

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
 Data File : BG044548.D
 Acq On : 21 Feb 2020 14:16
 Operator : CG/JU
 Sample : PB126974BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 21 16:11:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 21 16:02:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	46615	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	196077	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	137611	20.00	ng	0.00
64) Phenanthrene-d10	17.27	188	329991	20.00	ng	0.00
76) Chrysene-d12	21.51	240	322181	20.00	ng	0.00
87) Perylene-d12	24.58	264	371846	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	262296	99.31	ng	0.00
7) Phenol-d6	7.05	99	355286	100.17	ng	0.00
23) Nitrobenzene-d5	9.03	82	285409	82.18	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	163773	101.38	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	698899	85.05	ng	0.00
79) Terphenyl-d14	19.88	244	1317032	84.08	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.33	88	54244	45.709	ng	100
3) Pyridine	3.73	79	129445	40.942	ng	98
4) n-Nitrosodimethylamine	3.64	42	62335	47.181	ng	94
6) Aniline	7.20	93	165284	37.542	ng	98
8) 2-Chlorophenol	7.45	128	158829	54.714	ng	98
9) Benzaldehyde	7.01	77	70549	34.924	ng	98
10) Phenol	7.08	94	198488	56.545	ng	95
11) bis(2-Chloroethyl)ether	7.30	93	141130	47.028	ng	98
12) 1,3-Dichlorobenzene	7.77	146	163114	47.062	ng	99
13) 1,4-Dichlorobenzene	7.91	146	165457	48.199	ng	98
14) 1,2-Dichlorobenzene	8.24	146	155341	47.876	ng	100
15) Benzyl Alcohol	8.12	79	128204	51.055	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.41	45	181855	44.772	ng	99
17) 2-Methylphenol	8.34	107	134837	53.838	ng	99
18) Hexachloroethane	8.96	117	60201	46.734	ng	96
19) n-Nitroso-di-n-propylamine	8.69	70	111862	47.322	ng	98
20) 3+4-Methylphenols	8.66	107	186613	54.066	ng	98
22) Acetophenone	8.70	105	214835	45.039	ng	# 97
24) Nitrobenzene	9.08	77	161087	47.510	ng	99
25) Isophorone	9.60	82	315536	48.744	ng	100
26) 2-Nitrophenol	9.79	139	91500	52.008	ng	99
27) 2,4-Dimethylphenol	9.86	122	155029	62.424	ng	96
28) bis(2-Chloroethoxy)methane	10.09	93	199919	46.295	ng	98
29) 2,4-Dichlorophenol	10.33	162	162642	54.161	ng	99
30) 1,2,4-Trichlorobenzene	10.54	180	159276	46.257	ng	98
31) Naphthalene	10.73	128	472434	49.662	ng	99
32) Benzoic acid	10.02	122	36783	30.018	ng	99
33) 4-Chloroaniline	10.84	127	126990	29.351	ng	97
34) Hexachlorobutadiene	11.03	225	94079	44.403	ng	100
35) Caprolactam	11.60	113	37079	33.707	ng	99
36) 4-Chloro-3-methylphenol	11.98	107	174324	55.368	ng	99
37) 2-Methylnaphthalene	12.34	142	356502	50.473	ng	99
38) 1-Methylnaphthalene	12.56	142	337808	50.729	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.72	216	180376	43.819	ng	99

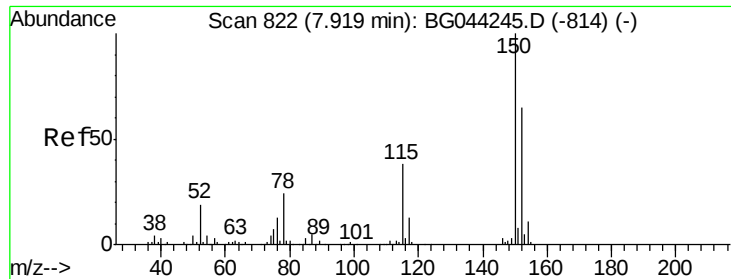
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
 Data File : BG044548.D
 Acq On : 21 Feb 2020 14:16
 Operator : CG/JU
 Sample : PB126974BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 21 16:11:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 21 16:02:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.70	237	190716	96.557	nq	99
43) 2,4,6-Trichlorophenol	12.96	196	130779	49.151	nq	97
44) 2,4,5-Trichlorophenol	13.04	196	142705	52.510	nq	98
46) 1,1'-Biphenyl	13.35	154	462271	46.572	nq	98
47) 2-Chloronaphthalene	13.39	162	360720	45.669	nq	98
48) 2-Nitroaniline	13.59	65	110652	47.469	nq	100
49) Acenaphthylene	14.24	152	594927	51.352	nq	98
50) Dimethylphthalate	13.98	163	497610	50.305	nq	99
51) 2,6-Dinitrotoluene	14.09	165	113071	51.266	nq	98
52) Acenaphthene	14.59	154	362253	48.241	nq	98
53) 3-Nitroaniline	14.42	138	78950	32.355	nq	99
54) 2,4-Dinitrophenol	14.64	184	125183	94.283	nq	97
55) Dibenzofuran	14.92	168	577299	50.777	nq	97
56) 4-Nitrophenol	14.75	139	204538	114.434	nq	99
57) 2,4-Dinitrotoluene	14.89	165	162159	52.457	nq	99
58) Fluorene	15.57	166	467392	52.195	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.16	232	133562	54.409	nq	98
60) Diethylphthalate	15.34	149	508871	51.628	nq	100
61) 4-Chlorophenyl-phenylether	15.56	204	243763	50.205	nq	99
62) 4-Nitroaniline	15.59	138	114449	46.939	nq	96
63) Azobenzene	15.86	77	438441	50.754	nq	99
65) 4,6-Dinitro-2-methylphenol	15.66	198	100436	55.138	nq	96
66) n-Nitrosodiphenylamine	15.78	169	443603	47.969	nq	99
67) 4-Bromophenyl-phenylether	16.45	248	165774	46.110	nq	95
68) Hexachlorobenzene	16.58	284	182678	45.354	nq	99
69) Atrazine	16.73	200	177476	55.991	nq	99
70) Pentachlorophenol	16.92	266	189630	92.586	nq	98
71) Phenanthrene	17.31	178	794355	49.712	nq	99
72) Anthracene	17.40	178	818034	51.780	nq	98
73) Carbazole	17.67	167	750201	51.511	nq	99
74) Di-n-butylphthalate	18.24	149	946733	52.603	nq	98
75) Fluoranthene	19.32	202	1012178	54.757	nq	98
77) Benzidine	19.50	184	442539	49.520	nq	98
78) Pyrene	19.68	202	1019921	49.294	nq	98
80) Butylbenzylphthalate	20.57	149	449722	47.696	nq	96
81) Benzo(a)anthracene	21.49	228	989367	49.826	nq	98
82) 3,3'-Dichlorobenzidine	21.41	252	292644	37.974	nq	97
83) Chrysene	21.55	228	960845	50.062	nq	98
84) Bis(2-ethylhexyl)phthalate	21.41	149	627252	48.332	nq	98
85) Di-n-octyl phthalate	22.57	149	1116968	49.742	nq	98
86) Indeno(1,2,3-cd)pyrene	28.06	276	1228657	49.068	nq	100
88) Benzo(b)fluoranthene	23.61	252	1079082	50.361	nq	99
89) Benzo(k)fluoranthene	23.68	252	1023024	48.987	nq	98
90) Benzo(a)pyrene	24.44	252	980487	48.398	nq	99
91) Dibenzo(a,h)anthracene	28.12	278	1015788	50.663	nq	98
92) Benzo(g,h,i)perylene	29.15	276	1029626	51.299	nq	98

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

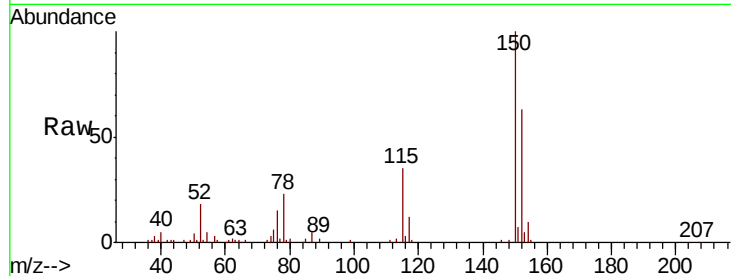


#1

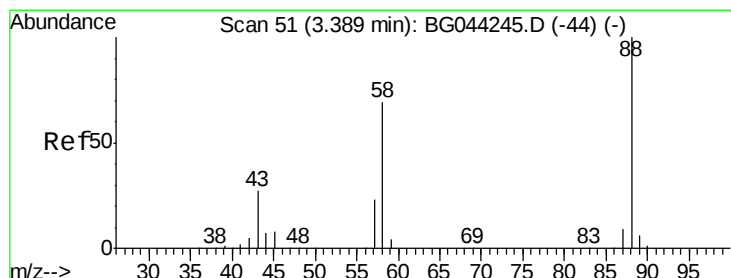
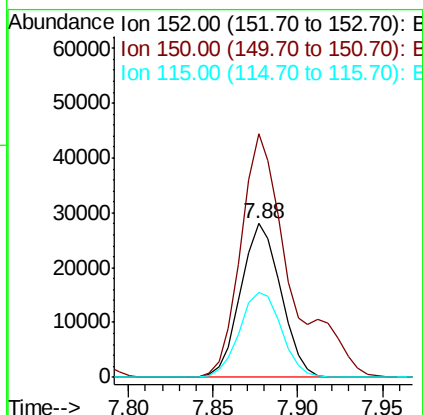
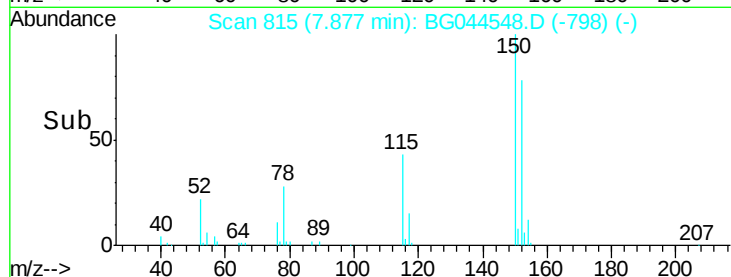
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BG044548.D
Acq: 21 Feb 2020 14:16

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 46615
Ion Ratio Lower Upper
152 100
150 158.3 123.1 184.7
115 55.0 45.1 67.7



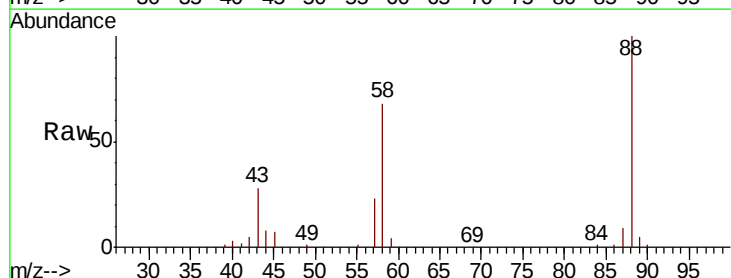
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



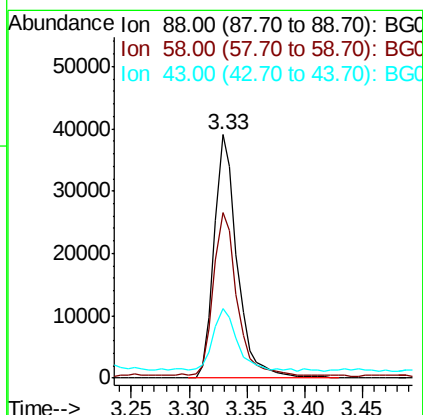
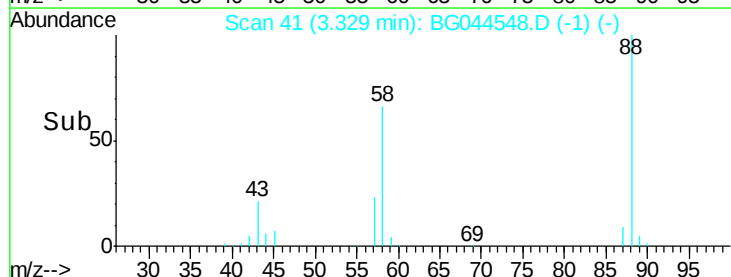
#2

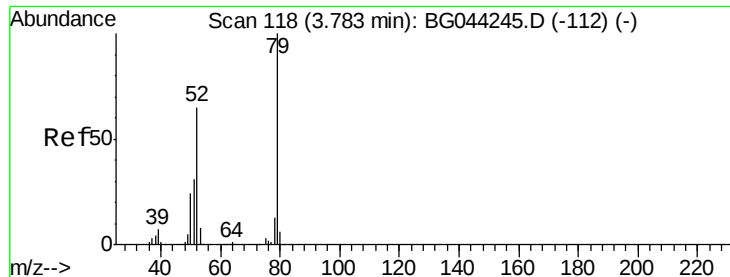
1,4-Dioxane
Concen: 45.709 ng
RT: 3.33 min Scan# 41
Delta R.T. -0.01 min
Lab File: BG044548.D
Acq: 21 Feb 2020 14:16

Tgt Ion: 88 Resp: 54244
Ion Ratio Lower Upper
88 100
58 68.5 54.8 82.2
43 27.3 21.2 31.8



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: 40.942 ng

RT: 3.73 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG044548.D

Acq: 21 Feb 2020 14:16

Instrument :

BNA_G

ClientSampleId :

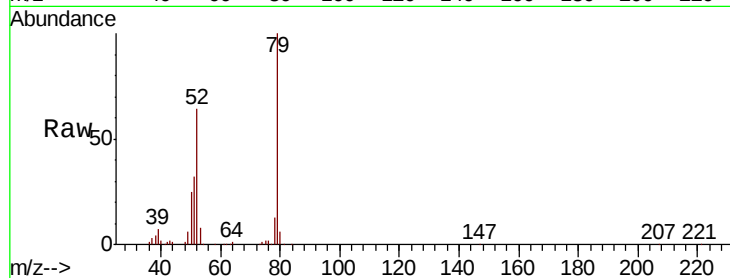
Tot Ion: 79 Resp: 129445

Ion Ratio Lower Upper

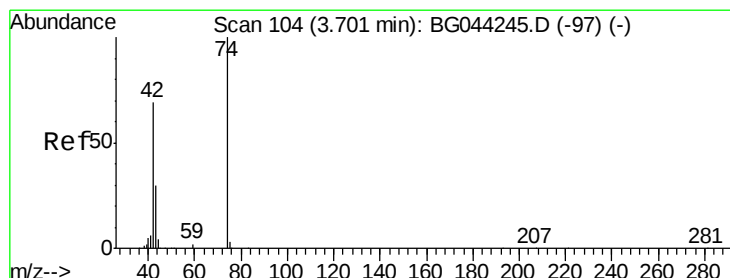
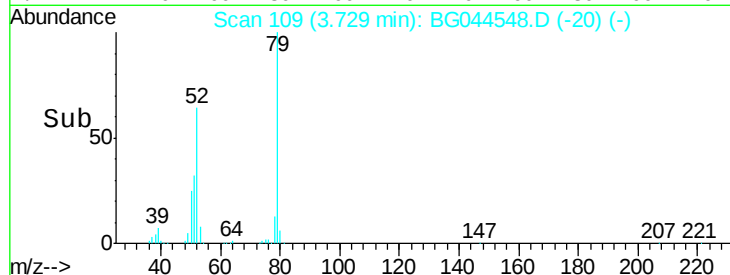
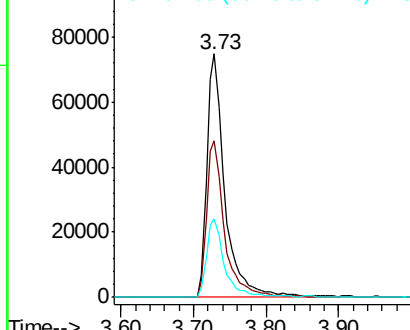
79 100

52 64.1 53.0 79.4

51 32.5 25.7 38.5



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: 47.181 ng

RT: 3.64 min Scan# 94

Delta R.T. -0.01 min

Lab File: BG044548.D

Acq: 21 Feb 2020 14:16

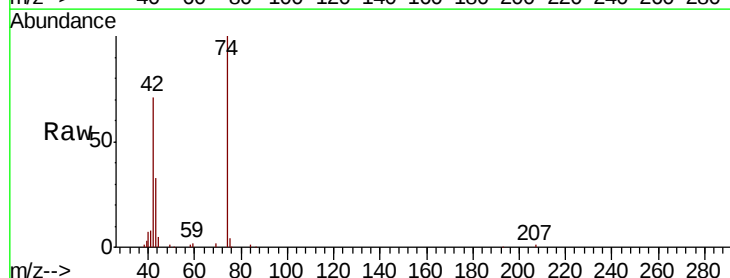
Tgt Ion: 42 Resp: 62335

Ion Ratio Lower Upper

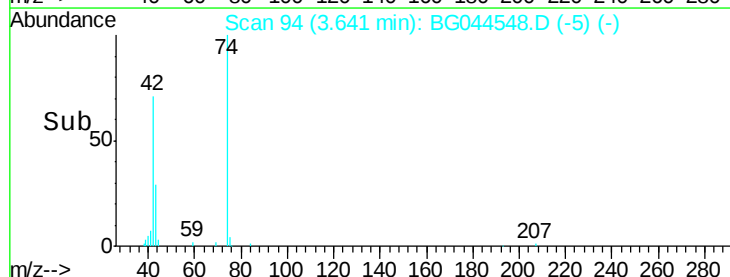
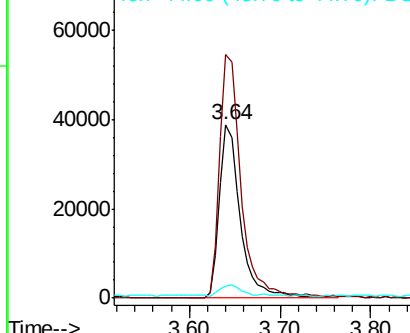
42 100

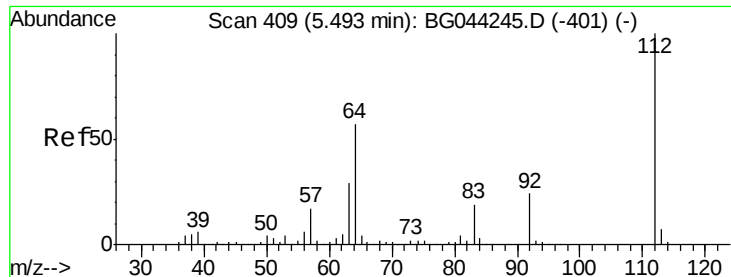
74 140.4 118.4 177.6

44 6.9 6.0 9.0



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: 99.305 ng

RT: 5.46 min Scan# 403

Delta R.T. -0.00 min

Lab File: BG044548.D

Acq: 21 Feb 2020 14:16

Instrument :

BNA_G

ClientSampleId :

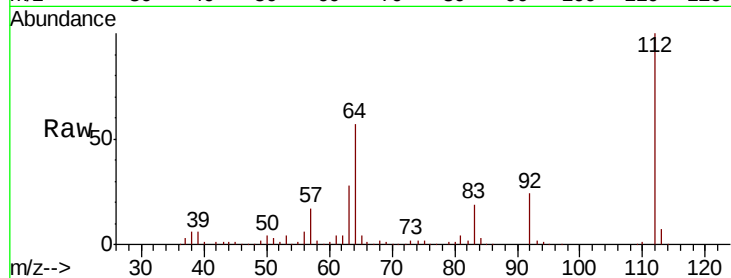
Tot Ion: 112 Resp: 262296

Ion Ratio Lower Upper

112 100

64 57.0 44.5 66.7

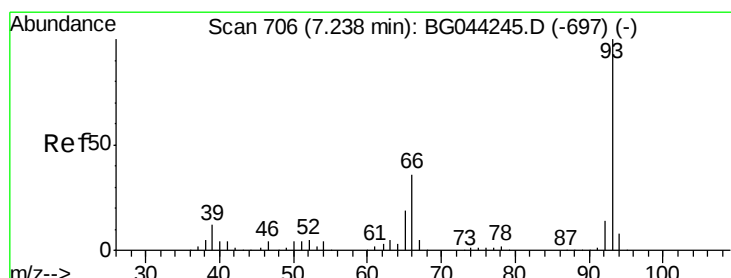
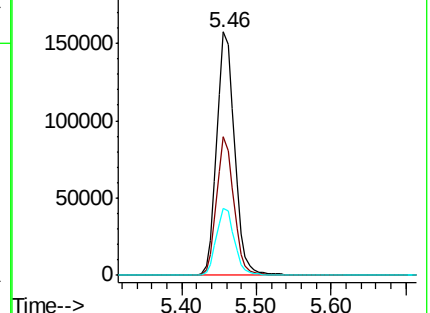
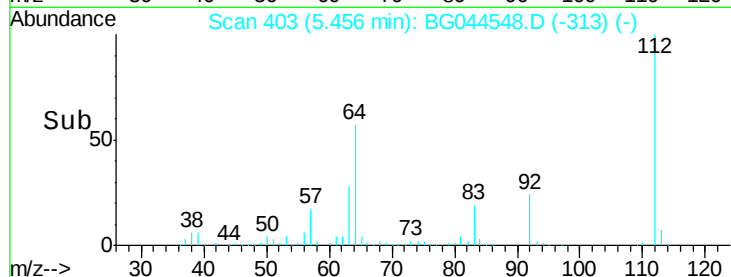
63 27.7 22.2 33.2



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: 37.542 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044548.D

Acq: 21 Feb 2020 14:16

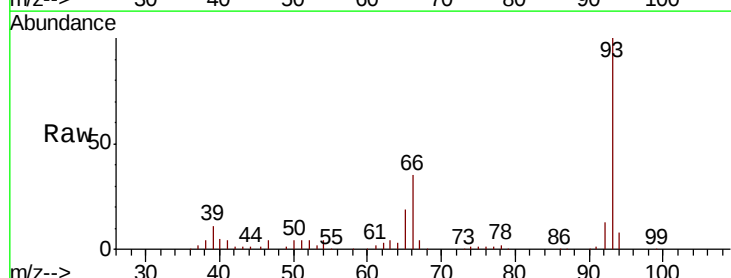
Tgt Ion: 93 Resp: 165284

Ion Ratio Lower Upper

93 100

66 35.4 29.6 44.4

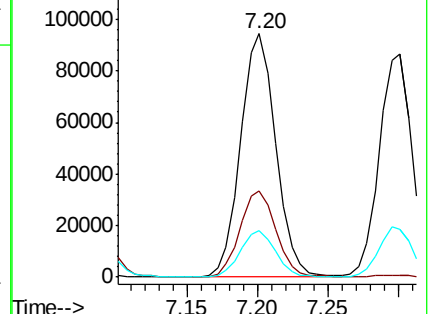
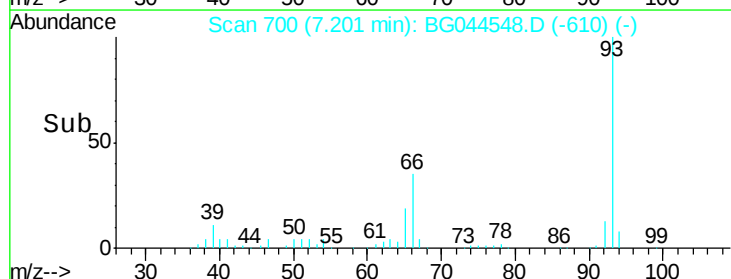
65 19.1 15.0 22.4

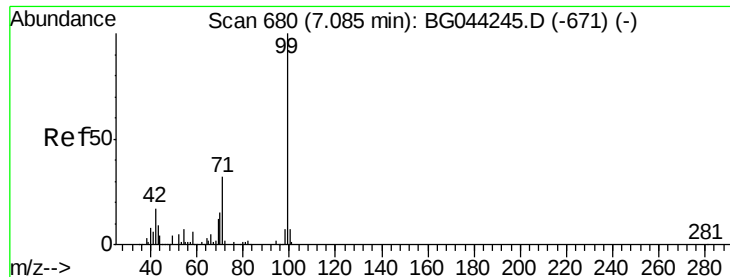


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 100.168 ng

RT: 7.05 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG044548.D

Acq: 21 Feb 2020 14:16

Instrument :

BNA_G

ClientSampleId :

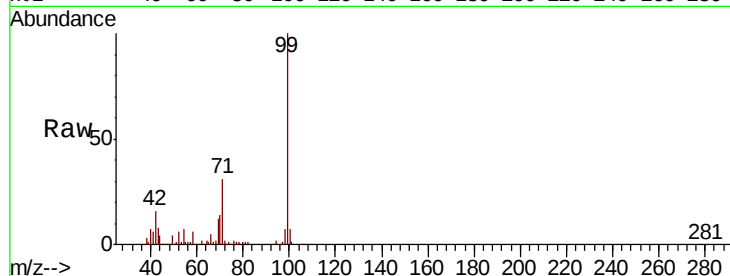
Tot Ion: 99 Resp: 355286

Ion Ratio Lower Upper

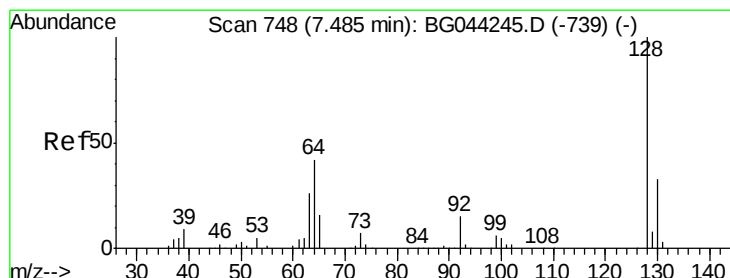
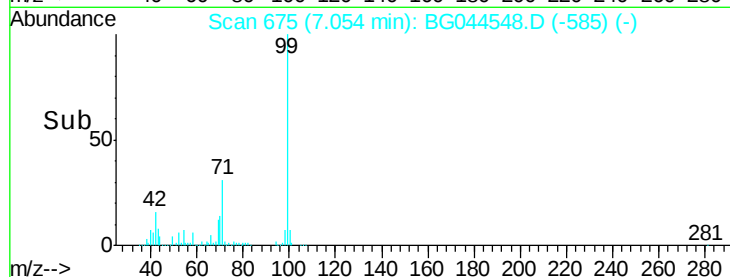
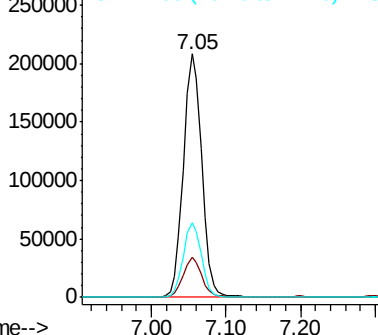
99 100

42 16.3 13.4 20.0

71 30.5 24.7 37.1



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: 54.714 ng

RT: 7.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG044548.D

Acq: 21 Feb 2020 14:16

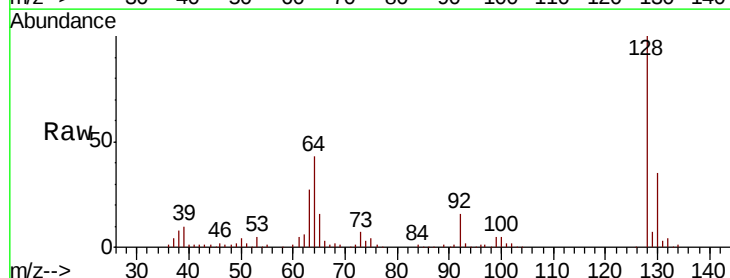
Tgt Ion: 128 Resp: 158829

Ion Ratio Lower Upper

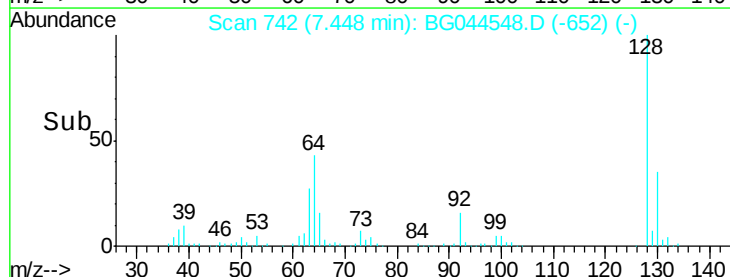
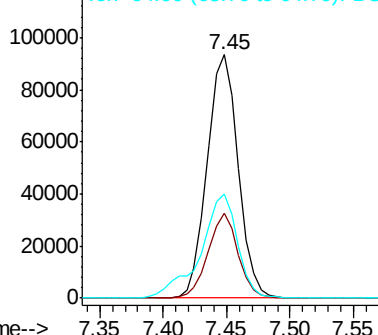
128 100

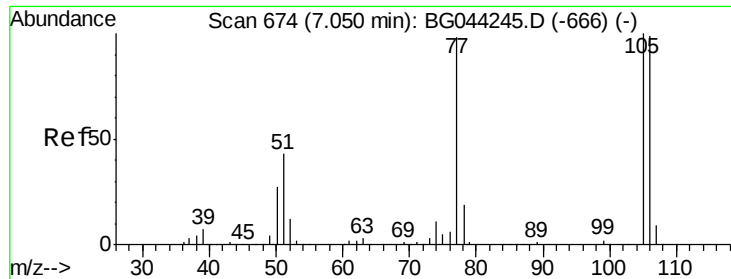
130 34.7 12.5 52.5

64 43.0 22.7 62.7



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





#9

Benzaldehyde

Concen: 34.924 ng

RT: 7.01 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG044548.D

Acq: 21 Feb 2020 14:16

Instrument :

BNA_G

ClientSampled :

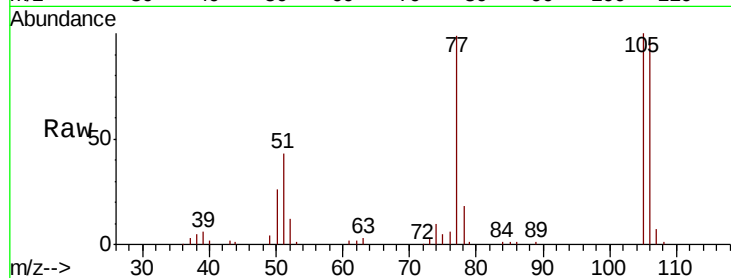
Tot Ion: 77 Resp: 70549

Ion Ratio Lower Upper

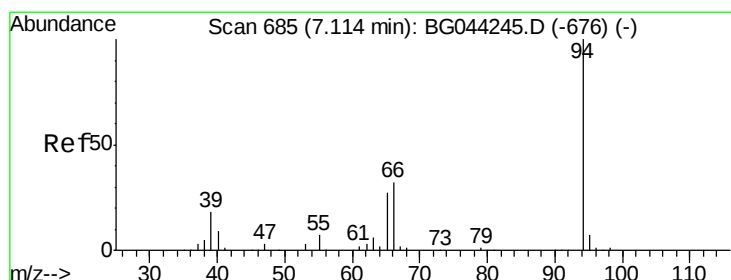
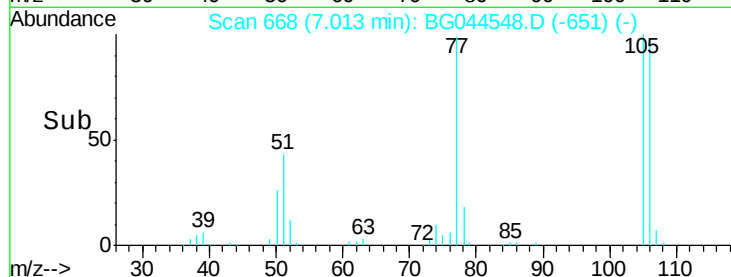
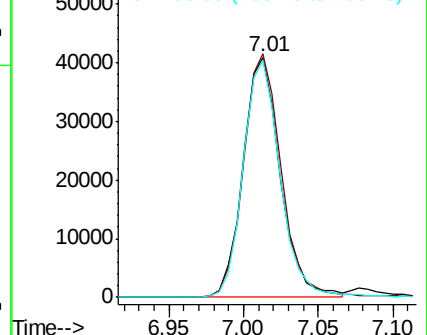
77 100

105 101.4 80.0 120.0

106 98.6 75.4 115.4



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: 56.545 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG044548.D

Acq: 21 Feb 2020 14:16

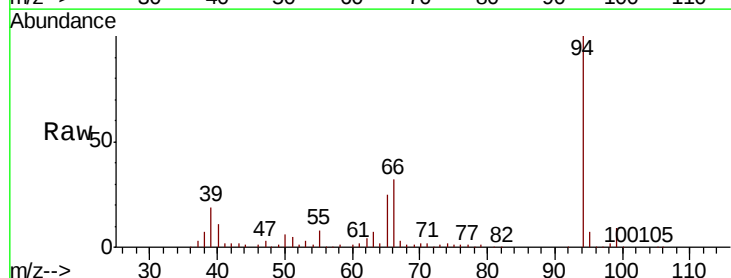
Tgt Ion: 94 Resp: 198488

Ion Ratio Lower Upper

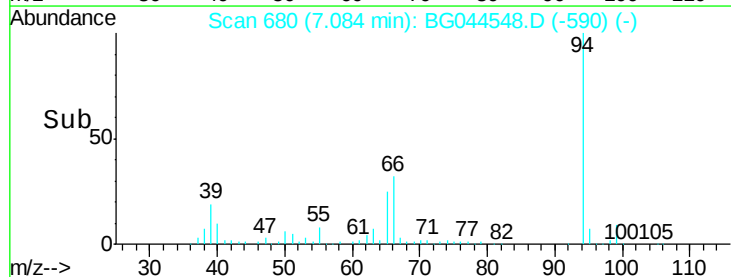
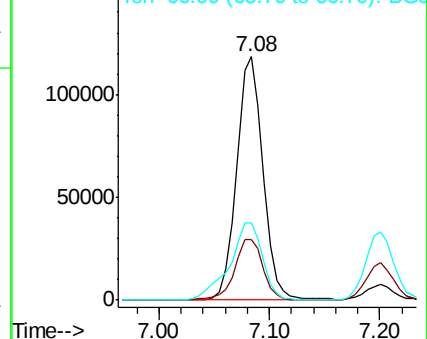
94 100

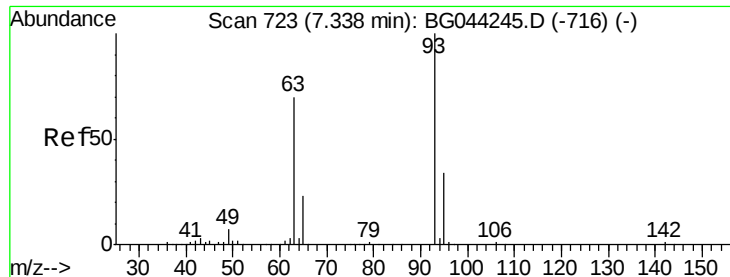
65 24.8 7.3 47.3

66 32.0 15.4 55.4



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



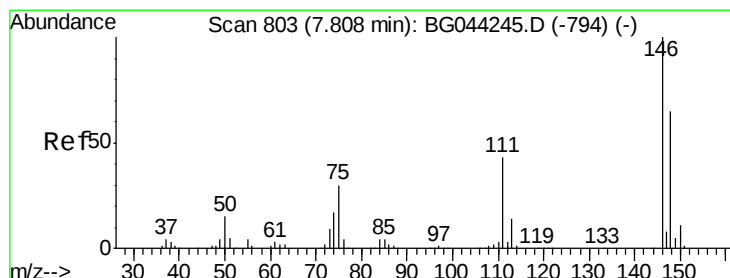
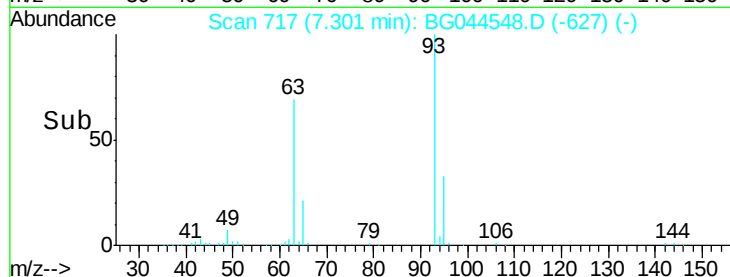
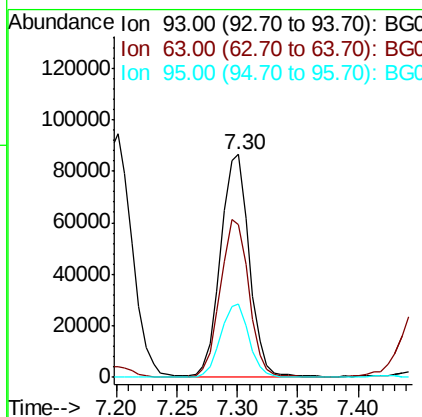
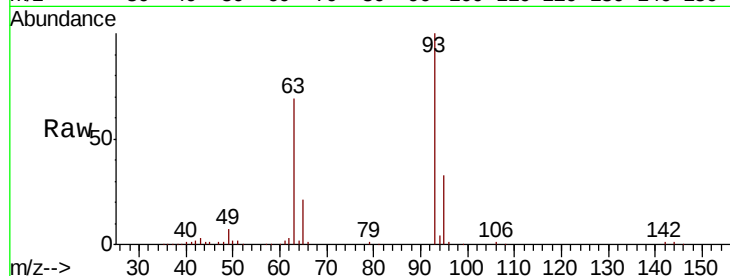


#11
bis(2-Chloroethyl)ether
Concen: 47.028 ng
RT: 7.30 min Scan# 717
Delta R.T. -0.00 min
Lab File: BG044548.D
Acq: 21 Feb 2020 14:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 141130

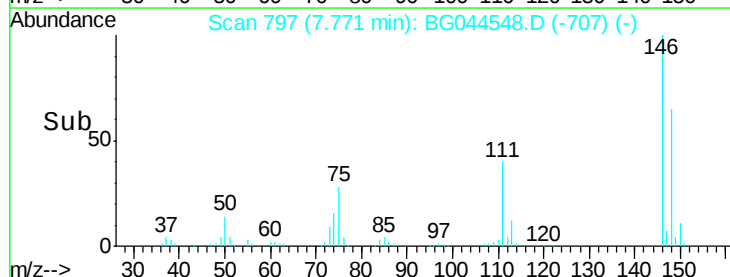
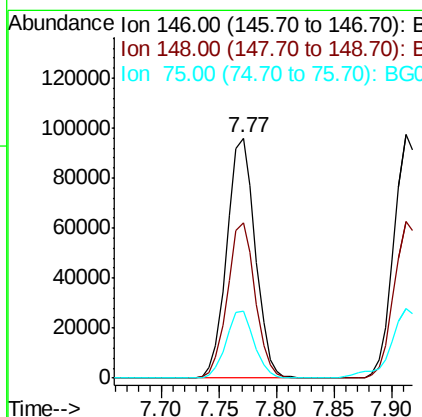
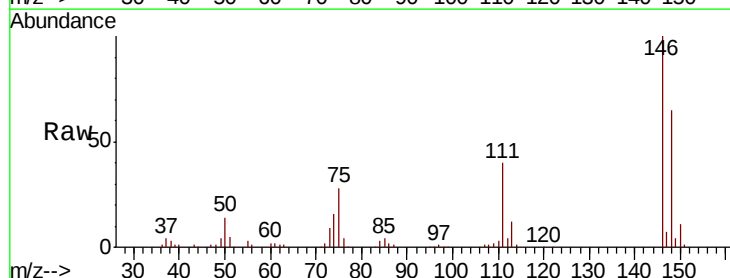
Ion	Ratio	Lower	Upper
93	100		
63	68.7	50.8	90.8
95	32.7	11.7	51.7

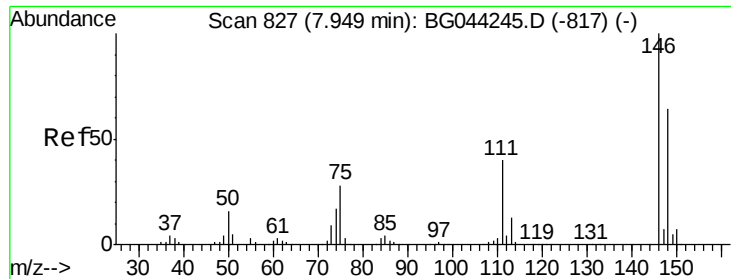


#12
1,3-Dichlorobenzene
Concen: 47.062 ng
RT: 7.77 min Scan# 797
Delta R.T. -0.00 min
Lab File: BG044548.D
Acq: 21 Feb 2020 14:16

Tgt Ion: 146 Resp: 163114

Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.4	77.2
75	27.9	21.9	32.9

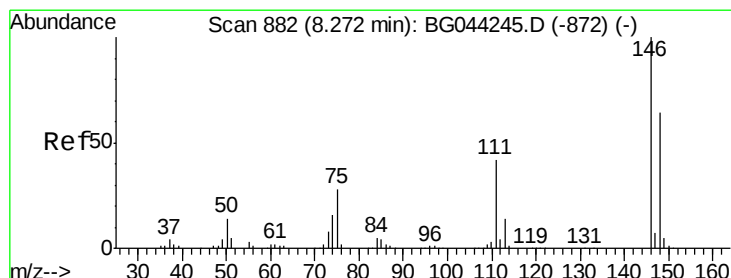
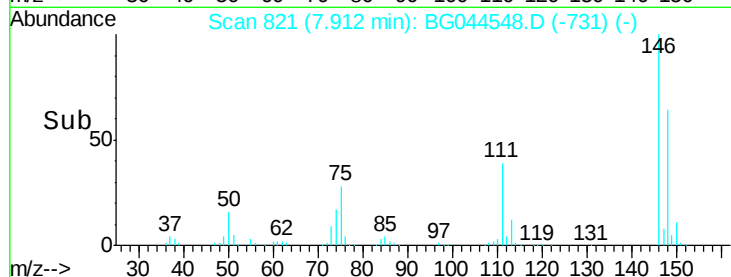
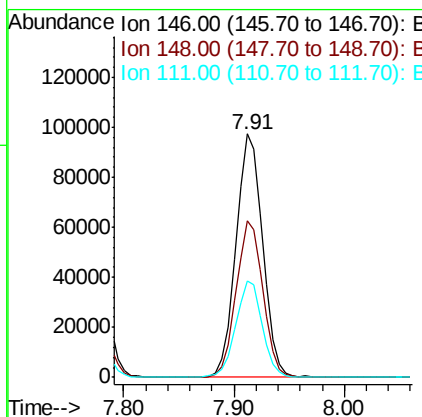
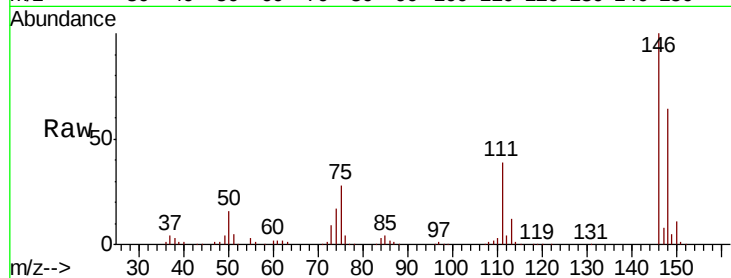




#13
 1,4-Dichlorobenzene
 Concen: 48.199 ng
 RT: 7.91 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BG044548.D
 Acq: 21 Feb 2020 14:16

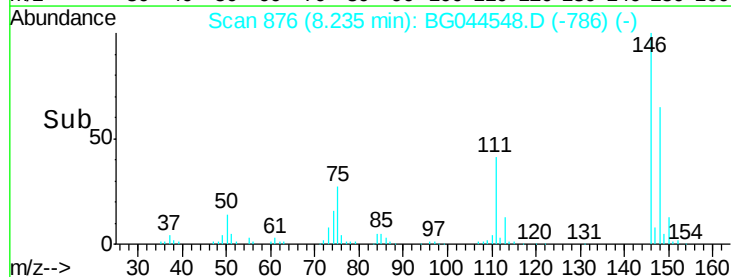
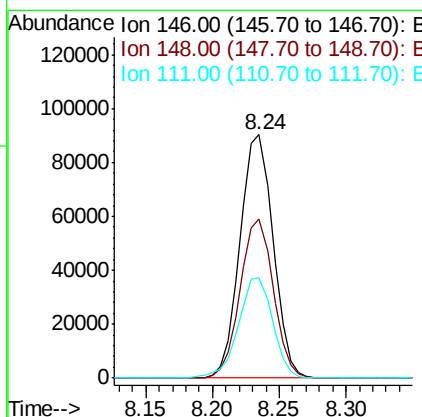
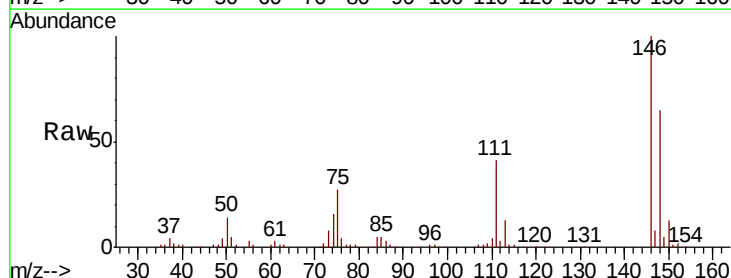
Instrument :
 BNA_G
 ClientSampled :

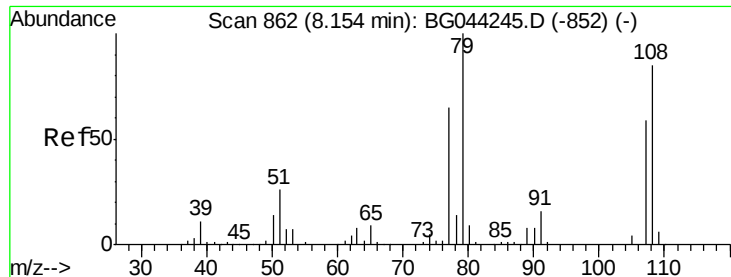
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	49.9	74.9
111	39.4	31.0	46.6



#14
 1,2-Dichlorobenzene
 Concen: 47.876 ng
 RT: 8.24 min Scan# 876
 Delta R.T. -0.00 min
 Lab File: BG044548.D
 Acq: 21 Feb 2020 14:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.9	77.9
111	41.3	33.1	49.7





#15

Benzyl Alcohol

Concen: 51.055 ng

RT: 8.12 min Scan# 856

Delta R.T. -0.00 min

Lab File: BG044548.D

Acq: 21 Feb 2020 14:16

Instrument :
BNA_G
ClientSampleId :

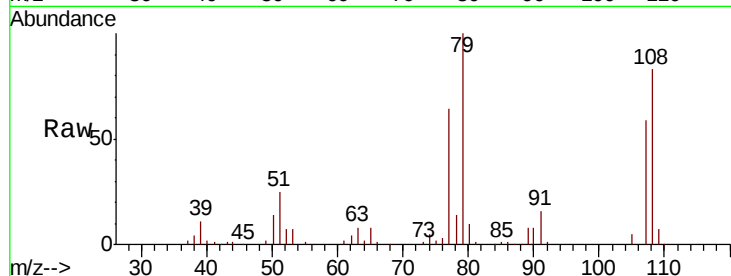
Tot Ion: 79 Resp: 128204

Ion Ratio Lower Upper

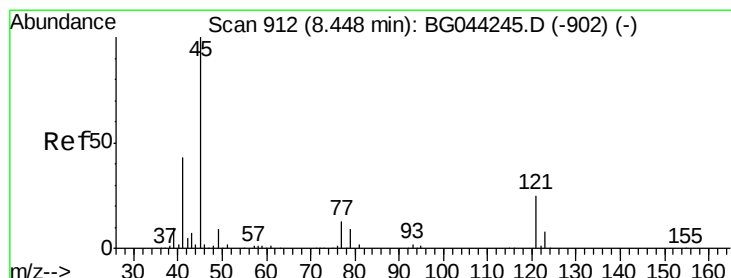
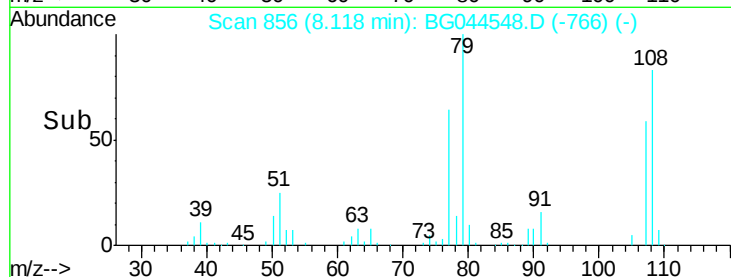
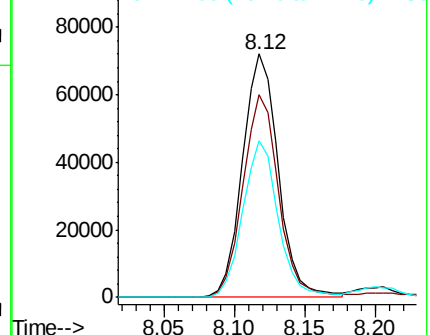
79 100

108 83.5 66.0 99.0

77 64.2 50.7 76.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.772 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.00 min

Lab File: BG044548.D

Acq: 21 Feb 2020 14:16

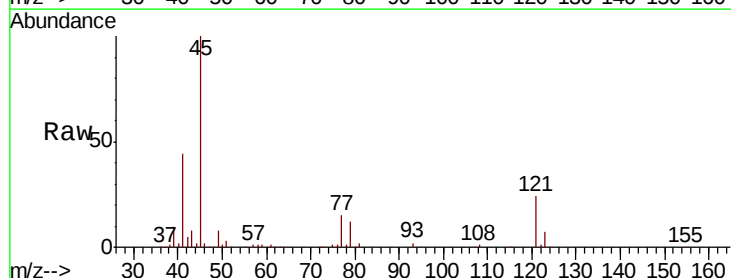
Tgt Ion: 45 Resp: 181855

Ion Ratio Lower Upper

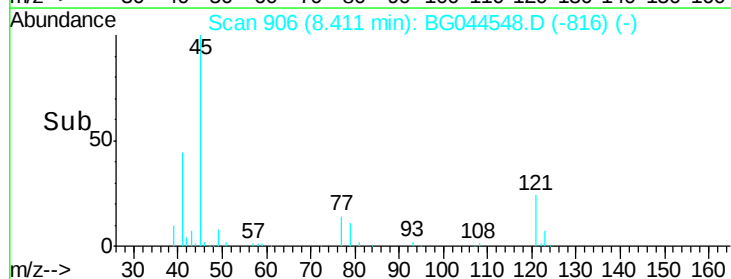
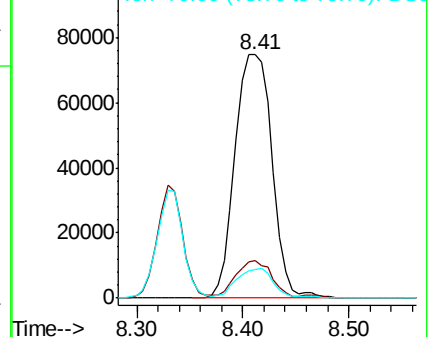
45 100

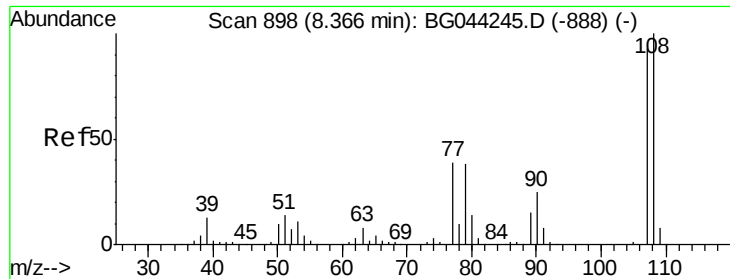
77 15.2 0.0 35.2

79 11.7 0.0 30.9



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

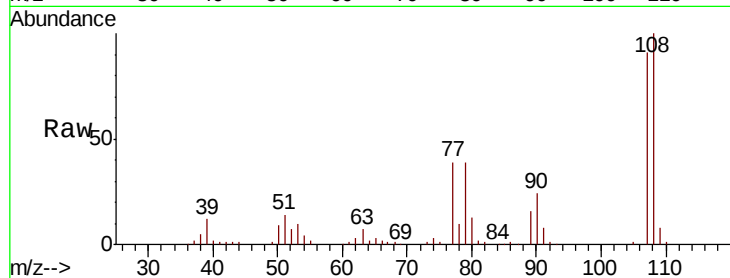




#17
2-Methylphenol
Concen: 53.838 ng
RT: 8.34 min Scan# 893
Delta R.T. 0.01 min
Lab File: BG044548.D
Acq: 21 Feb 2020 14:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.0	88.1	132.1
77	42.6	33.8	50.6
79	42.5	32.7	49.1



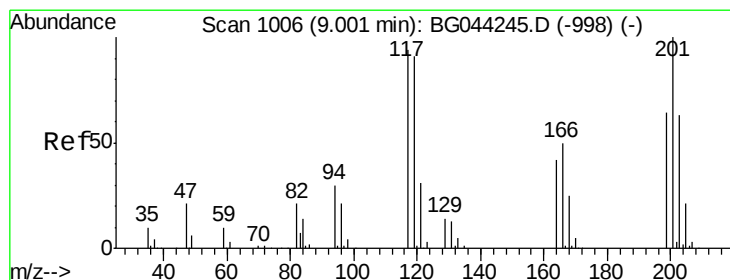
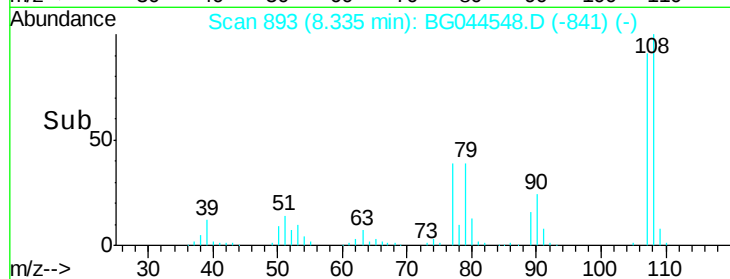
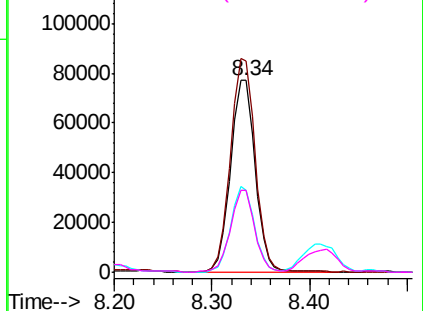
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

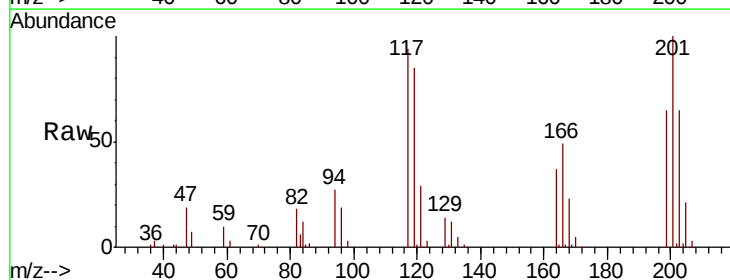
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 46.734 ng
RT: 8.96 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BG044548.D
Acq: 21 Feb 2020 14:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.9	75.5	113.3
201	106.9	88.6	133.0

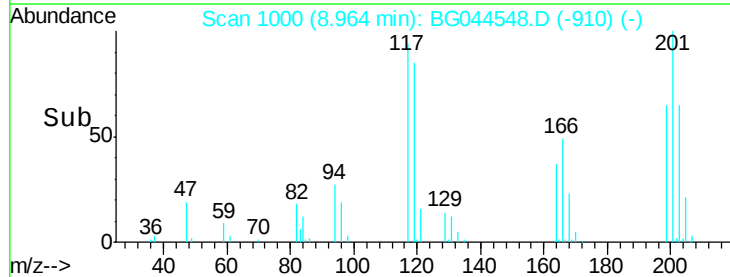
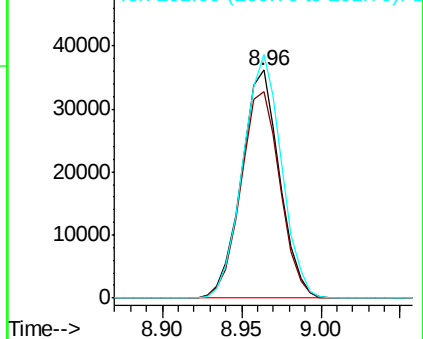


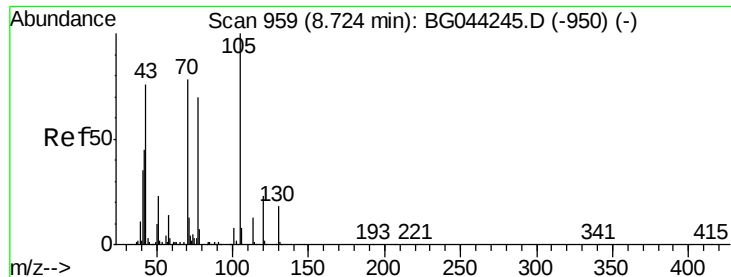
Abundance

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

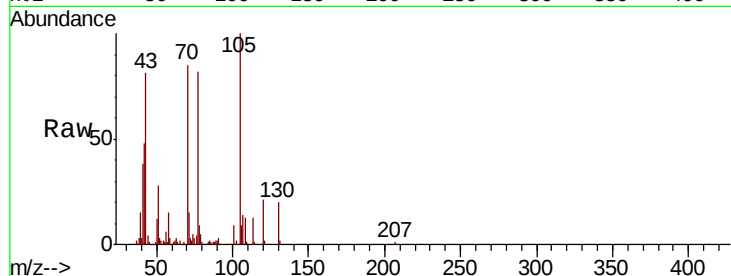




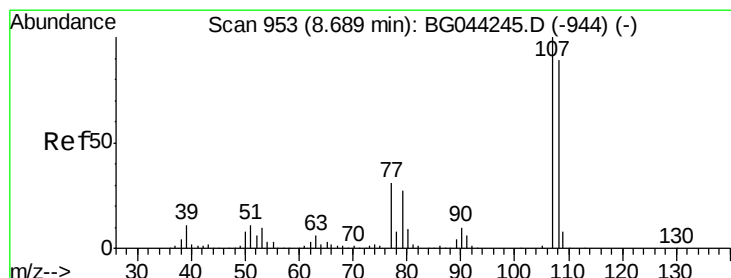
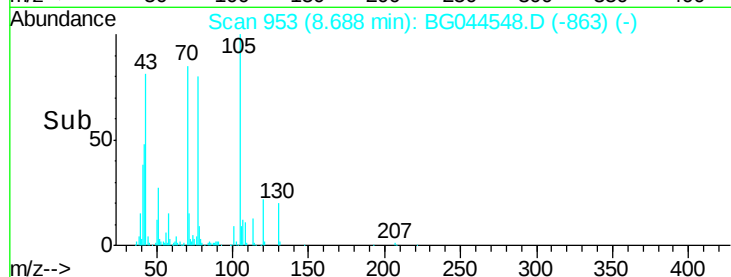
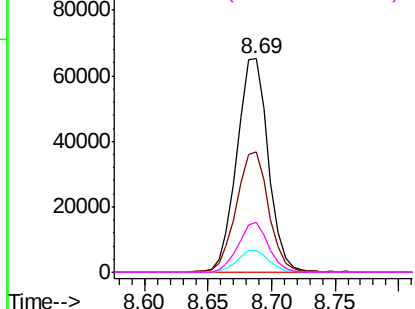
#19
n-Nitroso-di-n-propylamine
Concen: 47.322 ng
RT: 8.69 min Scan# 953
Delta R.T. -0.00 min
Lab File: BG044548.D
Acq: 21 Feb 2020 14:16

Instrument :
BNA_G
ClientSampled :

Tot Ion:	70	Resp:	111862
Ion	Ratio	Lower	Upper
70	100		
42	56.2	44.0	66.0
101	10.2	7.6	11.4
130	23.5	18.2	27.2

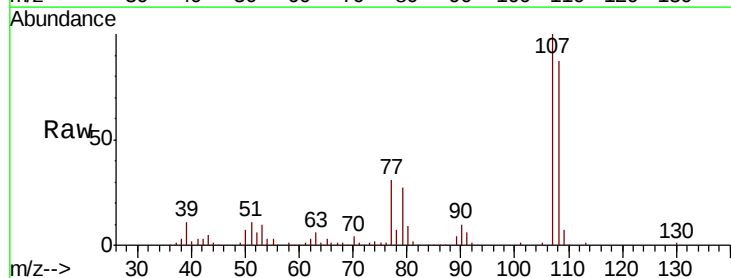


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

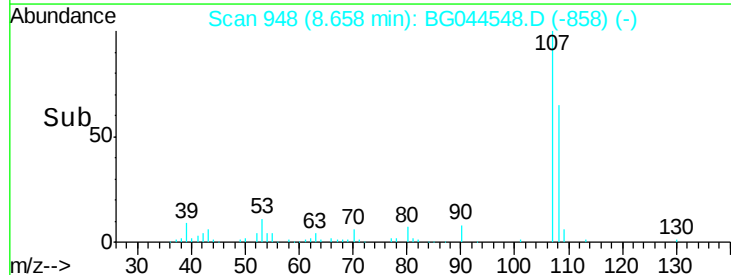
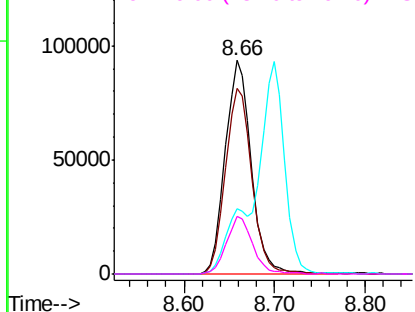


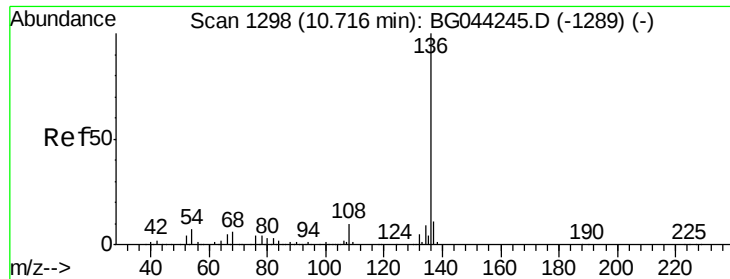
#20
3+4-Methylphenols
Concen: 54.066 ng
RT: 8.66 min Scan# 948
Delta R.T. -0.00 min
Lab File: BG044548.D
Acq: 21 Feb 2020 14:16

Tgt Ion:	107	Resp:	186613
Ion	Ratio	Lower	Upper
107	100		
108	86.8	69.2	109.2
77	30.8	10.5	50.5
79	27.1	6.4	46.4



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.68 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BG044548.D

Acq: 21 Feb 2020 14:16

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 196077

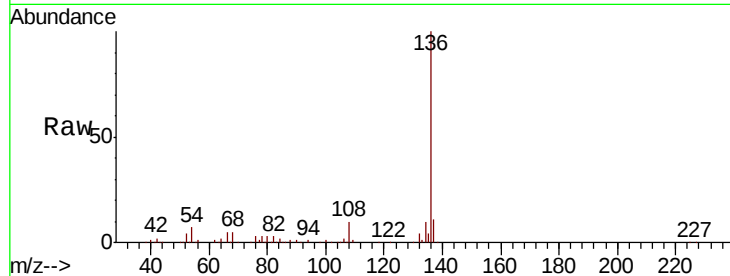
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 7.1 5.5 8.3

68 5.3 4.6 6.8

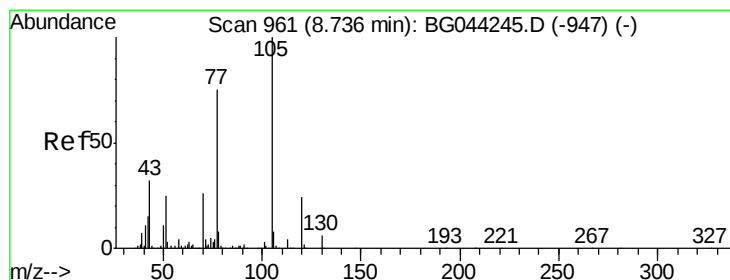
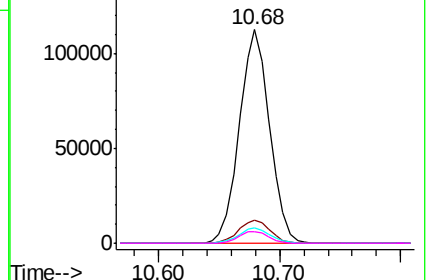
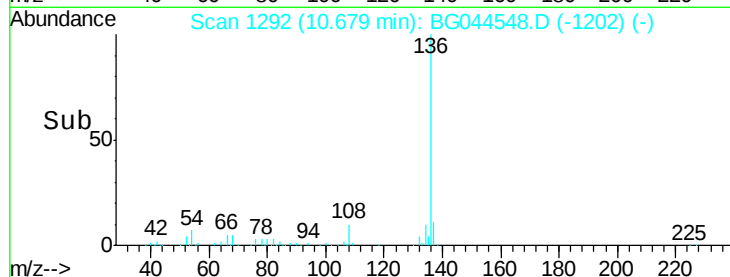


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 45.039 ng

RT: 8.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BG044548.D

Acq: 21 Feb 2020 14:16

Tgt Ion:105 Resp: 214835

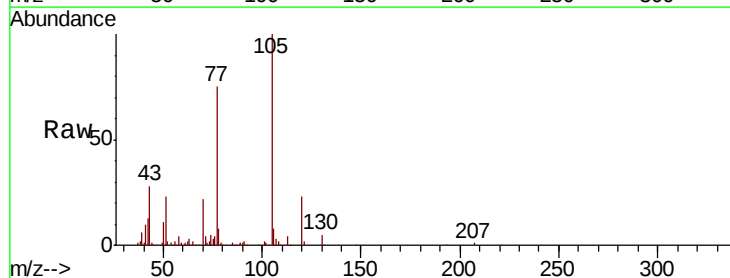
Ion Ratio Lower Upper

105 100

71 4.0 4.2 6.4#

51 23.0 20.1 30.1

120 22.8 18.9 28.3

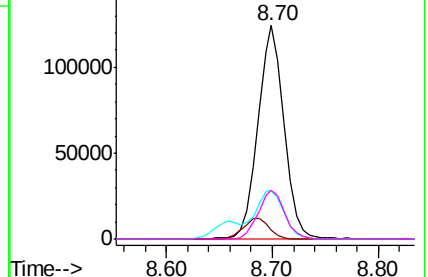
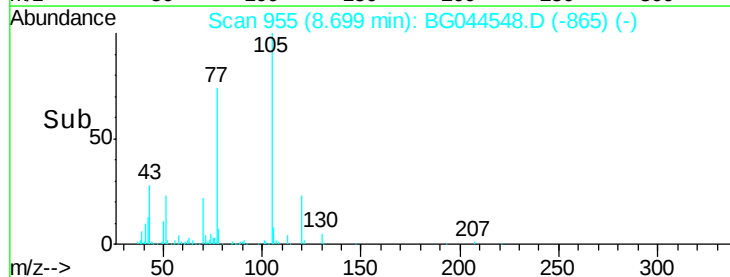


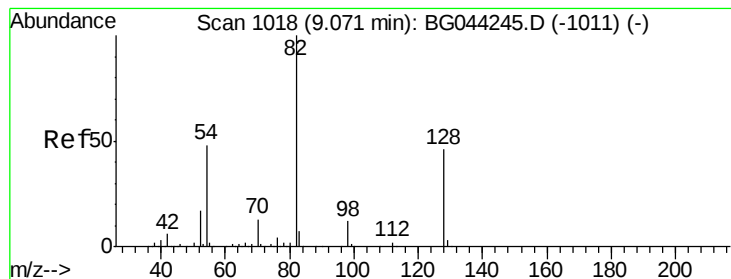
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 82.178 ng

RT: 9.03 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BG044548.D

Acq: 21 Feb 2020 14:16

Instrument :

BNA_G

ClientSampled :

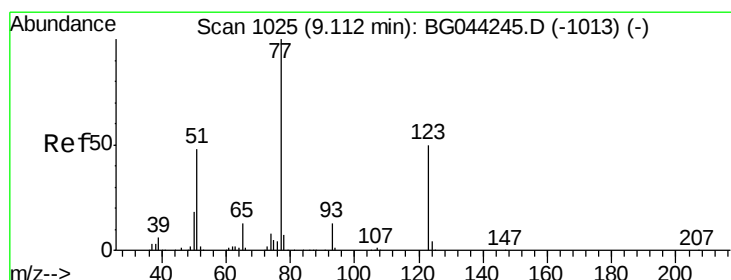
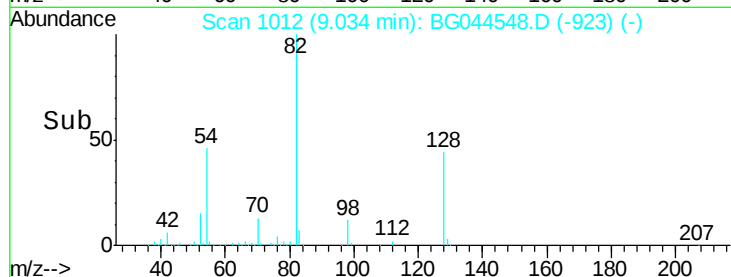
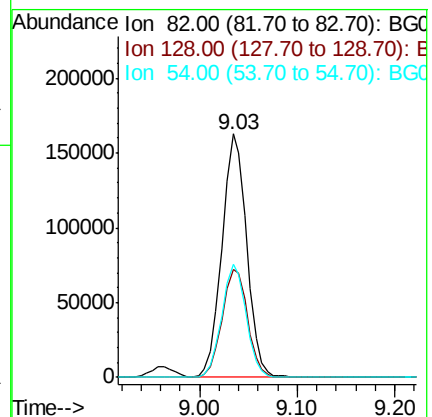
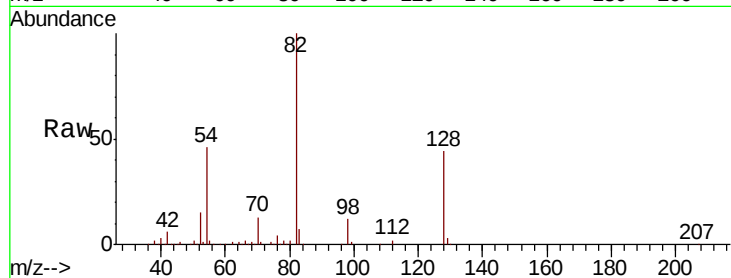
Tot Ion: 82 Resp: 285409

Ion Ratio Lower Upper

82 100

128 44.4 39.1 58.7

54 46.3 37.9 56.9



#24

Nitrobenzene

Concen: 47.510 ng

RT: 9.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BG044548.D

Acq: 21 Feb 2020 14:16

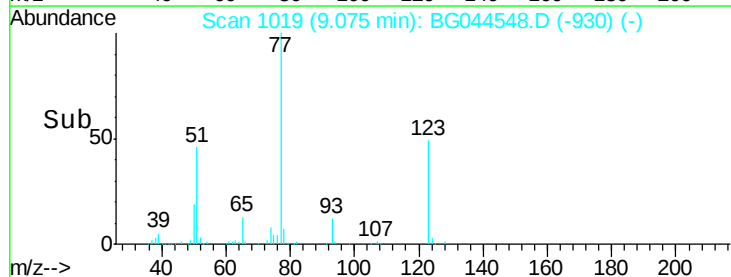
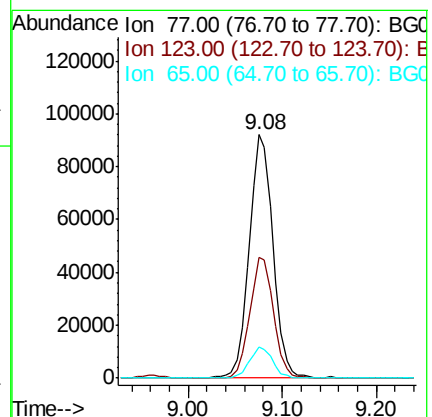
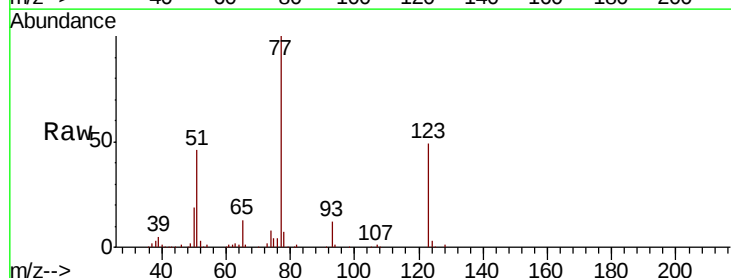
Tgt Ion: 77 Resp: 161087

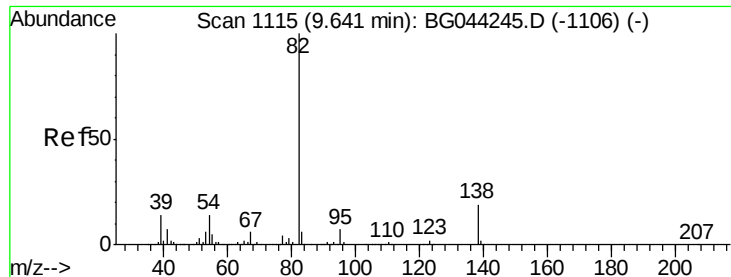
Ion Ratio Lower Upper

77 100

123 49.5 40.2 60.2

65 12.7 10.8 16.2





#25

Isophorone

Concen: 48.744 ng

RT: 9.60 min Scan# 1109

Delta R.T. -0.00 min

Lab File: BG044548.D

Acq: 21 Feb 2020 14:16

Instrument :

BNA_G

ClientSampleId :

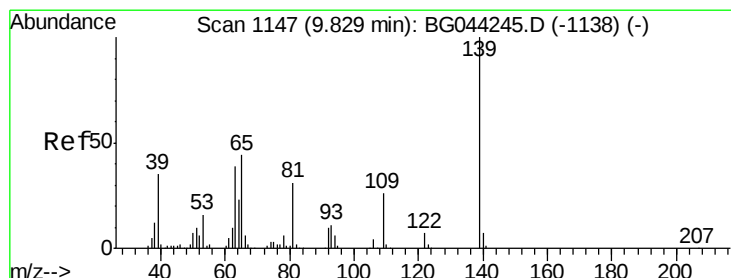
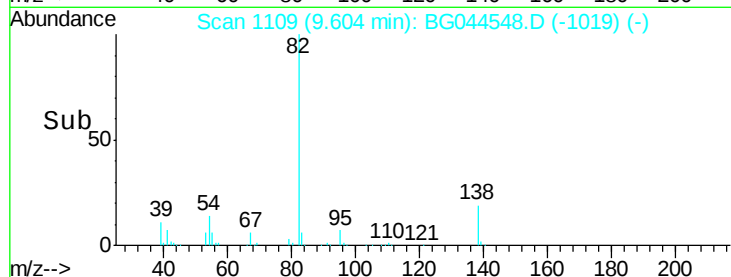
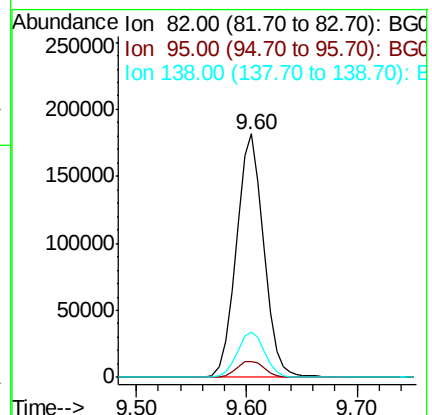
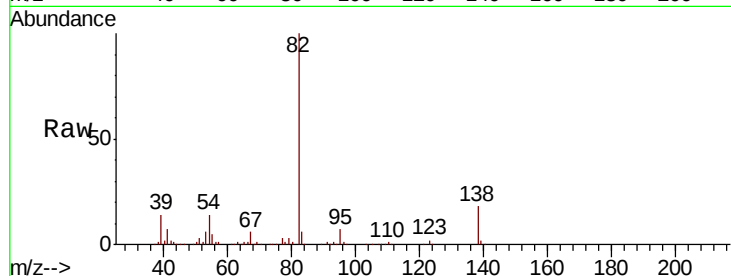
Tot Ion: 82 Resp: 31536

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

138 18.4 14.6 22.0



#26

2-Nitrophenol

Concen: 52.008 ng

RT: 9.79 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BG044548.D

Acq: 21 Feb 2020 14:16

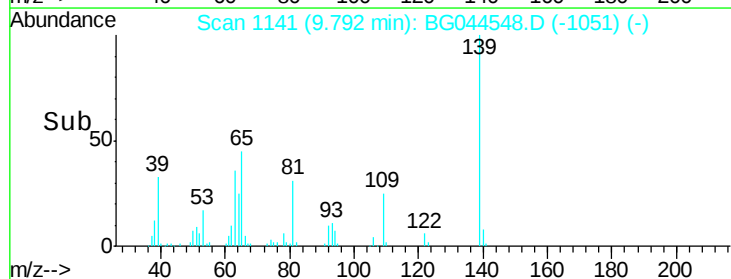
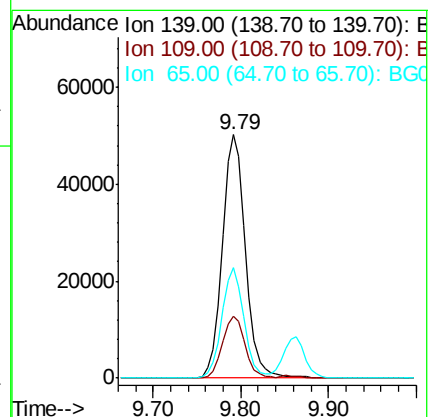
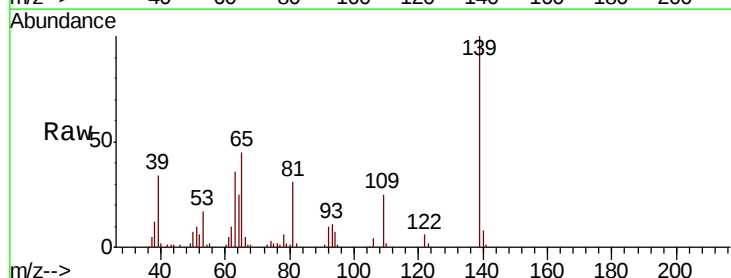
Tgt Ion: 139 Resp: 91500

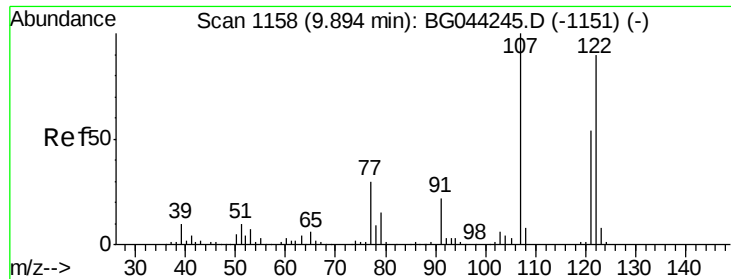
Ion Ratio Lower Upper

139 100

109 25.2 20.1 30.1

65 45.4 35.4 53.2

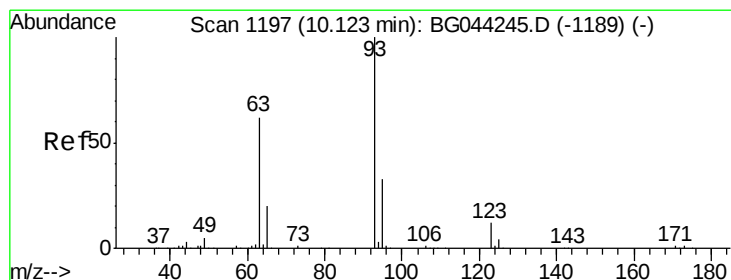
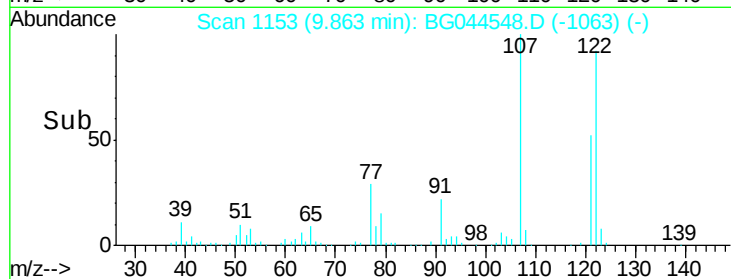
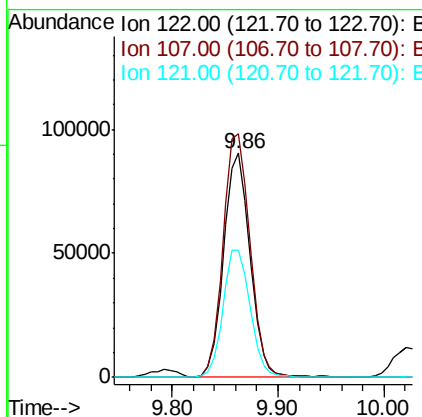
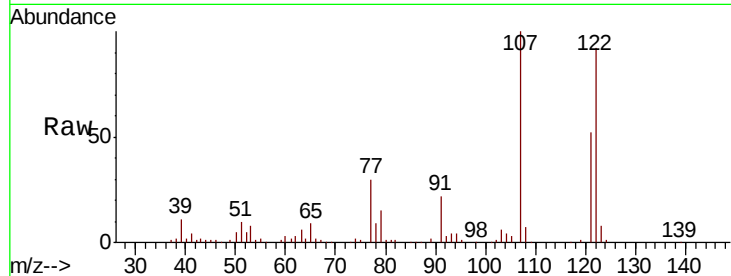




#27
 2,4-Dimethylphenol
 Concen: 62.424 ng
 RT: 9.86 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG044548.D
 Acq: 21 Feb 2020 14:16

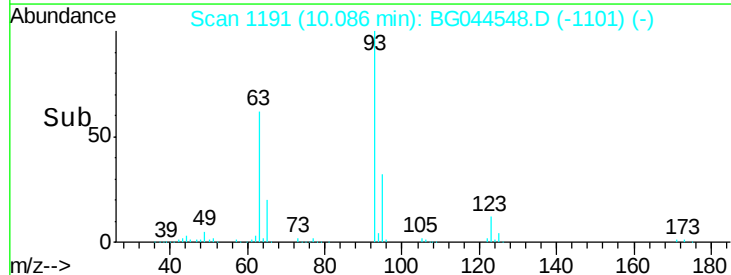
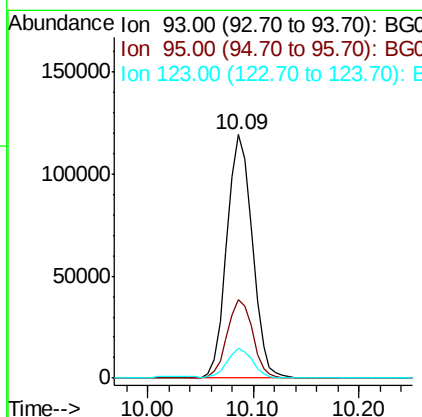
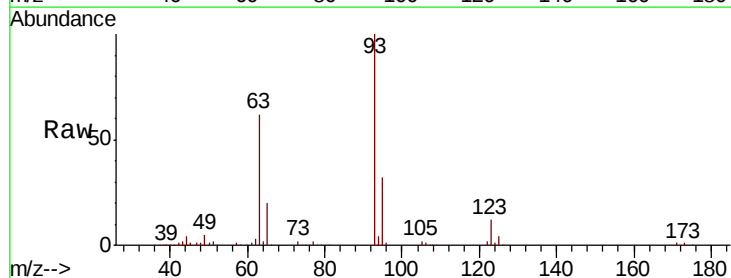
Instrument :
 BNA_G
 ClientSampled :

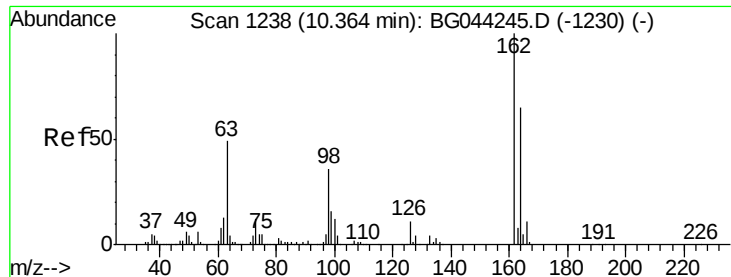
Tot Ion:122 Resp: 155029
 Ion Ratio Lower Upper
 122 100
 107 108.7 89.8 134.8
 121 57.0 48.1 72.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.295 ng
 RT: 10.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BG044548.D
 Acq: 21 Feb 2020 14:16

Tgt Ion: 93 Resp: 199919
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.5 39.7
 123 12.2 9.4 14.0

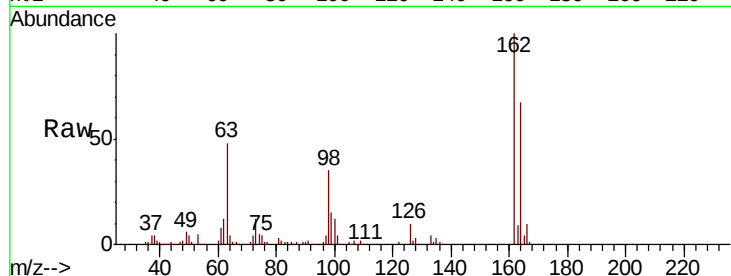




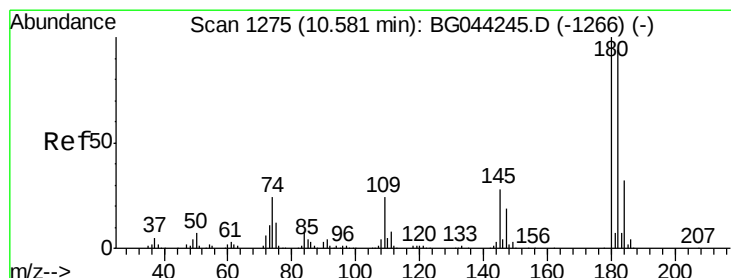
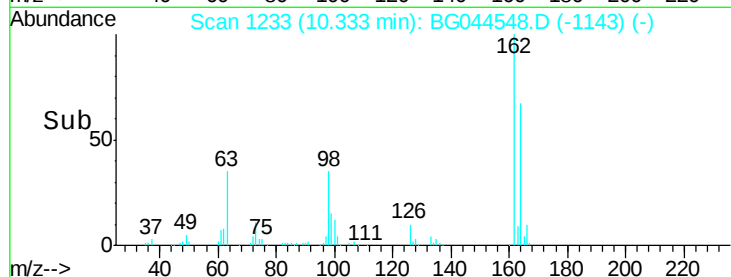
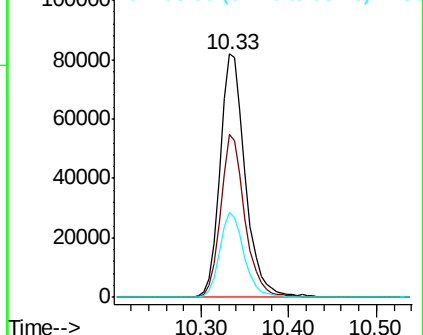
#29
2,4-Dichlorophenol
Concen: 54.161 ng
RT: 10.33 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BG044548.D
Acq: 21 Feb 2020 14:16

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.7	45.5	85.5
98	34.8	15.1	55.1

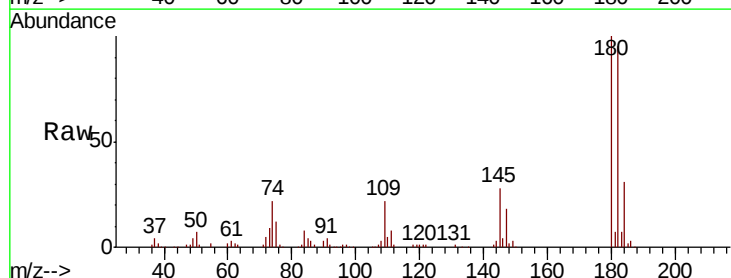


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

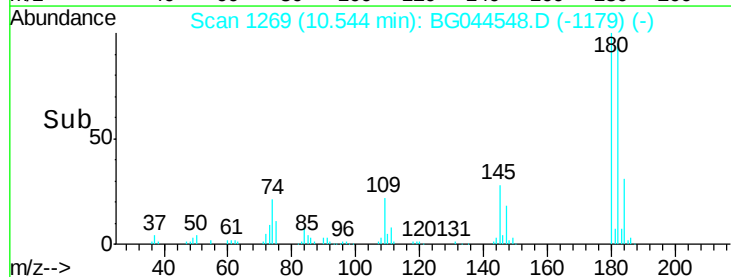
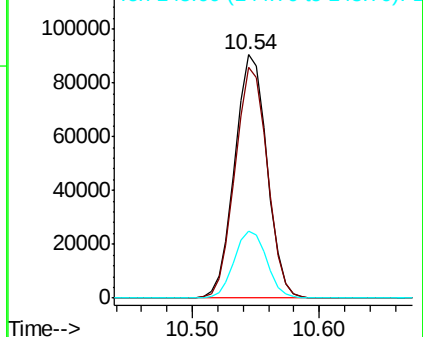


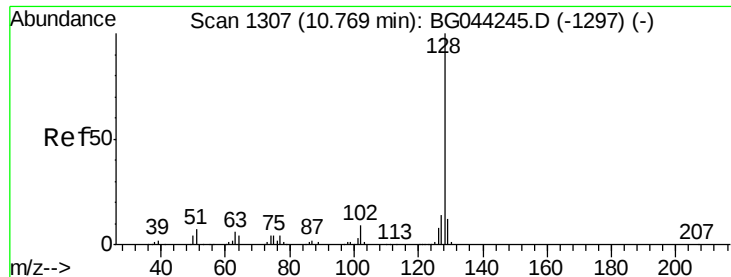
#30
1,2,4-Trichlorobenzene
Concen: 46.257 ng
RT: 10.54 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BG044548.D
Acq: 21 Feb 2020 14:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	74.4	111.6
145	27.6	23.0	34.6



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

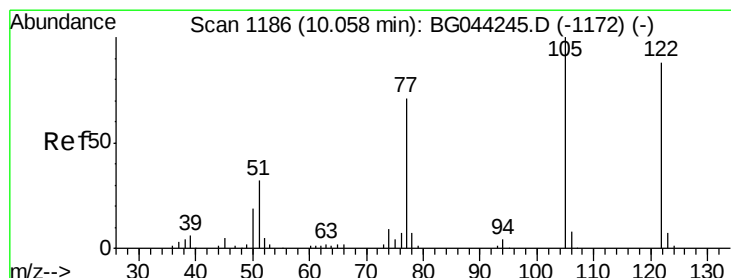
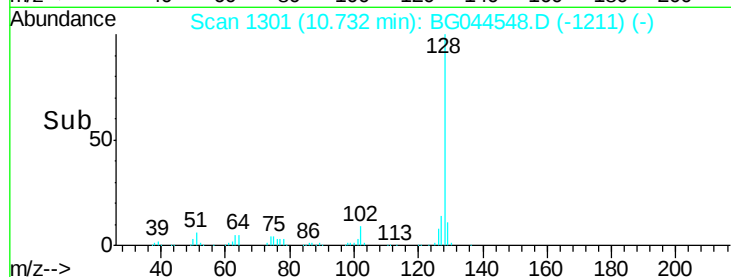
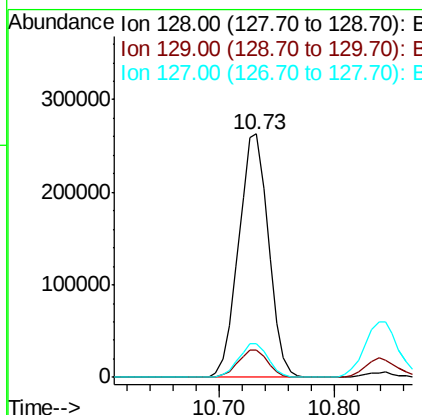
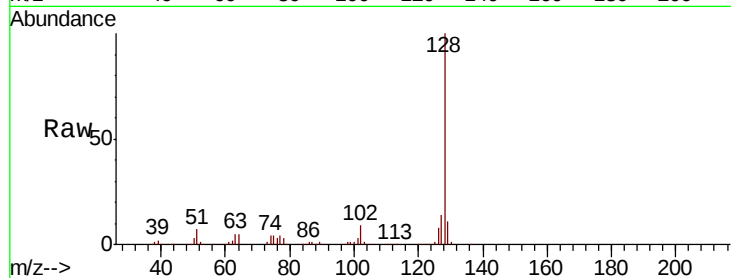




#31
Naphthalene
Concen: 49.662 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BG044548.D
Acq: 21 Feb 2020 14:16

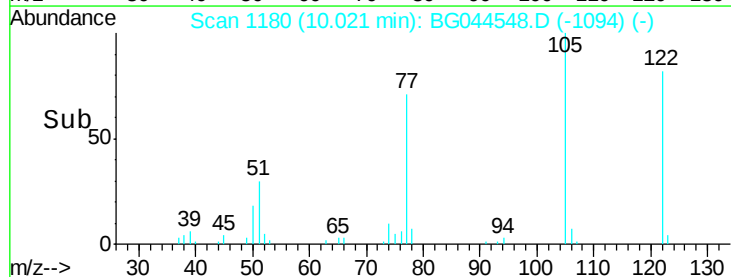
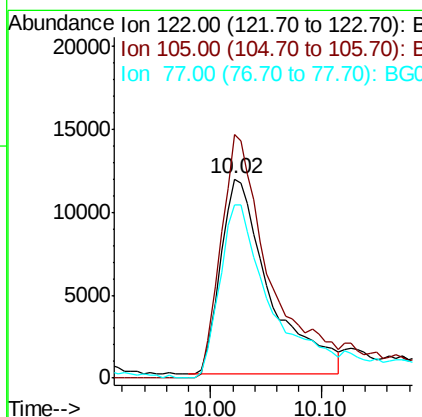
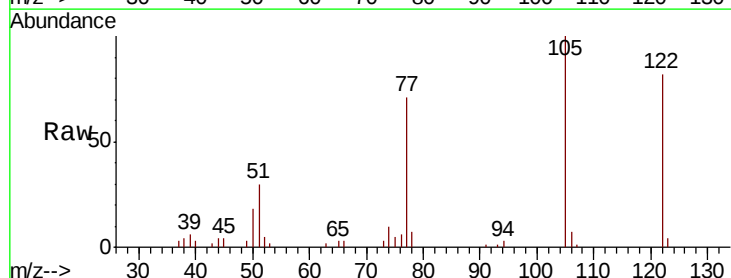
Instrument :
BNA_G
ClientSampleId :

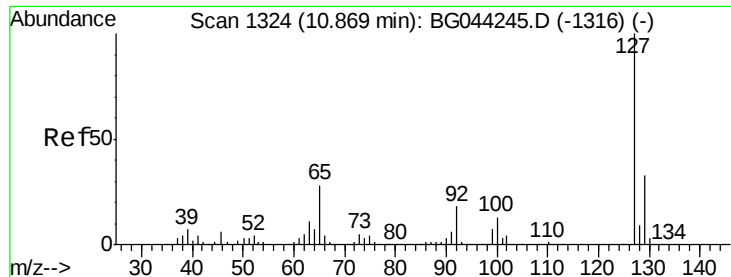
Tot Ion:128 Resp: 472434
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.7 11.4 17.0



#32
Benzoic acid
Concen: 30.018 ng
RT: 10.02 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BG044548.D
Acq: 21 Feb 2020 14:16

Tgt Ion:122 Resp: 36783
Ion Ratio Lower Upper
122 100
105 122.1 101.4 141.4
77 86.9 68.6 108.6

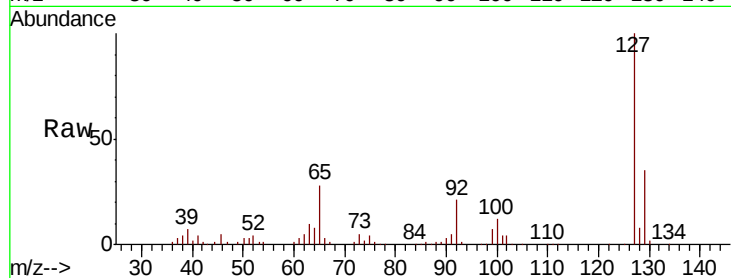




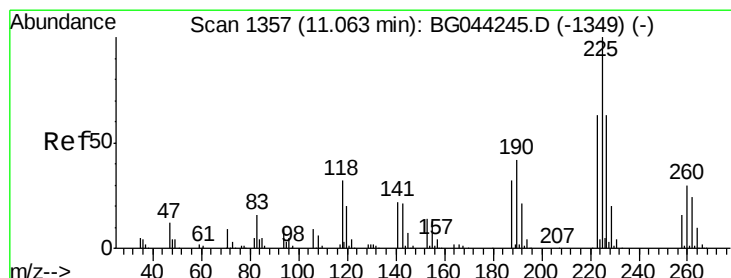
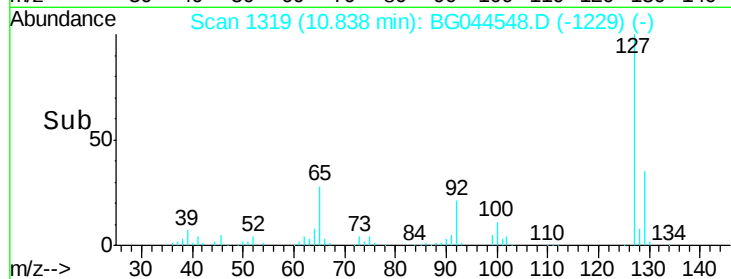
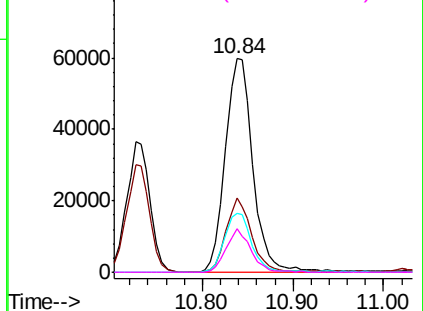
#33
4-Chloroaniline
Concen: 29.351 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BG044548.D
Acq: 21 Feb 2020 14:16

Instrument :
BNA_G
ClientSampled :

Tot Ion:127	Resp:	126990
Ion	Ratio	Lower Upper
127	100	
129	34.8	25.8 38.8
65	27.6	22.1 33.1
92	20.6	14.6 22.0

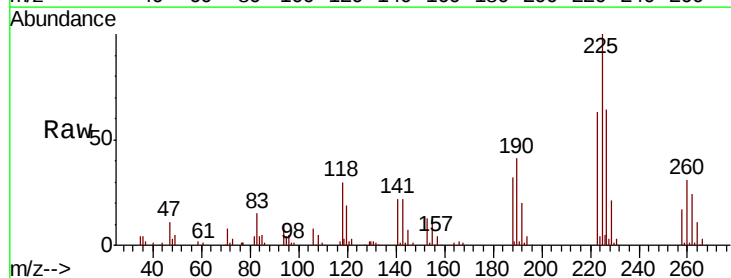


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

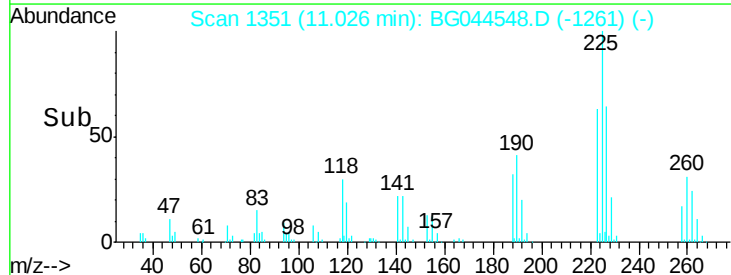
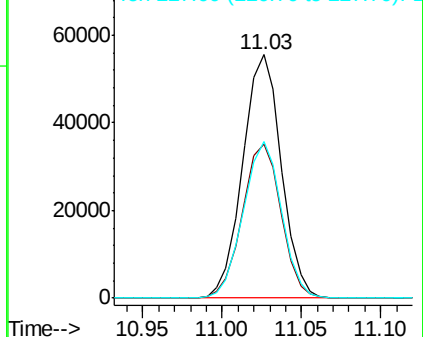


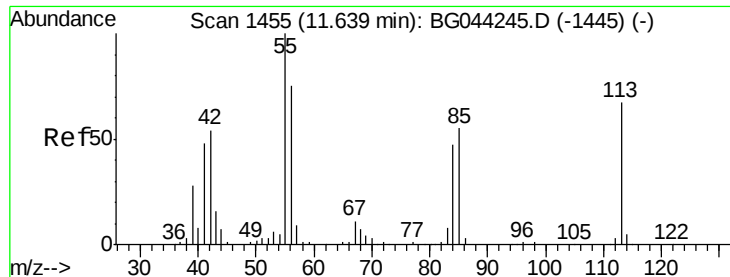
#34
Hexachlorobutadiene
Concen: 44.403 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BG044548.D
Acq: 21 Feb 2020 14:16

Tgt Ion:225	Resp:	94079
Ion	Ratio	Lower Upper
225	100	
223	63.2	50.4 75.6
227	64.3	51.0 76.6



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

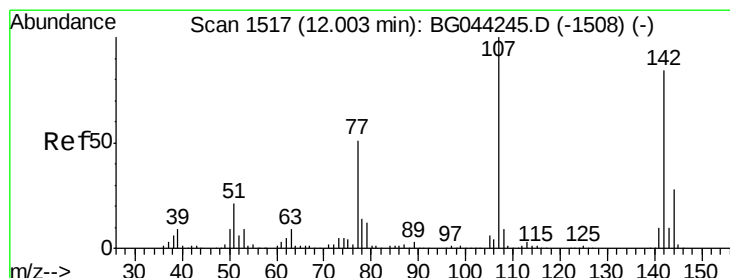
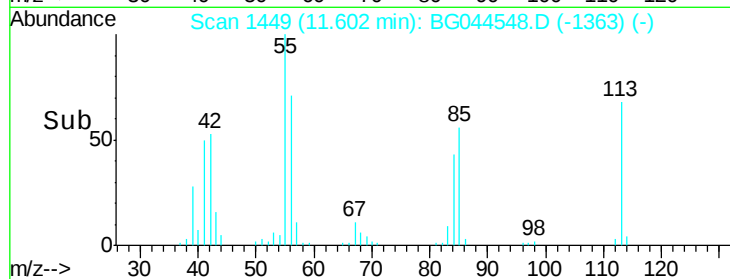
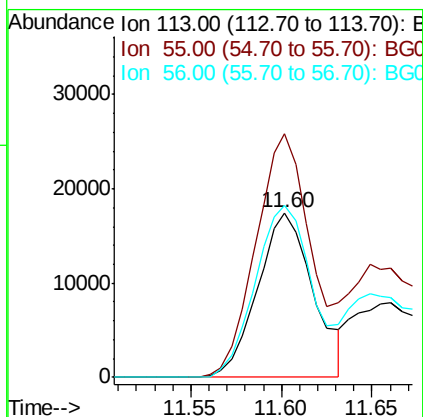
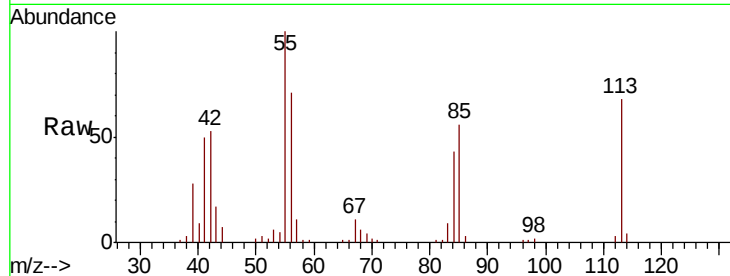




#35
Caprolactam
Concen: 33.707 ng
RT: 11.60 min Scan# 1449
Delta R.T. -0.02 min
Lab File: BG044548.D
Acq: 21 Feb 2020 14:16

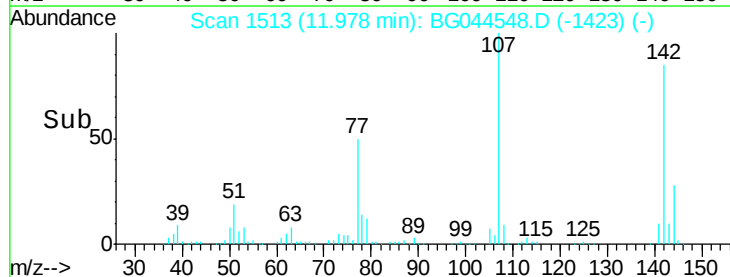
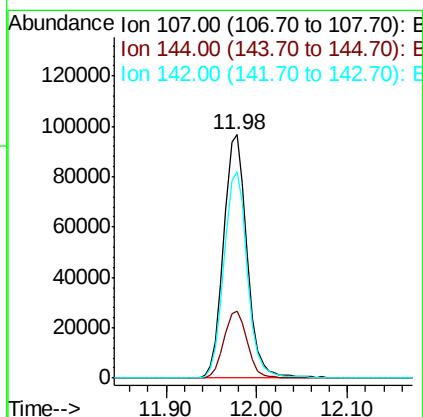
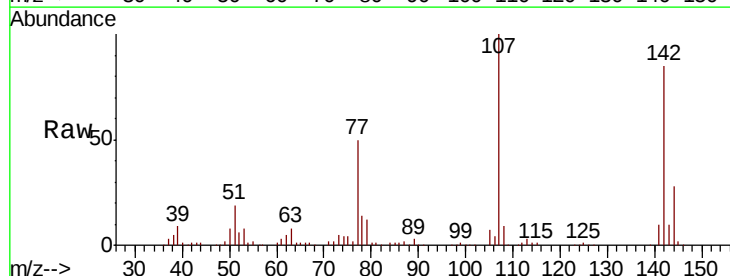
Instrument :
BNA_G
ClientSampleId :

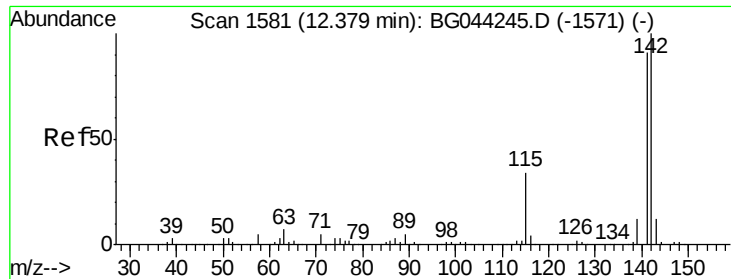
Tot Ion:113 Resp: 37079
Ion Ratio Lower Upper
113 100
55 147.7 126.4 166.4
56 104.5 85.8 125.8



#36
4-Chloro-3-methylphenol
Concen: 55.368 ng
RT: 11.98 min Scan# 1513
Delta R.T. -0.00 min
Lab File: BG044548.D
Acq: 21 Feb 2020 14:16

Tgt Ion:107 Resp: 174324
Ion Ratio Lower Upper
107 100
144 27.6 22.7 34.1
142 84.8 67.7 101.5

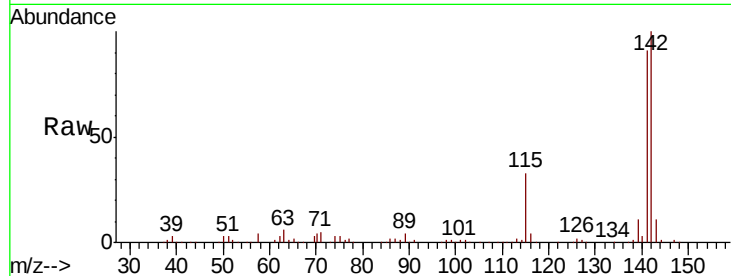




#37
2-Methylnaphthalene
Concen: 50.473 ng
RT: 12.34 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BG044548.D
Acq: 21 Feb 2020 14:16

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.9	107.9
115	32.9	26.7	40.1

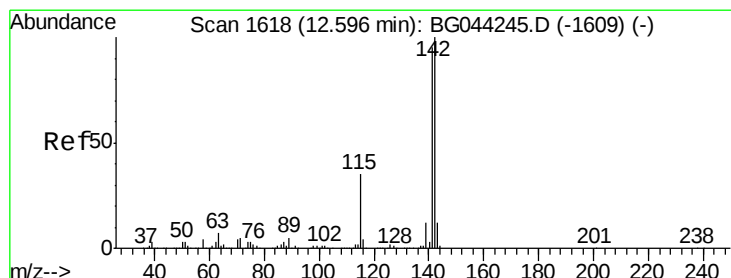
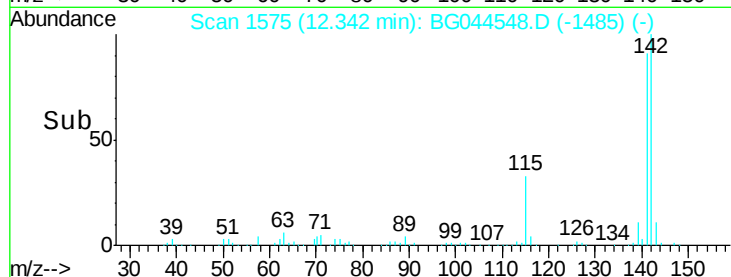
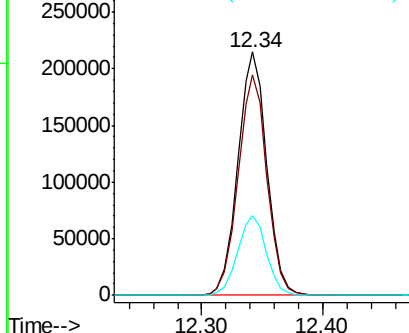


Abundance

Ion 142.00 (141.70 to 142.70): E

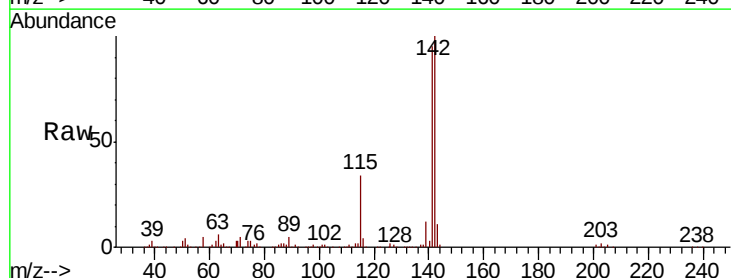
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 50.729 ng
RT: 12.56 min Scan# 1612
Delta R.T. -0.00 min
Lab File: BG044548.D
Acq: 21 Feb 2020 14:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.9	75.1	112.7
116	3.7	3.2	4.8

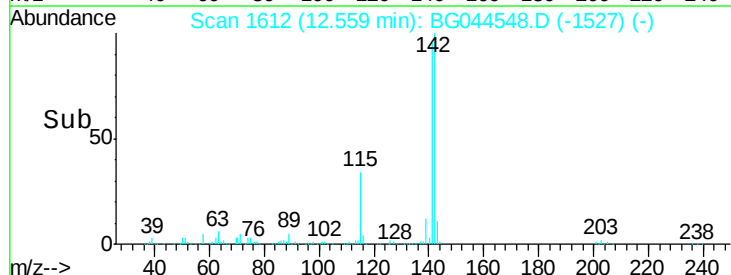
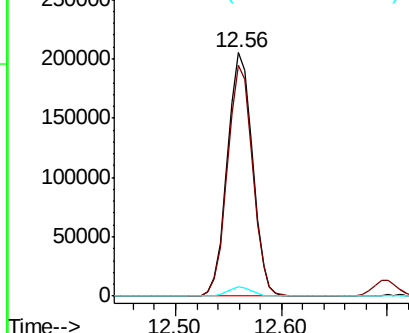


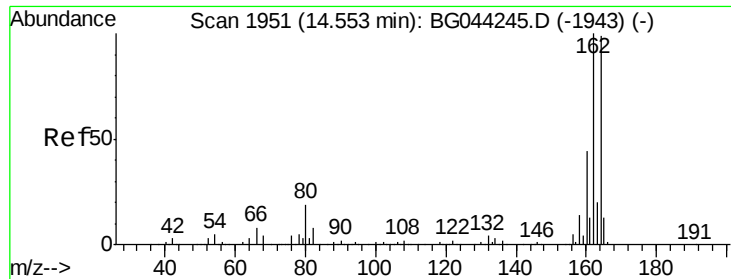
Abundance

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

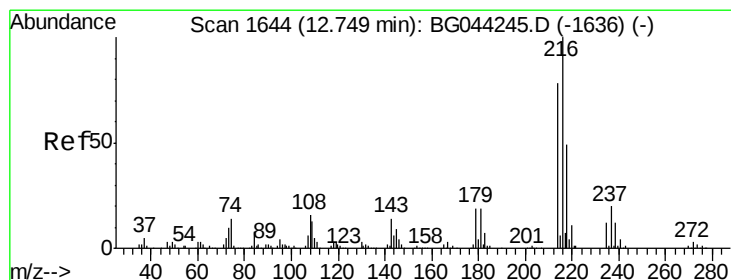
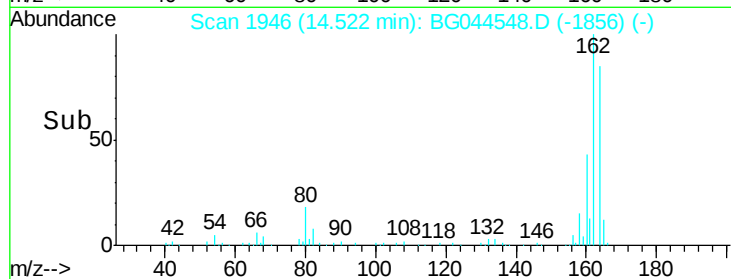
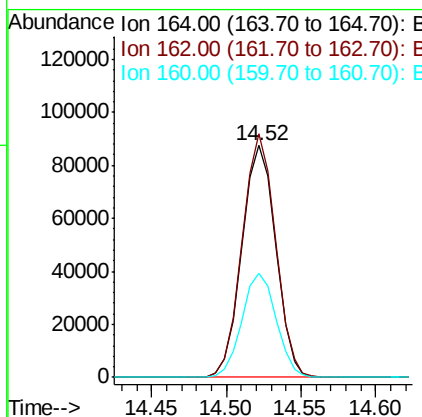
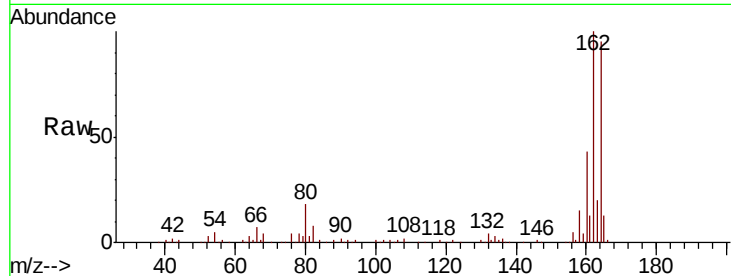




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG044548.D
Acq: 21 Feb 2020 14:16

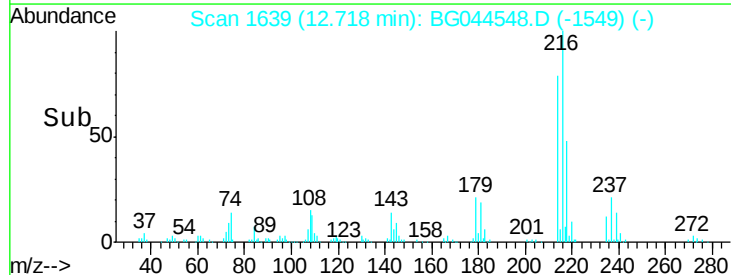
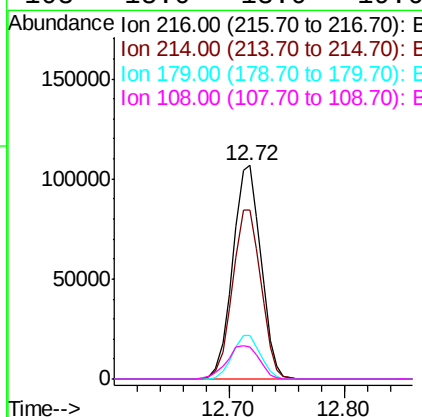
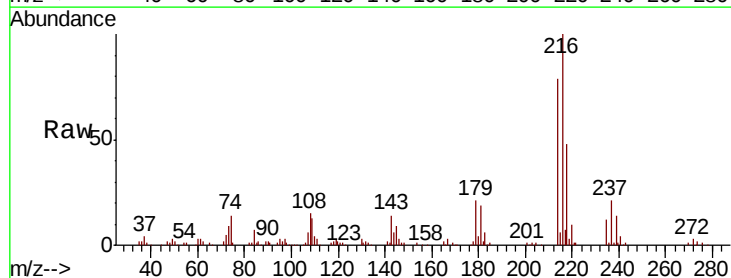
Instrument :
BNA_G
ClientSampleId :

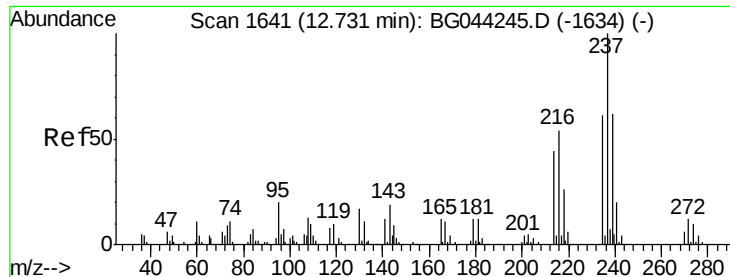
Tot Ion:164 Resp: 137611
Ion Ratio Lower Upper
164 100
162 105.0 81.9 122.9
160 44.8 35.5 53.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.819 ng
RT: 12.72 min Scan# 1639
Delta R.T. -0.00 min
Lab File: BG044548.D
Acq: 21 Feb 2020 14:16

Tgt Ion:216 Resp: 180376
Ion Ratio Lower Upper
216 100
214 80.0 64.0 96.0
179 20.1 16.3 24.5
108 18.0 13.0 19.6





#41

Hexachlorocyclopentadiene

Concen: 96.557 ng

RT: 12.70 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG044548.D

Acq: 21 Feb 2020 14:16

Instrument :

BNA_G

ClientSampleId :

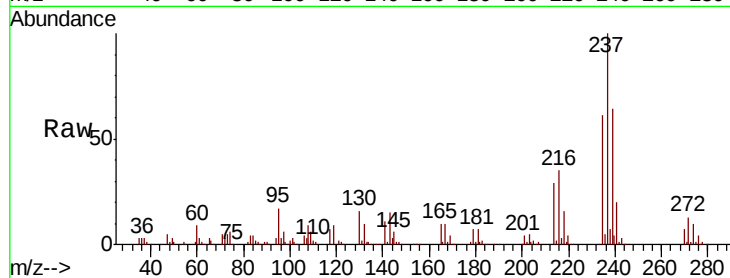
Tot Ion:237 Resp: 190716

Ion Ratio Lower Upper

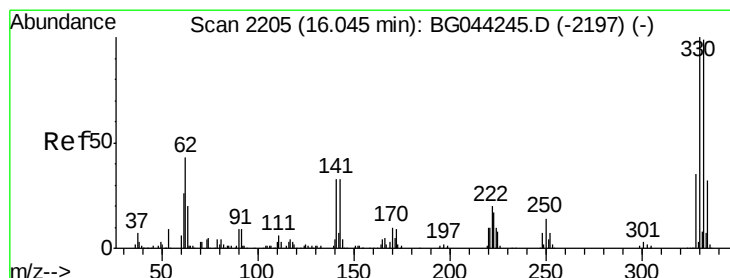
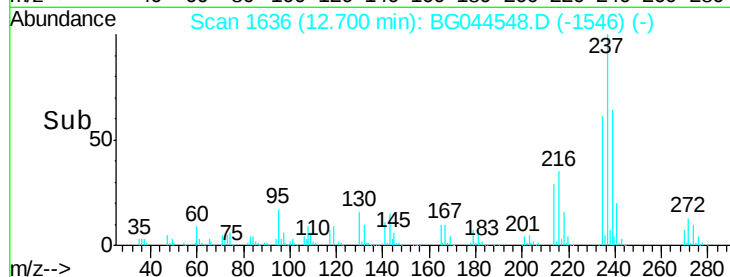
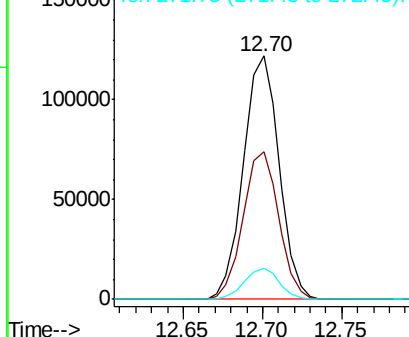
237 100

235 60.8 41.7 81.7

272 12.7 0.0 33.4



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: 101.378 ng

RT: 16.01 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG044548.D

Acq: 21 Feb 2020 14:16

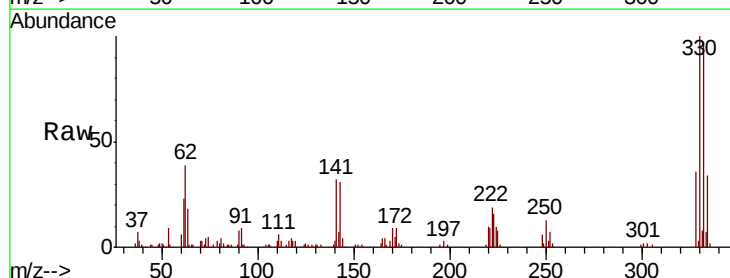
Tgt Ion:330 Resp: 163773

Ion Ratio Lower Upper

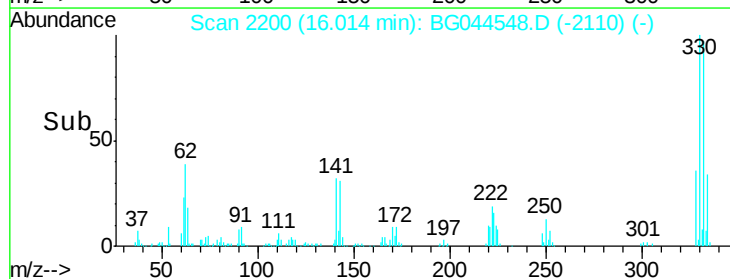
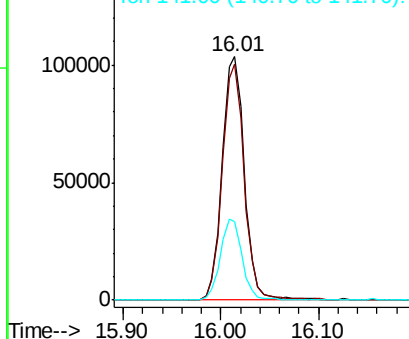
330 100

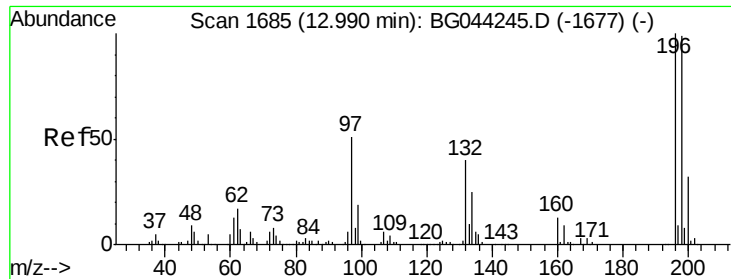
332 94.9 76.6 115.0

141 32.6 26.5 39.7



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

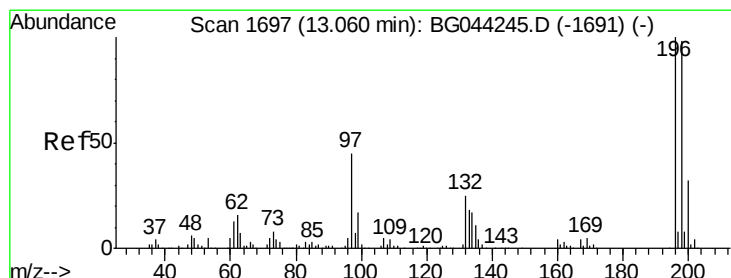
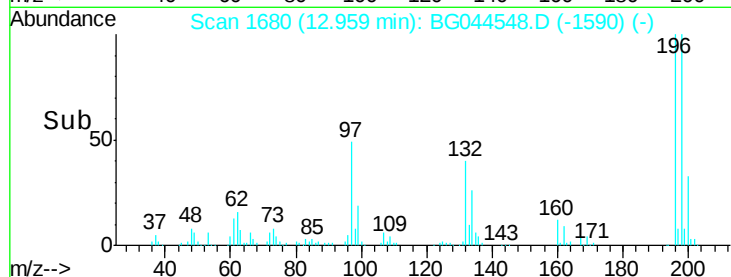
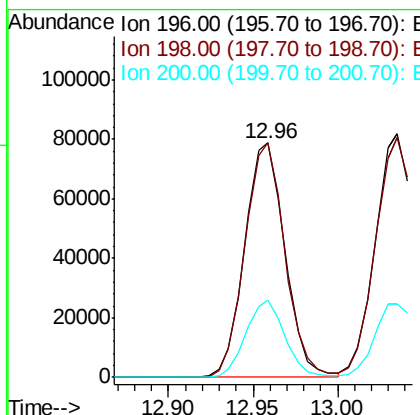
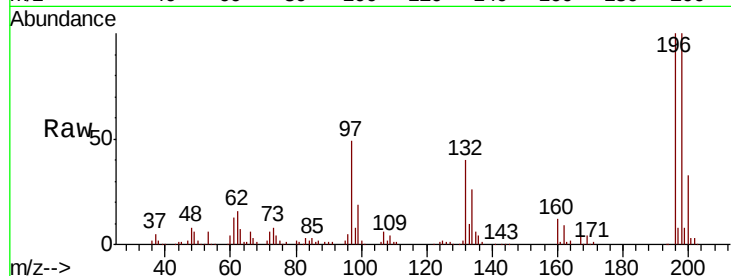




#43
 2,4,6-Trichlorophenol
 Concen: 49.151 ng
 RT: 12.96 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: BG044548.D
 Acq: 21 Feb 2020 14:16

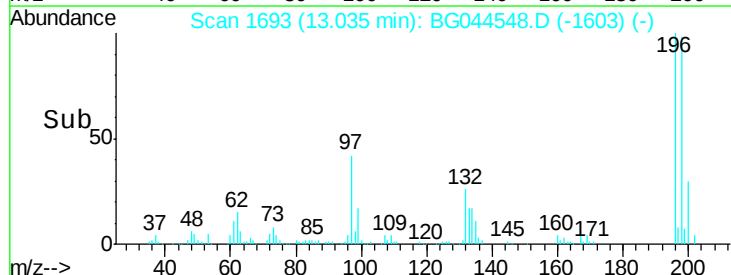
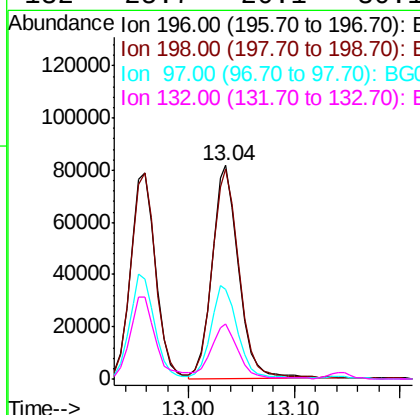
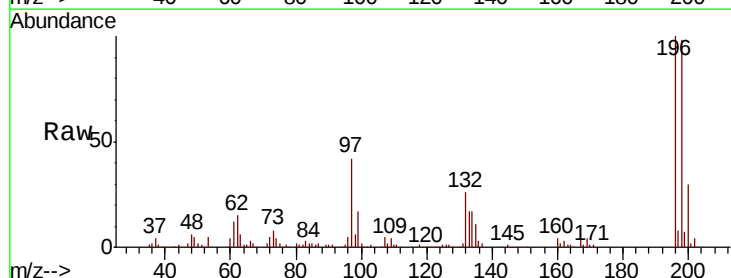
Instrument :
 BNA_G
 ClientSampleId :

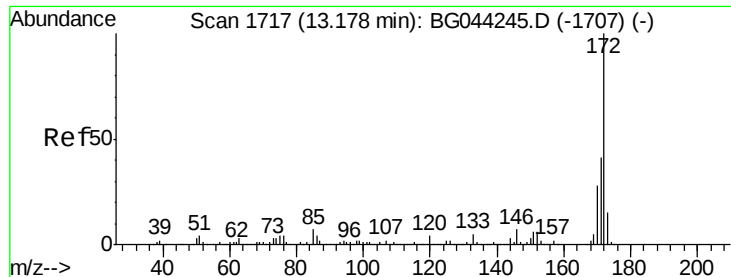
Tot Ion:196 Resp: 130779
 Ion Ratio Lower Upper
 196 100
 198 100.1 77.8 116.8
 200 33.0 25.6 38.4



#44
 2,4,5-Trichlorophenol
 Concen: 52.510 ng
 RT: 13.04 min Scan# 1693
 Delta R.T. -0.00 min
 Lab File: BG044548.D
 Acq: 21 Feb 2020 14:16

Tgt Ion:196 Resp: 142705
 Ion Ratio Lower Upper
 196 100
 198 98.2 79.9 119.9
 97 41.9 35.2 52.8
 132 25.7 20.1 30.1

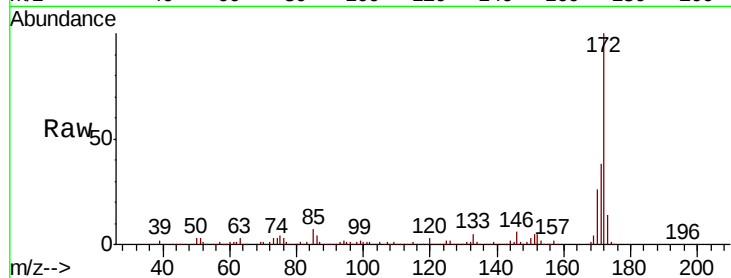




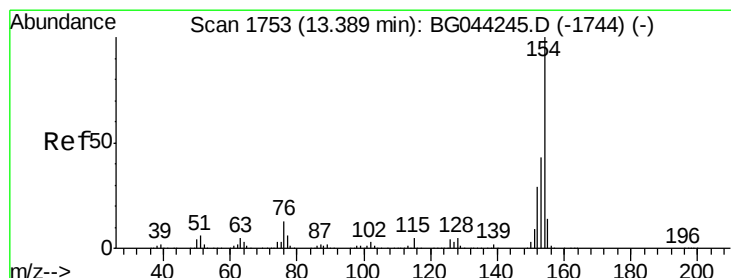
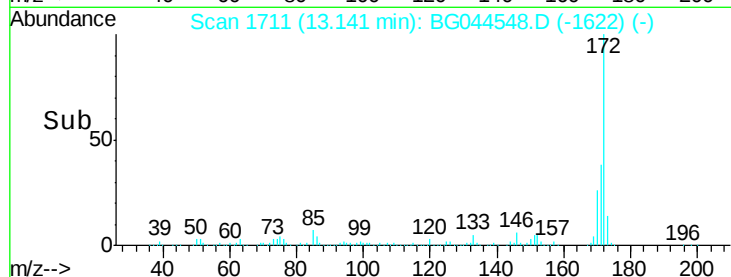
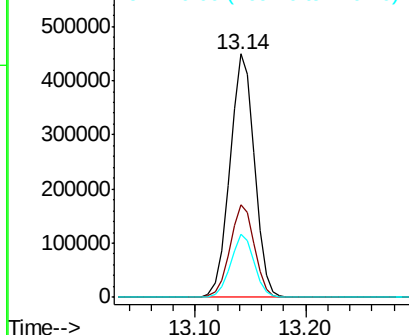
#45
 2-Fluorobiphenyl
 Concen: 85.047 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG044548.D
 Acq: 21 Feb 2020 14:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	32.3	48.5
170	25.7	21.6	32.4

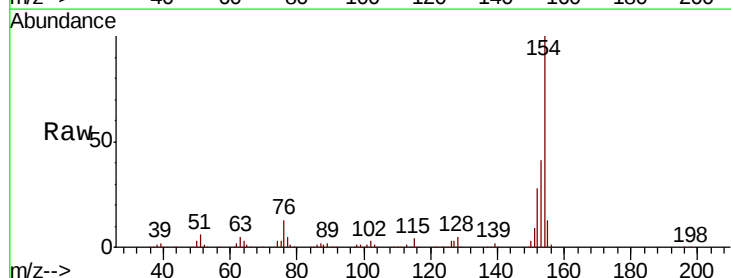


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

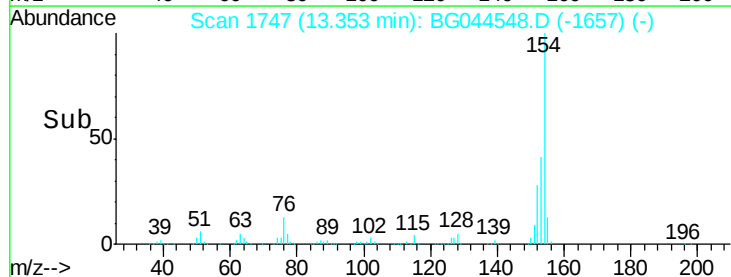
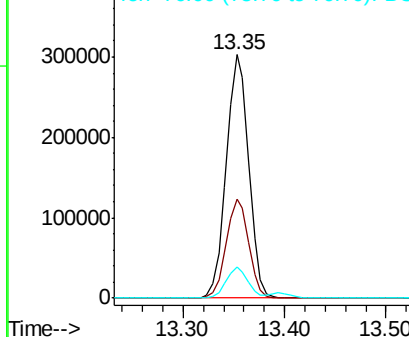


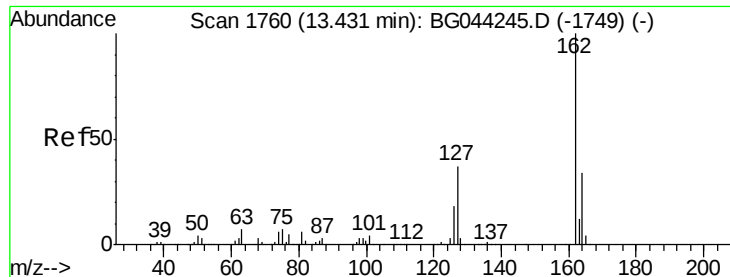
#46
 1,1'-Biphenyl
 Concen: 46.572 ng
 RT: 13.35 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: BG044548.D
 Acq: 21 Feb 2020 14:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	22.3	62.3
76	12.6	0.0	32.7



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG0

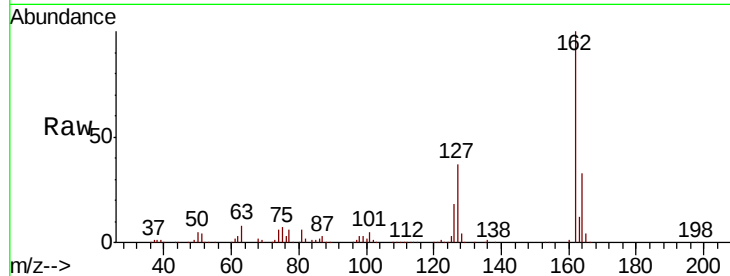




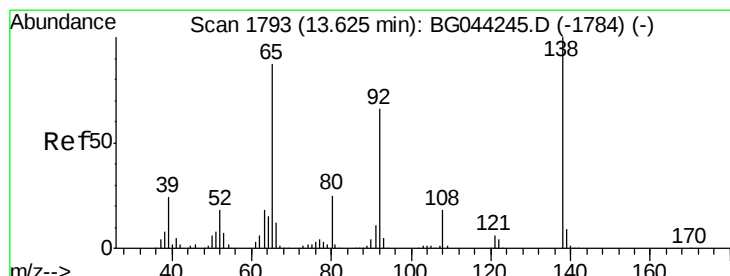
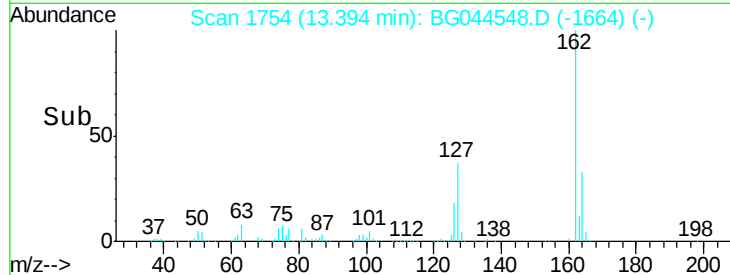
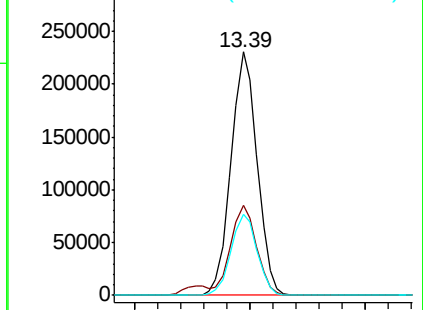
#47
2-Chloronaphthalene
Concen: 45.669 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.00 min
Lab File: BG044548.D
Acq: 21 Feb 2020 14:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 360720
Ion Ratio Lower Upper
162 100
127 36.8 31.0 46.6
164 33.3 27.4 41.2

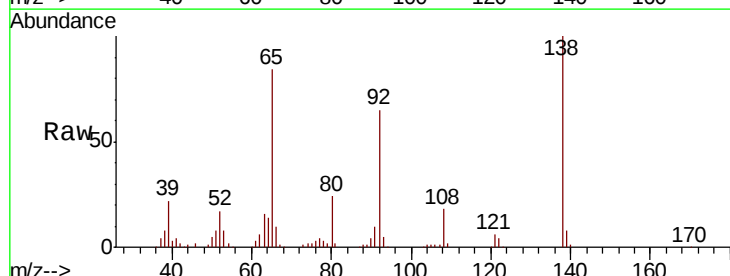


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

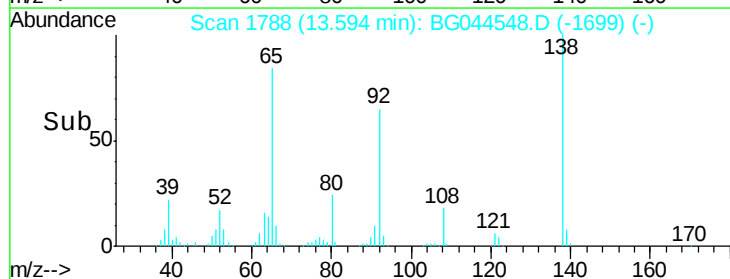
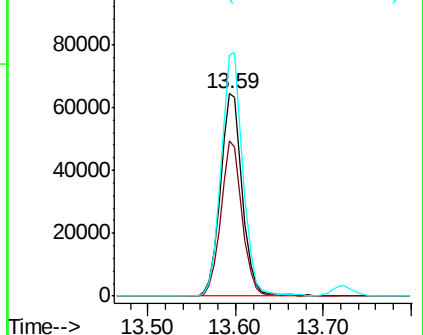


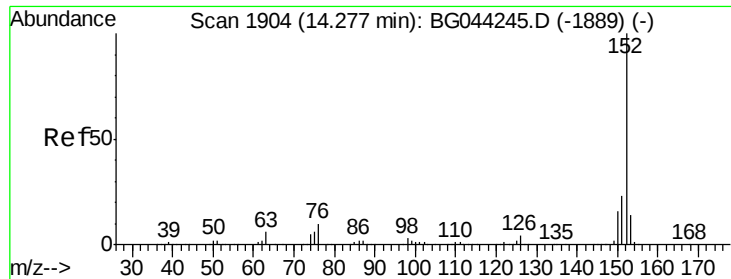
#48
2-Nitroaniline
Concen: 47.469 ng
RT: 13.59 min Scan# 1788
Delta R.T. -0.01 min
Lab File: BG044548.D
Acq: 21 Feb 2020 14:16

Tgt Ion: 65 Resp: 110652
Ion Ratio Lower Upper
65 100
92 76.9 61.2 91.8
138 119.1 95.2 142.8



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: 51.352 ng

RT: 14.24 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BG044548.D

Acq: 21 Feb 2020 14:16

Instrument :

BNA_G

ClientSampleId :

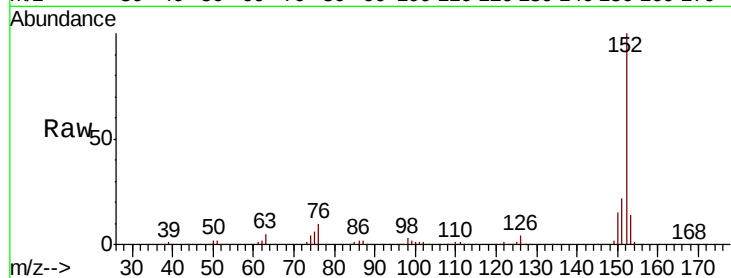
Tot Ion:152 Resp: 594927

Ion Ratio Lower Upper

152 100

151 21.9 18.2 27.2

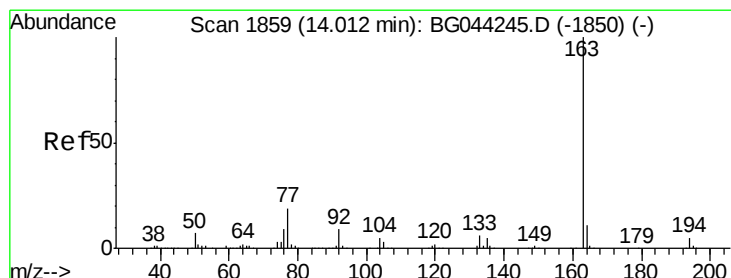
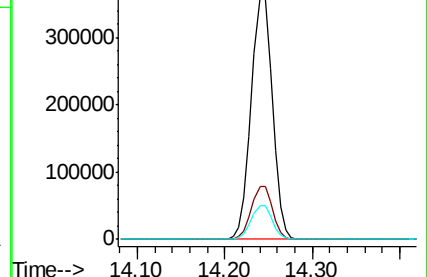
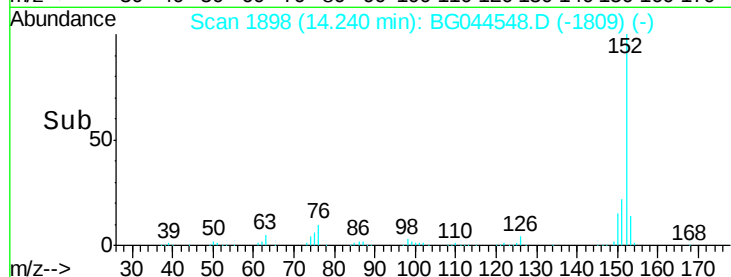
153 13.8 11.6 17.4



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: 50.305 ng

RT: 13.98 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BG044548.D

Acq: 21 Feb 2020 14:16

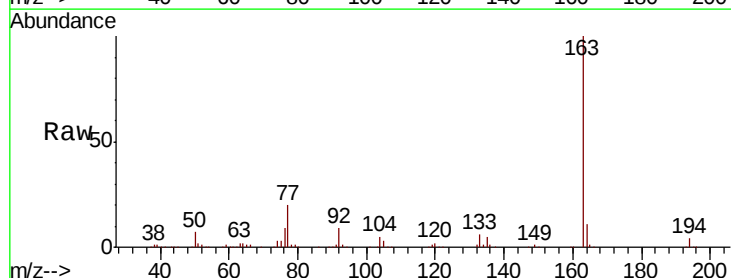
Tgt Ion:163 Resp: 497610

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

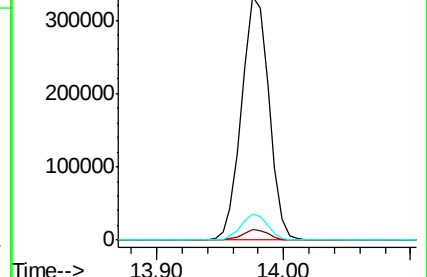
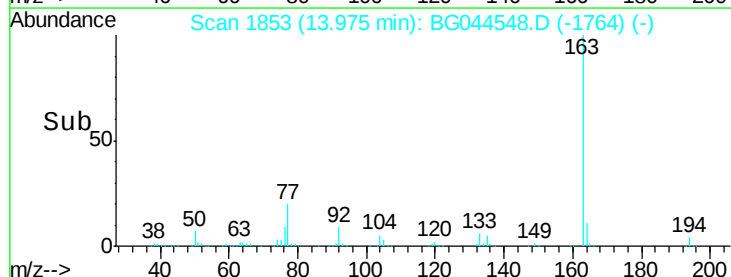
164 10.5 8.9 13.3

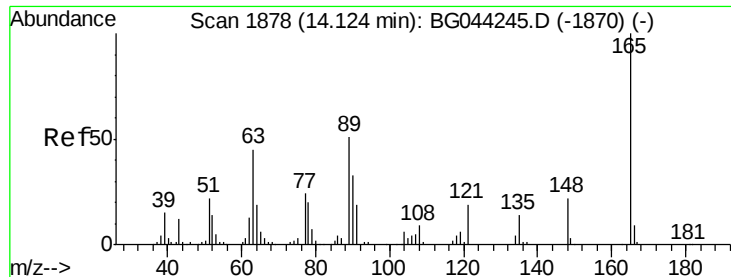


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 51.266 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.01 min

Lab File: BG044548.D

Acq: 21 Feb 2020 14:16

Instrument :

BNA_G

ClientSampled :

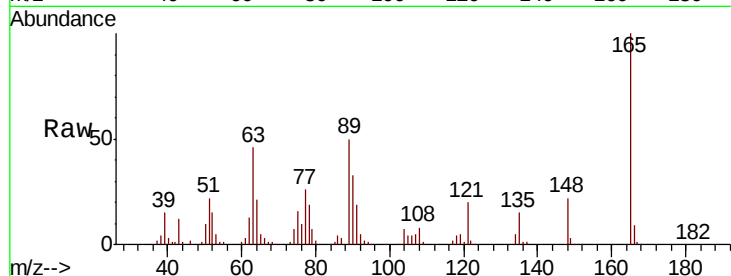
Tot Ion:165 Resp: 113071

Ion Ratio Lower Upper

165 100

63 46.2 35.0 52.6

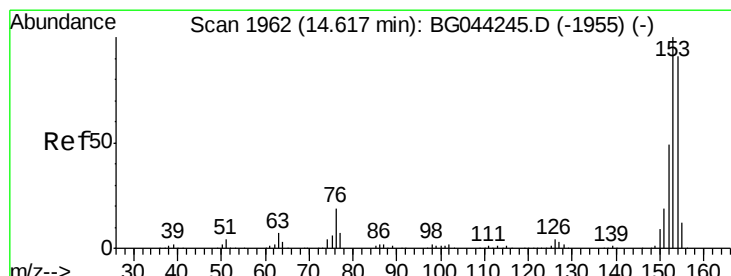
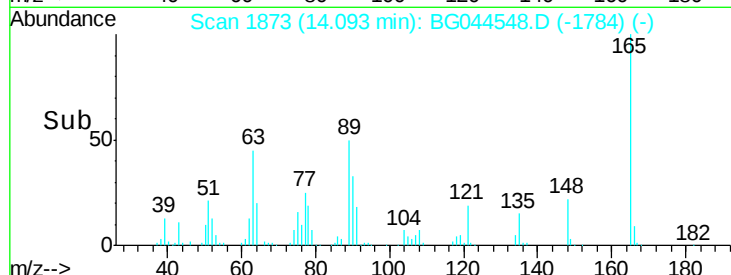
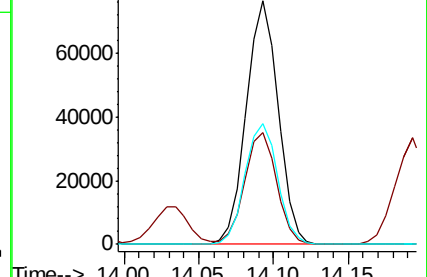
89 49.7 39.5 59.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 48.241 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BG044548.D

Acq: 21 Feb 2020 14:16

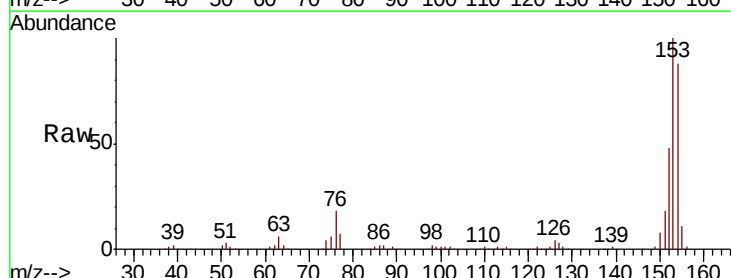
Tgt Ion:154 Resp: 362253

Ion Ratio Lower Upper

154 100

153 113.5 88.6 133.0

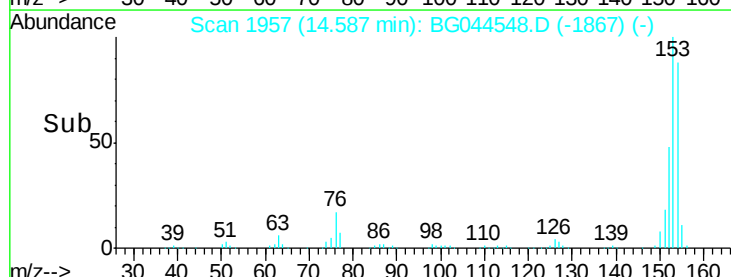
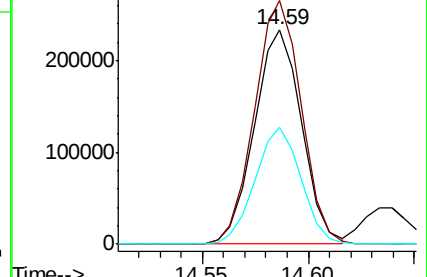
152 54.4 43.6 65.4

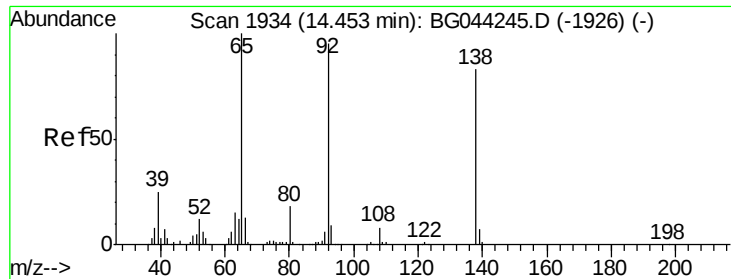


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

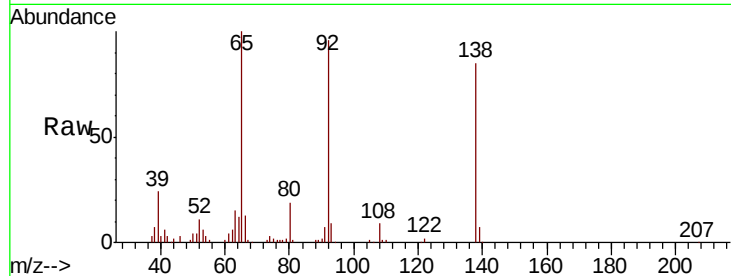




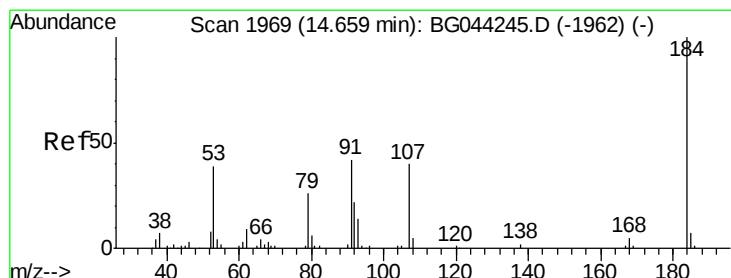
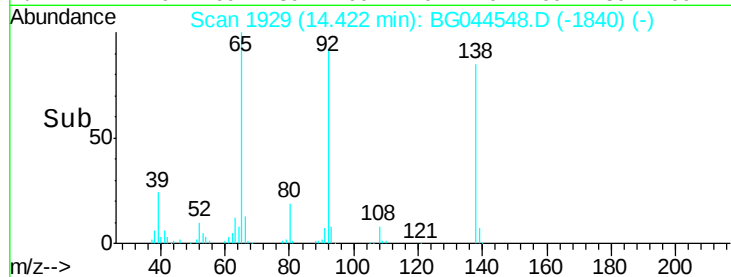
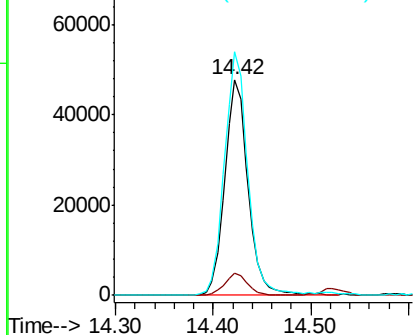
#53
 3-Nitroaniline
 Concen: 32.355 ng
 RT: 14.42 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BG044548.D
 Acq: 21 Feb 2020 14:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:138 Resp: 78950
 Ion Ratio Lower Upper
 138 100
 108 10.2 8.2 12.4
 92 112.7 89.7 134.5

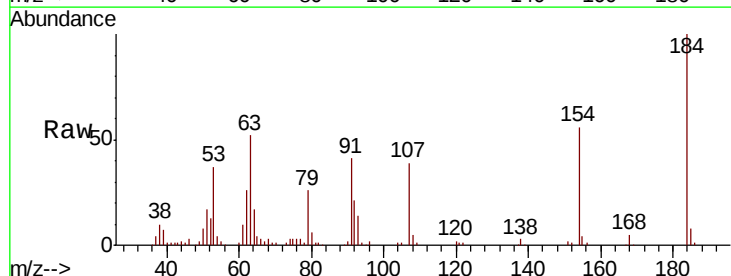


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGC

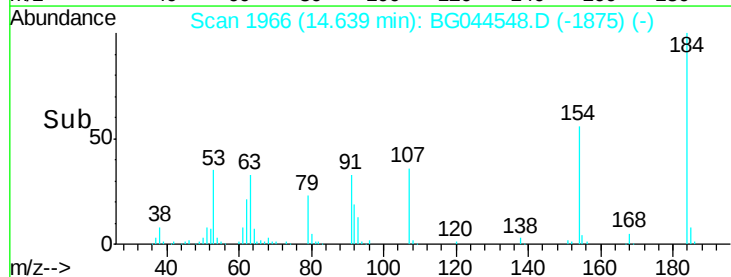
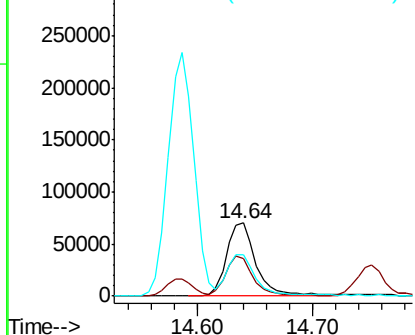


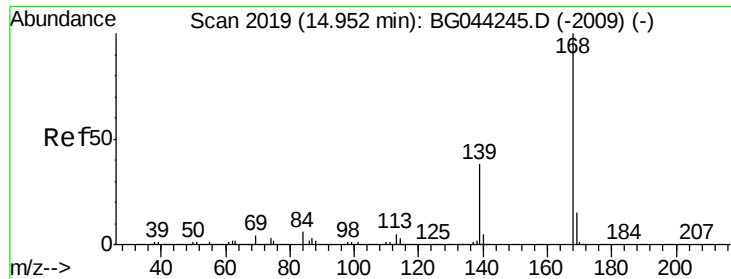
#54
 2,4-Dinitrophenol
 Concen: 94.283 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. 0.01 min
 Lab File: BG044548.D
 Acq: 21 Feb 2020 14:16

Tgt Ion:184 Resp: 125183
 Ion Ratio Lower Upper
 184 100
 63 52.1 43.8 65.8
 154 56.4 46.6 70.0



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

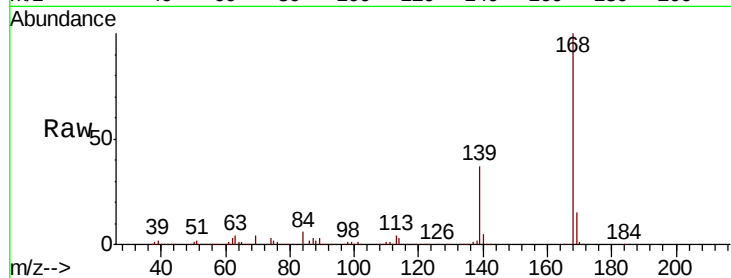




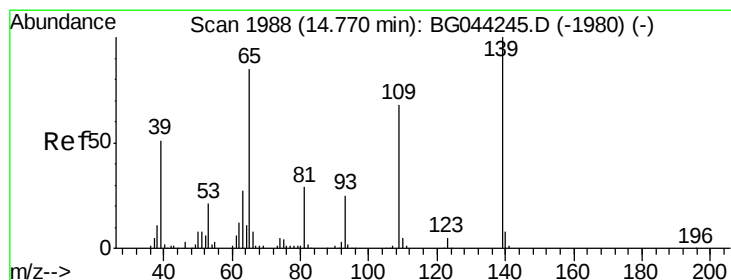
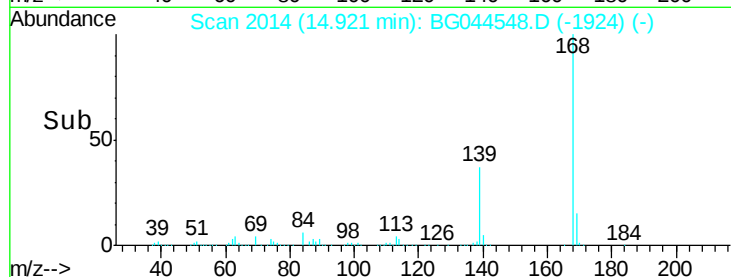
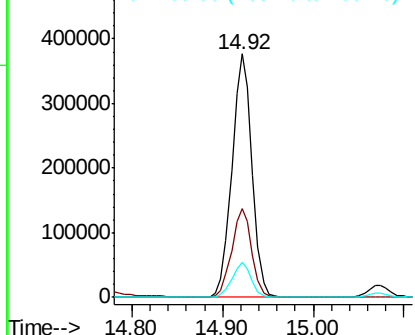
#55
Dibenzofuran
Concen: 50.777 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BG044548.D
Acq: 21 Feb 2020 14:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.7	30.8	46.2
169	14.6	12.2	18.4

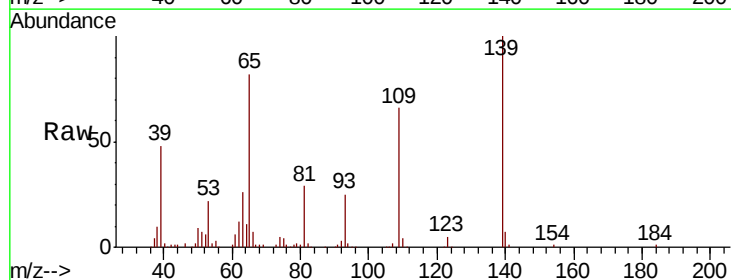


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

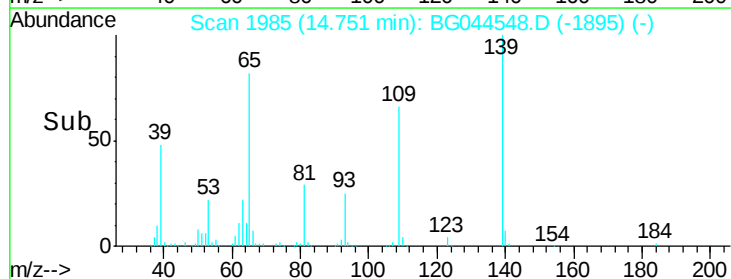
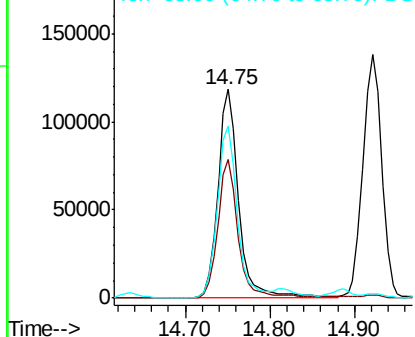


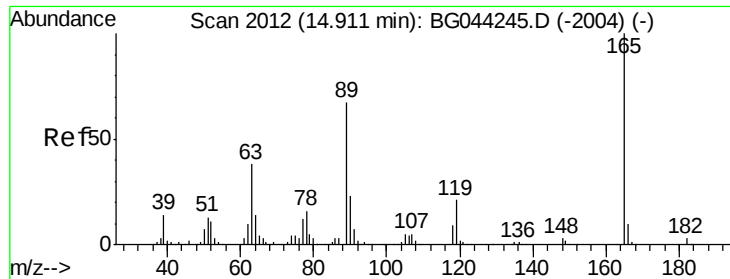
#56
4-Nitrophenol
Concen: 114.434 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.00 min
Lab File: BG044548.D
Acq: 21 Feb 2020 14:16

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.4	44.0	84.0
65	82.1	62.3	102.3



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

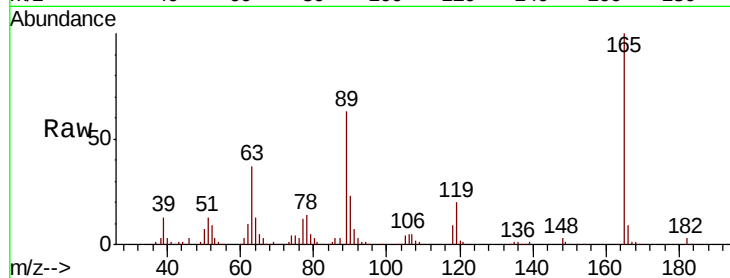




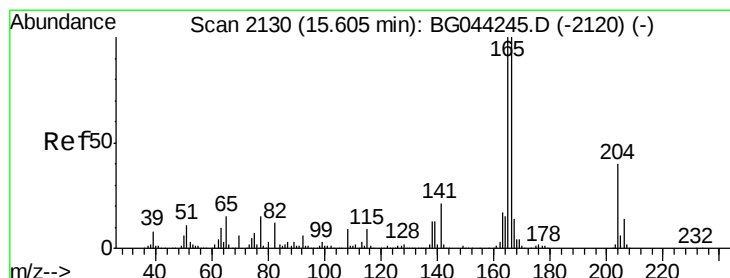
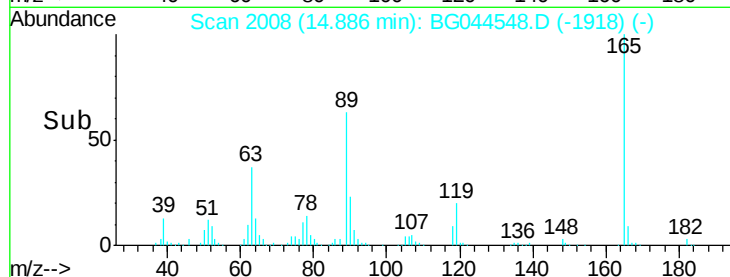
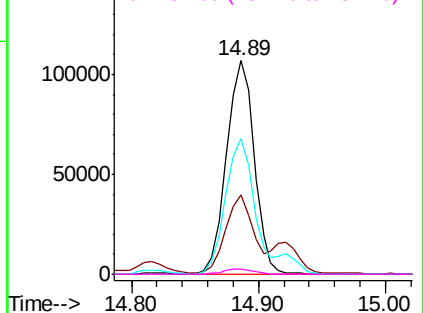
#57
2,4-Dinitrotoluene
Concen: 52.457 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG044548.D
Acq: 21 Feb 2020 14:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165	Resp:	162159
Ion Ratio	Lower	Upper
165 100		
63 36.9	28.6	42.8
89 63.4	50.7	76.1
182 2.5	2.1	3.1

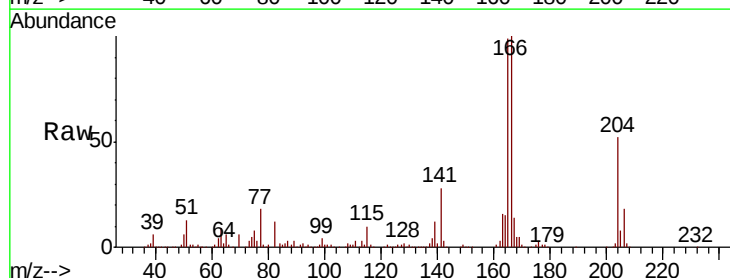


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

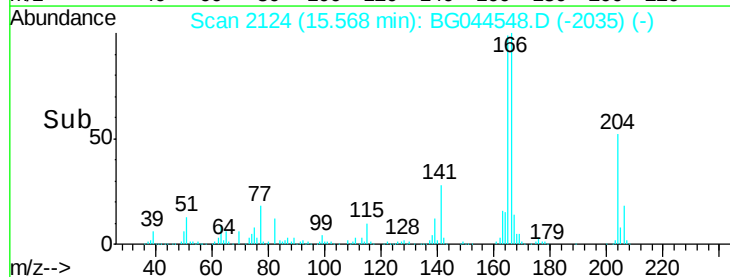
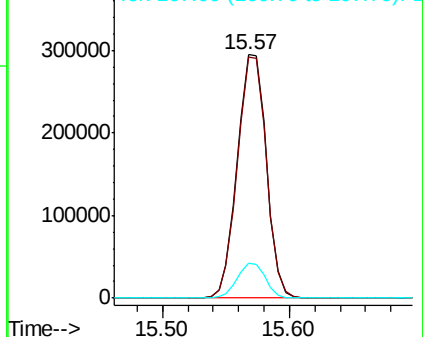


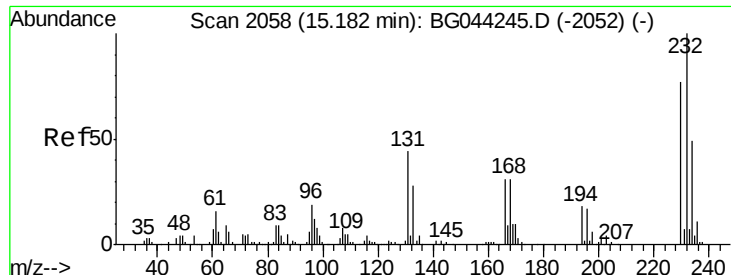
#58
Fluorene
Concen: 52.195 ng
RT: 15.57 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG044548.D
Acq: 21 Feb 2020 14:16

Tgt	Ion:166	Resp:	467392
Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.3	118.9
167	14.2	11.4	17.2



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

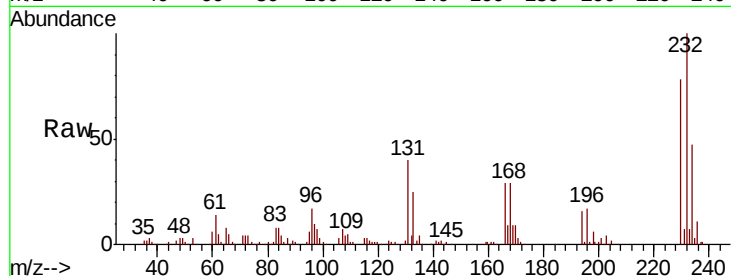




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 54.409 ng
 RT: 15.16 min Scan# 2054
 Delta R.T. 0.01 min
 Lab File: BG044548.D
 Acq: 21 Feb 2020 14:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.5	31.8	47.8
130	2.3	1.8	2.8
166	28.9	23.2	34.8



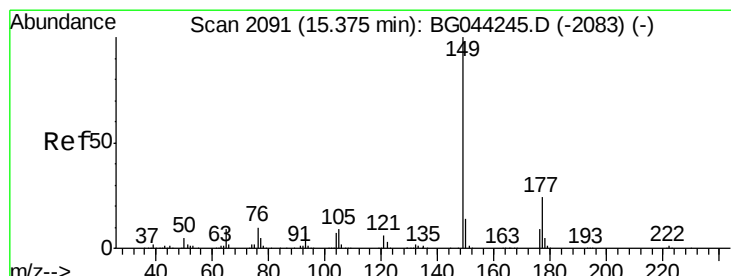
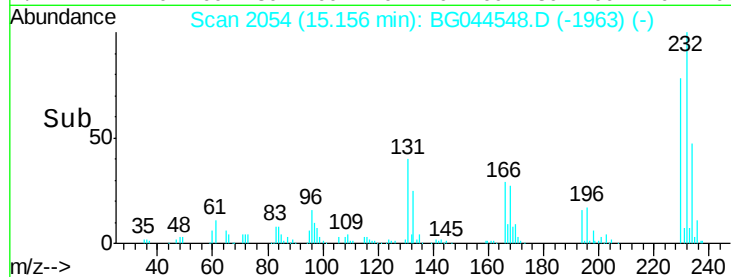
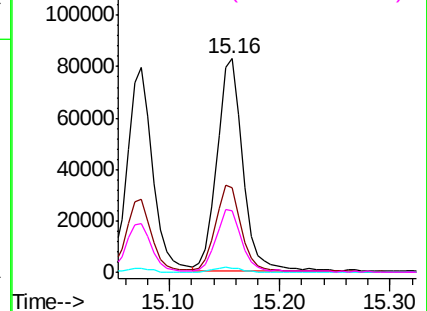
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

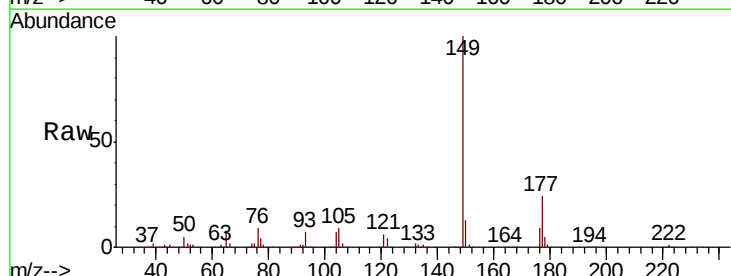
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 51.628 ng
 RT: 15.34 min Scan# 2086
 Delta R.T. -0.00 min
 Lab File: BG044548.D
 Acq: 21 Feb 2020 14:16

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.2	19.3	28.9
150	13.1	10.6	15.8

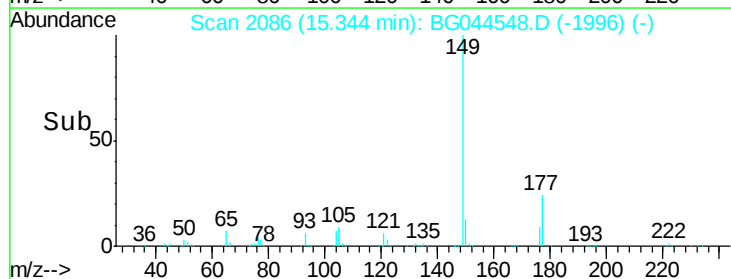
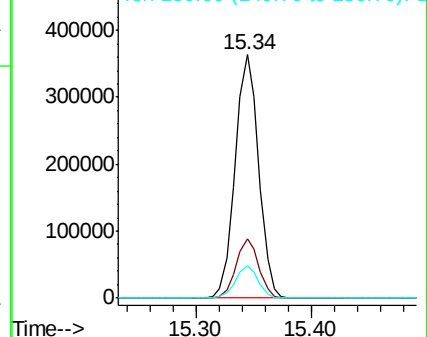


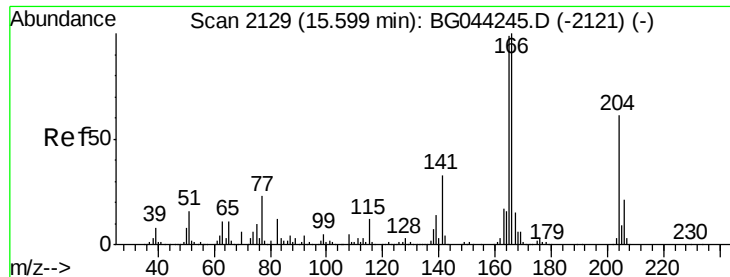
Abundance

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

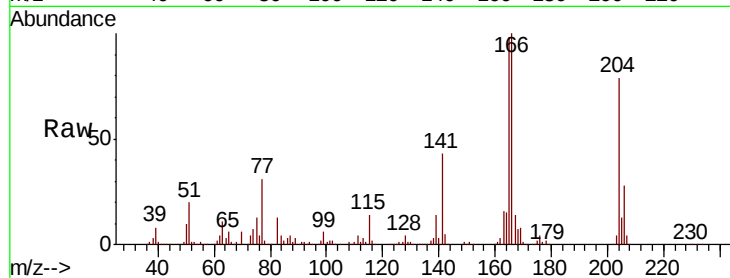




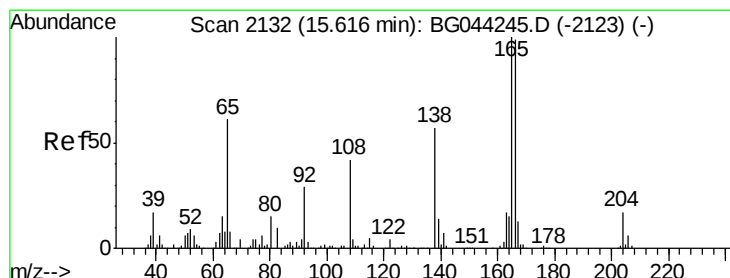
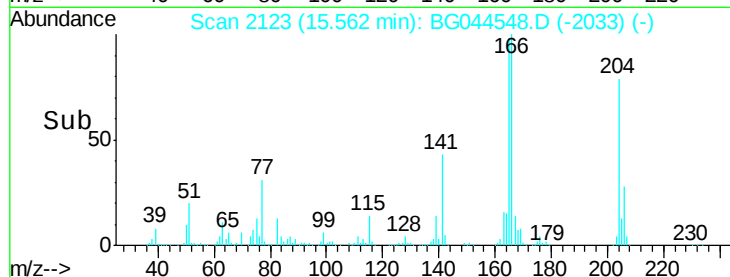
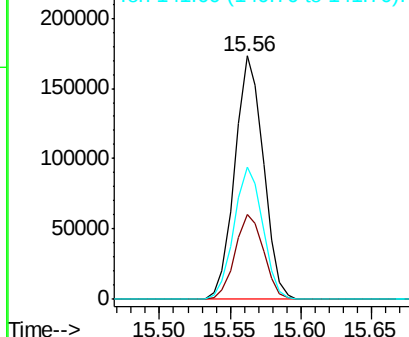
#61
4-Chlorophenyl-phenylether
Concen: 50.205 ng
RT: 15.56 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG044548.D
Acq: 21 Feb 2020 14:16

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 243763
Ion Ratio Lower Upper
204 100
206 34.9 28.6 42.8
141 54.2 43.9 65.9

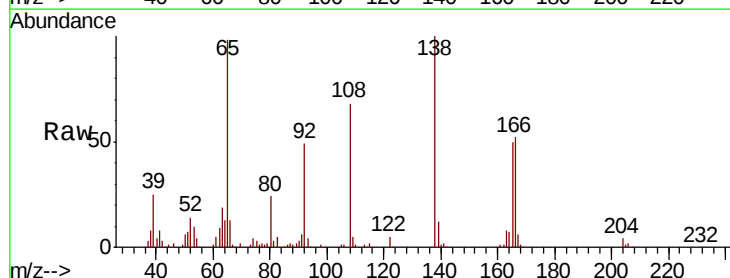


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

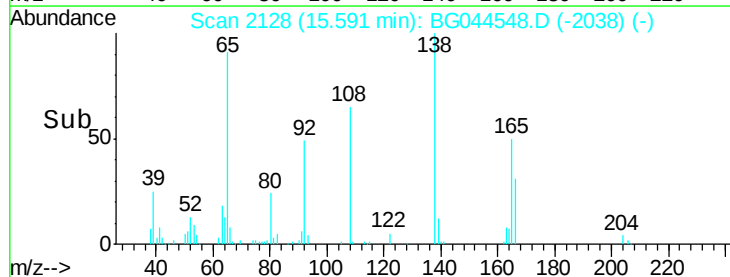
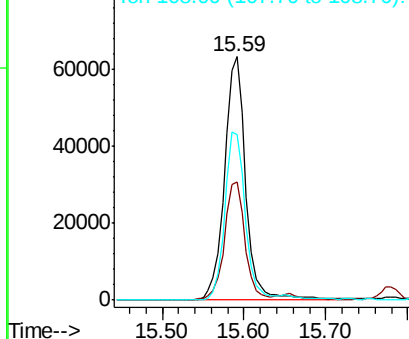


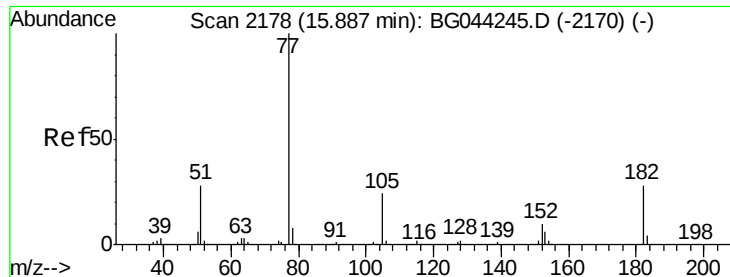
#62
4-Nitroaniline
Concen: 46.939 ng
RT: 15.59 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BG044548.D
Acq: 21 Feb 2020 14:16

Tgt Ion:138 Resp: 114449
Ion Ratio Lower Upper
138 100
92 48.6 30.7 70.7
108 68.0 51.9 91.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG0
Ion 108.00 (107.70 to 108.70): E

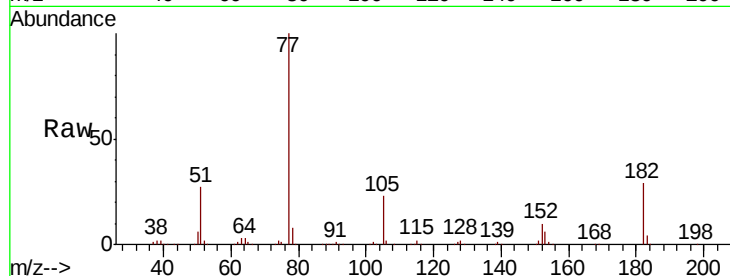




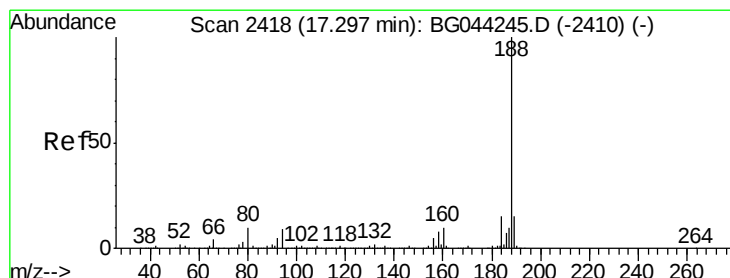
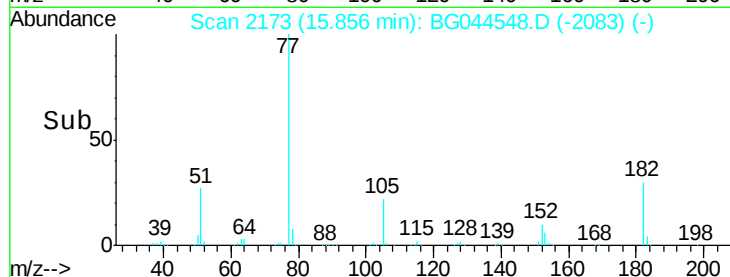
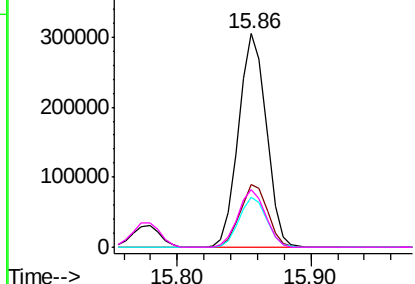
#63
Azobenzene
Concen: 50.754 ng
RT: 15.86 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BG044548.D
Acq: 21 Feb 2020 14:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	29.3	8.8	48.8	
105	23.4	4.0	44.0	
51	27.2	7.3	47.3	

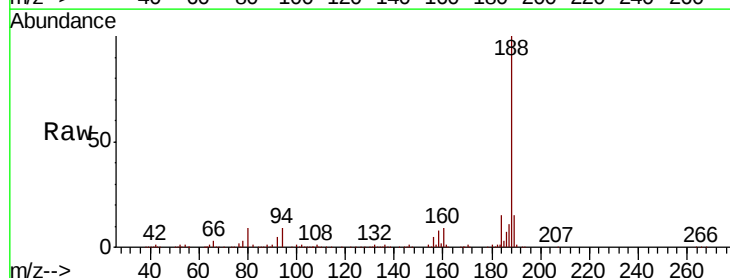


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

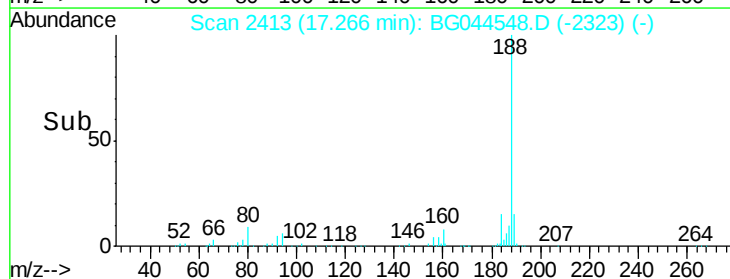
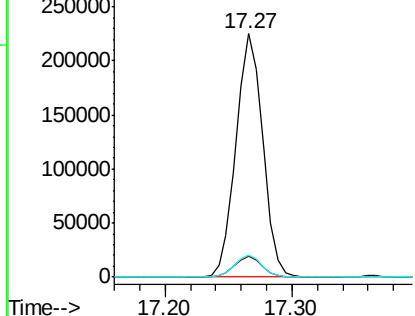


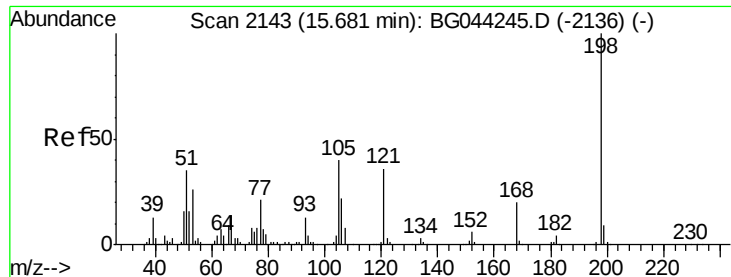
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.27 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG044548.D
Acq: 21 Feb 2020 14:16

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.7	7.4	11.0	
80	9.2	7.8	11.6	



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: 55.138 ng

RT: 15.66 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BG044548.D

Acq: 21 Feb 2020 14:16

Instrument :

BNA_G

ClientSampleId :

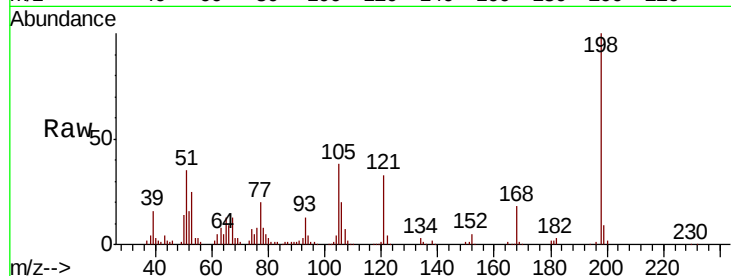
Tot Ion:198 Resp: 100436

Ion	Ratio	Lower	Upper
198	100		
51	34.6	17.9	57.9
105	37.7	19.8	59.8

198 100

51 34.6 17.9 57.9

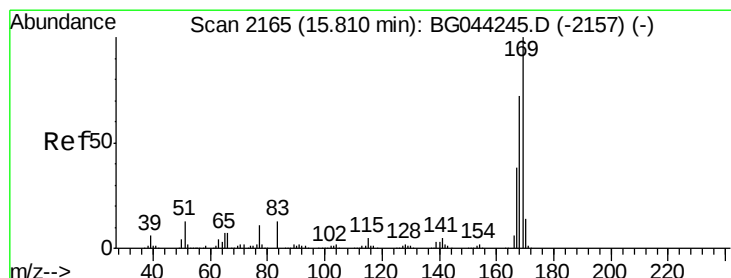
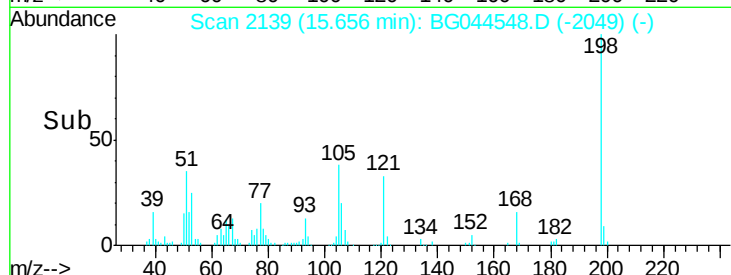
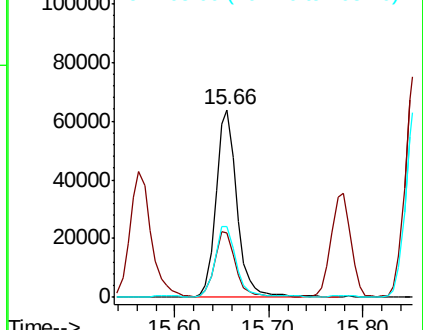
105 37.7 19.8 59.8



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: 47.969 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG044548.D

Acq: 21 Feb 2020 14:16

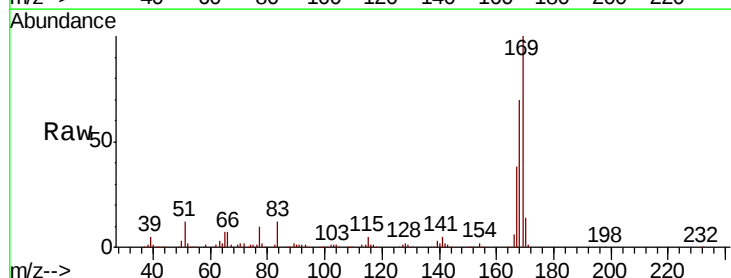
Tgt Ion:169 Resp: 443603

Ion	Ratio	Lower	Upper
169	100		
168	70.4	56.8	85.2
167	37.5	29.6	44.4

169 100

168 70.4 56.8 85.2

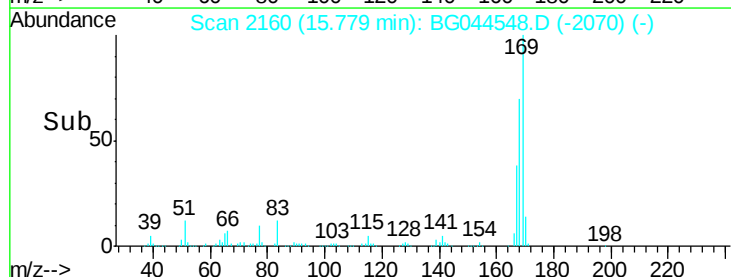
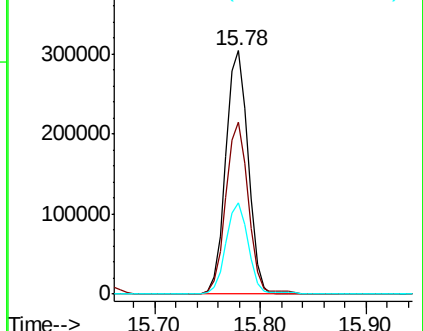
167 37.5 29.6 44.4

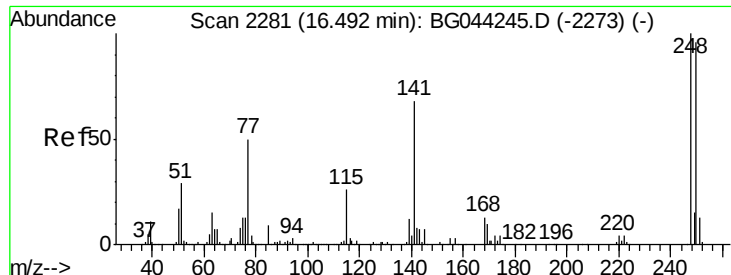


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

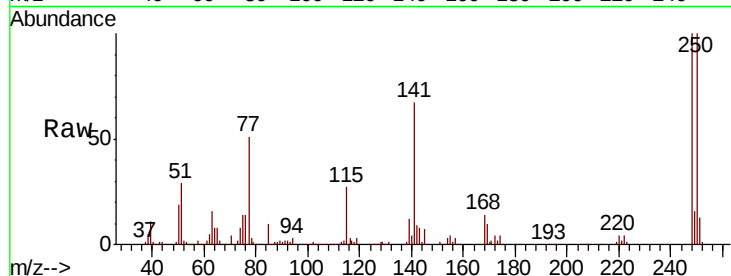




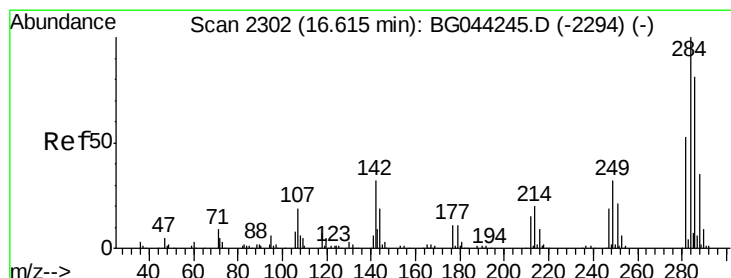
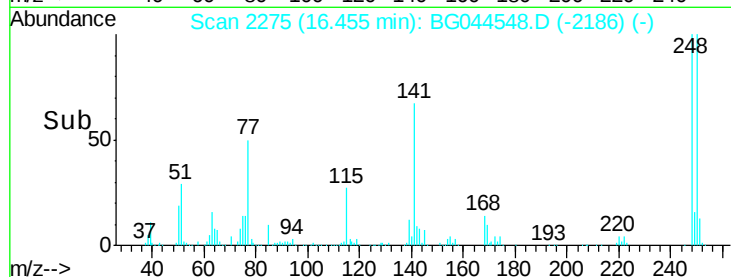
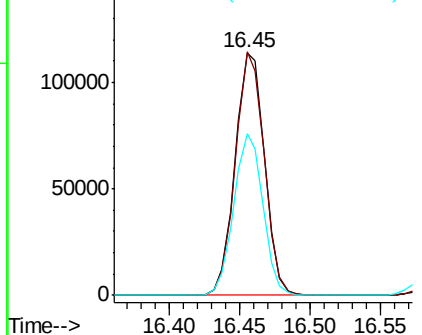
#67
 4-Bromophenyl-phenylether
 Concen: 46.110 ng
 RT: 16.45 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BG044548.D
 Acq: 21 Feb 2020 14:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 165774
 Ion Ratio Lower Upper
 248 100
 250 100.3 76.8 115.2
 141 66.8 50.0 75.0

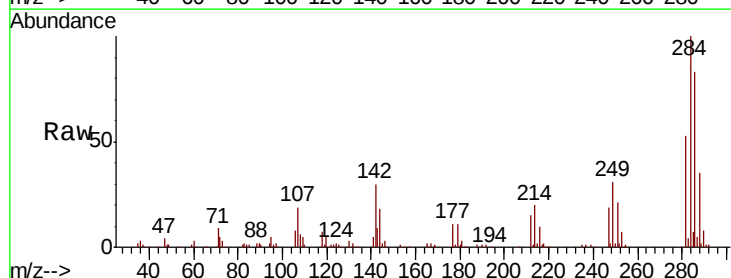


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

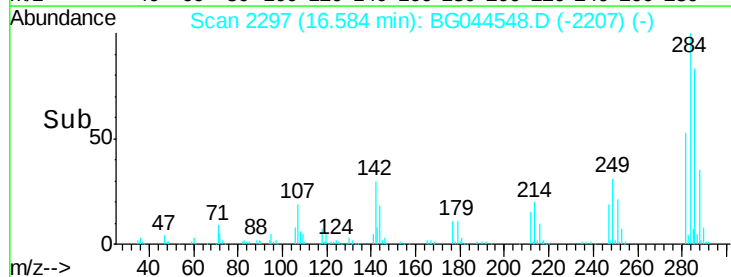
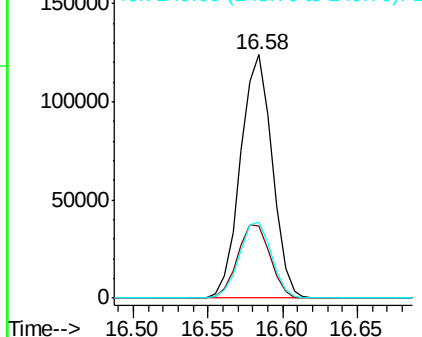


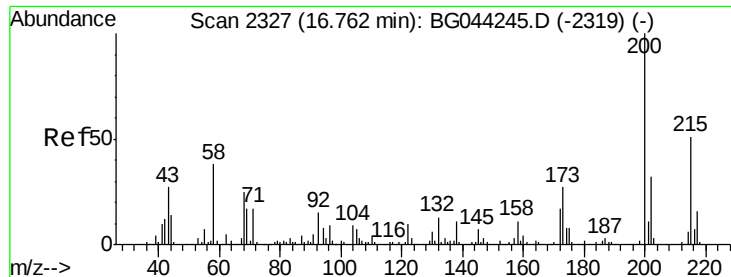
#68
 Hexachlorobenzene
 Concen: 45.354 ng
 RT: 16.58 min Scan# 2297
 Delta R.T. -0.00 min
 Lab File: BG044548.D
 Acq: 21 Feb 2020 14:16

Tgt Ion:284 Resp: 182678
 Ion Ratio Lower Upper
 284 100
 142 29.6 24.6 36.8
 249 31.1 24.9 37.3



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: 55.991 ng

RT: 16.73 min Scan# 2322

Delta R.T. -0.00 min

Lab File: BG044548.D

Acq: 21 Feb 2020 14:16

Instrument :

BNA_G

ClientSampleId :

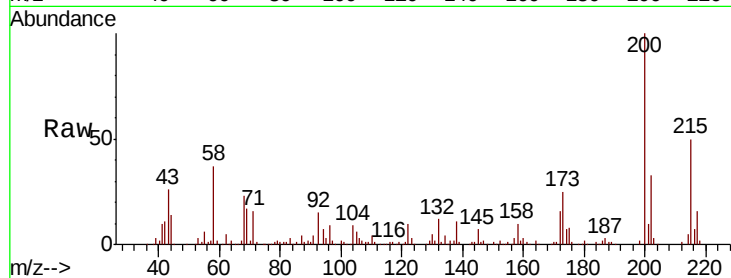
Tot Ion:200 Resp: 177476

Ion Ratio Lower Upper

200 100

173 24.8 5.6 45.6

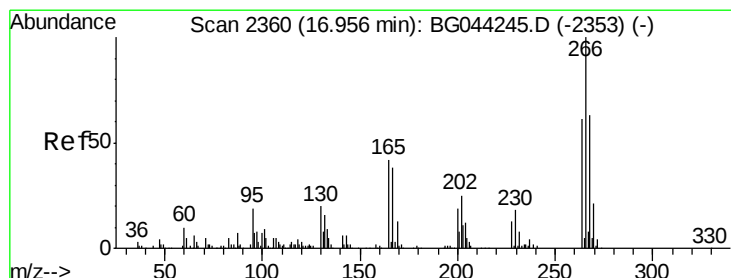
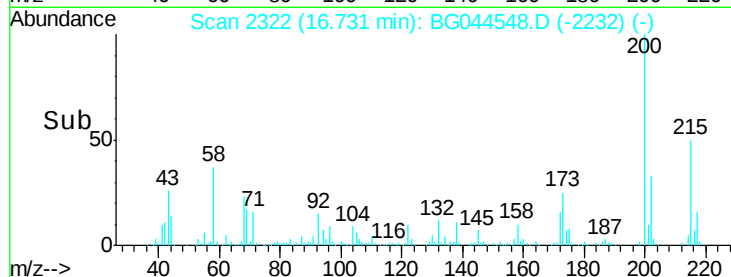
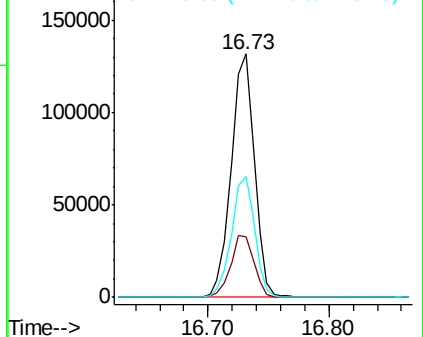
215 49.8 30.3 70.3



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: 92.586 ng

RT: 16.92 min Scan# 2355

Delta R.T. -0.00 min

Lab File: BG044548.D

Acq: 21 Feb 2020 14:16

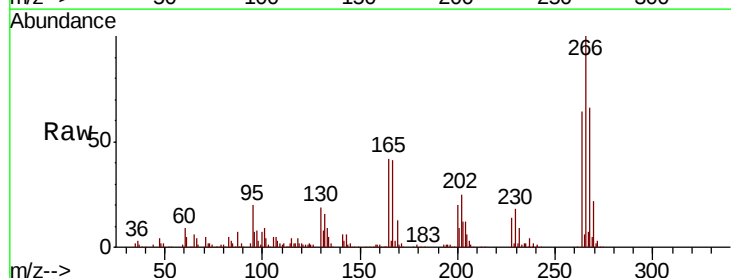
Tgt Ion:266 Resp: 189630

Ion Ratio Lower Upper

266 100

268 66.0 51.6 77.4

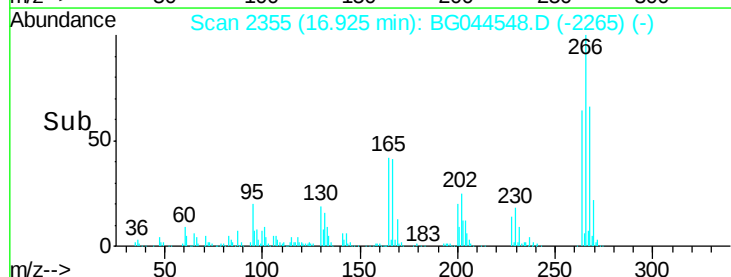
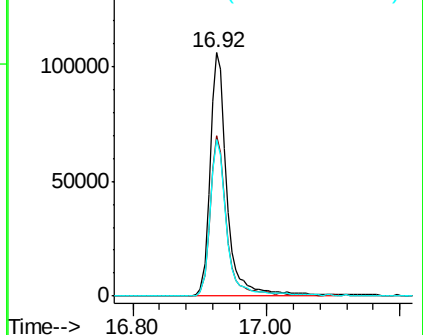
264 64.4 49.8 74.8

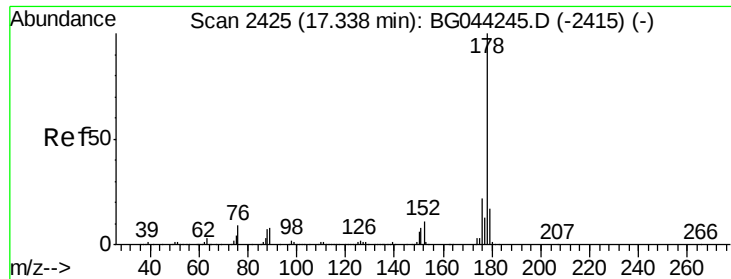


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

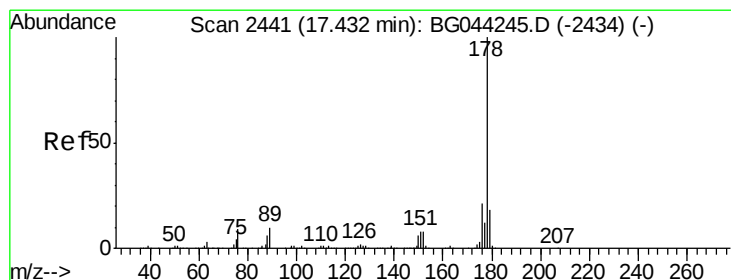
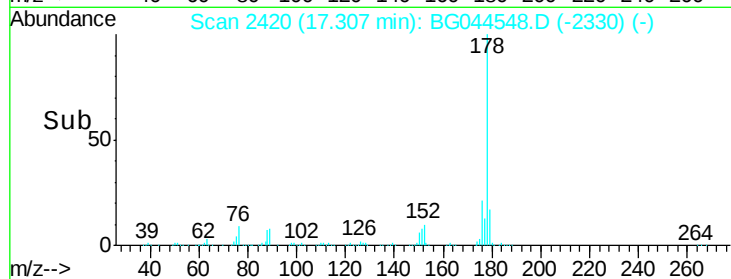
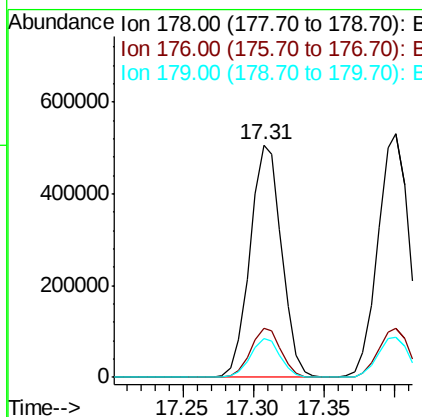
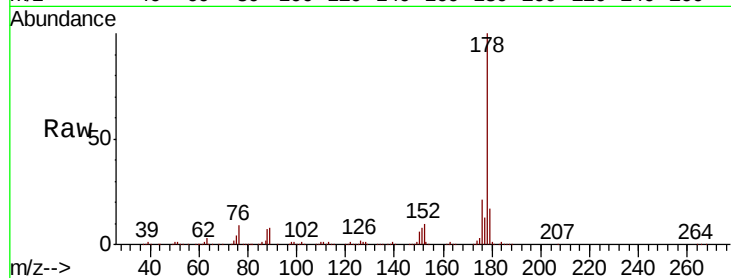




#71
Phenanthrene
Concen: 49.712 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BG044548.D
Acq: 21 Feb 2020 14:16

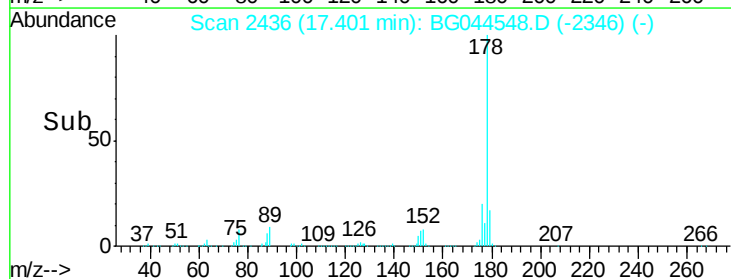
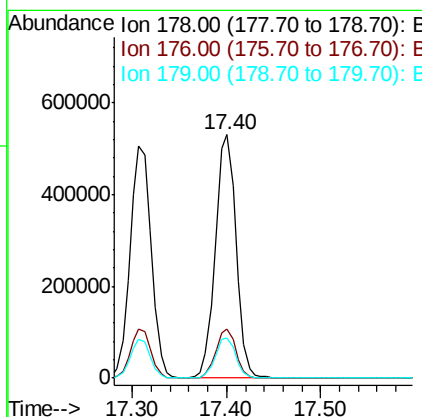
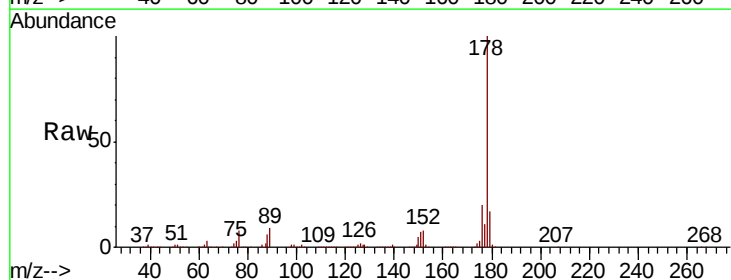
Instrument :
BNA_G
ClientSampleId :

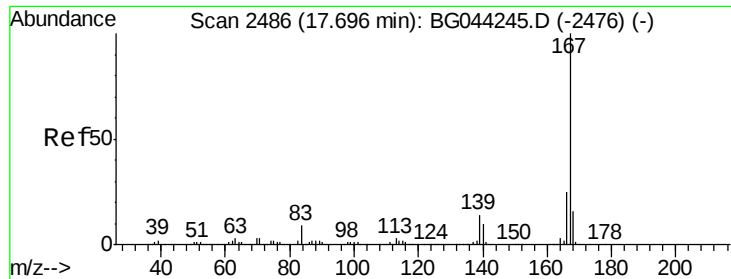
Tot Ion:178 Resp: 794355
Ion Ratio Lower Upper
178 100
176 21.0 17.4 26.0
179 16.6 13.8 20.6



#72
Anthracene
Concen: 51.780 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG044548.D
Acq: 21 Feb 2020 14:16

Tgt Ion:178 Resp: 818034
Ion Ratio Lower Upper
178 100
176 20.0 17.1 25.7
179 16.6 13.9 20.9





#73

Carbazole

Concen: 51.511 ng

RT: 17.67 min Scan# 2481

Delta R.T. -0.01 min

Lab File: BG044548.D

Acq: 21 Feb 2020 14:16

Instrument :

BNA_G

ClientSampleId :

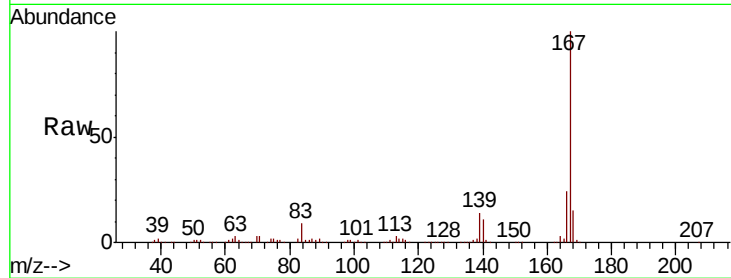
Tot Ion:167 Resp: 750201

Ion Ratio Lower Upper

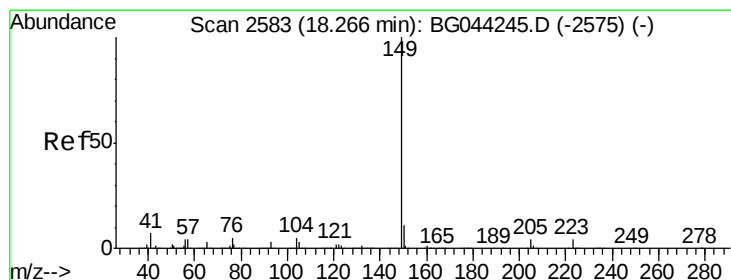
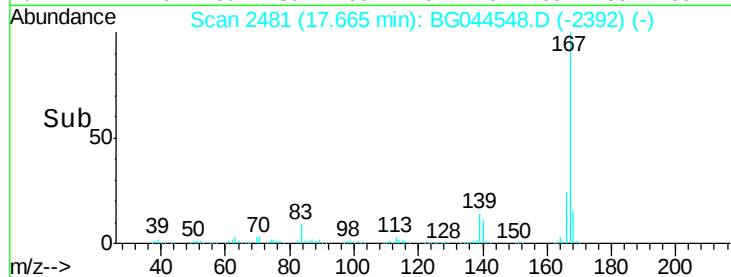
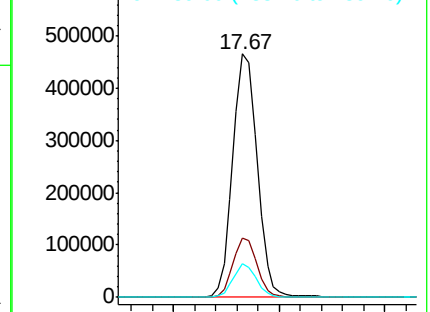
167 100

166 24.2 19.5 29.3

139 13.7 10.8 16.2



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: 52.603 ng

RT: 18.24 min Scan# 2578

Delta R.T. -0.00 min

Lab File: BG044548.D

Acq: 21 Feb 2020 14:16

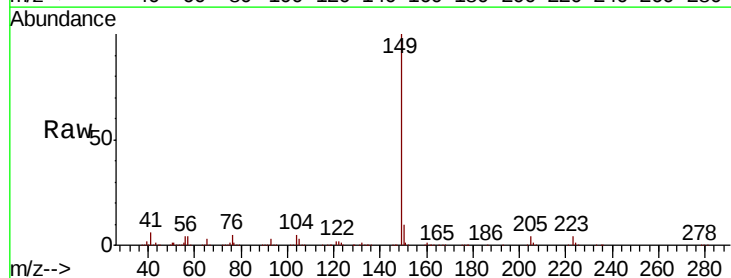
Tgt Ion:149 Resp: 946733

Ion Ratio Lower Upper

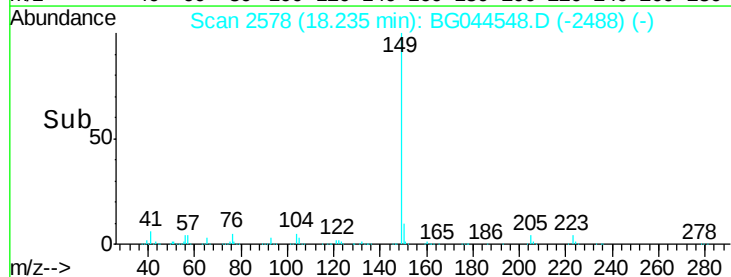
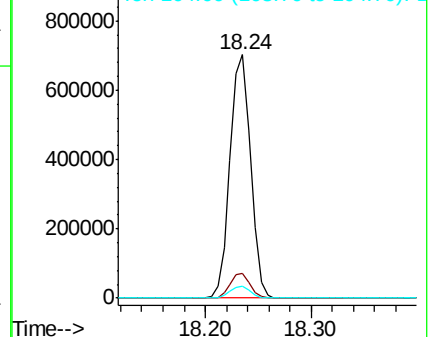
149 100

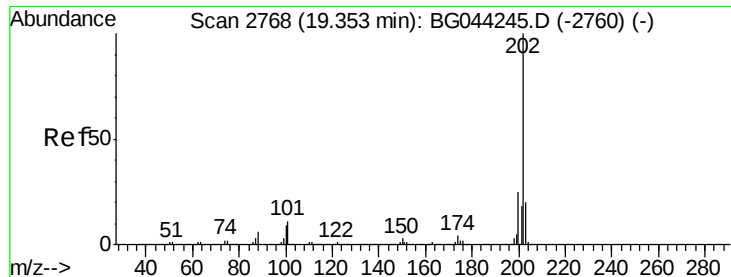
150 10.1 9.0 13.4

104 4.9 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: 54.757 ng

RT: 19.32 min Scan# 2763

Delta R.T. -0.00 min

Lab File: BG044548.D

Acq: 21 Feb 2020 14:16

Instrument :

BNA_G

ClientSampleId :

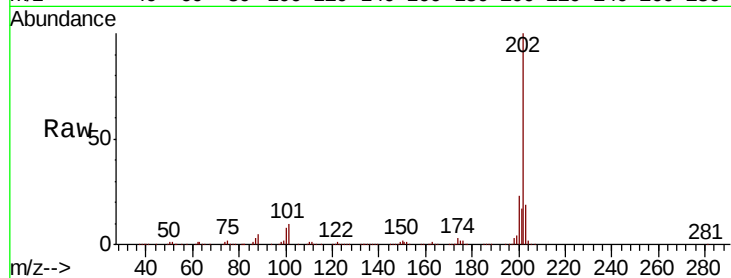
Tot Ion:202 Resp: 1012178

Ion Ratio Lower Upper

202 100

101 10.4 0.0 31.4

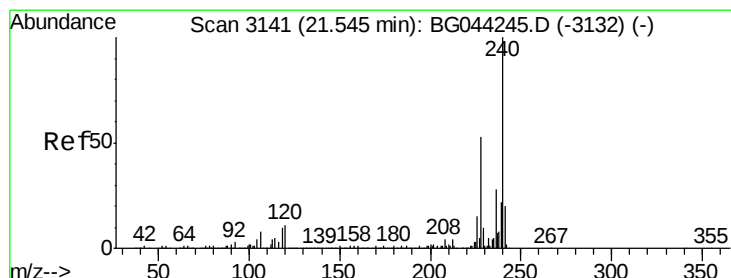
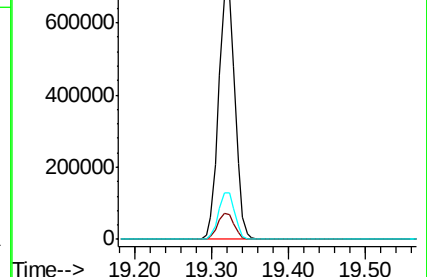
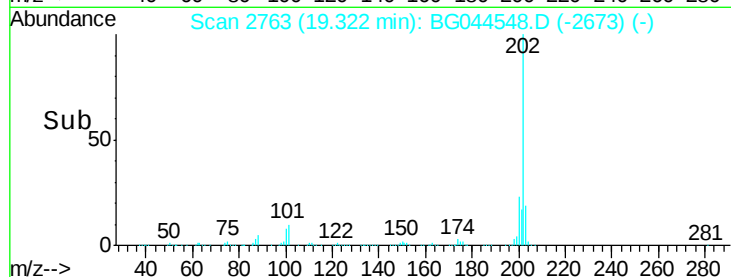
203 19.3 0.3 40.3



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: 21.51 min Scan# 3135

Delta R.T. -0.01 min

Lab File: BG044548.D

Acq: 21 Feb 2020 14:16

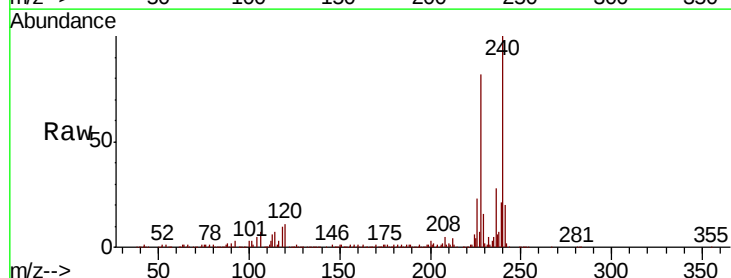
Tgt Ion:240 Resp: 322181

Ion Ratio Lower Upper

240 100

120 11.1 8.2 12.2

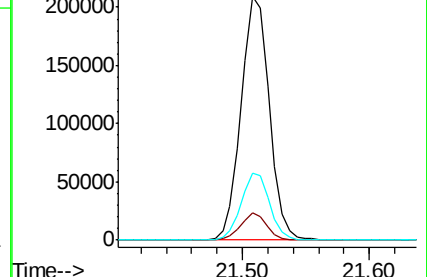
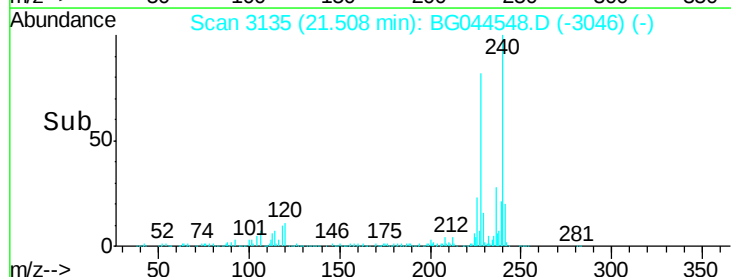
236 27.7 22.0 33.0

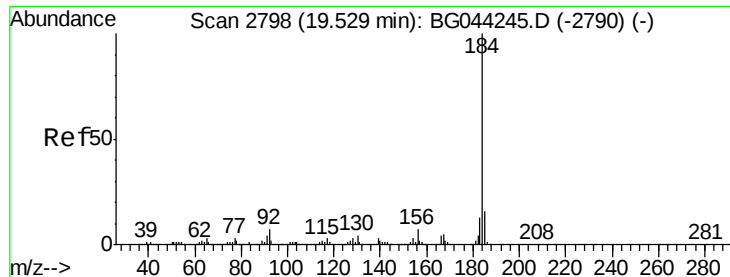


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 49.520 ng

RT: 19.50 min Scan# 2793

Delta R.T. -0.00 min

Lab File: BG044548.D

Acq: 21 Feb 2020 14:16

Instrument :

BNA_G

ClientSampleId :

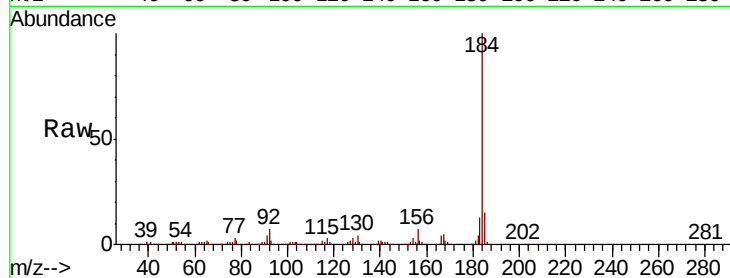
Tot Ion:184 Resp: 442539

Ion Ratio Lower Upper

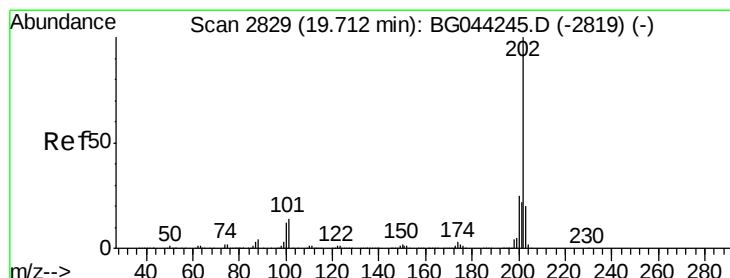
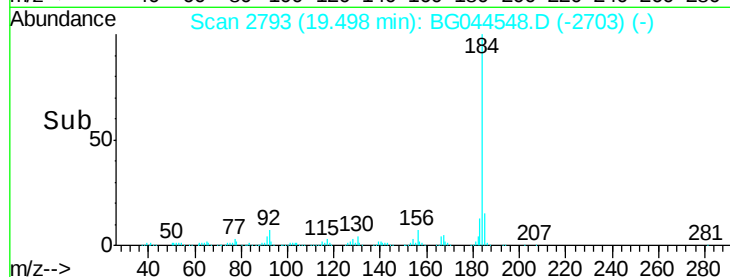
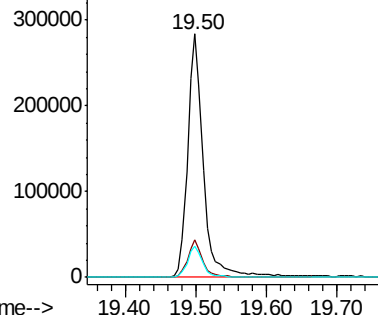
184 100

185 15.2 13.0 19.4

183 12.7 11.0 16.4



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: 49.294 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG044548.D

Acq: 21 Feb 2020 14:16

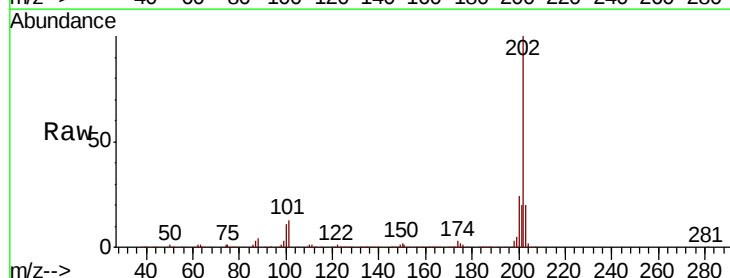
Tgt Ion:202 Resp: 1019921

Ion Ratio Lower Upper

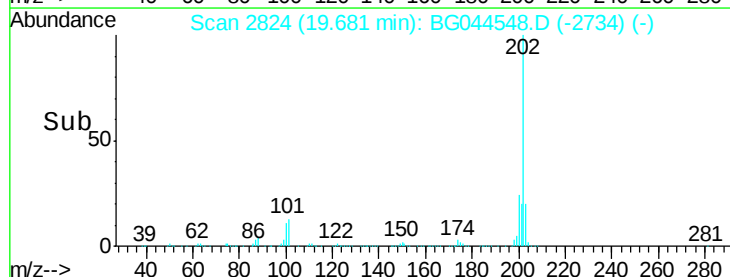
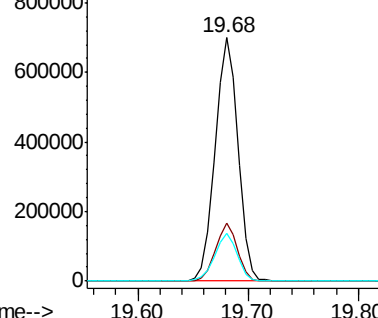
202 100

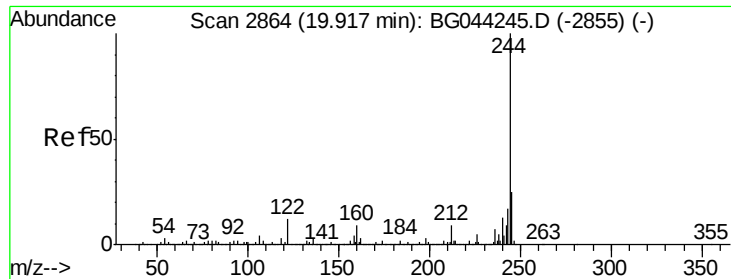
200 23.6 19.7 29.5

203 19.6 16.8 25.2



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: 84.082 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG044548.D

Acq: 21 Feb 2020 14:16

Instrument :

BNA_G

ClientSampleId :

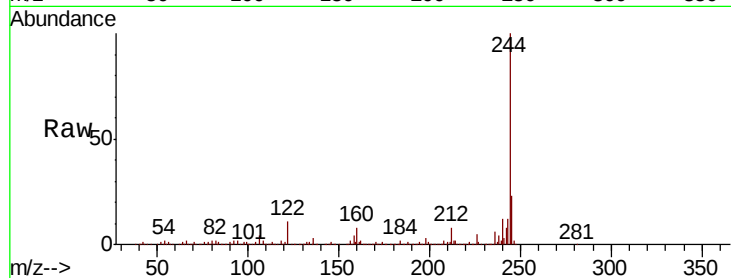
Tot Ion:244 Resp: 1317032

Ion Ratio Lower Upper

244 100

212 8.3 7.6 11.4

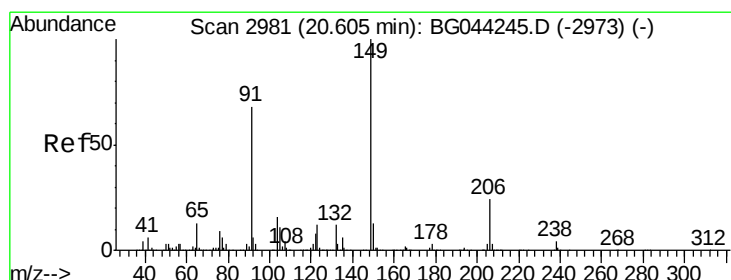
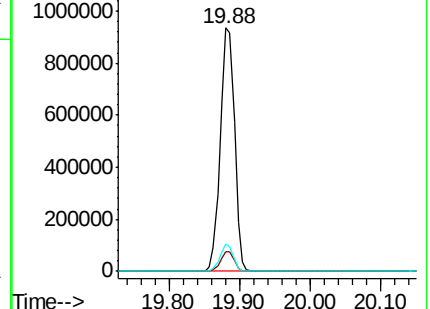
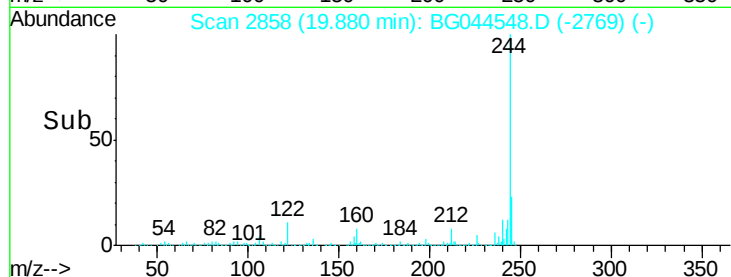
122 11.2 9.8 14.8



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: 47.696 ng

RT: 20.57 min Scan# 2976

Delta R.T. -0.00 min

Lab File: BG044548.D

Acq: 21 Feb 2020 14:16

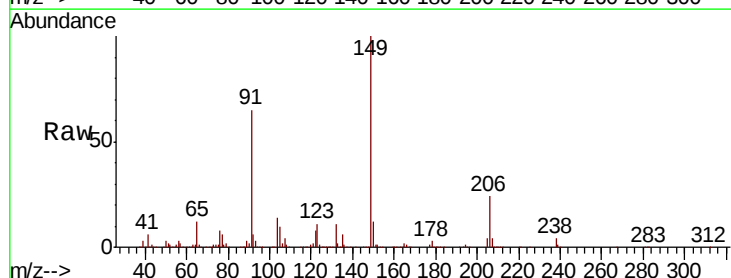
Tgt Ion:149 Resp: 449722

Ion Ratio Lower Upper

149 100

91 64.8 55.0 82.4

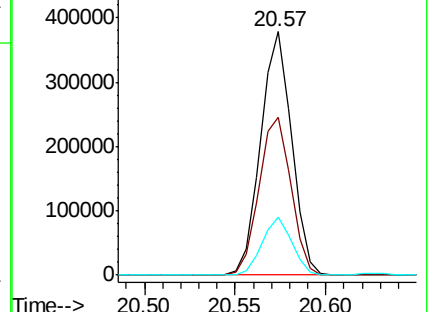
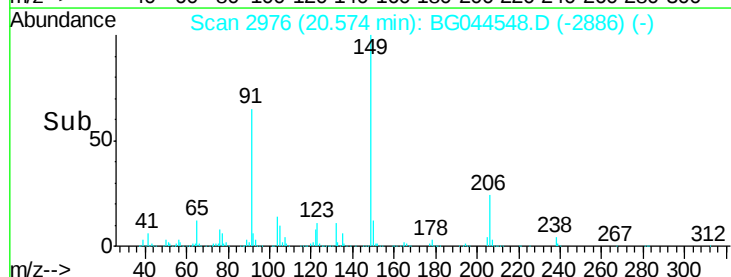
206 23.6 20.1 30.1

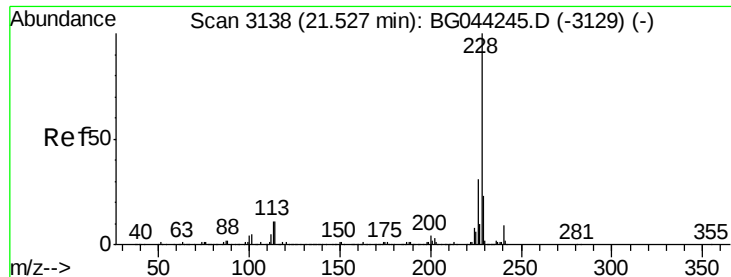


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.826 ng

RT: 21.49 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BG044548.D

Acq: 21 Feb 2020 14:16

Instrument :

BNA_G

ClientSampleId :

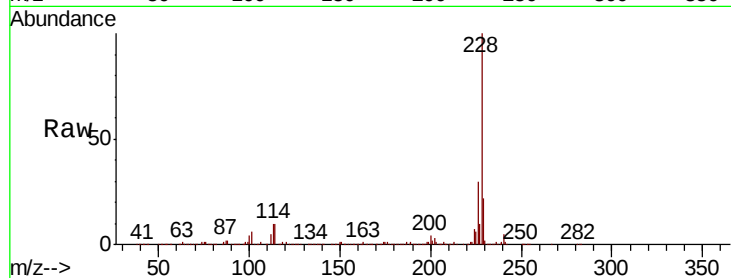
Tot Ion:228 Resp: 989367

Ion Ratio Lower Upper

228 100

226 29.6 24.4 36.6

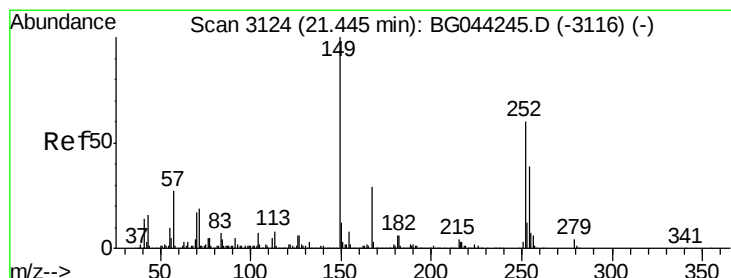
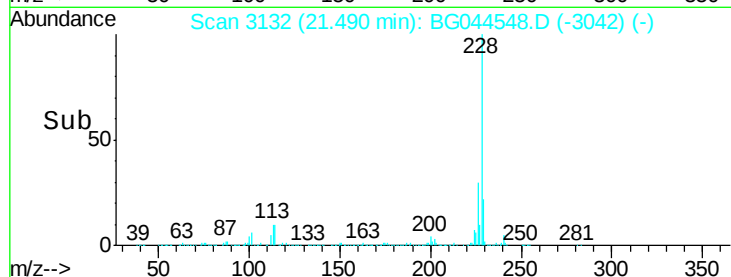
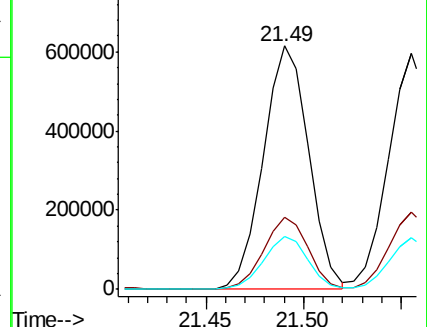
229 21.8 18.2 27.4



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: 37.974 ng

RT: 21.41 min Scan# 3118

Delta R.T. -0.01 min

Lab File: BG044548.D

Acq: 21 Feb 2020 14:16

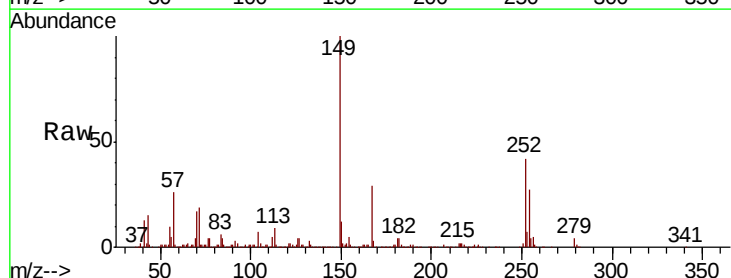
Tgt Ion:252 Resp: 292644

Ion Ratio Lower Upper

252 100

254 65.0 54.2 81.4

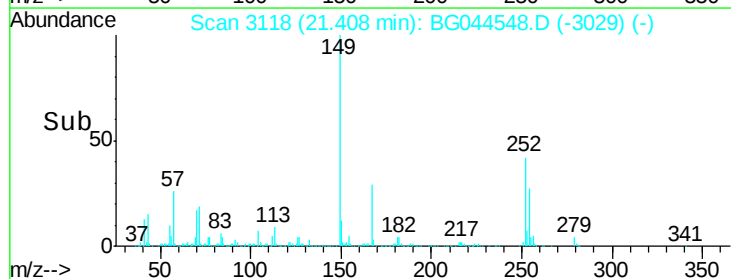
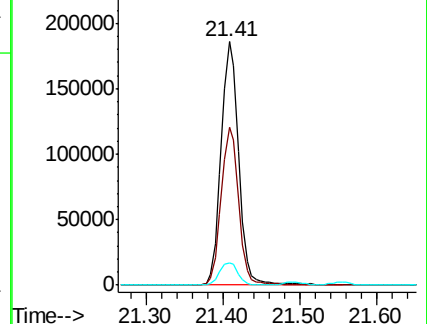
126 8.9 7.9 11.9

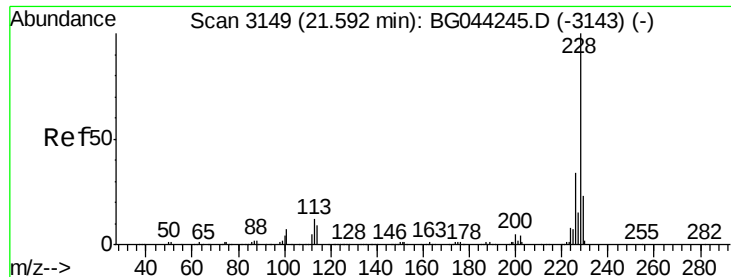


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

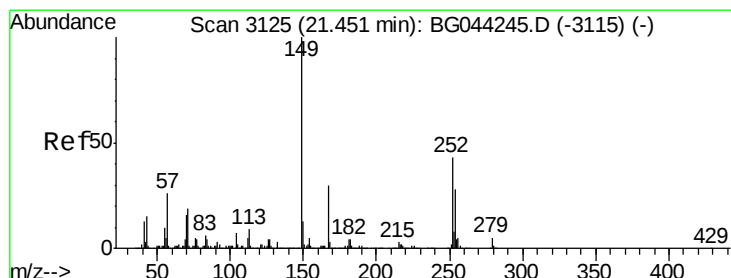
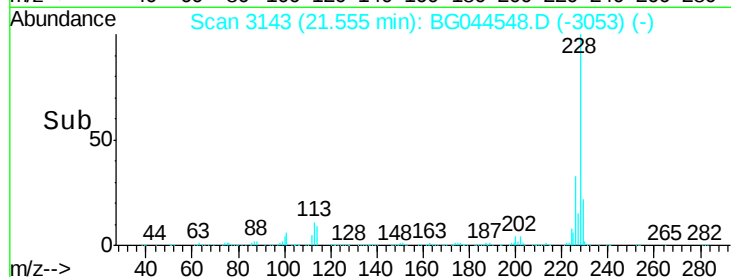
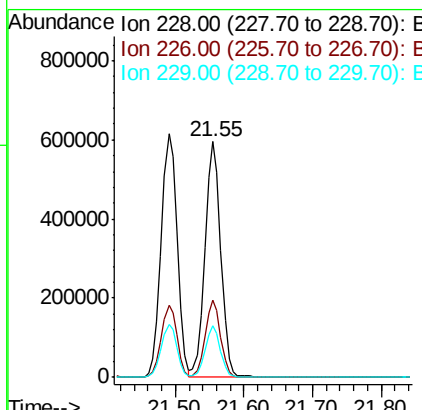
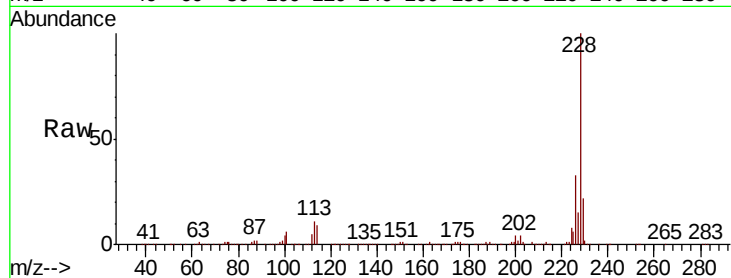




#83
 Chrvsene
 Concen: 50.062 ng
 RT: 21.55 min Scan# 3143
 Delta R.T. -0.00 min
 Lab File: BG044548.D
 Acq: 21 Feb 2020 14:16

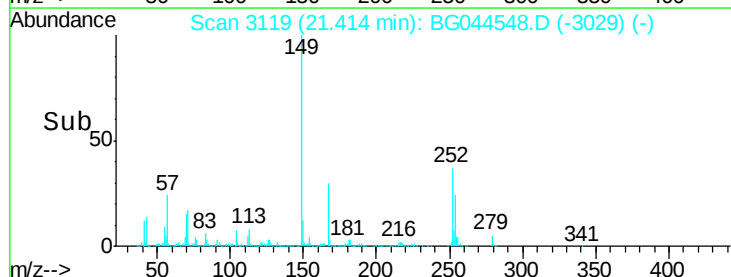
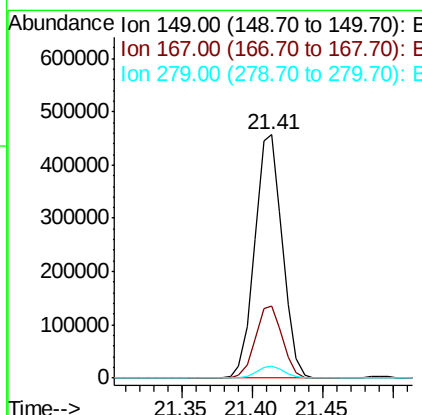
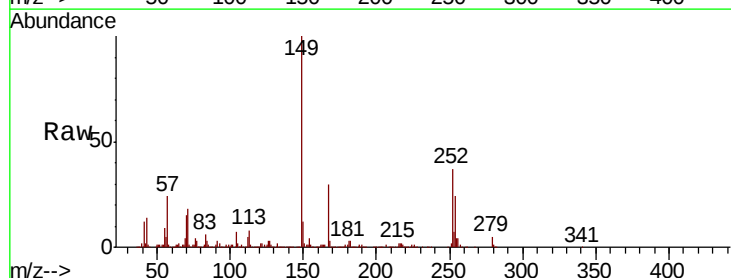
Instrument :
 BNA_G
 ClientSampleId :

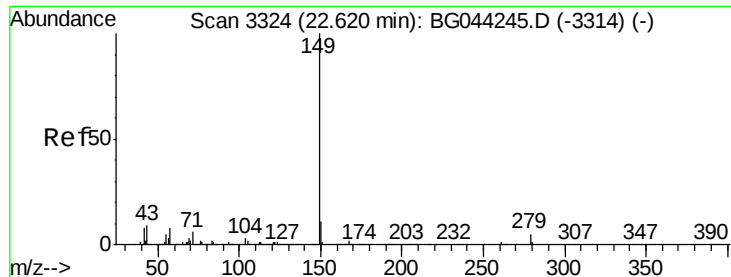
Tot Ion:228 Resp: 960845
 Ion Ratio Lower Upper
 228 100
 226 33.0 27.7 41.5
 229 22.2 18.2 27.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.332 ng
 RT: 21.41 min Scan# 3119
 Delta R.T. -0.00 min
 Lab File: BG044548.D
 Acq: 21 Feb 2020 14:16

Tgt Ion:149 Resp: 627252
 Ion Ratio Lower Upper
 149 100
 167 29.6 24.7 37.1
 279 5.0 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 49.742 ng

RT: 22.57 min Scan# 3316

Delta R.T. -0.00 min

Lab File: BG044548.D

Acq: 21 Feb 2020 14:16

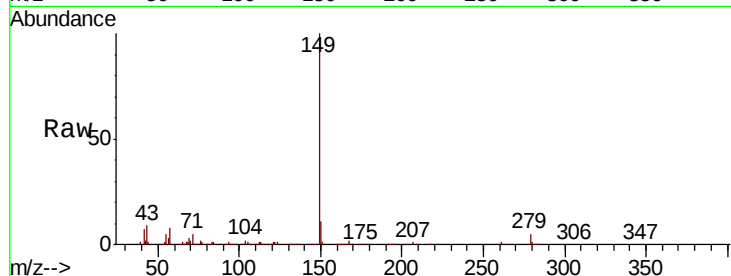
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 1116968

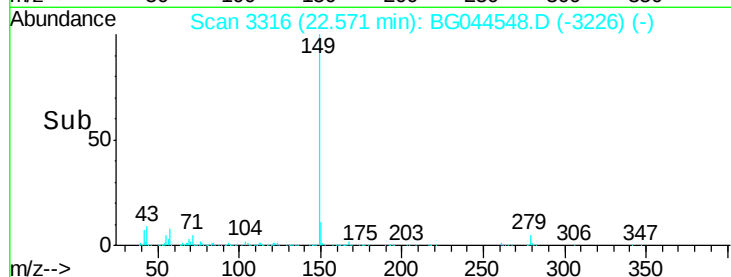
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	8.6	7.6	11.4



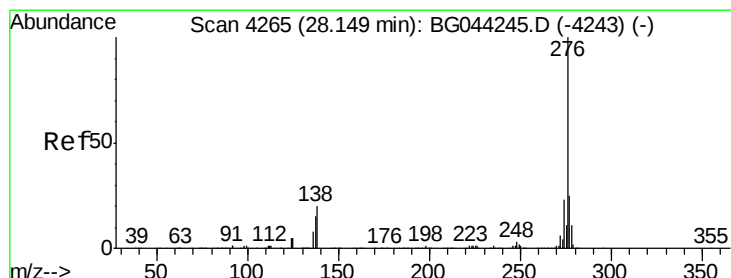
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 49.068 ng

RT: 28.06 min Scan# 4251

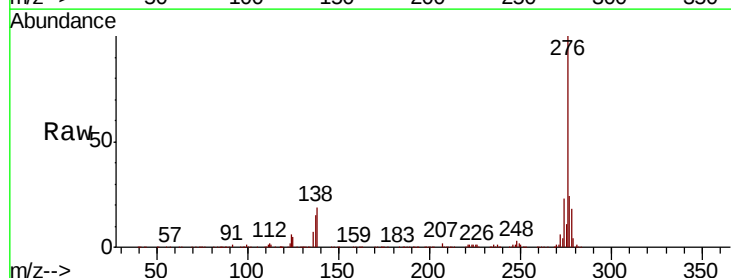
Delta R.T. -0.00 min

Lab File: BG044548.D

Acq: 21 Feb 2020 14:16

Tgt Ion:276 Resp: 1228657

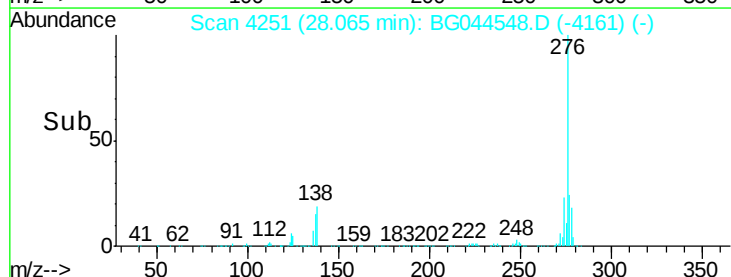
Ion	Ratio	Lower	Upper
276	100		
138	23.1	18.7	28.1
277	26.2	21.0	31.6



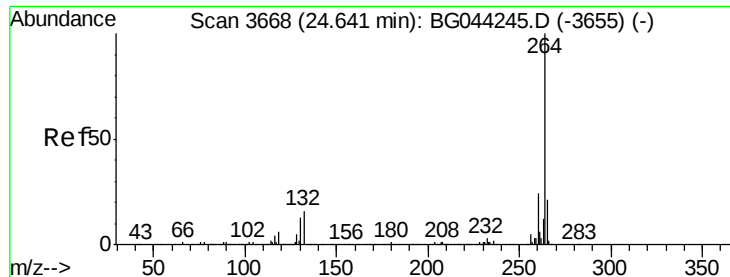
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->



#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.58 min Scan# 3658

Delta R.T. -0.00 min

Lab File: BG044548.D

Acq: 21 Feb 2020 14:16

Instrument :

BNA_G

ClientSampleId :

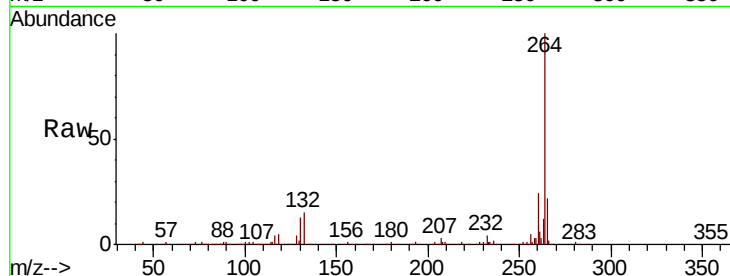
Tot Ion:264 Resp: 371846

Ion Ratio Lower Upper

264 100

260 24.3 19.8 29.8

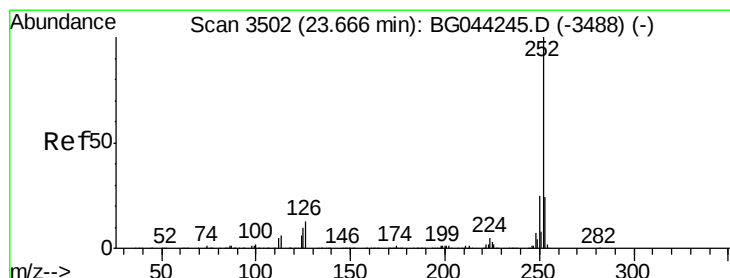
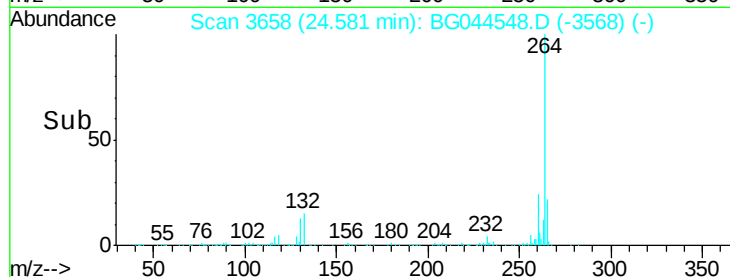
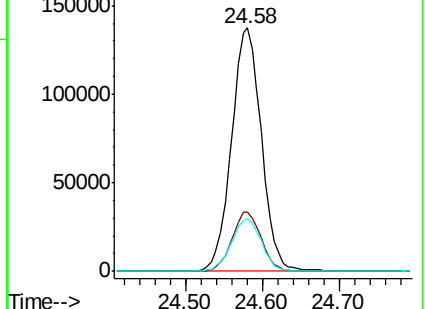
265 21.6 17.6 26.4



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: 50.361 ng

RT: 23.61 min Scan# 3493

Delta R.T. -0.00 min

Lab File: BG044548.D

Acq: 21 Feb 2020 14:16

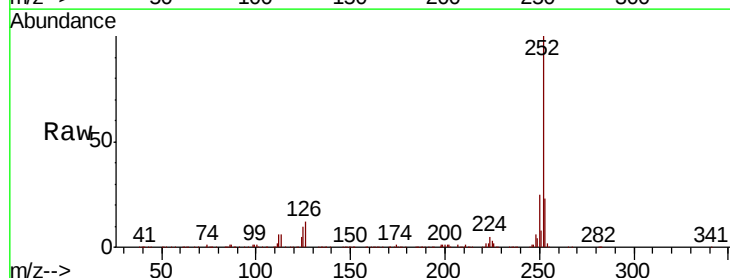
Tgt Ion:252 Resp: 1079082

Ion Ratio Lower Upper

252 100

253 23.0 19.1 28.7

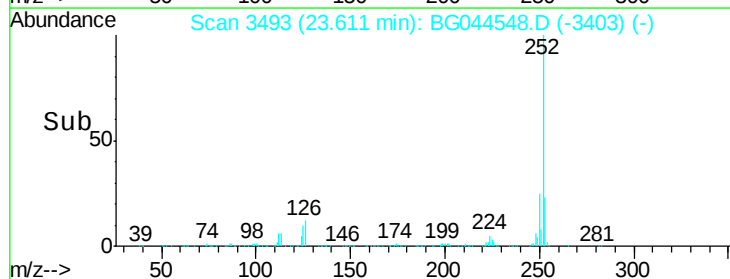
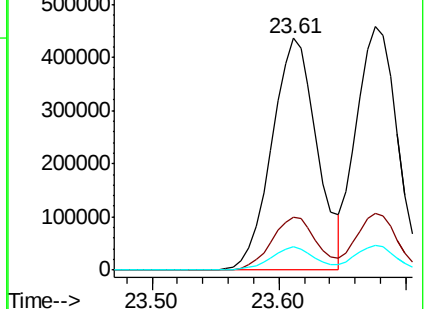
125 9.9 8.1 12.1

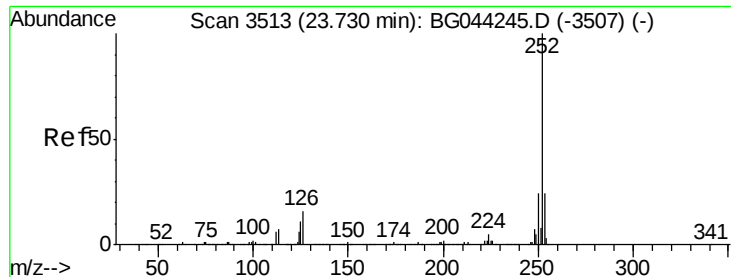


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

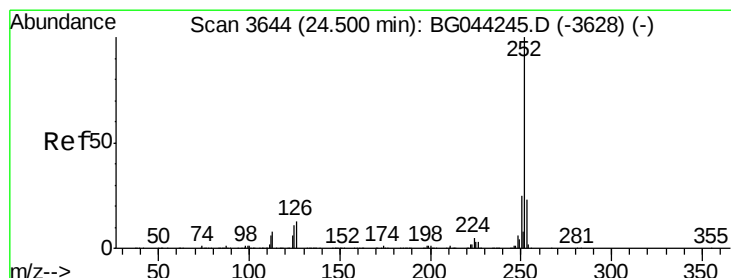
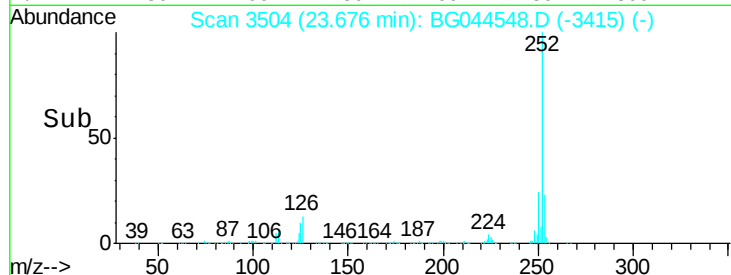
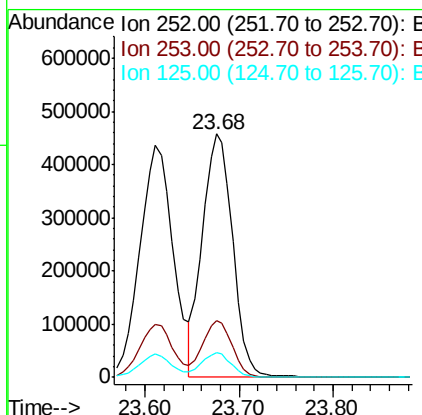
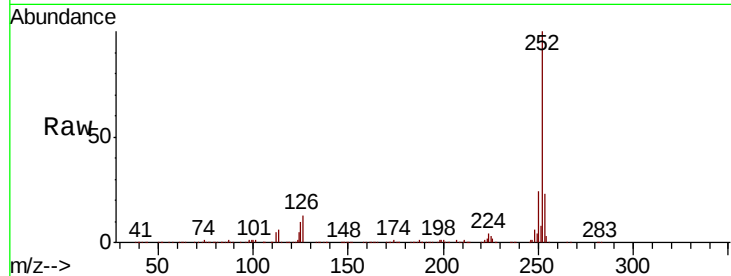




#89
Benzo(k)fluoranthene
Concen: 48.987 ng
RT: 23.68 min Scan# 3504
Delta R.T. -0.01 min
Lab File: BG044548.D
Acq: 21 Feb 2020 14:16

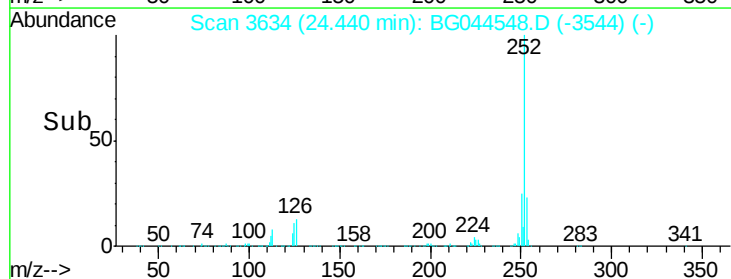
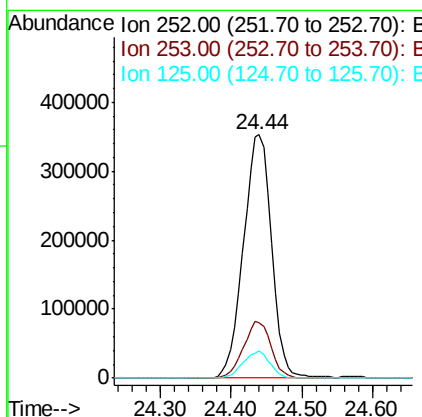
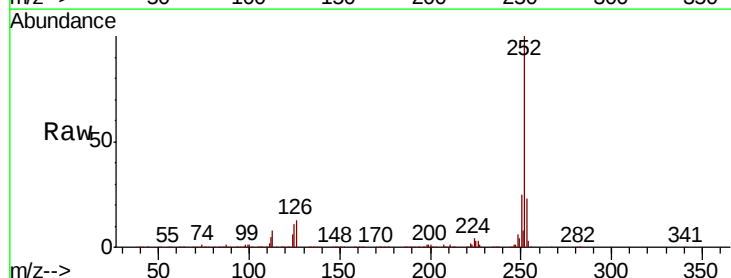
Instrument :
BNA_G
ClientSampleId :

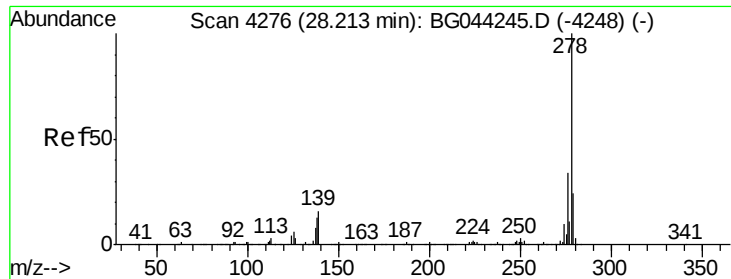
Tot Ion:252 Resp: 1023024
Ion Ratio Lower Upper
252 100
253 23.5 19.6 29.4
125 10.0 7.9 11.9



#90
Benzo(a)pyrene
Concen: 48.398 ng
RT: 24.44 min Scan# 3634
Delta R.T. -0.00 min
Lab File: BG044548.D
Acq: 21 Feb 2020 14:16

Tgt Ion:252 Resp: 980487
Ion Ratio Lower Upper
252 100
253 22.9 18.9 28.3
125 11.0 8.7 13.1



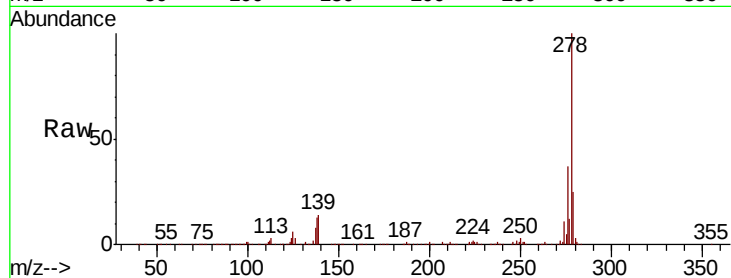


#91
Dibenzo(a,h)anthracene
Concen: 50.663 ng
RT: 28.12 min Scan# 4260
Delta R.T. -0.01 min
Lab File: BG044548.D
Acq: 21 Feb 2020 14:16

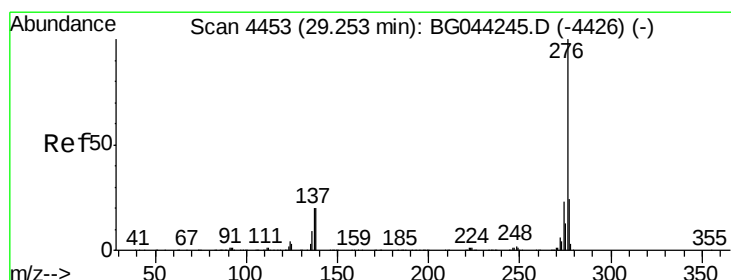
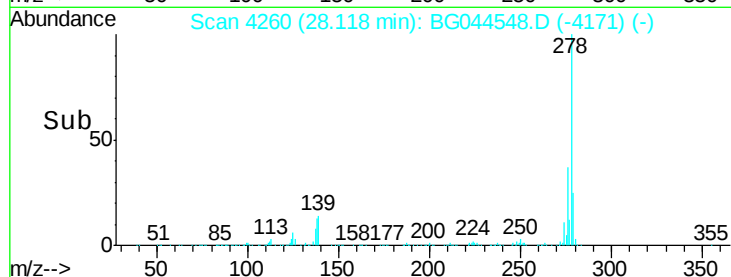
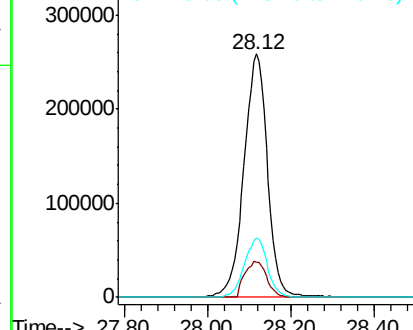
Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1015788

Ion	Ratio	Lower	Upper
278	100		
139	14.3	12.7	19.1
279	24.6	20.2	30.2



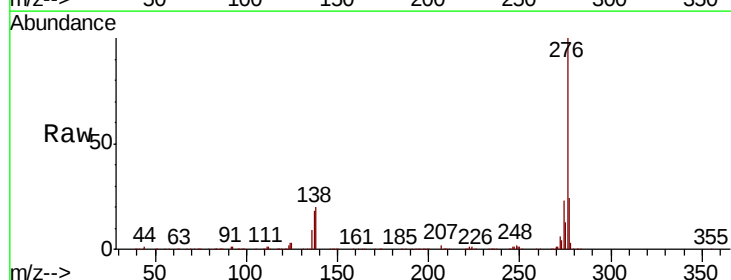
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 51.299 ng
RT: 29.15 min Scan# 4435
Delta R.T. -0.01 min
Lab File: BG044548.D
Acq: 21 Feb 2020 14:16

Tgt Ion:276 Resp: 1029626

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.8	29.8
138	19.6	16.4	24.6



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

