

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
 Data File : BG044493.D
 Acq On : 19 Feb 2020 17:27
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 20 07:14:57 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	65241	20.00	ng	-0.01
21) Naphthalene-d8	10.69	136	266020	20.00	ng	0.00
39) Acenaphthene-d10	14.53	164	171388	20.00	ng	-0.01
64) Phenanthrene-d10	17.27	188	380811	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	377049	20.00	ng	-0.01
87) Perylene-d12	24.60	264	412352	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	313078	84.69	ng	0.00
7) Phenol-d6	7.07	99	427989	86.22	ng	0.00
23) Nitrobenzene-d5	9.05	82	390650	82.91	ng	-0.01
42) 2,4,6-Tribromophenol	16.02	330	177230	88.09	ng	0.00
45) 2-Fluorobiphenyl	13.15	172	890928	87.05	ng	-0.01
79) Terphenyl-d14	19.89	244	1376144	75.07	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	69263	41.702	ng	98
3) Pyridine	3.75	79	191083	43.182	ng	97
4) n-Nitrosodimethylamine	3.67	42	73466	39.731	ng	94
6) Aniline	7.22	93	257900	41.855	ng	98
8) 2-Chlorophenol	7.46	128	171751	42.274	ng	99
9) Benzaldehyde	7.03	77	111477	39.430	ng	99
10) Phenol	7.09	94	211043	42.958	ng	99
11) bis(2-Chloroethyl)ether	7.31	93	172445	41.057	ng	98
12) 1,3-Dichlorobenzene	7.78	146	203129	41.875	ng	99
13) 1,4-Dichlorobenzene	7.93	146	200324	41.696	ng	99
14) 1,2-Dichlorobenzene	8.24	146	191538	42.178	ng	98
15) Benzyl Alcohol	8.13	79	149295	42.480	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.43	45	235609	41.445	ng	98
17) 2-Methylphenol	8.34	107	146328	41.746	ng	97
18) Hexachloroethane	8.97	117	74011	41.052	ng	95
19) n-Nitroso-di-n-propylamine	8.70	70	135406	40.929	ng	98
20) 3+4-Methylphenols	8.67	107	200656	41.538	ng	99
22) Acetophenone	8.71	105	265594	41.041	ng	# 98
24) Nitrobenzene	9.09	77	190731	41.463	ng	99
25) Isophorone	9.61	82	357579	40.715	ng	100
26) 2-Nitrophenol	9.80	139	103047	43.172	ng	98
27) 2,4-Dimethylphenol	9.87	122	142019	42.150	ng	99
28) bis(2-Chloroethoxy)methane	10.10	93	236811	40.420	ng	100
29) 2,4-Dichlorophenol	10.35	162	172938	42.448	ng	99
30) 1,2,4-Trichlorobenzene	10.56	180	194152	41.560	ng	98
31) Naphthalene	10.74	128	547297	42.405	ng	100
32) Benzoic acid	10.03	122	54439	31.458	ng	93
33) 4-Chloroaniline	10.85	127	244308	41.620	ng	99
34) Hexachlorobutadiene	11.03	225	121549	42.284	ng	99
35) Caprolactam	11.62	113	65447	43.853	ng	99
36) 4-Chloro-3-methylphenol	11.99	107	178199	41.718	ng	98
37) 2-Methylnaphthalene	12.35	142	403209	42.077	ng	99
38) 1-Methylnaphthalene	12.57	142	378875	41.936	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.73	216	216022	42.136	ng	100

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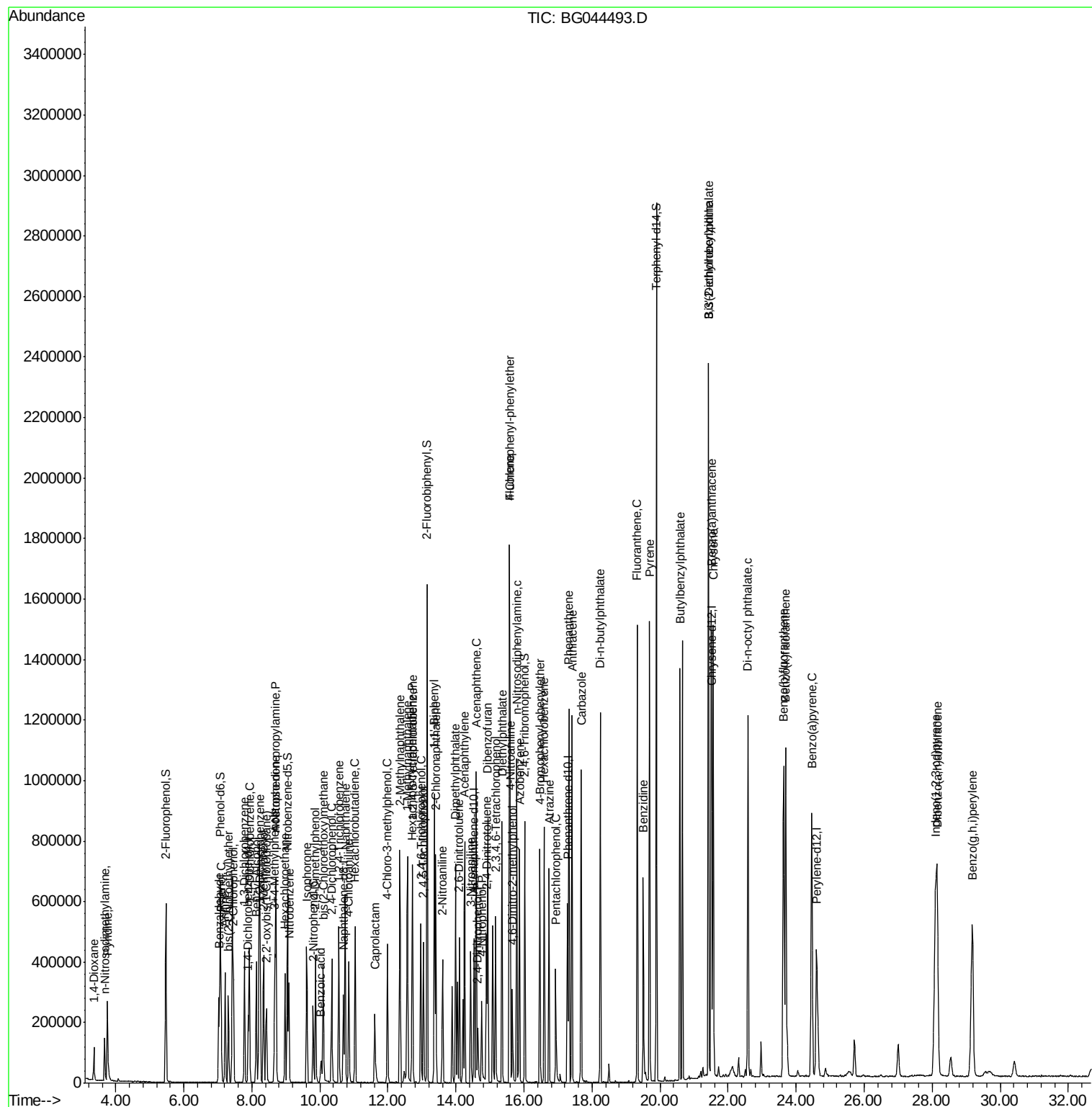
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	85804	34.880	ng	98
43) 2,4,6-Trichlorophenol	12.97	196	142509	43.004	ng	98
44) 2,4,5-Trichlorophenol	13.04	196	147084	43.455	ng	99
46) 1,1'-Biphenyl	13.36	154	519986	42.062	ng	99
47) 2-Chloronaphthalene	13.40	162	412162	41.897	ng	99
48) 2-Nitroaniline	13.60	65	122415	42.166	ng	98
49) Acenaphthylene	14.25	152	617784	42.816	ng	99
50) Dimethylphthalate	13.98	163	517656	42.018	ng	100
51) 2,6-Dinitrotoluene	14.10	165	114376	41.638	ng	99
52) Acenaphthene	14.60	154	391425	41.853	ng	99
53) 3-Nitroaniline	14.43	138	128533	42.294	ng	97
54) 2,4-Dinitrophenol	14.65	184	55382	38.407	ng	96
55) Dibenzofuran	14.93	168	607897	42.931	ng	98
56) 4-Nitrophenol	14.75	139	94693	42.537	ng	95
57) 2,4-Dinitrotoluene	14.89	165	164100	42.623	ng	96
58) Fluorene	15.58	166	480658	43.098	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.17	232	127188	41.601	ng	98
60) Diethylphthalate	15.35	149	520963	42.438	ng	99
61) 4-Chlorophenyl-phenylether	15.57	204	255160	42.195	ng	98
62) 4-Nitroaniline	15.60	138	134888	44.419	ng	95
63) Azobenzene	15.86	77	446489	41.499	ng	99
65) 4,6-Dinitro-2-methylphenol	15.66	198	85165	40.515	ng	95
66) n-Nitrosodiphenylamine	15.79	169	440508	41.277	ng	97
67) 4-Bromophenyl-phenylether	16.47	248	169810	40.929	ng	96
68) Hexachlorobenzene	16.59	284	192494	41.413	ng	99
69) Atrazine	16.74	200	142328	38.910	ng	99
70) Pentachlorophenol	16.93	266	89112	39.565	ng	98
71) Phenanthrene	17.32	178	791751	42.936	ng	98
72) Anthracene	17.41	178	779803	42.773	ng	98
73) Carbazole	17.68	167	730882	43.487	ng	98
74) Di-n-butylphthalate	18.24	149	916712	44.138	ng	98
75) Fluoranthene	19.33	202	944853	44.293	ng	98
77) Benzidine	19.51	184	459188	43.906	ng	98
78) Pyrene	19.69	202	944902	39.023	ng	97
80) Butylbenzylphthalate	20.58	149	435119	39.432	ng	98
81) Benzo(a)anthracene	21.50	228	929117	39.983	ng	97
82) 3,3'-Dichlorobenzidine	21.42	252	364409	40.405	ng	99
83) Chrysene	21.56	228	901120	40.118	ng	97
84) Bis(2-ethylhexyl)phthalate	21.42	149	597222	39.321	ng	100
85) Di-n-octyl phthalate	22.59	149	1076576	40.967	ng	99
86) Indeno(1,2,3-cd)pyrene	28.09	276	1158460	39.532	ng	100
88) Benzo(b)fluoranthene	23.63	252	995006	41.875	ng	99
89) Benzo(k)fluoranthene	23.70	252	967610	41.782	ng	99
90) Benzo(a)pyrene	24.46	252	944543	42.043	ng	99
91) Dibenzo(a,h)anthracene	28.15	278	947848	42.631	ng	99
92) Benzo(g,h,i)perylene	29.18	276	937761	42.132	ng	98

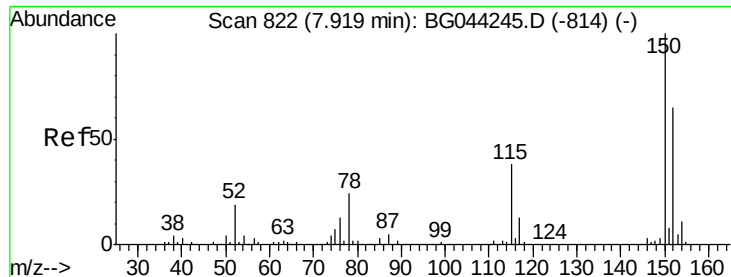
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Instrument :
BNA_G
ClientSampled :

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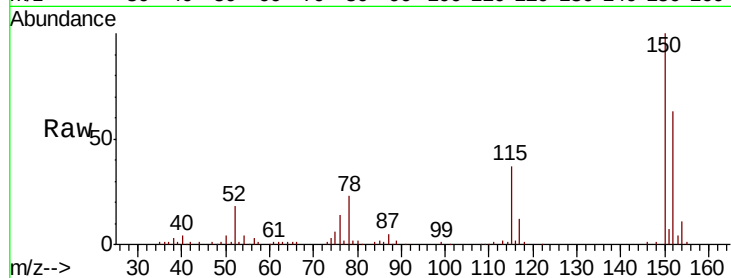


#1

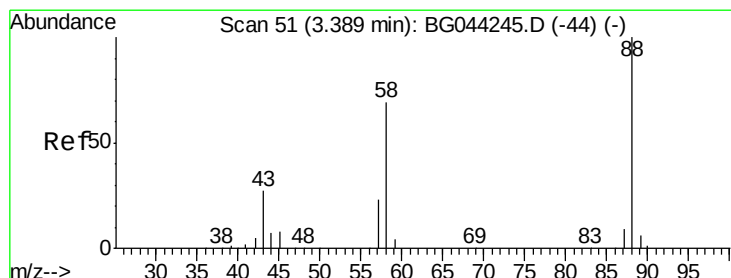
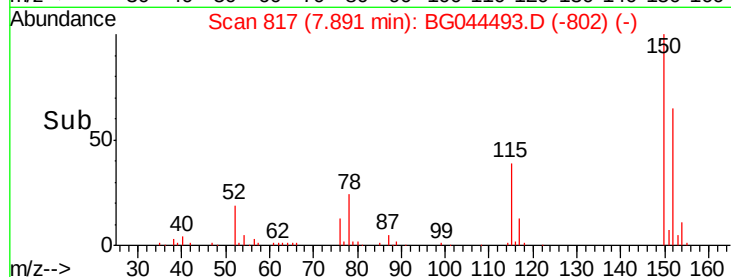
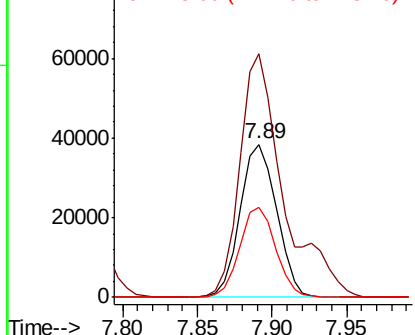
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG044493.D
Acq: 19 Feb 2020 17:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 65241
Ion Ratio Lower Upper
152 100
150 158.9 122.6 183.8
115 59.0 46.0 69.0



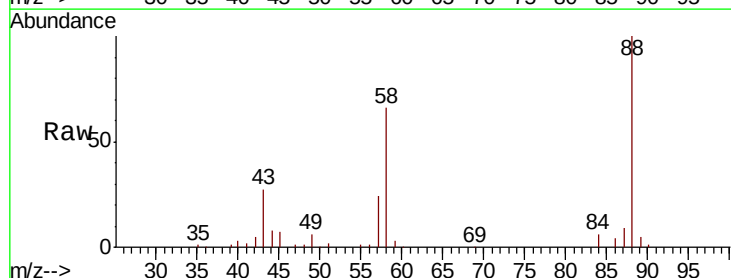
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



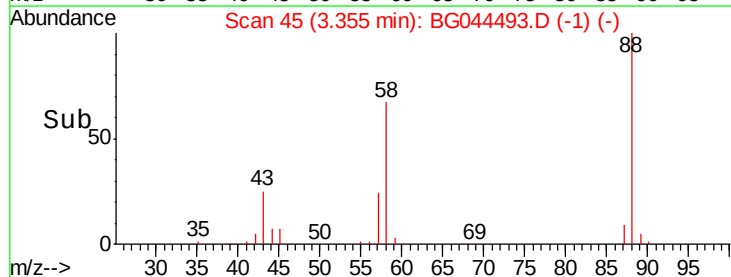
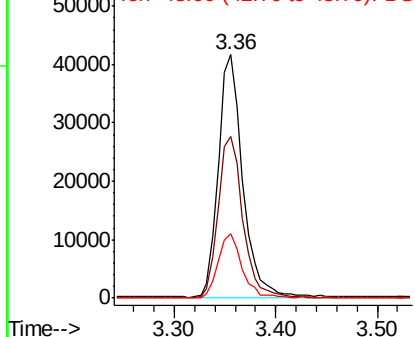
#2

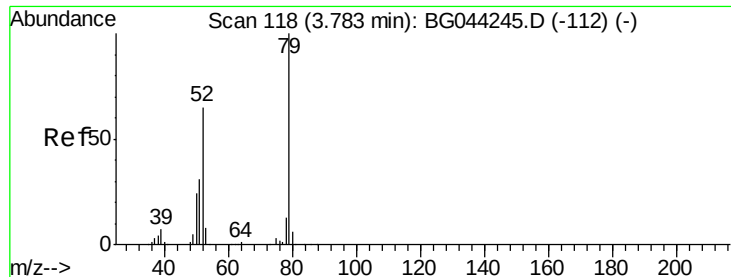
1,4-Dioxane
Concen: 41.702 ng
RT: 3.36 min Scan# 45
Delta R.T. -0.01 min
Lab File: BG044493.D
Acq: 19 Feb 2020 17:27

Tgt Ion: 88 Resp: 69263
Ion Ratio Lower Upper
88 100
58 67.9 55.8 83.6
43 26.3 21.6 32.4



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





#3

Pvridine

Concen: 43.182 ng

RT: 3.75 min Scan# 112

Delta R.T. -0.01 min

Lab File: BG044493.D

Acq: 19 Feb 2020 17:27

Instrument :

BNA_G

ClientSampleId :

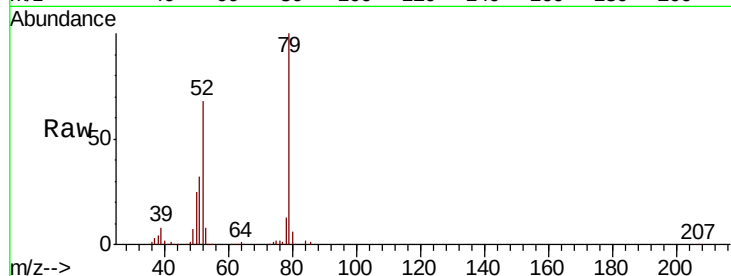
Tot Ion: 79 Resp: 191083

Ion Ratio Lower Upper

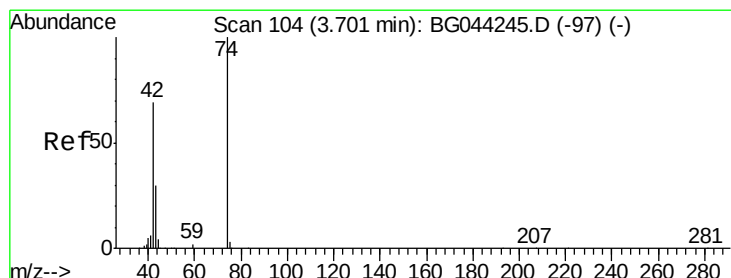
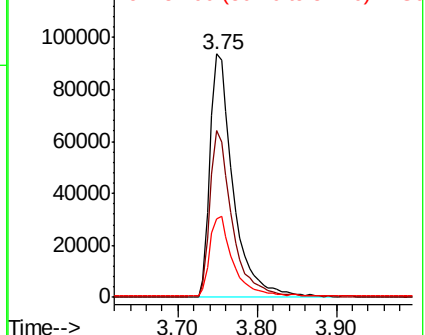
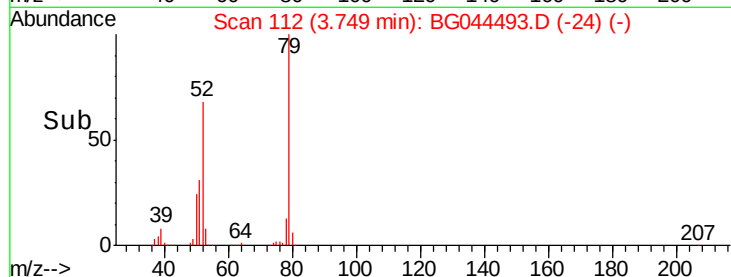
79 100

52 68.3 51.9 77.9

51 32.4 25.3 37.9



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



#4

n-Nitrosodimethylamine

Concen: 39.731 ng

RT: 3.67 min Scan# 98

Delta R.T. -0.01 min

Lab File: BG044493.D

Acq: 19 Feb 2020 17:27

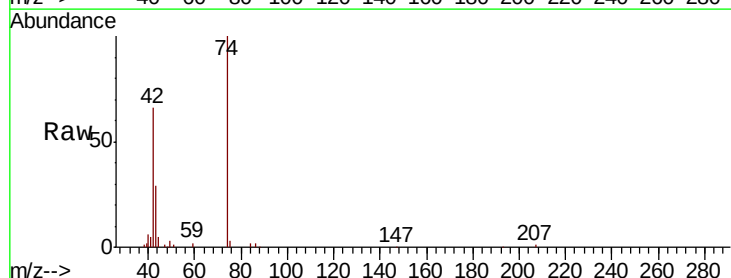
Tgt Ion: 42 Resp: 73466

Ion Ratio Lower Upper

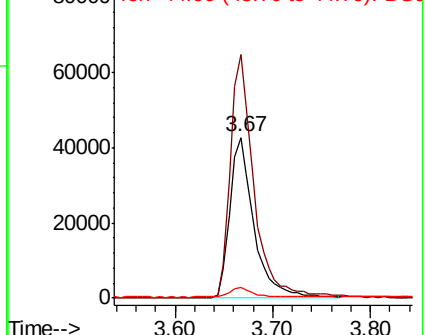
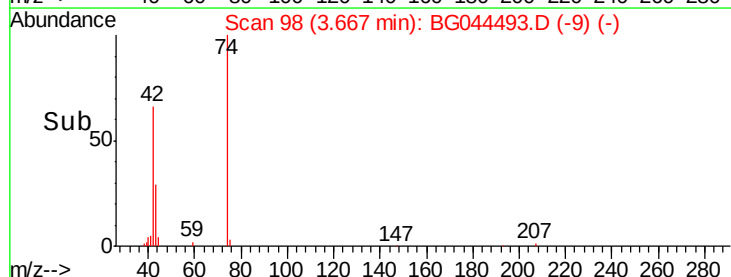
42 100

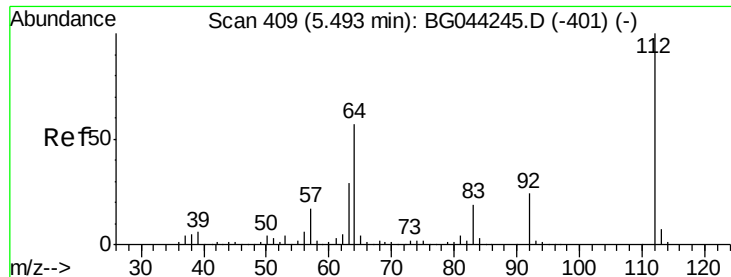
74 151.7 115.1 172.7

44 7.0 5.6 8.4



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





#5

2-Fluorophenol

Concen: 84.691 ng

RT: 5.47 min Scan# 405

Delta R.T. -0.01 min

Lab File: BG044493.D

Acq: 19 Feb 2020 17:27

Instrument :

BNA_G

ClientSampled :

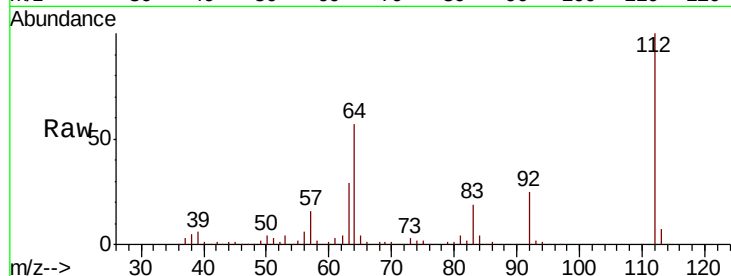
Tot Ion: 112 Resp: 313078

Ion Ratio Lower Upper

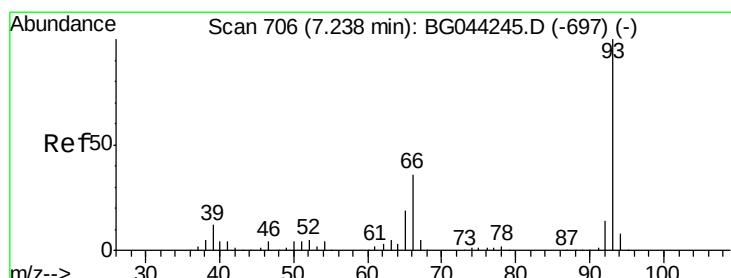
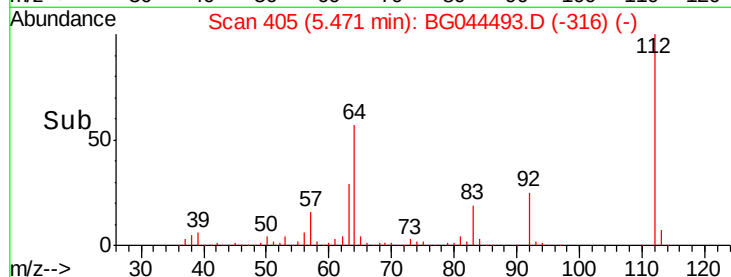
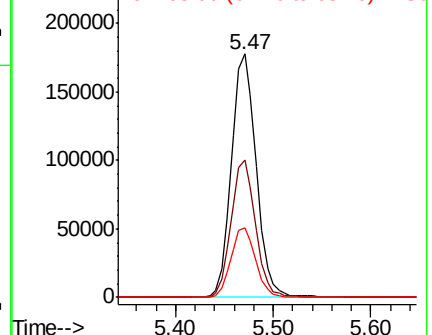
112 100

64 56.5 45.4 68.2

63 28.5 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: 41.855 ng

RT: 7.22 min Scan# 702

Delta R.T. -0.01 min

Lab File: BG044493.D

Acq: 19 Feb 2020 17:27

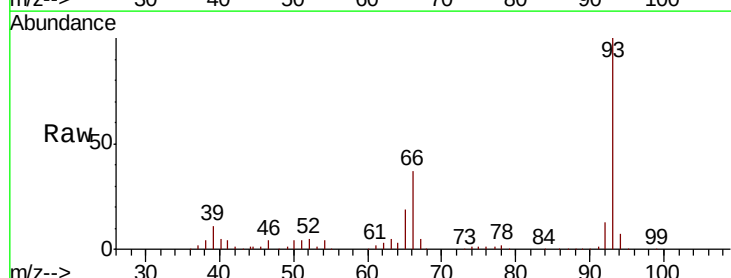
Tgt Ion: 93 Resp: 257900

Ion Ratio Lower Upper

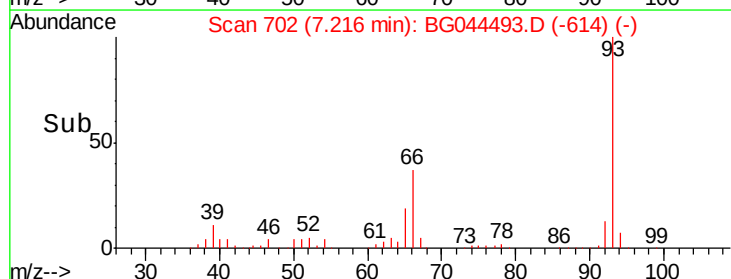
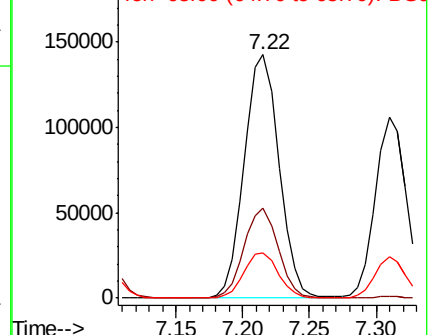
93 100

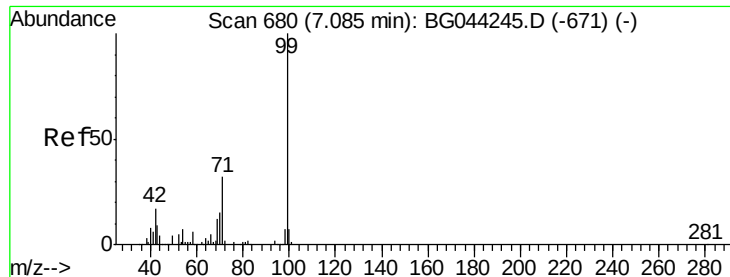
66 36.9 28.7 43.1

65 18.5 15.4 23.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 86.217 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044493.D

Acq: 19 Feb 2020 17:27

Instrument :

BNA_G

ClientSampleId :

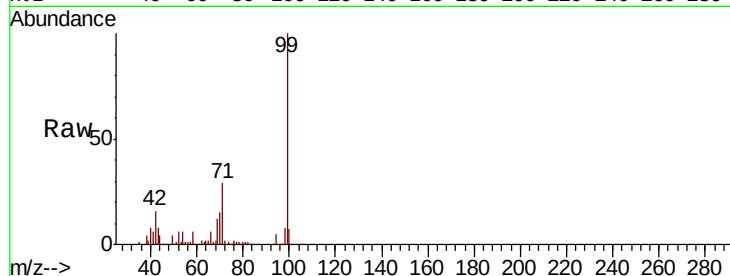
Tot Ion: 99 Resp: 427989

Ion Ratio Lower Upper

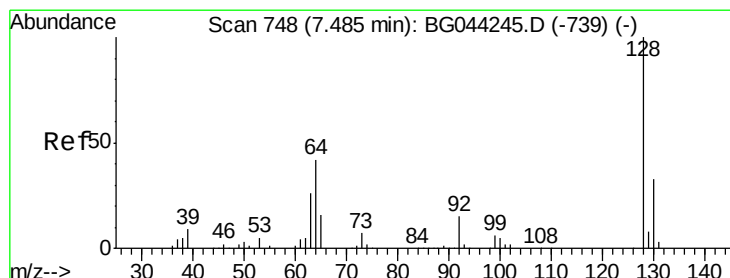
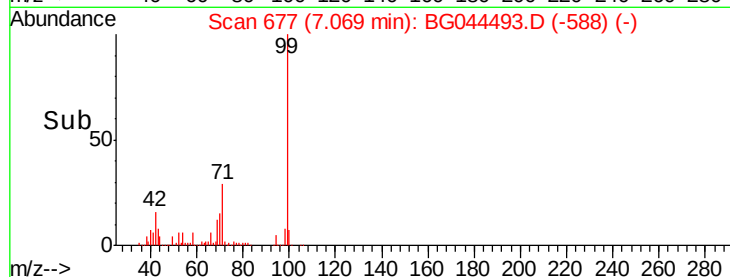
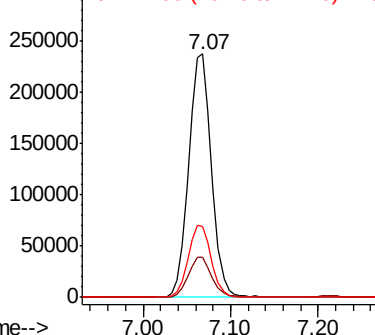
99 100

42 16.4 13.8 20.6

71 29.2 25.5 38.3



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



#8

2-Chlorophenol

Concen: 42.274 ng

RT: 7.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BG044493.D

Acq: 19 Feb 2020 17:27

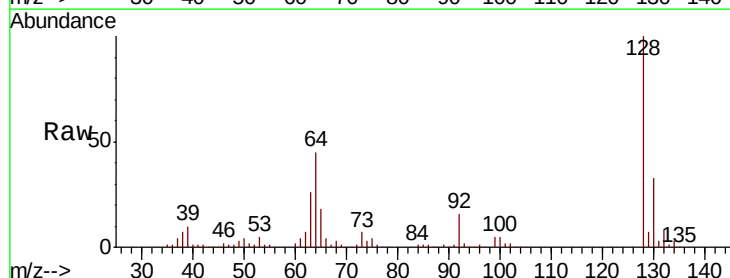
Tgt Ion: 128 Resp: 171751

Ion Ratio Lower Upper

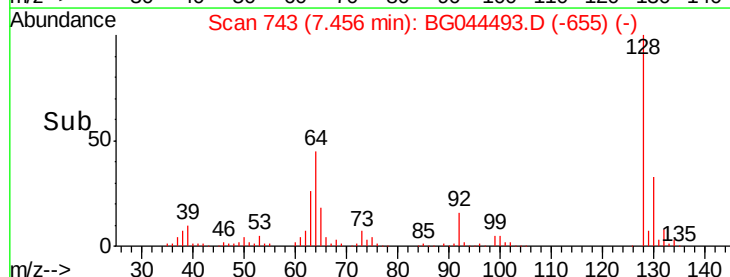
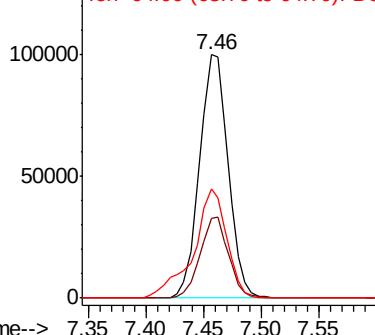
128 100

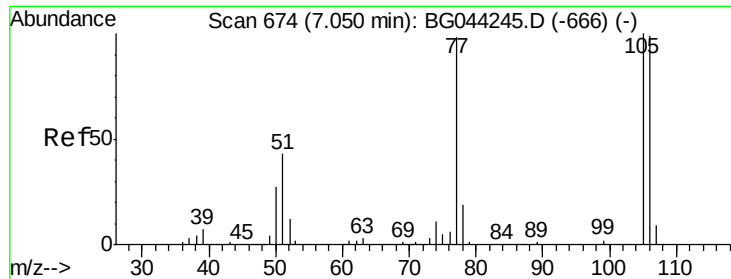
130 33.0 12.5 52.5

64 44.7 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: 39.430 ng

RT: 7.03 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG044493.D

Acq: 19 Feb 2020 17:27

Instrument :

BNA_G

ClientSampleId :

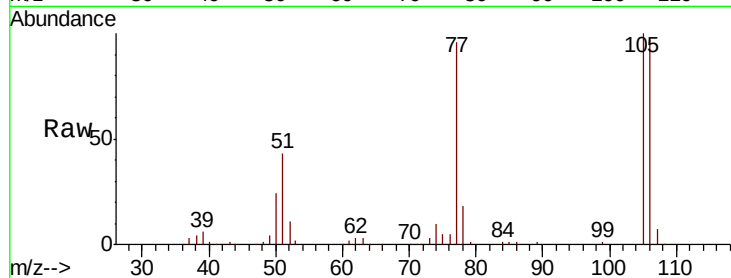
Tot Ion: 77 Resp: 111477

Ion Ratio Lower Upper

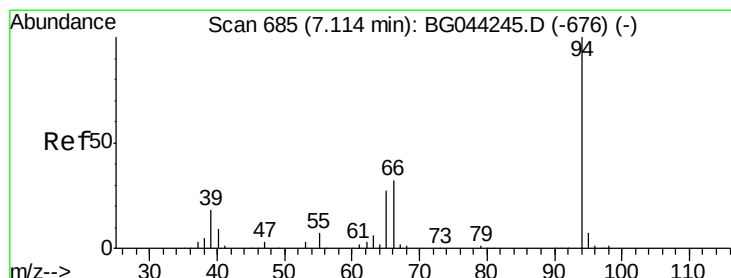
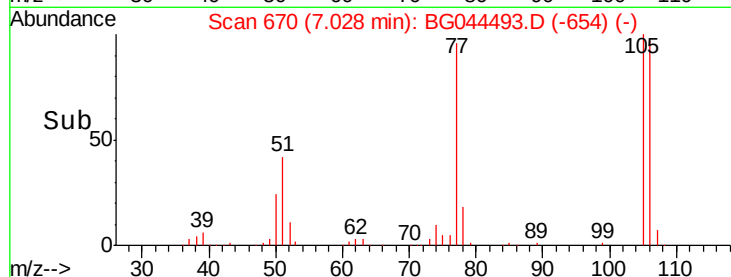
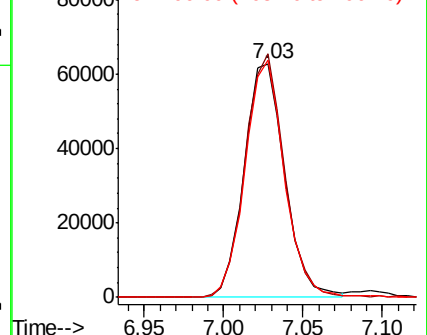
77 100

105 104.2 82.0 122.0

106 101.3 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: 42.958 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG044493.D

Acq: 19 Feb 2020 17:27

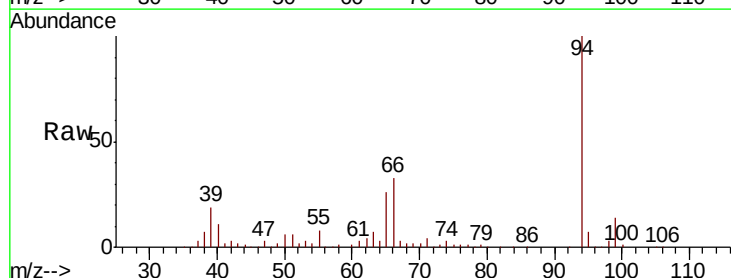
Tgt Ion: 94 Resp: 211043

Ion Ratio Lower Upper

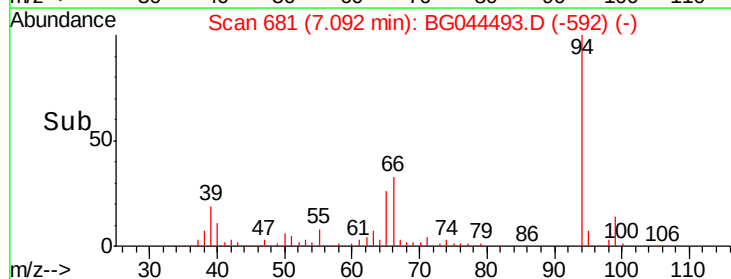
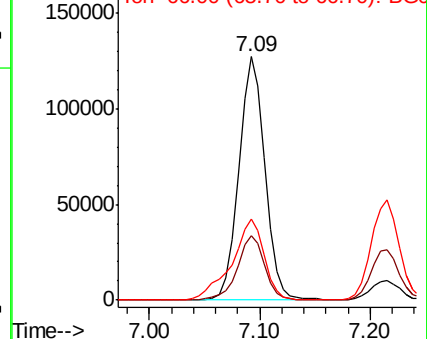
94 100

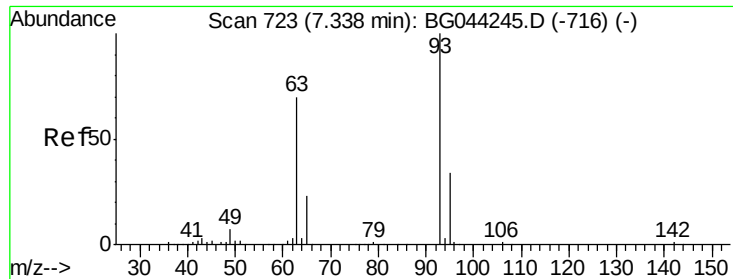
65 26.5 7.0 47.0

66 33.2 12.7 52.7



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

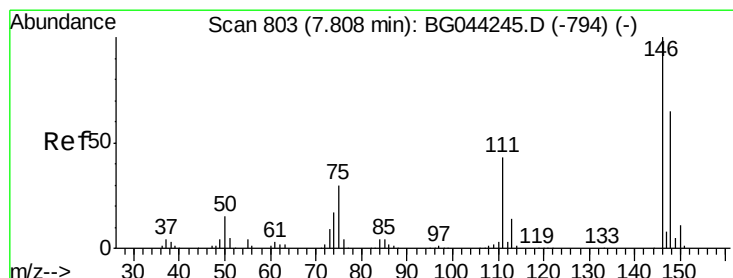
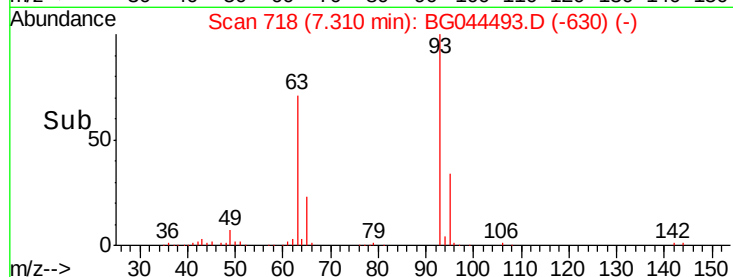
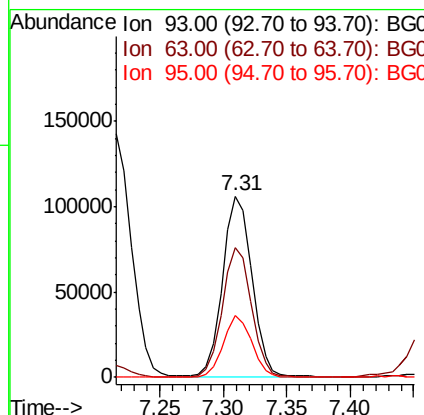
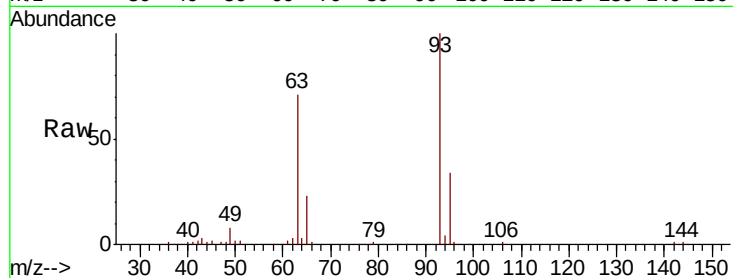




#11
bis(2-Chloroethyl)ether
Concen: 41.057 ng
RT: 7.31 min Scan# 718
Delta R.T. -0.01 min
Lab File: BG044493.D
Acq: 19 Feb 2020 17:27

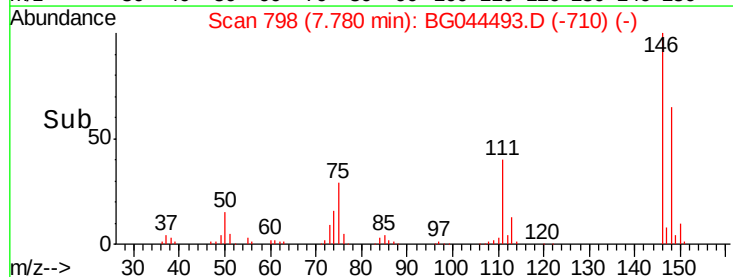
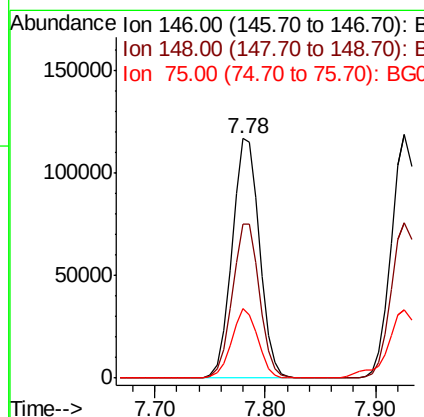
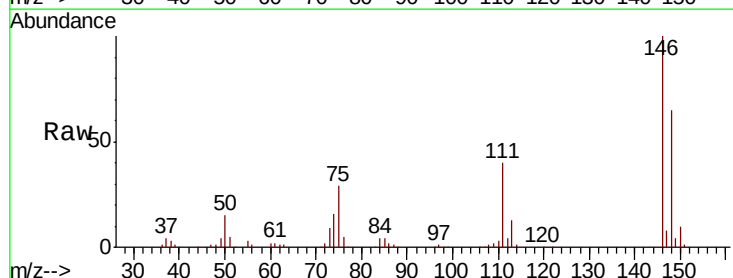
Instrument :
BNA_G
ClientSampleId :

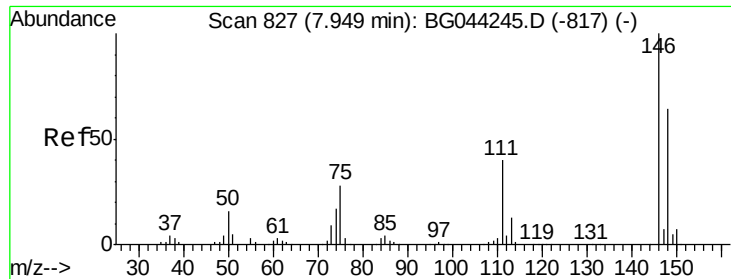
Tot Ion: 93 Resp: 172445
Ion Ratio Lower Upper
93 100
63 71.4 49.2 89.2
95 34.0 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 41.875 ng
RT: 7.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BG044493.D
Acq: 19 Feb 2020 17:27

Tgt Ion: 146 Resp: 203129
Ion Ratio Lower Upper
146 100
148 64.6 51.8 77.8
75 28.9 23.7 35.5

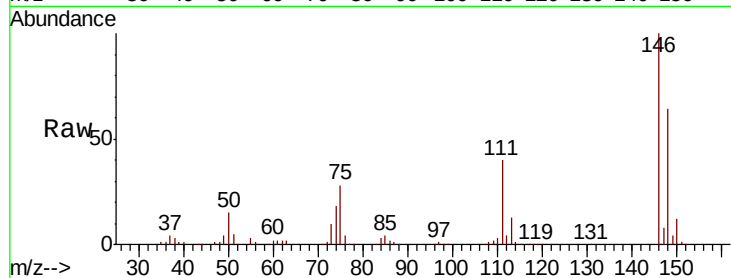




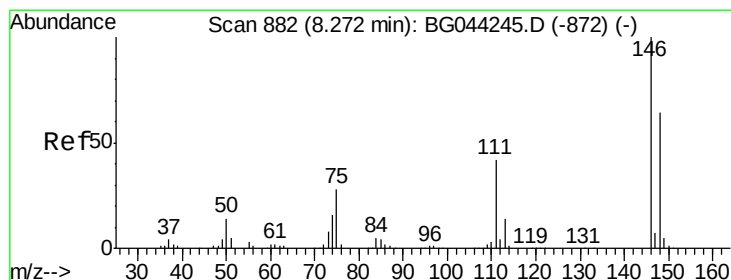
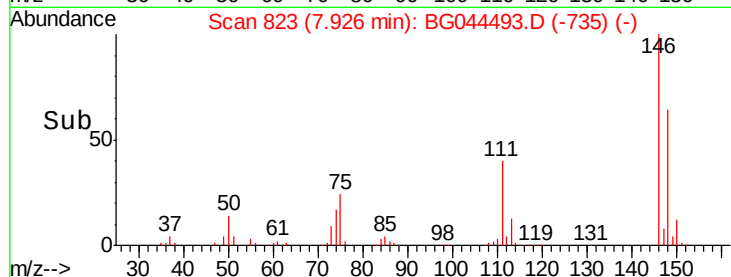
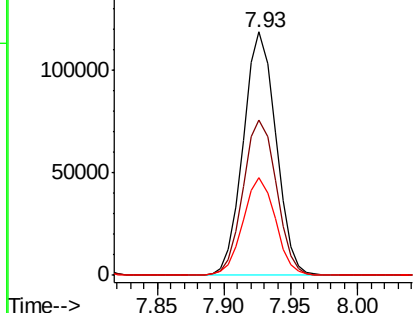
#13
 1,4-Dichlorobenzene
 Concen: 41.696 ng
 RT: 7.93 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BG044493.D
 Acq: 19 Feb 2020 17:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 200324
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.4 77.0
 111 40.4 31.8 47.8

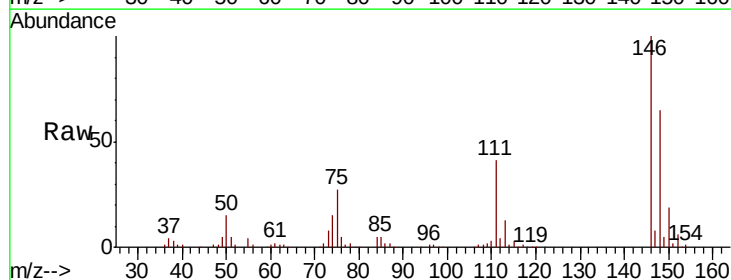


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

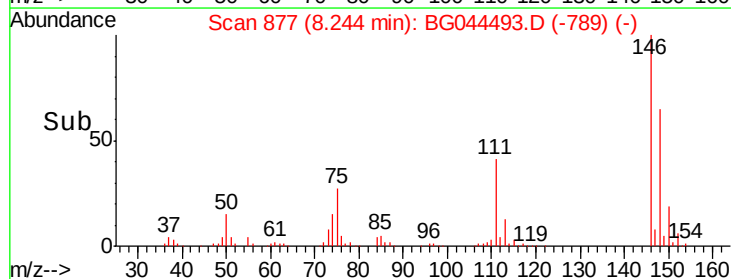
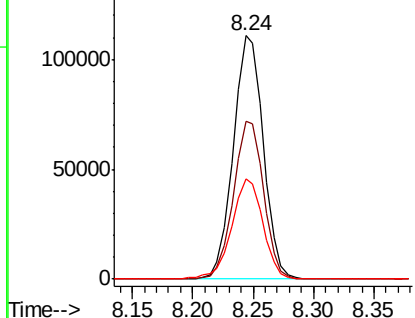


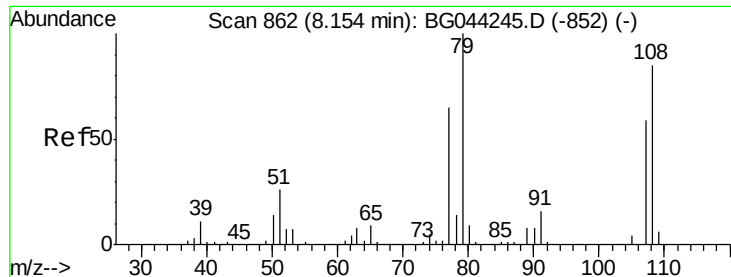
#14
 1,2-Dichlorobenzene
 Concen: 42.178 ng
 RT: 8.24 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BG044493.D
 Acq: 19 Feb 2020 17:27

Tgt Ion:146 Resp: 191538
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.2 76.8
 111 41.1 34.0 51.0



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





#15

Benzyl Alcohol

Concen: 42.480 ng

RT: 8.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BG044493.D

Acq: 19 Feb 2020 17:27

Instrument :

BNA_G

ClientSampled :

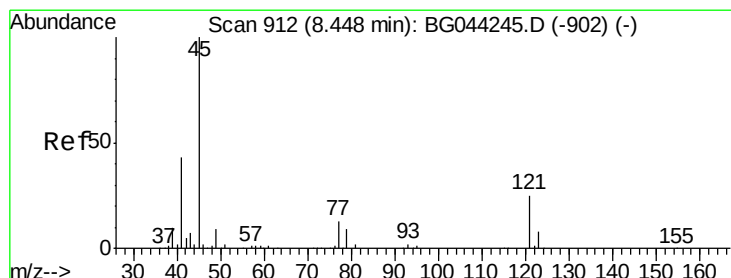
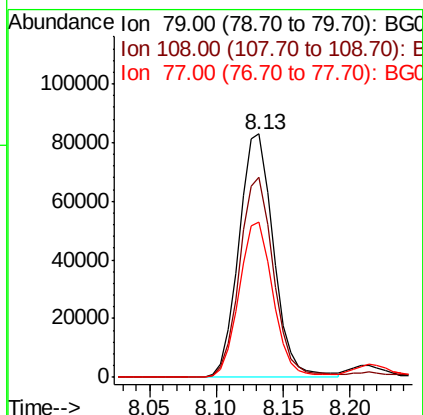
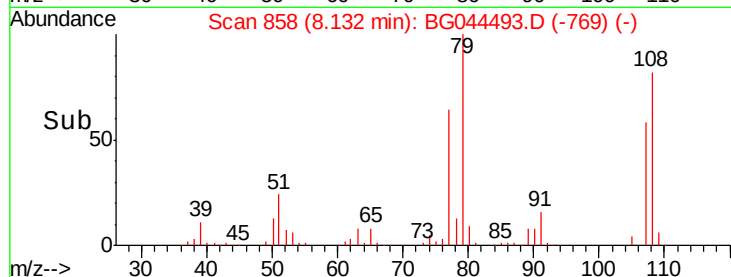
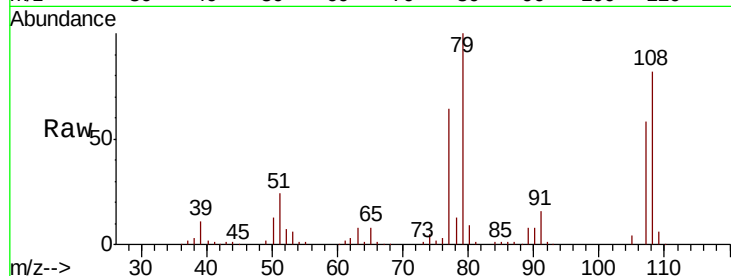
Tot Ion: 79 Resp: 149295

Ion Ratio Lower Upper

79 100

108 82.3 68.3 102.5

77 63.8 51.8 77.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.445 ng

RT: 8.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG044493.D

Acq: 19 Feb 2020 17:27

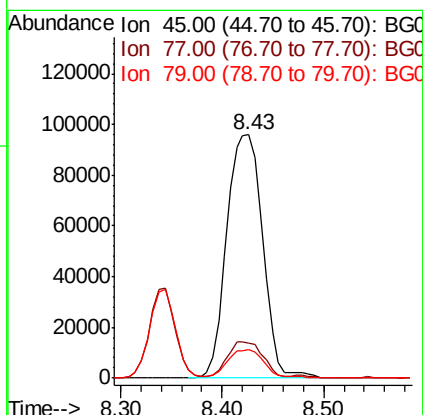
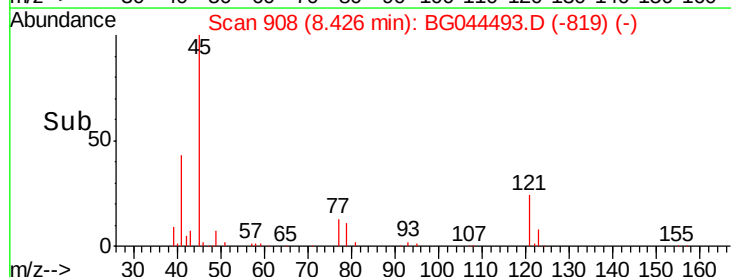
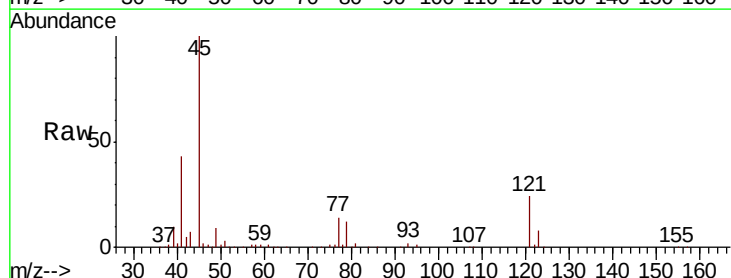
Tgt Ion: 45 Resp: 235609

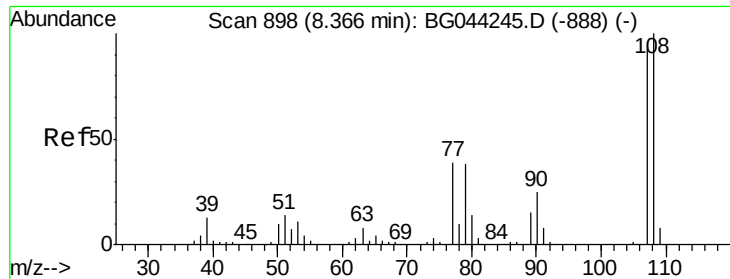
Ion Ratio Lower Upper

45 100

77 14.2 0.0 35.2

79 11.7 0.0 31.1





#17

2-Methylphenol

Concen: 41.746 ng

RT: 8.34 min Scan# 894

Delta R.T. -0.01 min

Lab File: BG044493.D

Acq: 19 Feb 2020 17:27

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 146328

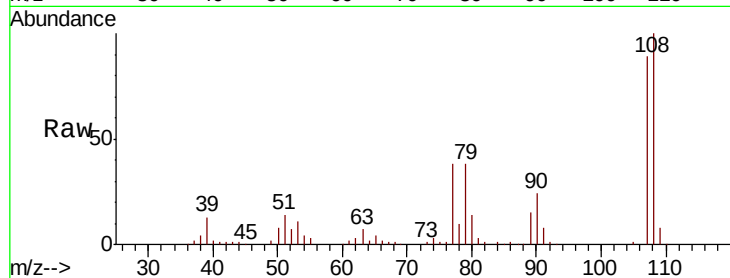
Ion Ratio Lower Upper

107 100

108 112.1 86.4 129.6

77 42.8 34.0 51.0

79 42.2 32.9 49.3

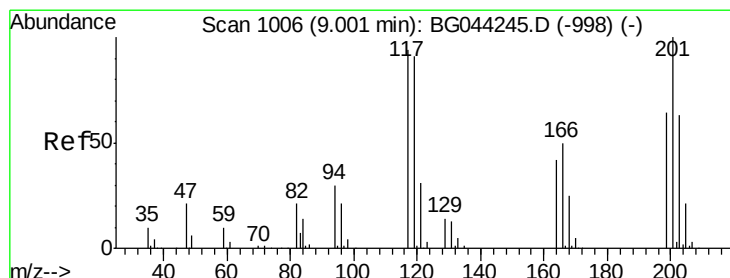
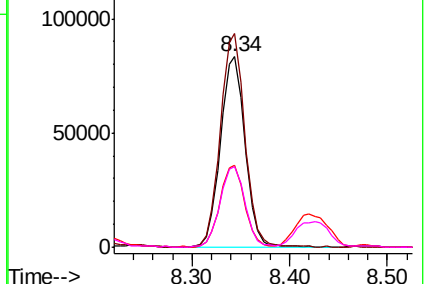
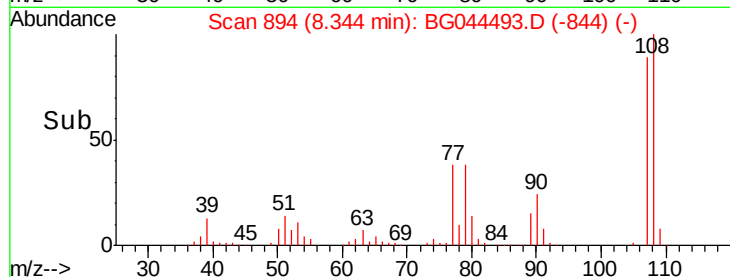


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.052 ng

RT: 8.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BG044493.D

Acq: 19 Feb 2020 17:27

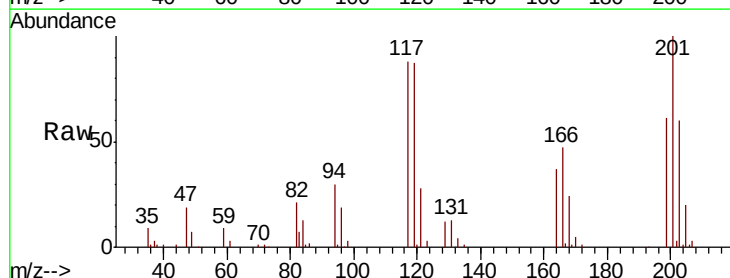
Tgt Ion:117 Resp: 74011

Ion Ratio Lower Upper

117 100

119 98.9 77.5 116.3

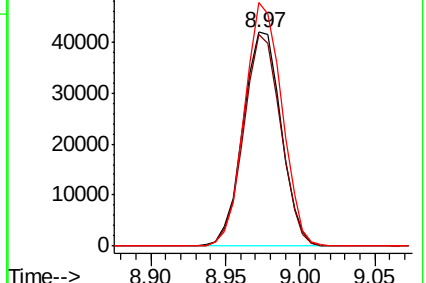
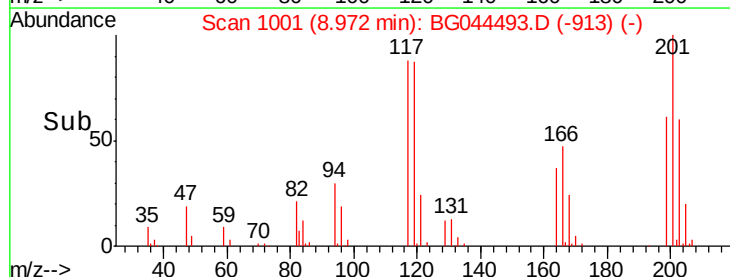
201 113.8 84.9 127.3

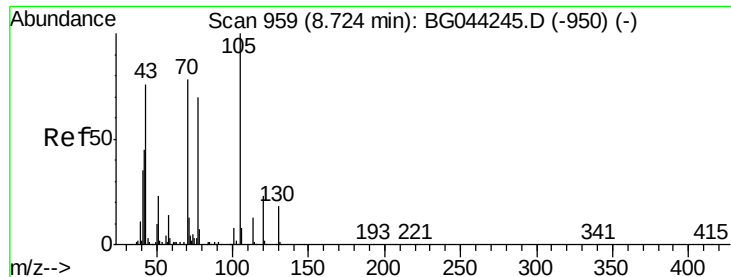


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

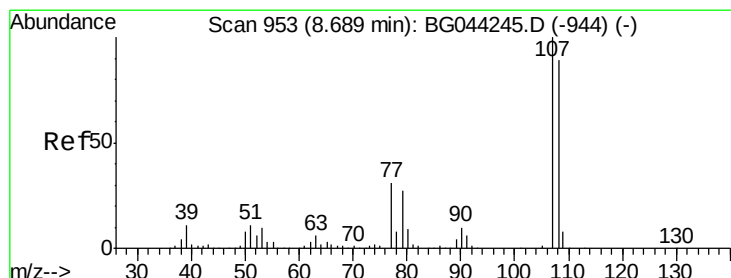
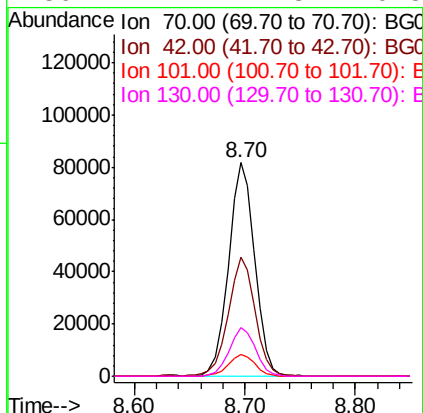
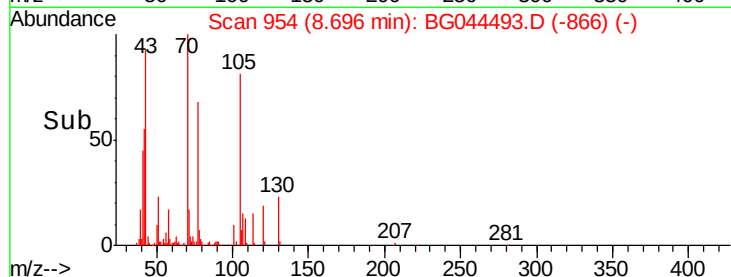
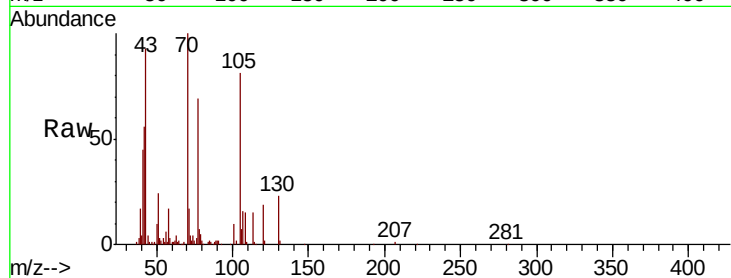




#19
n-Nitroso-di-n-propylamine
Concen: 40.929 ng
RT: 8.70 min Scan# 954
Delta R.T. -0.01 min
Lab File: BG044493.D
Acq: 19 Feb 2020 17:27

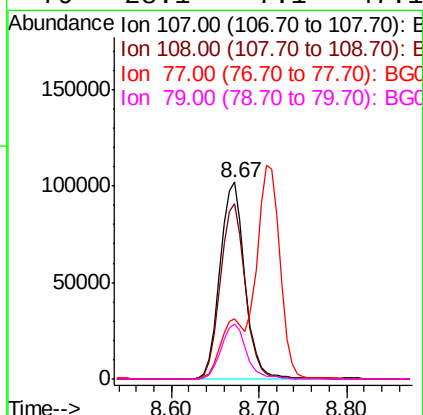
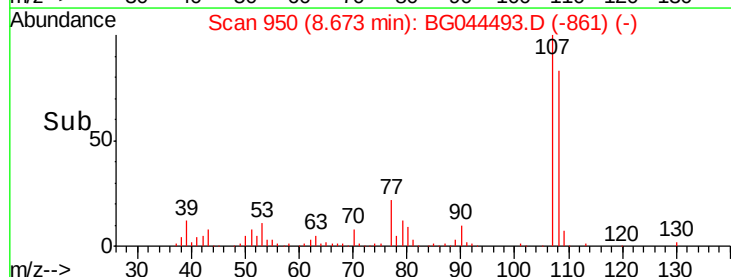
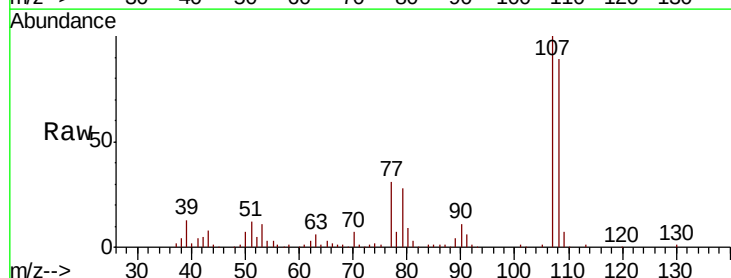
Instrument :
BNA_G
ClientSampleId :

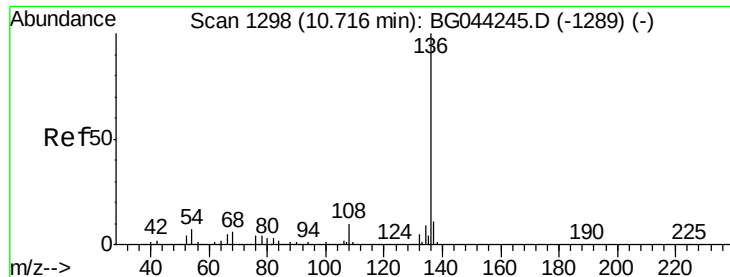
Tot Ion:	70	Resp:	135406
Ion	Ratio	Lower	Upper
70	100		
42	55.6	46.2	69.2
101	10.1	8.4	12.6
130	22.7	17.8	26.8



#20
3+4-Methylphenols
Concen: 41.538 ng
RT: 8.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG044493.D
Acq: 19 Feb 2020 17:27

Tgt Ion:	107	Resp:	200656
Ion	Ratio	Lower	Upper
107	100		
108	89.3	68.5	108.5
77	30.8	10.9	50.9
79	28.1	7.1	47.1

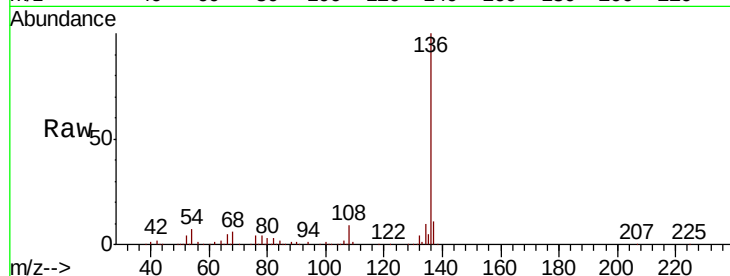




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG044493.D
Acq: 19 Feb 2020 17:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp: 266020
Ion Ratio	Lower Upper
136 100	
137 10.9	8.8 13.2
54 7.2	5.8 8.8
68 5.7	4.6 6.8



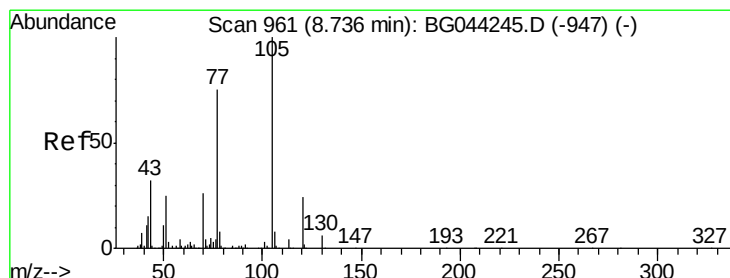
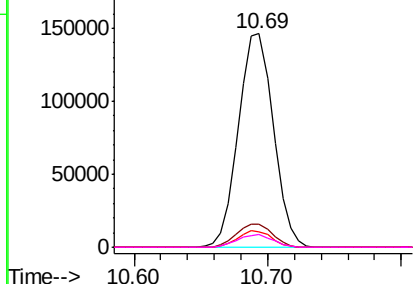
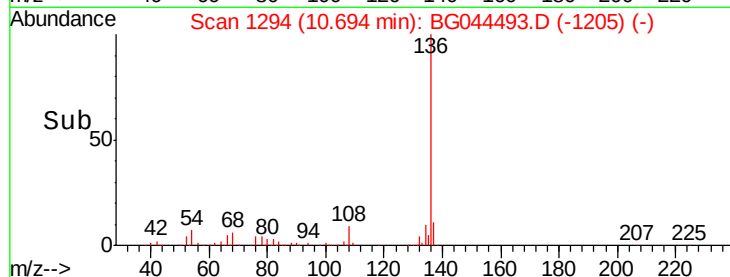
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

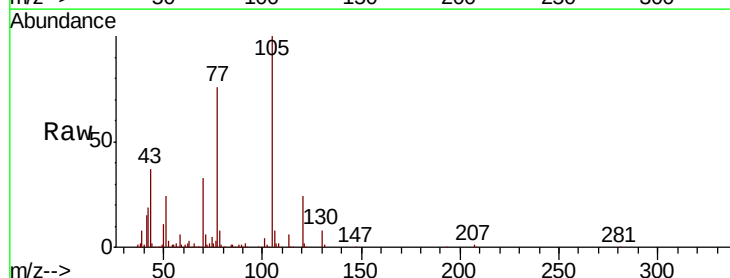
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 41.041 ng
RT: 8.71 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG044493.D
Acq: 19 Feb 2020 17:27

Tgt	Ion:105	Resp:	265594
Ion	Ratio	Lower	Upper
105	100		
71	6.1	3.4	5.0#
51	24.0	20.2	30.4
120	23.6	19.1	28.7



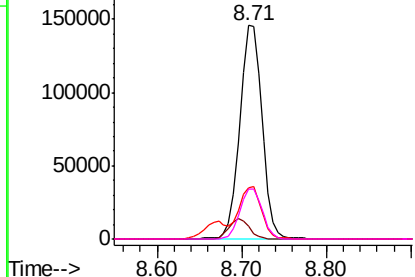
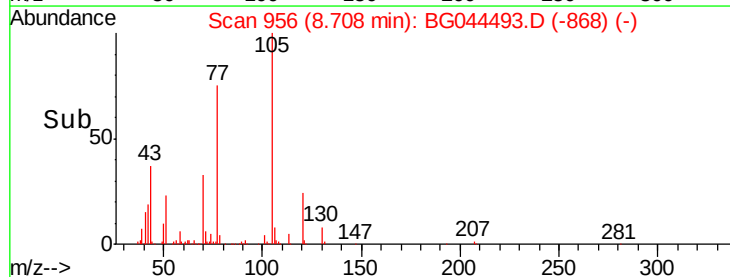
Abundance

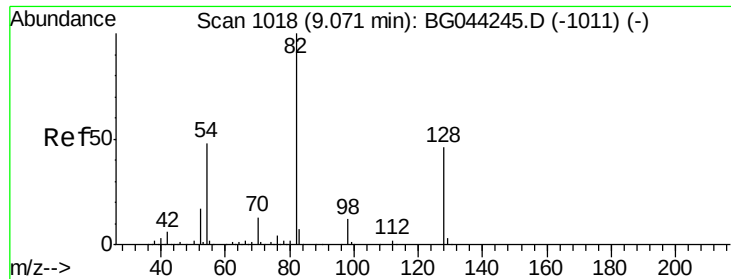
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

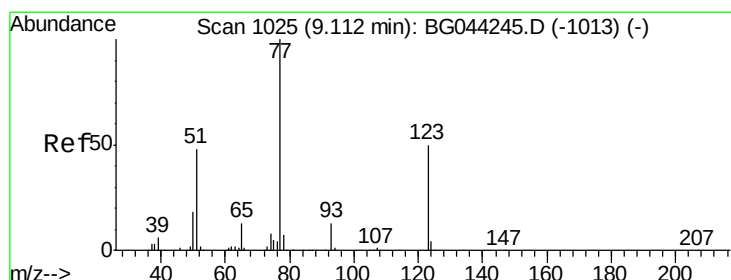
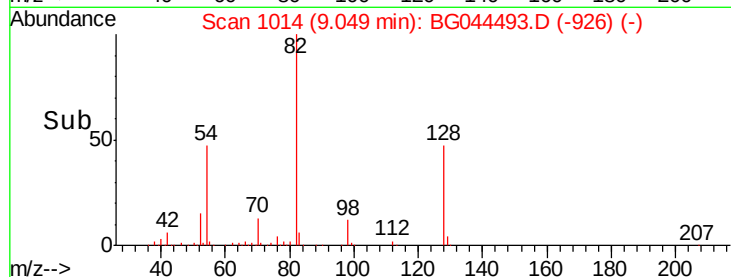
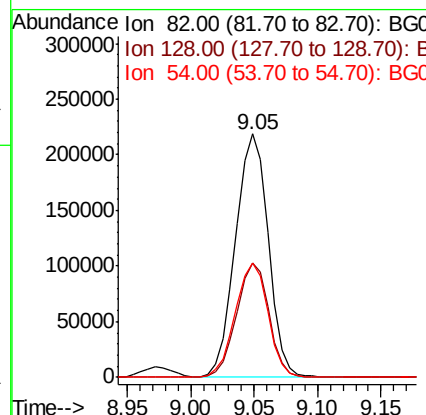
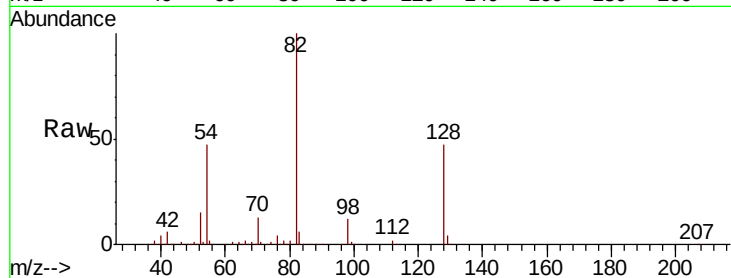




#23
Nitrobenzene-d5
Concen: 82.906 ng
RT: 9.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG044493.D
Acq: 19 Feb 2020 17:27

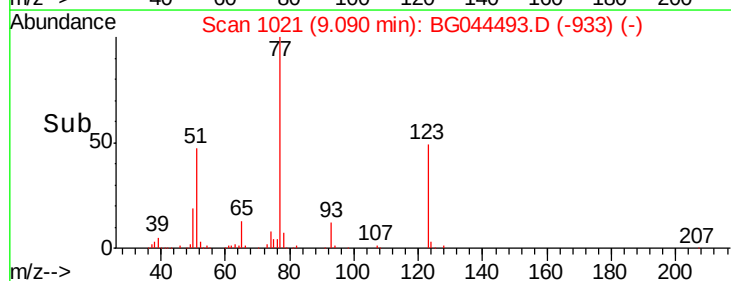
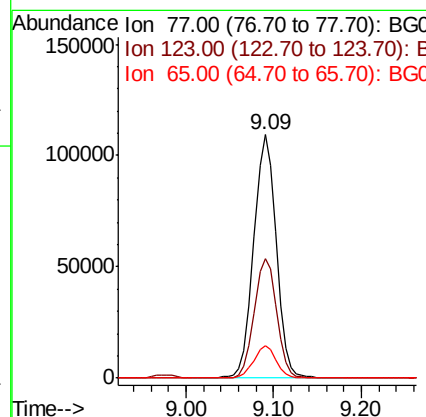
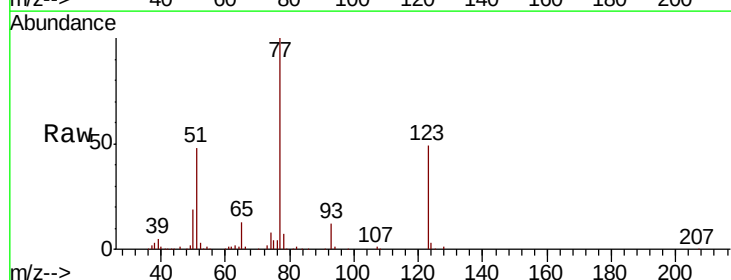
Instrument :
BNA_G
ClientSampled :

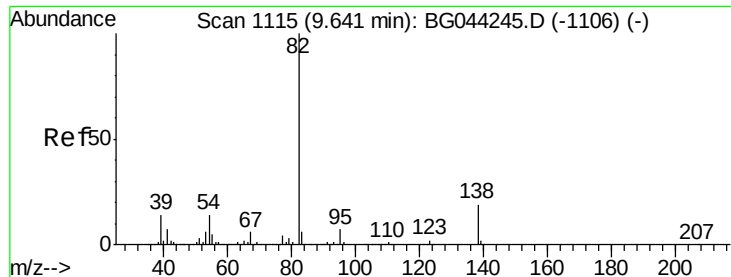
Tot Ion	82	Resp	390650
Ion Ratio	Lower	Upper	
82	100		
128	46.9	36.5	54.7
54	46.9	38.6	58.0



#24
Nitrobenzene
Concen: 41.463 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG044493.D
Acq: 19 Feb 2020 17:27

Tgt Ion	77	Resp	190731
Ion Ratio	Lower	Upper	
77	100		
123	48.8	39.9	59.9
65	13.2	10.4	15.6





#25

Isophorone

Concen: 40.715 ng

RT: 9.61 min Scan# 1110

Delta R.T. -0.02 min

Lab File: BG044493.D

Acq: 19 Feb 2020 17:27

Instrument :

BNA_G

ClientSampleId :

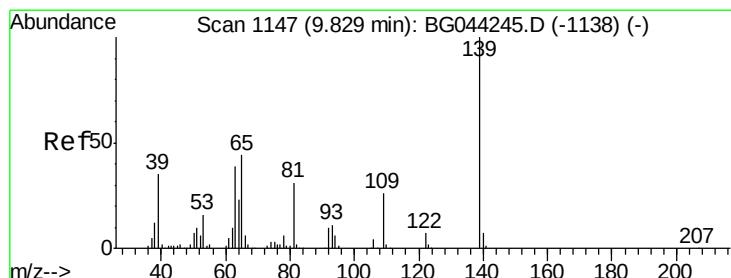
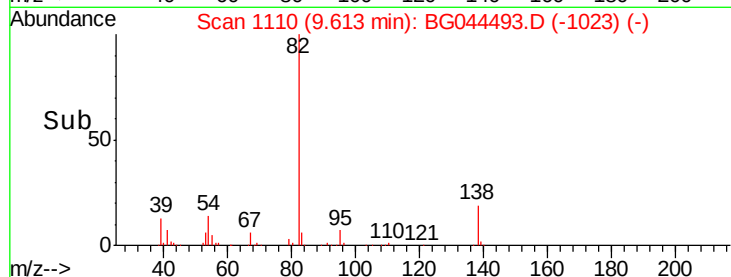
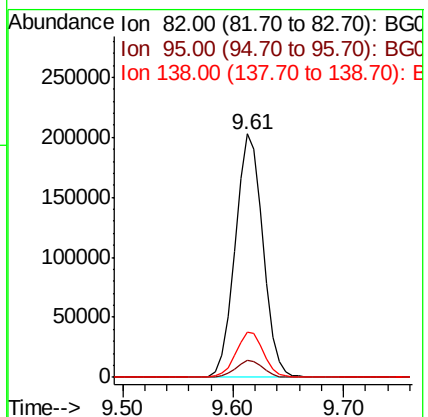
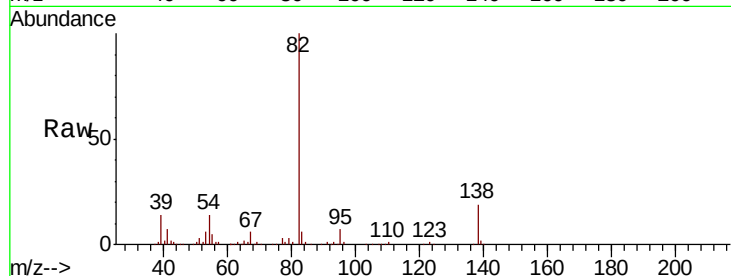
Tot Ion: 82 Resp: 357579

Ion Ratio Lower Upper

82 100

95 7.0 5.7 8.5

138 18.7 15.0 22.4



#26

2-Nitrophenol

Concen: 43.172 ng

RT: 9.80 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BG044493.D

Acq: 19 Feb 2020 17:27

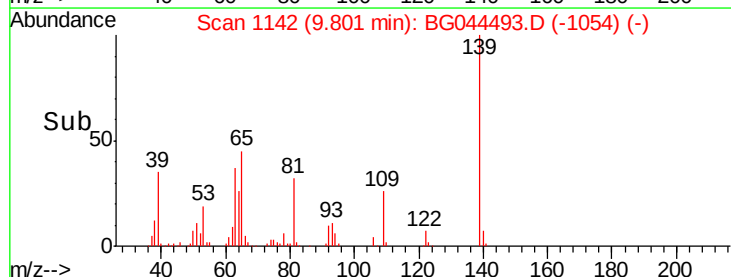
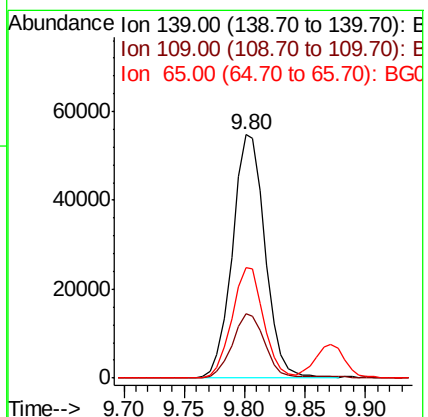
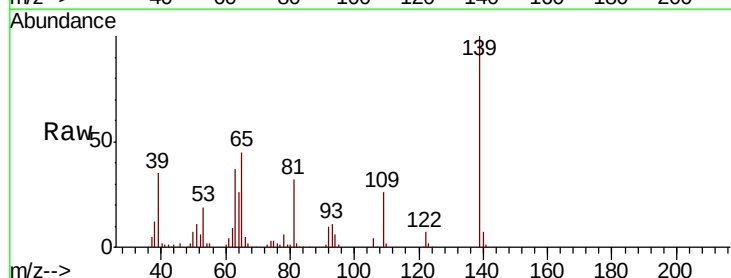
Tgt Ion: 139 Resp: 103047

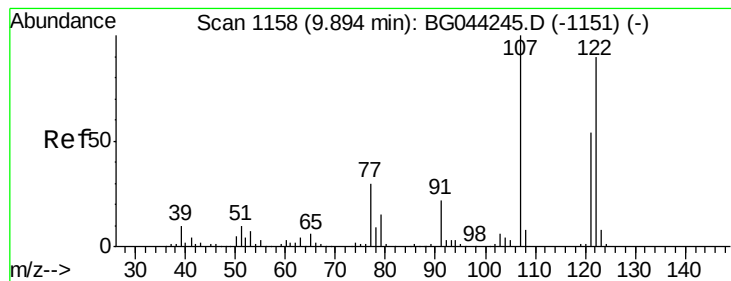
Ion Ratio Lower Upper

139 100

109 26.4 21.0 31.4

65 45.2 35.0 52.4





#27

2,4-Dimethylphenol

Concen: 42.150 ng

RT: 9.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BG044493.D

Acq: 19 Feb 2020 17:27

Instrument :

BNA_G

ClientSampleId :

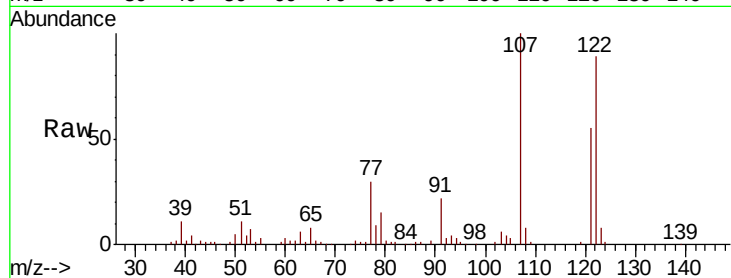
Tot Ion:122 Resp: 142019

Ion Ratio Lower Upper

122 100

107 111.8 88.8 133.2

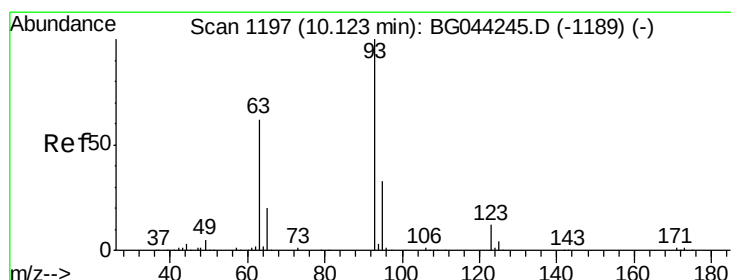
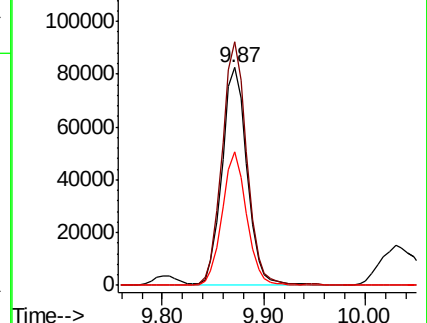
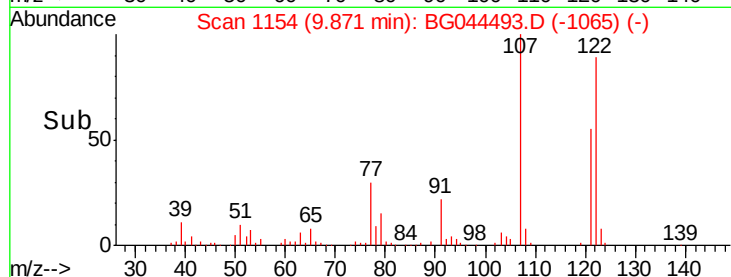
121 61.3 48.3 72.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.420 ng

RT: 10.10 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BG044493.D

Acq: 19 Feb 2020 17:27

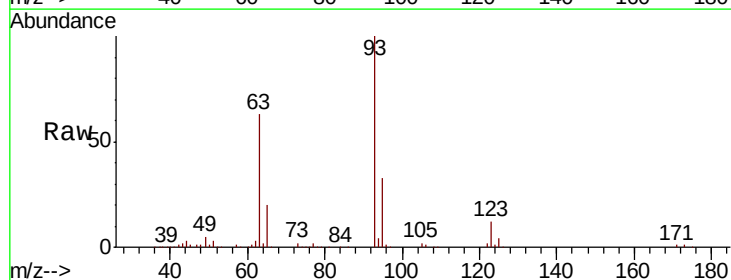
Tgt Ion: 93 Resp: 236811

Ion Ratio Lower Upper

93 100

95 33.4 26.6 40.0

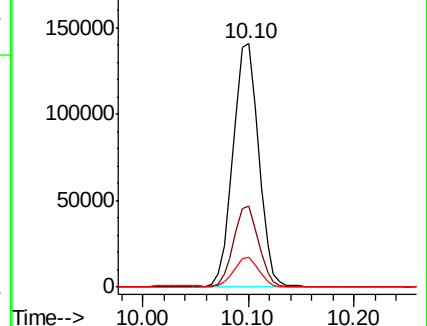
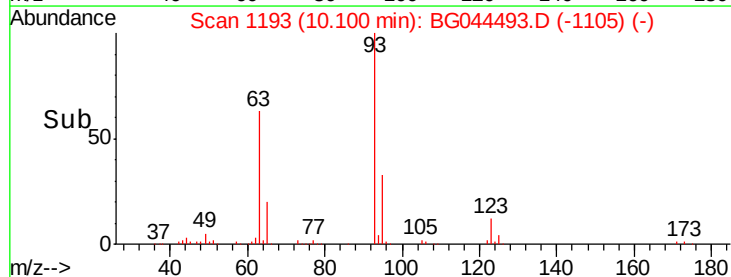
123 12.5 10.0 15.0

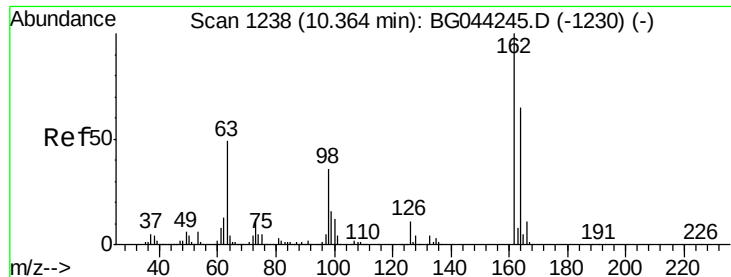


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

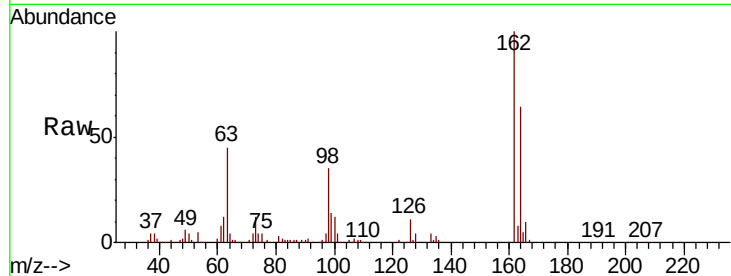




#29
2,4-Dichlorophenol
Concen: 42.448 ng
RT: 10.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BG044493.D
Acq: 19 Feb 2020 17:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.7	84.7
98	34.8	15.8	55.8

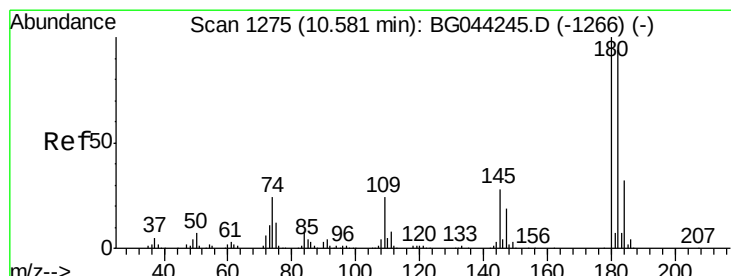
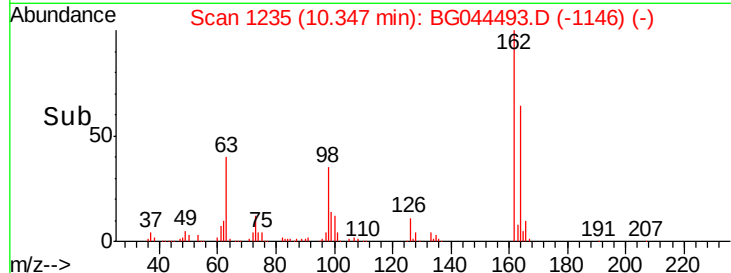
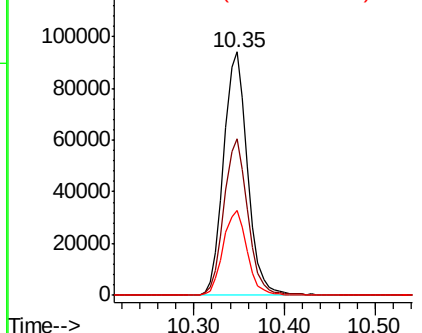


Abundance

Ion 162.00 (161.70 to 162.70): E

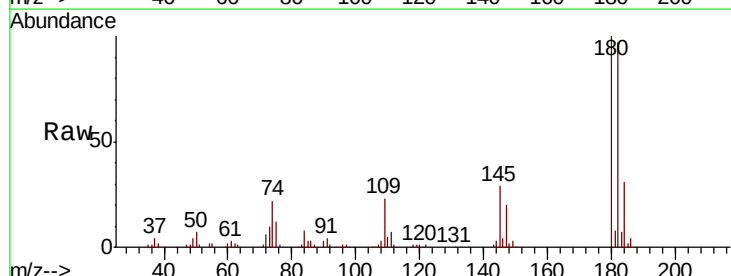
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
1,2,4-Trichlorobenzene
Concen: 41.560 ng
RT: 10.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BG044493.D
Acq: 19 Feb 2020 17:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	75.5	113.3
145	28.7	22.6	34.0

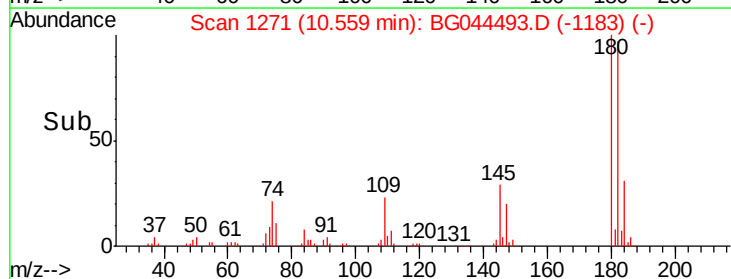
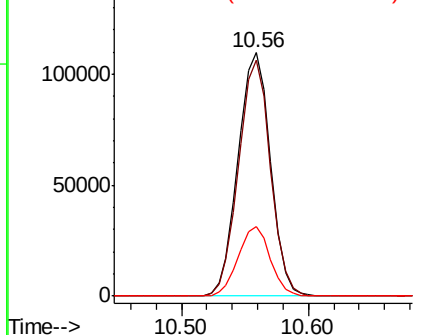


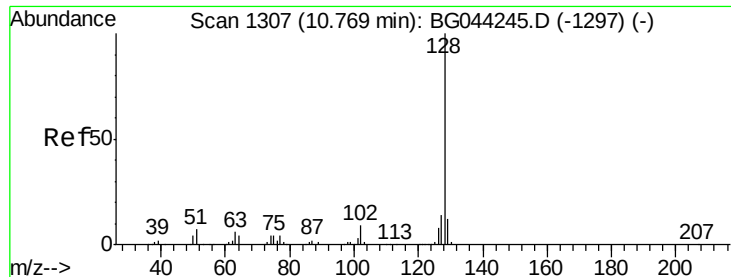
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

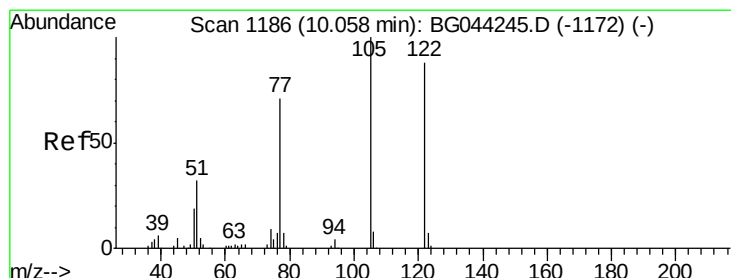
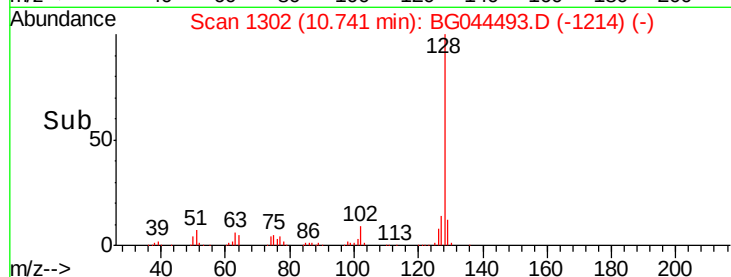
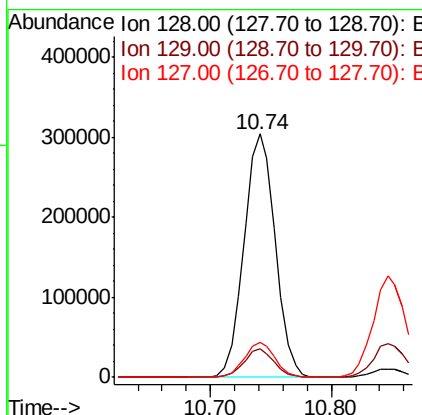
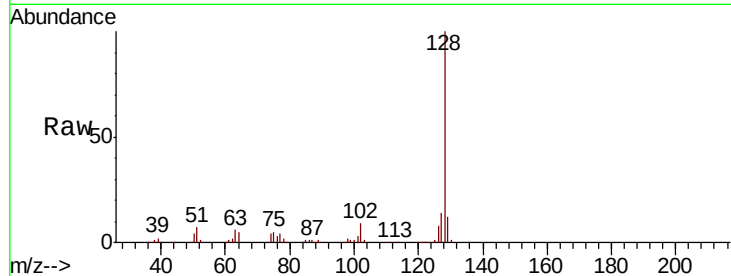




#31
Naphthalene
Concen: 42.405 ng
RT: 10.74 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG044493.D
Acq: 19 Feb 2020 17:27

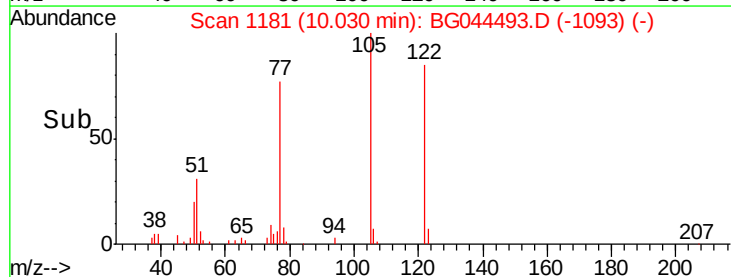
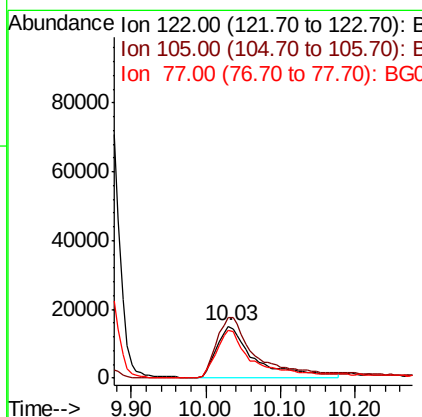
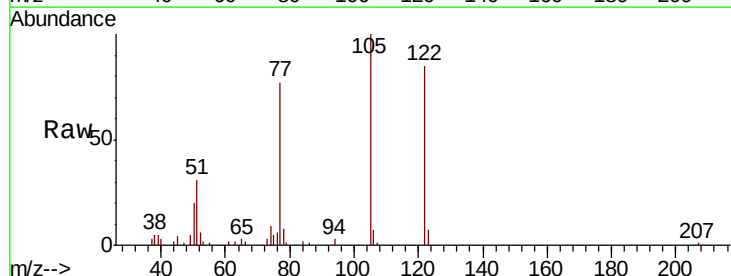
Instrument :
BNA_G
ClientSampleId :

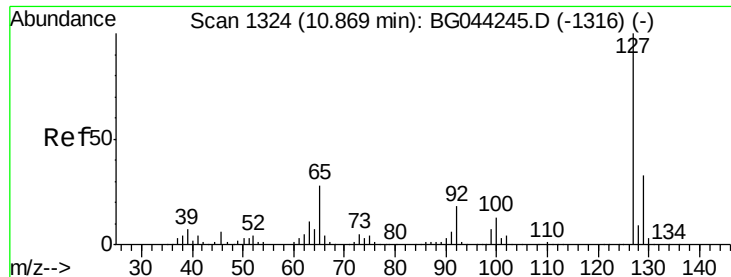
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	14.2	11.6	17.4



#32
Benzoic acid
Concen: 31.458 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG044493.D
Acq: 19 Feb 2020 17:27

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.5	93.5	133.5
77	90.7	61.0	101.0

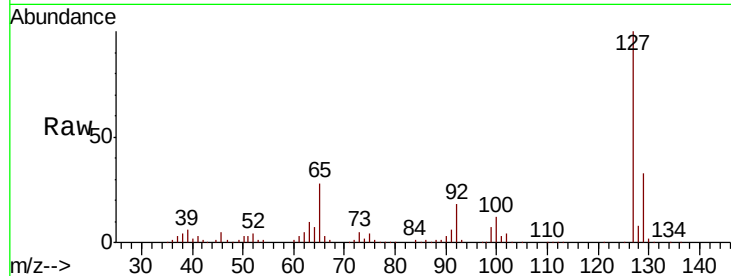




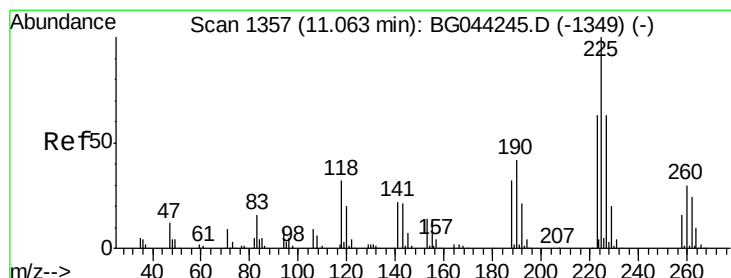
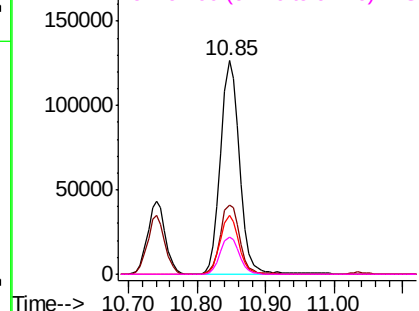
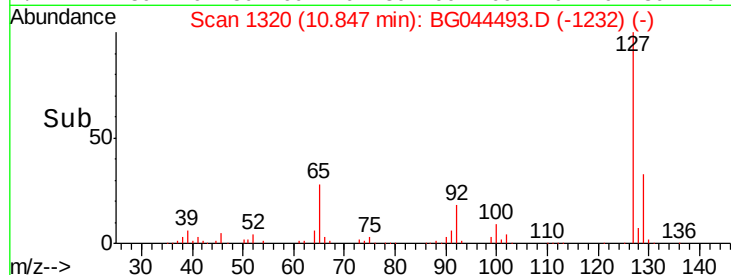
#33
4-Chloroaniline
Concen: 41.620 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BG044493.D
Acq: 19 Feb 2020 17:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	244308
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.6	40.0
65	27.6	22.5	33.7
92	17.6	14.1	21.1

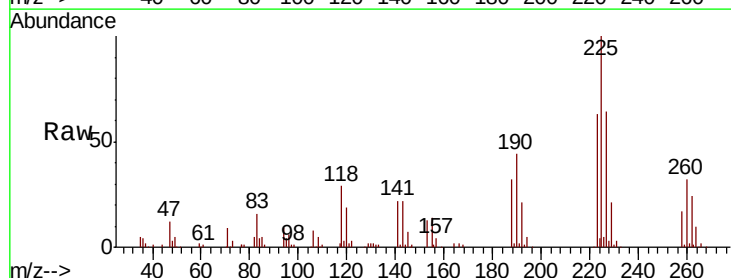


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

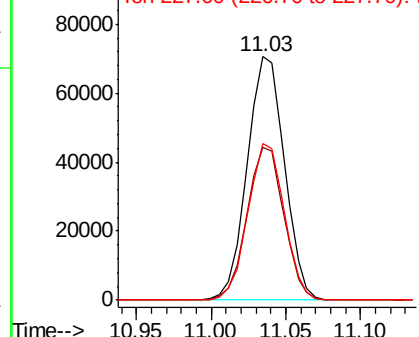
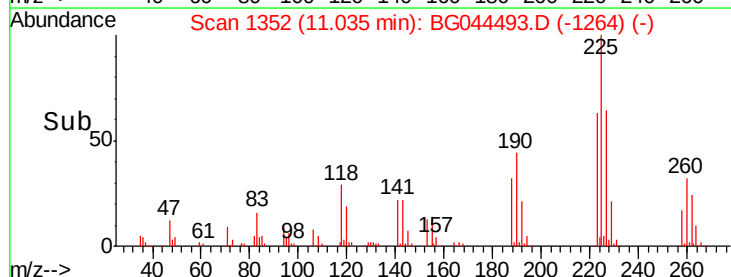


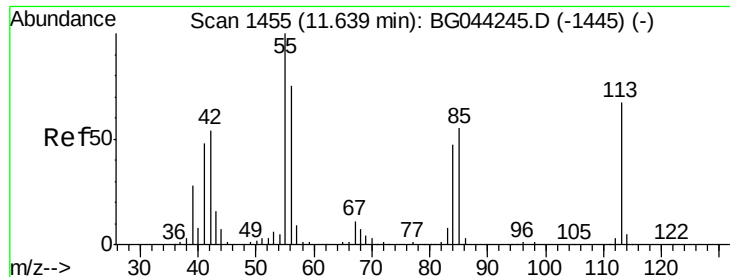
#34
Hexachlorobutadiene
Concen: 42.284 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG044493.D
Acq: 19 Feb 2020 17:27

Tgt Ion:	225	Resp:	121549
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.2	75.4
227	64.2	50.8	76.2



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

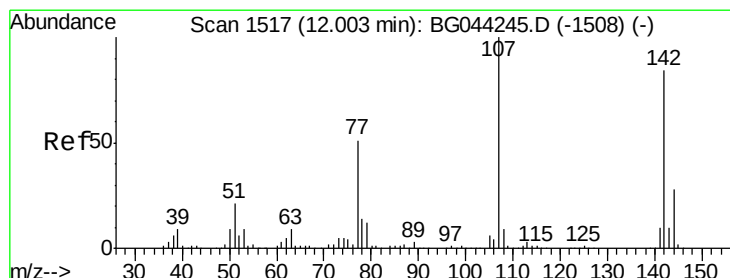
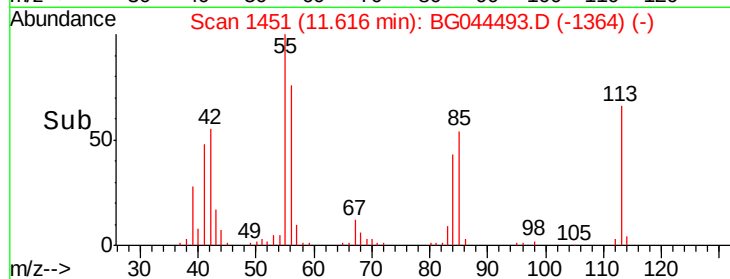
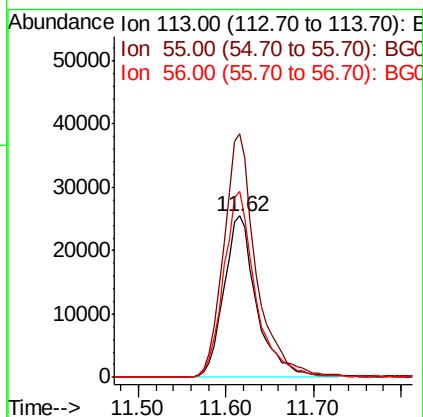
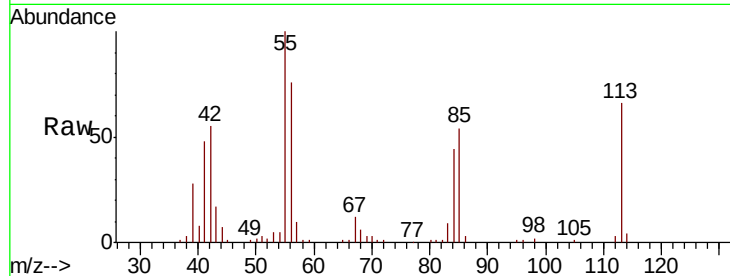




#35
 Caprolactam
 Concen: 43.853 ng
 RT: 11.62 min Scan# 1451
 Delta R.T. -0.02 min
 Lab File: BG044493.D
 Acq: 19 Feb 2020 17:27

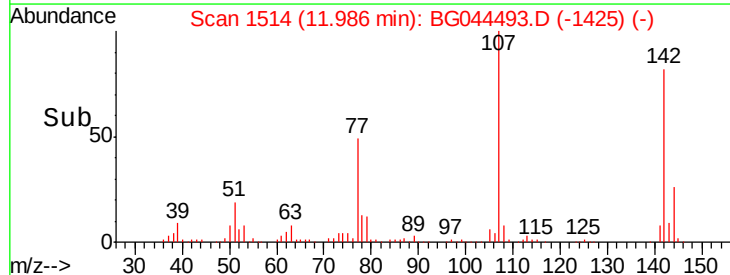
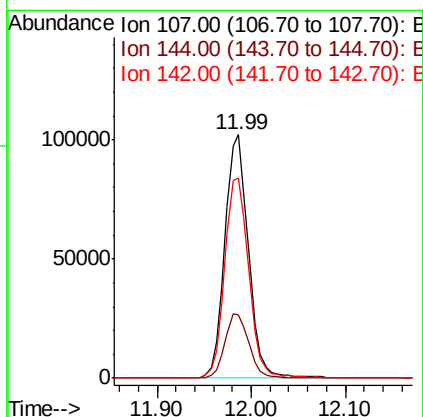
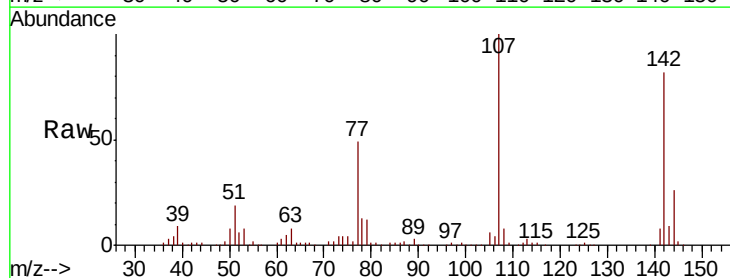
Instrument :
 BNA_G
 ClientSampleId :

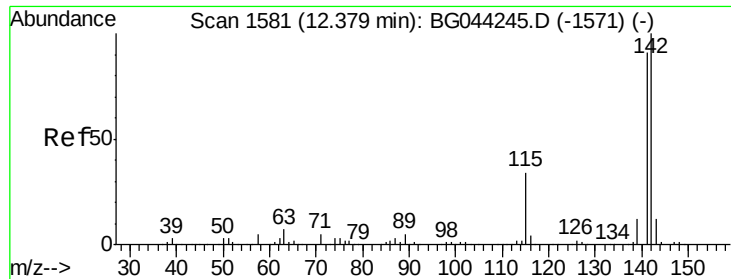
Tot Ion:113 Resp: 65447
 Ion Ratio Lower Upper
 113 100
 55 150.8 129.9 169.9
 56 115.1 92.5 132.5



#36
 4-Chloro-3-methylphenol
 Concen: 41.718 ng
 RT: 11.99 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BG044493.D
 Acq: 19 Feb 2020 17:27

Tgt Ion:107 Resp: 178199
 Ion Ratio Lower Upper
 107 100
 144 25.7 22.2 33.4
 142 82.4 67.4 101.0

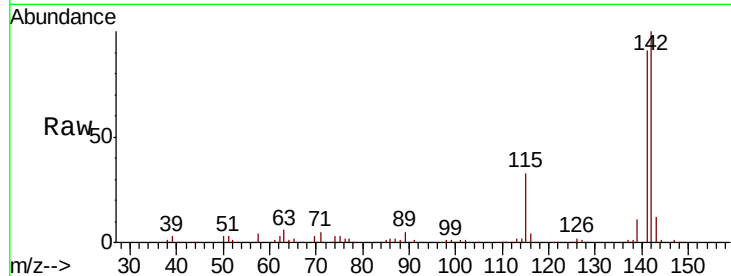




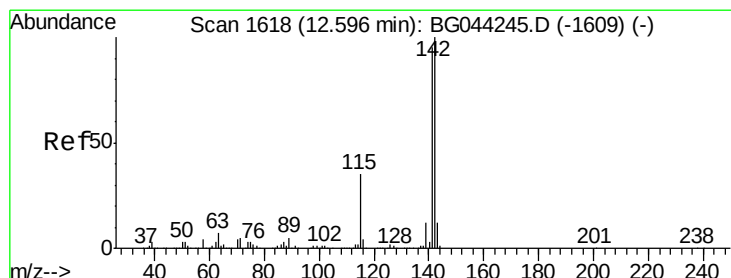
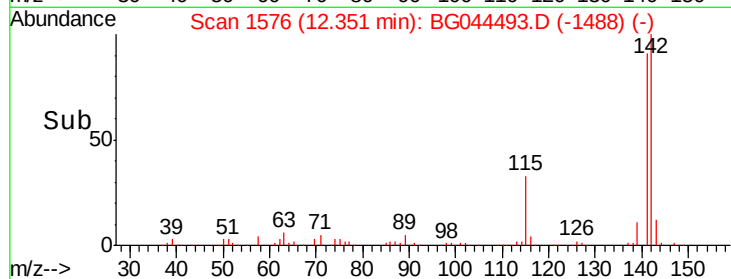
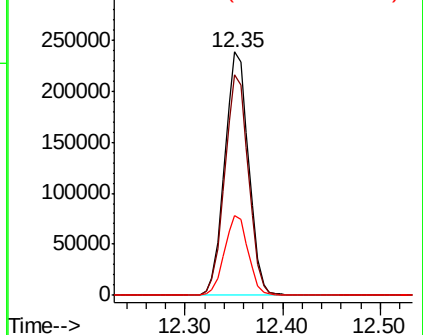
#37
2-Methylnaphthalene
Concen: 42.077 ng
RT: 12.35 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BG044493.D
Acq: 19 Feb 2020 17:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 403209
Ion Ratio Lower Upper
142 100
141 90.7 73.2 109.8
115 32.8 27.1 40.7

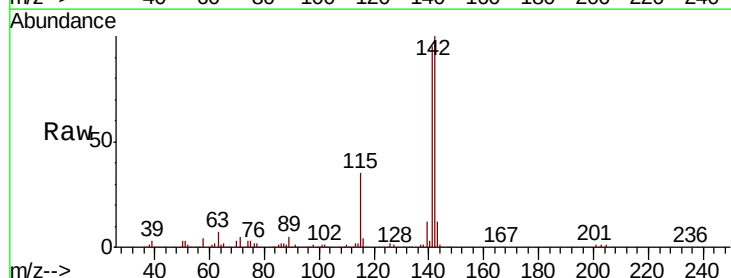


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

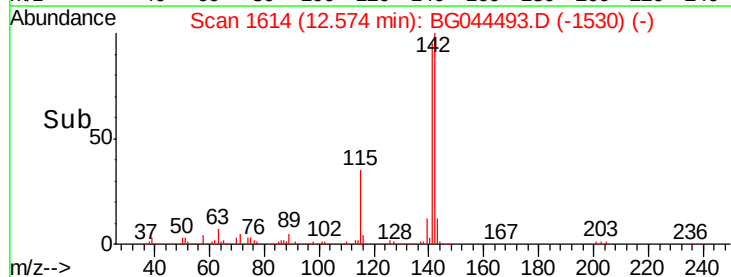
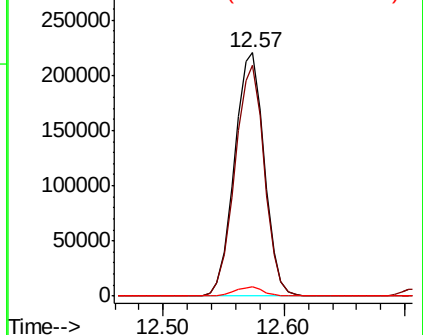


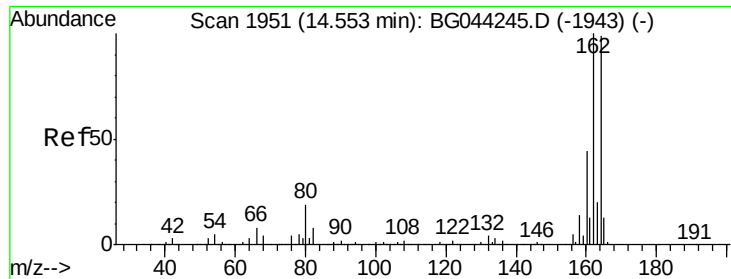
#38
1-Methylnaphthalene
Concen: 41.936 ng
RT: 12.57 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BG044493.D
Acq: 19 Feb 2020 17:27

Tgt Ion:142 Resp: 378875
Ion Ratio Lower Upper
142 100
141 94.8 75.8 113.6
116 3.6 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.53 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG044493.D

Acq: 19 Feb 2020 17:27

Instrument :

BNA_G

ClientSampleId :

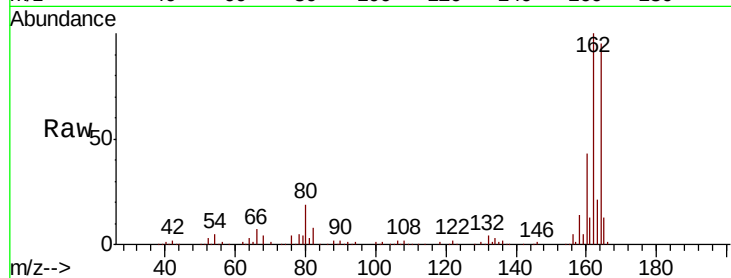
Tot Ion:164 Resp: 171388

Ion Ratio Lower Upper

164 100

162 105.2 80.7 121.1

160 45.5 35.3 52.9

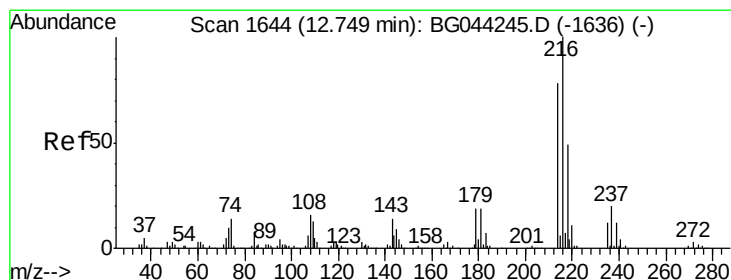
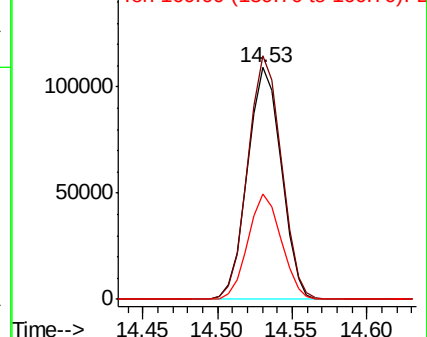
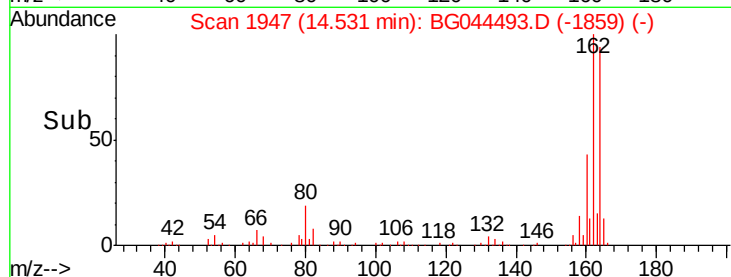


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.136 ng

RT: 12.73 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BG044493.D

Acq: 19 Feb 2020 17:27

Tgt Ion:216 Resp: 216022

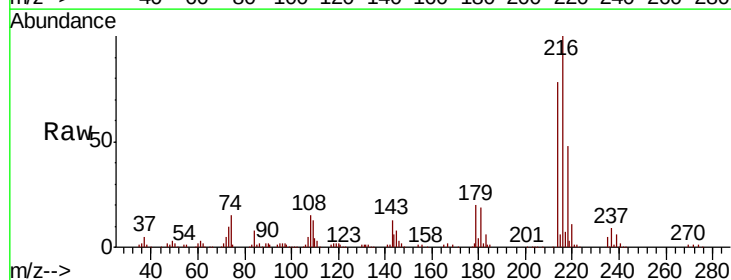
Ion Ratio Lower Upper

216 100

214 78.9 63.0 94.6

179 20.3 16.2 24.4

108 16.2 13.5 20.3



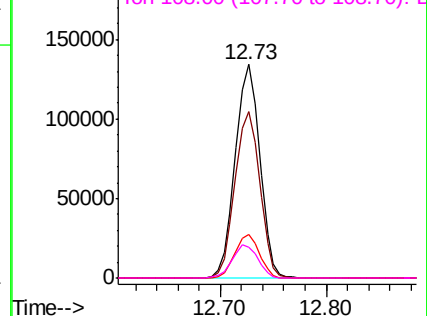
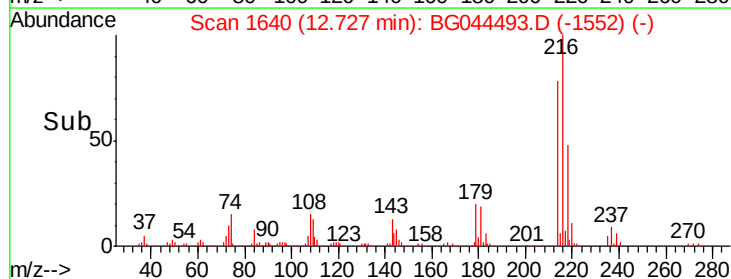
Abundance

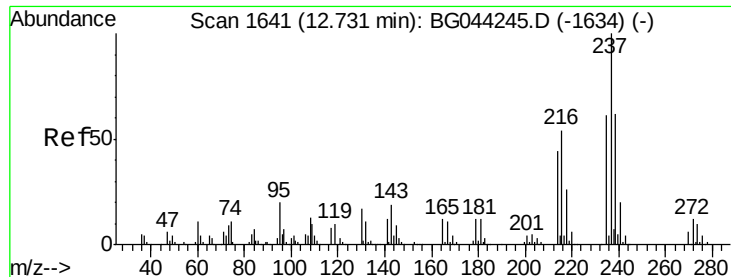
Ion 216.00 (215.70 to 216.70): E

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: 34.880 ng

RT: 12.71 min Scan# 1637

Delta R.T. -0.01 min

Lab File: BG044493.D

Acq: 19 Feb 2020 17:27

Instrument :

BNA_G

ClientSampleId :

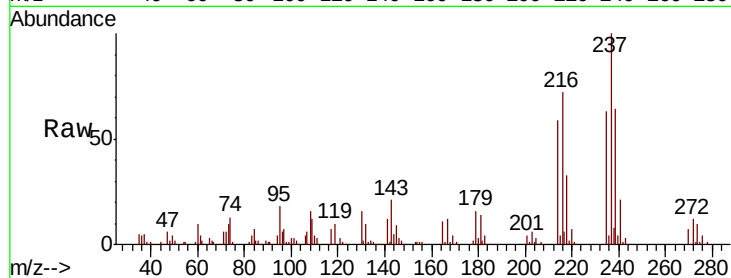
Tot Ion:237 Resp: 85804

Ion Ratio Lower Upper

237 100

235 62.6 41.2 81.2

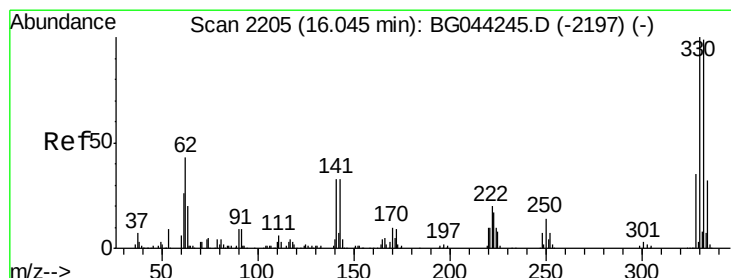
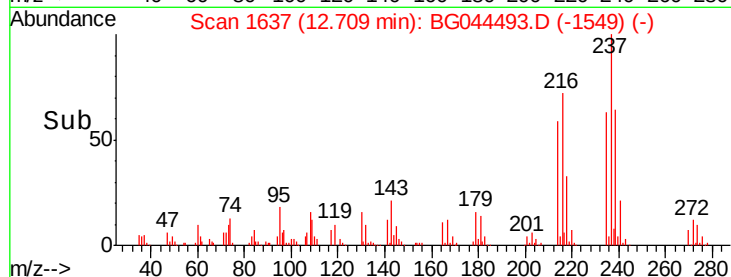
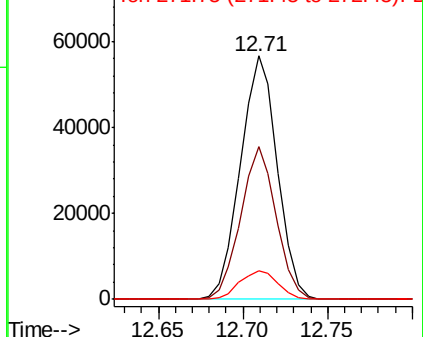
272 11.6 0.0 32.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 88.087 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG044493.D

Acq: 19 Feb 2020 17:27

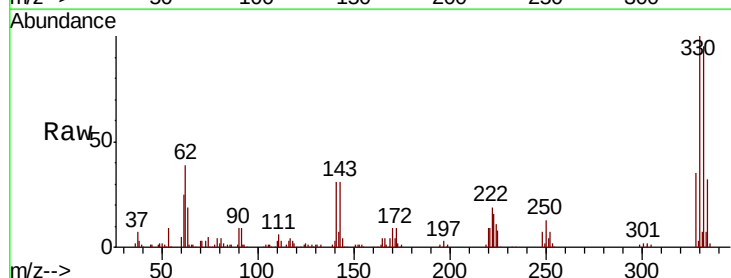
Tgt Ion:330 Resp: 177230

Ion Ratio Lower Upper

330 100

332 95.9 77.2 115.8

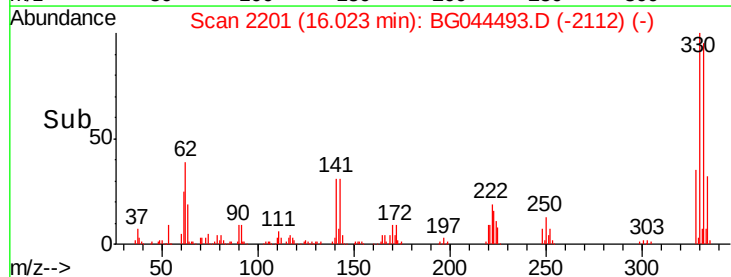
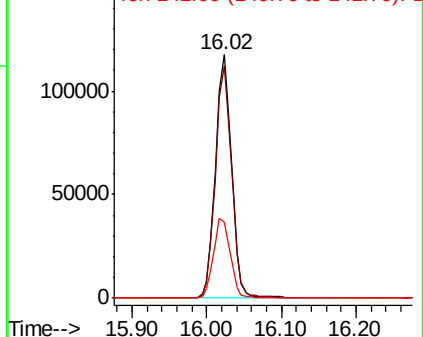
141 34.1 28.3 42.5

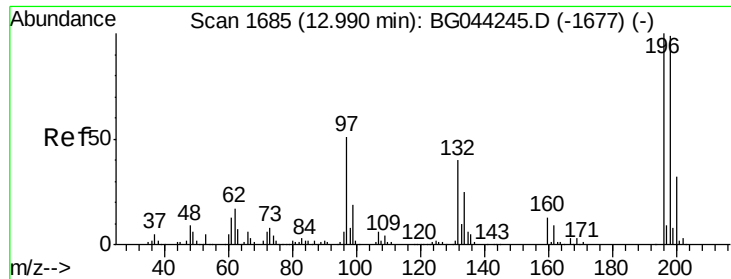


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

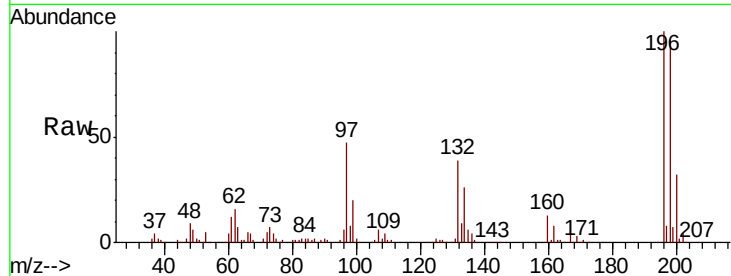




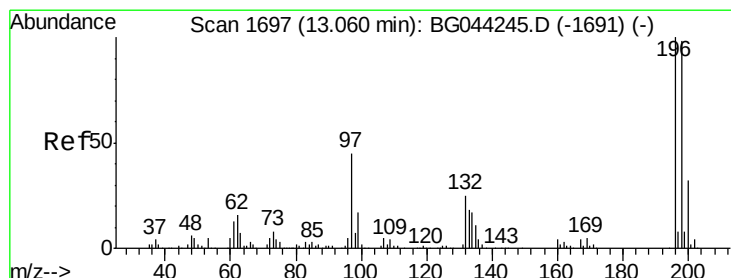
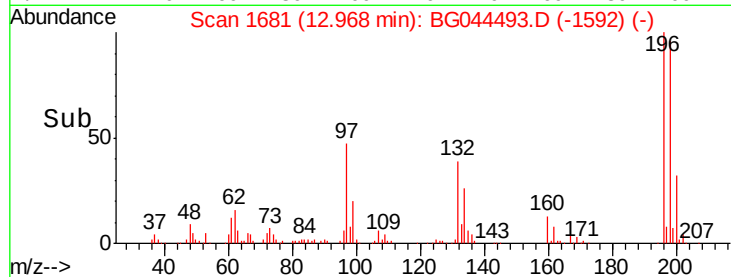
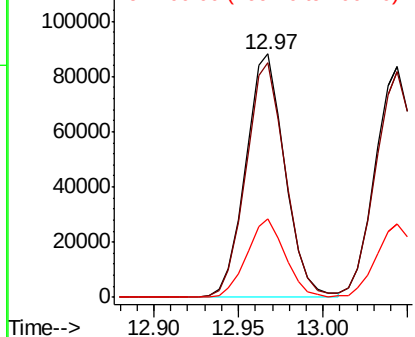
#43
 2,4,6-Trichlorophenol
 Concen: 43.004 ng
 RT: 12.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG044493.D
 Acq: 19 Feb 2020 17:27

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 142509
 Ion Ratio Lower Upper
 196 100
 198 96.1 79.3 118.9
 200 32.1 25.7 38.5

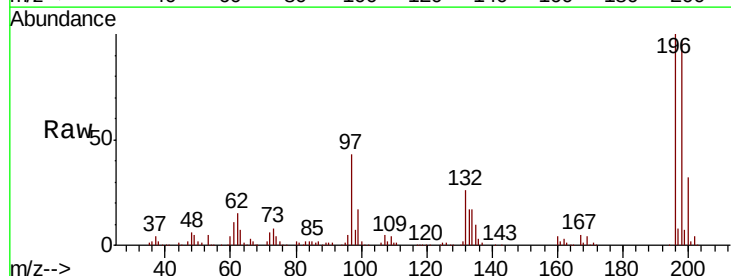


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

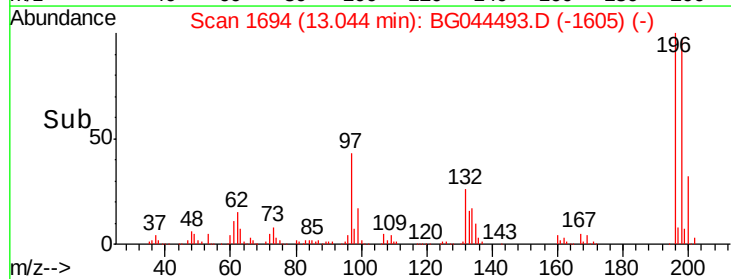
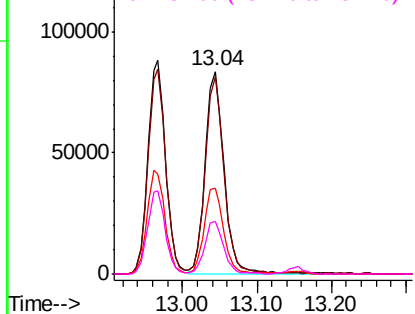


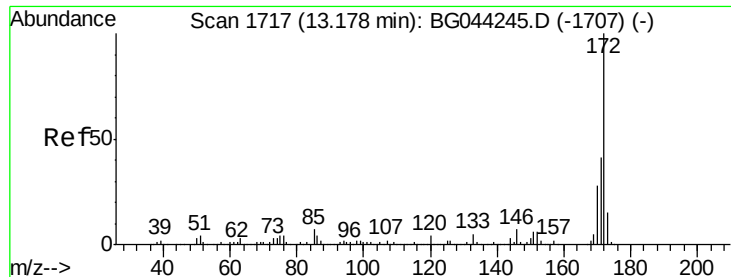
#44
 2,4,5-Trichlorophenol
 Concen: 43.455 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. -0.01 min
 Lab File: BG044493.D
 Acq: 19 Feb 2020 17:27

Tgt Ion:196 Resp: 147084
 Ion Ratio Lower Upper
 196 100
 198 97.4 78.2 117.2
 97 42.6 36.2 54.4
 132 25.8 20.2 30.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

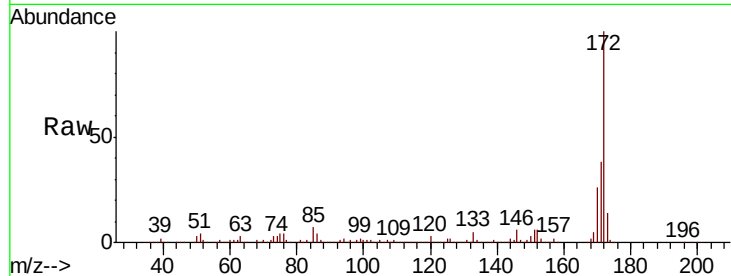




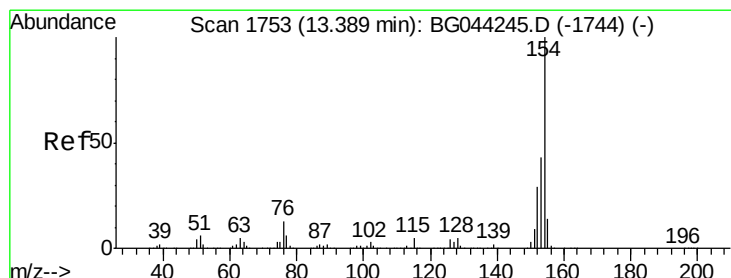
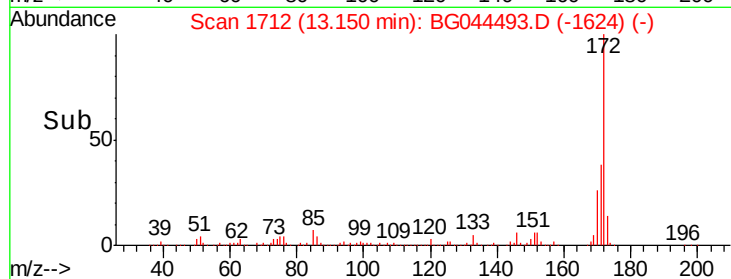
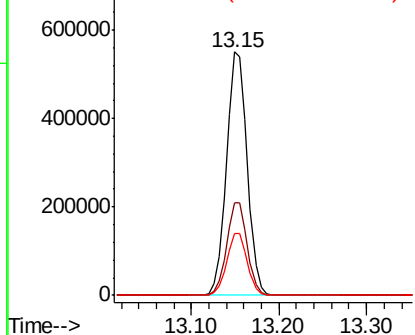
#45
2-Fluorobiphenyl
Concen: 87.049 ng
RT: 13.15 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BG044493.D
Acq: 19 Feb 2020 17:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	32.9	49.3
170	25.6	22.0	33.0

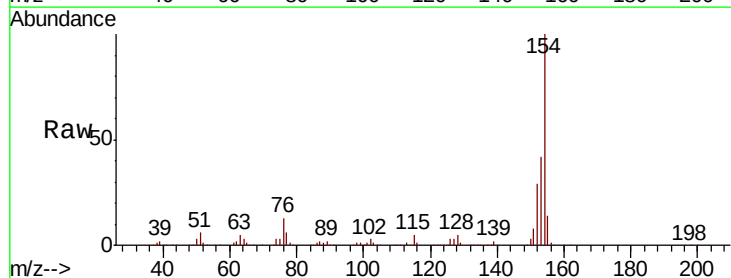


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

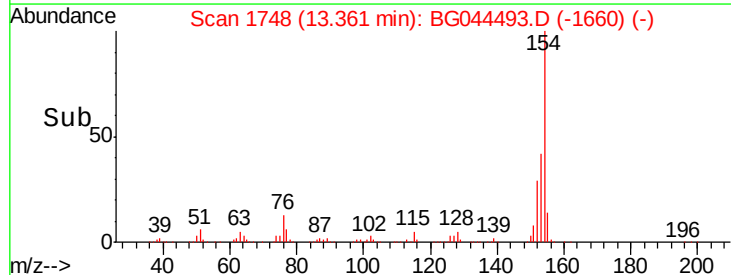
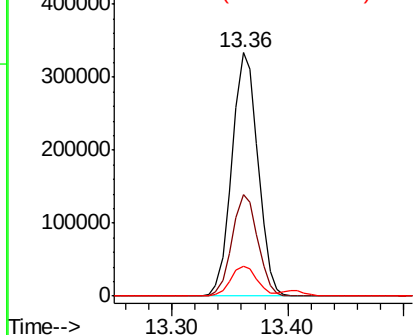


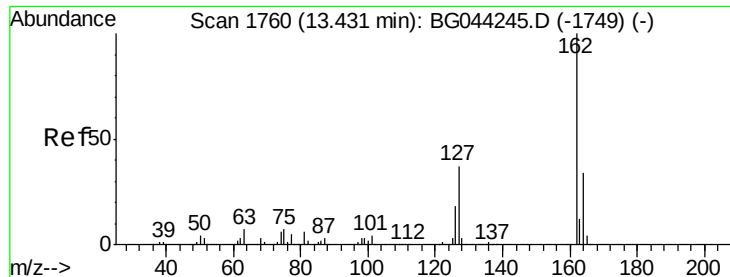
#46
1,1'-Biphenyl
Concen: 42.062 ng
RT: 13.36 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BG044493.D
Acq: 19 Feb 2020 17:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	22.7	62.7
76	12.5	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): BG

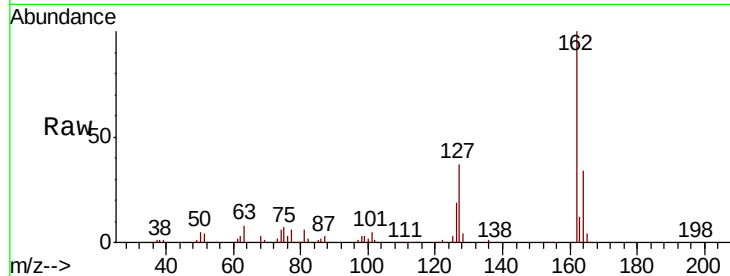




#47
 2-Chloronaphthalene
 Concen: 41.897 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.01 min
 Lab File: BG044493.D
 Acq: 19 Feb 2020 17:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.0	30.0	45.0
164	33.7	27.2	40.8

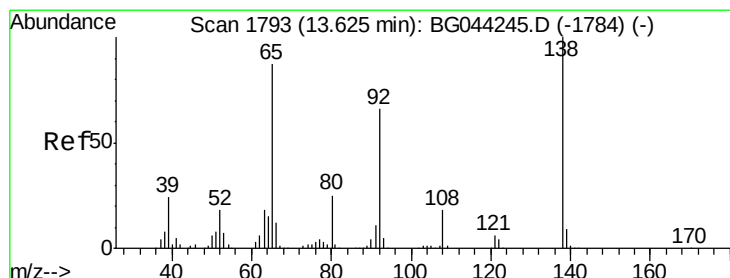
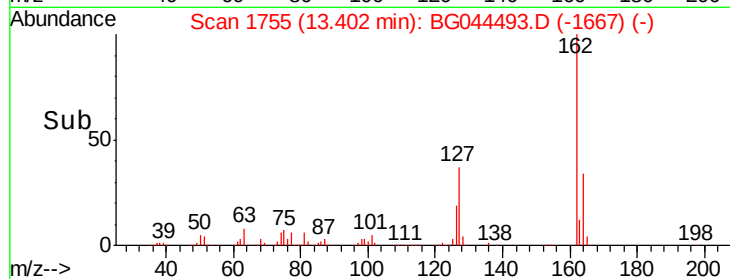
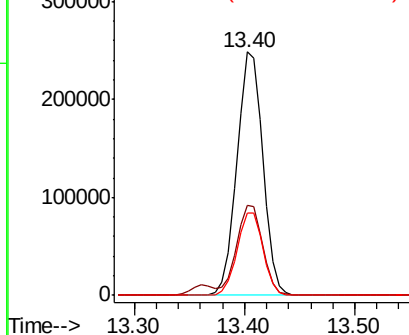


Abundance

Ion 162.00 (161.70 to 162.70): E

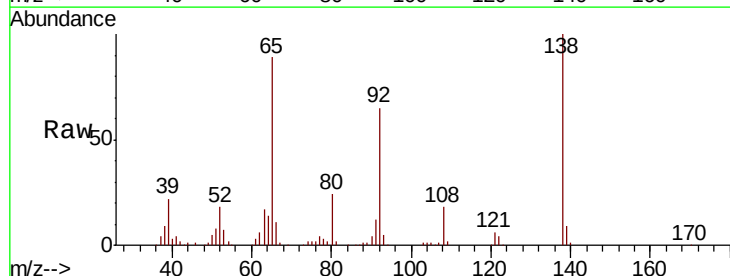
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 42.166 ng
 RT: 13.60 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BG044493.D
 Acq: 19 Feb 2020 17:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.1	60.3	90.5
138	112.9	91.9	137.9

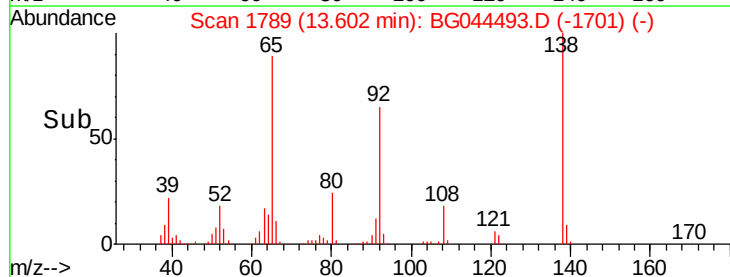
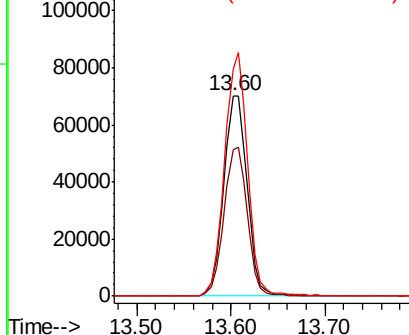


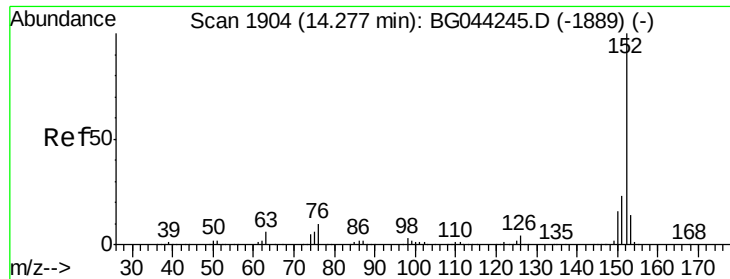
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.816 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG044493.D

Acq: 19 Feb 2020 17:27

Instrument :

BNA_G

ClientSampleId :

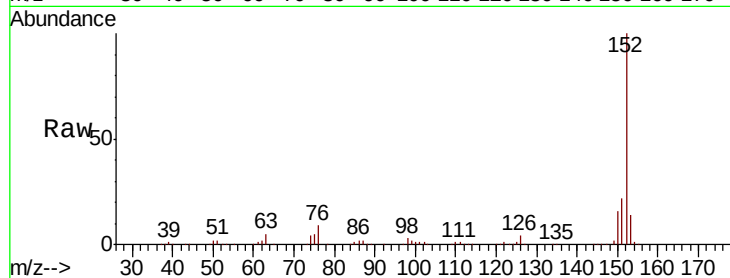
Tot Ion:152 Resp: 617784

Ion Ratio Lower Upper

152 100

151 21.9 18.1 27.1

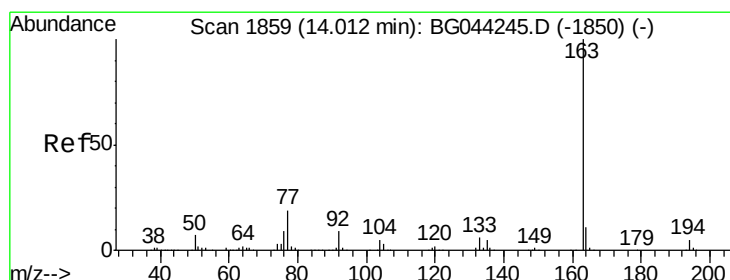
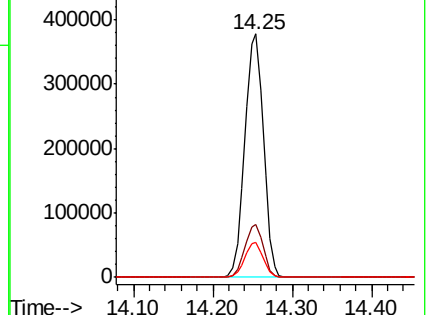
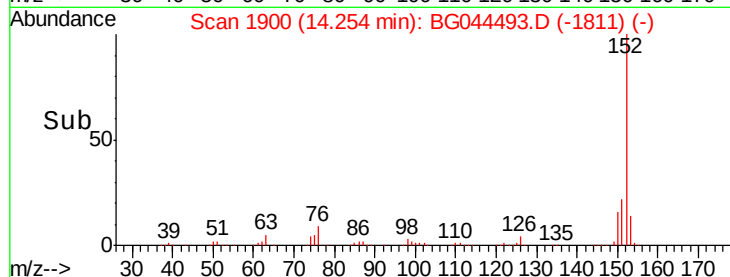
153 14.1 11.5 17.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.018 ng

RT: 13.98 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG044493.D

Acq: 19 Feb 2020 17:27

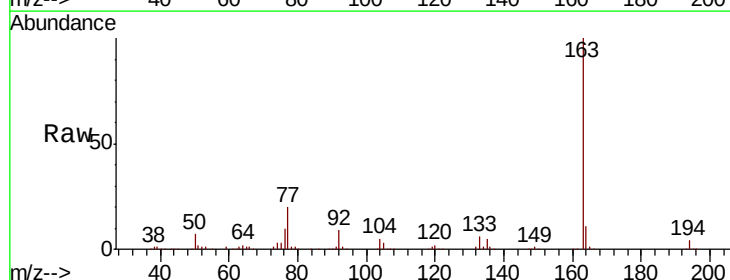
Tgt Ion:163 Resp: 517656

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

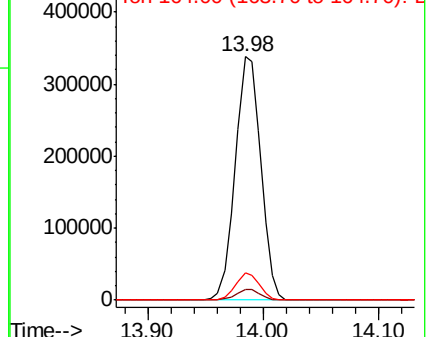
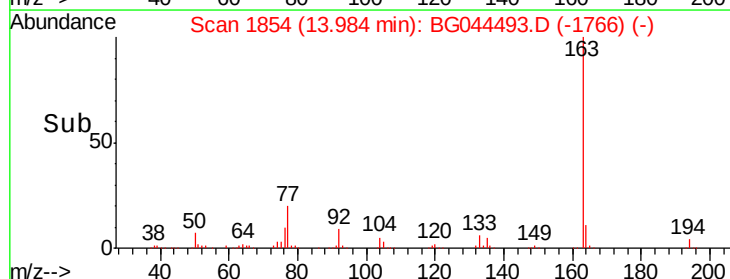
164 11.0 8.7 13.1

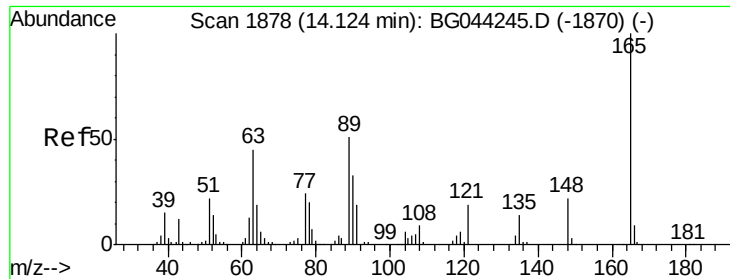


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

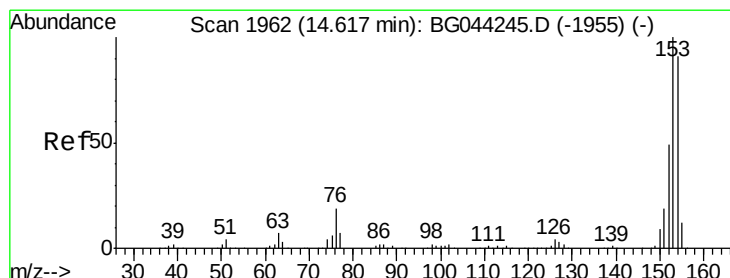
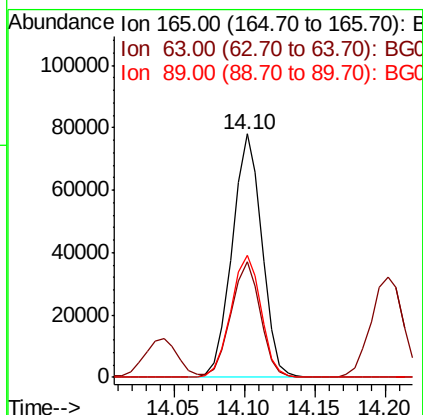
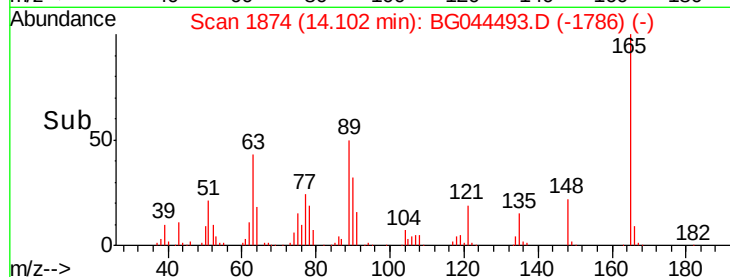
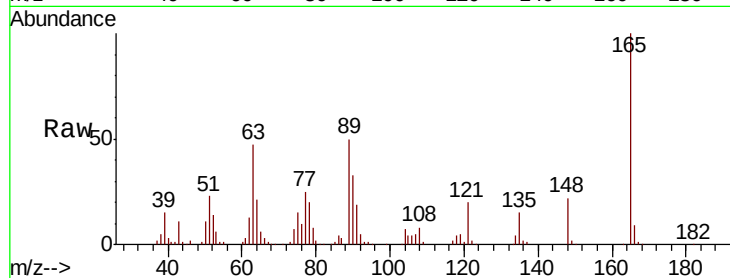




#51
 2,6-Dinitrotoluene
 Concen: 41.638 ng
 RT: 14.10 min Scan# 1874
 Delta R.T. -0.01 min
 Lab File: BG044493.D
 Acq: 19 Feb 2020 17:27

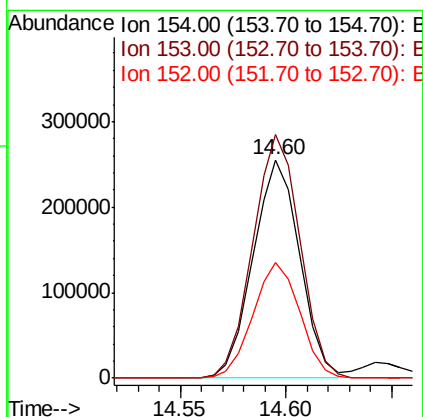
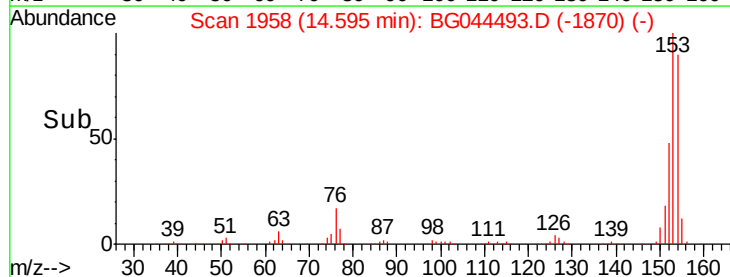
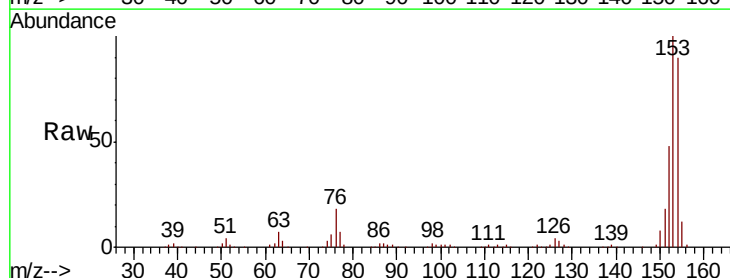
Instrument :
 BNA_G
 ClientSampleId :

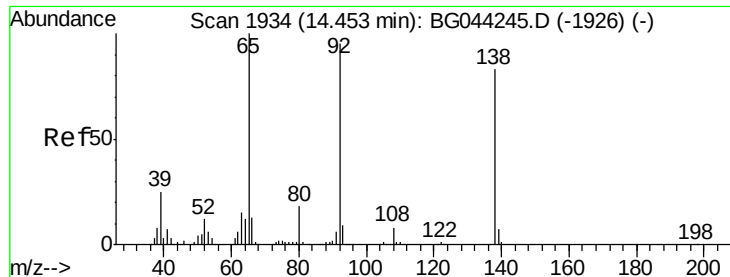
Tot Ion:165 Resp: 114376
 Ion Ratio Lower Upper
 165 100
 63 47.2 38.7 58.1
 89 49.9 40.4 60.6



#52
 Acenaphthene
 Concen: 41.853 ng
 RT: 14.60 min Scan# 1958
 Delta R.T. -0.01 min
 Lab File: BG044493.D
 Acq: 19 Feb 2020 17:27

Tgt Ion:154 Resp: 391425
 Ion Ratio Lower Upper
 154 100
 153 111.6 87.9 131.9
 152 53.2 43.1 64.7

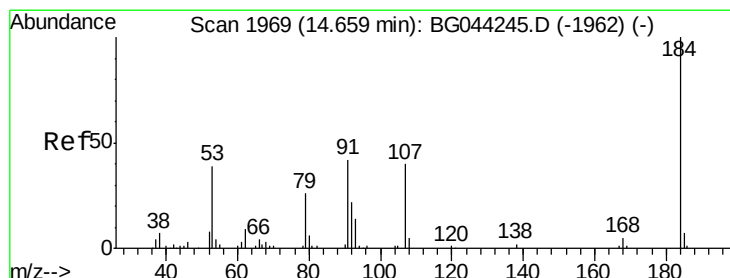
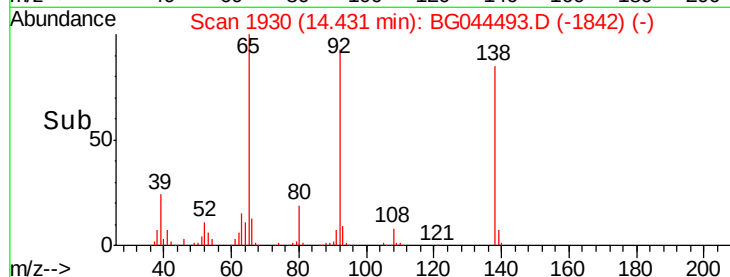
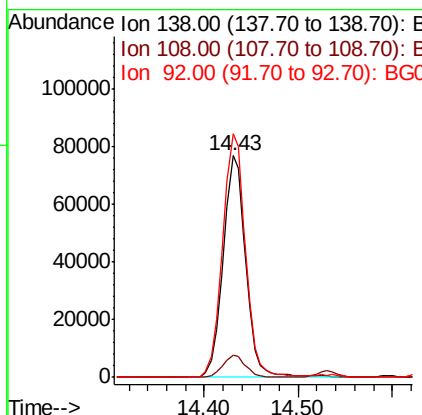
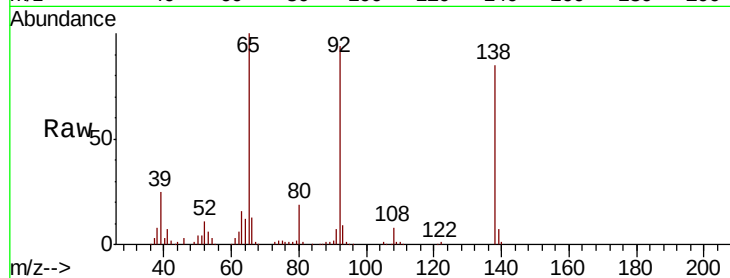




#53
3-Nitroaniline
Concen: 42.294 ng
RT: 14.43 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BG044493.D
Acq: 19 Feb 2020 17:27

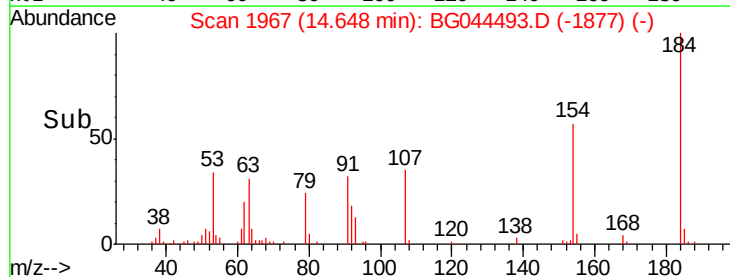
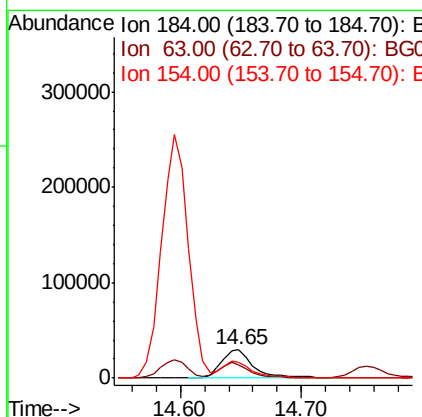
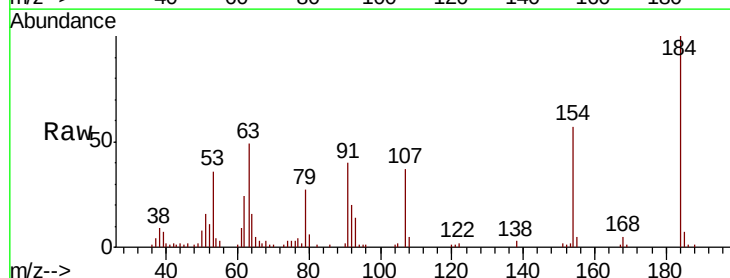
Instrument :
BNA_G
ClientSampleId :

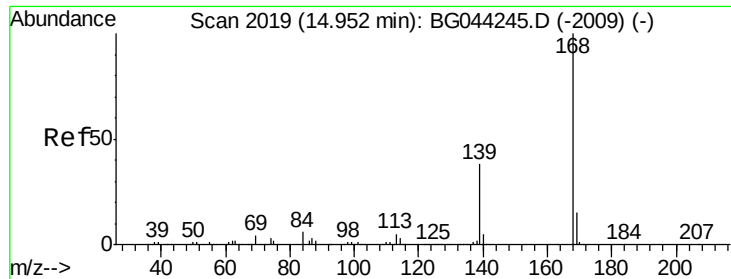
Tot Ion:138 Resp: 128533
Ion Ratio Lower Upper
138 100
108 9.8 7.9 11.9
92 110.0 91.0 136.4



#54
2,4-Dinitrophenol
Concen: 38.407 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG044493.D
Acq: 19 Feb 2020 17:27

Tgt Ion:184 Resp: 55382
Ion Ratio Lower Upper
184 100
63 49.5 44.1 66.1
154 56.8 45.4 68.0

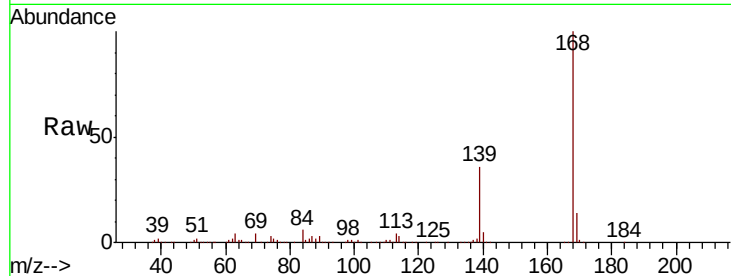




#55
Dibenzofuran
Concen: 42.931 ng
RT: 14.93 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BG044493.D
Acq: 19 Feb 2020 17:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.3	30.5	45.7
169	14.0	11.7	17.5

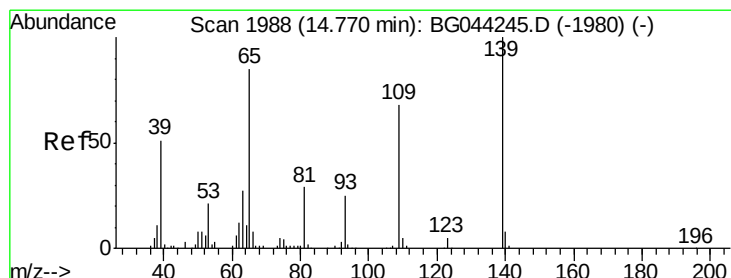
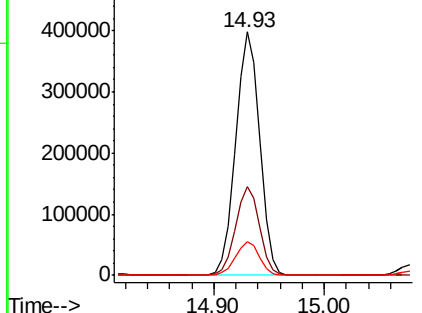
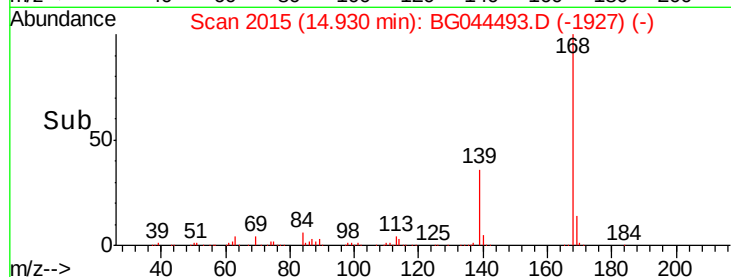


Abundance

Ion 168.00 (167.70 to 168.70): E

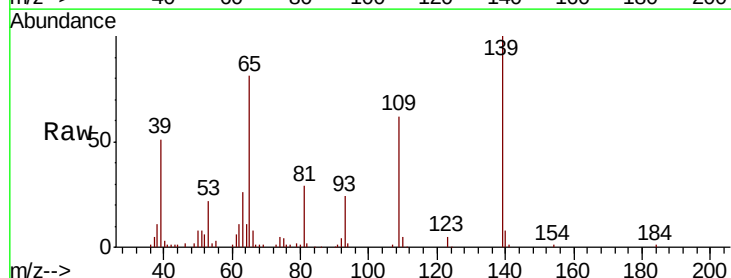
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 42.537 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG044493.D
Acq: 19 Feb 2020 17:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.0	47.5	87.5
65	81.2	64.9	104.9

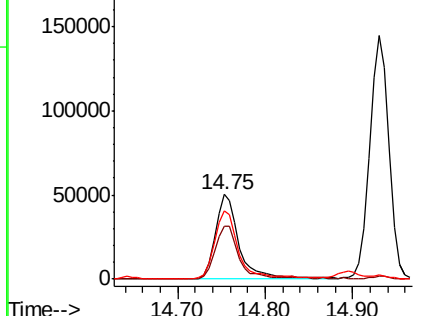
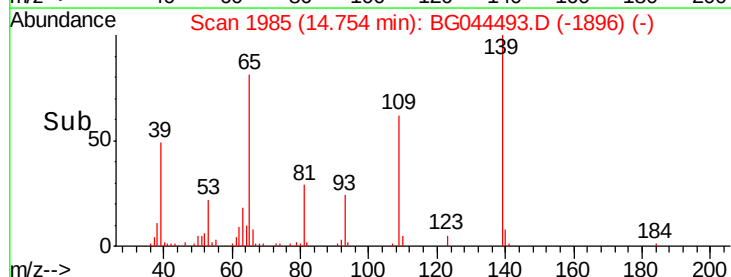


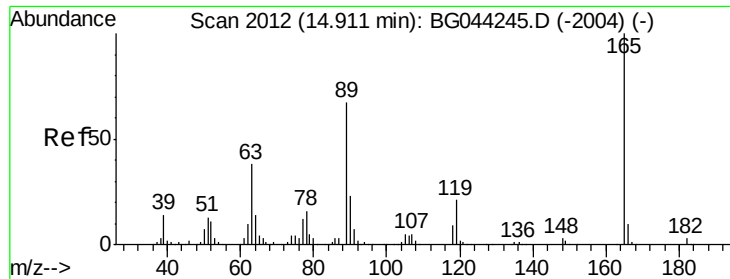
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

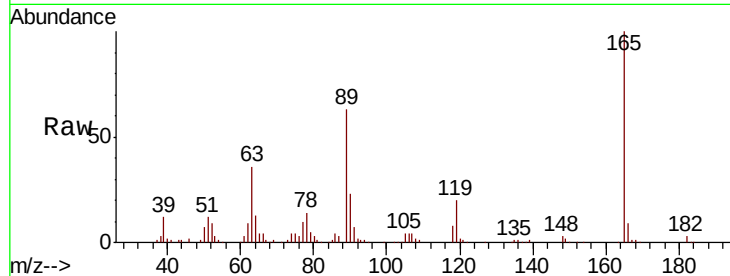




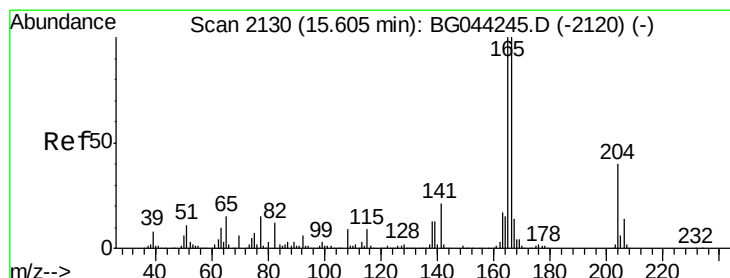
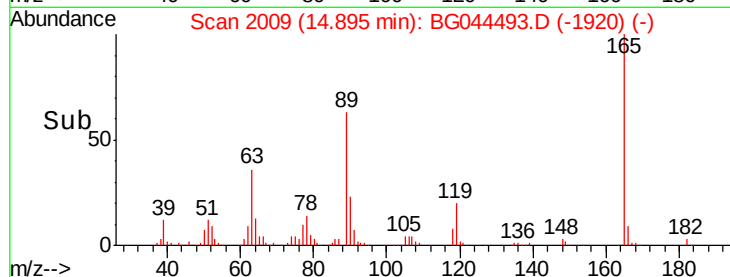
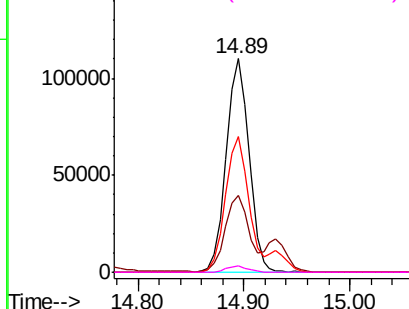
#57
2,4-Dinitrotoluene
Concen: 42.623 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG044493.D
Acq: 19 Feb 2020 17:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	35.8	30.3	45.5
89	63.2	53.4	80.2
182	2.8	2.1	3.1

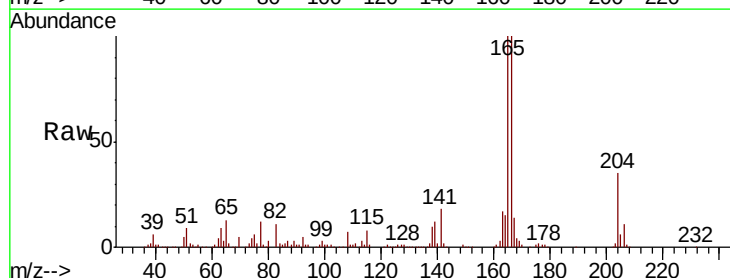


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

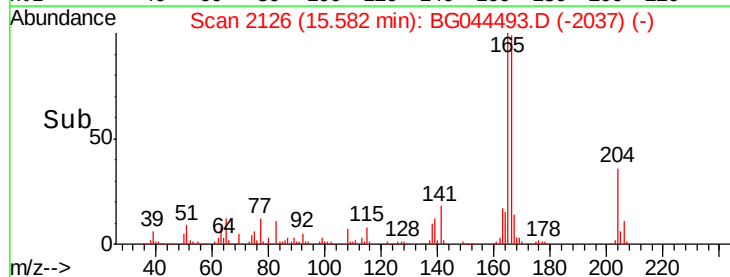
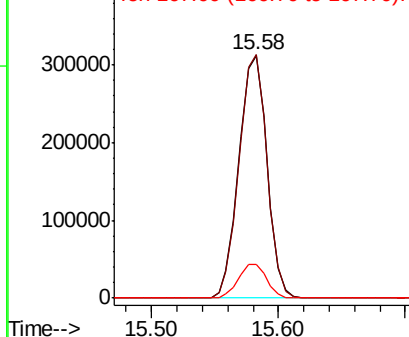


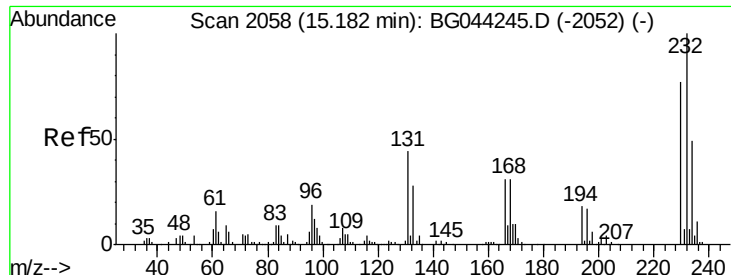
#58
Fluorene
Concen: 43.098 ng
RT: 15.58 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG044493.D
Acq: 19 Feb 2020 17:27

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.9	119.9
167	14.0	11.4	17.0



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

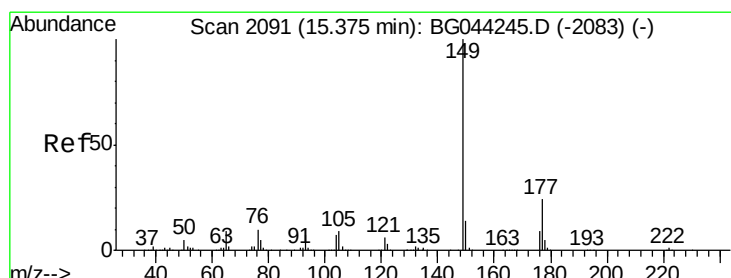
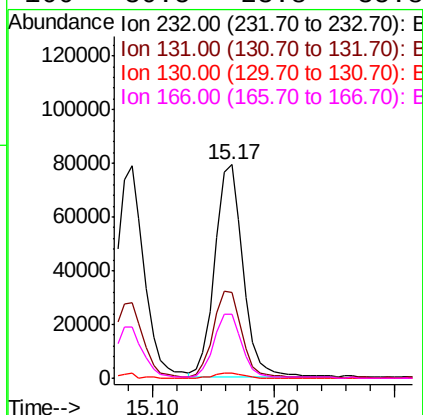
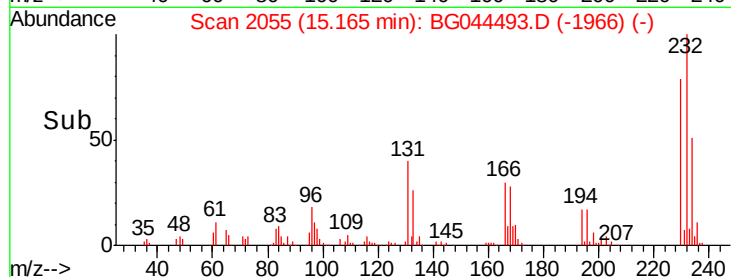
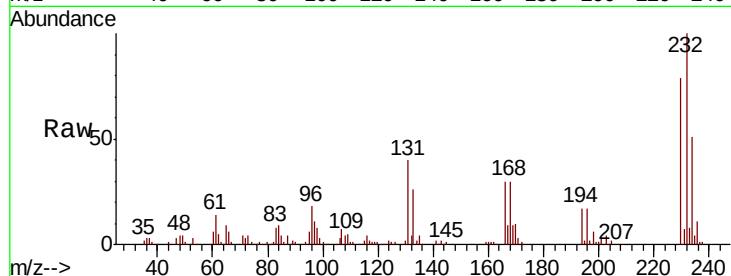




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.601 ng
 RT: 15.17 min Scan# 2055
 Delta R.T. -0.01 min
 Lab File: BG044493.D
 Acq: 19 Feb 2020 17:27

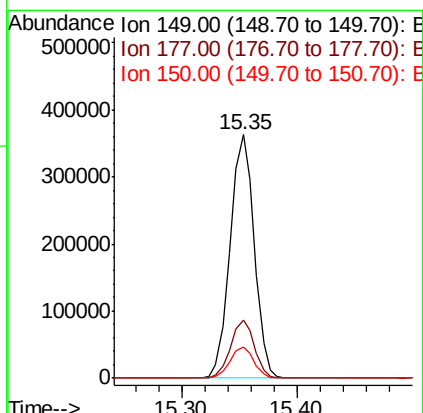
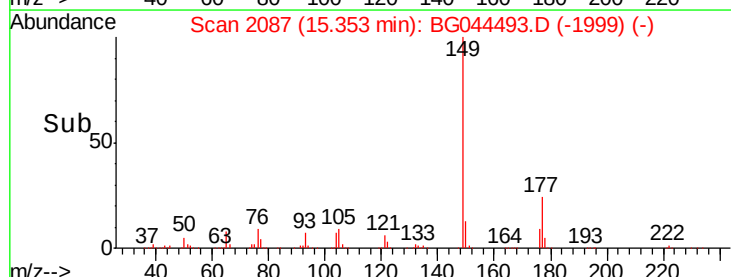
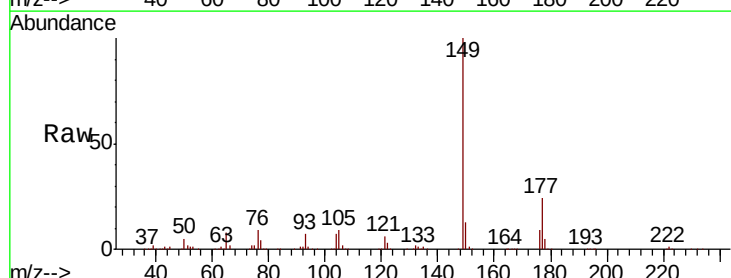
Instrument :
 BNA_G
 ClientSampleId :

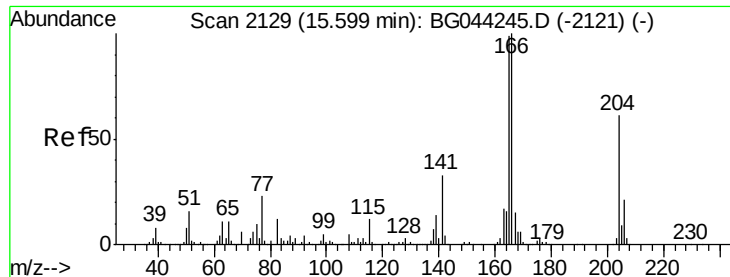
Tot Ion:232	Resp:	127188
Ion Ratio	Lower	Upper
232	100	
131	41.6	34.2 51.4
130	2.5	1.8 2.8
166	30.5	23.8 35.8



#60
 Diethylphthalate
 Concen: 42.438 ng
 RT: 15.35 min Scan# 2087
 Delta R.T. -0.01 min
 Lab File: BG044493.D
 Acq: 19 Feb 2020 17:27

Tgt Ion:149	Resp:	520963
Ion Ratio	Lower	Upper
149	100	
177	23.7	19.4 29.0
150	12.9	10.9 16.3

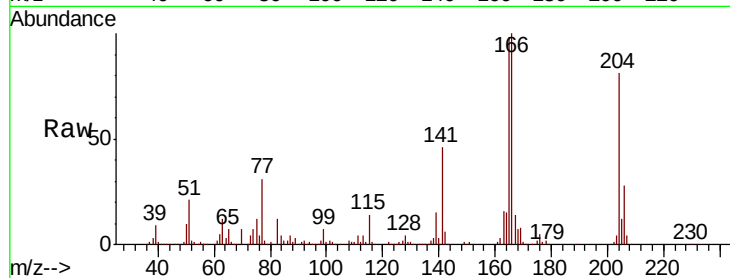




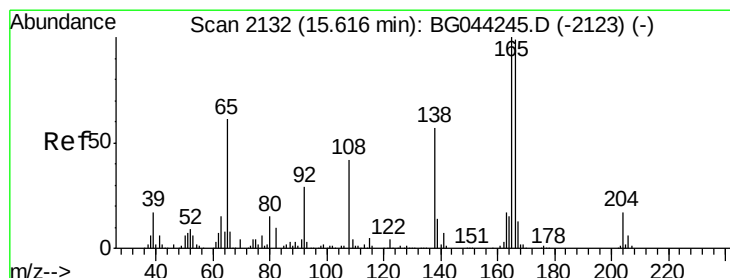
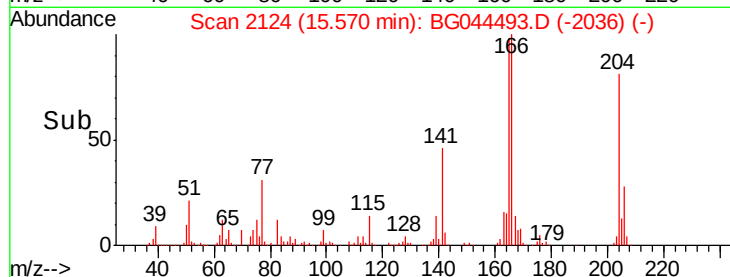
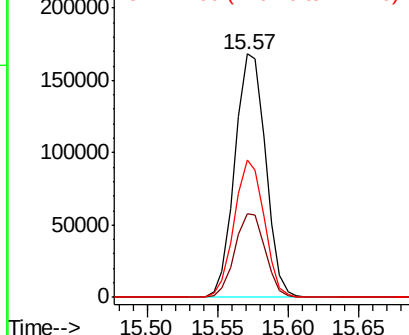
#61
4-Chlorophenyl-phenylether
Concen: 42.195 ng
RT: 15.57 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG044493.D
Acq: 19 Feb 2020 17:27

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 255160
Ion Ratio Lower Upper
204 100
206 34.3 27.6 41.4
141 56.4 43.4 65.0

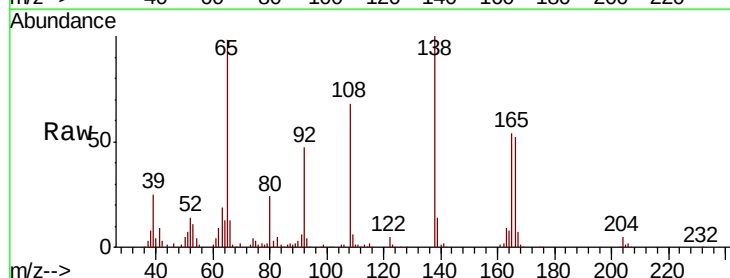


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

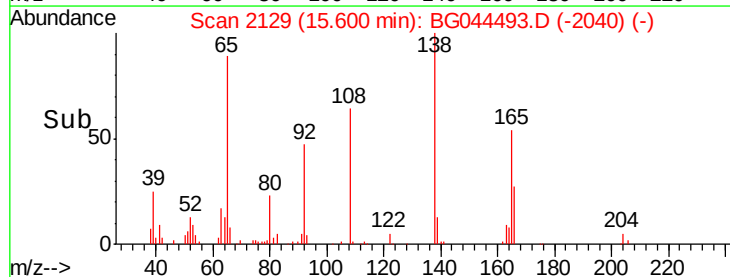
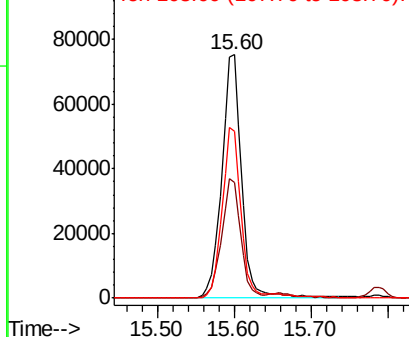


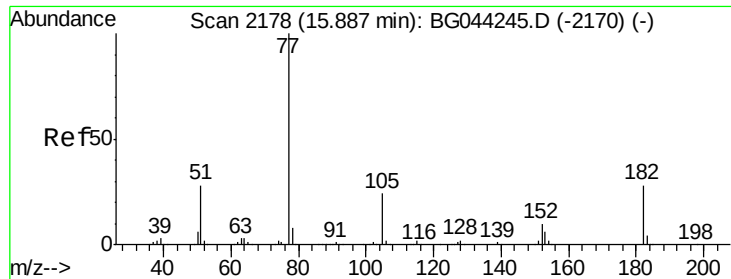
#62
4-Nitroaniline
Concen: 44.419 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG044493.D
Acq: 19 Feb 2020 17:27

Tgt Ion:138 Resp: 134888
Ion Ratio Lower Upper
138 100
92 47.2 31.3 71.3
108 68.5 52.6 92.6



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

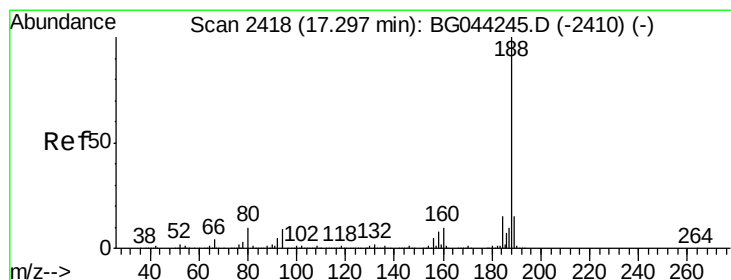
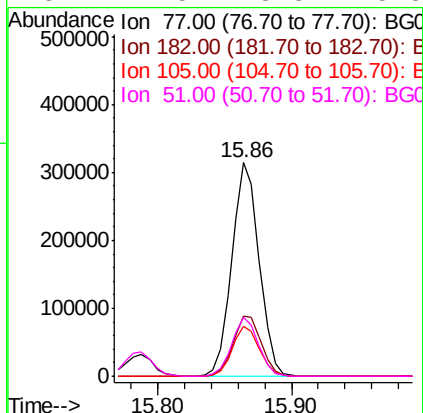
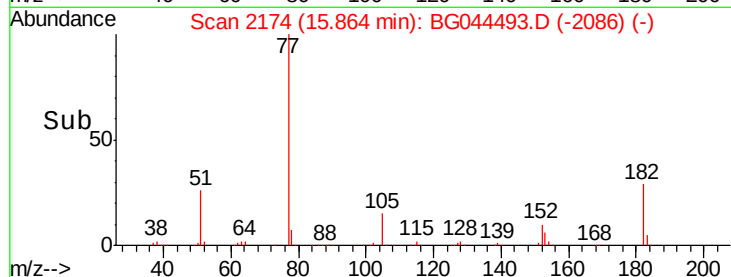
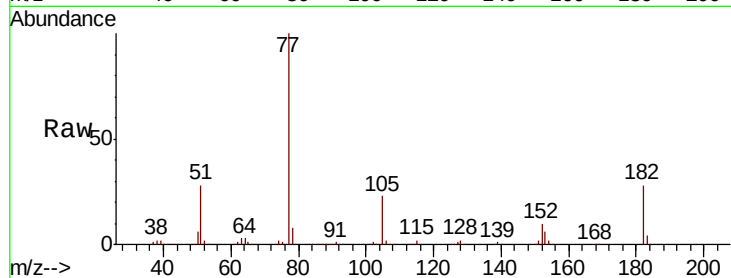




#63
Azobenzene
Concen: 41.499 ng
RT: 15.86 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG044493.D
Acq: 19 Feb 2020 17:27

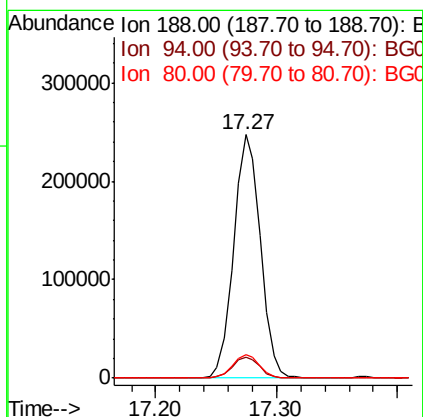
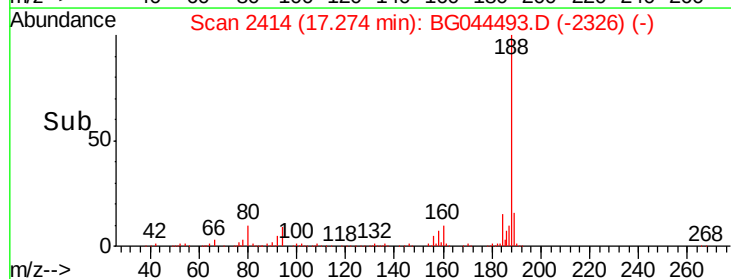
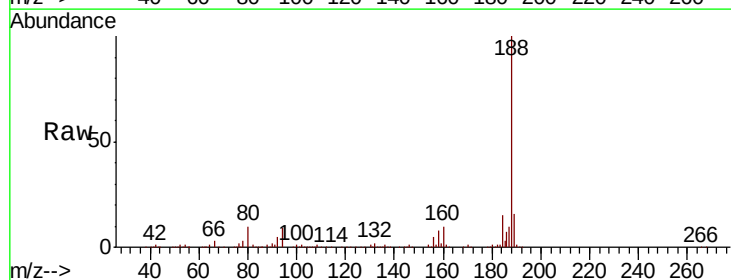
Instrument :
BNA_G
ClientSampleId :

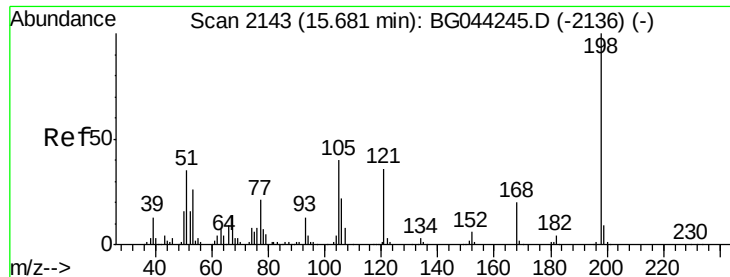
Tot Ion	Ratio	Lower	Upper
77	100		
182	27.9	8.2	48.2
105	23.2	3.6	43.6
51	27.5	8.3	48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.27 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG044493.D
Acq: 19 Feb 2020 17:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.4	11.2
80	9.7	7.7	11.5

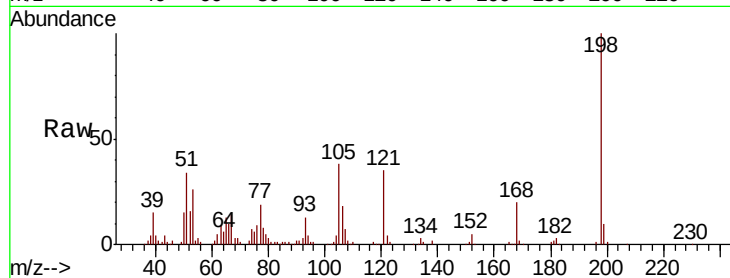




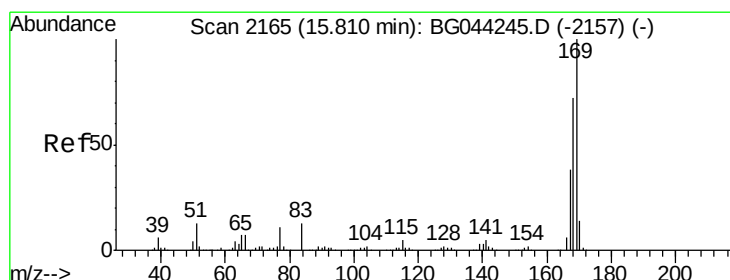
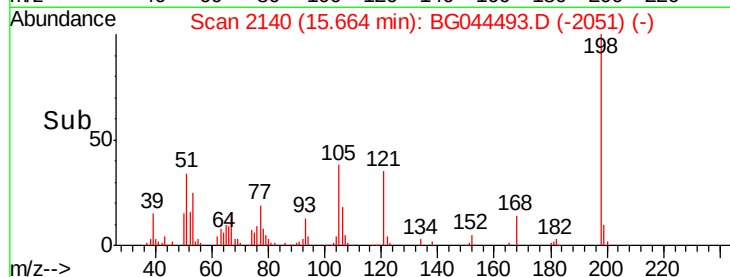
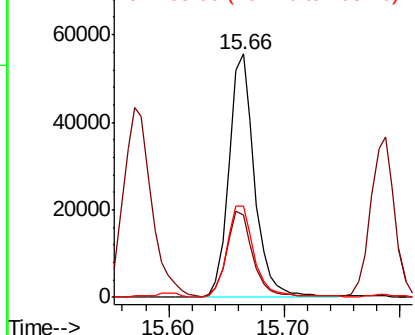
#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.515 ng
 RT: 15.66 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: BG044493.D
 Acq: 19 Feb 2020 17:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	33.8	16.6	56.6
105	37.7	20.6	60.6

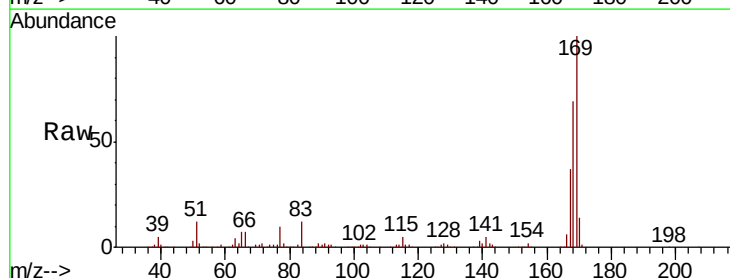


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

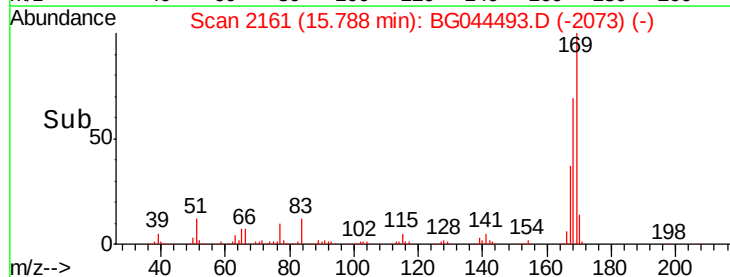
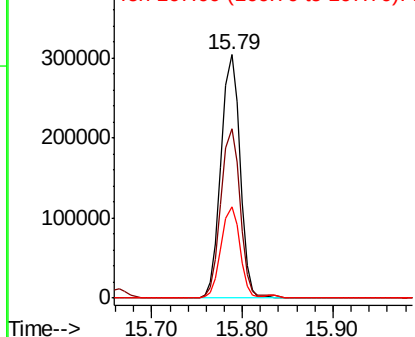


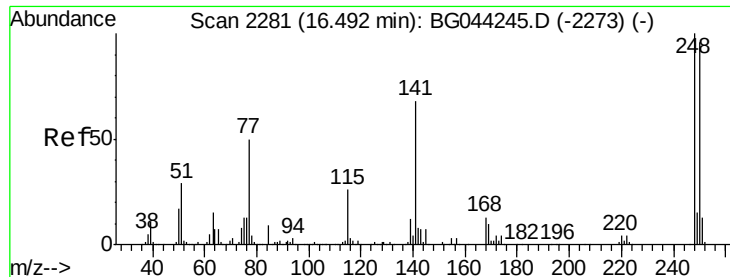
#66
 n-Nitrosodiphenylamine
 Concen: 41.277 ng
 RT: 15.79 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BG044493.D
 Acq: 19 Feb 2020 17:27

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.5	57.9	86.9
167	37.4	30.7	46.1



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

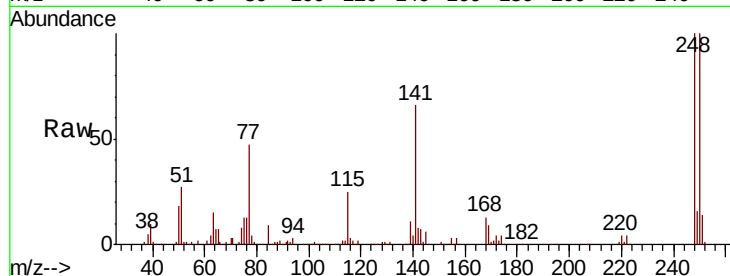




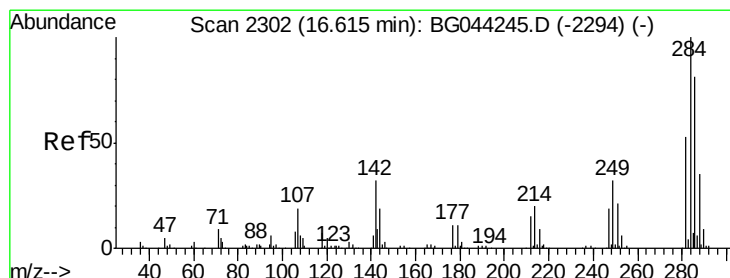
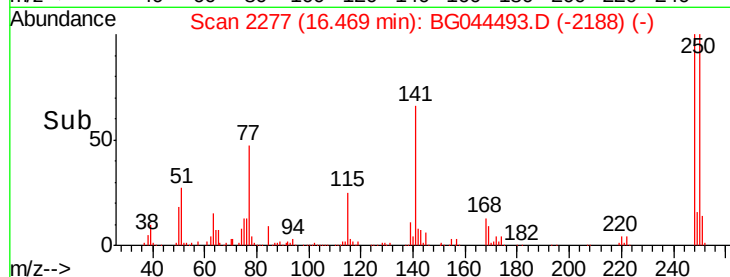
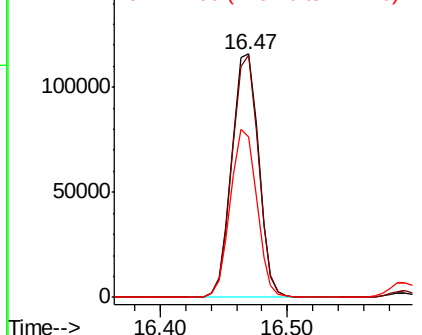
#67
4-Bromophenyl-phenylether
Concen: 40.929 ng
RT: 16.47 min Scan# 2277
Delta R.T. -0.01 min
Lab File: BG044493.D
Acq: 19 Feb 2020 17:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 169810
Ion Ratio Lower Upper
248 100
250 99.5 76.6 114.8
141 65.9 54.7 82.1

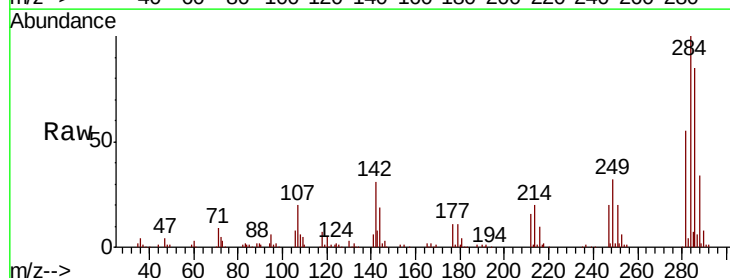


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

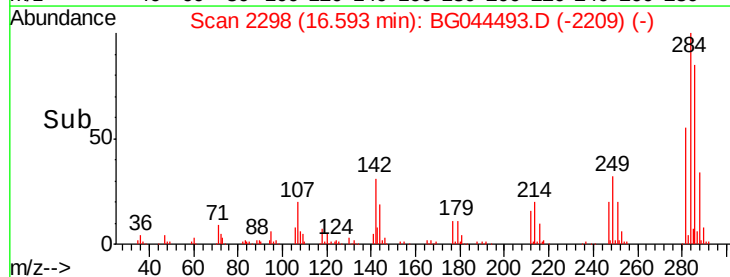
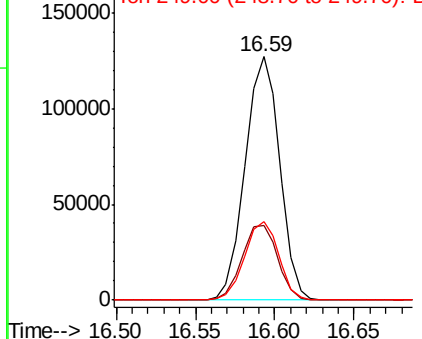


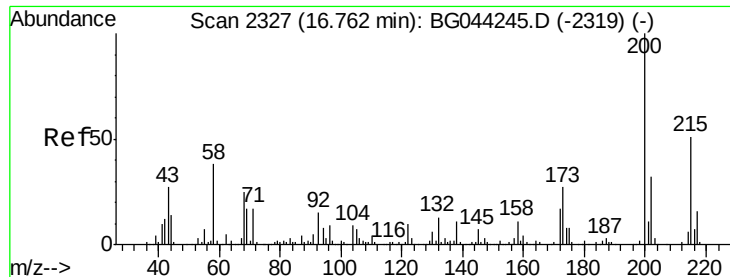
#68
Hexachlorobenzene
Concen: 41.413 ng
RT: 16.59 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BG044493.D
Acq: 19 Feb 2020 17:27

Tgt Ion:284 Resp: 192494
Ion Ratio Lower Upper
284 100
142 30.5 25.3 37.9
249 32.1 25.5 38.3



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





#69

Atrazine

Concen: 38.910 ng

RT: 16.74 min Scan# 2323

Delta R.T. -0.01 min

Lab File: BG044493.D

Acq: 19 Feb 2020 17:27

Instrument :

BNA_G

ClientSampleId :

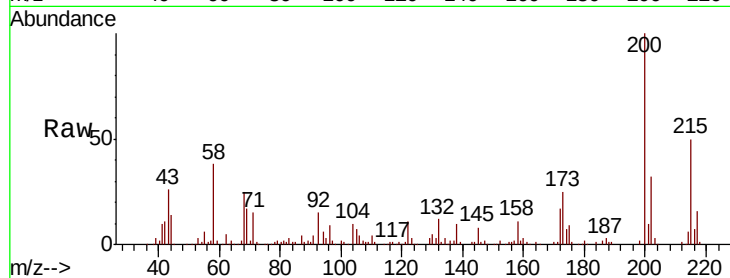
Tot Ion:200 Resp: 142328

Ion Ratio Lower Upper

200 100

173 25.4 6.6 46.6

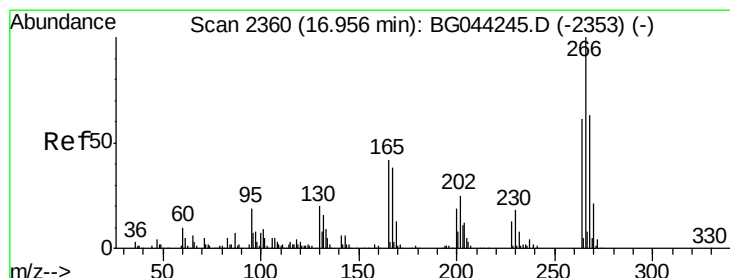
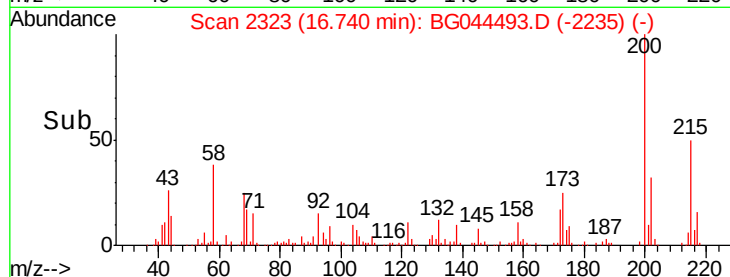
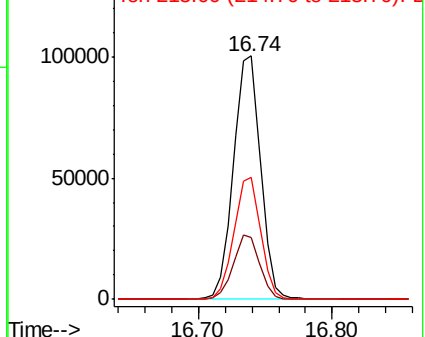
215 50.3 31.0 71.0



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: 39.565 ng

RT: 16.93 min Scan# 2356

Delta R.T. -0.01 min

Lab File: BG044493.D

Acq: 19 Feb 2020 17:27

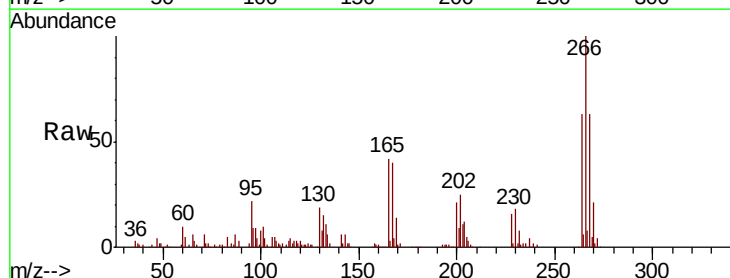
Tgt Ion:266 Resp: 89112

Ion Ratio Lower Upper

266 100

268 63.0 50.6 75.8

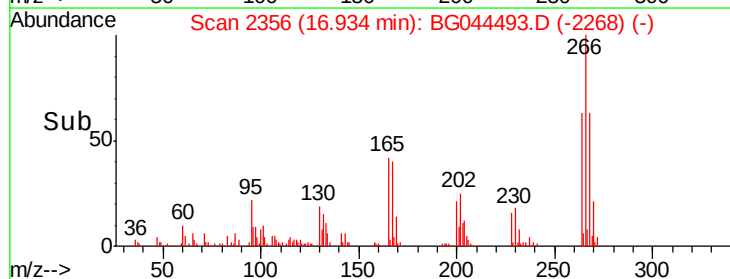
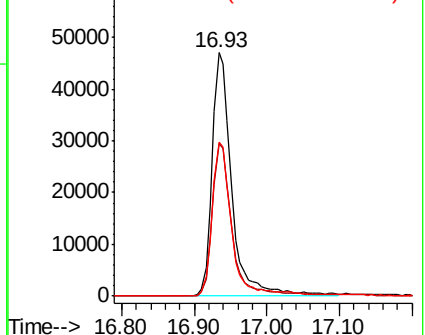
264 63.1 48.7 73.1

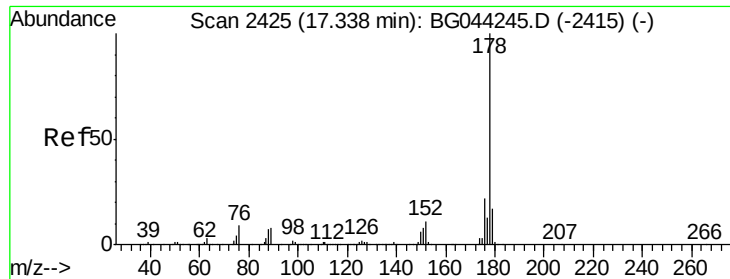


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

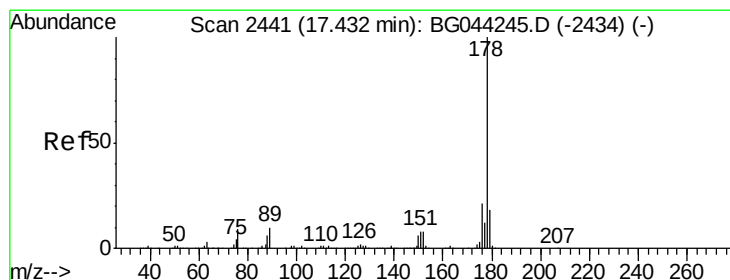
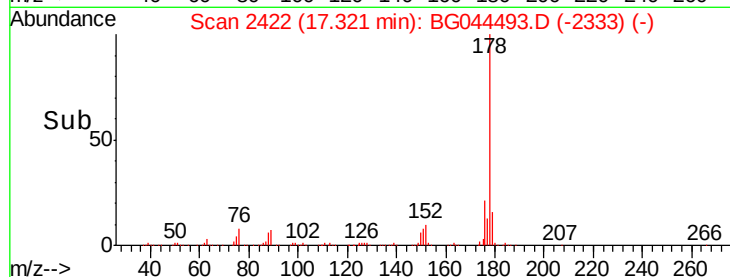
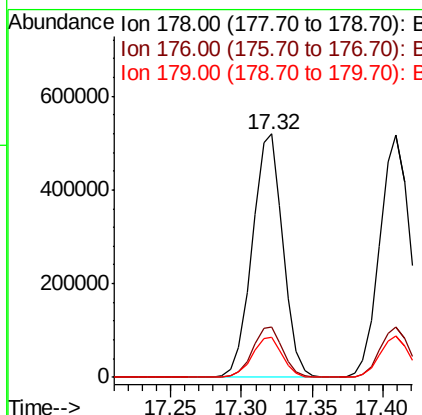
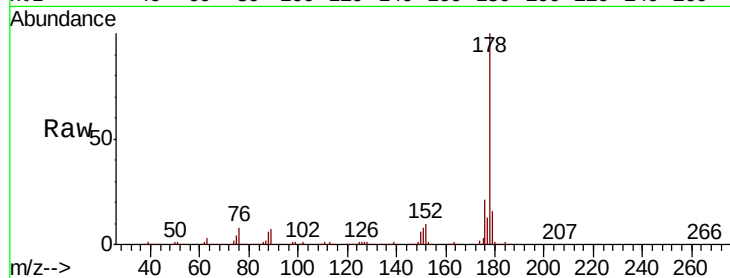




#71
Phenanthrene
Concen: 42.936 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG044493.D
Acq: 19 Feb 2020 17:27

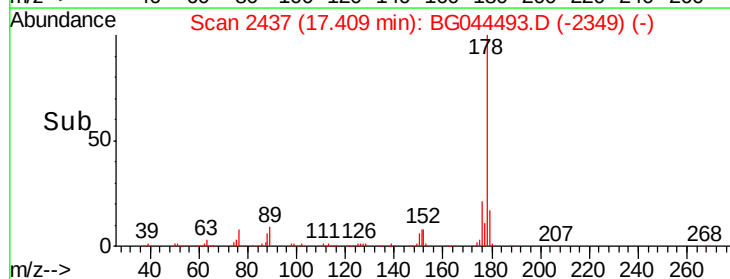
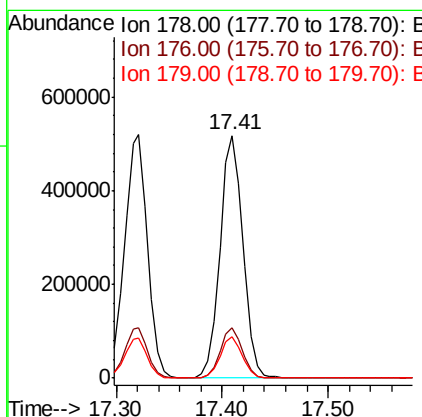
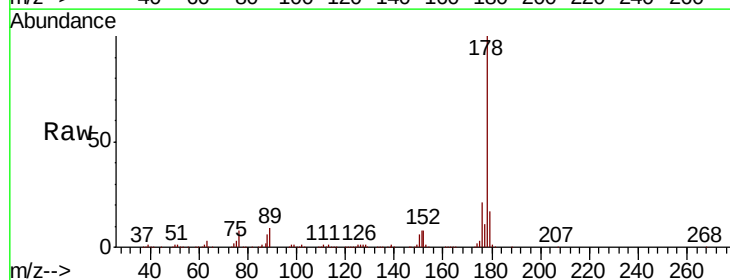
Instrument :
BNA_G
ClientSampleId :

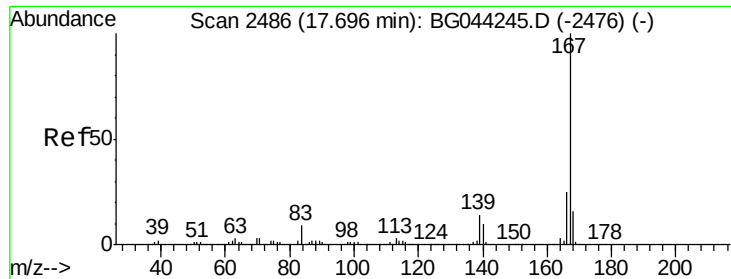
Tot Ion:178 Resp: 791751
Ion Ratio Lower Upper
178 100
176 20.9 17.7 26.5
179 16.4 13.7 20.5



#72
Anthracene
Concen: 42.773 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG044493.D
Acq: 19 Feb 2020 17:27

Tgt Ion:178 Resp: 779803
Ion Ratio Lower Upper
178 100
176 20.5 17.0 25.4
179 16.9 14.4 21.6

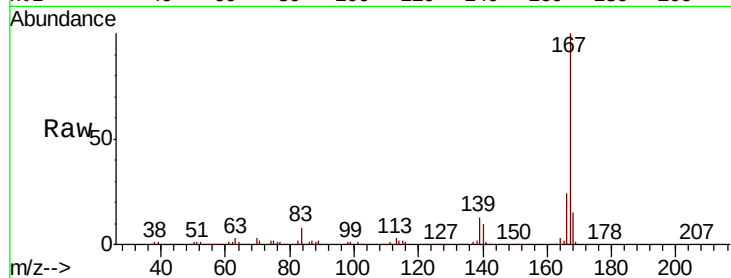




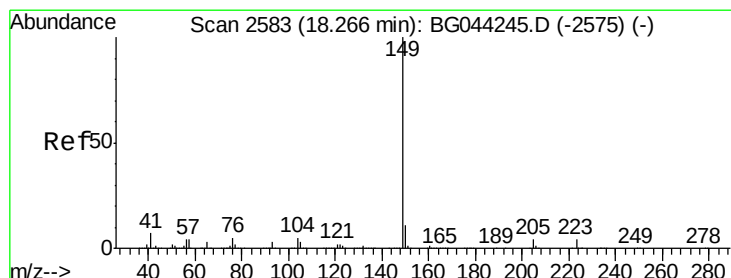
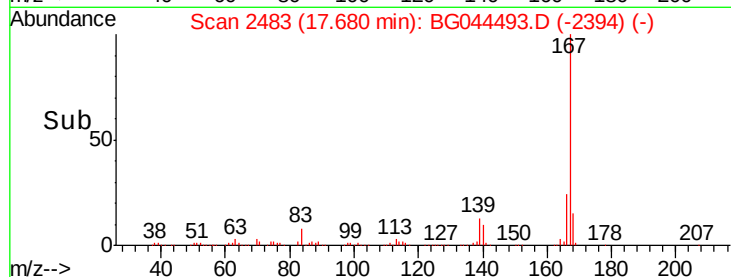
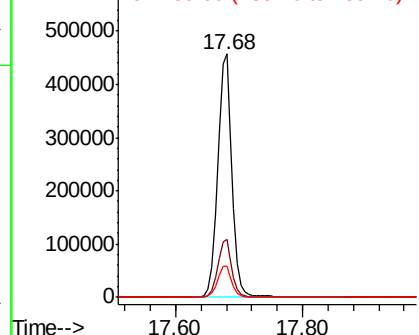
#73
 Carbazole
 Concen: 43.487 ng
 RT: 17.68 min Scan# 2483
 Delta R.T. -0.01 min
 Lab File: BG044493.D
 Acq: 19 Feb 2020 17:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 730882
 Ion Ratio Lower Upper
 167 100
 166 23.8 19.8 29.6
 139 12.7 11.1 16.7

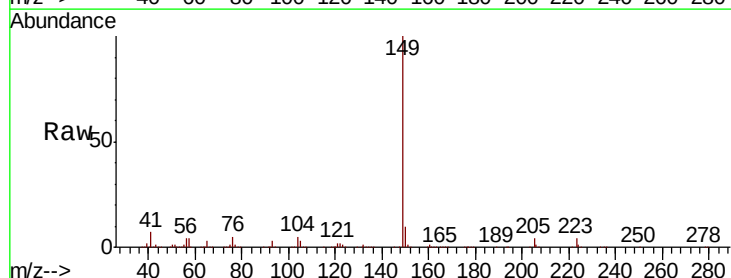


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

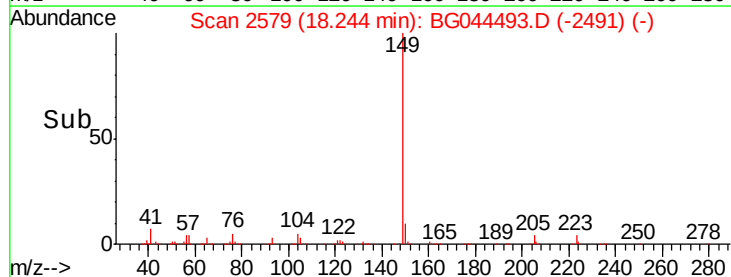
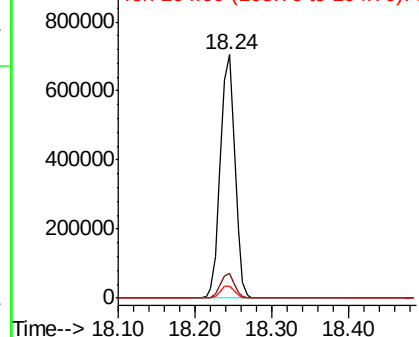


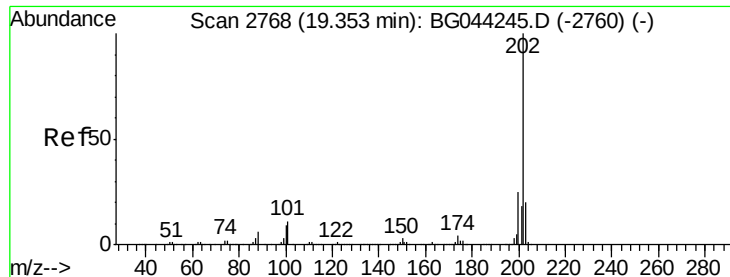
#74
 Di-n-butylphthalate
 Concen: 44.138 ng
 RT: 18.24 min Scan# 2579
 Delta R.T. -0.01 min
 Lab File: BG044493.D
 Acq: 19 Feb 2020 17:27

Tgt Ion:149 Resp: 916712
 Ion Ratio Lower Upper
 149 100
 150 10.2 8.7 13.1
 104 5.1 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.293 ng

RT: 19.33 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG044493.D

Acq: 19 Feb 2020 17:27

Instrument :

BNA_G

ClientSampled :

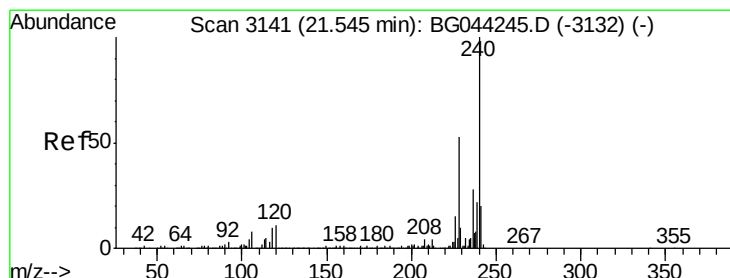
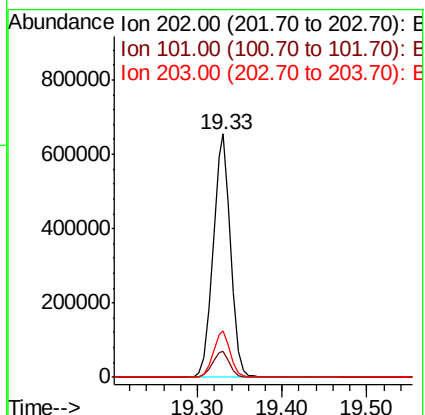
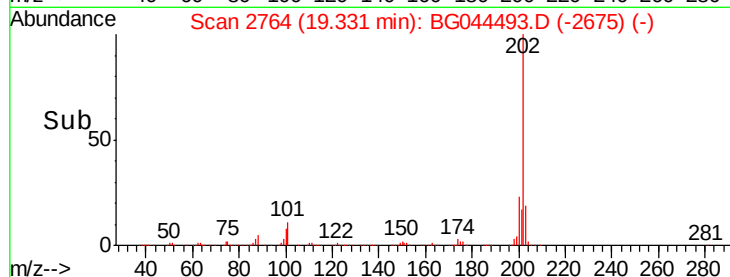
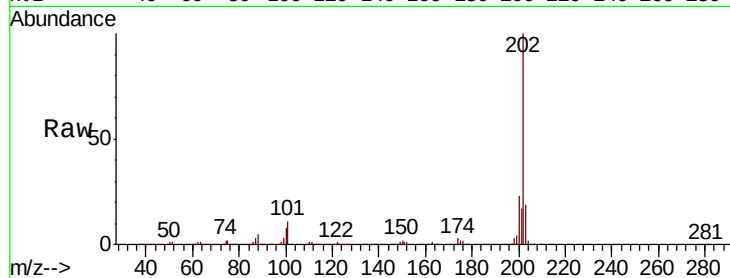
Tot Ion:202 Resp: 944853

Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.3

203 19.0 0.0 39.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.52 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG044493.D

Acq: 19 Feb 2020 17:27

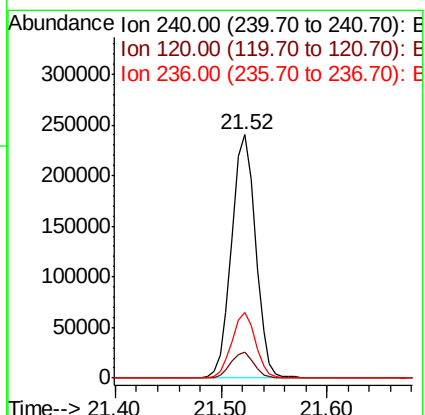
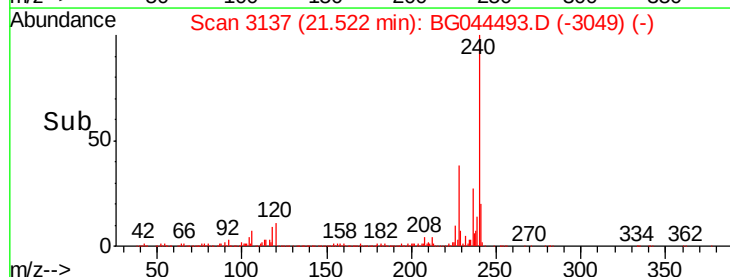
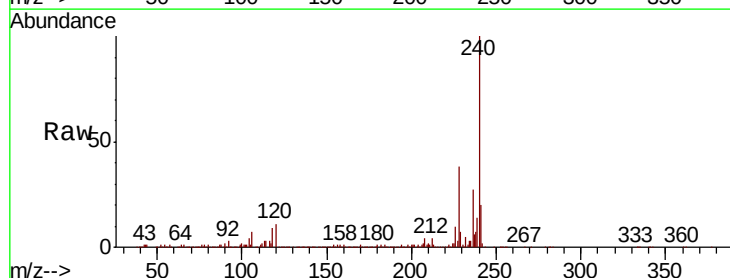
Tgt Ion:240 Resp: 377049

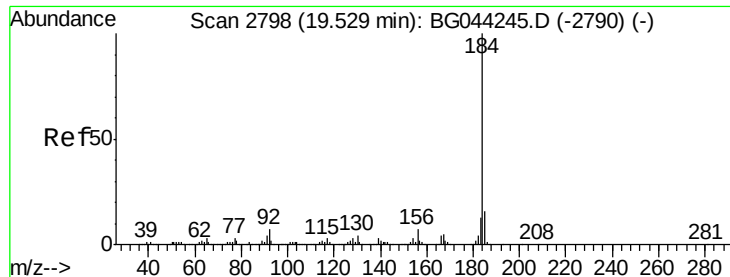
Ion Ratio Lower Upper

240 100

120 10.5 8.4 12.6

236 26.9 22.1 33.1





#77

Benzidine

Concen: 43.906 ng

RT: 19.51 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BG044493.D

Acq: 19 Feb 2020 17:27

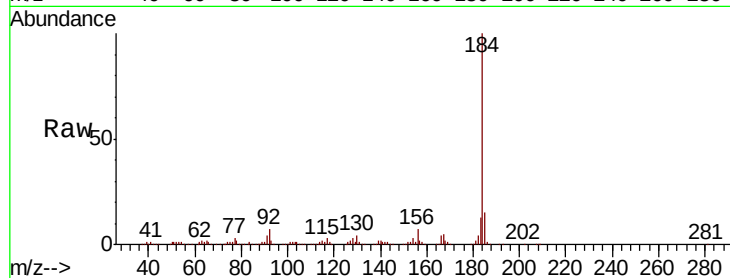
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 459188

Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.9	19.3
183	12.5	10.8	16.2

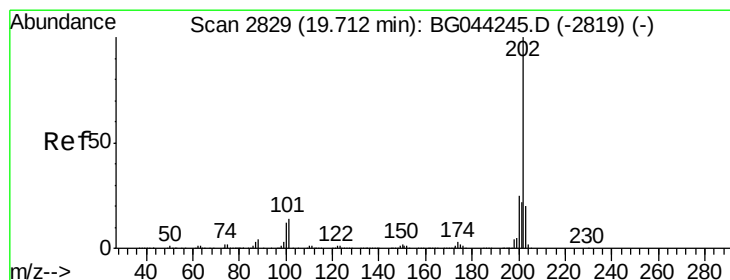
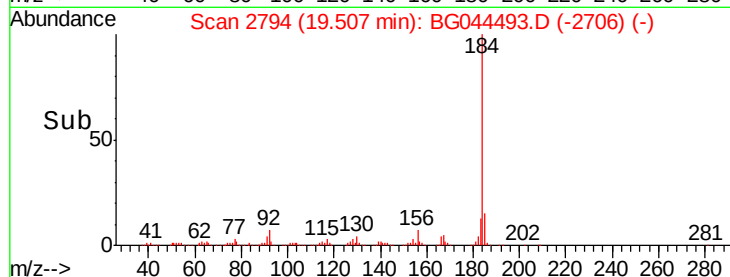
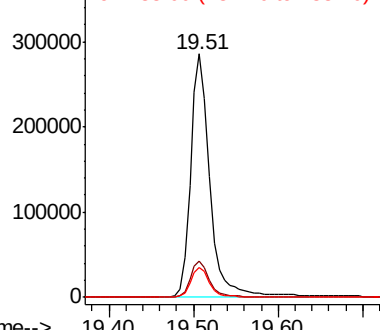


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.023 ng

RT: 19.69 min Scan# 2825

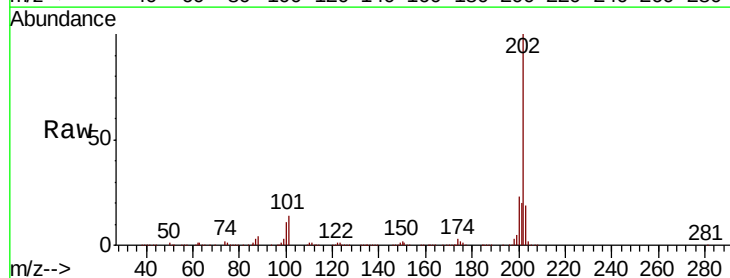
Delta R.T. -0.01 min

Lab File: BG044493.D

Acq: 19 Feb 2020 17:27

Tgt Ion:202 Resp: 944902

Ion	Ratio	Lower	Upper
202	100		
200	23.0	20.0	30.0
203	19.3	16.2	24.2

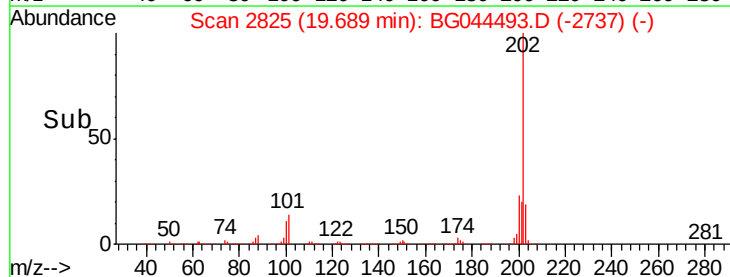
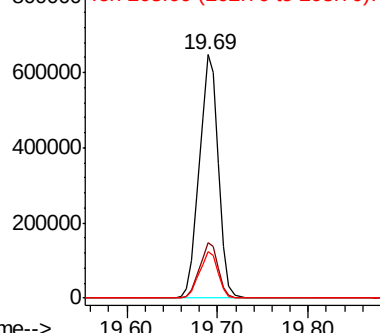


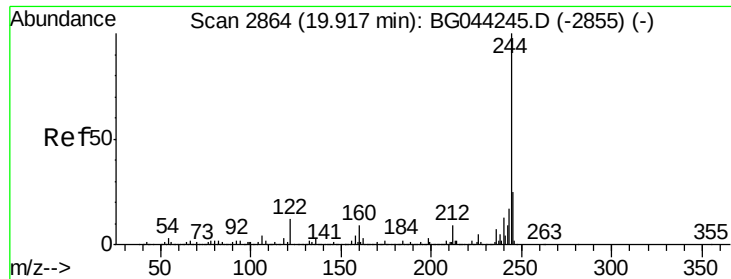
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.071 ng

RT: 19.89 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG044493.D

Acq: 19 Feb 2020 17:27

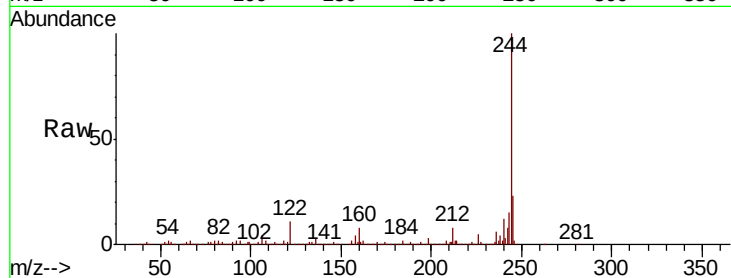
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1376144

Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.4	11.2
122	11.1	9.8	14.6

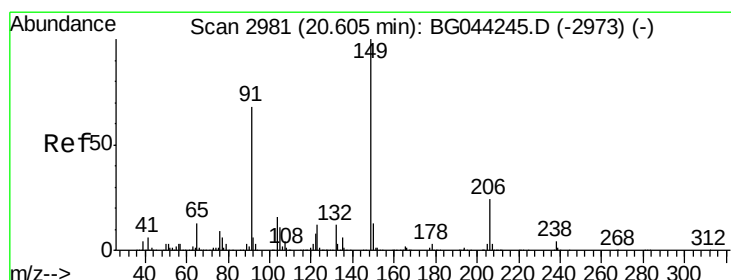
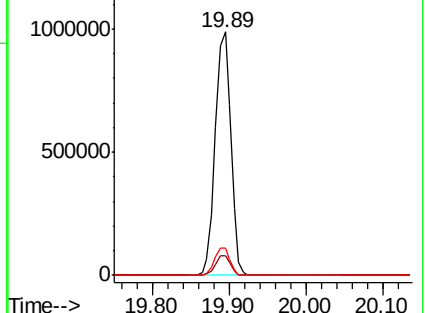
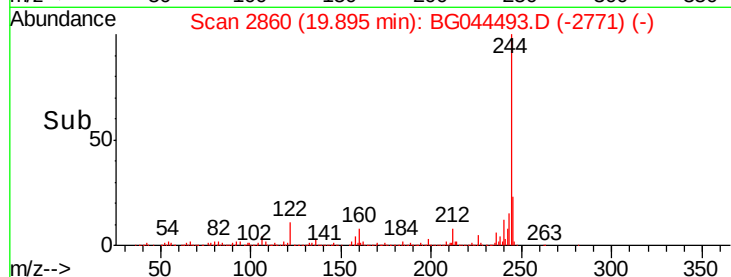


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.432 ng

RT: 20.58 min Scan# 2977

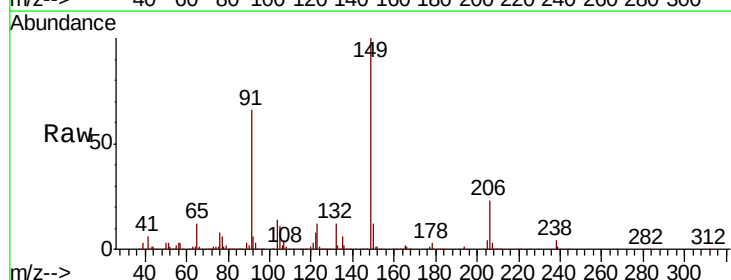
Delta R.T. -0.01 min

Lab File: BG044493.D

Acq: 19 Feb 2020 17:27

Tgt Ion:149 Resp: 435119

Ion	Ratio	Lower	Upper
149	100		
91	66.4	54.5	81.7
206	23.4	19.1	28.7

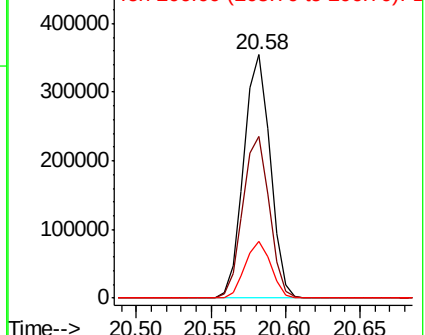
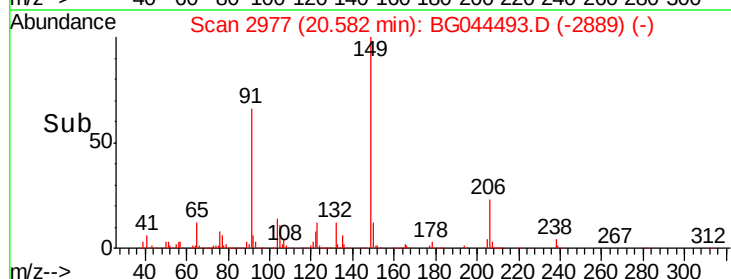


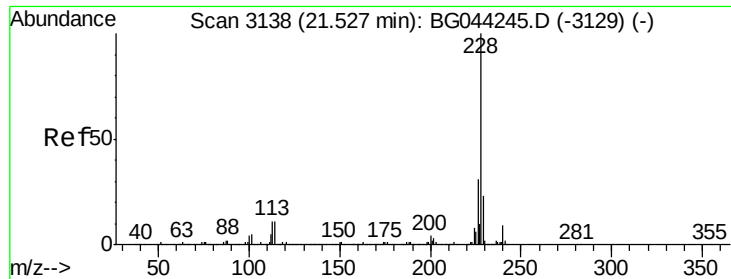
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

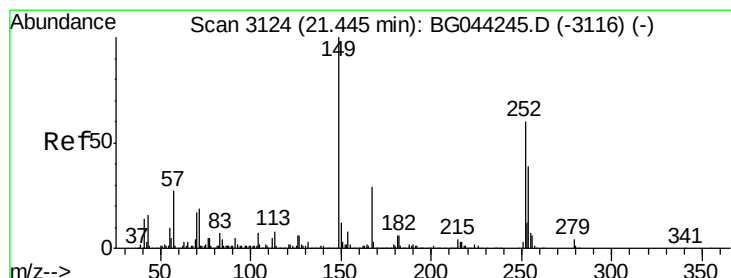
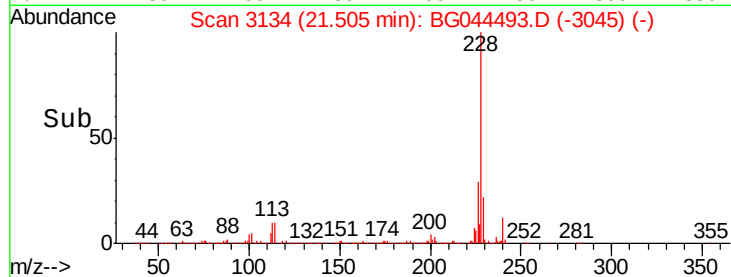
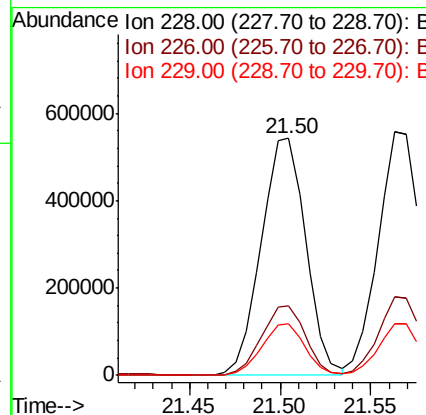
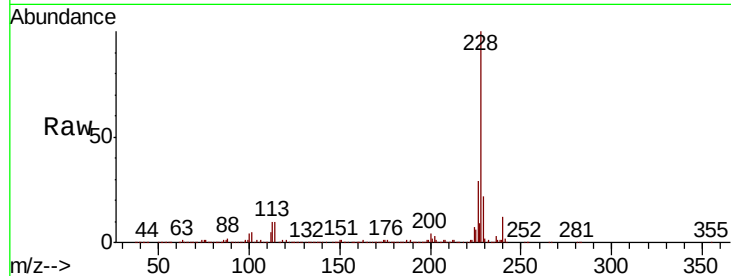




#81
Benzo(a)anthracene
Concen: 39.983 ng
RT: 21.50 min Scan# 3134
Delta R.T. -0.01 min
Lab File: BG044493.D
Acq: 19 Feb 2020 17:27

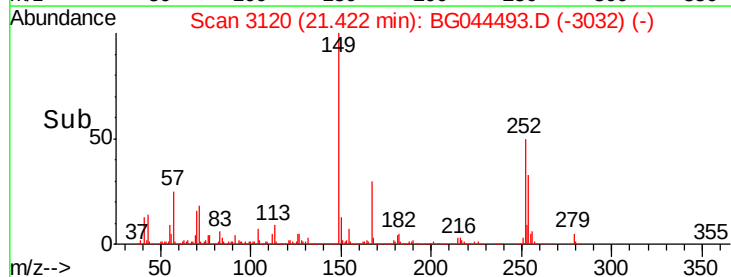
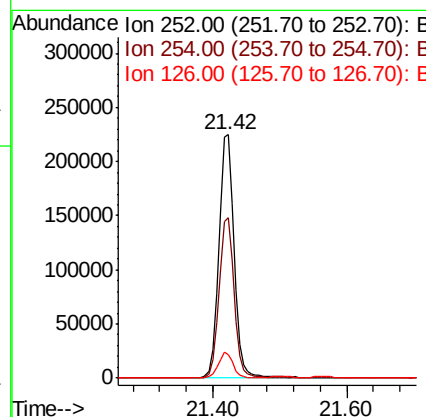
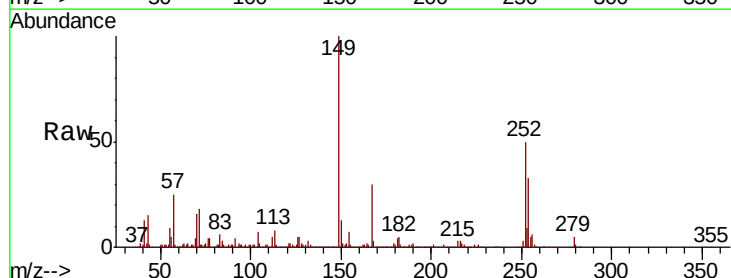
Instrument :
BNA_G
ClientSampleId :

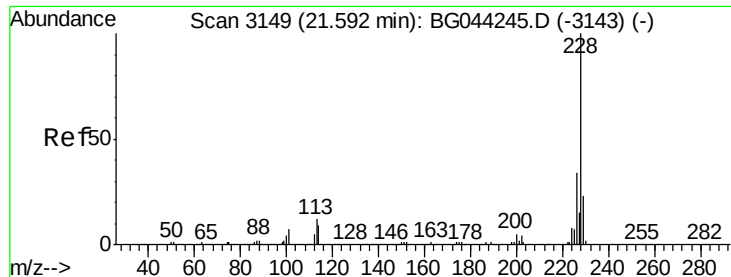
Tot Ion:228 Resp: 929117
Ion Ratio Lower Upper
228 100
226 29.3 24.7 37.1
229 21.8 18.2 27.4



#82
3,3'-Dichlorobenzidine
Concen: 40.405 ng
RT: 21.42 min Scan# 3120
Delta R.T. -0.01 min
Lab File: BG044493.D
Acq: 19 Feb 2020 17:27

Tgt Ion:252 Resp: 364409
Ion Ratio Lower Upper
252 100
254 66.0 52.6 78.8
126 9.5 8.2 12.4

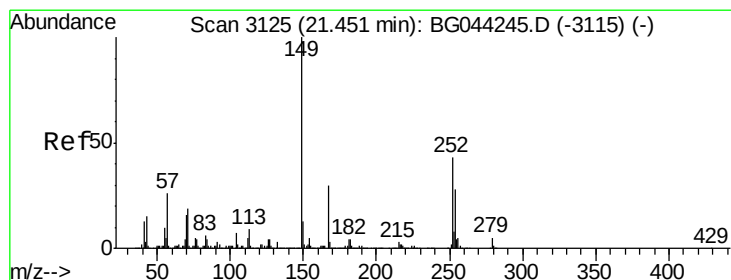
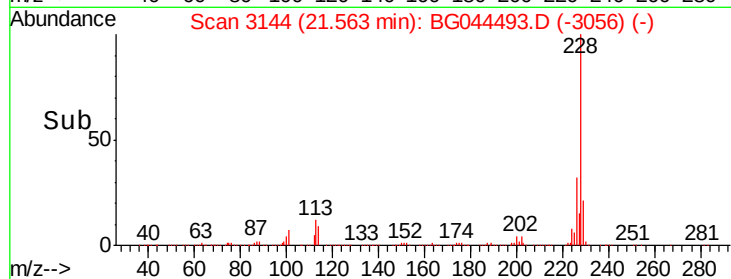
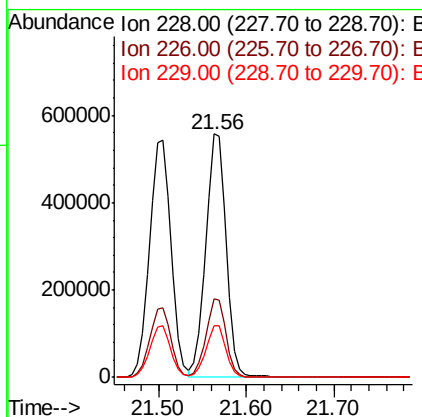
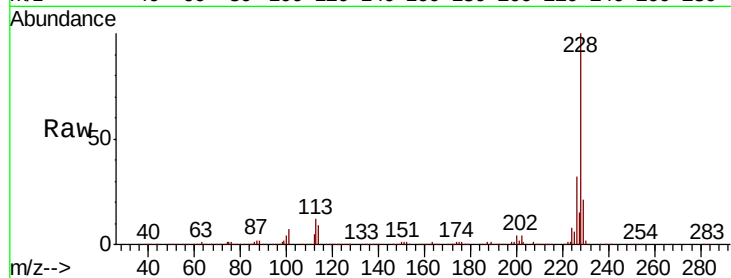




#83
 Chrysene
 Concen: 40.118 ng
 RT: 21.56 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG044493.D
 Acq: 19 Feb 2020 17:27

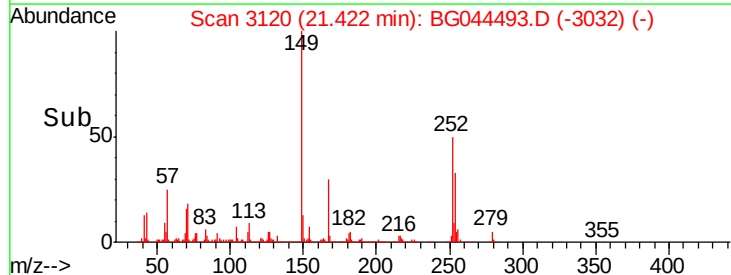
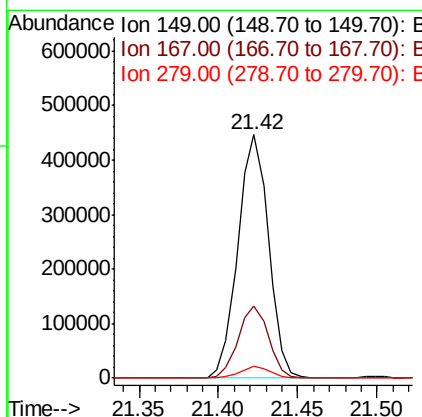
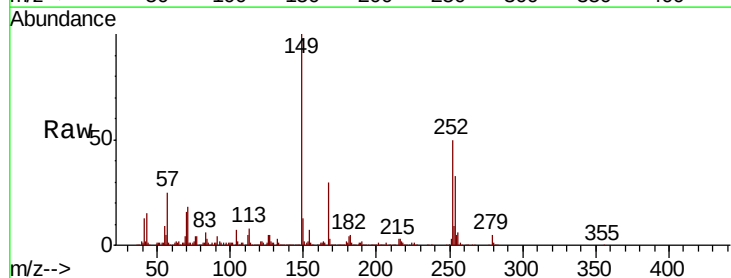
Instrument :
 BNA_G
 ClientSampleId :

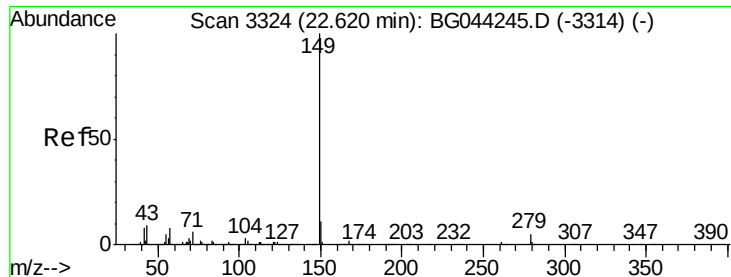
Tot Ion:228 Resp: 901120
 Ion Ratio Lower Upper
 228 100
 226 32.2 27.1 40.7
 229 21.4 17.9 26.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.321 ng
 RT: 21.42 min Scan# 3120
 Delta R.T. -0.01 min
 Lab File: BG044493.D
 Acq: 19 Feb 2020 17:27

Tgt Ion:149 Resp: 597222
 Ion Ratio Lower Upper
 149 100
 167 29.8 24.0 36.0
 279 4.9 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 40.967 ng

RT: 22.59 min Scan# 3318

Delta R.T. -0.02 min

Lab File: BG044493.D

Acq: 19 Feb 2020 17:27

Instrument :

BNA_G

ClientSampleId :

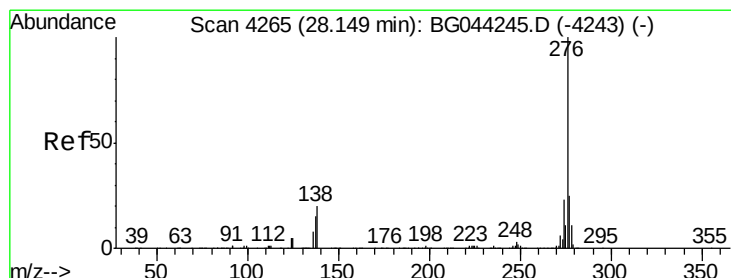
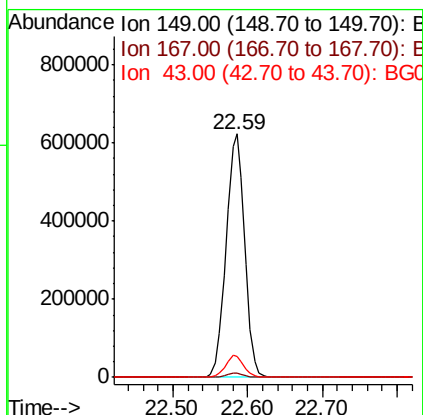
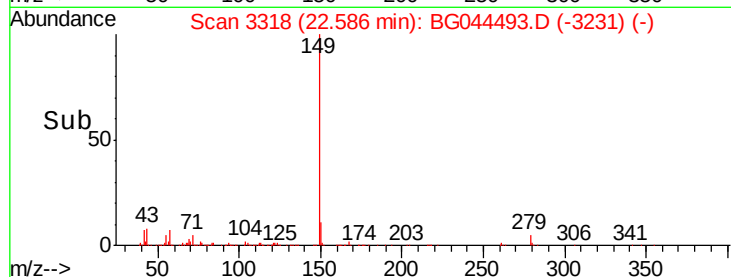
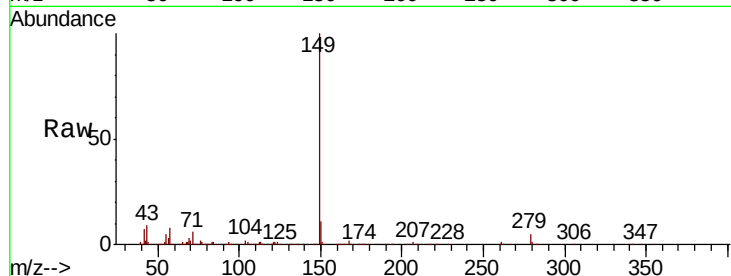
Tot Ion:149 Resp: 1076576

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.8 7.4 11.0



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.532 ng

RT: 28.09 min Scan# 4255

Delta R.T. -0.03 min

Lab File: BG044493.D

Acq: 19 Feb 2020 17:27

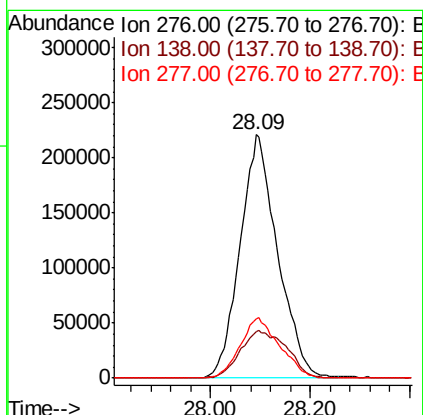
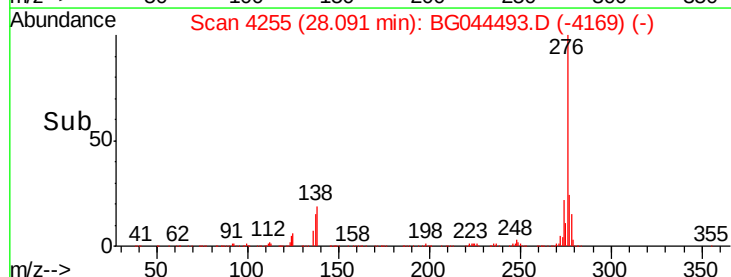
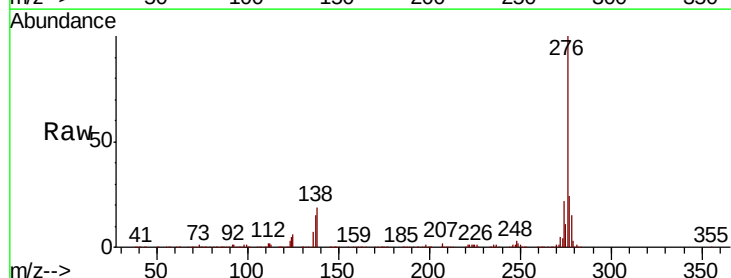
Tgt Ion:276 Resp: 1158460

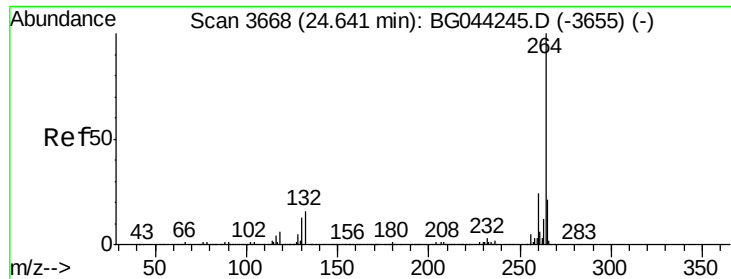
Ion Ratio Lower Upper

276 100

138 24.2 19.4 29.0

277 26.0 21.0 31.6



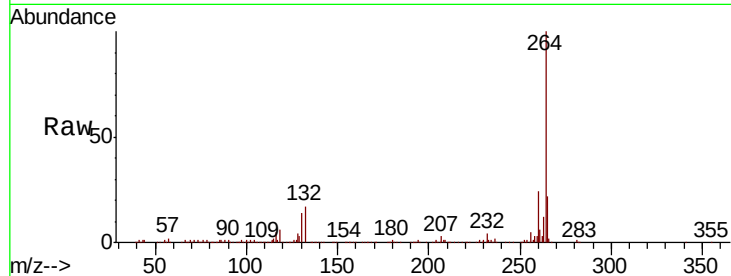


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.60 min Scan# 3661
Delta R.T. -0.02 min
Lab File: BG044493.D
Acq: 19 Feb 2020 17:27

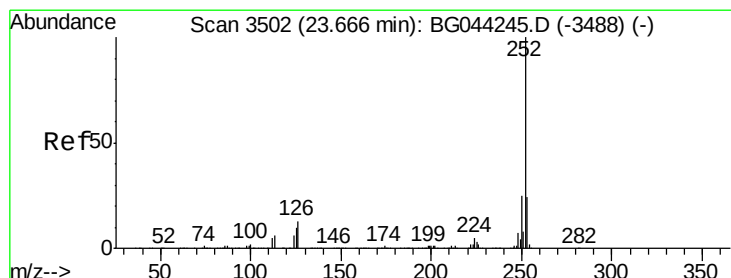
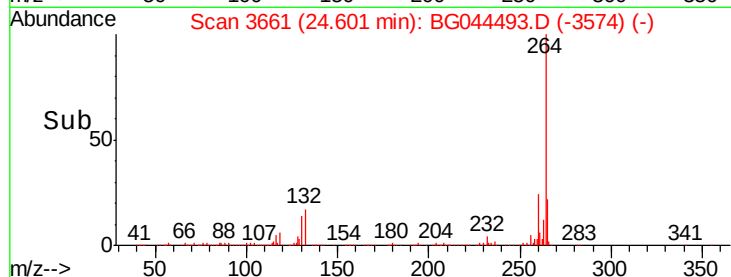
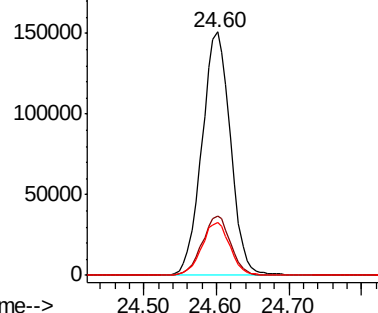
Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 412352

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	22.0	16.7	25.1



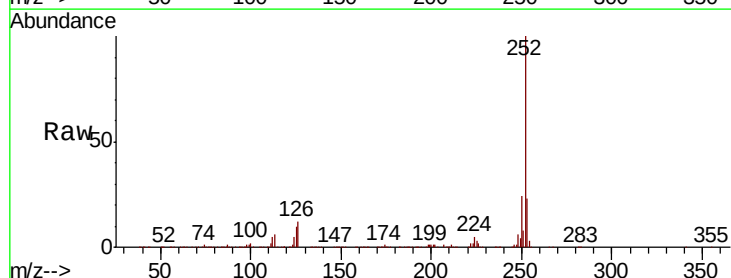
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



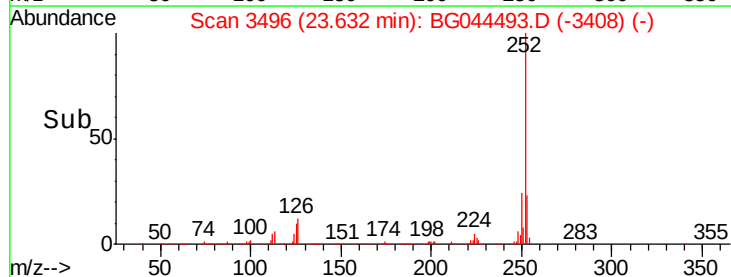
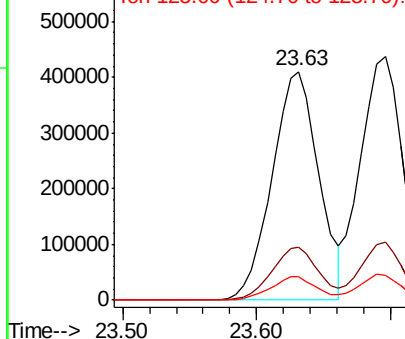
#88
Benzo(b)fluoranthene
Concen: 41.875 ng
RT: 23.63 min Scan# 3496
Delta R.T. -0.01 min
Lab File: BG044493.D
Acq: 19 Feb 2020 17:27

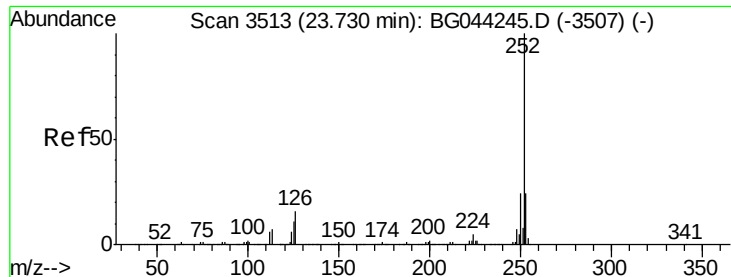
Tgt Ion:252 Resp: 995006

Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.2	28.8
125	10.0	8.4	12.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.782 ng

RT: 23.70 min Scan# 3507

Delta R.T. -0.01 min

Lab File: BG044493.D

Acq: 19 Feb 2020 17:27

Instrument :

BNA_G

ClientSampleId :

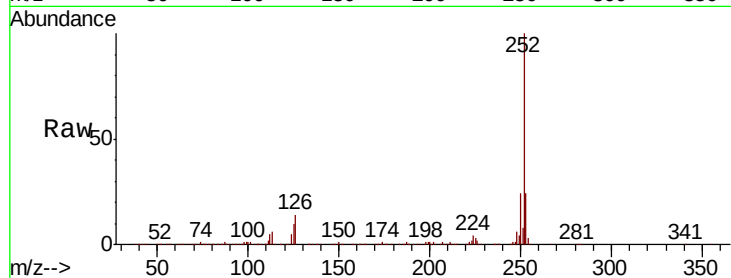
Tot Ion:252 Resp: 967610

Ion Ratio Lower Upper

252 100

253 23.6 19.1 28.7

125 10.0 8.6 12.8

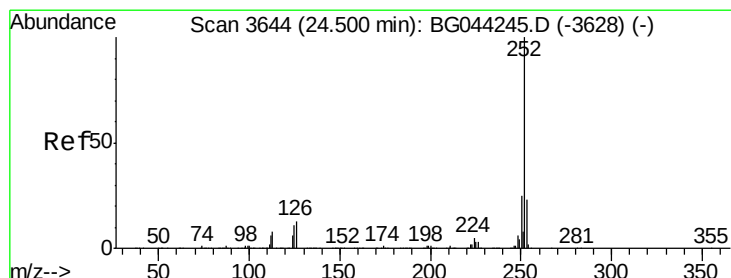
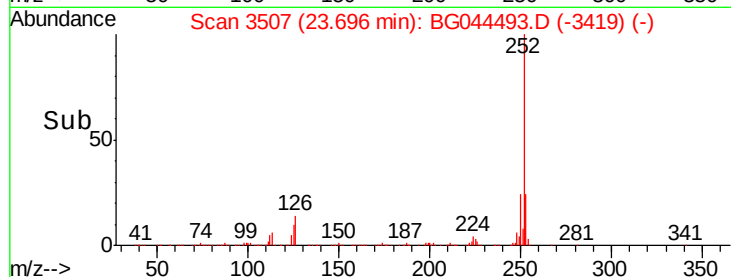
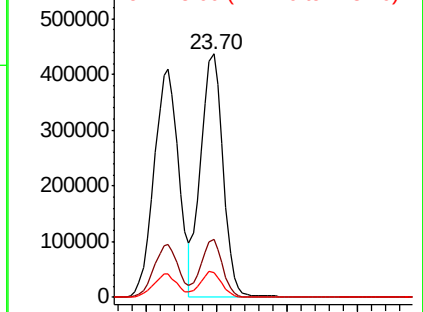


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 42.043 ng

RT: 24.46 min Scan# 3637

Delta R.T. -0.01 min

Lab File: BG044493.D

Acq: 19 Feb 2020 17:27

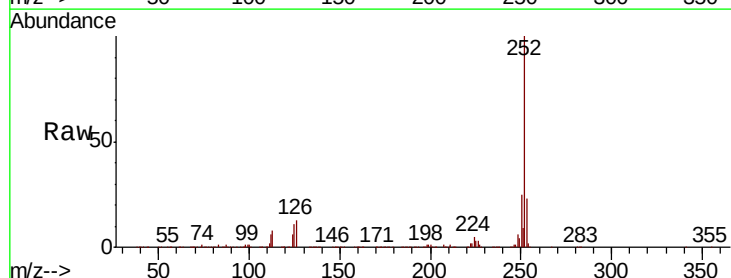
Tgt Ion:252 Resp: 944543

Ion Ratio Lower Upper

252 100

253 23.1 18.1 27.1

125 10.8 8.6 13.0

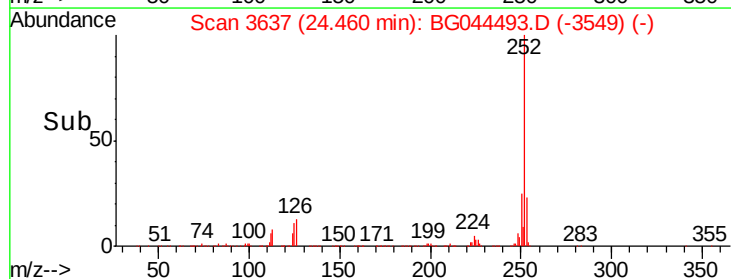
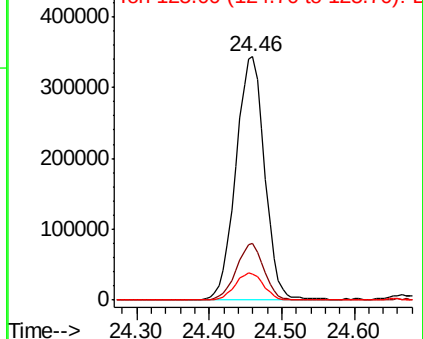


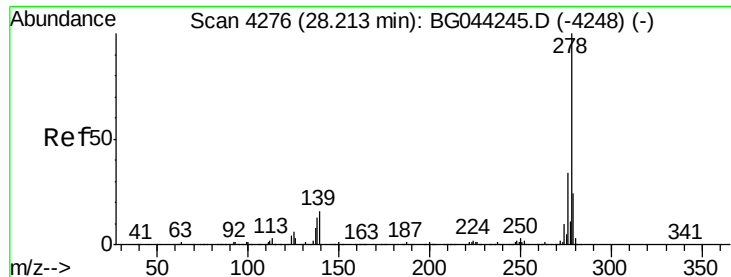
Abundance

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: 42.631 ng

RT: 28.15 min Scan# 4265

Delta R.T. -0.03 min

Lab File: BG044493.D

Acq: 19 Feb 2020 17:27

Instrument :

BNA_G

ClientSampleId :

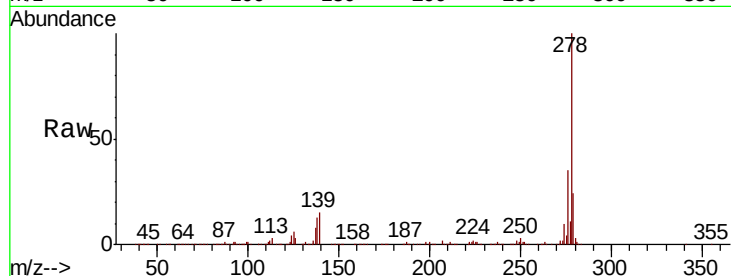
Tot Ion:278 Resp: 947848

Ion Ratio Lower Upper

278 100

139 15.0 12.7 19.1

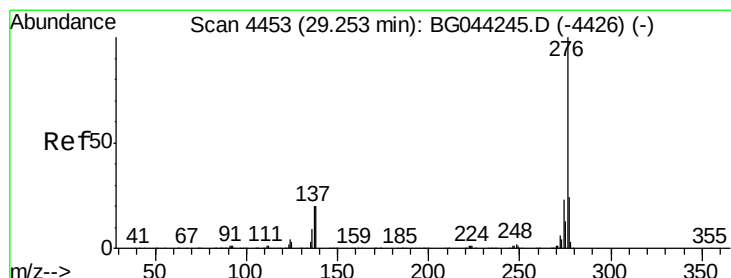
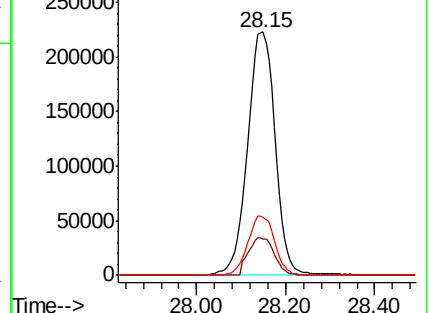
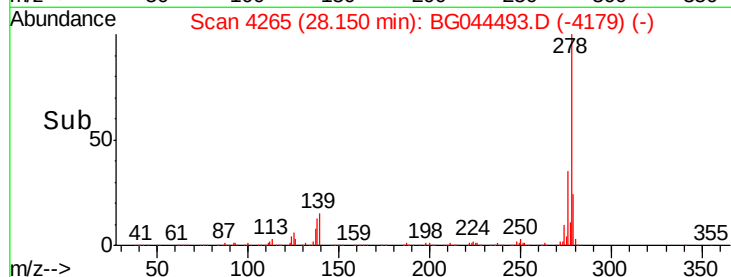
279 24.0 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.132 ng

RT: 29.18 min Scan# 4441

Delta R.T. -0.02 min

Lab File: BG044493.D

Acq: 19 Feb 2020 17:27

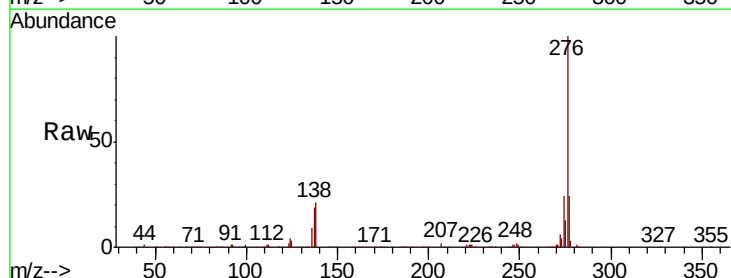
Tgt Ion:276 Resp: 937761

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 21.3 16.2 24.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

