

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
 Data File : BG044502.D
 Acq On : 19 Feb 2020 23:21
 Operator : CG/JU
 Sample : L1575-07MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 20 07:17:49 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	61785	20.00	ng	-0.01
21) Naphthalene-d8	10.69	136	247450	20.00	ng	0.00
39) Acenaphthene-d10	14.53	164	160803	20.00	ng	-0.01
64) Phenanthrene-d10	17.27	188	379089	20.00	ng	-0.02
76) Chrysene-d12	21.52	240	382636	20.00	ng	-0.01
87) Perylene-d12	24.60	264	413898	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	445381	127.22	ng	0.00
7) Phenol-d6	7.07	99	581390	123.67	ng	0.00
23) Nitrobenzene-d5	9.05	82	343990	78.48	ng	-0.01
42) 2,4,6-Tribromophenol	16.02	330	257743	136.54	ng	0.00
45) 2-Fluorobiphenyl	13.15	172	774921	80.70	ng	-0.01
79) Terphenyl-d14	19.89	244	1356894	72.94	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.35	88	67607	42.982	ng	98
3) Pyridine	3.74	79	175369	41.848	ng	99
4) n-Nitrosodimethylamine	3.66	42	84701	48.369	ng	99
6) Aniline	7.21	93	141511	24.251	ng	99
8) 2-Chlorophenol	7.46	128	203321	52.844	ng	99
9) Benzaldehyde	7.02	77	85462	31.919	ng	96
10) Phenol	7.09	94	248048	53.314	ng	99
11) bis(2-Chloroethyl)ether	7.31	93	184220	46.314	ng	96
12) 1,3-Dichlorobenzene	7.78	146	216986	47.234	ng	99
13) 1,4-Dichlorobenzene	7.93	146	217528	47.809	ng	99
14) 1,2-Dichlorobenzene	8.24	146	205847	47.865	ng	98
15) Benzyl Alcohol	8.13	79	165035	49.585	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.42	45	236867	43.997	ng	98
17) 2-Methylphenol	8.34	107	165722	49.924	ng	99
18) Hexachloroethane	8.97	117	79153	46.360	ng	96
19) n-Nitroso-di-n-propylamine	8.70	70	139921	44.659	ng	99
20) 3+4-Methylphenols	8.67	107	229107	50.080	ng	98
22) Acetophenone	8.71	105	268142	44.544	ng	# 99
24) Nitrobenzene	9.09	77	202470	47.318	ng	99
25) Isophorone	9.61	82	392572	48.054	ng	100
26) 2-Nitrophenol	9.80	139	116627	52.528	ng	99
27) 2,4-Dimethylphenol	9.87	122	186637	59.549	ng	98
28) bis(2-Chloroethoxy)methane	10.10	93	242850	44.561	ng	99
29) 2,4-Dichlorophenol	10.35	162	197106	52.010	ng	99
30) 1,2,4-Trichlorobenzene	10.56	180	202438	46.586	ng	100
31) Naphthalene	10.74	128	580620	48.363	ng	100
32) Benzoic acid	9.87	122	186637	77.887	ng	# 19
33) 4-Chloroaniline	10.85	127	116054	21.255	ng	99
34) Hexachlorobutadiene	11.03	225	119884	44.835	ng	97
35) Caprolactam	11.62	113	87651	63.138	ng	94
36) 4-Chloro-3-methylphenol	11.99	107	212873	53.575	ng	99
37) 2-Methylnaphthalene	12.35	142	428510	48.073	ng	100
38) 1-Methylnaphthalene	12.57	142	405530	48.255	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.73	216	214430	44.579	ng	99

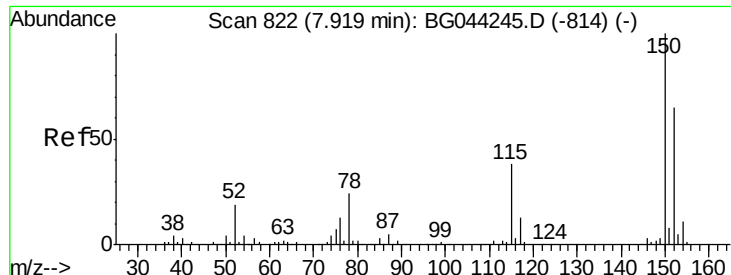
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 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	226723	98.231	ng	99
43) 2,4,6-Trichlorophenol	12.97	196	162181	52.162	ng	98
44) 2,4,5-Trichlorophenol	13.04	196	177479	55.887	ng	98
46) 1,1'-Biphenyl	13.36	154	545401	47.022	ng	99
47) 2-Chloronaphthalene	13.40	162	426368	46.195	ng	99
48) 2-Nitroaniline	13.61	65	130587	47.941	ng	99
49) Acenaphthylene	14.25	152	689590	50.939	ng	99
50) Dimethylphthalate	13.99	163	589963	51.039	ng	99
51) 2,6-Dinitrotoluene	14.10	165	128878	50.006	ng	99
52) Acenaphthene	14.59	154	417455	47.575	ng	99
53) 3-Nitroaniline	14.43	138	69049	24.216	ng	99
54) 2,4-Dinitrophenol	14.65	184	57777	41.852	ng	99
55) Dibenzofuran	14.93	168	660879	49.745	ng	99
56) 4-Nitrophenol	14.76	139	247899	118.690	ng	98
57) 2,4-Dinitrotoluene	14.89	165	181936	50.367	ng	99
58) Fluorene	15.58	166	530190	50.668	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.16	232	171744	59.873	ng	98
60) Diethylphthalate	15.35	149	577584	50.148	ng	99
61) 4-Chlorophenyl-phenylether	15.57	204	275598	48.575	ng	98
62) 4-Nitroaniline	15.60	138	141800	49.769	ng	99
63) Azobenzene	15.86	77	508907	50.415	ng	99
65) 4,6-Dinitro-2-methylphenol	15.66	198	92984	44.435	ng	99
66) n-Nitrosodiphenylamine	15.79	169	504418	47.480	ng	99
67) 4-Bromophenyl-phenylether	16.47	248	188645	45.675	ng	97
68) Hexachlorobenzene	16.59	284	205555	44.424	ng	99
69) Atrazine	16.74	200	205655	56.478	ng	98
70) Pentachlorophenol	16.93	266	163525	70.284	ng	98
71) Phenanthrene	17.32	178	894619	48.735	ng	99
72) Anthracene	17.41	178	925701	51.007	ng	98
73) Carbazole	17.68	167	861859	51.513	ng	99
74) Di-n-butylphthalate	18.24	149	1060047	51.271	ng	99
75) Fluoranthene	19.33	202	1109278	52.237	ng	99
77) Benzidine	19.51	184	394681	37.187	ng	98
78) Pyrene	19.69	202	1110949	45.210	ng	98
80) Butylbenzylphthalate	20.58	149	507447	45.315	ng	99
81) Benzo(a)anthracene	21.50	228	1098528	46.583	ng	99
82) 3,3'-Dichlorobenzidine	21.42	252	224645	24.545	ng	99
83) Chrysene	21.57	228	1057646	46.399	ng	99
84) Bis(2-ethylhexyl)phthalate	21.42	149	713639	46.300	ng	100
85) Di-n-octyl phthalate	22.58	149	1263151	47.365	ng	99
86) Indeno(1,2,3-cd)pyrene	28.10	276	1383363	46.517	ng	100
88) Benzo(b)fluoranthene	23.63	252	1166466	48.908	ng	99
89) Benzo(k)fluoranthene	23.70	252	1155659	49.716	ng	99
90) Benzo(a)pyrene	24.46	252	1089760	48.326	ng	99
91) Dibenzo(a,h)anthracene	28.15	278	1141898	51.167	ng	99
92) Benzo(g,h,i)perylene	29.18	276	1167603	52.263	ng	97

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

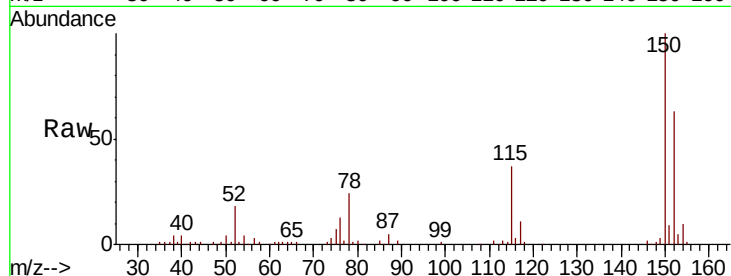


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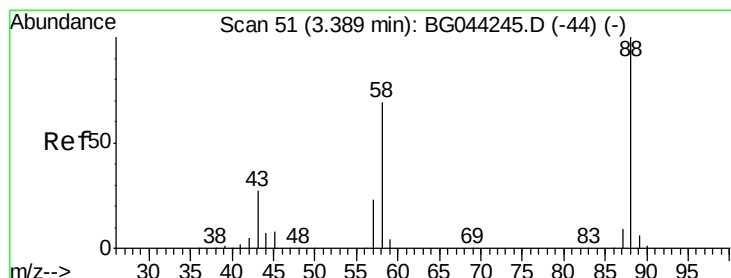
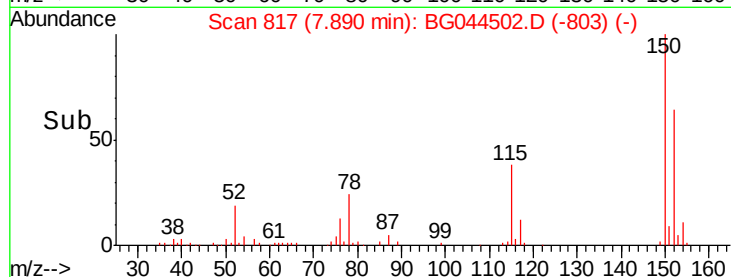
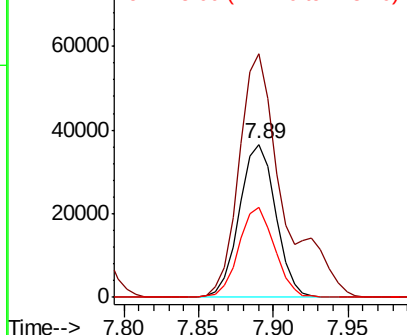
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 61785
Ion Ratio Lower Upper
152 100
150 159.3 122.6 183.8
115 59.3 46.0 69.0



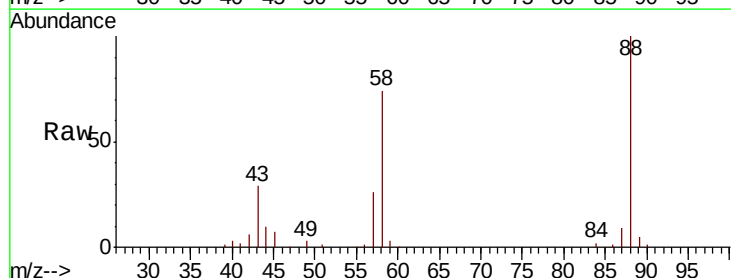
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



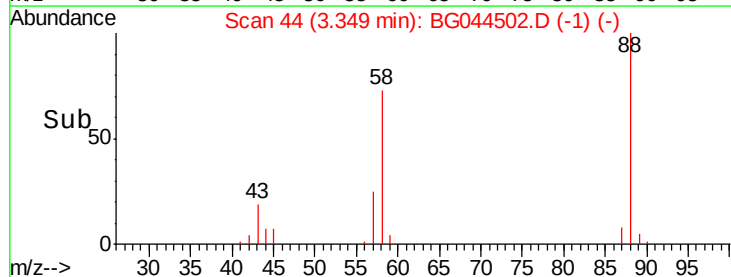
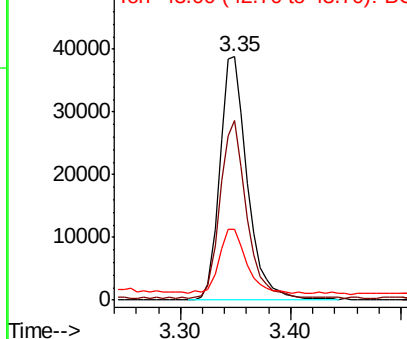
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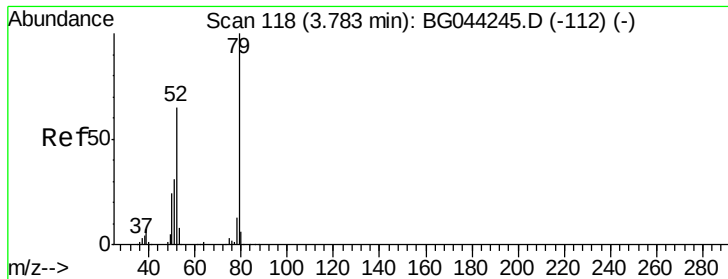
1,4-Dioxane
Concen: 42.982 ng
RT: 3.35 min Scan# 44
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

Tgt Ion: 88 Resp: 67607
Ion Ratio Lower Upper
88 100
58 70.8 55.8 83.6
43 25.1 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: 41.848 ng

RT: 3.74 min Scan# 111

Delta R.T. -0.02 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

Instrument :

BNA_G

ClientSampleId :

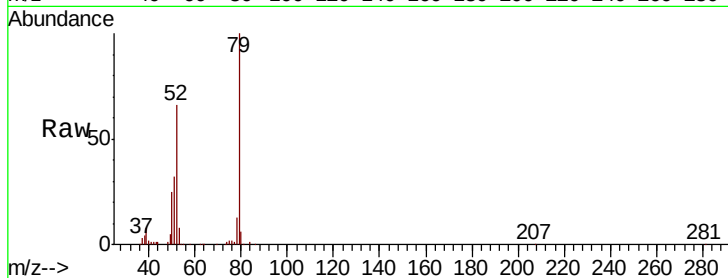
Tot Ion: 79 Resp: 175369

Ion Ratio Lower Upper

79 100

52 65.8 51.9 77.9

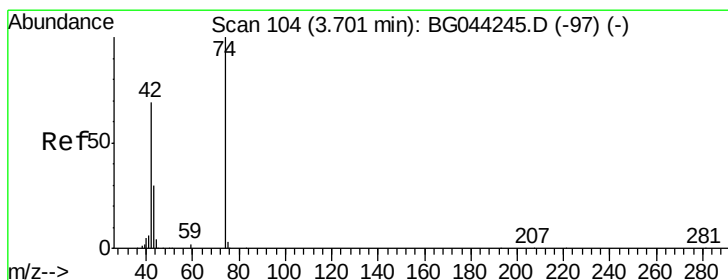
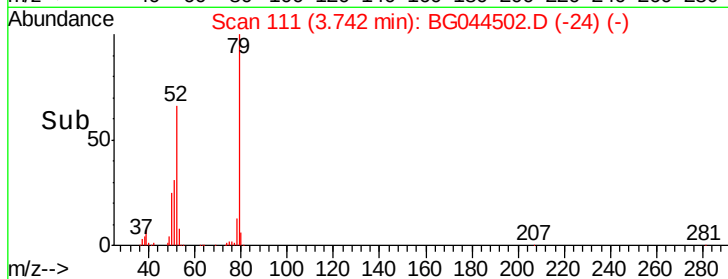
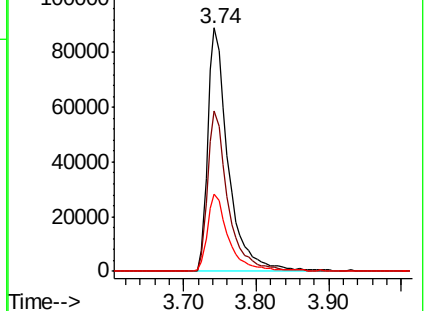
51 31.9 25.3 37.9



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: 48.369 ng

RT: 3.66 min Scan# 97

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

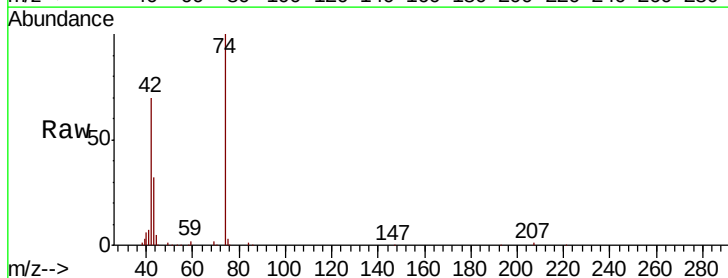
Tgt Ion: 42 Resp: 84701

Ion Ratio Lower Upper

42 100

74 142.6 115.1 172.7

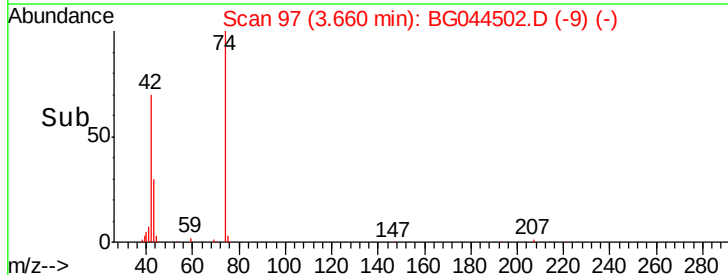
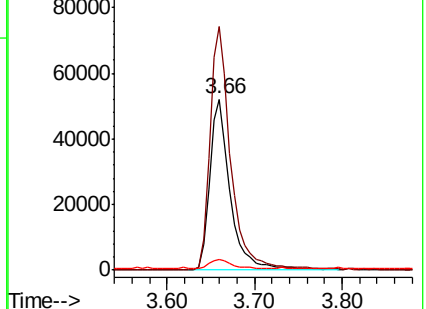
44 6.6 5.6 8.4

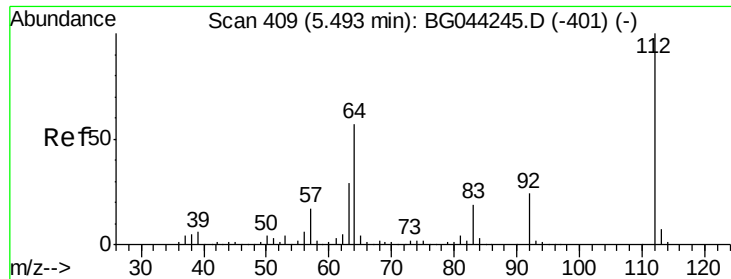


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 127.220 ng

RT: 5.47 min Scan# 405

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

Instrument :

BNA_G

ClientSampleId :

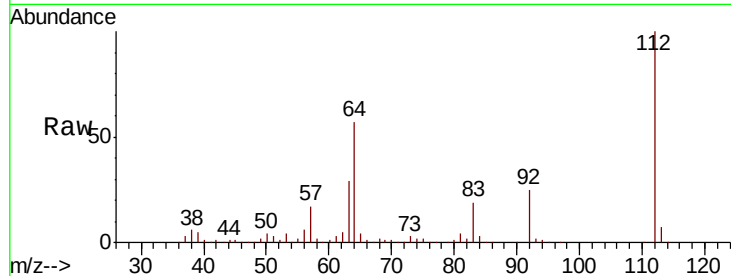
Tot Ion:112 Resp: 445381

Ion Ratio Lower Upper

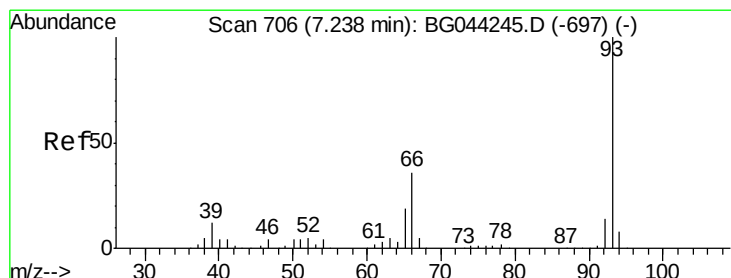
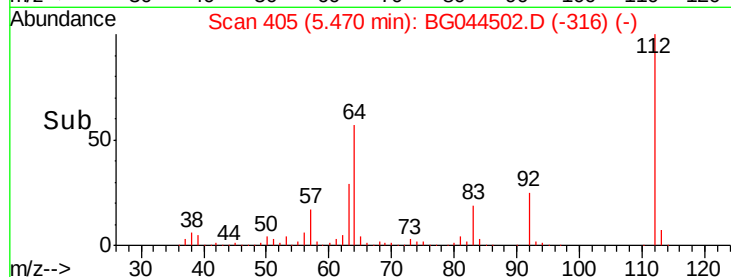
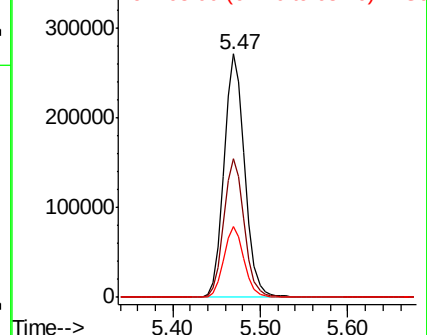
112 100

64 57.0 45.4 68.2

63 29.2 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: 24.251 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

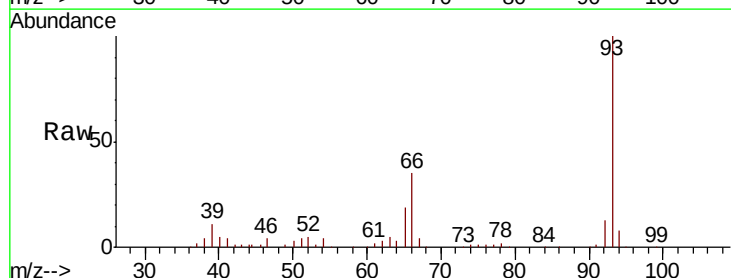
Tgt Ion: 93 Resp: 141511

Ion Ratio Lower Upper

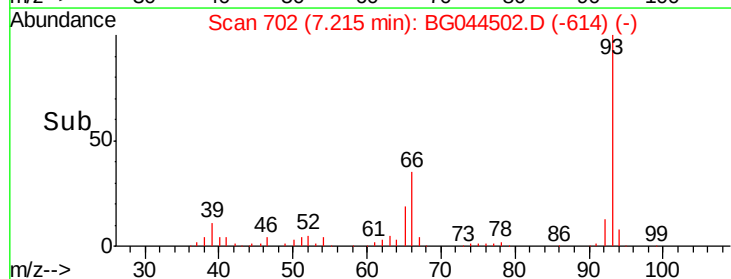
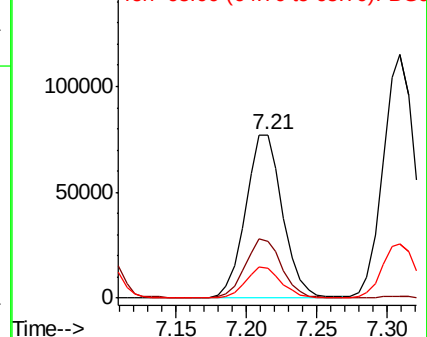
93 100

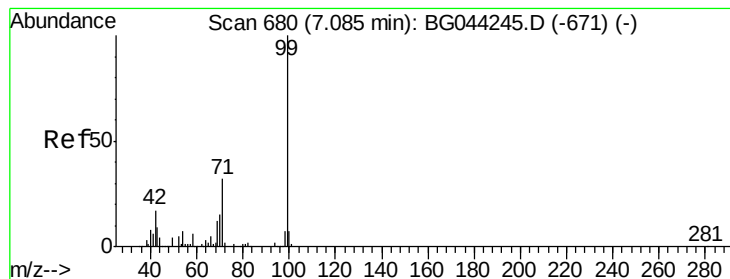
66 35.1 28.7 43.1

65 18.7 15.4 23.0



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





#7

Phenol-d6

Concen: 123.670 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

Instrument :

BNA_G

ClientSampleId :

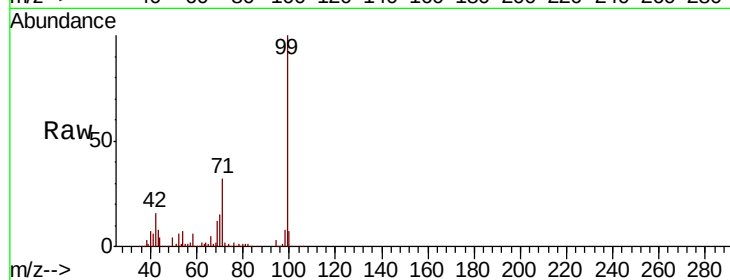
Tot Ion: 99 Resp: 581390

Ion Ratio Lower Upper

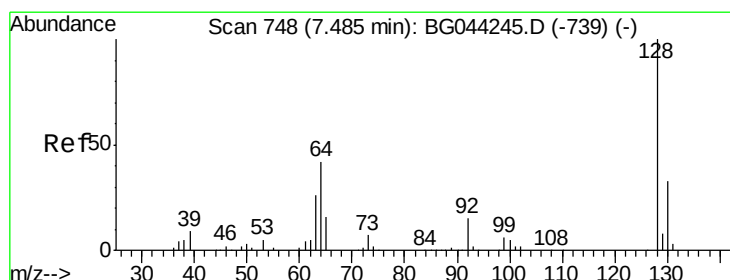
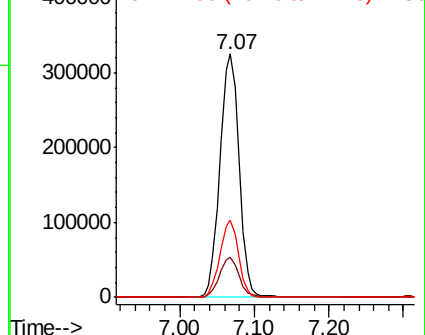
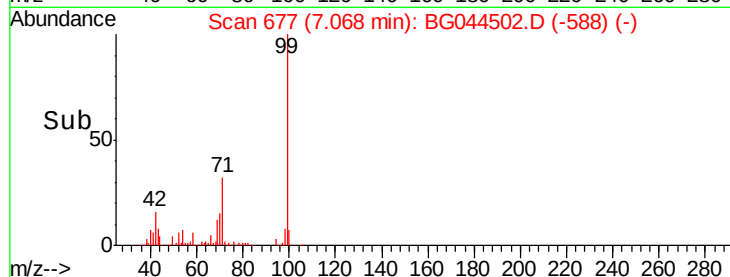
99 100

42 16.4 13.8 20.6

71 31.5 25.5 38.3



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



#8

2-Chlorophenol

Concen: 52.844 ng

RT: 7.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

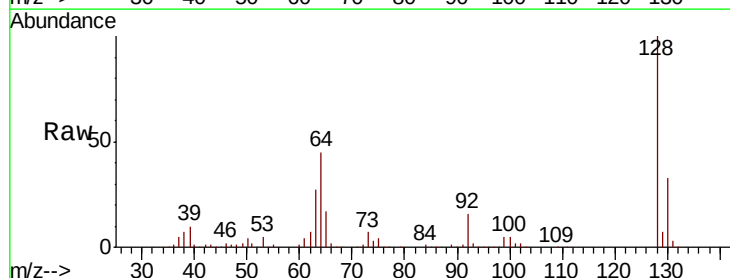
Tgt Ion:128 Resp: 203321

Ion Ratio Lower Upper

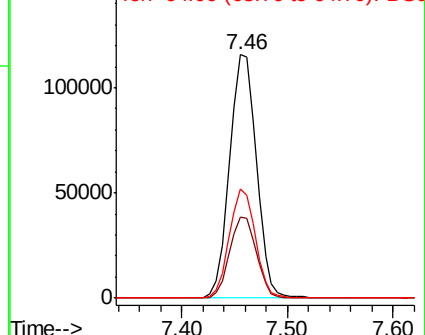
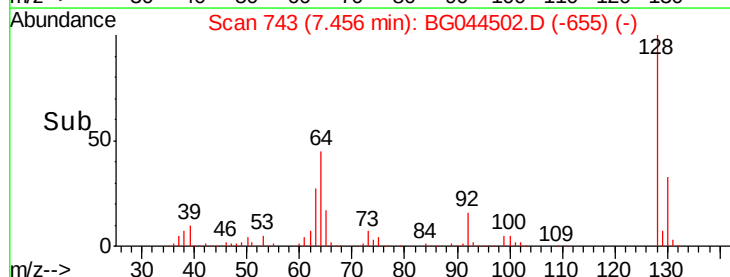
128 100

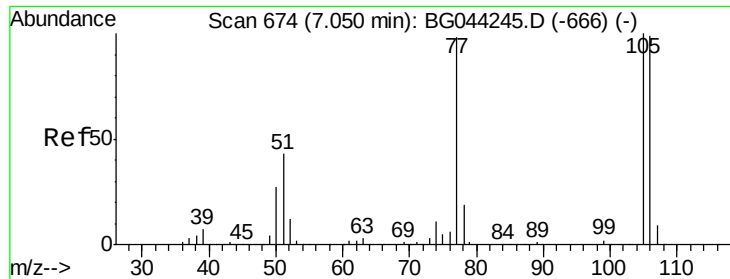
130 33.1 12.5 52.5

64 44.7 24.2 64.2



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





#9

Benzaldehyde

Concen: 31.919 ng

RT: 7.02 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

Instrument :

BNA_G

ClientSampleId :

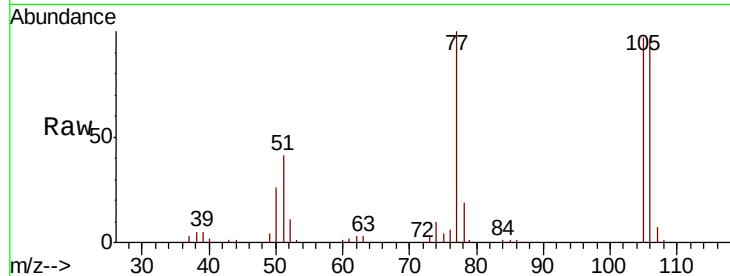
Tot Ion: 77 Resp: 85462

Ion Ratio Lower Upper

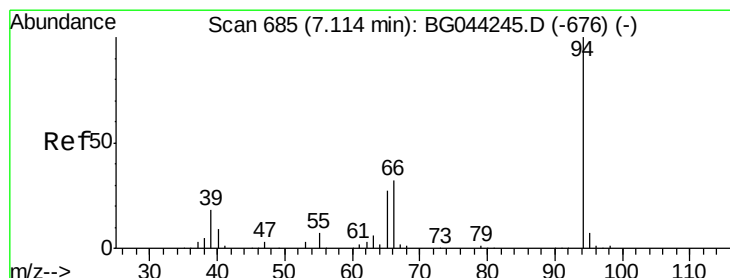
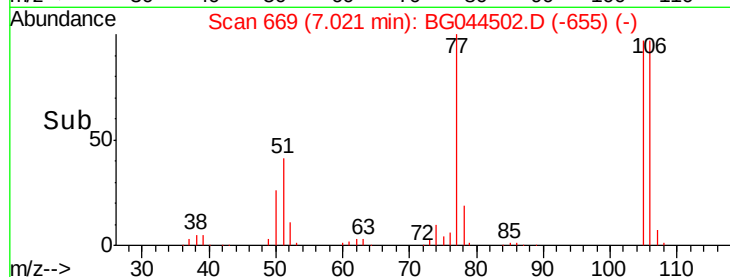
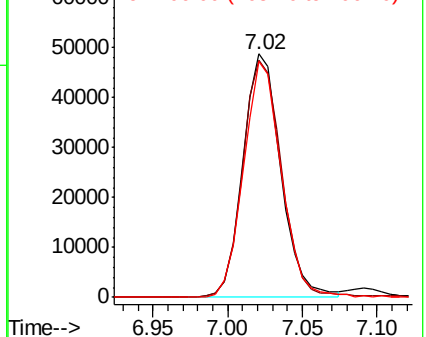
77 100

105 97.3 82.0 122.0

106 96.7 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: 53.314 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

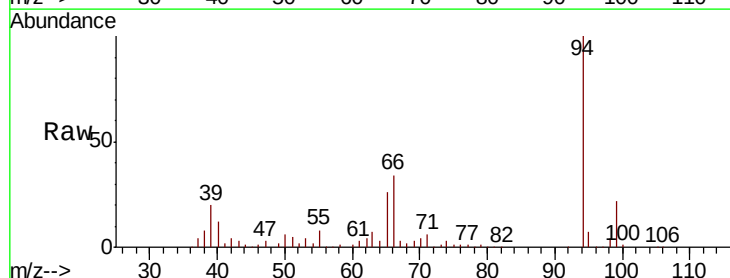
Tgt Ion: 94 Resp: 248048

Ion Ratio Lower Upper

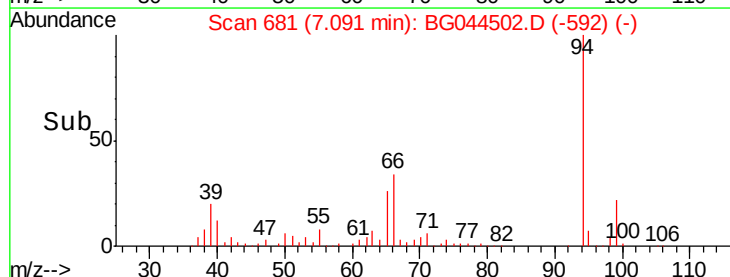
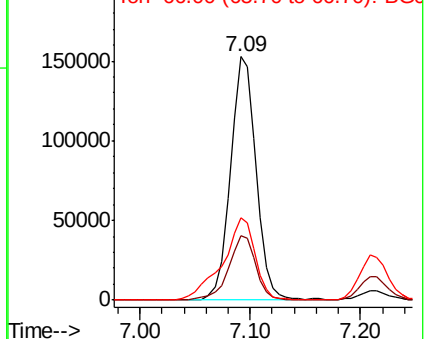
94 100

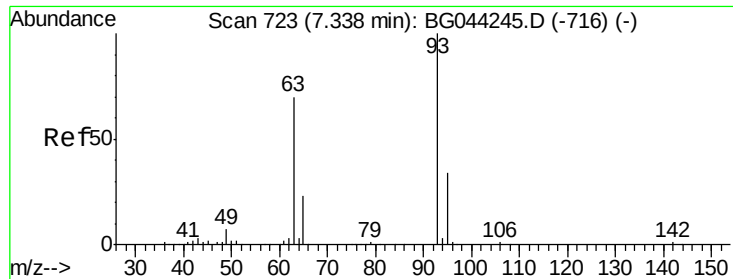
65 26.4 7.0 47.0

66 33.7 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

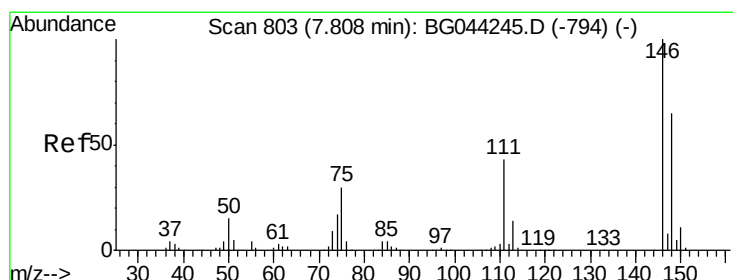
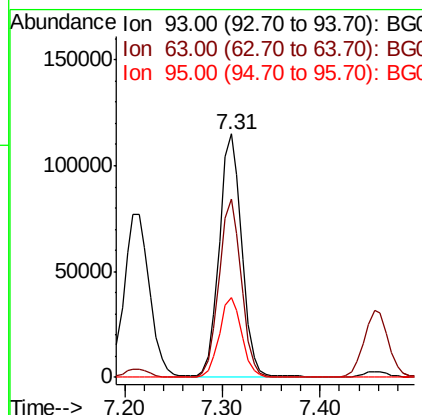
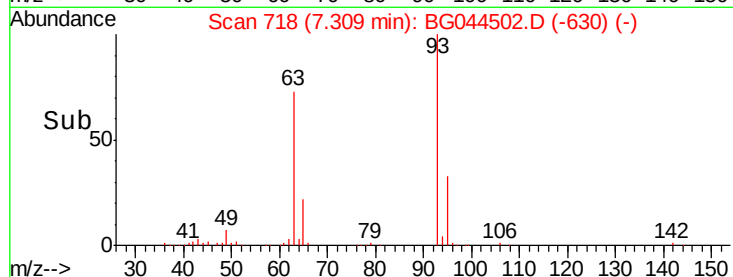
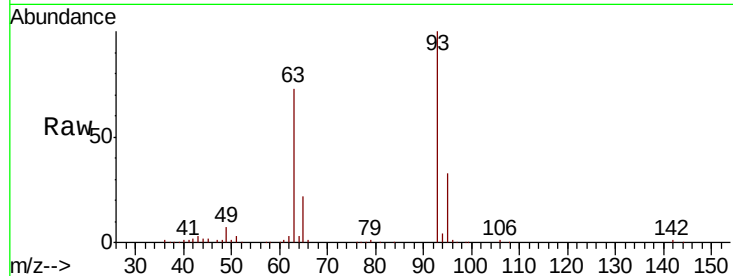




#11
bis(2-Chloroethyl)ether
Concen: 46.314 ng
RT: 7.31 min Scan# 718
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

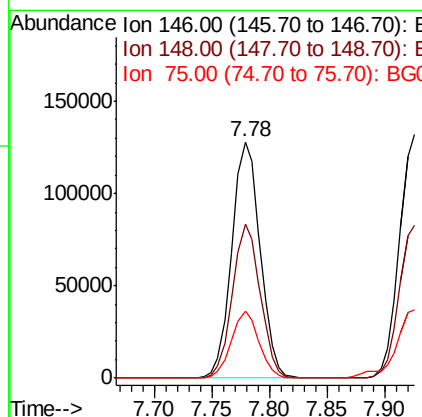
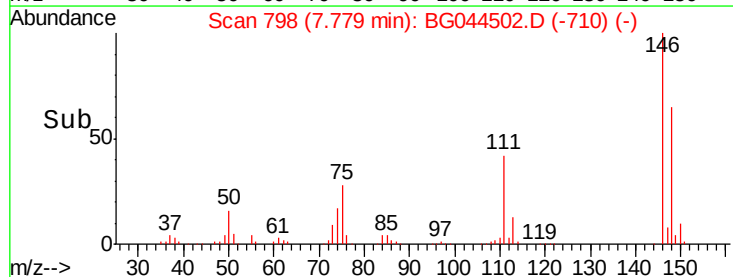
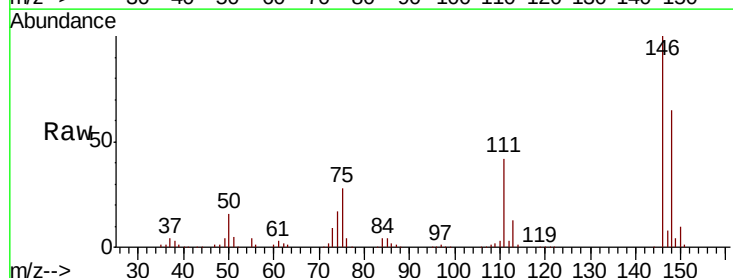
Instrument :
BNA_G
ClientSampleId :

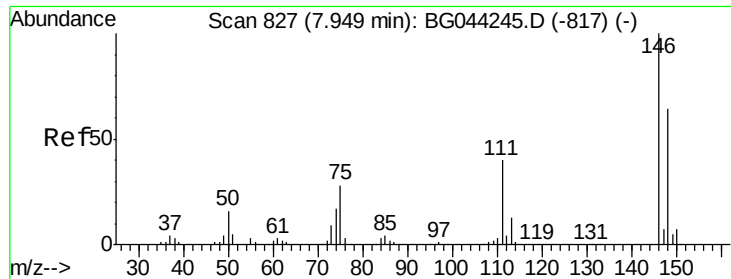
Tot Ion: 93 Resp: 184220
Ion Ratio Lower Upper
93 100
63 73.4 49.2 89.2
95 32.6 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 47.234 ng
RT: 7.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

Tgt Ion: 146 Resp: 216986
Ion Ratio Lower Upper
146 100
148 65.3 51.8 77.8
75 28.3 23.7 35.5

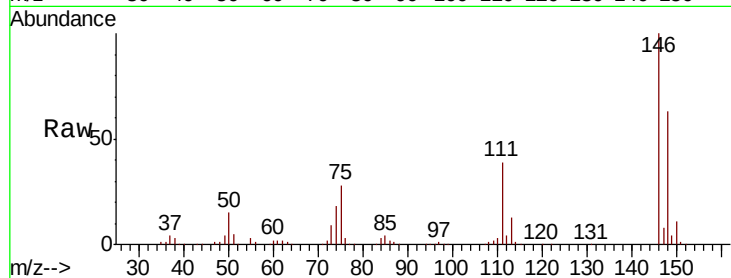




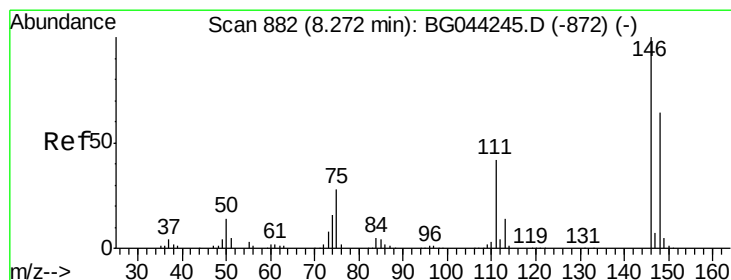
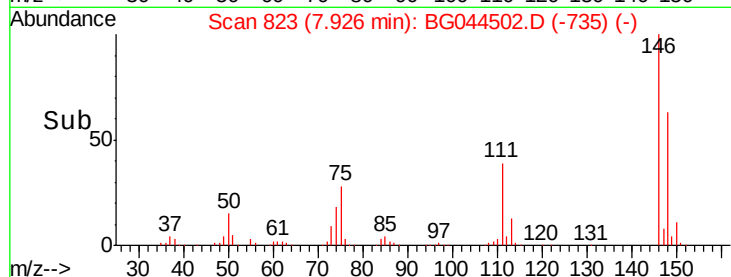
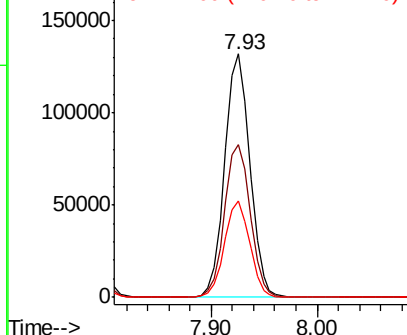
#13
 1,4-Dichlorobenzene
 Concen: 47.809 ng
 RT: 7.93 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BG044502.D
 Acq: 19 Feb 2020 23:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 217528
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.4 77.0
 111 39.4 31.8 47.8

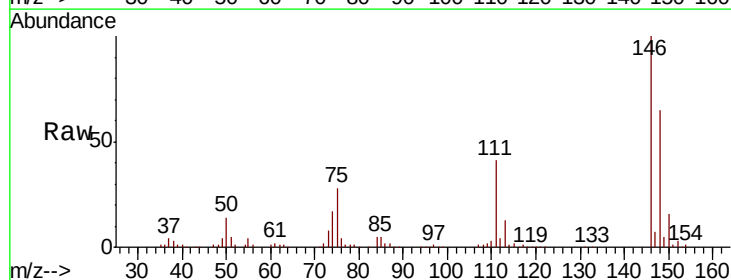


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

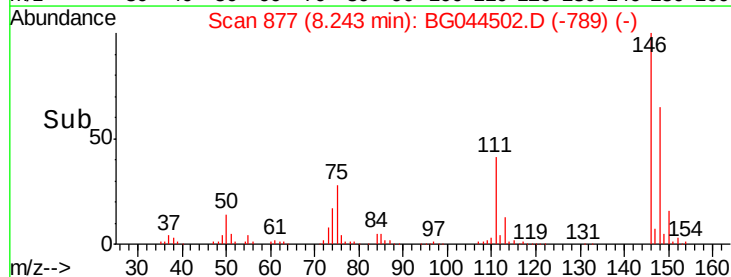
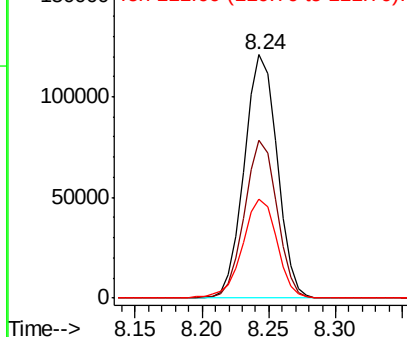


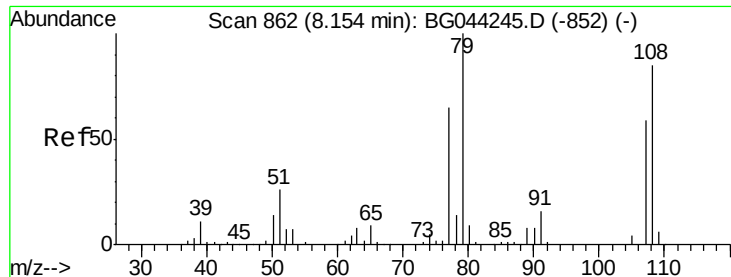
#14
 1,2-Dichlorobenzene
 Concen: 47.865 ng
 RT: 8.24 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BG044502.D
 Acq: 19 Feb 2020 23:21

Tgt Ion:146 Resp: 205847
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.2 76.8
 111 40.8 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: 49.585 ng

RT: 8.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

Instrument :

BNA_G

ClientSampleId :

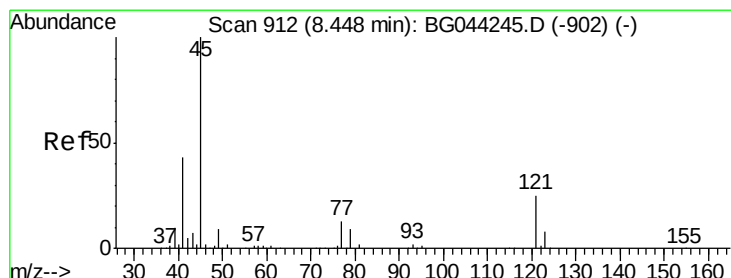
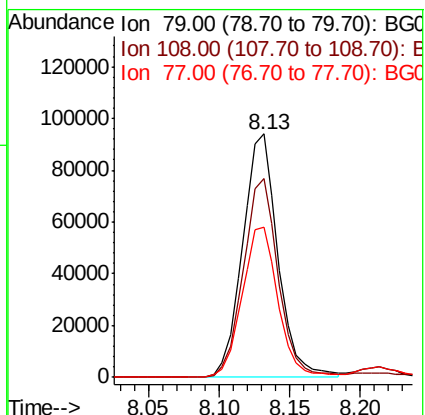
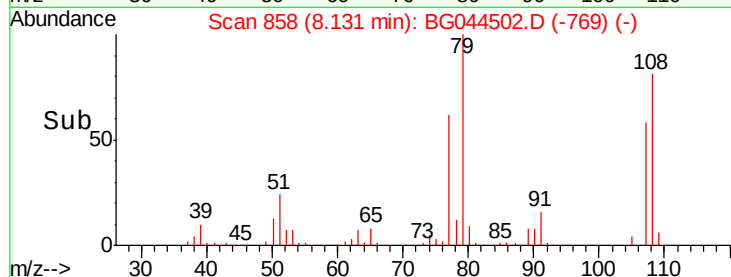
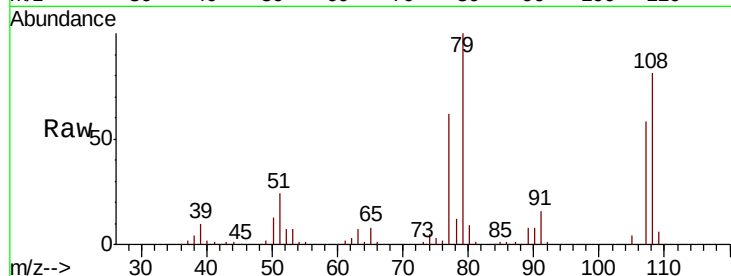
Tot Ion: 79 Resp: 165035

Ion Ratio Lower Upper

79 100

108 81.4 68.3 102.5

77 61.6 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.997 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

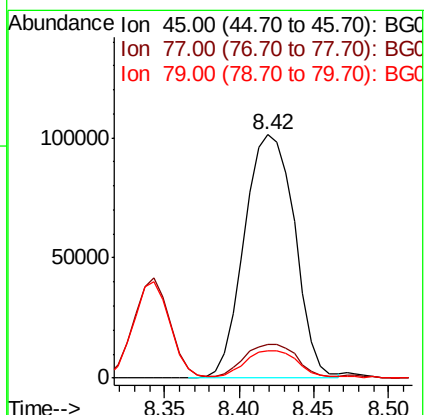
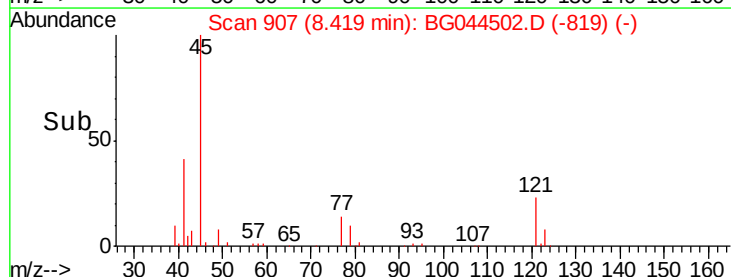
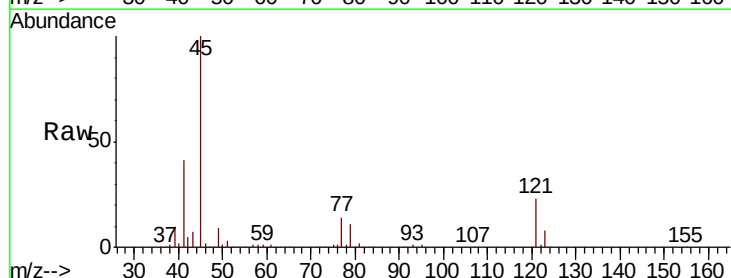
Tgt Ion: 45 Resp: 236867

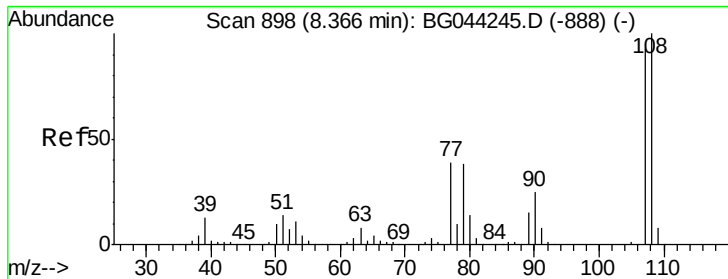
Ion Ratio Lower Upper

45 100

77 14.1 0.0 35.2

79 11.0 0.0 31.1





#17

2-Methylphenol

Concen: 49.924 ng

RT: 8.34 min Scan# 894

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 165722

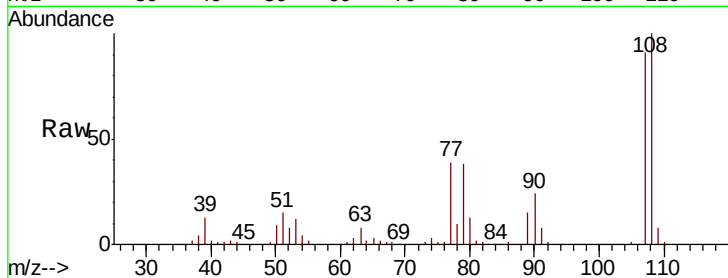
Ion Ratio Lower Upper

107 100

108 109.4 86.4 129.6

77 43.0 34.0 51.0

79 41.5 32.9 49.3

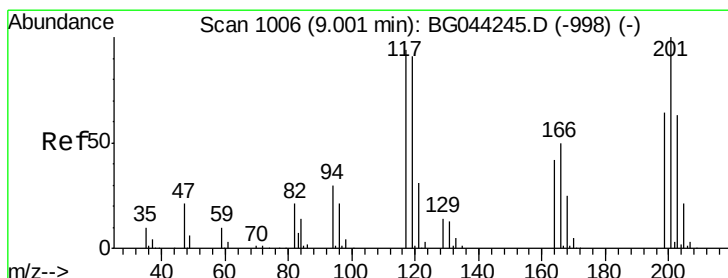
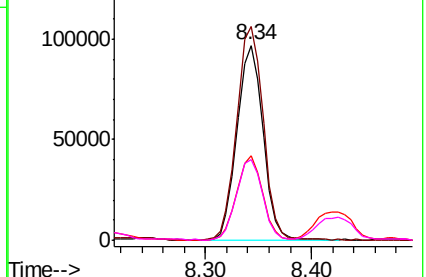
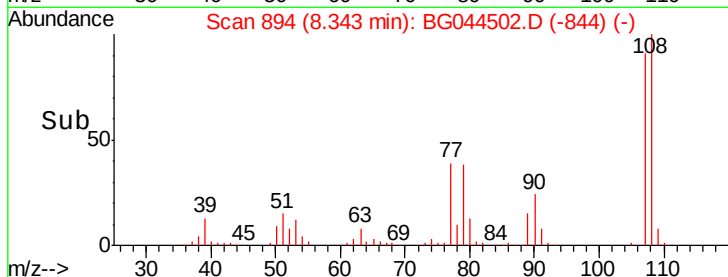


Abundance Ion 107.00 (106.70 to 107.70): E

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: 46.360 ng

RT: 8.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

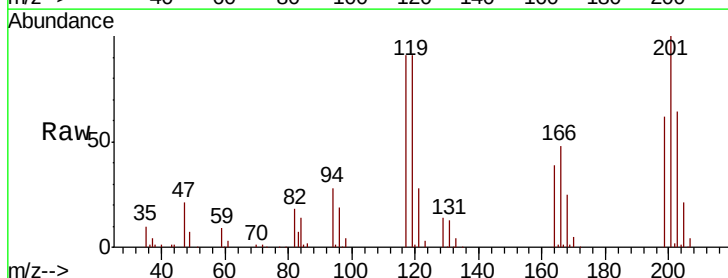
Tgt Ion:117 Resp: 79153

Ion Ratio Lower Upper

117 100

119 100.8 77.5 116.3

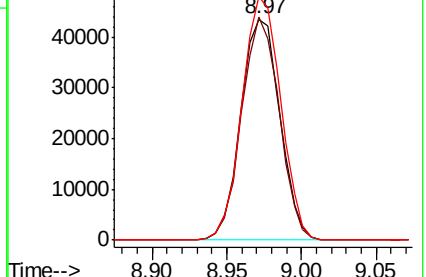
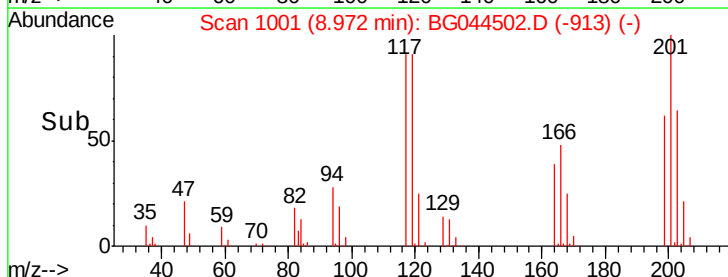
201 110.2 84.9 127.3

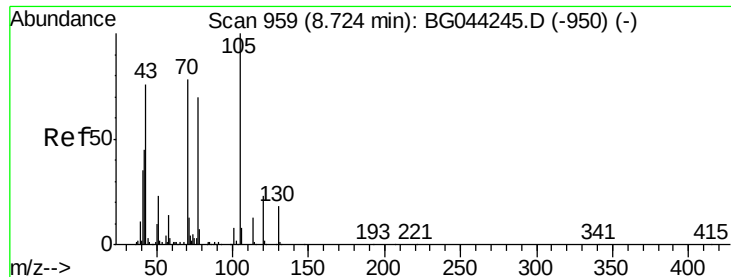


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

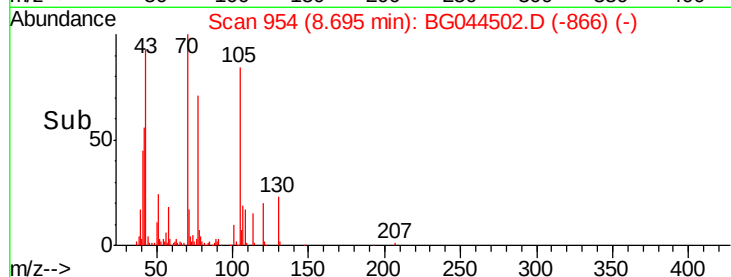
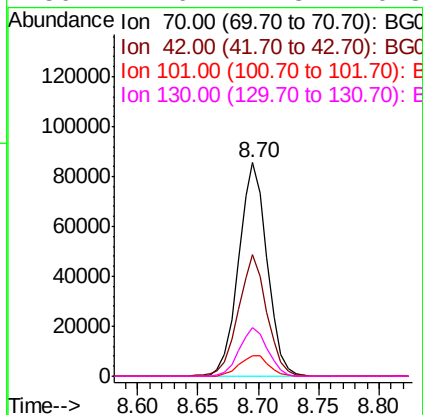
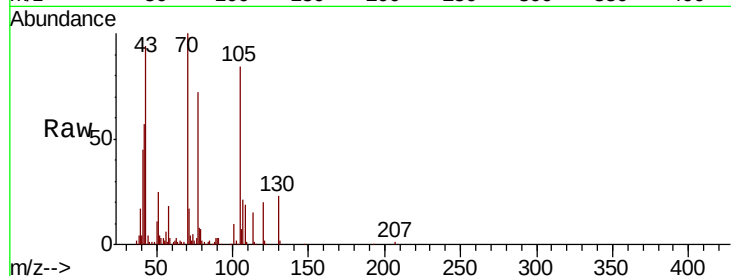




#19
n-Nitroso-di-n-propylamine
Concen: 44.659 ng
RT: 8.70 min Scan# 954
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

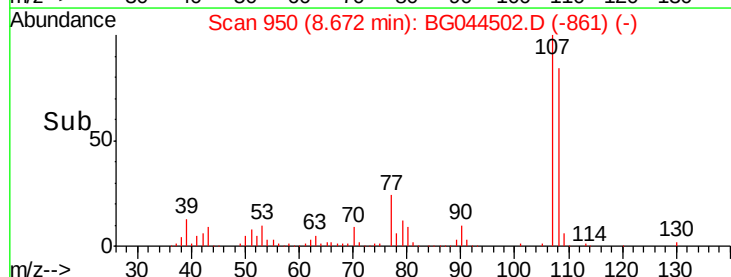
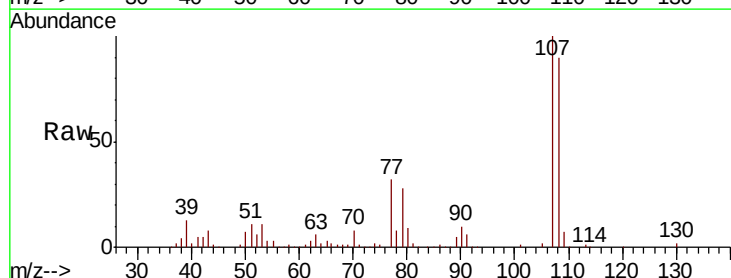
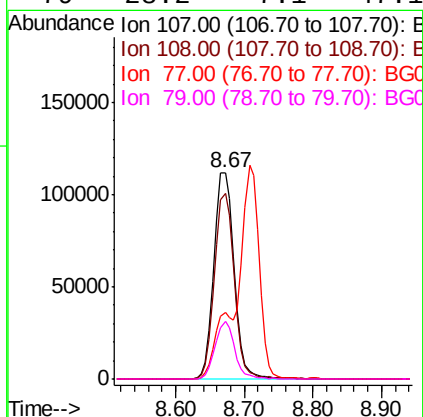
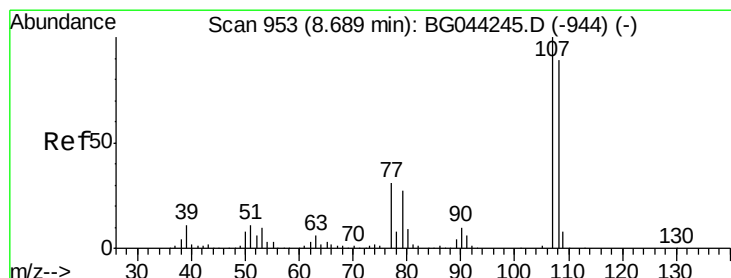
Instrument :
BNA_G
ClientSampleId :

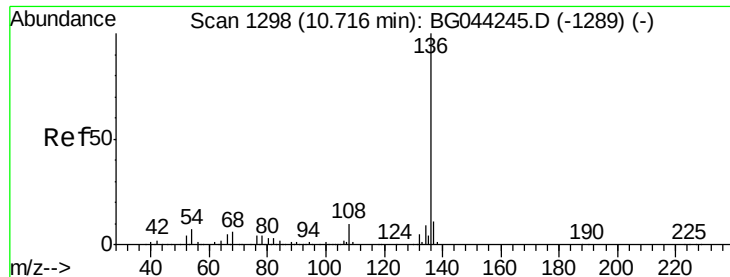
Tot Ion:	70	Resp:	139921
Ion	Ratio	Lower	Upper
70	100		
42	56.7	46.2	69.2
101	9.7	8.4	12.6
130	22.6	17.8	26.8



#20
3+4-Methylphenols
Concen: 50.080 ng
RT: 8.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

Tgt Ion:	107	Resp:	229107
Ion	Ratio	Lower	Upper
107	100		
108	89.7	68.5	108.5
77	32.5	10.9	50.9
79	28.2	7.1	47.1

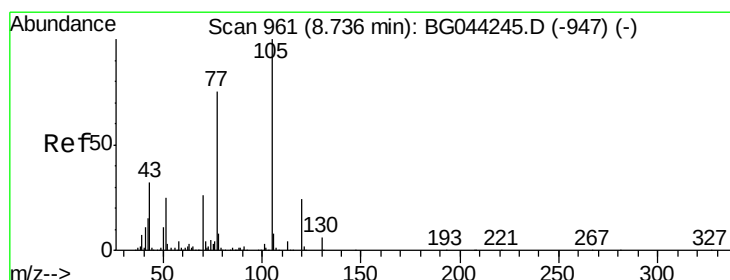
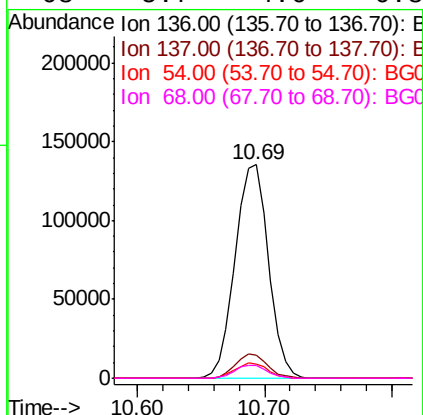
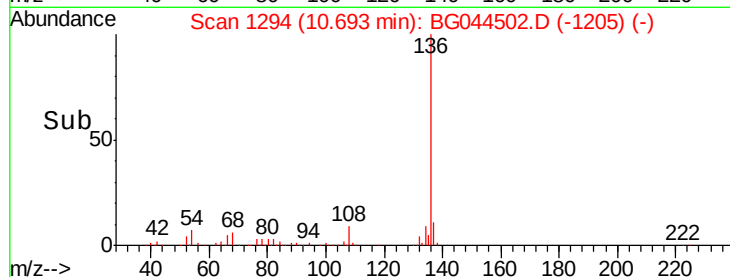
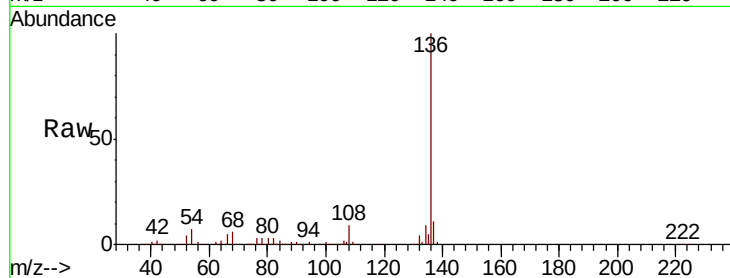




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

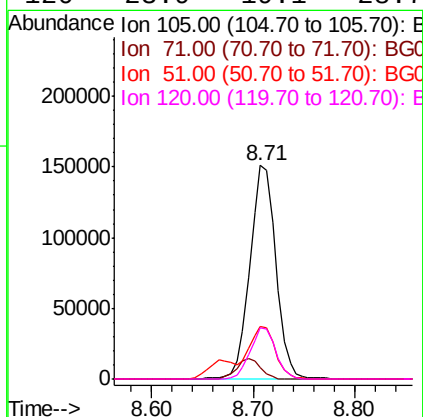
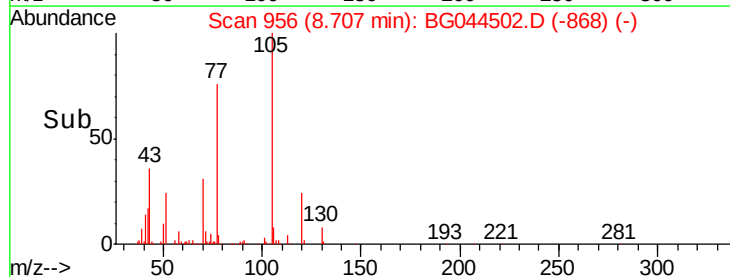
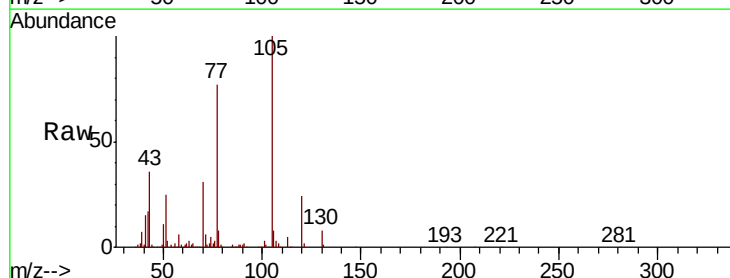
Instrument :
BNA_G
ClientSampleId :

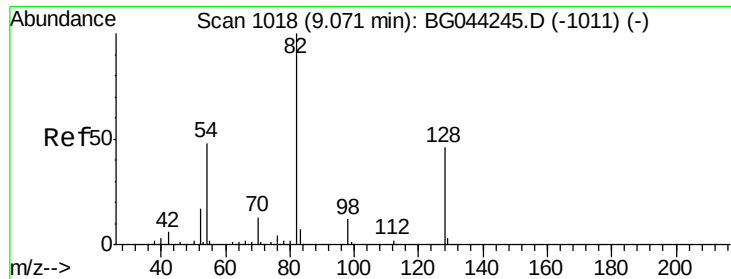
Tot Ion:136	Resp:	247450
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.8 13.2
54	6.6	5.8 8.8
68	5.7	4.6 6.8



#22
Acetophenone
Concen: 44.544 ng
RT: 8.71 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

Tgt Ion:105	Resp:	268142
Ion Ratio	Lower	Upper
105	100	
71	5.6	3.4 5.0#
51	24.8	20.2 30.4
120	23.9	19.1 28.7

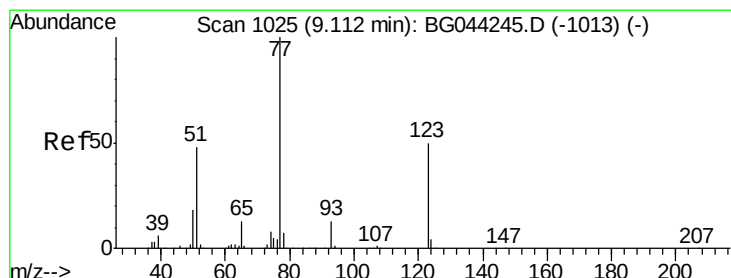
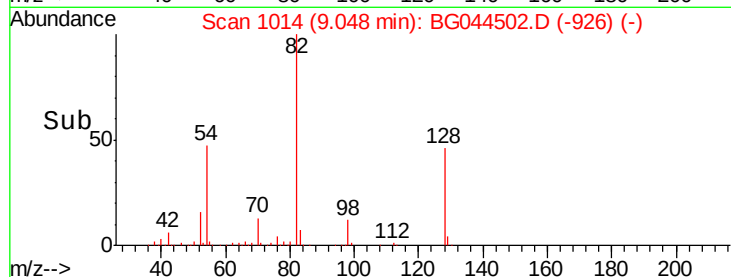
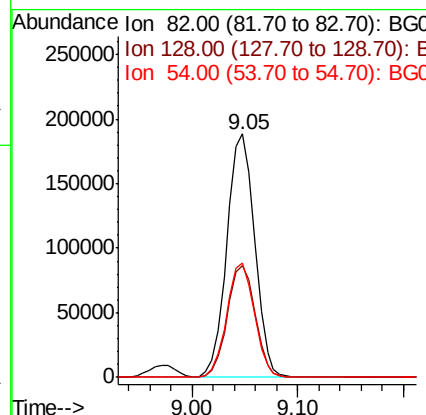
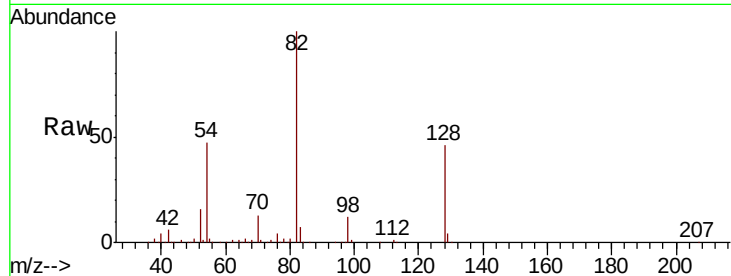




#23
 Nitrobenzene-d5
 Concen: 78.482 ng
 RT: 9.05 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BG044502.D
 Acq: 19 Feb 2020 23:21

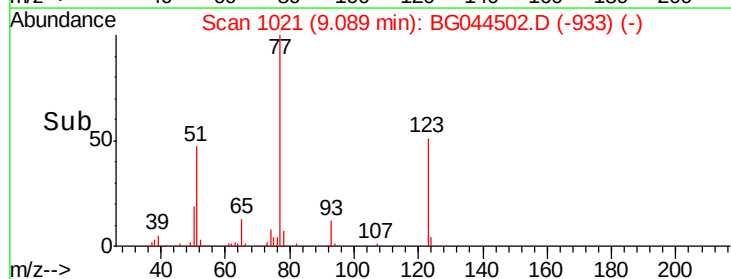
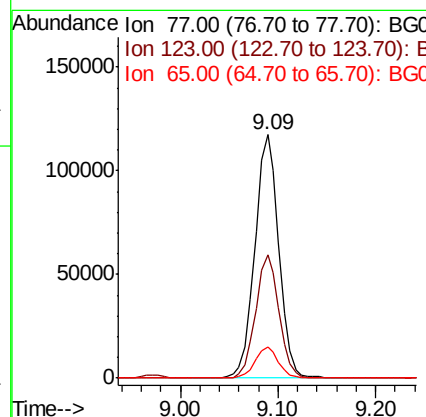
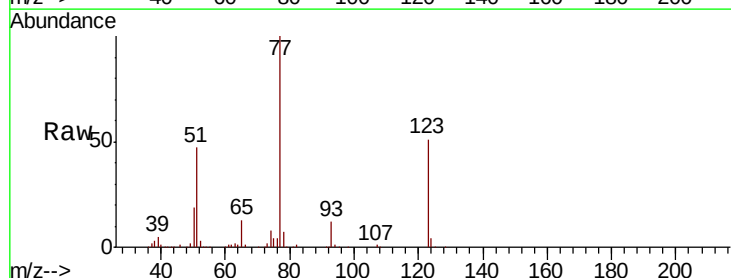
Instrument :
 BNA_G
 ClientSampled :

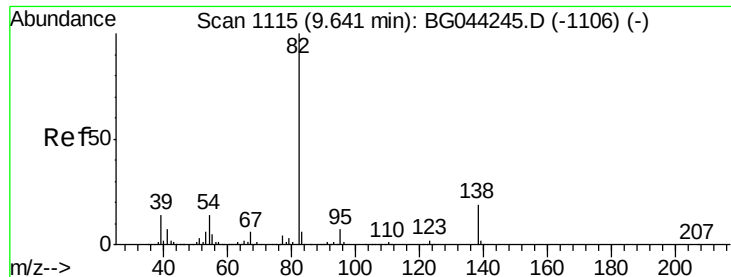
Tot Ion	82	Resp	343990
Ion Ratio	100	Lower	Upper
128	46.1	36.5	54.7
54	46.8	38.6	58.0



#24
 Nitrobenzene
 Concen: 47.318 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BG044502.D
 Acq: 19 Feb 2020 23:21

Tgt Ion	77	Resp	202470
Ion Ratio	100	Lower	Upper
123	50.6	39.9	59.9
65	12.6	10.4	15.6





#25

Isophorone

Concen: 48.054 ng

RT: 9.61 min Scan# 1110

Delta R.T. -0.02 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

Instrument :

BNA_G

ClientSampleId :

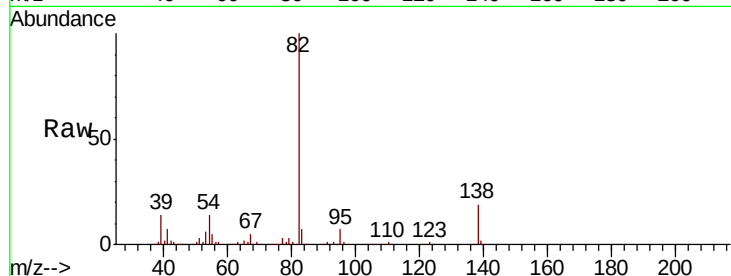
Tot Ion: 82 Resp: 392572

Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

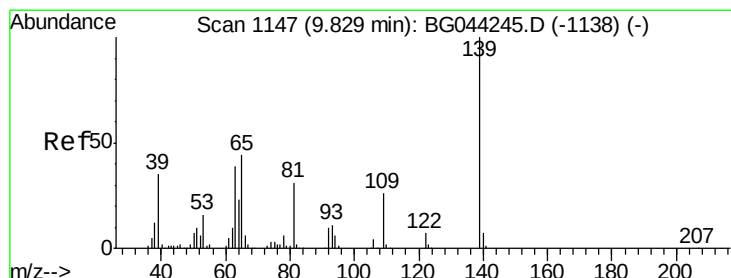
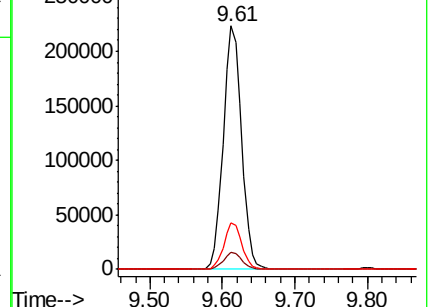
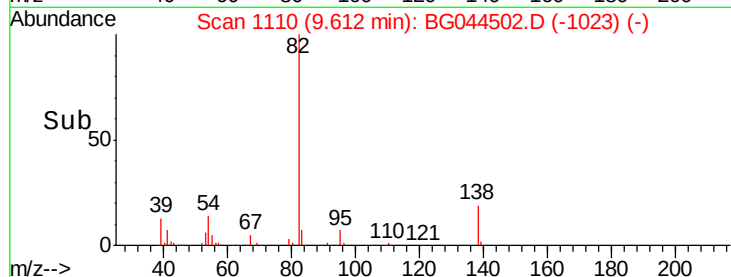
138 18.9 15.0 22.4



Abundance Ion 82.00 (81.70 to 82.70): BG044502.D (-1023) (-)

Ion 95.00 (94.70 to 95.70): BG044502.D (-1023) (-)

Ion 138.00 (137.70 to 138.70): BG044502.D (-1023) (-)



#26

2-Nitrophenol

Concen: 52.528 ng

RT: 9.80 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

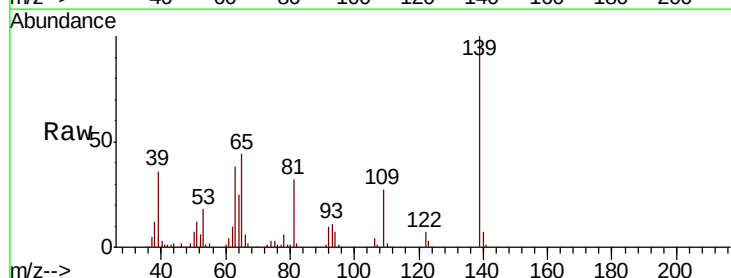
Tgt Ion: 139 Resp: 116627

Ion Ratio Lower Upper

139 100

109 27.0 21.0 31.4

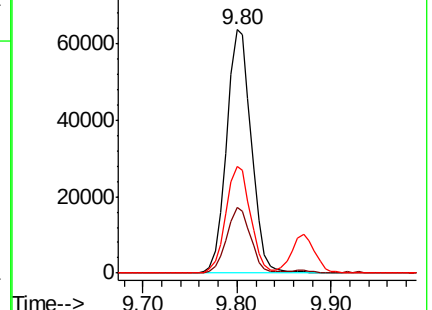
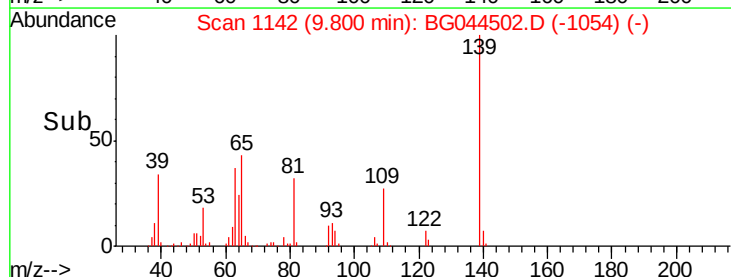
65 43.9 35.0 52.4

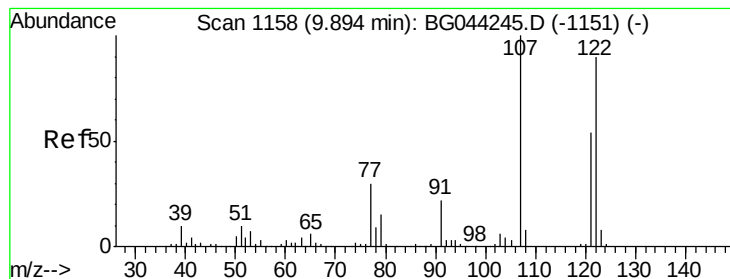


Abundance Ion 139.00 (138.70 to 139.70): BG044502.D (-1054) (-)

Ion 109.00 (108.70 to 109.70): BG044502.D (-1054) (-)

Ion 65.00 (64.70 to 65.70): BG044502.D (-1054) (-)





#27

2,4-Dimethylphenol

Concen: 59.549 ng

RT: 9.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

Instrument :

BNA_G

ClientSampleId :

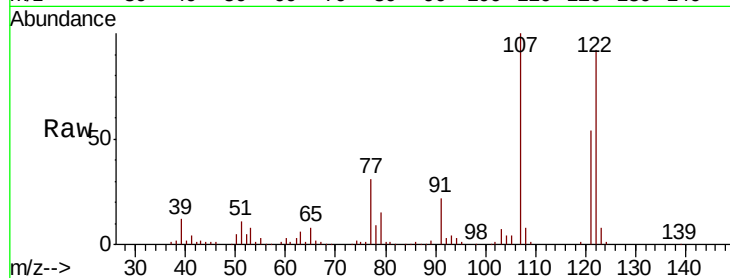
Tot Ion:122 Resp: 186637

Ion Ratio Lower Upper

122 100

107 109.2 88.8 133.2

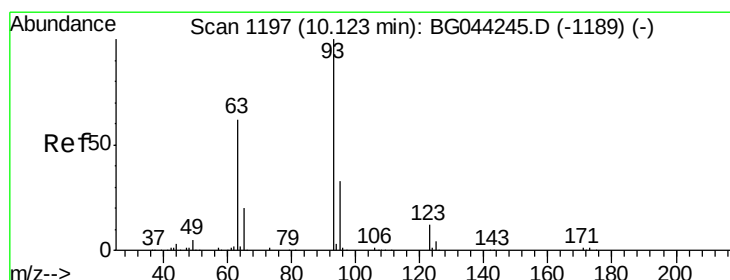
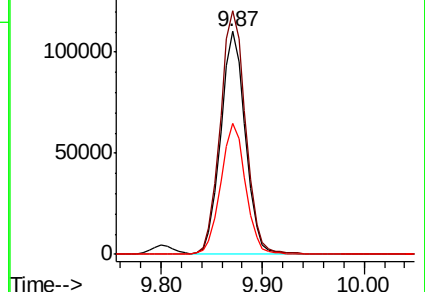
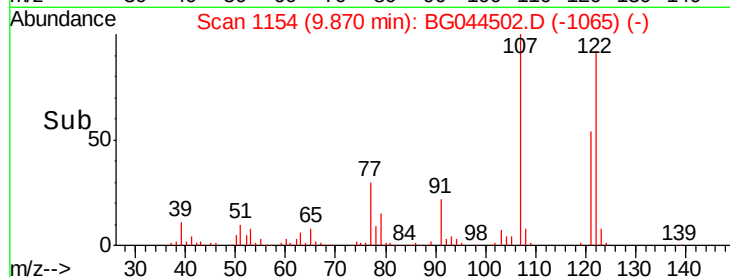
121 58.6 48.3 72.5



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: 44.561 ng

RT: 10.10 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

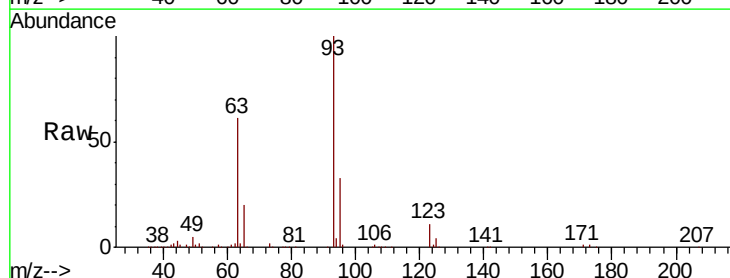
Tgt Ion: 93 Resp: 242850

Ion Ratio Lower Upper

93 100

95 33.3 26.6 40.0

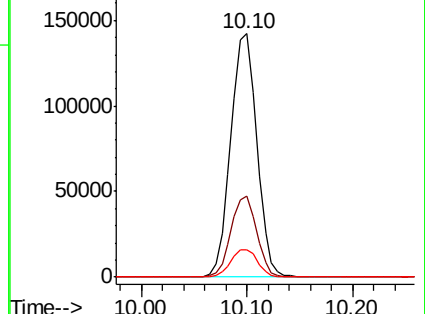
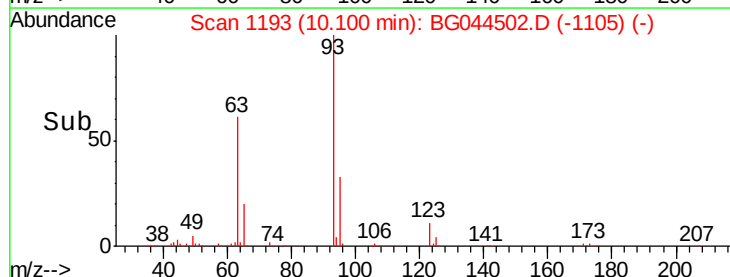
123 11.3 10.0 15.0

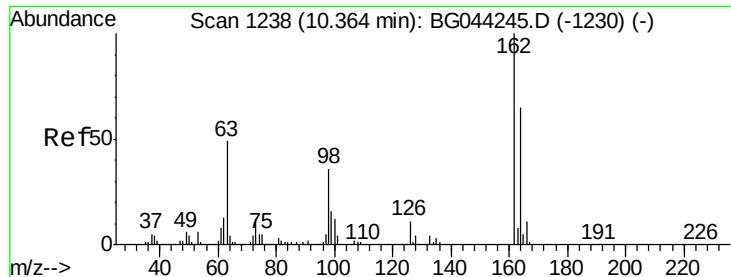


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

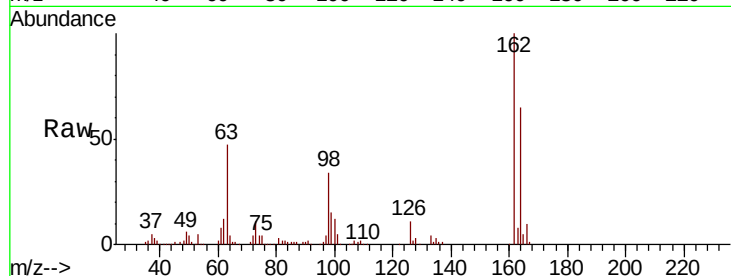




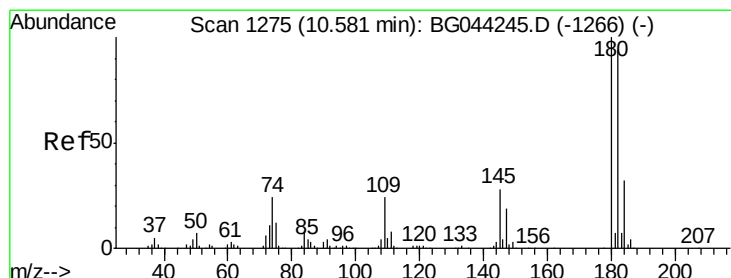
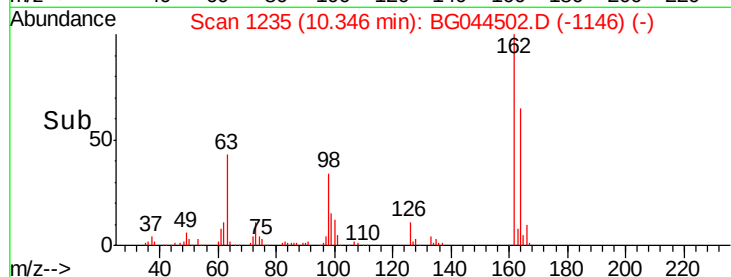
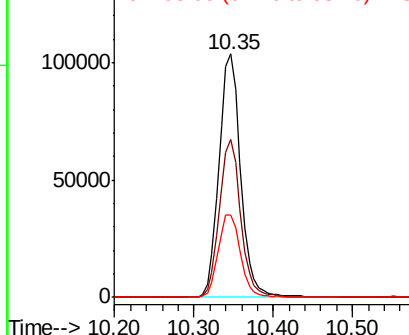
#29
2,4-Dichlorophenol
Concen: 52.010 ng
RT: 10.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.7	84.7
98	33.7	15.8	55.8

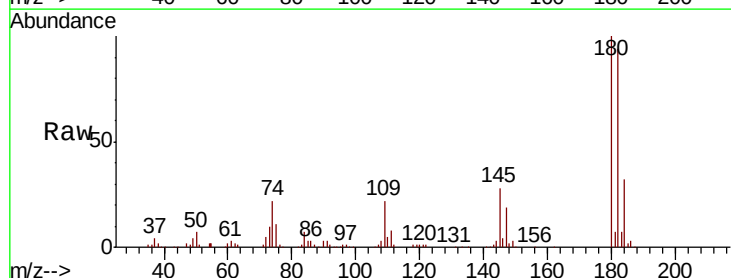


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

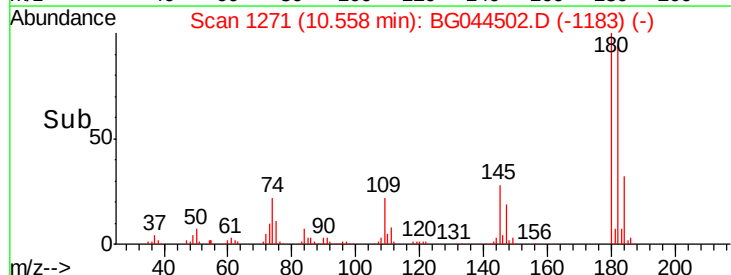
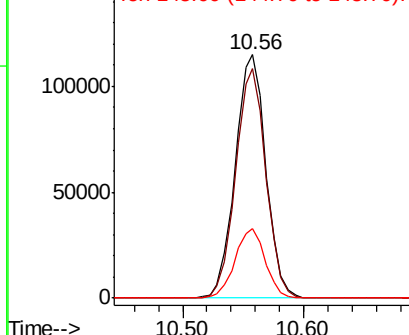


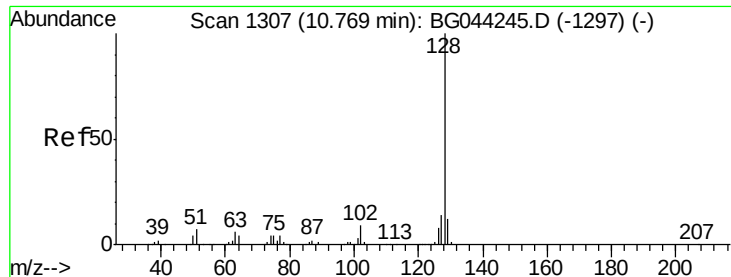
#30
1,2,4-Trichlorobenzene
Concen: 46.586 ng
RT: 10.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.5	113.3
145	28.3	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

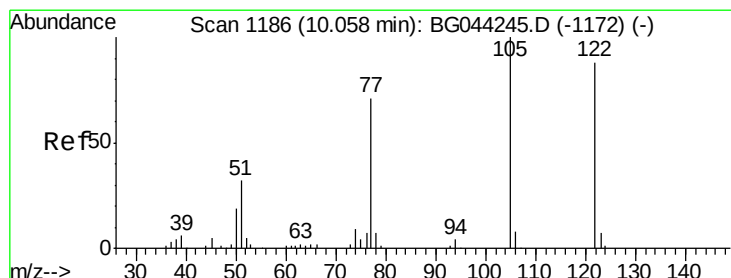
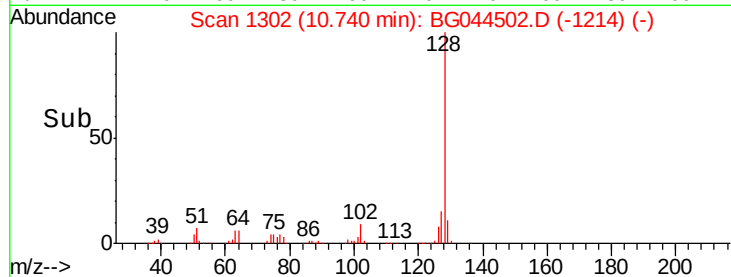
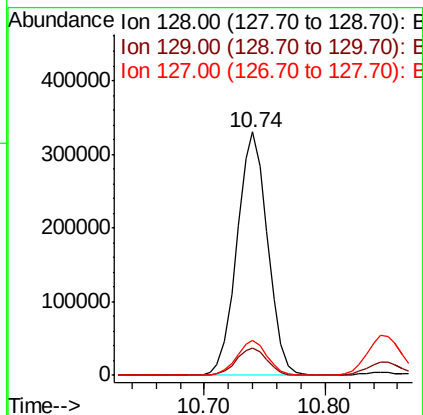
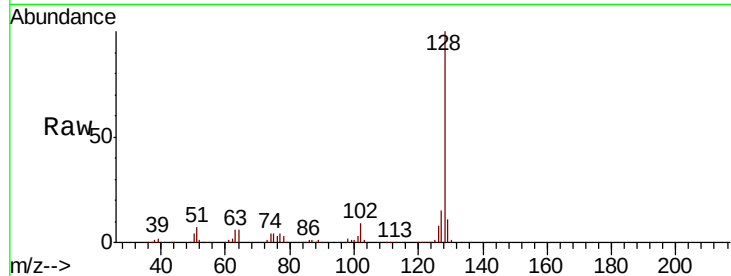




#31
Naphthalene
Concen: 48.363 ng
RT: 10.74 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

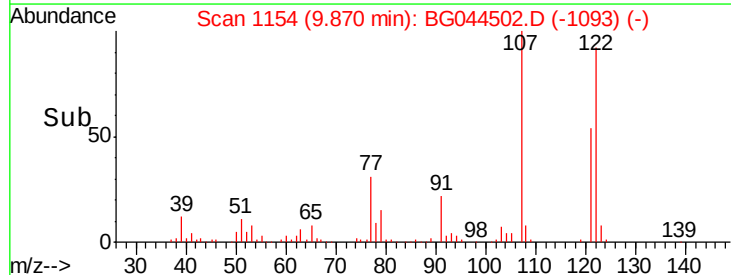
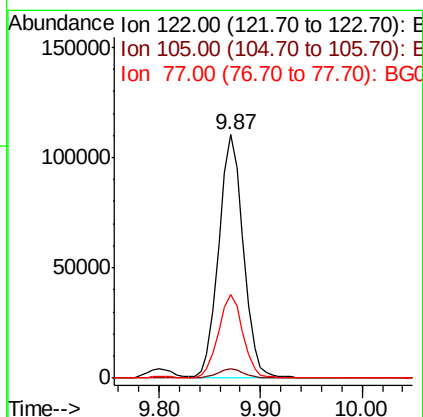
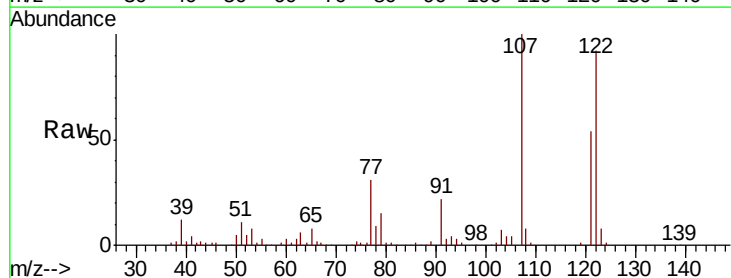
Instrument :
BNA_G
ClientSampleId :

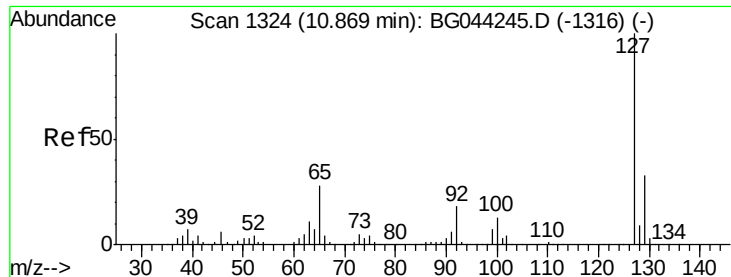
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.3	13.9
127	14.6	11.6	17.4



#32
Benzoic acid
Concen: 77.887 ng
RT: 9.87 min Scan# 1154
Delta R.T. -0.17 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	3.9	93.5	133.5#
77	34.2	61.0	101.0#

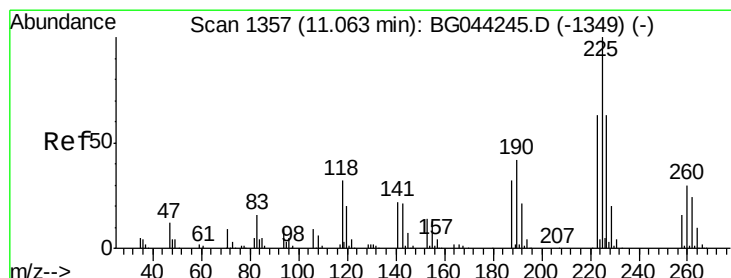
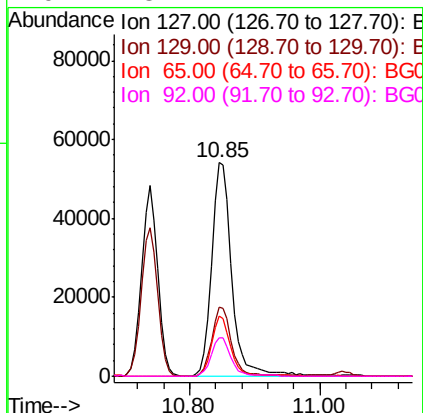
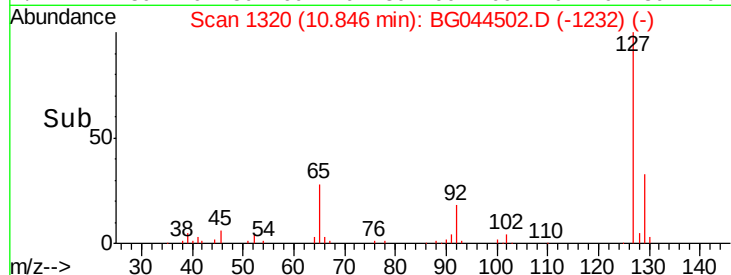
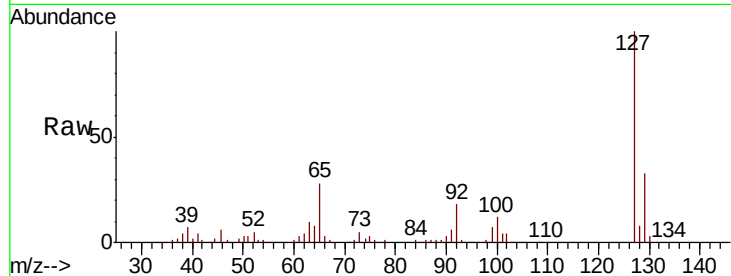




#33
4-Chloroaniline
Concen: 21.255 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

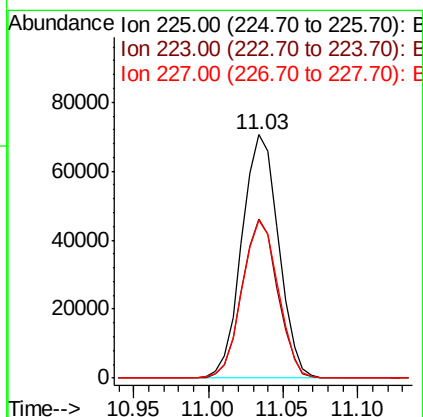
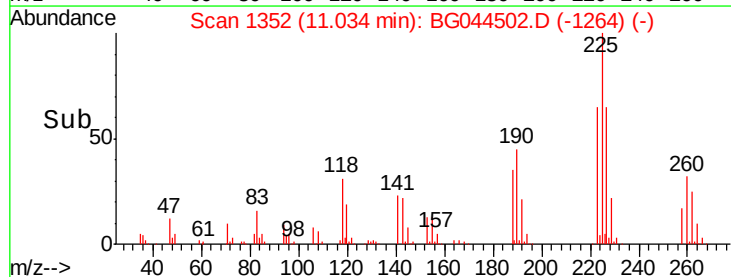
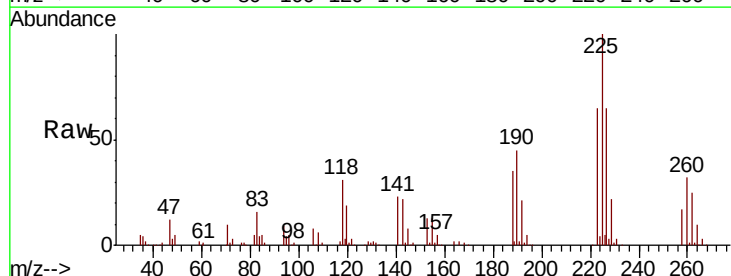
Instrument :
BNA_G
ClientSampleId :

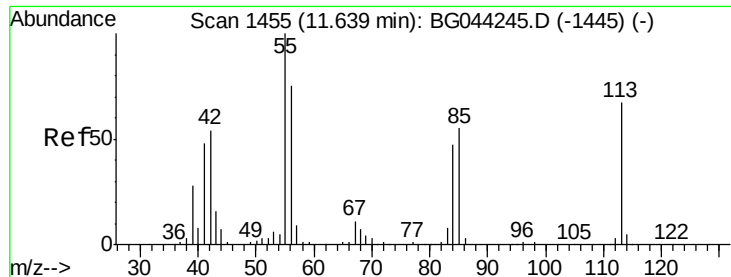
Tot Ion:	127	Resp:	116054
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.6	40.0
65	28.1	22.5	33.7
92	18.1	14.1	21.1



#34
Hexachlorobutadiene
Concen: 44.835 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

Tgt Ion:	225	Resp:	119884
Ion	Ratio	Lower	Upper
225	100		
223	65.4	50.2	75.4
227	64.8	50.8	76.2

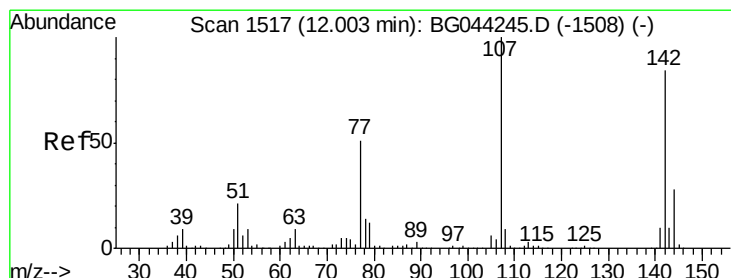
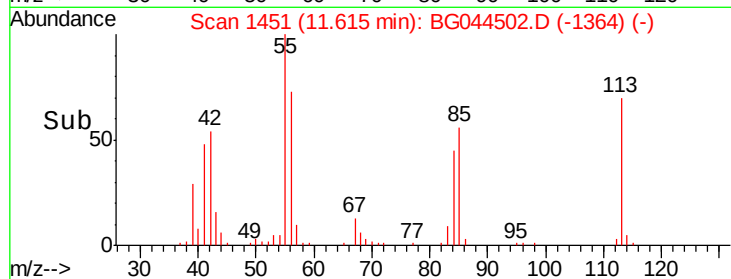
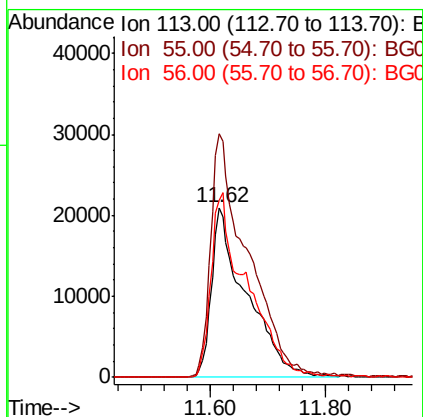
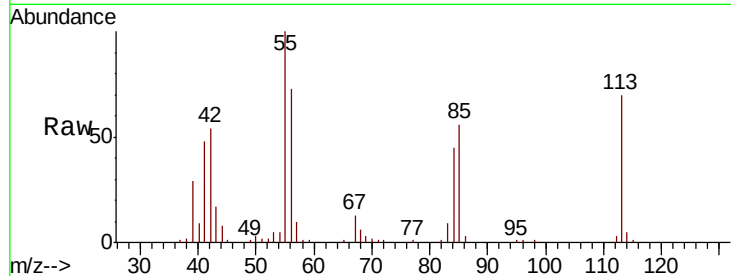




#35
 Caprolactam
 Concen: 63.138 ng
 RT: 11.62 min Scan# 1451
 Delta R.T. -0.02 min
 Lab File: BG044502.D
 Acq: 19 Feb 2020 23:21

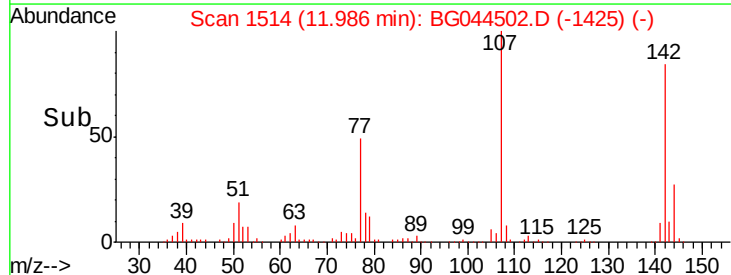
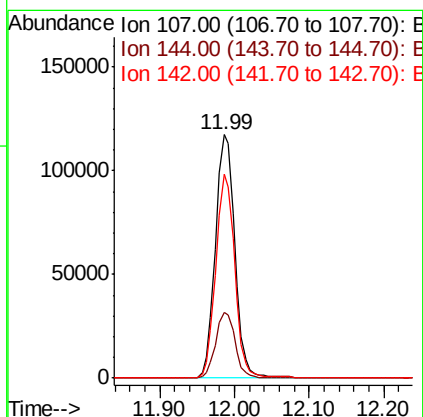
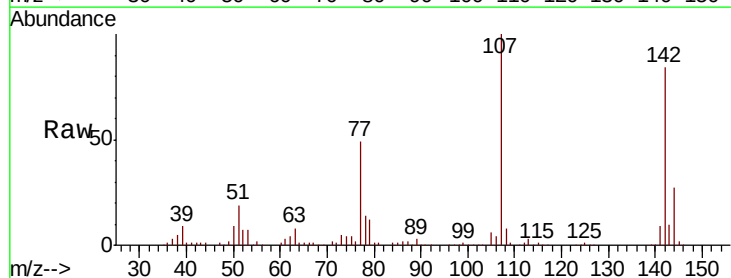
Instrument :
 BNA_G
 ClientSampleId :

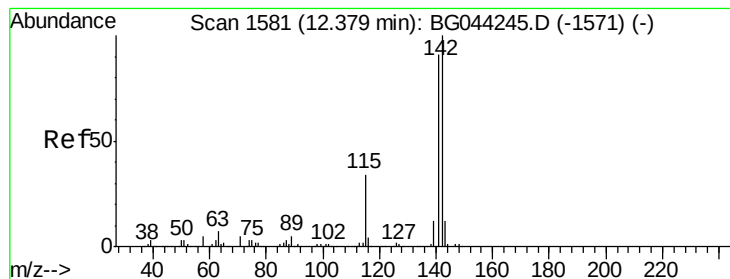
Tot Ion:113 Resp: 87651
 Ion Ratio Lower Upper
 113 100
 55 143.7 129.9 169.9
 56 104.4 92.5 132.5



#36
 4-Chloro-3-methylphenol
 Concen: 53.575 ng
 RT: 11.99 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BG044502.D
 Acq: 19 Feb 2020 23:21

Tgt Ion:107 Resp: 212873
 Ion Ratio Lower Upper
 107 100
 144 27.0 22.2 33.4
 142 83.6 67.4 101.0





#37

2-Methylnaphthalene

Concen: 48.073 ng

RT: 12.35 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

Instrument :

BNA_G

ClientSampleId :

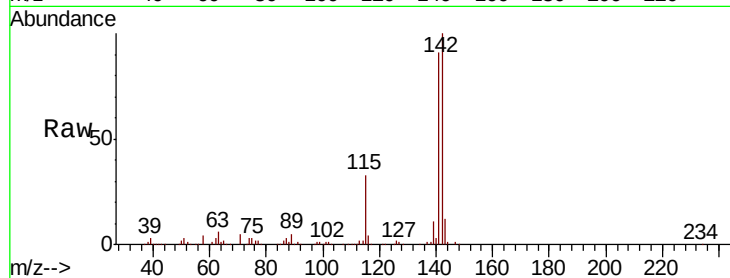
Tot Ion:142 Resp: 428510

Ion Ratio Lower Upper

142 100

141 91.4 73.2 109.8

115 33.5 27.1 40.7

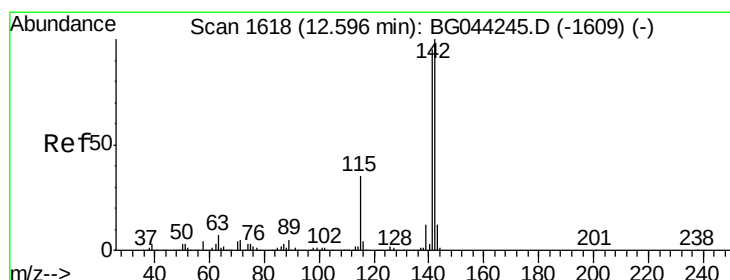
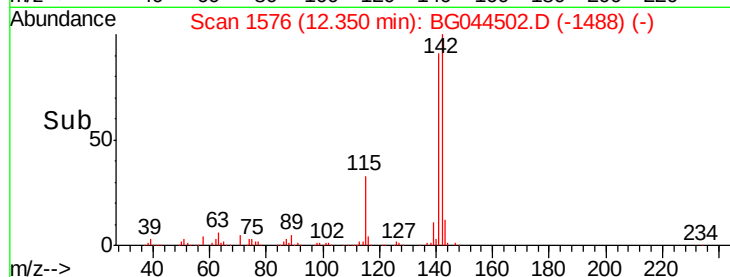
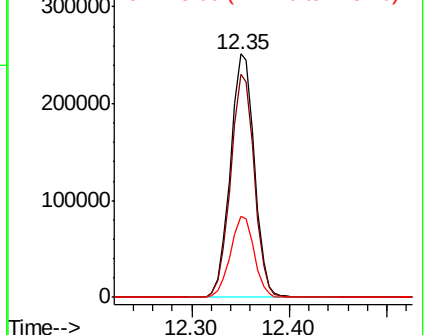


Abundance

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: 48.255 ng

RT: 12.57 min Scan# 1614

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

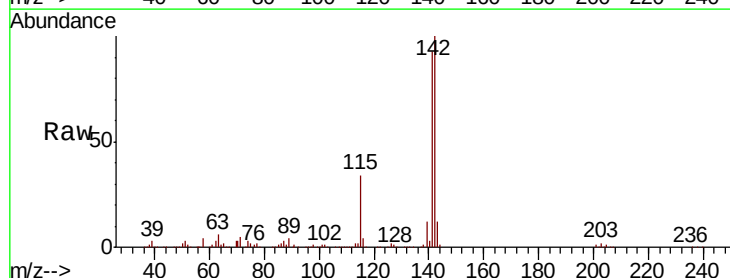
Tgt Ion:142 Resp: 405530

Ion Ratio Lower Upper

142 100

141 93.4 75.8 113.6

116 3.8 3.1 4.7

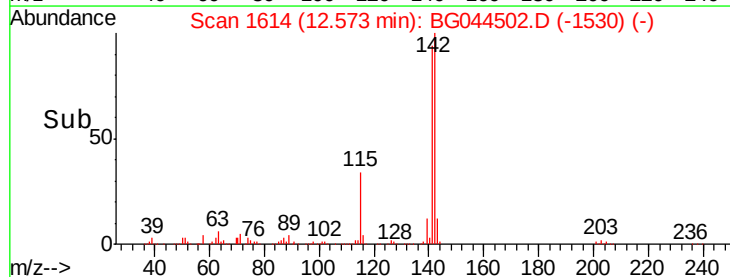
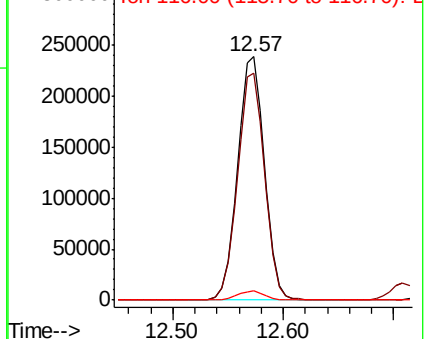


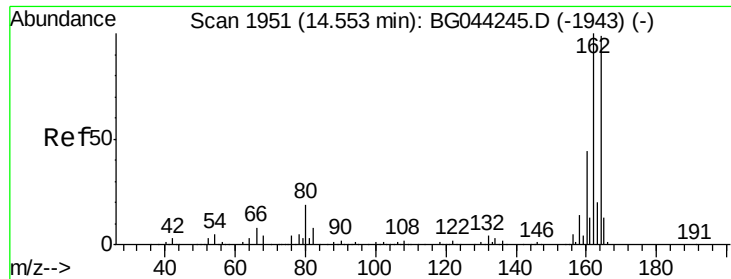
Abundance

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: BG044502.D

Acq: 19 Feb 2020 23:21

Instrument :

BNA_G

ClientSampleId :

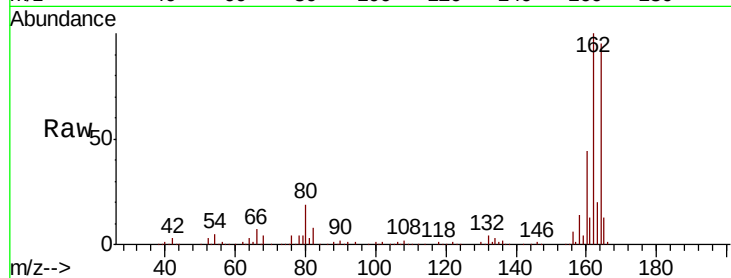
Tot Ion:164 Resp: 160803

Ion Ratio Lower Upper

164 100

162 105.8 80.7 121.1

160 46.0 35.3 52.9

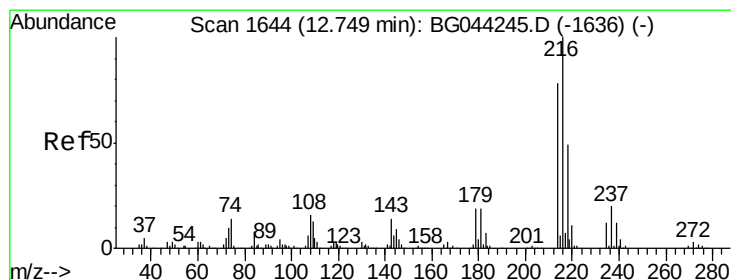
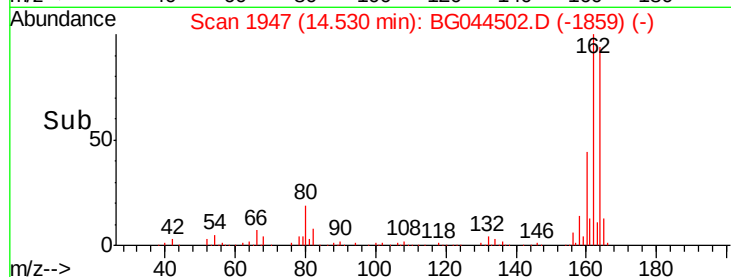
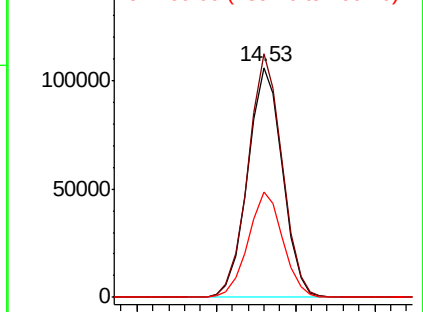


Abundance

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: 44.579 ng

RT: 12.73 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

Tgt Ion:216 Resp: 214430

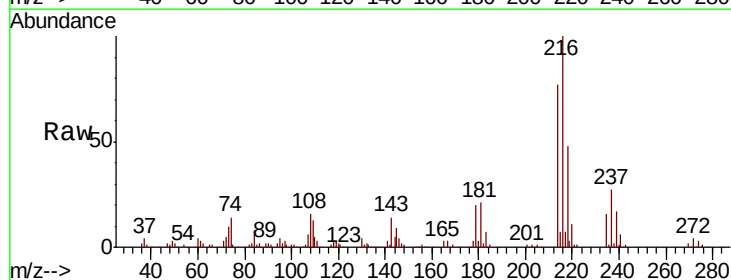
Ion Ratio Lower Upper

216 100

214 78.1 63.0 94.6

179 20.1 16.2 24.4

108 18.3 13.5 20.3



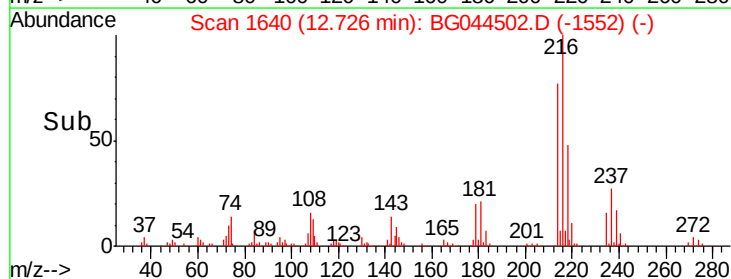
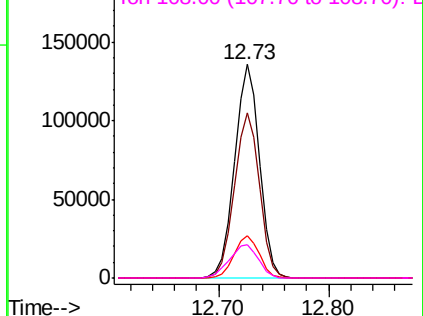
Abundance

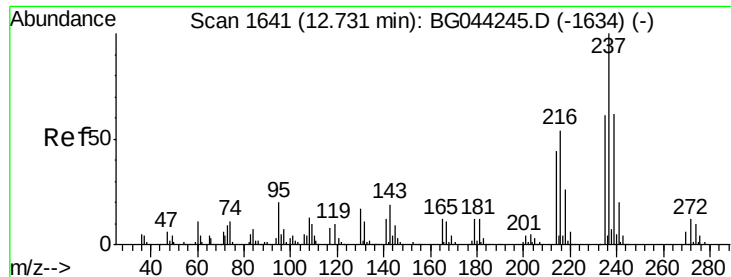
Ion 216.00 (215.70 to 216.70): E

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: 98.231 ng

RT: 12.71 min Scan# 1637

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

Instrument :

BNA_G

ClientSampleId :

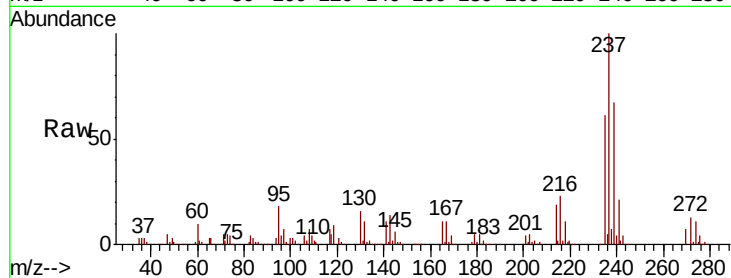
Tot Ion:237 Resp: 226723

Ion Ratio Lower Upper

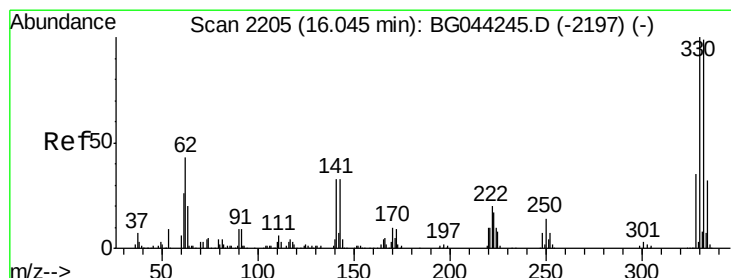
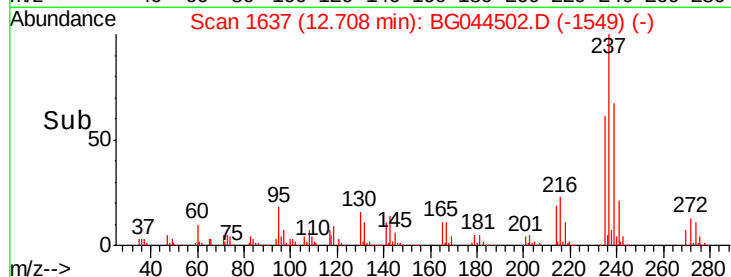
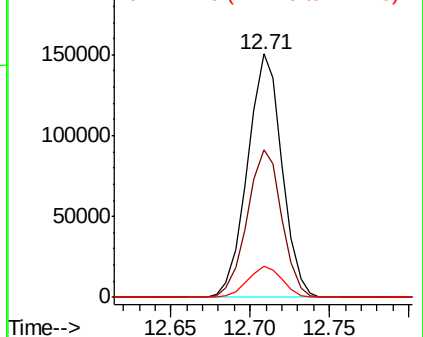
237 100

235 60.7 41.2 81.2

272 13.0 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: 136.536 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

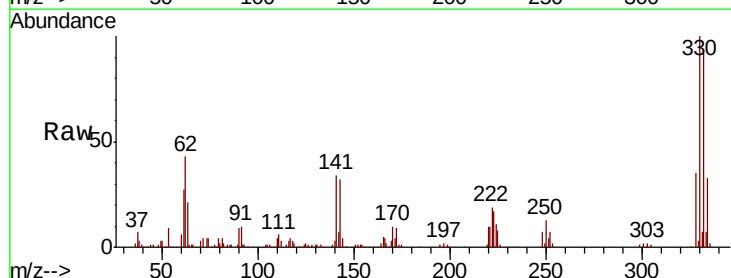
Tgt Ion:330 Resp: 257743

Ion Ratio Lower Upper

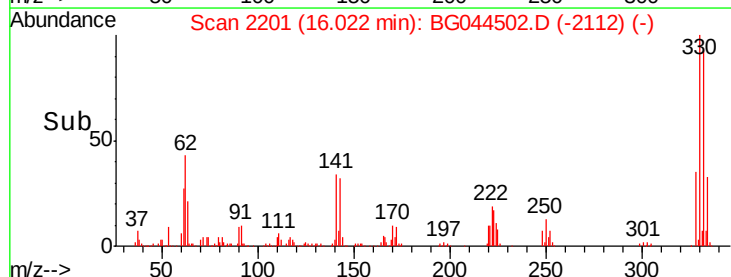
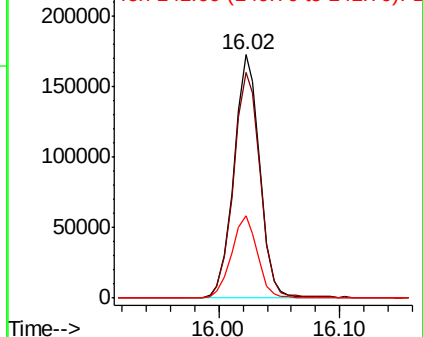
330 100

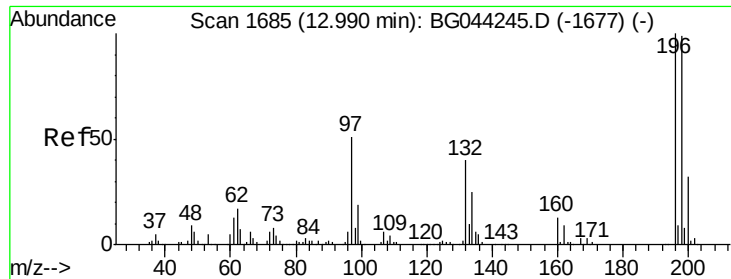
332 96.0 77.2 115.8

141 33.9 28.3 42.5



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

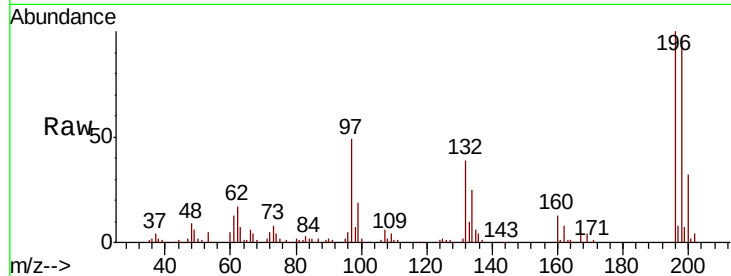




#43
 2,4,6-Trichlorophenol
 Concen: 52.162 ng
 RT: 12.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG044502.D
 Acq: 19 Feb 2020 23:21

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	162181
Ion	Ratio	Lower	Upper
196	100		
198	96.8	79.3	118.9
200	31.8	25.7	38.5

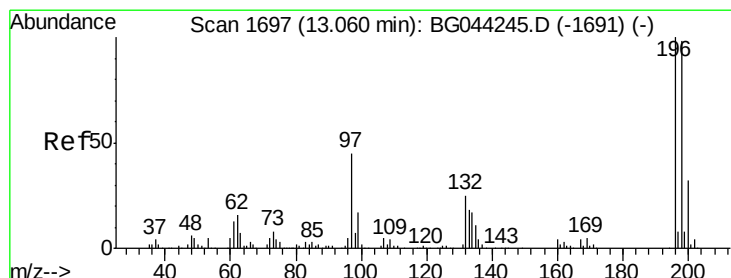
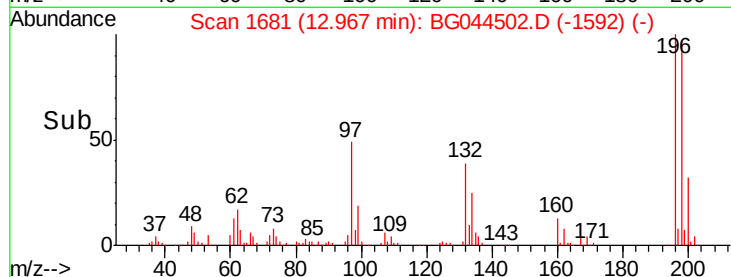
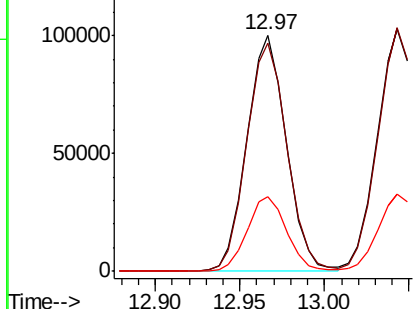


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 55.887 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. -0.01 min
 Lab File: BG044502.D
 Acq: 19 Feb 2020 23:21

Tgt Ion	196	Resp	177479
Ion	Ratio	Lower	Upper
196	100		
198	100.4	78.2	117.2
97	44.4	36.2	54.4
132	26.0	20.2	30.4

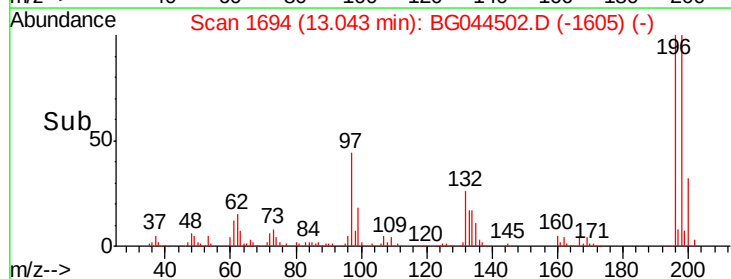
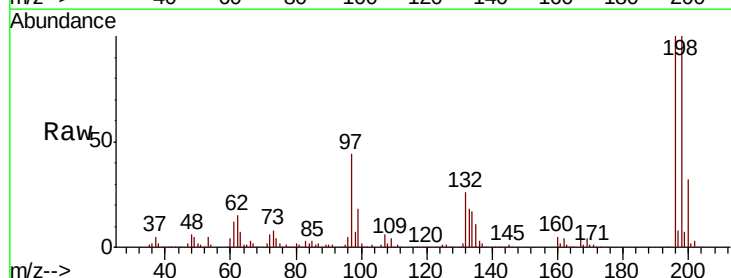
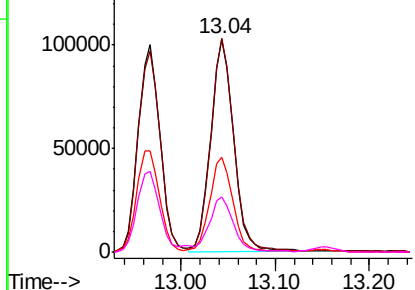
Abundance

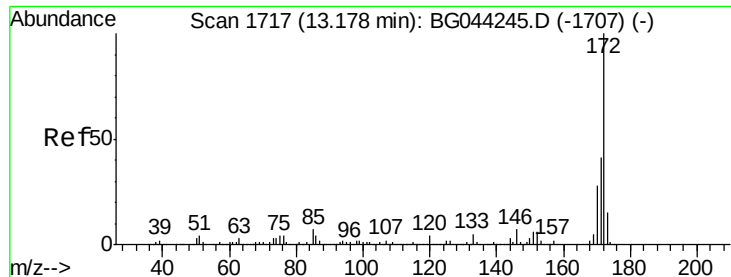
Ion 196.00 (195.70 to 196.70): E

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

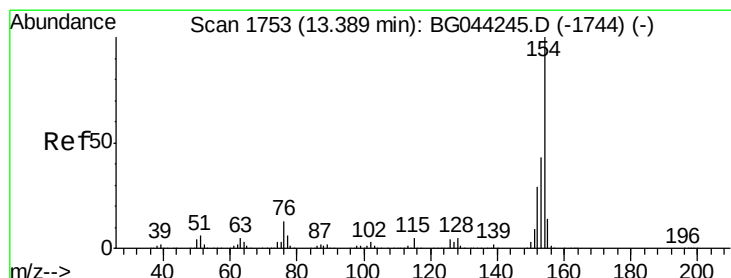
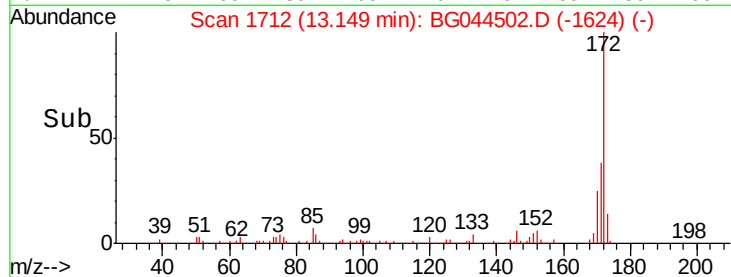
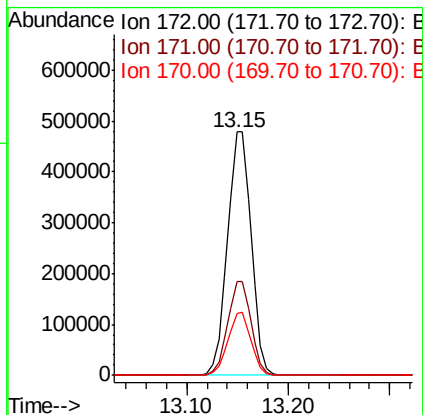
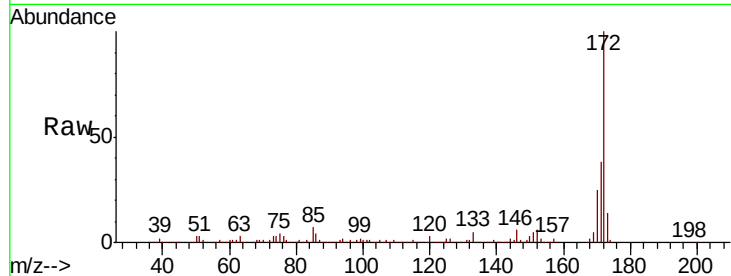




#45
 2-Fluorobiphenyl
 Concen: 80.698 ng
 RT: 13.15 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG044502.D
 Acq: 19 Feb 2020 23:21

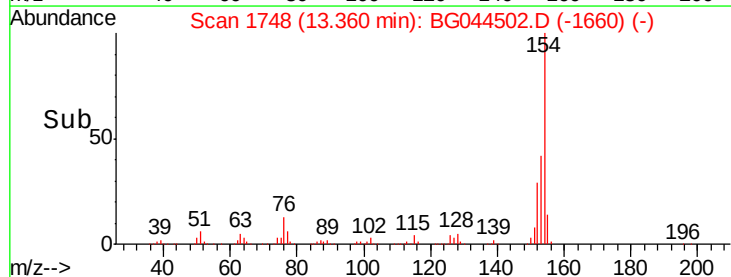
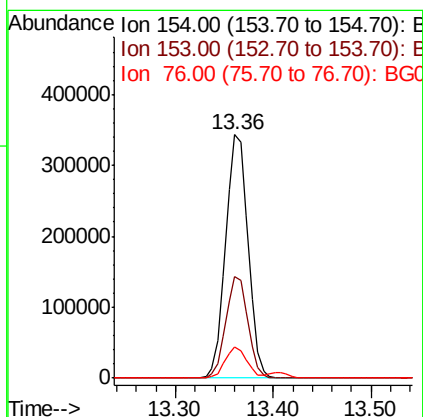
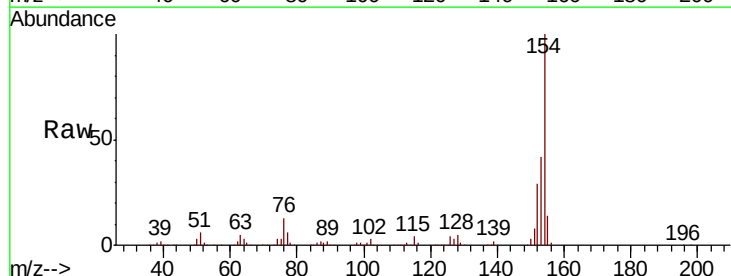
Instrument :
 BNA_G
 ClientSampleId :

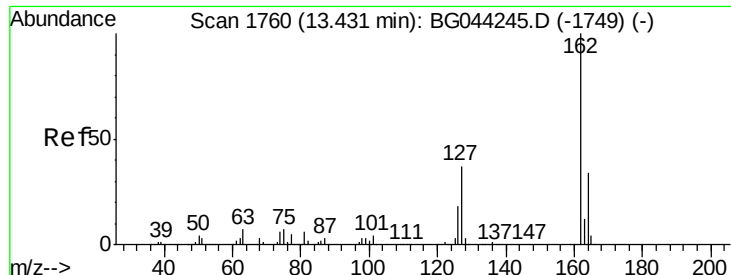
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	32.9	49.3
170	25.4	22.0	33.0



#46
 1,1'-Biphenyl
 Concen: 47.022 ng
 RT: 13.36 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BG044502.D
 Acq: 19 Feb 2020 23:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	22.7	62.7
76	12.6	0.0	32.9

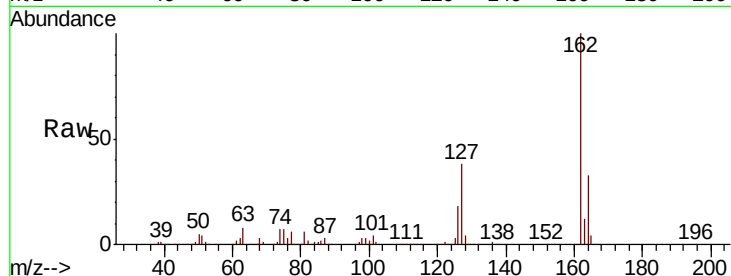




#47
 2-Chloronaphthalene
 Concen: 46.195 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.01 min
 Lab File: BG044502.D
 Acq: 19 Feb 2020 23:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.7	30.0	45.0
164	33.3	27.2	40.8

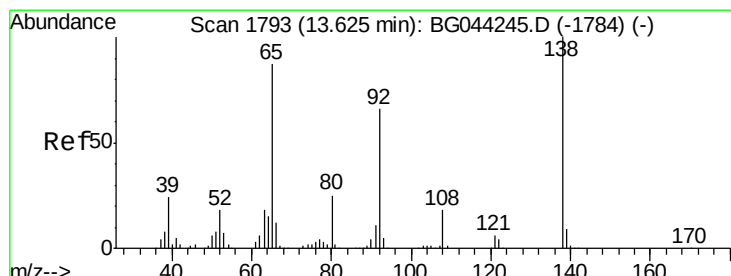
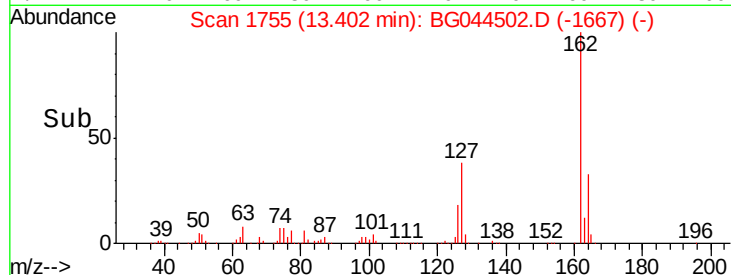
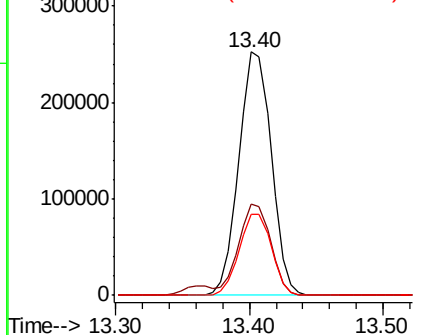


Abundance

Ion 162.00 (161.70 to 162.70): E

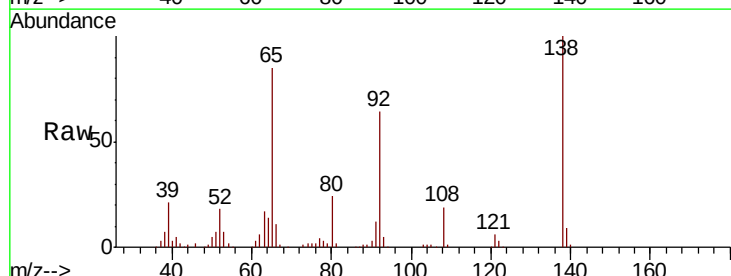
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 47.941 ng
 RT: 13.61 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BG044502.D
 Acq: 19 Feb 2020 23:21

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.5	60.3	90.5
138	117.2	91.9	137.9

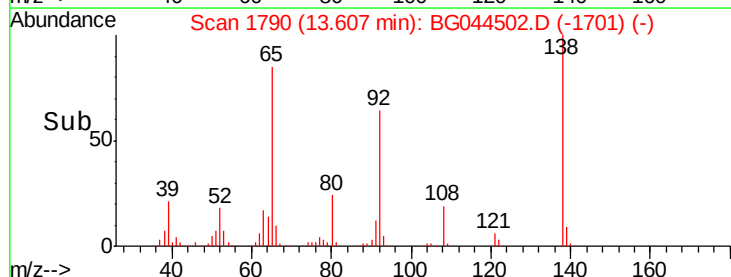
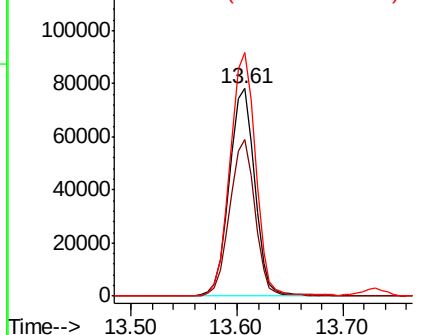


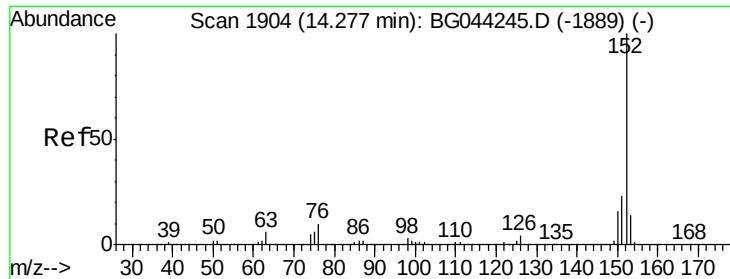
Abundance

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: 50.939 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

Instrument :

BNA_G

ClientSampleId :

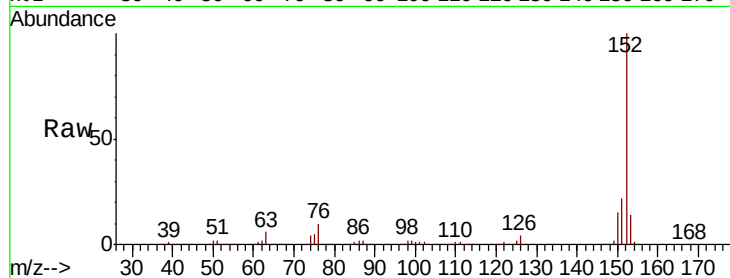
Tot Ion:152 Resp: 689590

Ion Ratio Lower Upper

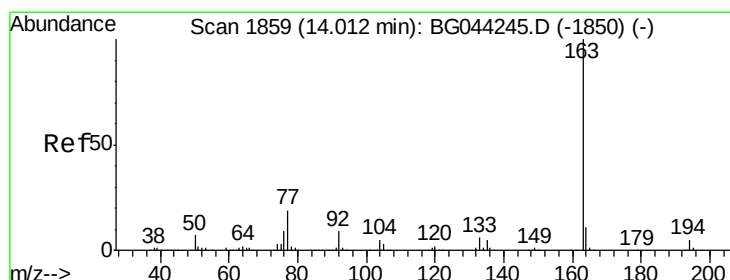
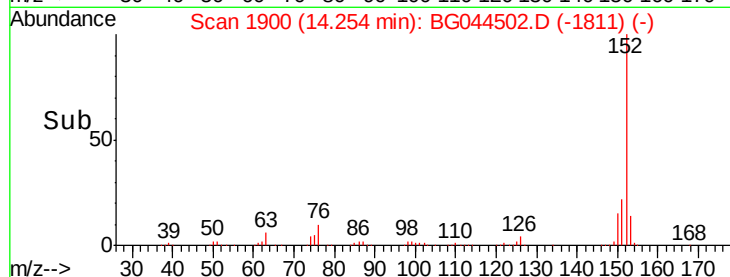
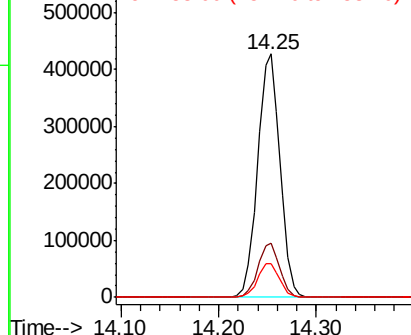
152 100

151 22.0 18.1 27.1

153 13.7 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: 51.039 ng

RT: 13.99 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

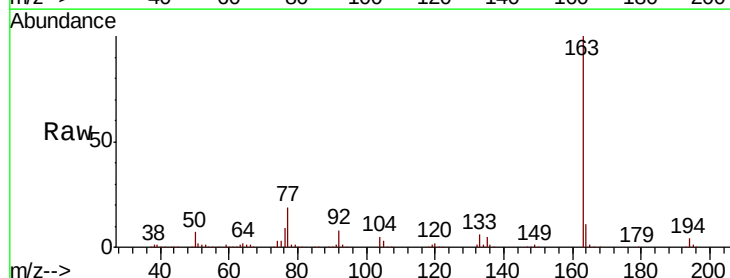
Tgt Ion:163 Resp: 589963

Ion Ratio Lower Upper

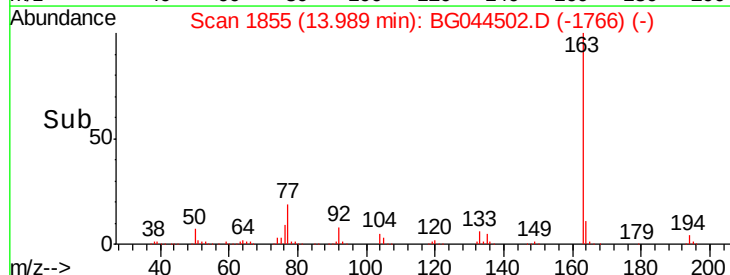
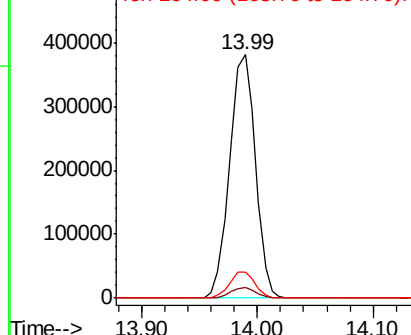
163 100

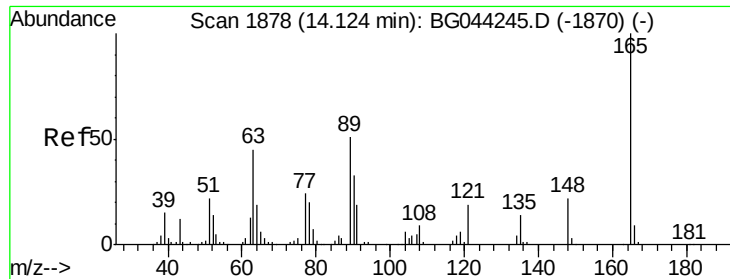
194 4.4 3.6 5.4

164 10.5 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

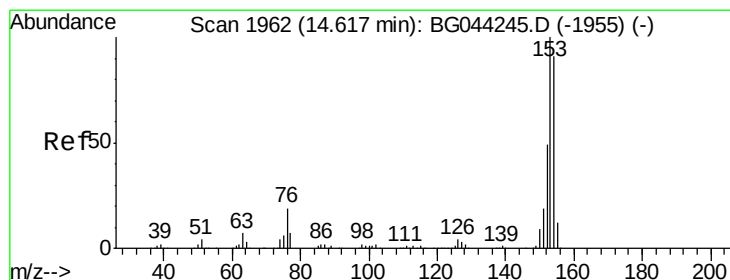
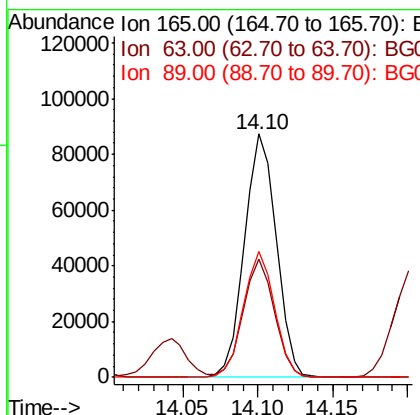
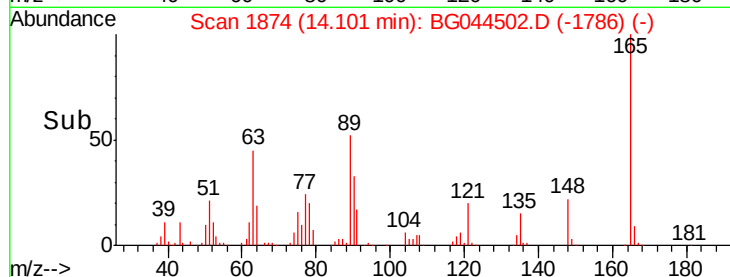
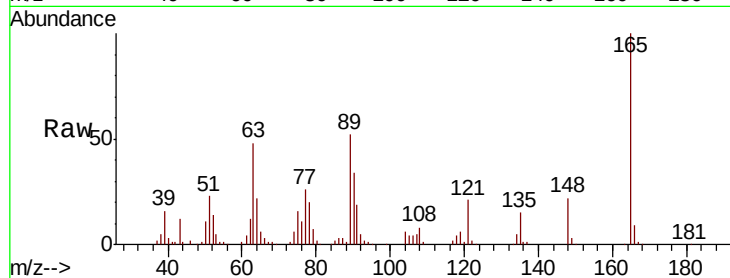




#51
2,6-Dinitrotoluene
Concen: 50.006 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

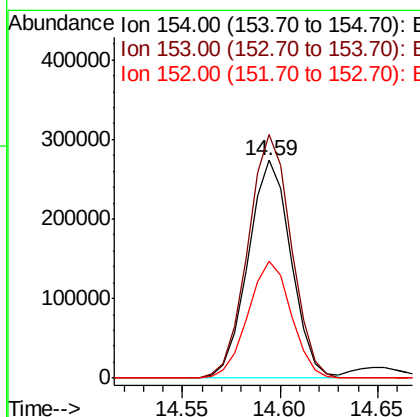
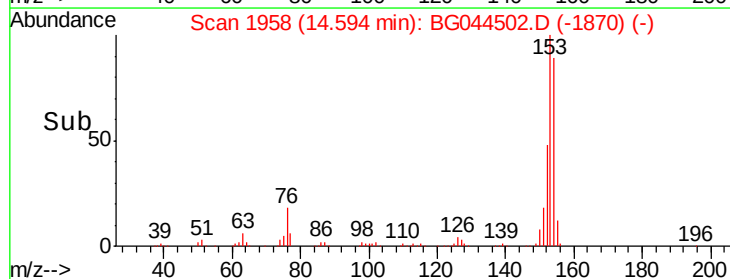
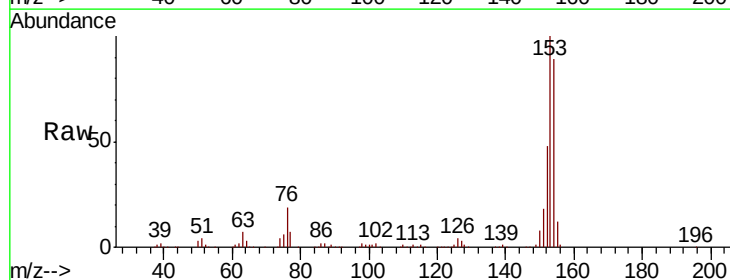
Instrument :
BNA_G
ClientSampled :

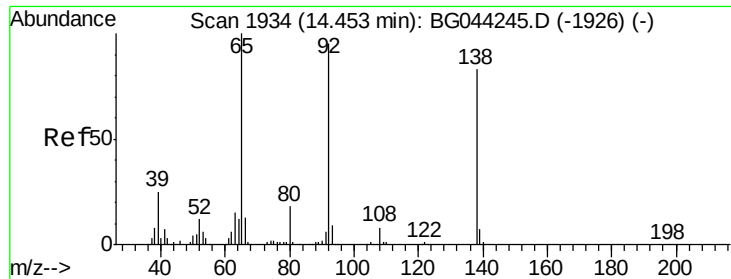
Tot Ion:165 Resp: 128878
Ion Ratio Lower Upper
165 100
63 48.3 38.7 58.1
89 51.9 40.4 60.6



#52
Acenaphthene
Concen: 47.575 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

Tgt Ion:154 Resp: 417455
Ion Ratio Lower Upper
154 100
153 112.0 87.9 131.9
152 54.0 43.1 64.7





#53

3-Nitroaniline

Concen: 24.216 ng

RT: 14.43 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

Instrument :

BNA_G

ClientSampled :

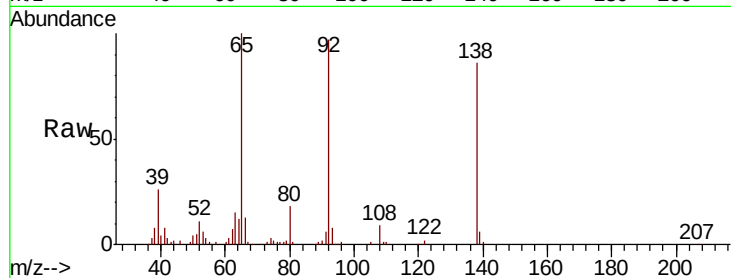
Tot Ion:138 Resp: 69049

Ion Ratio Lower Upper

138 100

108 10.1 7.9 11.9

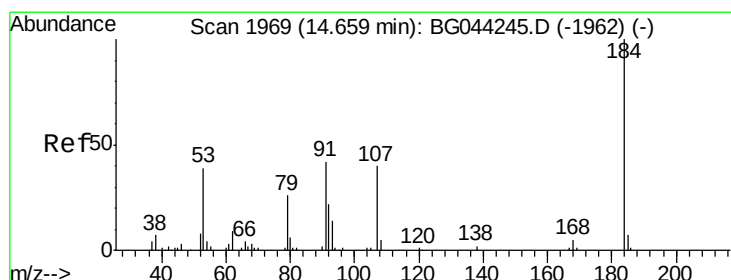
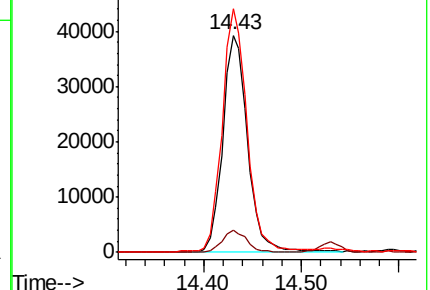
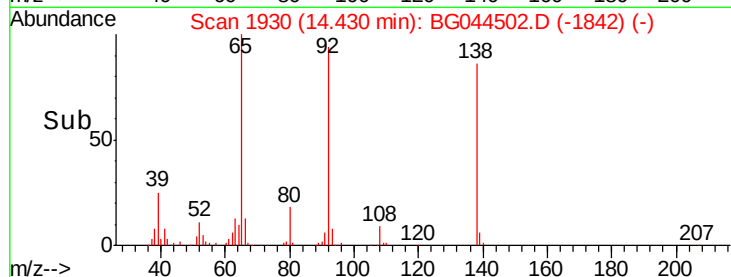
92 112.1 91.0 136.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 41.852 ng

RT: 14.65 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

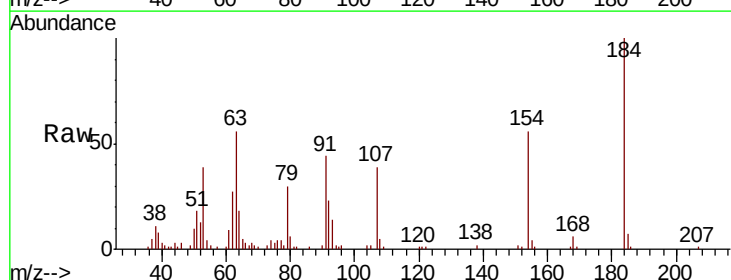
Tgt Ion:184 Resp: 57777

Ion Ratio Lower Upper

184 100

63 56.0 44.1 66.1

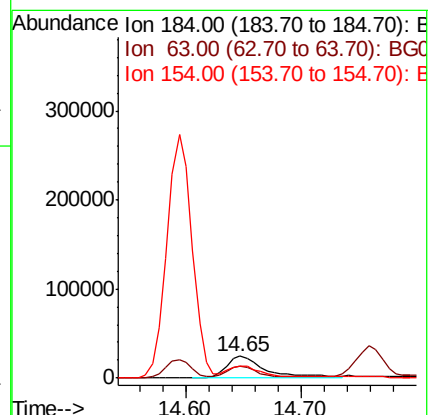
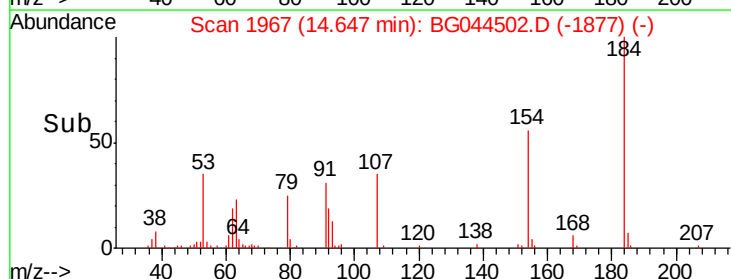
154 56.4 45.4 68.0

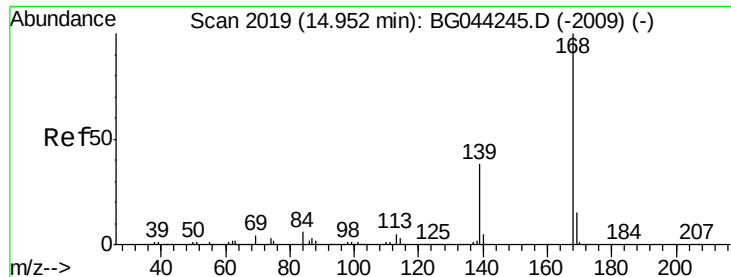


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

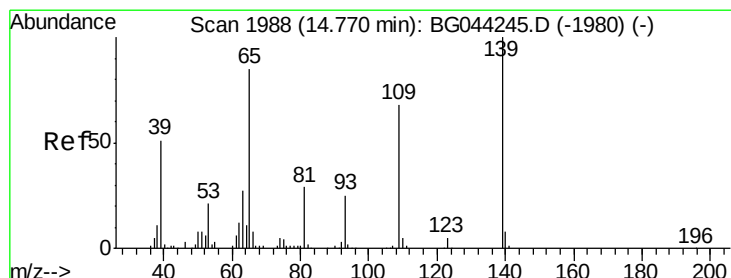
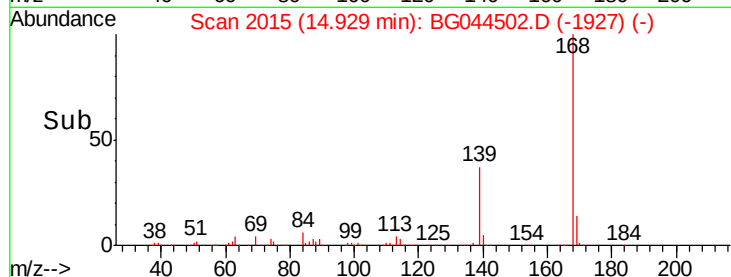
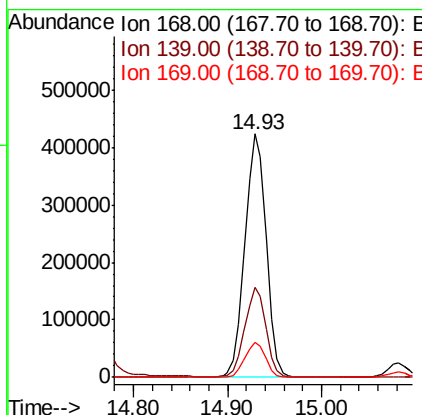
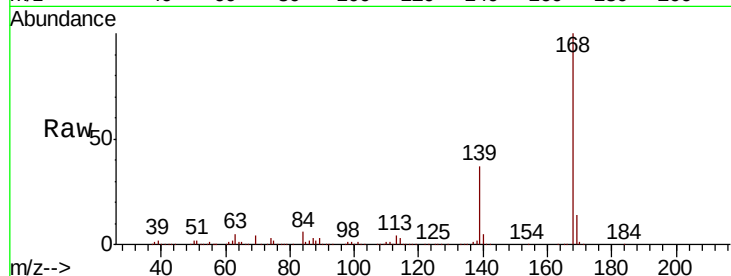




#55
Dibenzenofuran
Concen: 49.745 ng
RT: 14.93 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

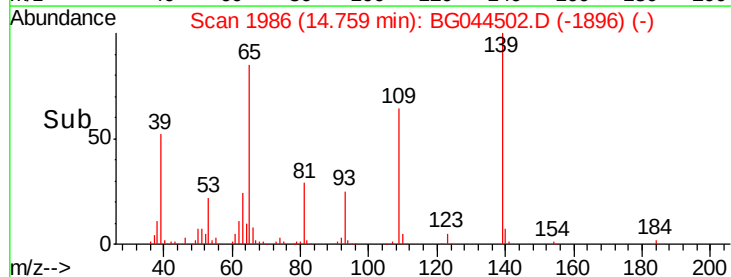
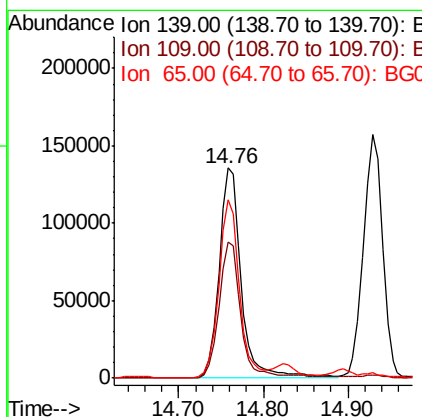
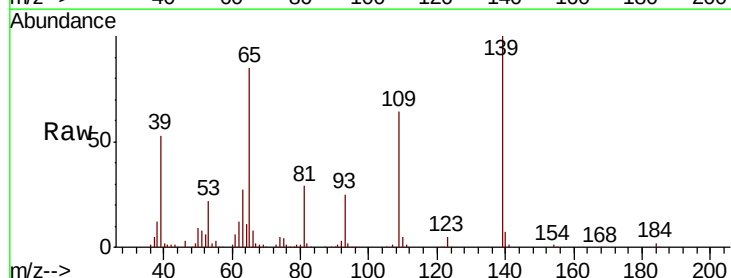
Instrument :
BNA_G
ClientSampled :

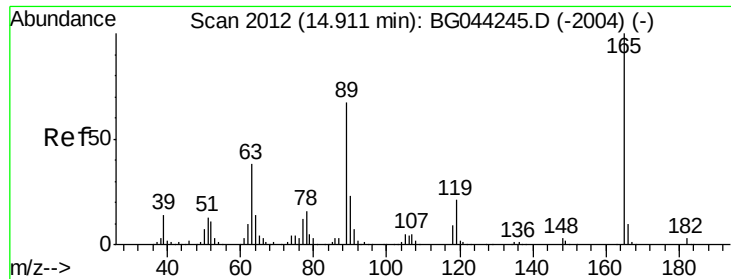
Tot Ion:168 Resp: 660879
Ion Ratio Lower Upper
168 100
139 37.1 30.5 45.7
169 14.4 11.7 17.5



#56
4-Nitrophenol
Concen: 118.690 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

Tgt Ion:139 Resp: 247899
Ion Ratio Lower Upper
139 100
109 64.5 47.5 87.5
65 85.2 64.9 104.9

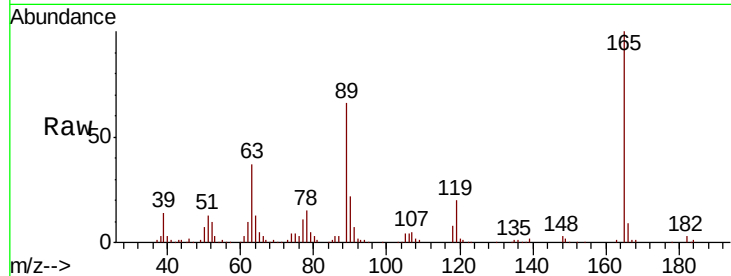




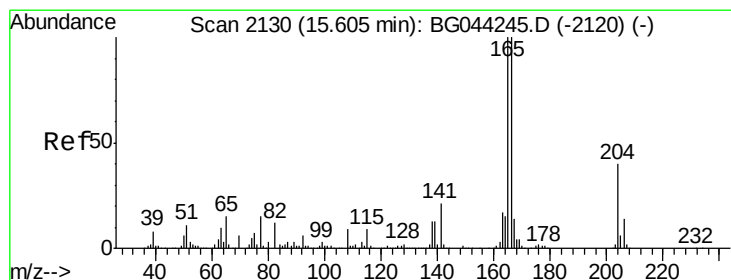
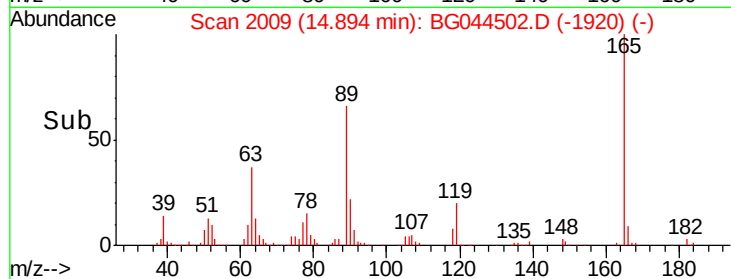
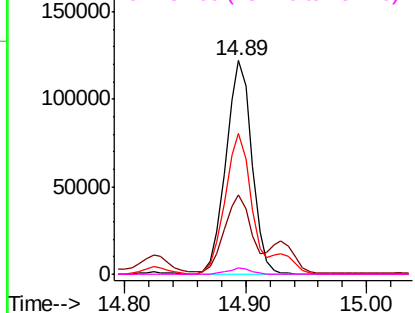
#57
2,4-Dinitrotoluene
Concen: 50.367 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165	Resp:	181936
Ion Ratio	Lower	Upper
165	100	
63	37.1	30.3 45.5
89	66.1	53.4 80.2
182	2.8	2.1 3.1

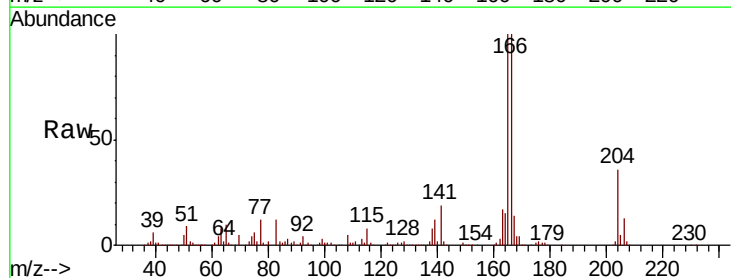


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

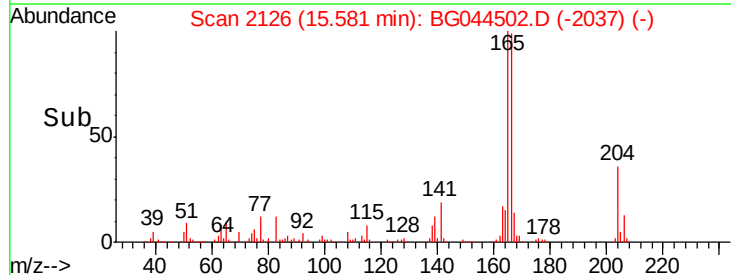
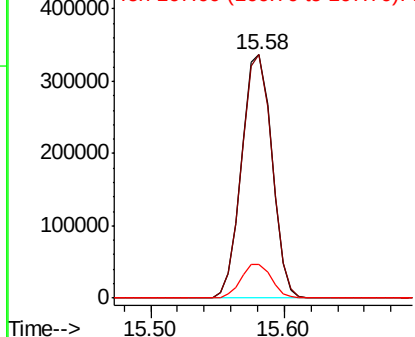


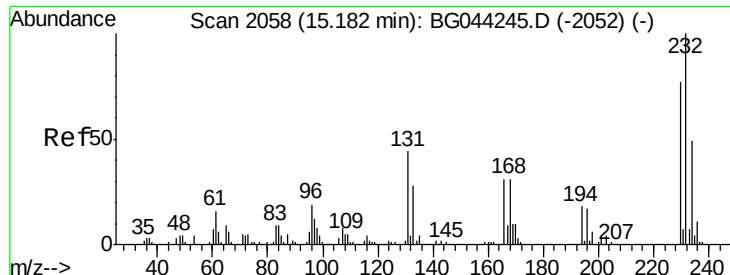
#58
Fluorene
Concen: 50.668 ng
RT: 15.58 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

Tgt Ion:166	Resp:	530190
Ion Ratio	Lower	Upper
166	100	
165	100.0	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

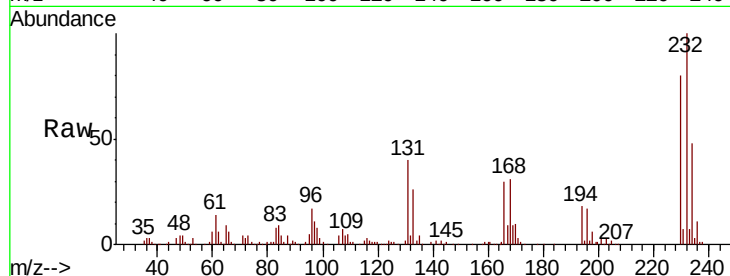




#59
2,3,4,6-Tetrachlorophenol
Concen: 59.873 ng
RT: 15.16 min Scan# 2055
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.6	34.2	51.4
130	2.3	1.8	2.8
166	29.6	23.8	35.8



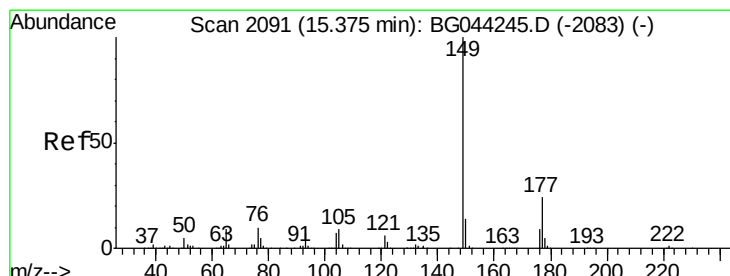
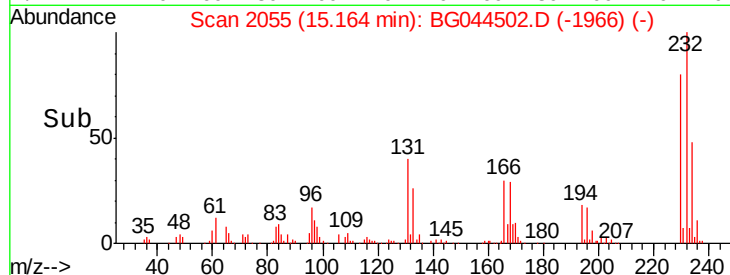
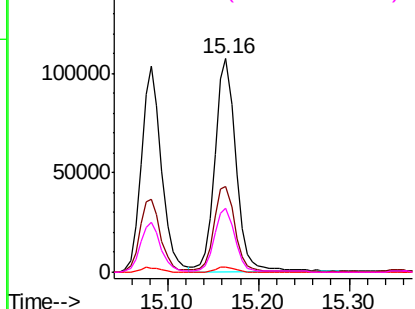
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

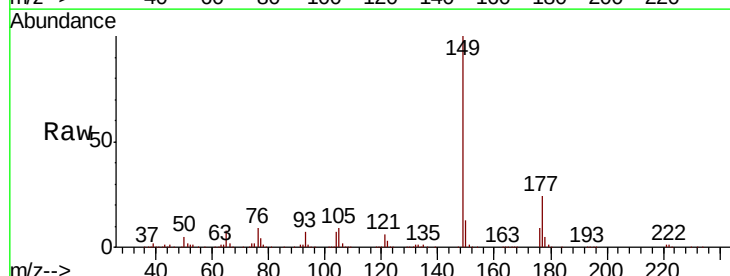
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 50.148 ng
RT: 15.35 min Scan# 2087
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.4	19.4	29.0
150	13.2	10.9	16.3

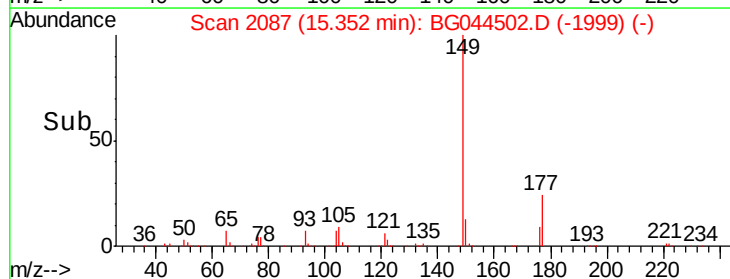
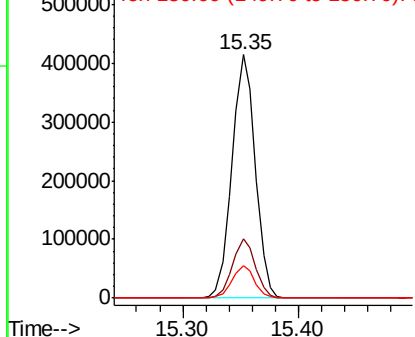


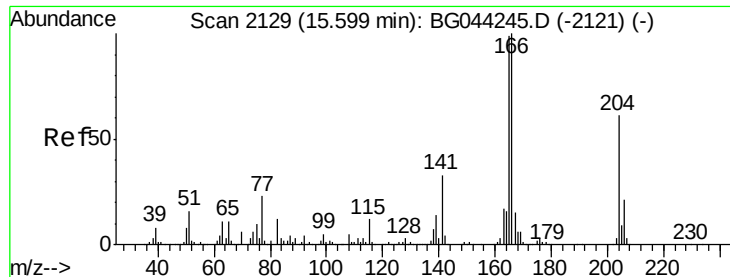
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

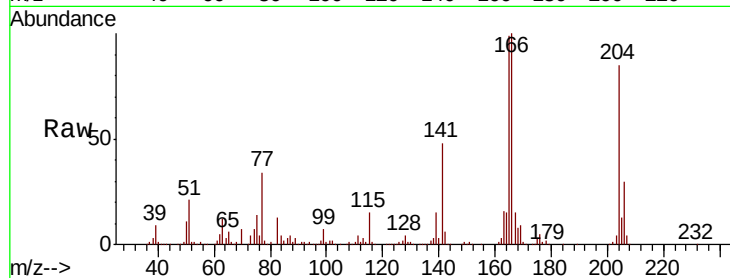




#61
4-Chlorophenyl-phenylether
Concen: 48.575 ng
RT: 15.57 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.0	27.6	41.4
141	56.1	43.4	65.0

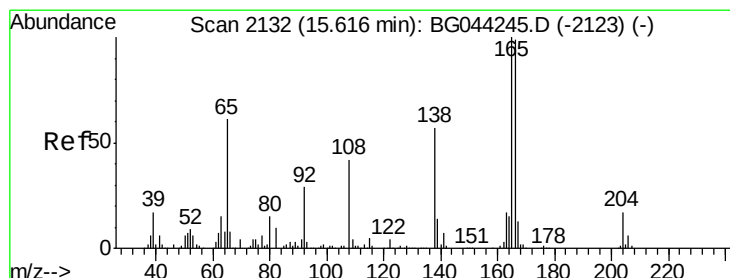
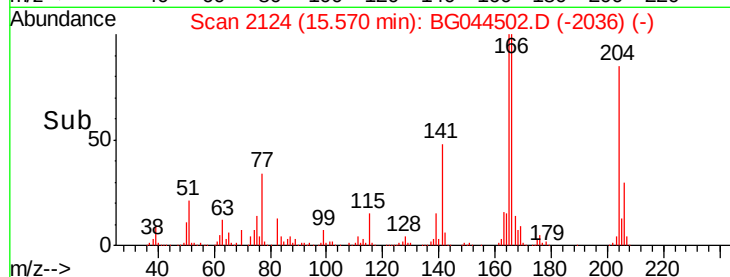
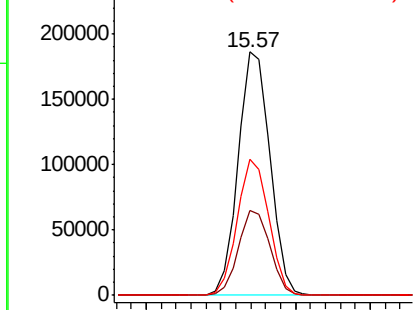


Abundance

Ion 204.00 (203.70 to 204.70): E

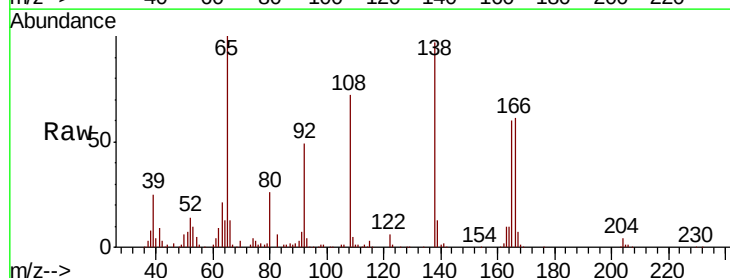
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 49.769 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.7	31.3	71.3
108	73.7	52.6	92.6

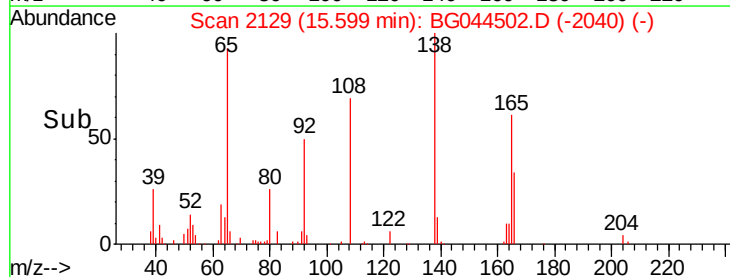
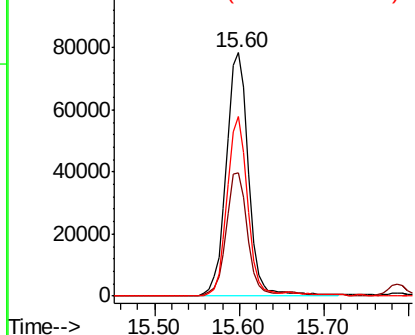


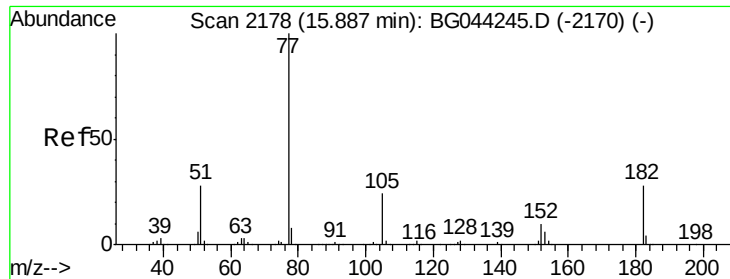
Abundance

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

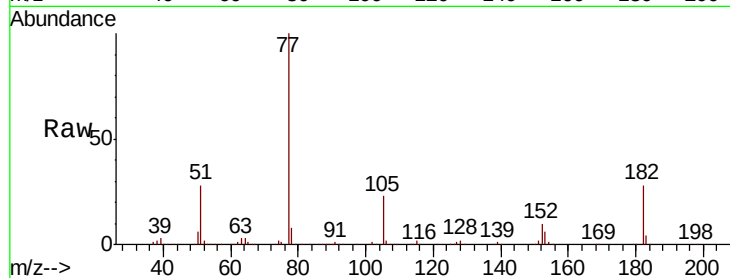




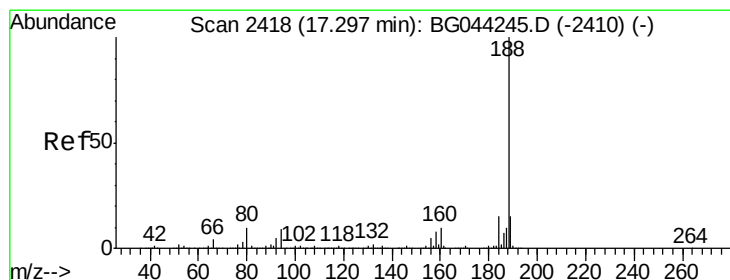
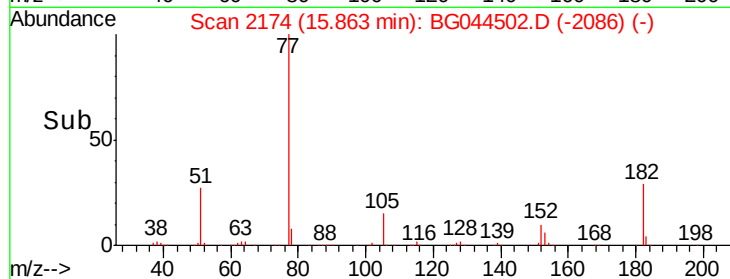
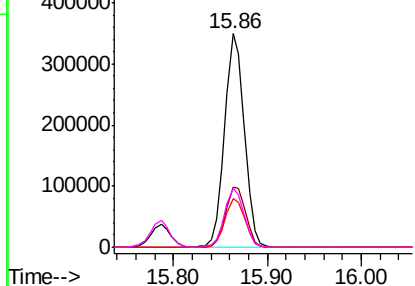
#63
Azobenzene
Concen: 50.415 ng
RT: 15.86 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

Instrument :
BNA_G
ClientSampled :

Tot Ion:	77	Resp:	508907
Ion	Ratio	Lower	Upper
77	100		
182	28.1	8.2	48.2
105	22.6	3.6	43.6
51	27.8	8.3	48.3

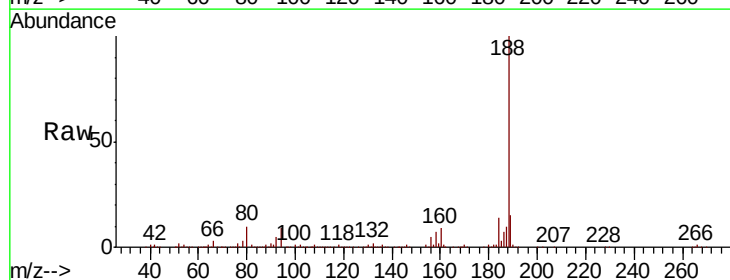


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

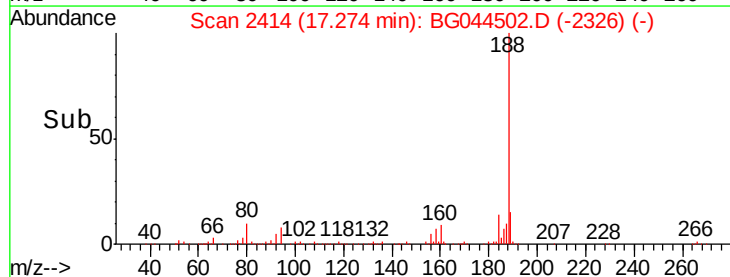
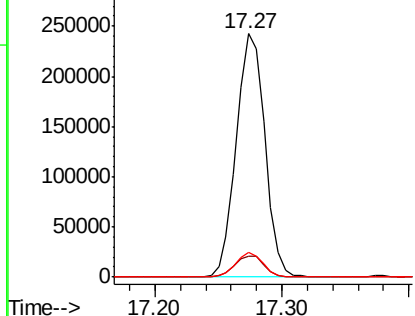


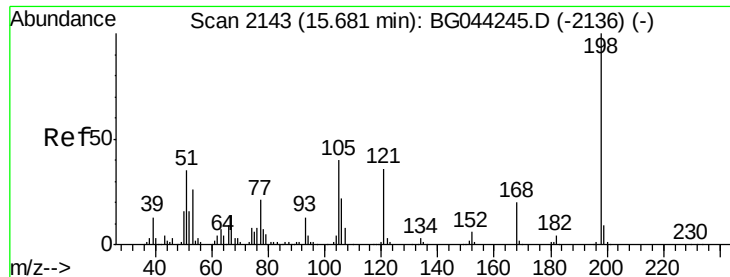
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.27 min Scan# 2414
Delta R.T. -0.02 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

Tgt Ion:	188	Resp:	379089
Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.4	11.2
80	9.9	7.7	11.5



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 44.435 ng

RT: 15.66 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

Instrument :

BNA_G

ClientSampleId :

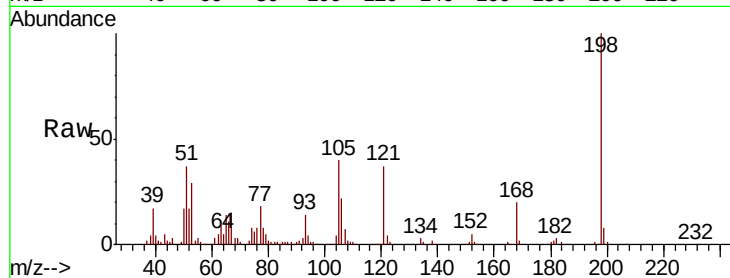
Tot Ion:198 Resp: 92984

Ion	Ratio	Lower	Upper
198	100		
51	37.2	16.6	56.6
105	39.8	20.6	60.6

198 100

51 37.2 16.6 56.6

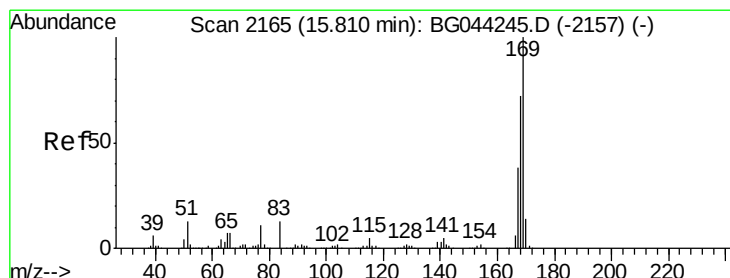
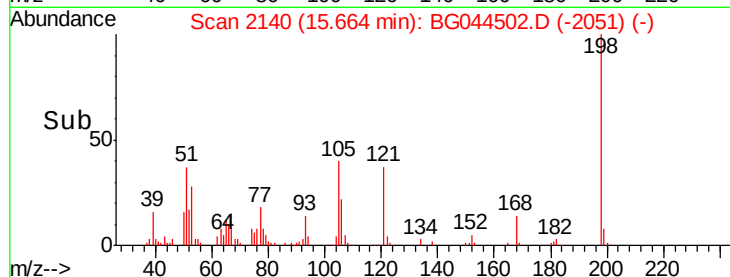
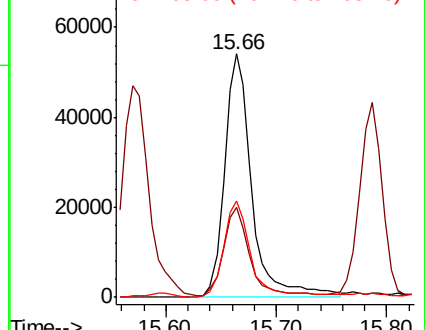
105 39.8 20.6 60.6



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: 47.480 ng

RT: 15.79 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

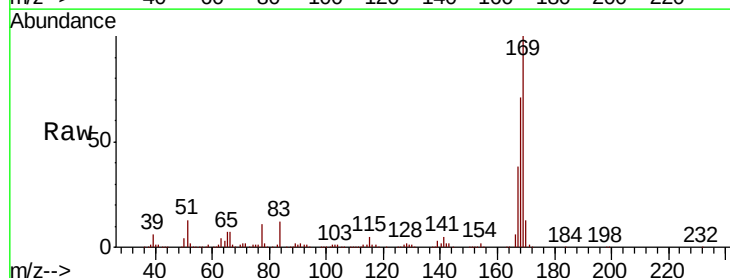
Tgt Ion:169 Resp: 504418

Ion	Ratio	Lower	Upper
169	100		
168	71.2	57.9	86.9
167	37.6	30.7	46.1

169 100

168 71.2 57.9 86.9

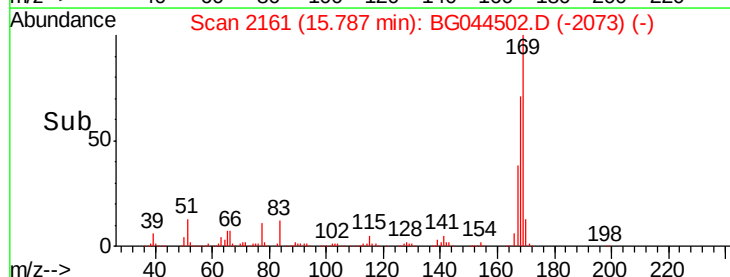
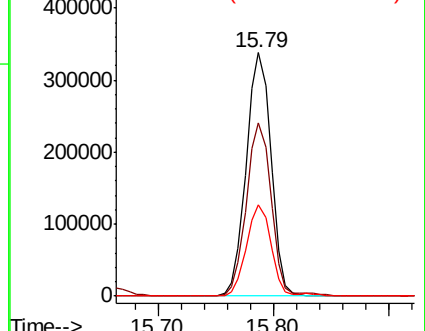
167 37.6 30.7 46.1

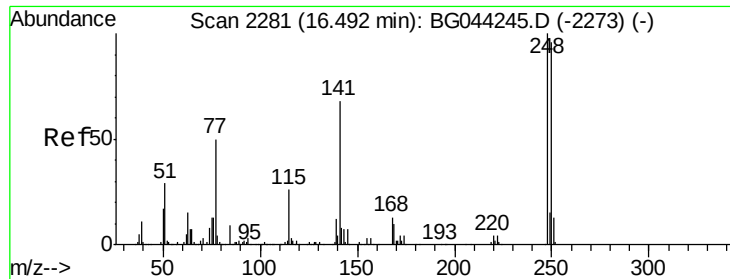


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

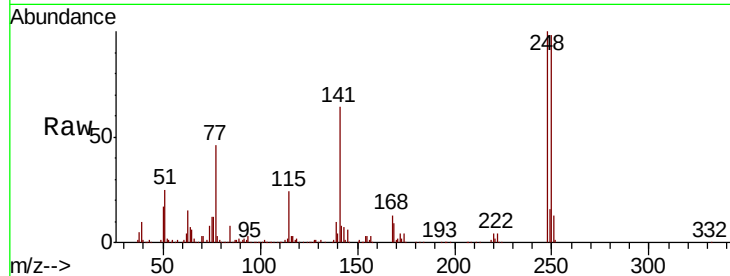




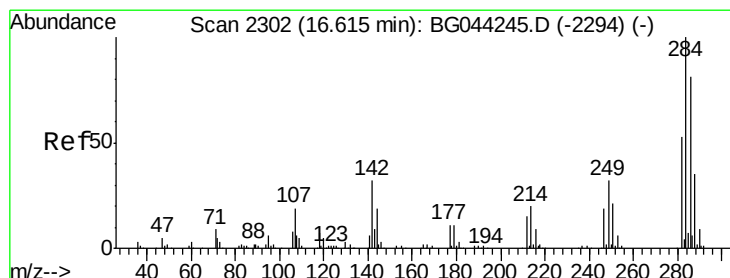
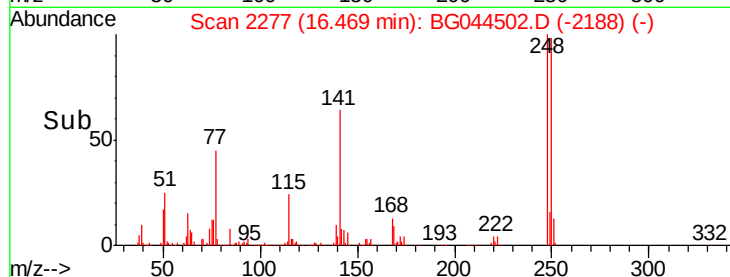
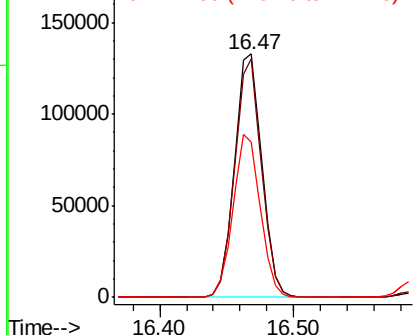
#67
 4-Bromophenyl-phenylether
 Concen: 45.675 ng
 RT: 16.47 min Scan# 2277
 Delta R.T. -0.01 min
 Lab File: BG044502.D
 Acq: 19 Feb 2020 23:21

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 188645
 Ion Ratio Lower Upper
 248 100
 250 97.8 76.6 114.8
 141 64.0 54.7 82.1

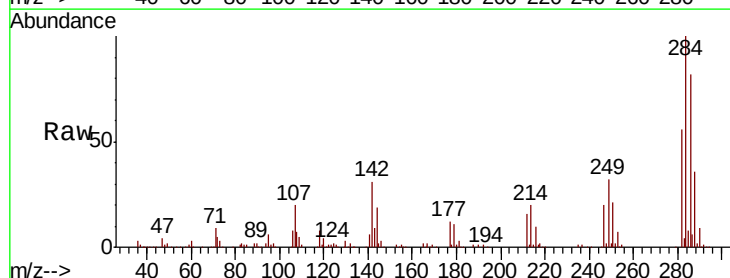


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

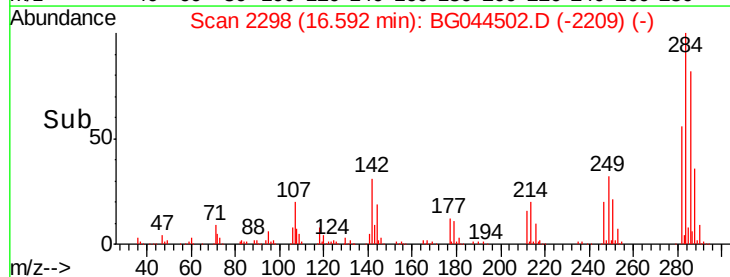
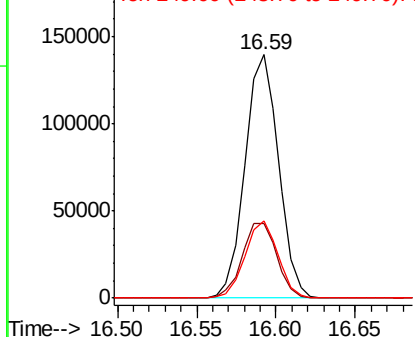


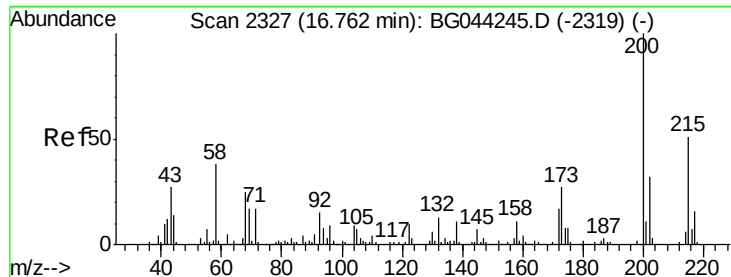
#68
 Hexachlorobenzene
 Concen: 44.424 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG044502.D
 Acq: 19 Feb 2020 23:21

Tgt Ion:284 Resp: 205555
 Ion Ratio Lower Upper
 284 100
 142 30.7 25.3 37.9
 249 31.8 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: 56.478 ng

RT: 16.74 min Scan# 2323

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

Instrument :

BNA_G

ClientSampleId :

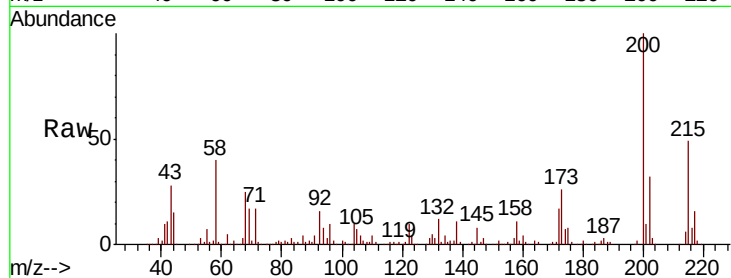
Tot Ion:200 Resp: 205655

Ion Ratio Lower Upper

200 100

173 25.9 6.6 46.6

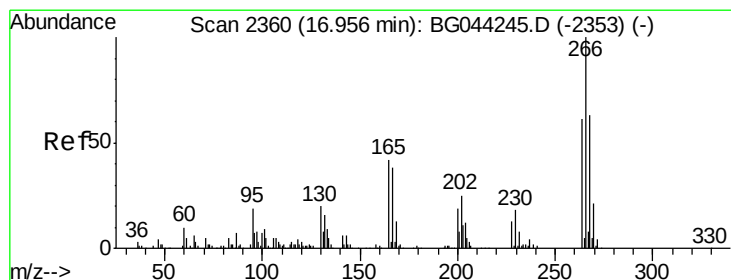
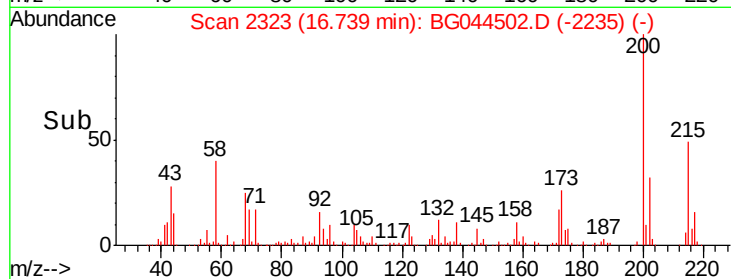
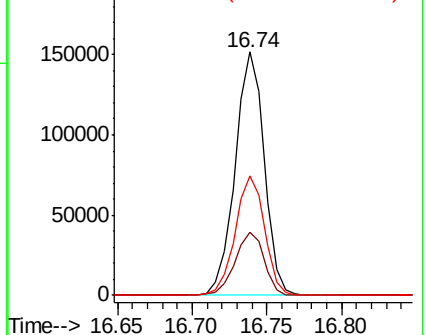
215 49.0 31.0 71.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 70.284 ng

RT: 16.93 min Scan# 2356

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

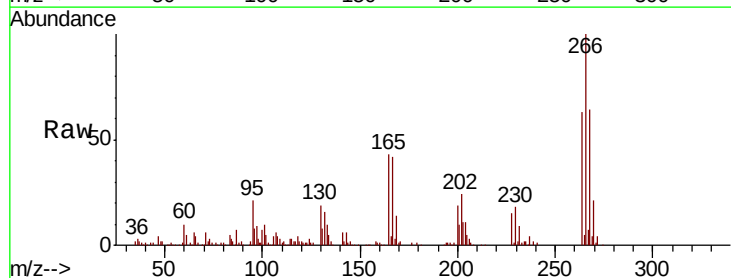
Tgt Ion:266 Resp: 163525

Ion Ratio Lower Upper

266 100

268 63.8 50.6 75.8

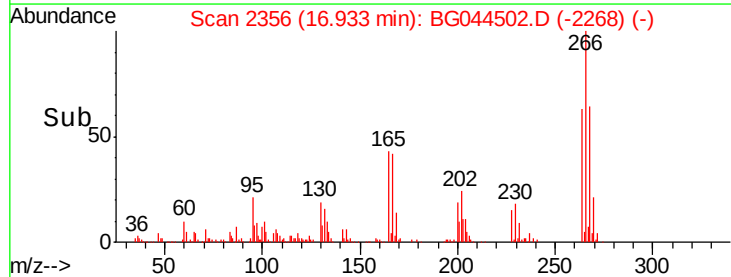
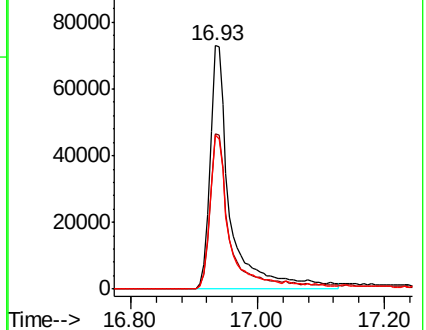
264 63.2 48.7 73.1

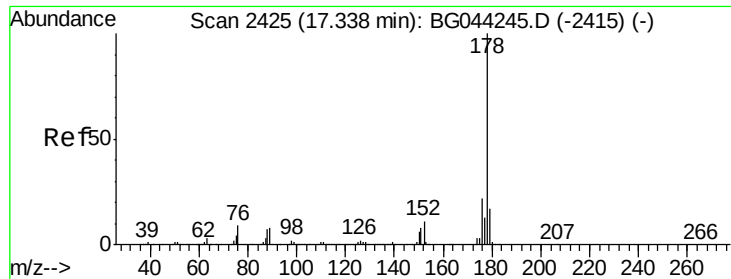


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

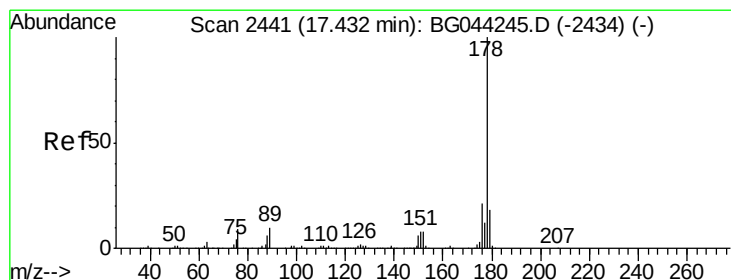
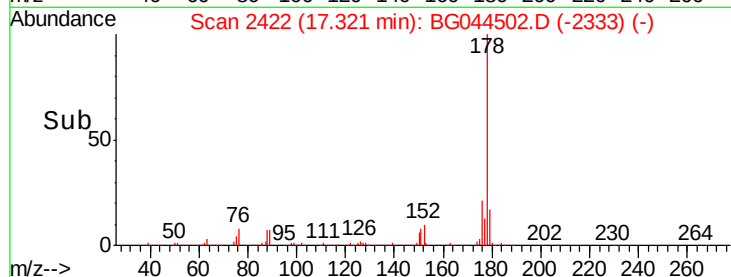
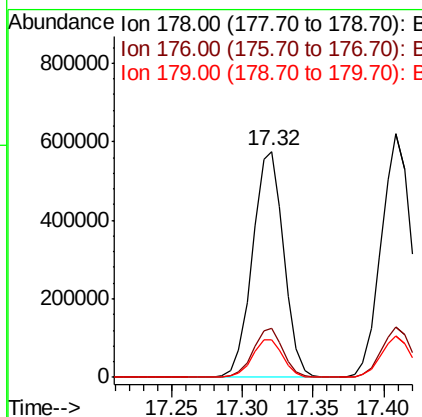
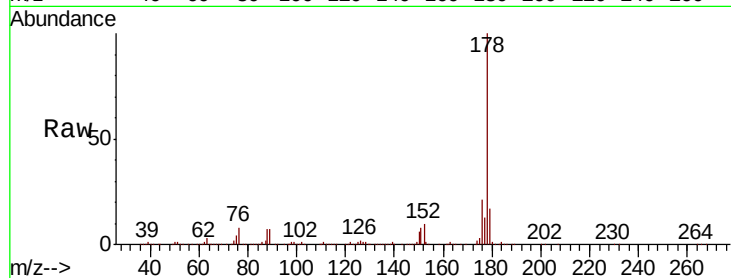




#71
Phenanthrene
Concen: 48.735 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

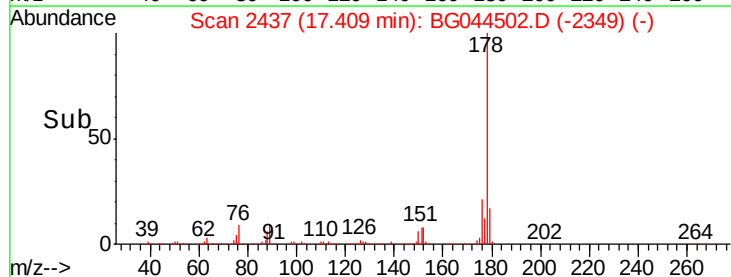
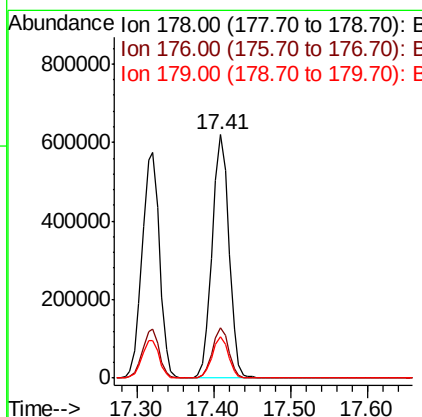
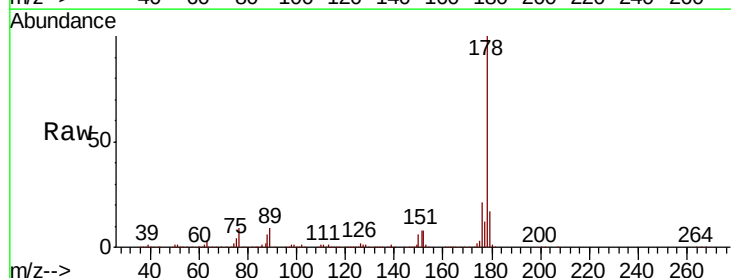
Instrument :
BNA_G
ClientSampleId :

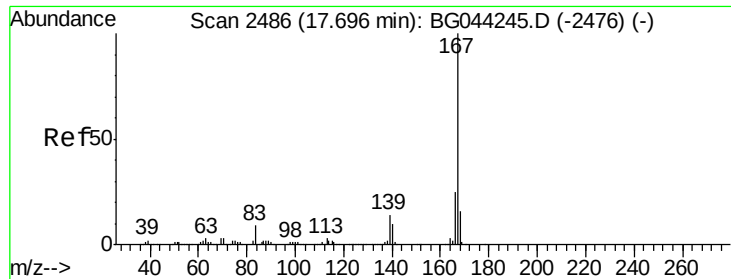
Tot Ion:178 Resp: 894619
Ion Ratio Lower Upper
178 100
176 21.5 17.7 26.5
179 16.6 13.7 20.5



#72
Anthracene
Concen: 51.007 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

Tgt Ion:178 Resp: 925701
Ion Ratio Lower Upper
178 100
176 20.8 17.0 25.4
179 16.9 14.4 21.6





#73

Carbazole

Concen: 51.513 ng

RT: 17.68 min Scan# 2483

Delta R.T. -0.01 min

Lab File: BG044502.D

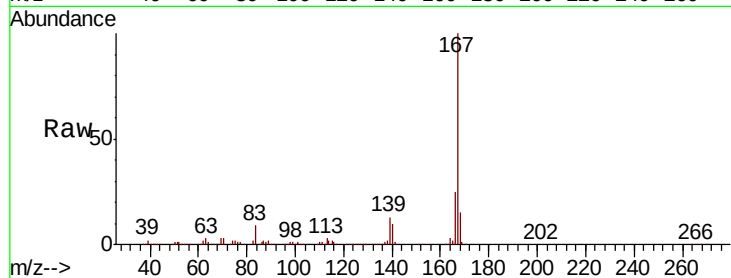
Acq: 19 Feb 2020 23:21

Instrument :

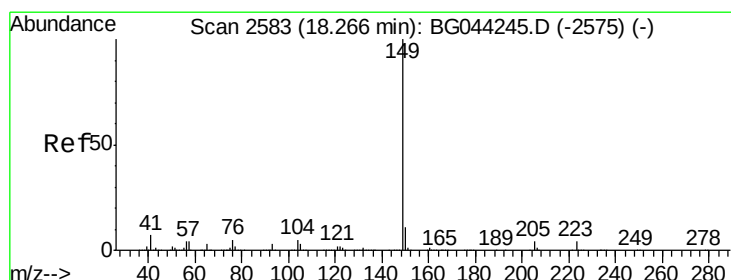
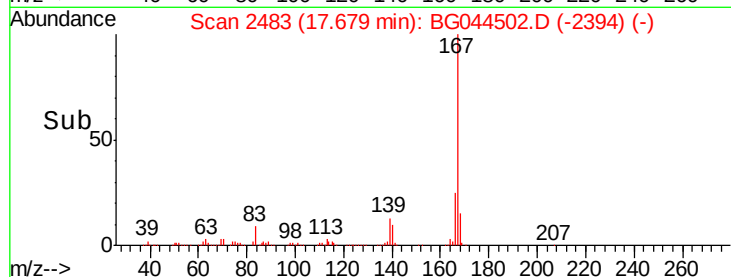
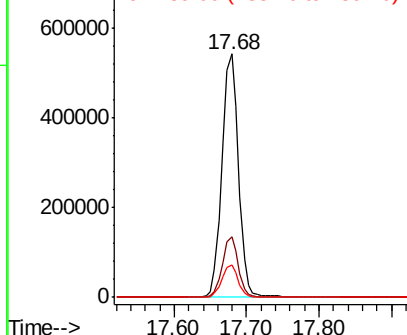
BNA_G

ClientSampleId :

Tot Ion:167	Resp: 861859
Ion Ratio	Lower Upper
167 100	
166 24.8	19.8 29.6
139 13.3	11.1 16.7



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



#74

Di-n-butylphthalate

Concen: 51.271 ng

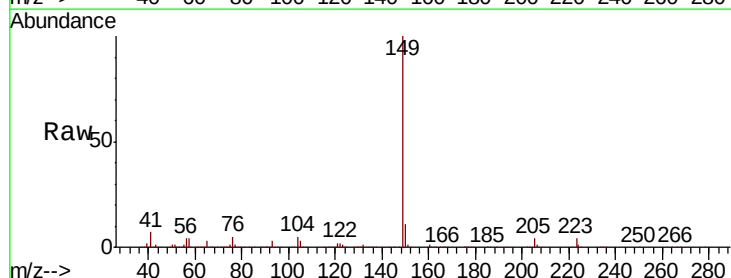
RT: 18.24 min Scan# 2579

Delta R.T. -0.01 min

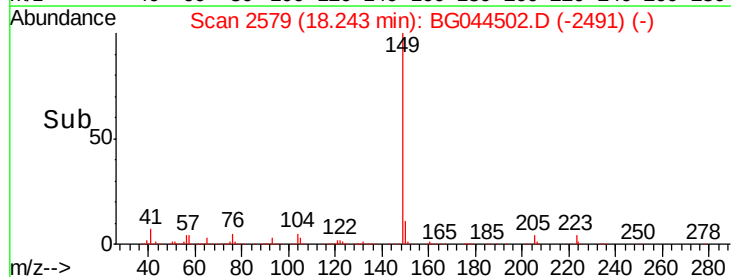
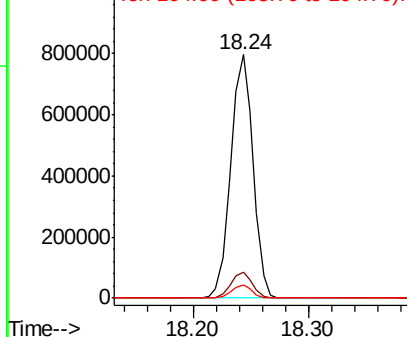
Lab File: BG044502.D

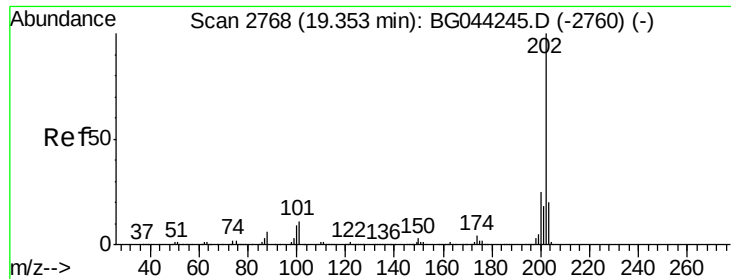
Acq: 19 Feb 2020 23:21

Tgt Ion:149	Resp: 1060047
Ion Ratio	Lower Upper
149 100	
150 10.6	8.7 13.1
104 5.3	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: 52.237 ng

RT: 19.33 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

Instrument :

BNA_G

ClientSampled :

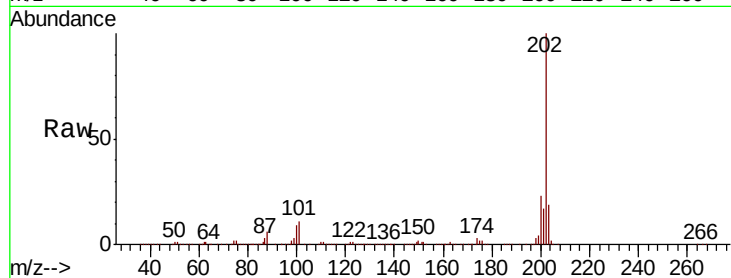
Tot Ion:202 Resp: 1109278

Ion Ratio Lower Upper

202 100

101 11.0 0.0 31.3

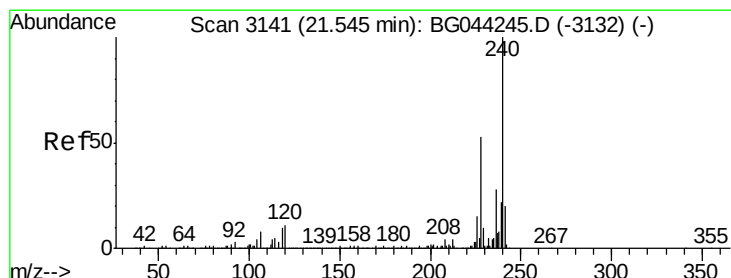
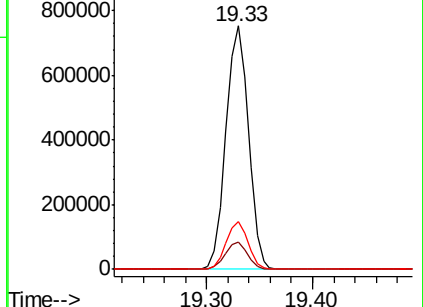
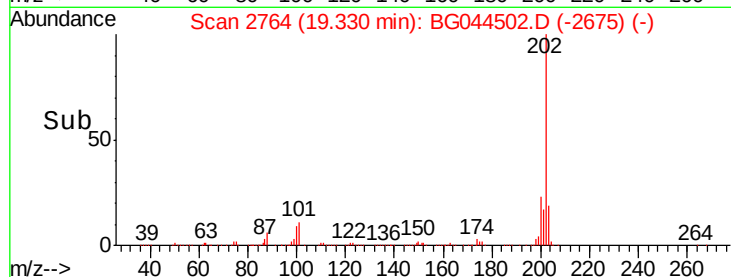
203 19.5 0.0 39.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.52 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

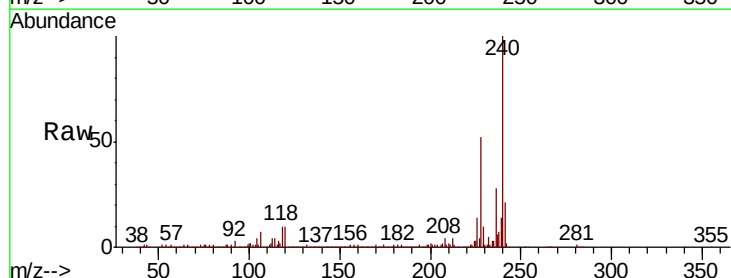
Tgt Ion:240 Resp: 382636

Ion Ratio Lower Upper

240 100

120 10.1 8.4 12.6

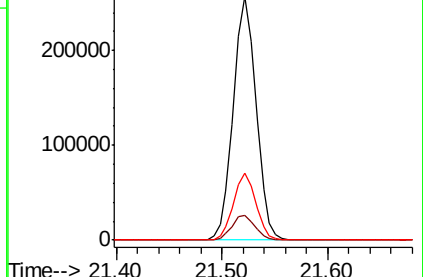
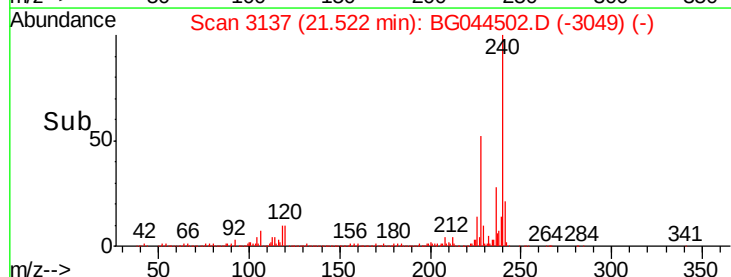
236 27.6 22.1 33.1

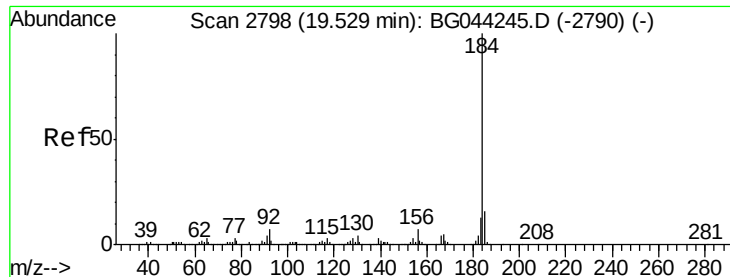


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.187 ng

RT: 19.51 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

Instrument :

BNA_G

ClientSampleId :

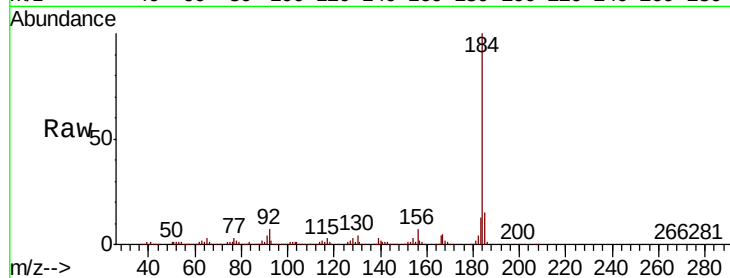
Tot Ion:184 Resp: 394681

Ion Ratio Lower Upper

184 100

185 14.8 12.9 19.3

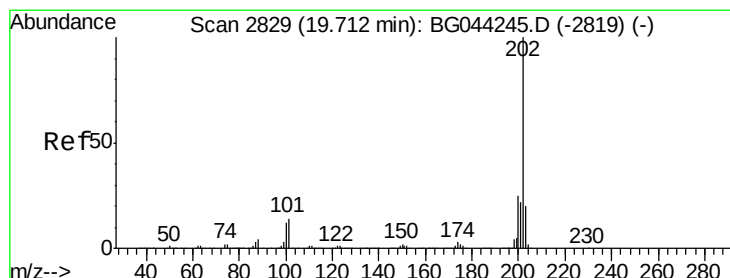
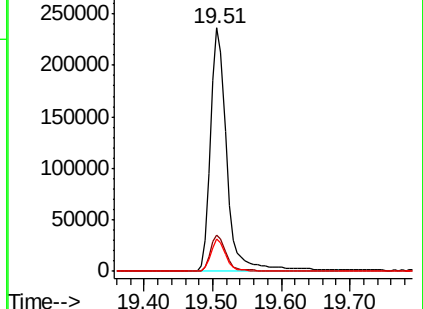
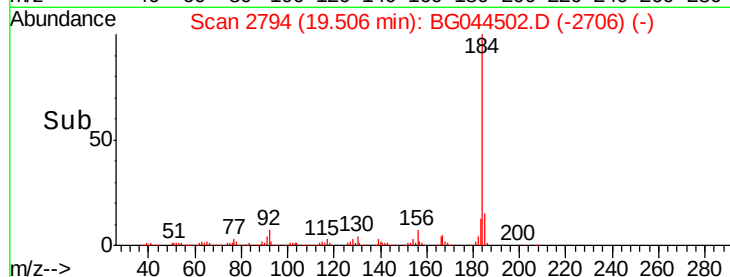
183 13.4 10.8 16.2



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: 45.210 ng

RT: 19.69 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

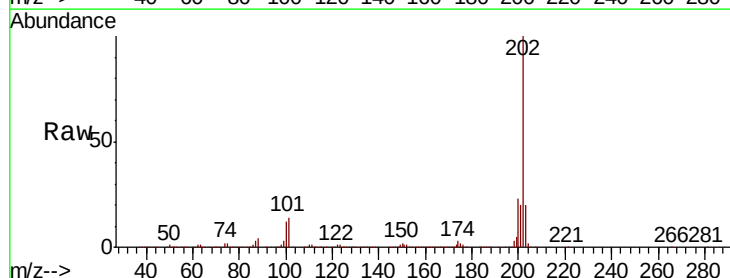
Tgt Ion:202 Resp: 1110949

Ion Ratio Lower Upper

202 100

200 23.4 20.0 30.0

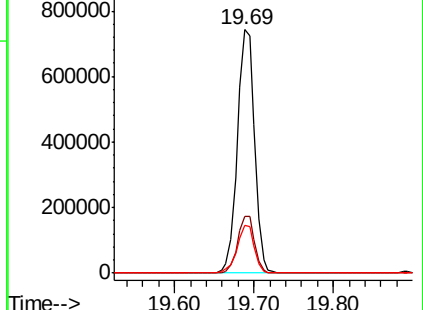
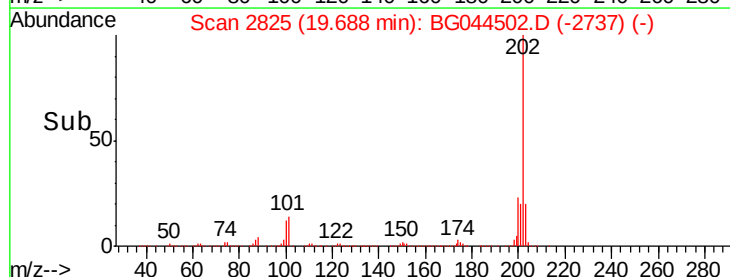
203 19.6 16.2 24.2

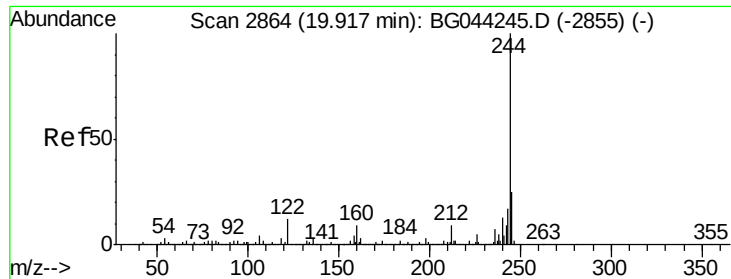


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.940 ng

RT: 19.89 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

Instrument :

BNA_G

ClientSampleId :

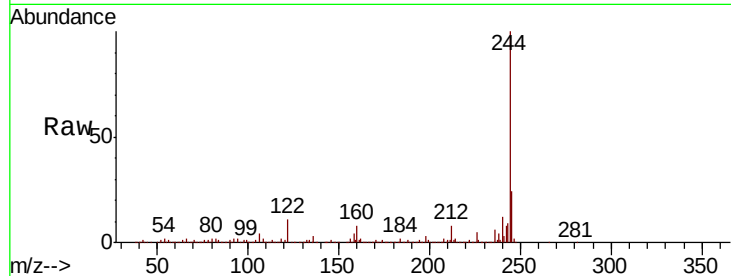
Tot Ion:244 Resp: 1356894

Ion Ratio Lower Upper

244 100

212 8.2 7.4 11.2

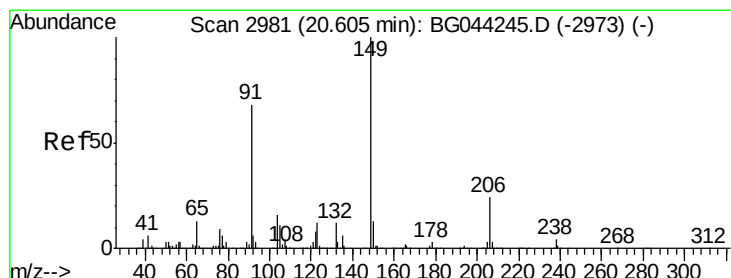
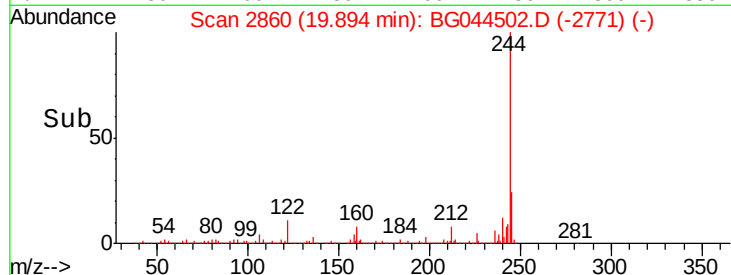
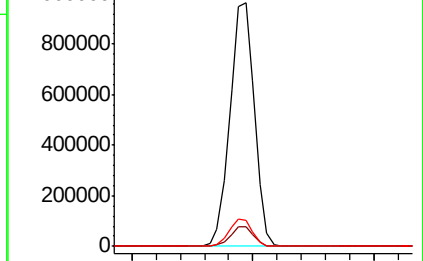
122 10.6 9.8 14.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.315 ng

RT: 20.58 min Scan# 2977

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

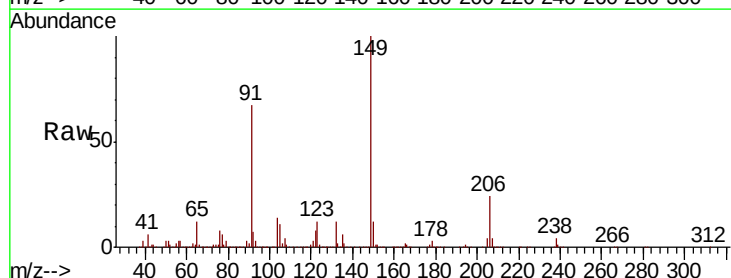
Tgt Ion:149 Resp: 507447

Ion Ratio Lower Upper

149 100

91 66.7 54.5 81.7

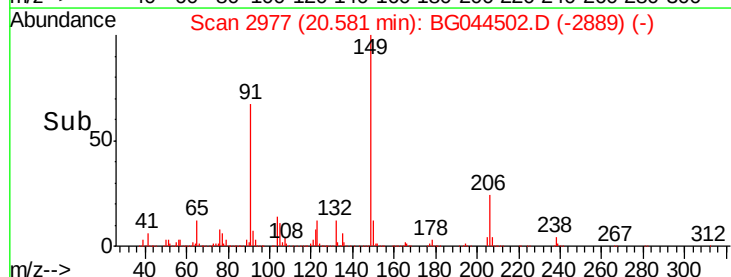
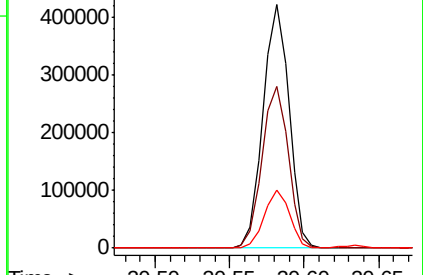
206 23.7 19.1 28.7

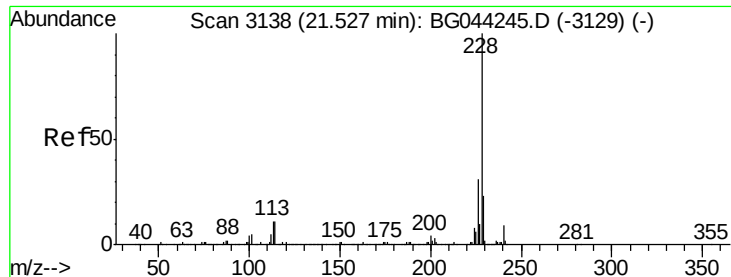


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.583 ng

RT: 21.50 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

Instrument :

BNA_G

ClientSampleId :

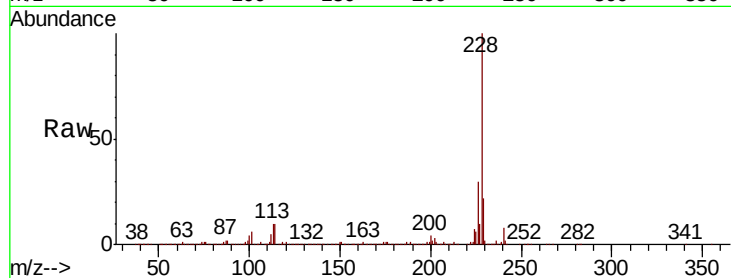
Tot Ion:228 Resp: 1098528

Ion Ratio Lower Upper

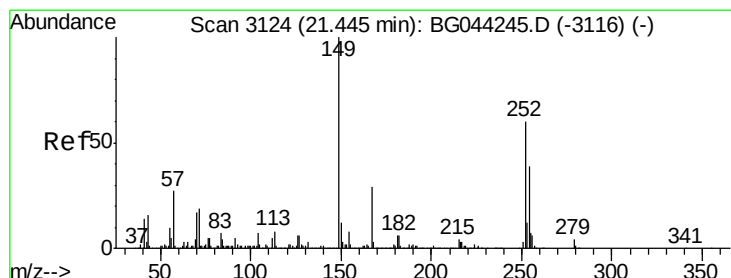
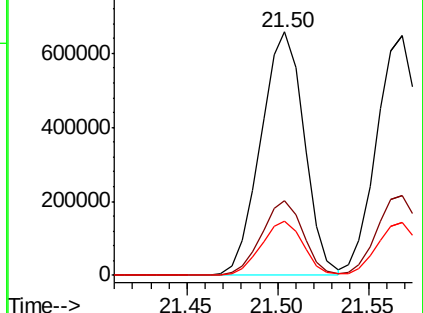
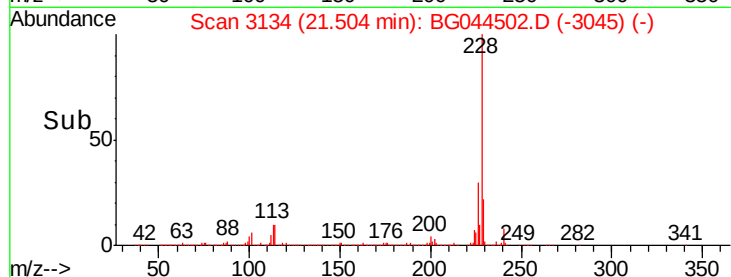
228 100

226 30.5 24.7 37.1

229 22.2 18.2 27.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 24.545 ng

RT: 21.42 min Scan# 3119

Delta R.T. -0.02 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

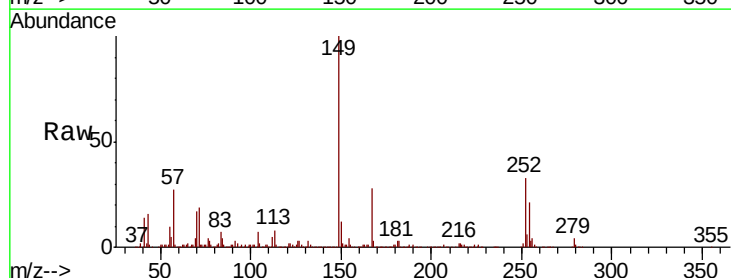
Tgt Ion:252 Resp: 224645

Ion Ratio Lower Upper

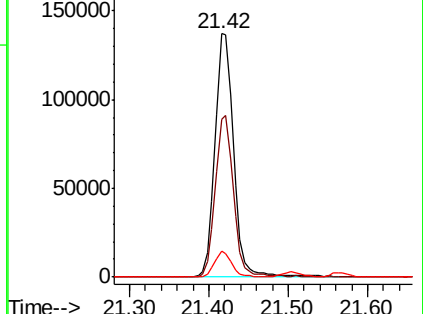
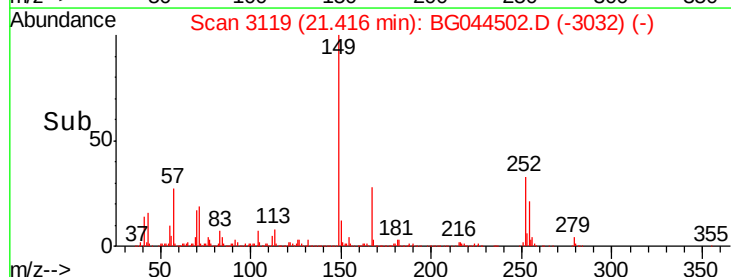
252 100

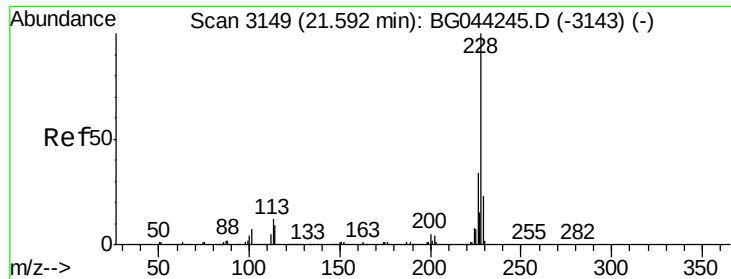
254 64.9 52.6 78.8

126 10.4 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



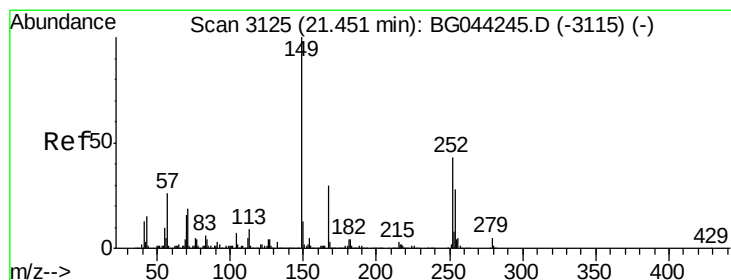
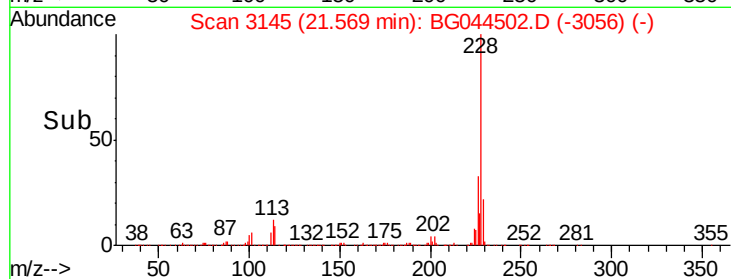
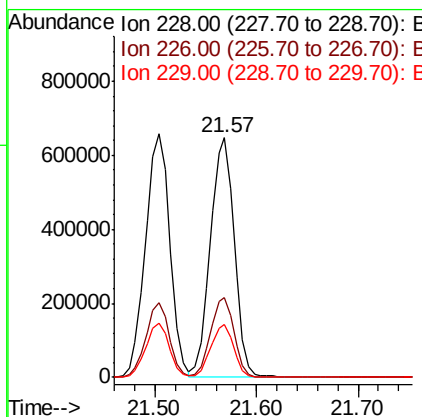
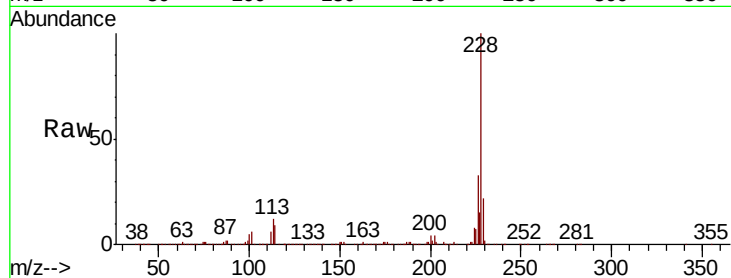


#83
 Chrysene
 Concen: 46.399 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG044502.D
 Acq: 19 Feb 2020 23:21

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:228 Resp: 1057646

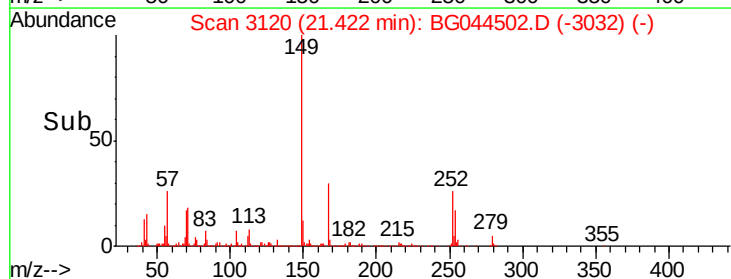
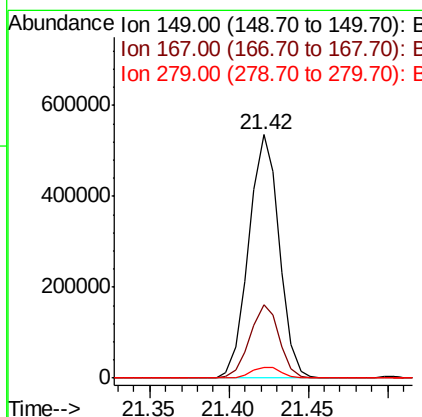
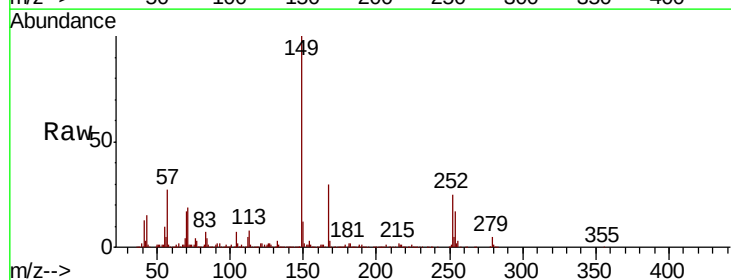
Ion	Ratio	Lower	Upper
228	100		
226	33.1	27.1	40.7
229	22.1	17.9	26.9

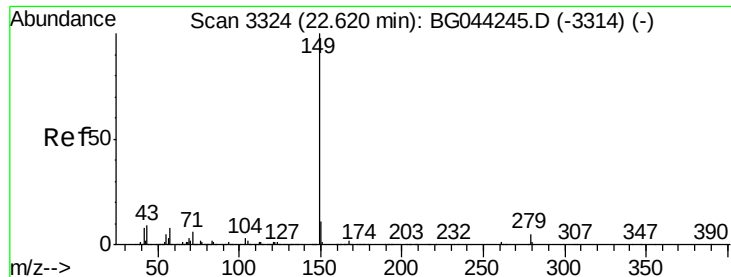


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.300 ng
 RT: 21.42 min Scan# 3120
 Delta R.T. -0.01 min
 Lab File: BG044502.D
 Acq: 19 Feb 2020 23:21

Tgt Ion:149 Resp: 713639

Ion	Ratio	Lower	Upper
149	100		
167	30.1	24.0	36.0
279	4.6	3.8	5.8





#85

Di-n-octyl phthalate

Concen: 47.365 ng

RT: 22.58 min Scan# 3318

Delta R.T. -0.02 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

Instrument :

BNA_G

ClientSampleId :

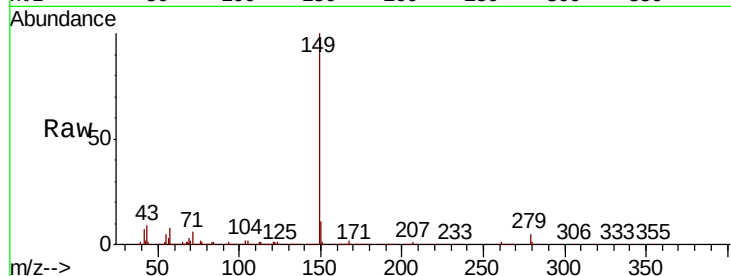
Tot Ion:149 Resp: 1263151

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

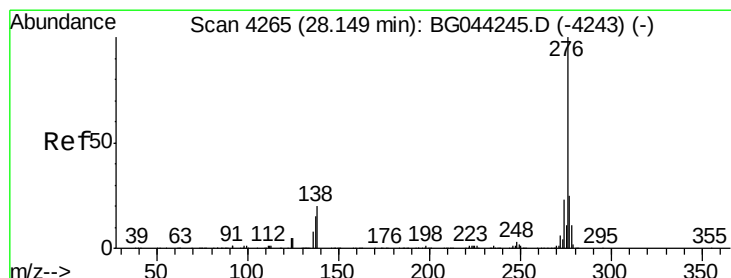
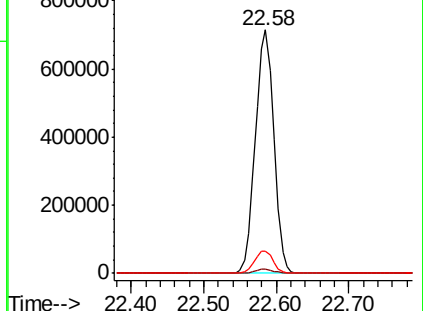
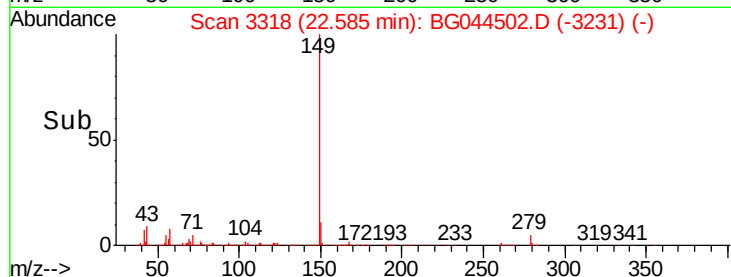
43 8.9 7.4 11.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.517 ng

RT: 28.10 min Scan# 4257

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

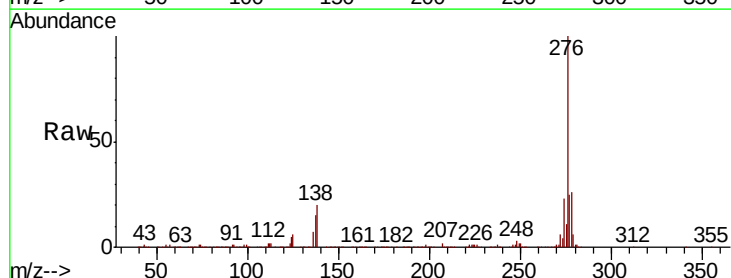
Tgt Ion:276 Resp: 1383363

Ion Ratio Lower Upper

276 100

138 24.2 19.4 29.0

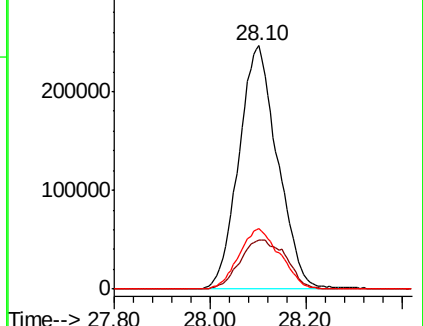
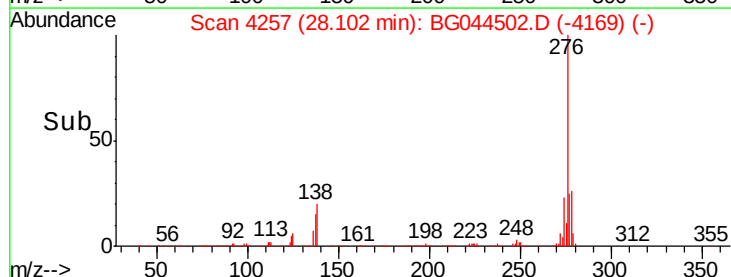
277 26.3 21.0 31.6

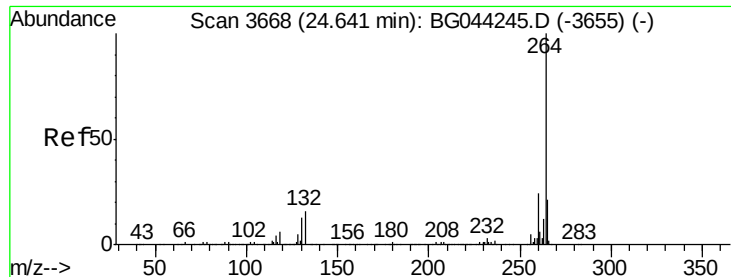


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.60 min Scan# 3661

Delta R.T. -0.02 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

Instrument :

BNA_G

ClientSampleId :

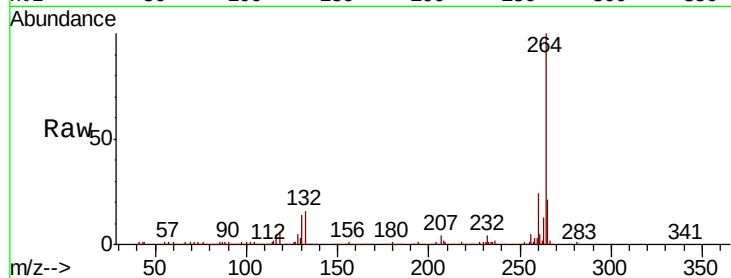
Tot Ion:264 Resp: 413898

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 21.5 16.7 25.1

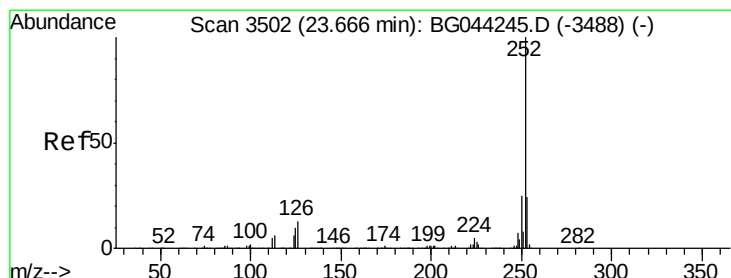
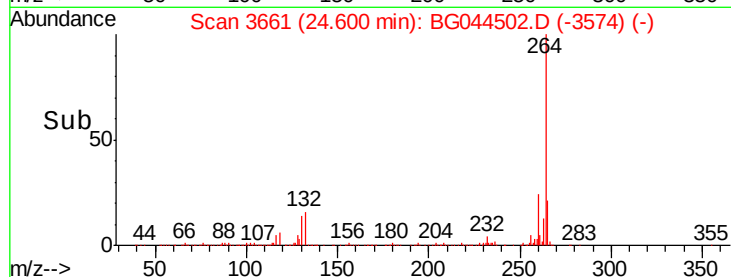
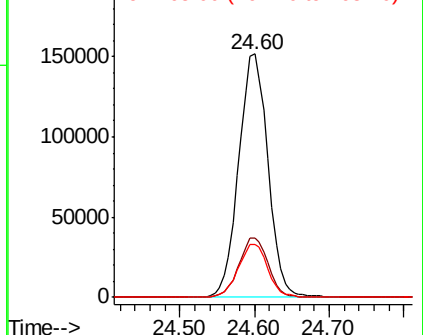


Abundance

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: 48.908 ng

RT: 23.63 min Scan# 3496

Delta R.T. -0.01 min

Lab File: BG044502.D

Acq: 19 Feb 2020 23:21

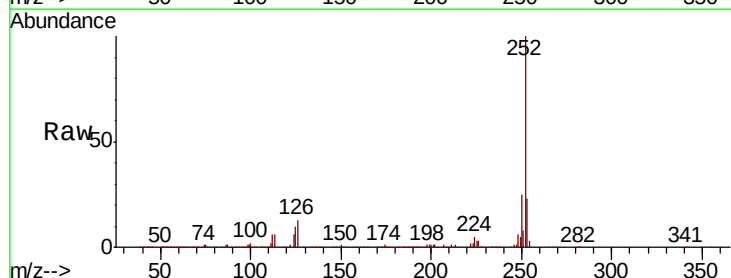
Tgt Ion:252 Resp: 1166466

Ion Ratio Lower Upper

252 100

253 23.5 19.2 28.8

125 10.0 8.4 12.6

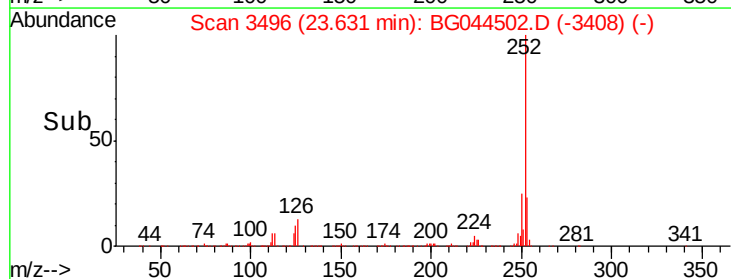
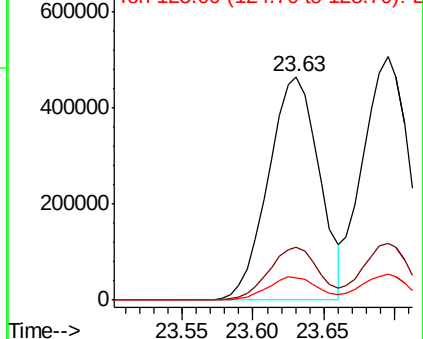


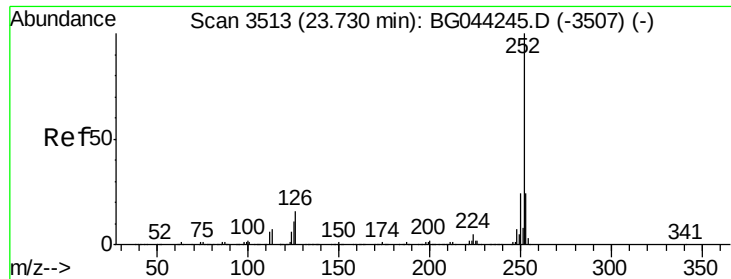
Abundance

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

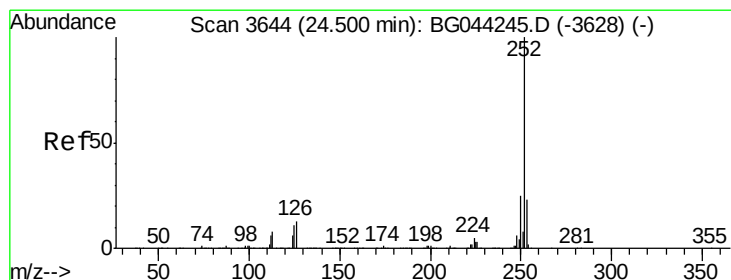
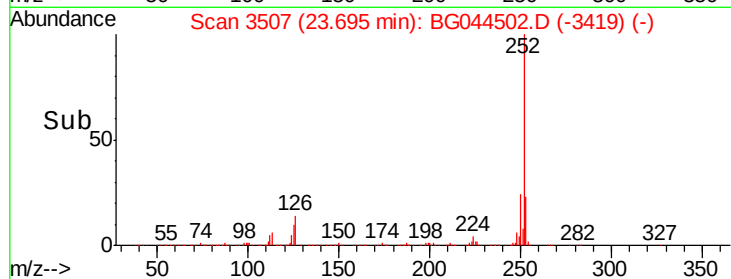
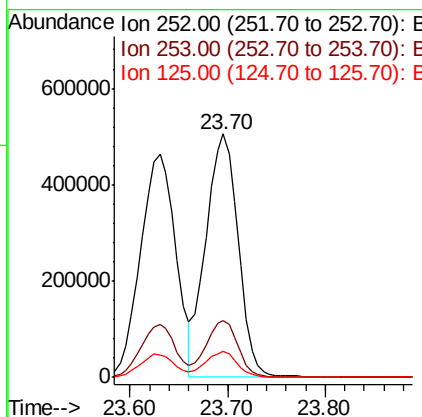
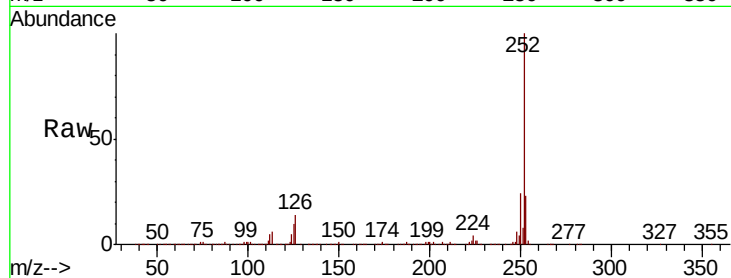




#89
Benzo(k)fluoranthene
Concen: 49.716 ng
RT: 23.70 min Scan# 3507
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

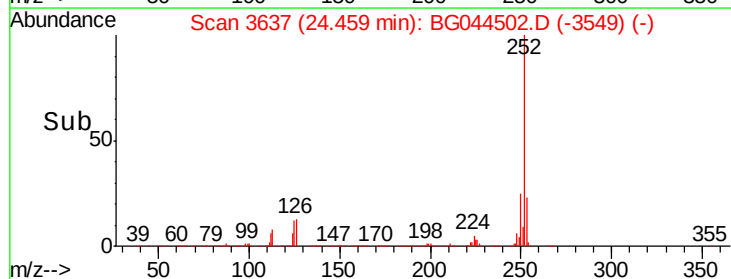
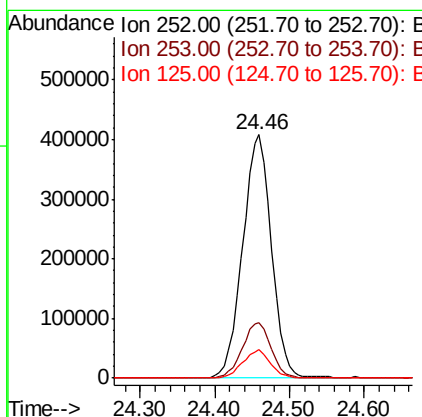
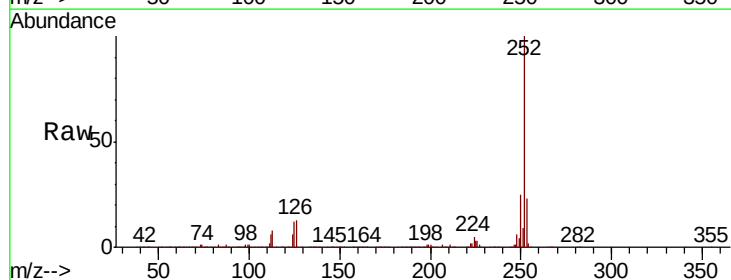
Instrument :
BNA_G
ClientSampleId :

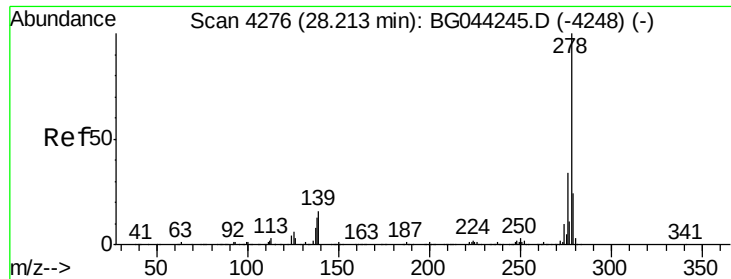
Tot Ion:252 Resp: 1155659
Ion Ratio Lower Upper
252 100
253 23.5 19.1 28.7
125 10.4 8.6 12.8



#90
Benzo(a)pyrene
Concen: 48.326 ng
RT: 24.46 min Scan# 3637
Delta R.T. -0.01 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

Tgt Ion:252 Resp: 1089760
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 11.6 8.6 13.0



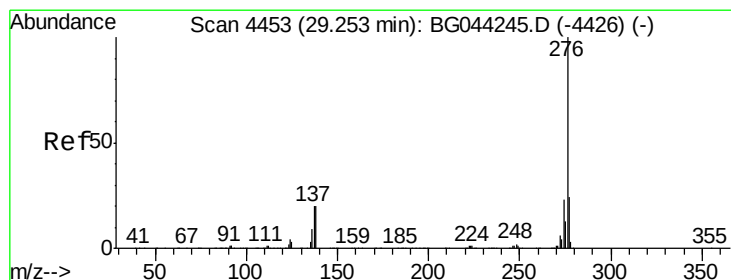
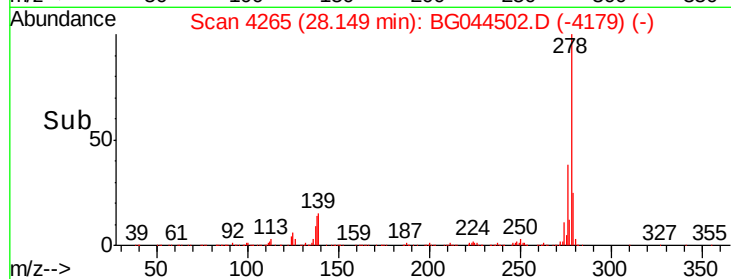
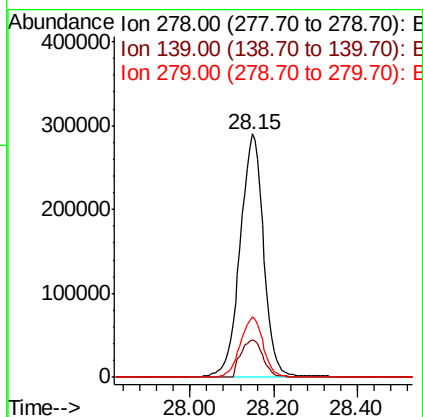
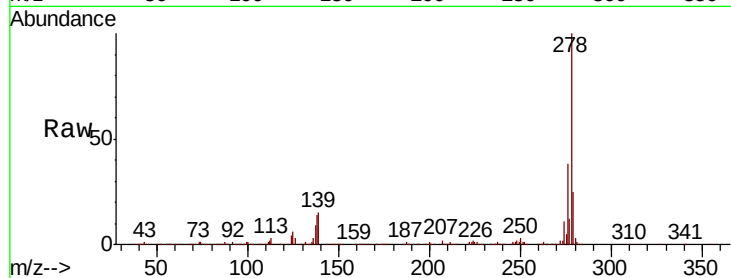


#91
Dibenzo(a,h)anthracene
Concen: 51.167 ng
RT: 28.15 min Scan# 4265
Delta R.T. -0.03 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1141898

Ion	Ratio	Lower	Upper
278	100		
139	15.5	12.7	19.1
279	24.8	19.3	28.9



#92
Benzo(g,h,i)perylene
Concen: 52.263 ng
RT: 29.18 min Scan# 4441
Delta R.T. -0.02 min
Lab File: BG044502.D
Acq: 19 Feb 2020 23:21

Tgt Ion:276 Resp: 1167603

Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.8	28.2
138	21.3	16.2	24.2

