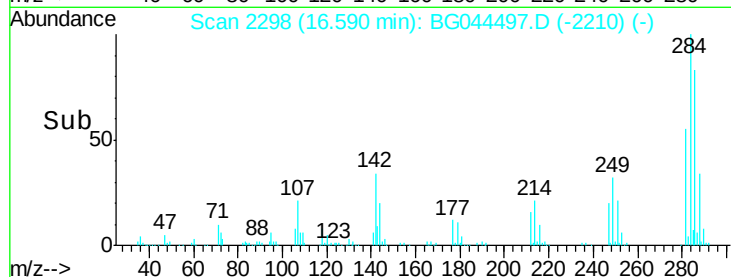
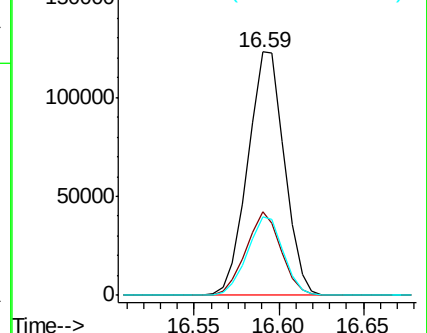
249 32.2 25.5 38.3



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

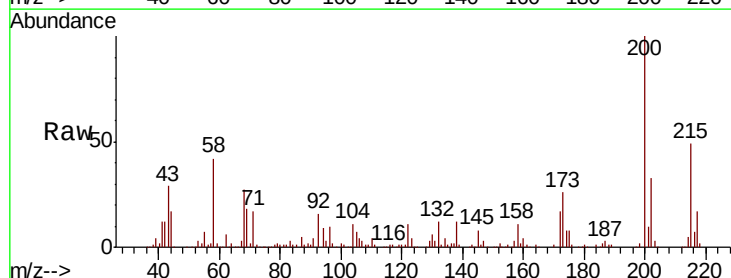
Tgt Ion:200 Resp: 190612

Ion Ratio Lower Upper

200 100

173 26.4 6.6 46.6

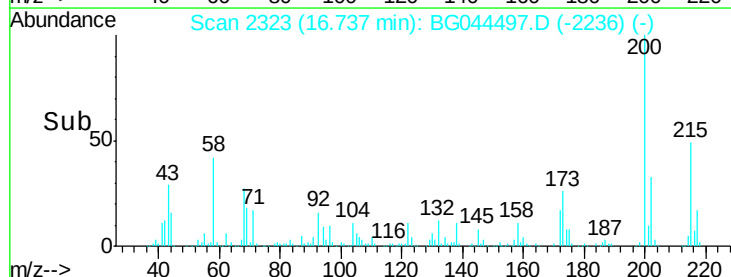
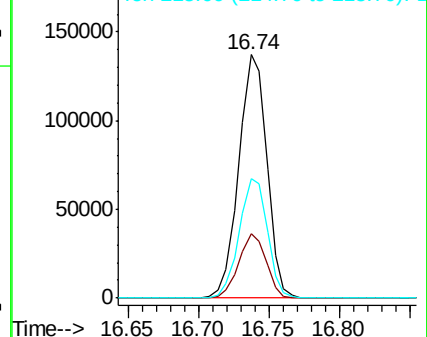
215 49.0 31.0 71.0

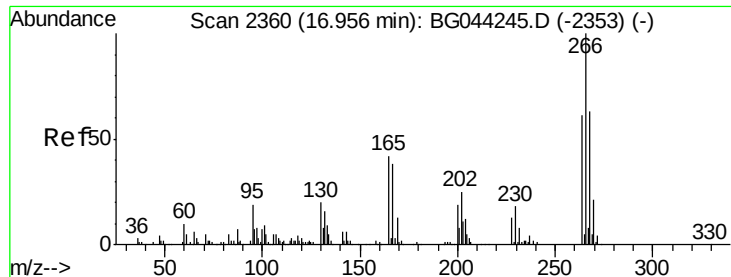


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

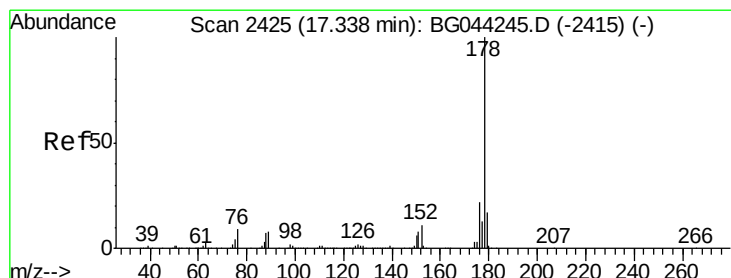
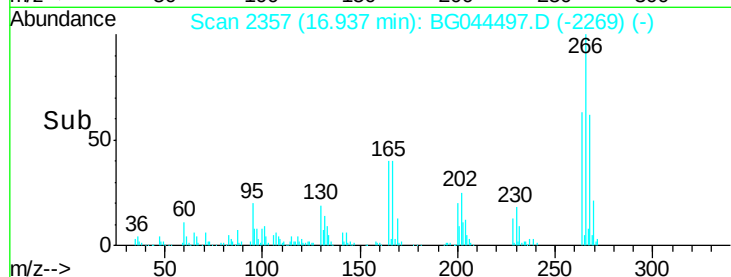
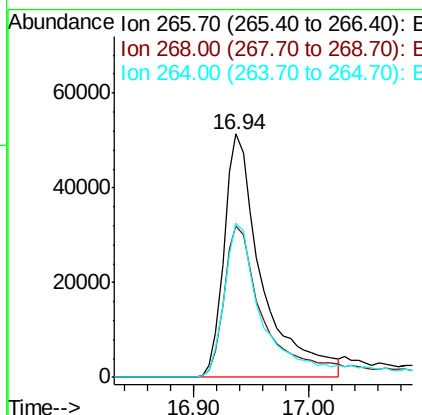
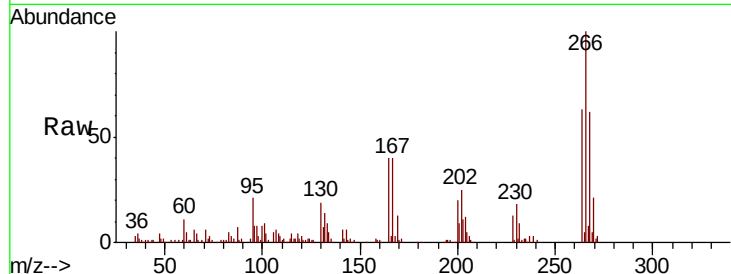




#70
 Pentachlorophenol
 Concen: 53.377 ng
 RT: 16.94 min Scan# 2357
 Delta R.T. -0.01 min
 Lab File: BG044497.D
 Acq: 19 Feb 2020 20:04

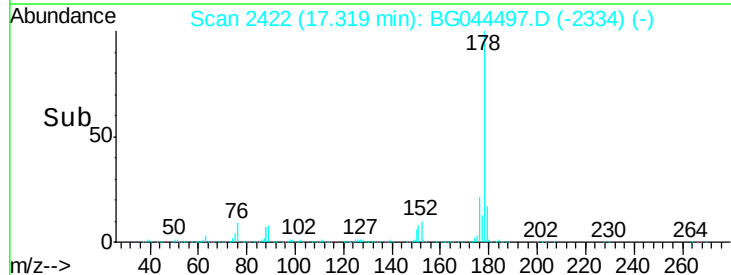
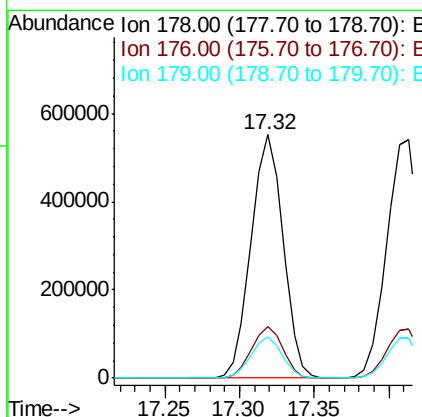
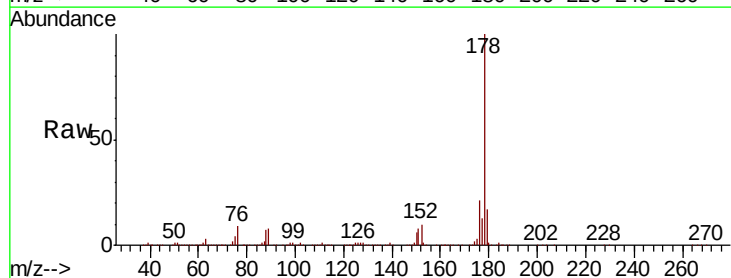
Instrument :
 BNA_G
 ClientSampleId :
 0168-COMP-CM-AMS

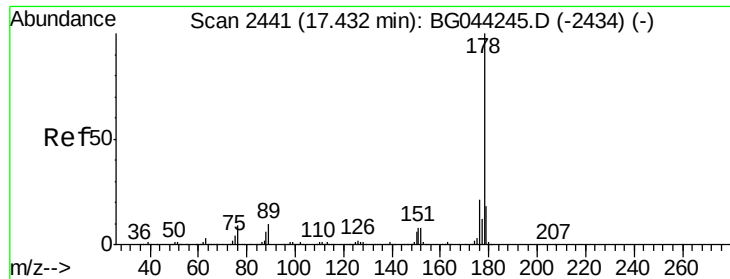
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.4	50.6	75.8
264	63.3	48.7	73.1



#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

Tgt 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

Instrument :

BNA_G

ClientSampleId :

0168-COMP-CM-AMS

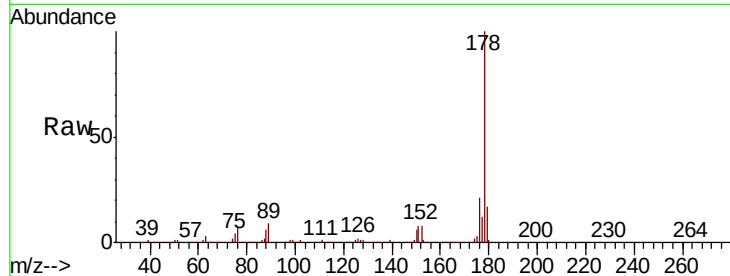
Tot Ion:178 Resp: 848650

Ion Ratio Lower Upper

178 100

176 20.8 17.0 25.4

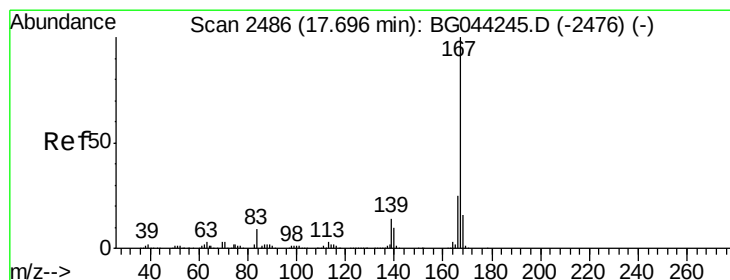
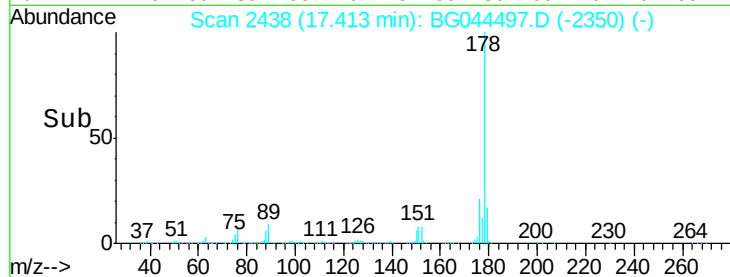
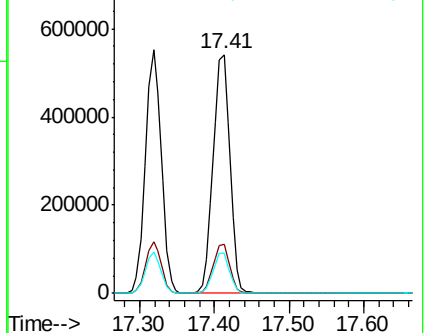
179 16.7 14.4 21.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 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

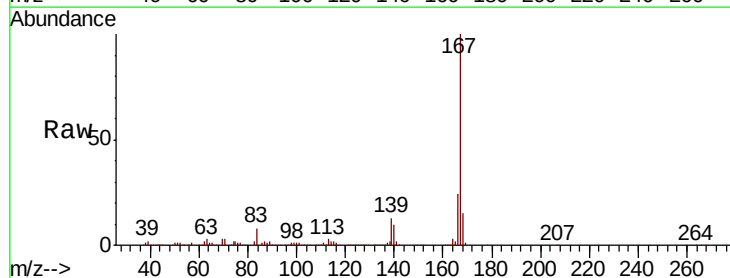
Tgt Ion:167 Resp: 793981

Ion Ratio Lower Upper

167 100

166 23.7 19.8 29.6

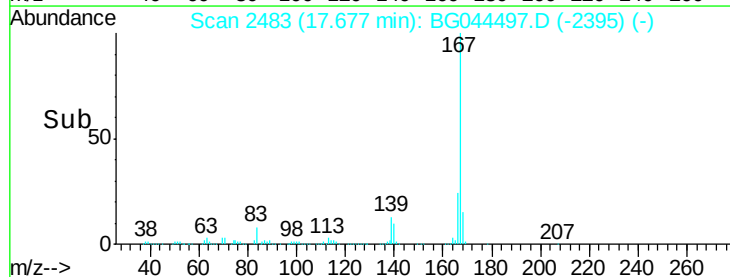
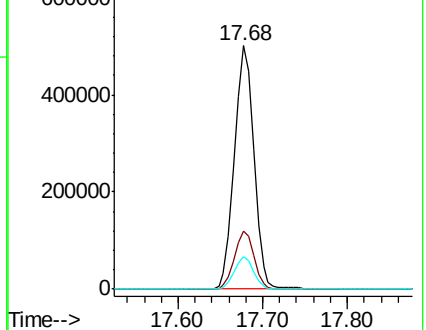
139 13.3 11.1 16.7

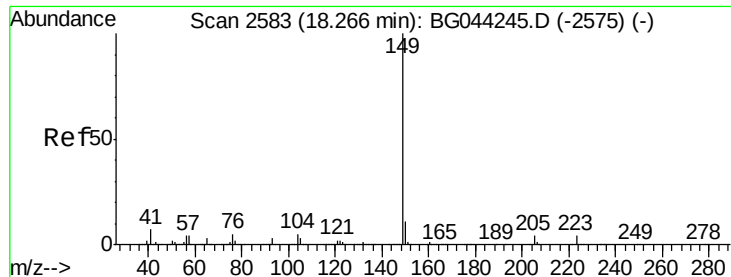


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 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

Instrument :

BNA_G

ClientSampleId :

0168-COMP-CM-AMS

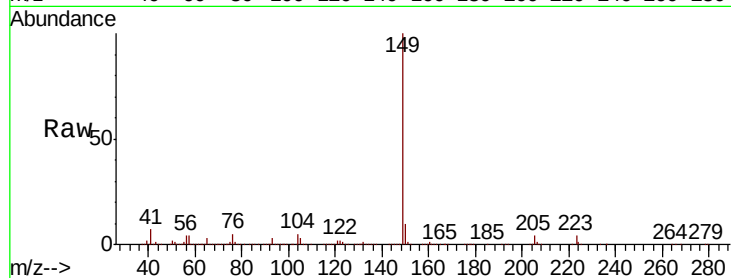
Tot Ion:149 Resp: 982036

Ion Ratio Lower Upper

149 100

150 10.5 8.7 13.1

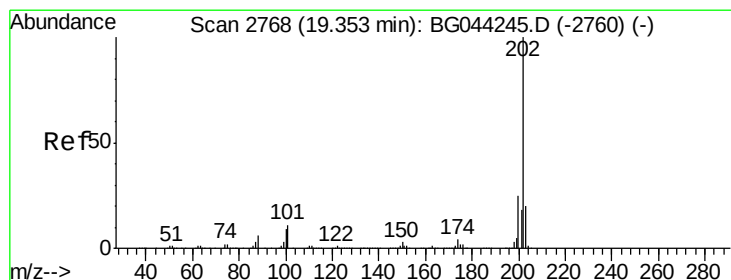
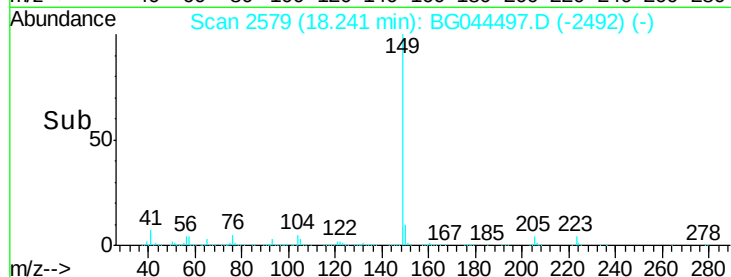
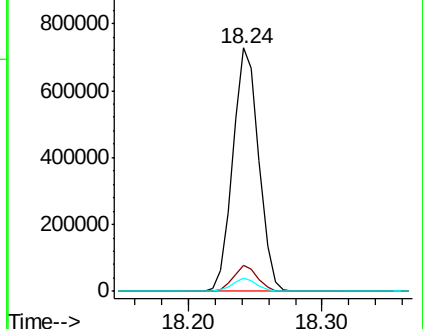
104 5.2 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 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

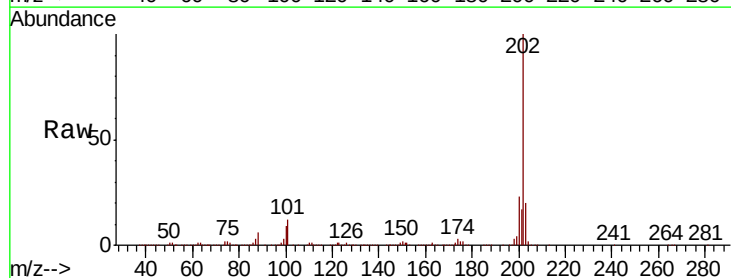
Tgt Ion:202 Resp: 1006230

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.3

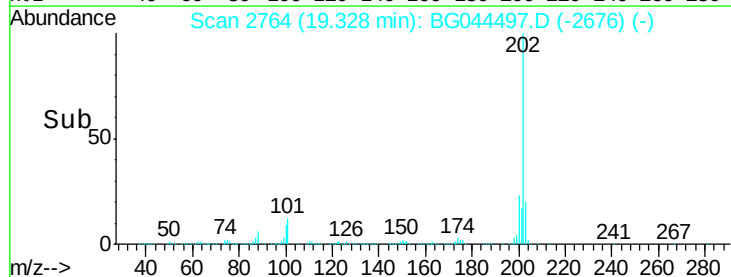
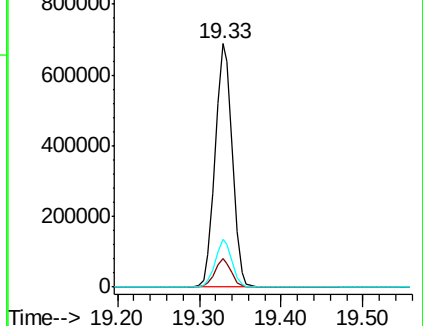
203 19.8 0.0 39.9

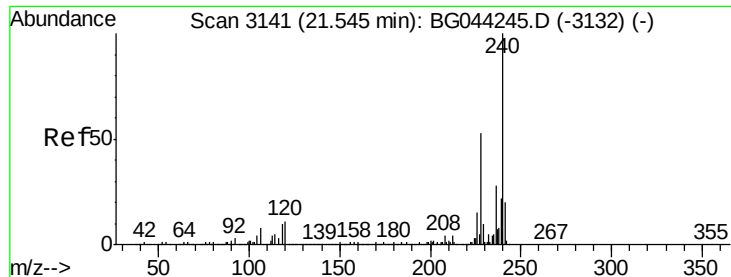


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

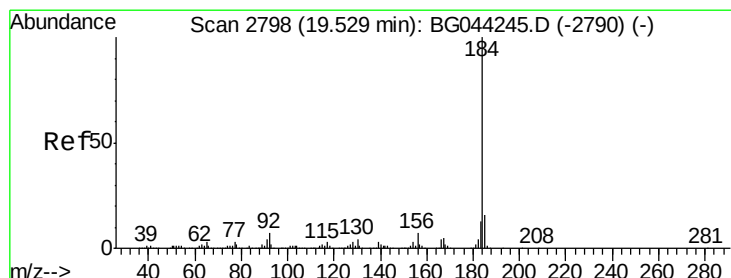
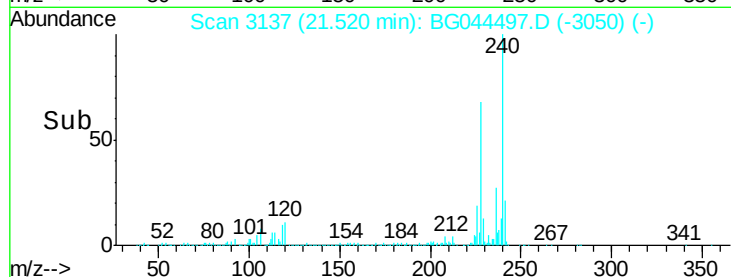
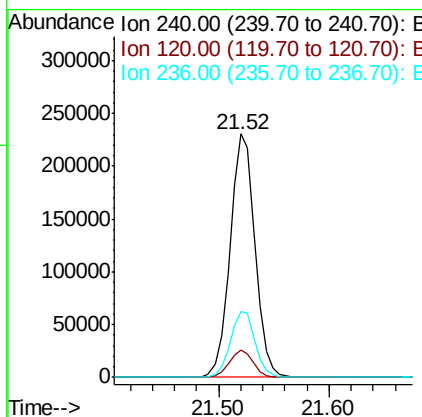
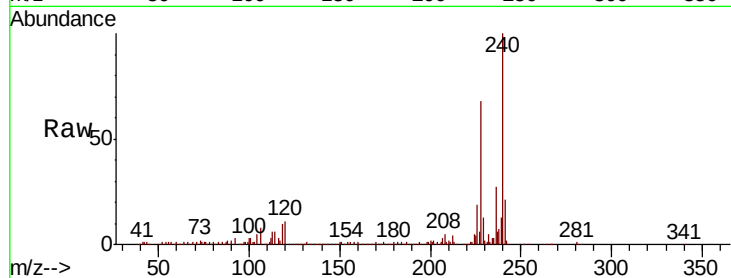




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.52 min Scan# 3137
Delta R.T. -0.02 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

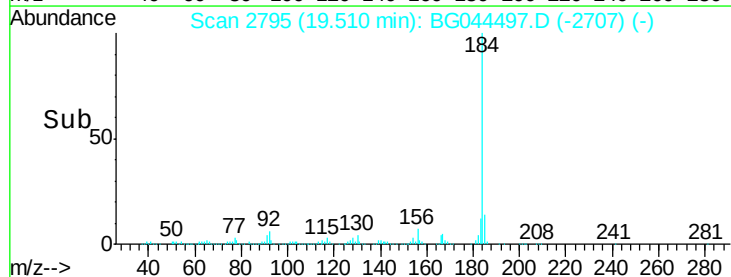
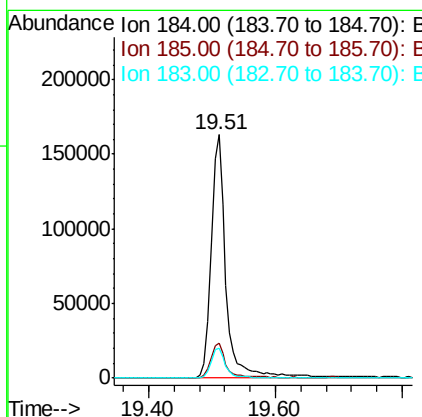
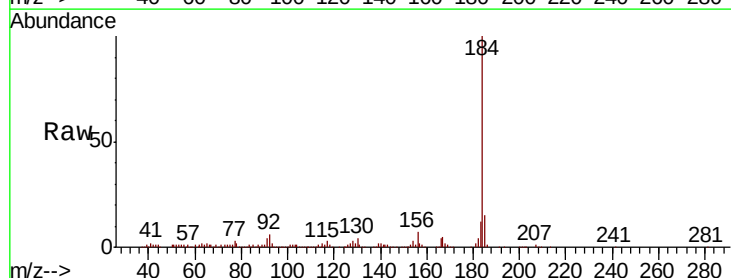
Instrument :
BNA_G
ClientSampleId :
0168-COMP-CM-AMS

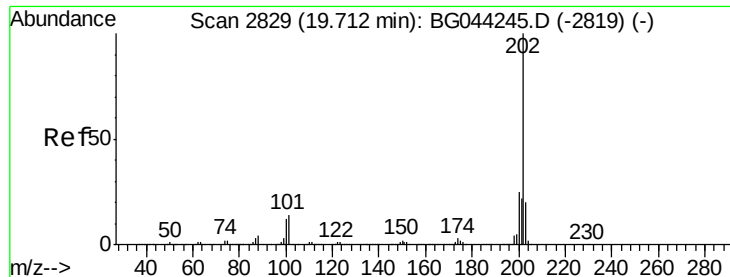
Tot Ion:240 Resp: 363504
Ion Ratio Lower Upper
240 100
120 11.1 8.4 12.6
236 26.8 22.1 33.1



#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

Tgt Ion:184 Resp: 268454
Ion Ratio Lower Upper
184 100
185 14.5 12.9 19.3
183 12.5 10.8 16.2

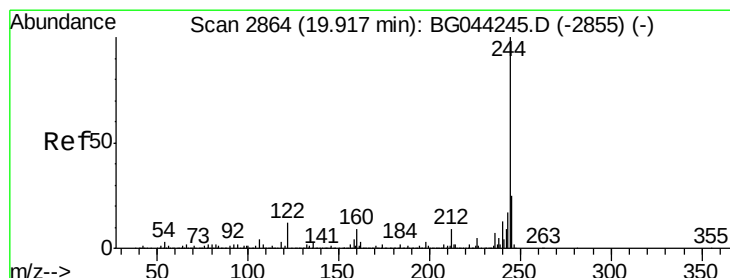
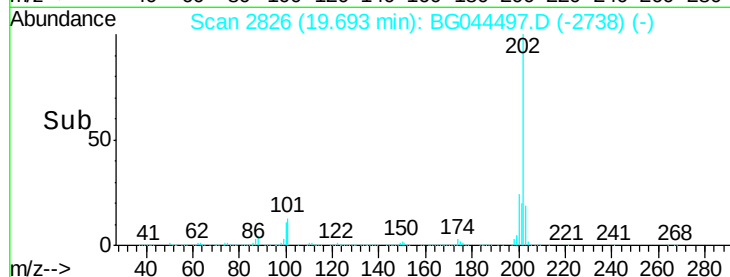
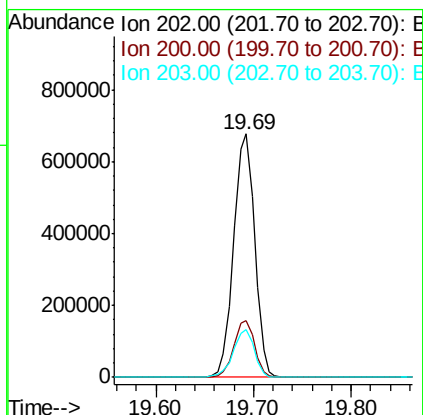
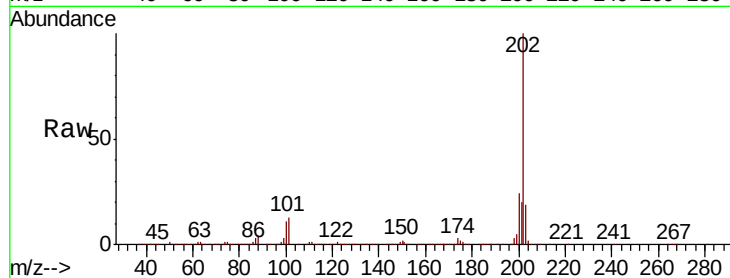




#78
Pvrene
Concen: 43.493 ng
RT: 19.69 min Scan# 2826
Delta R.T. -0.01 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

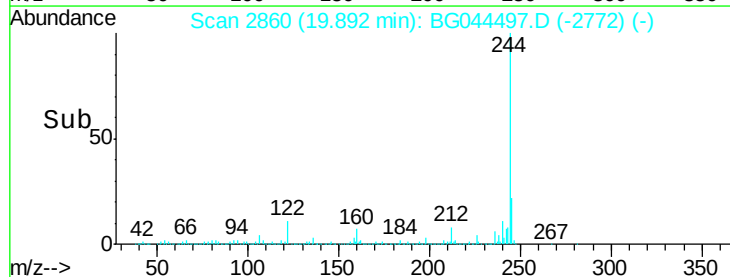
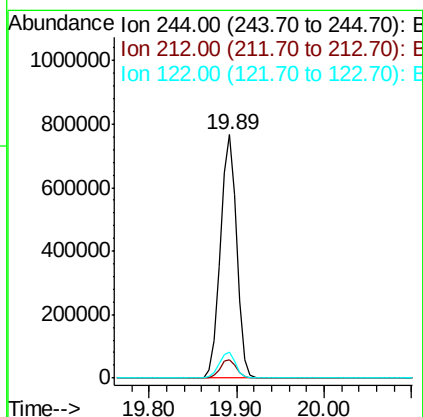
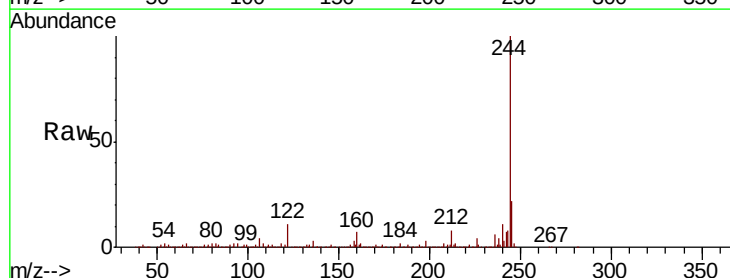
Instrument :
BNA_G
ClientSampleId :
0168-COMP-CM-AMS

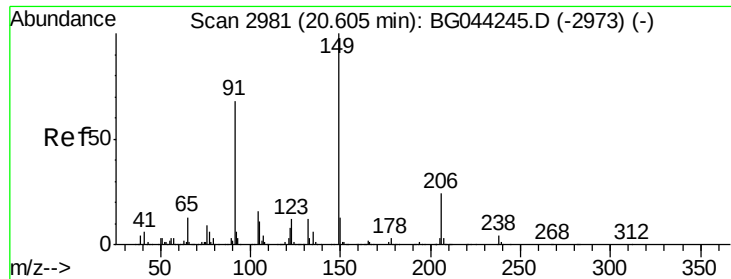
Tot Ion:202 Resp: 1015323
Ion Ratio Lower Upper
202 100
200 23.5 20.0 30.0
203 19.5 16.2 24.2



#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

Tgt Ion:244 Resp: 996032
Ion Ratio Lower Upper
244 100
212 7.6 7.4 11.2
122 10.6 9.8 14.6

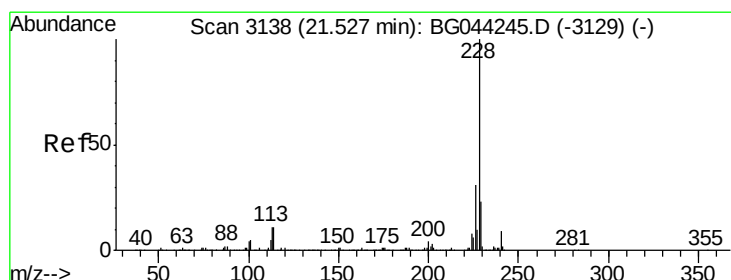
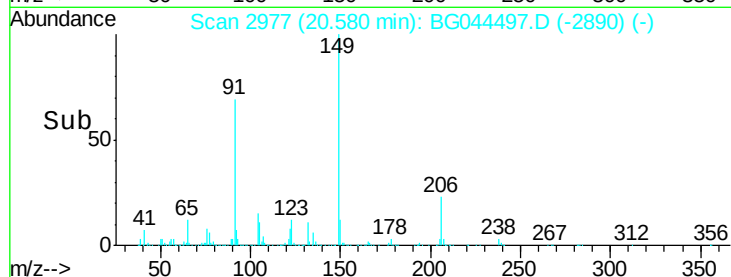
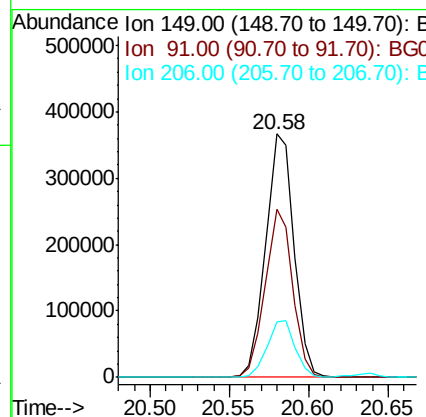
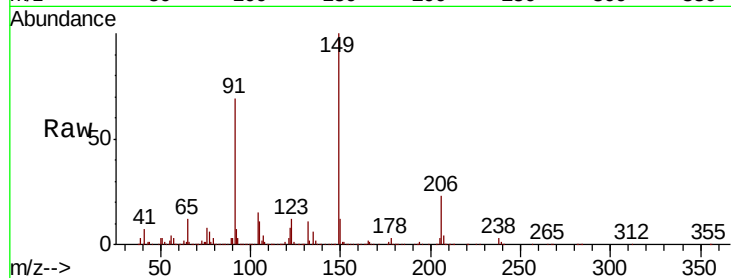




#80
Butylbenzylphthalate
Concen: 43.115 ng
RT: 20.58 min Scan# 2977
Delta R.T. -0.02 min
Lab File: BG044497.D
Acq: 19 Feb 2020 20:04

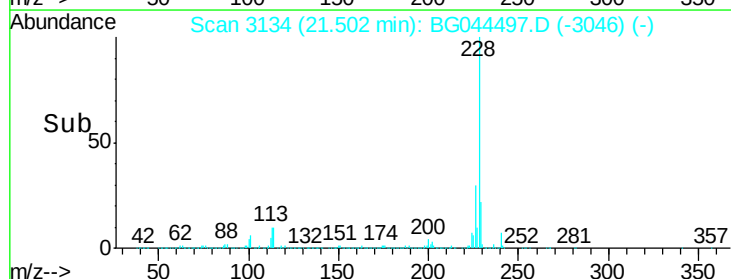
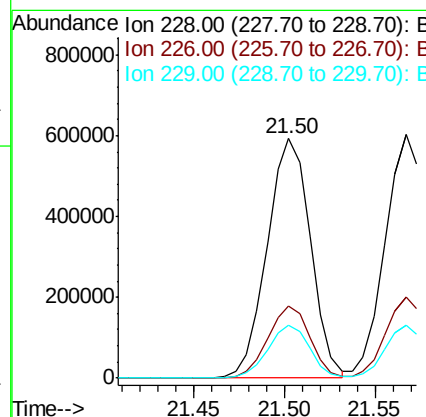
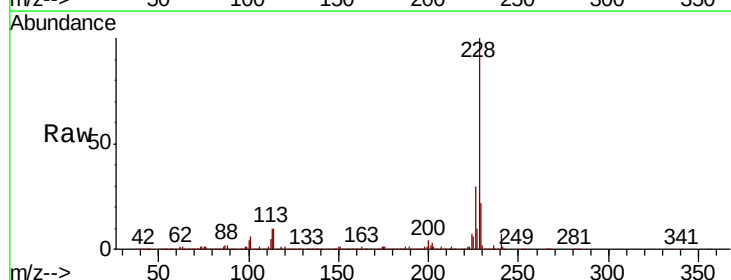
Instrument :
BNA_G
ClientSampleId :
0168-COMP-CM-AMS

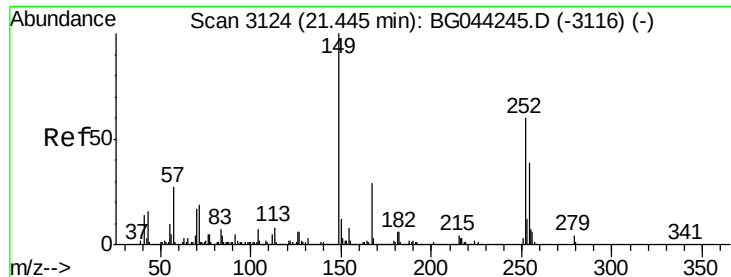
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.0	54.5	81.7
206	22.7	19.1	28.7



#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

Tgt 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

Instrument :

BNA_G

ClientSampleId :

0168-COMP-CM-AMS

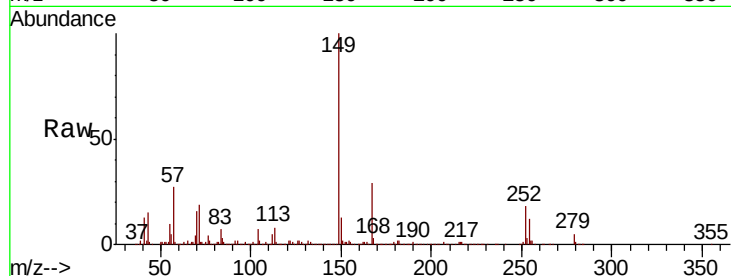
Tot Ion:252 Resp: 131542

Ion Ratio Lower Upper

252 100

254 66.1 52.6 78.8

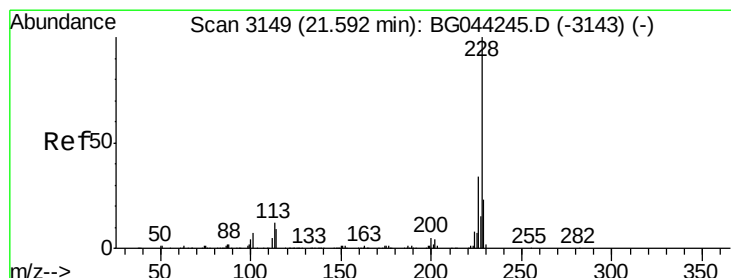
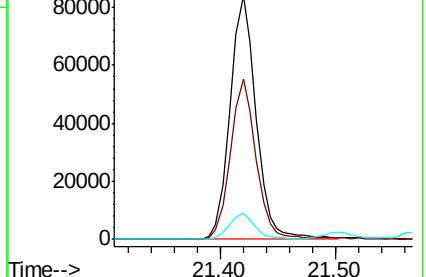
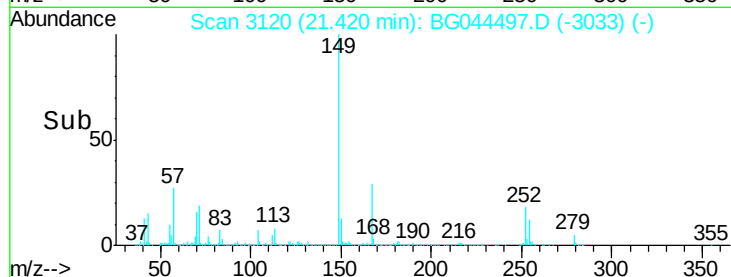
126 10.8 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Chrysene

Concen: 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

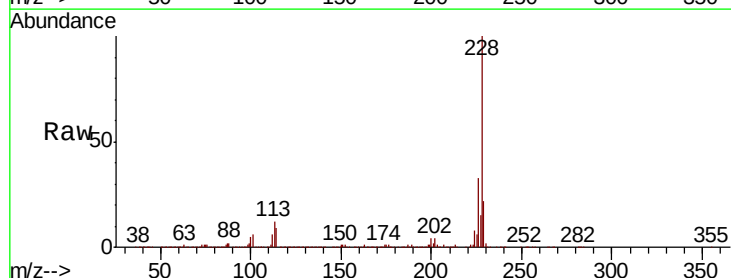
Tgt Ion:228 Resp: 954869

Ion Ratio Lower Upper

228 100

226 33.1 27.1 40.7

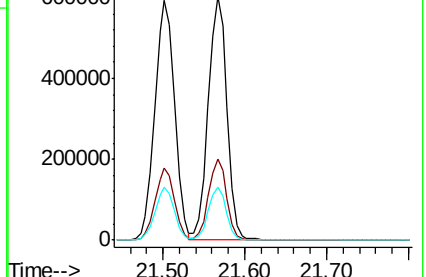
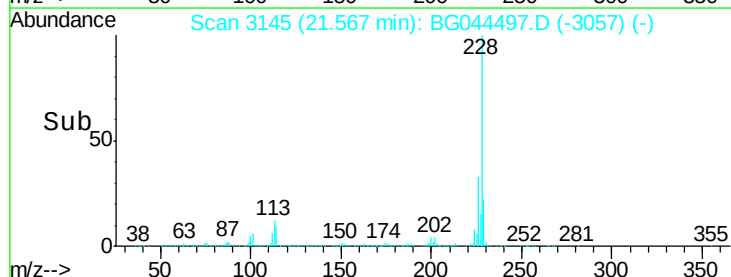
229 21.6 17.9 26.9

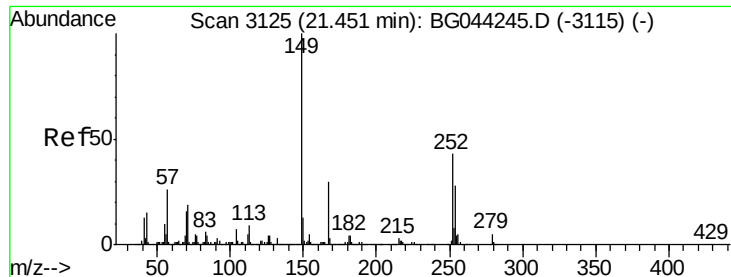


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 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

Instrument :

BNA_G

ClientSampleId :

0168-COMP-CM-AMS

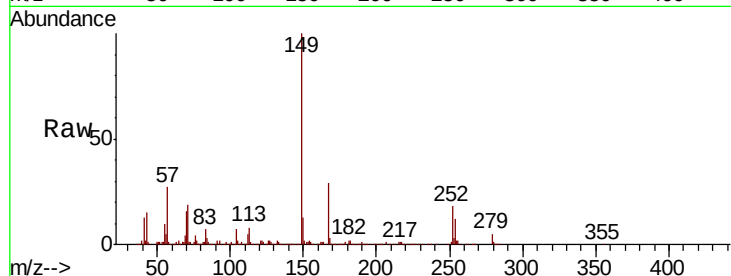
Tot Ion:149 Resp: 653564

Ion Ratio Lower Upper

149 100

167 29.3 24.0 36.0

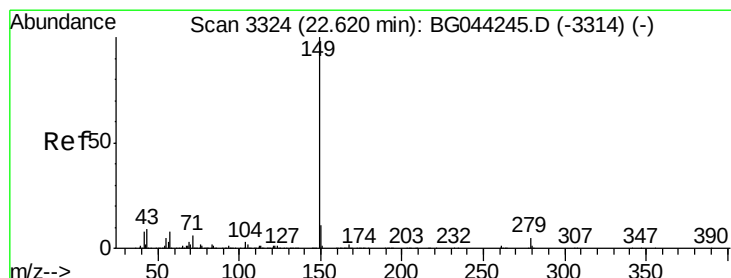
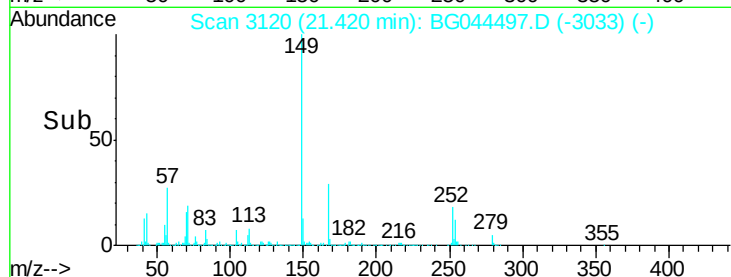
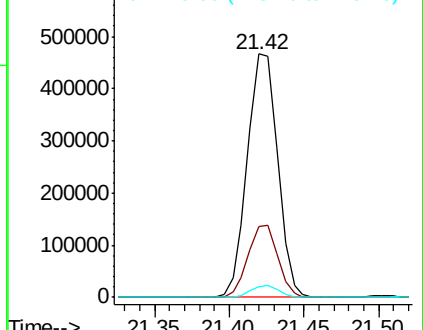
279 4.5 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 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

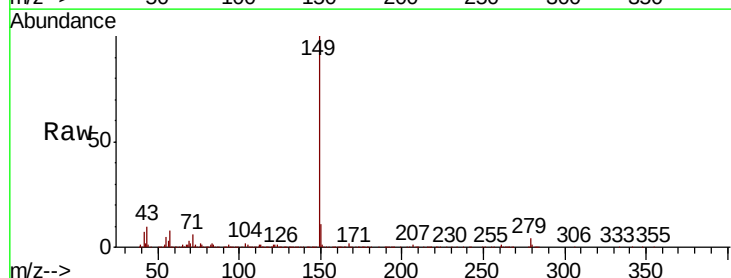
Tgt Ion:149 Resp: 1134340

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

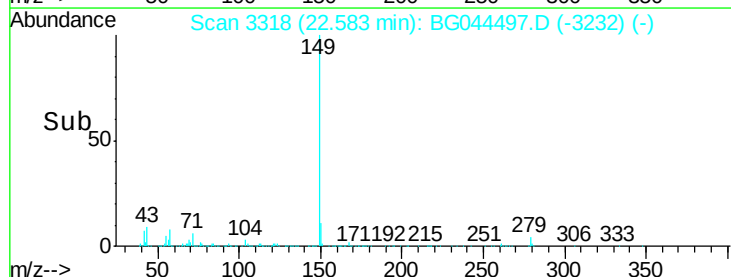
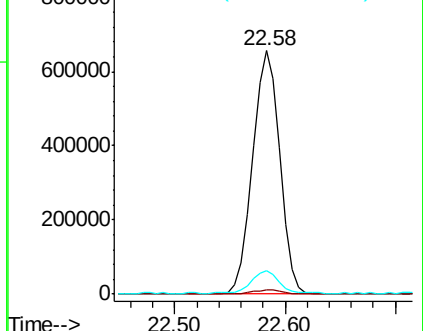
43 9.0 7.4 11.0

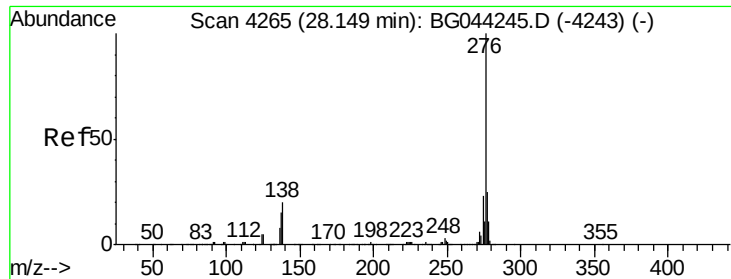


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#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

Instrument :

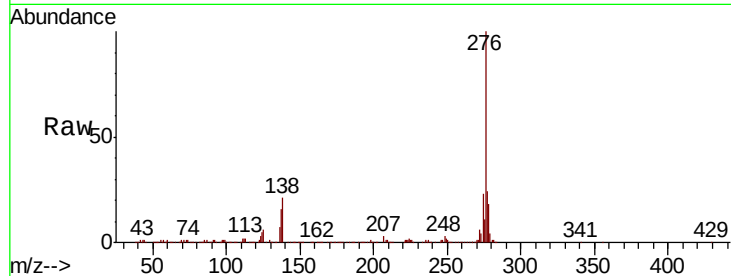
BNA_G

ClientSampleId :

0168-COMP-CM-AMS

Tot Ion:276 Resp: 1224940

Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.4	29.0
277	26.2	21.0	31.6

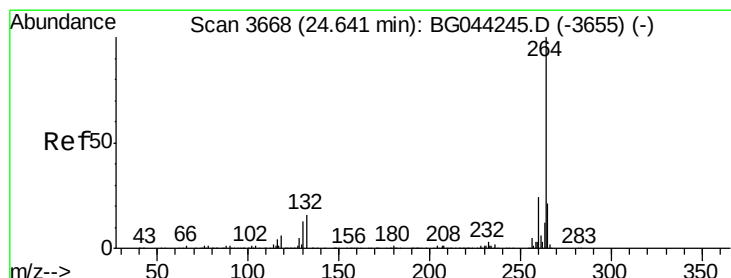
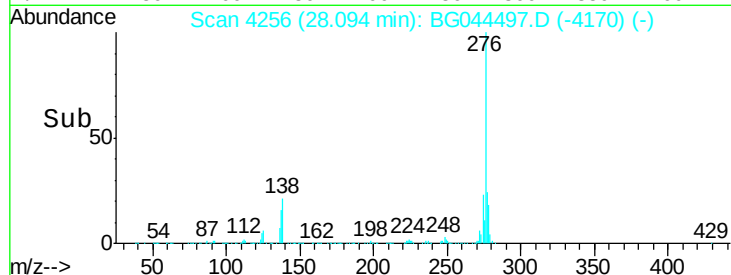
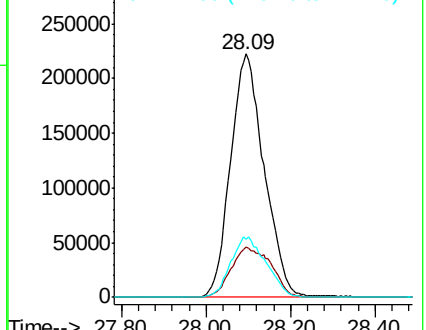


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.60 min Scan# 3661

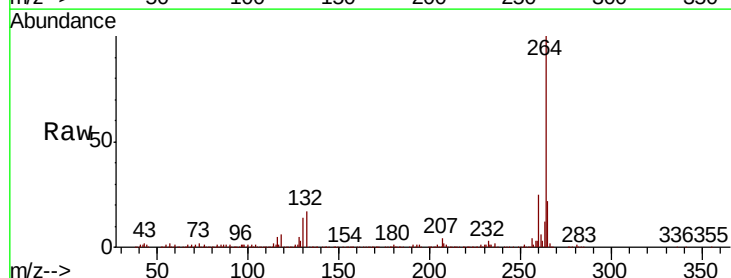
Delta R.T. -0.02 min

Lab File: BG044497.D

Acq: 19 Feb 2020 20:04

Tgt Ion:264 Resp: 390330

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

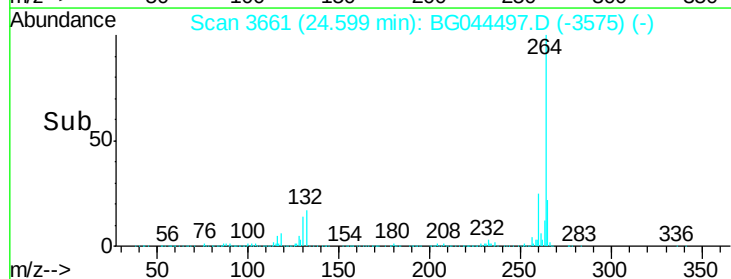
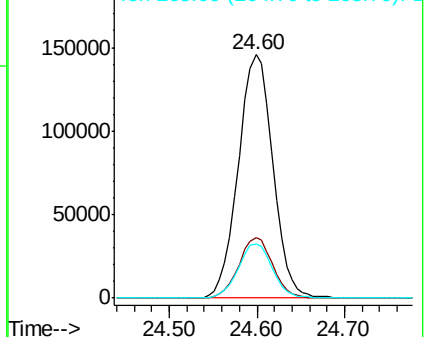


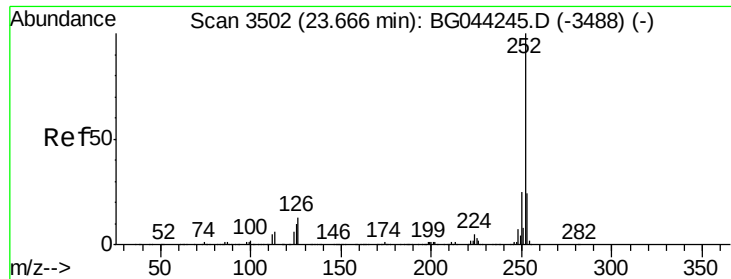
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 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

Instrument :

BNA_G

ClientSampleId :

0168-COMP-CM-AMS

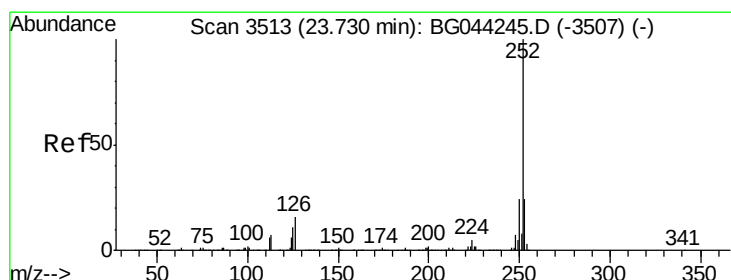
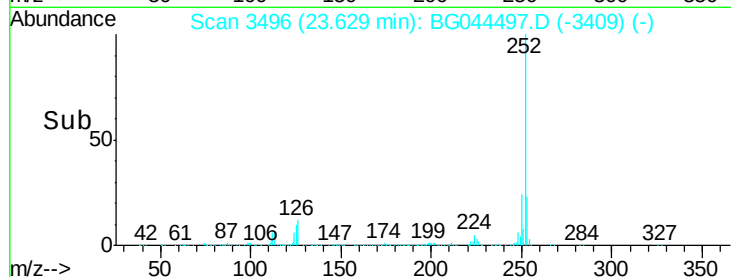
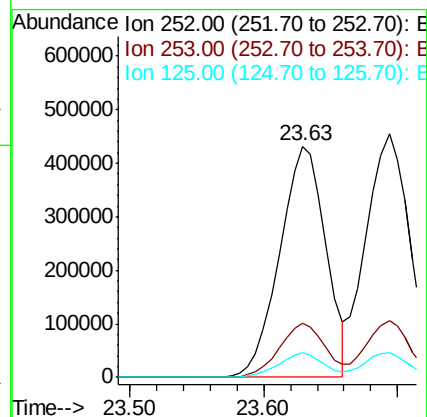
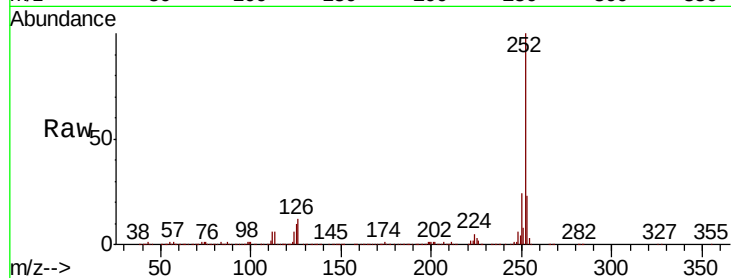
Tot Ion:252 Resp: 1031024

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

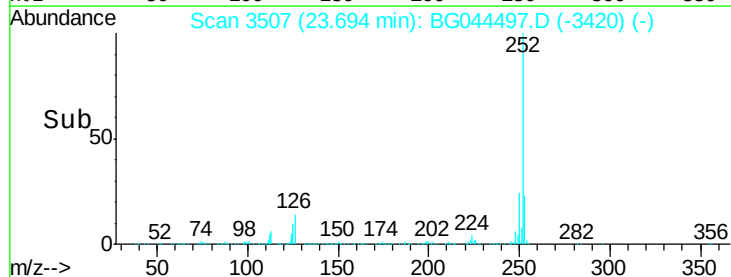
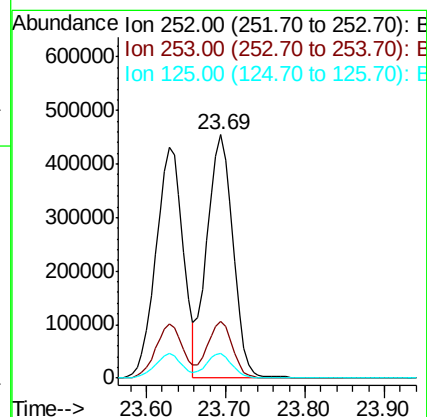
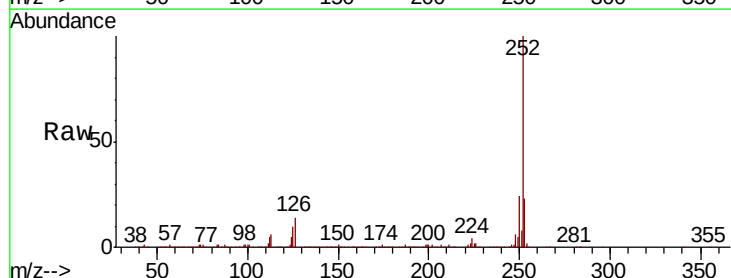
Tgt Ion:252 Resp: 1036617

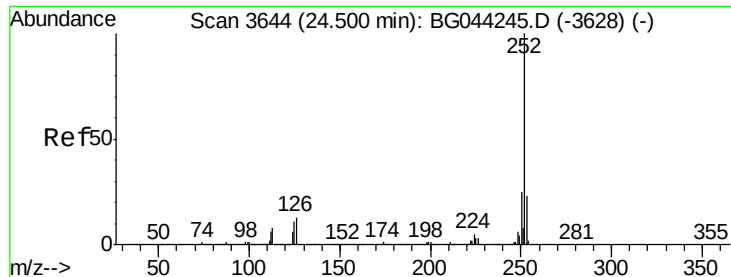
Ion Ratio Lower Upper

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

Instrument :

BNA_G

ClientSampleId :

0168-COMP-CM-AMS

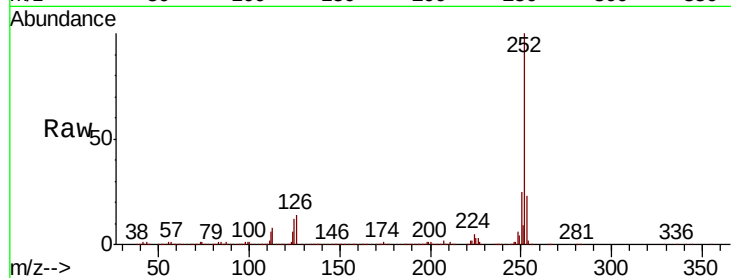
Tot Ion:252 Resp: 965870

Ion Ratio Lower Upper

252 100

253 23.2 18.1 27.1

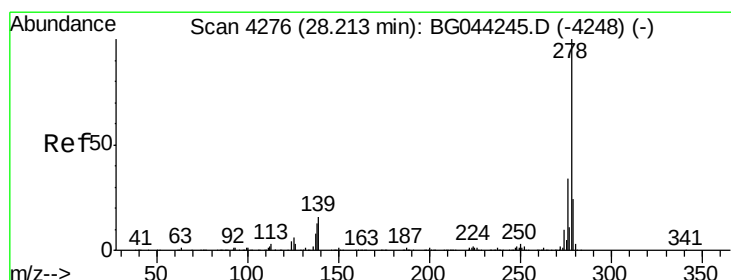
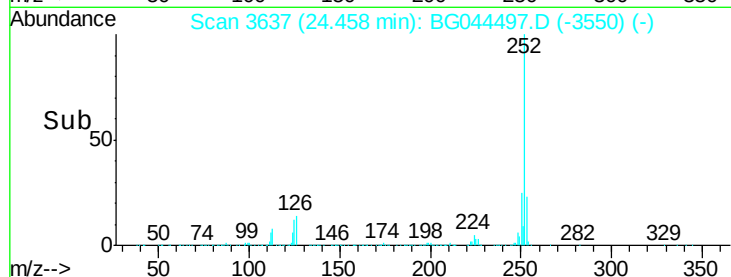
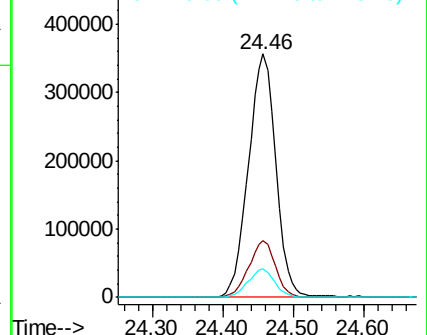
125 11.7 8.6 13.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 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

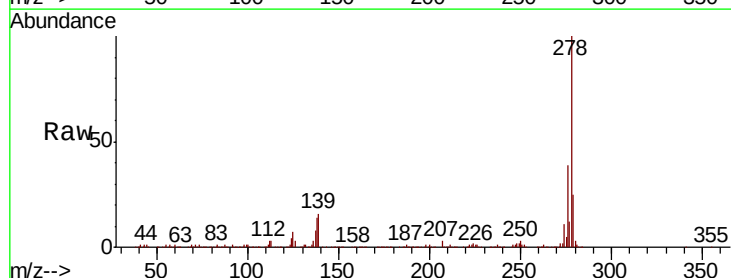
Tgt Ion:278 Resp: 1013557

Ion Ratio Lower Upper

278 100

139 16.3 12.7 19.1

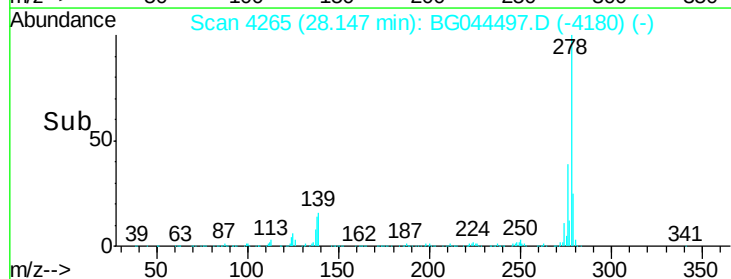
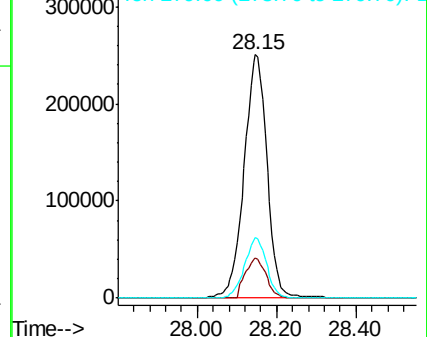
279 24.8 19.3 28.9

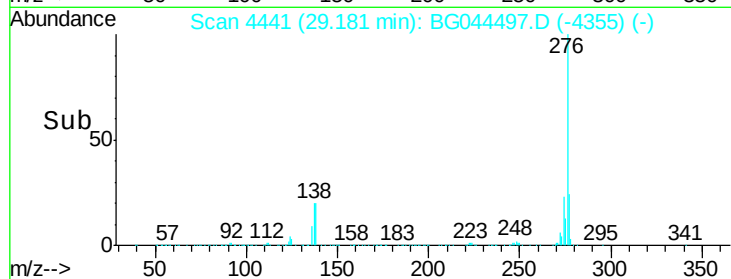
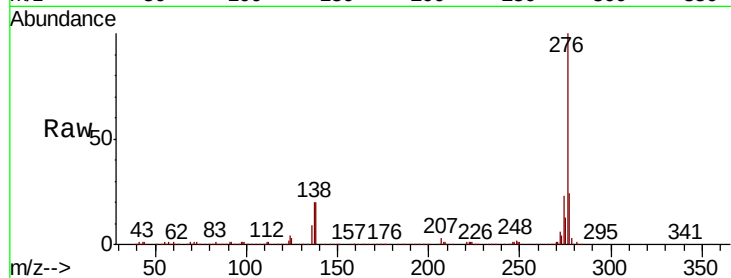
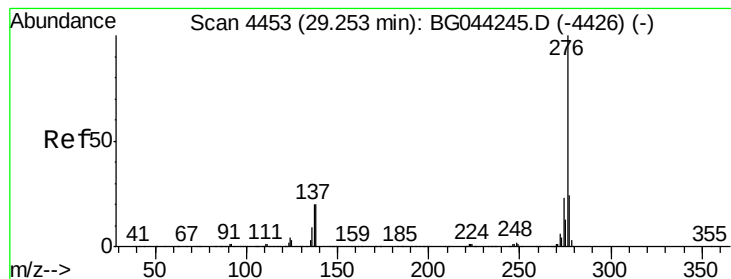


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,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

Instrument :

BNA_G

ClientSampleId :

0168-COMP-CM-AMS

Tot Ion:276 Resp: 1029445

Ion Ratio Lower Upper

276 100

277 24.2 18.8 28.2

138 20.1 16.2 24.2

