

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
 Data File : BG044542.D
 Acq On : 21 Feb 2020 10:21
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 21 16:09:19 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	84265	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	362632	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	248093	20.00	ng	0.00
64) Phenanthrene-d10	17.27	188	561760	20.00	ng	0.00
76) Chrysene-d12	21.51	240	521980	20.00	ng	0.00
87) Perylene-d12	24.58	264	577797	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	386372	80.92	ng	0.00
7) Phenol-d6	7.05	99	561433	87.56	ng	0.00
23) Nitrobenzene-d5	9.04	82	528617	82.30	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	267199	91.74	ng	0.00
45) 2-Fluorobiphenyl	13.15	172	1231495	83.12	ng	0.00
79) Terphenyl-d14	19.89	244	1871883	73.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.34	88	79228	36.932	ng	100
3) Pyridine	3.74	79	235738	41.246	ng	100
4) n-Nitrosodimethylamine	3.65	42	96598	40.447	ng	100
6) Aniline	7.20	93	347017	43.603	ng	100
8) 2-Chlorophenol	7.45	128	224332	42.750	ng	100
9) Benzaldehyde	7.01	77	143173	39.208	ng	100
10) Phenol	7.08	94	274928	43.327	ng	100
11) bis(2-Chloroethyl)ether	7.30	93	228929	42.200	ng	100
12) 1,3-Dichlorobenzene	7.77	146	259647	41.442	ng	100
13) 1,4-Dichlorobenzene	7.91	146	263745	42.503	ng	100
14) 1,2-Dichlorobenzene	8.24	146	249204	42.488	ng	100
15) Benzyl Alcohol	8.12	79	202708	44.656	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.41	45	315967	43.033	ng	100
17) 2-Methylphenol	8.33	107	195946	43.281	ng	100
18) Hexachloroethane	8.96	117	96952	41.636	ng	100
19) n-Nitroso-di-n-propylamine	8.69	70	187476	43.874	ng	100
20) 3+4-Methylphenols	8.66	107	275418	44.142	ng	100
22) Acetophenone	8.70	105	362500	41.092	ng	100
24) Nitrobenzene	9.08	77	259320	41.354	ng	100
25) Isophorone	9.60	82	511567	42.730	ng	100
26) 2-Nitrophenol	9.79	139	143988	44.253	ng	100
27) 2,4-Dimethylphenol	9.86	122	194633	42.376	ng	100
28) bis(2-Chloroethoxy)methane	10.09	93	331448	41.501	ng	100
29) 2,4-Dichlorophenol	10.33	162	239494	43.123	ng	100
30) 1,2,4-Trichlorobenzene	10.54	180	265244	41.651	ng	100
31) Naphthalene	10.73	128	740127	42.067	ng	100
32) Benzoic acid	10.05	122	118594	41.798	ng	100
33) 4-Chloroaniline	10.84	127	344324	43.031	ng	100
34) Hexachlorobutadiene	11.03	225	164789	42.054	ng	100
35) Caprolactam	11.63	113	96609	47.487	ng	100
36) 4-Chloro-3-methylphenol	11.98	107	257255	44.180	ng	100
37) 2-Methylnaphthalene	12.34	142	560453	42.904	ng	100
38) 1-Methylnaphthalene	12.56	142	531037	43.119	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.72	216	305893	41.218	ng	100

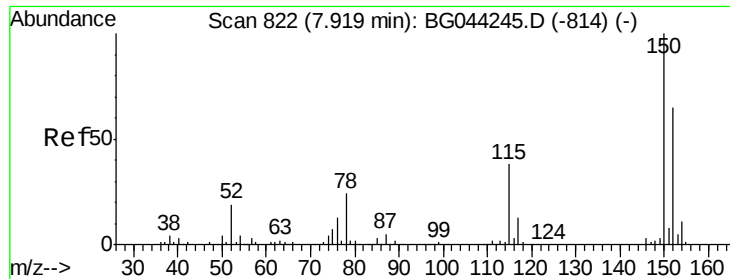
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
 Data File : BG044542.D
 Acq On : 21 Feb 2020 10:21
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 21 16:09:19 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	137064	38.491	ng	100
43) 2,4,6-Trichlorophenol	12.96	196	206675	43.085	ng	100
44) 2,4,5-Trichlorophenol	13.04	196	212554	43.382	ng	100
46) 1,1'-Biphenyl	13.35	154	735580	41.105	ng	100
47) 2-Chloronaphthalene	13.39	162	588166	41.303	ng	100
48) 2-Nitroaniline	13.60	65	180500	42.950	ng	100
49) Acenaphthylene	14.25	152	883486	42.300	ng	100
50) Dimethylphthalate	13.98	163	755465	42.362	ng	100
51) 2,6-Dinitrotoluene	14.10	165	170851	42.967	ng	100
52) Acenaphthene	14.59	154	562570	41.555	ng	100
53) 3-Nitroaniline	14.43	138	190366	43.273	ng	100
54) 2,4-Dinitrophenol	14.63	184	101331	46.533	ng	100
55) Dibenzofuran	14.92	168	862151	42.062	ng	100
56) 4-Nitrophenol	14.75	139	140056	43.463	ng	100
57) 2,4-Dinitrotoluene	14.89	165	248812	44.645	ng	100
58) Fluorene	15.57	166	694040	42.990	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.15	232	200932	45.402	ng	100
60) Diethylphthalate	15.35	149	771146	43.396	ng	100
61) 4-Chlorophenyl-phenylether	15.56	204	373843	42.708	ng	100
62) 4-Nitroaniline	15.59	138	198090	45.063	ng	100
63) Azobenzene	15.86	77	658059	42.253	ng	100
65) 4,6-Dinitro-2-methylphenol	15.66	198	142464	45.943	ng	100
66) n-Nitrosodiphenylamine	15.78	169	651582	41.389	ng	100
67) 4-Bromophenyl-phenylether	16.46	248	259939	42.472	ng	100
68) Hexachlorobenzene	16.58	284	288101	42.017	ng	100
69) Atrazine	16.73	200	208554	38.650	ng	100
70) Pentachlorophenol	16.93	266	140507	42.073	ng	100
71) Phenanthrene	17.31	178	1142654	42.006	ng	100
72) Anthracene	17.40	178	1134131	42.171	ng	100
73) Carbazole	17.67	167	1046122	42.194	ng	100
74) Di-n-butylphthalate	18.24	149	1306283	42.636	ng	100
75) Fluoranthene	19.32	202	1334286	42.401	ng	100
77) Benzidine	19.50	184	706452	48.793	ng	100
78) Pyrene	19.68	202	1338607	39.933	ng	100
80) Butylbenzylphthalate	20.57	149	610677	39.976	ng	100
81) Benzo(a)anthracene	21.49	228	1294826	40.249	ng	100
82) 3,3'-Dichlorobenzidine	21.41	252	510713	40.904	ng	100
83) Chrysene	21.56	228	1228330	39.502	ng	100
84) Bis(2-ethylhexyl)phthalate	21.41	149	812342	38.634	ng	100
85) Di-n-octyl phthalate	22.57	149	1461872	40.183	ng	100
86) Indeno(1,2,3-cd)pyrene	28.07	276	1632519	40.241	ng	100
88) Benzo(b)fluoranthene	23.61	252	1407453	42.273	ng	100
89) Benzo(k)fluoranthene	23.68	252	1338387	41.244	ng	100
90) Benzo(a)pyrene	24.44	252	1323211	42.034	ng	100
91) Dibenzo(a,h)anthracene	28.12	278	1313859	42.172	ng	100
92) Benzo(g,h,i)perylene	29.15	276	1316827	42.223	ng	100

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

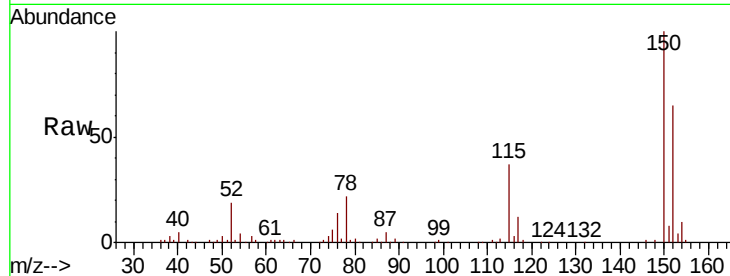


#1

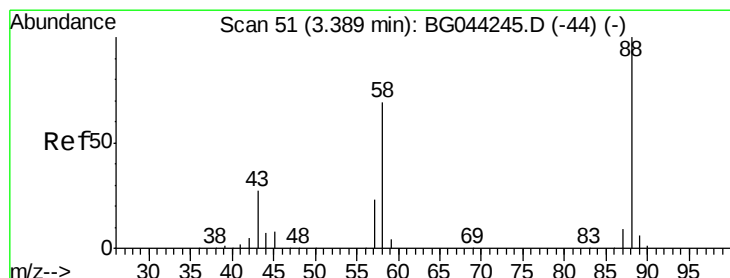
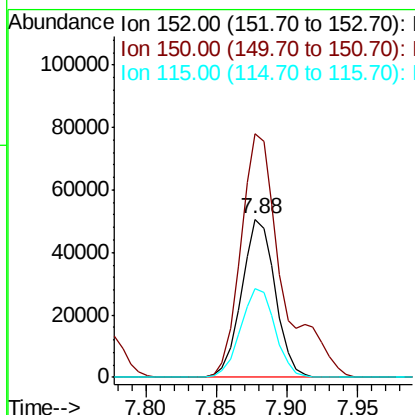
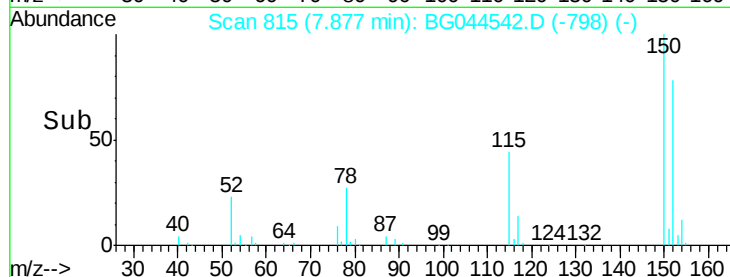
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BG044542.D
Acq: 21 Feb 2020 10:21

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 84265
Ion Ratio Lower Upper
152 100
150 153.9 123.1 184.7
115 56.4 45.1 67.7



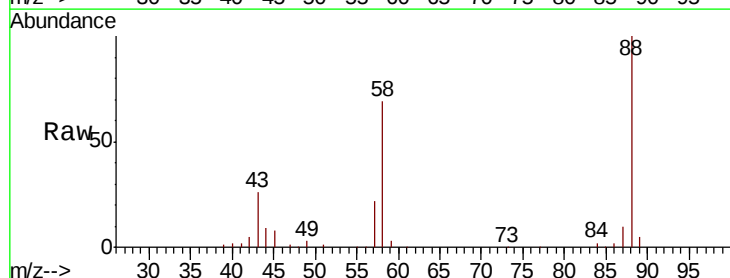
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



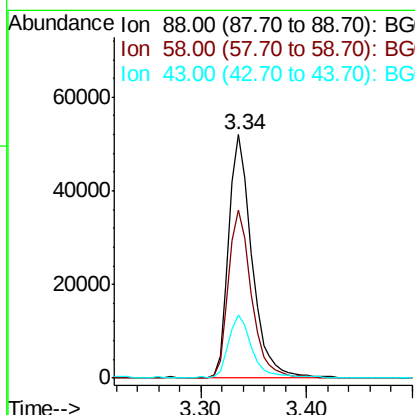
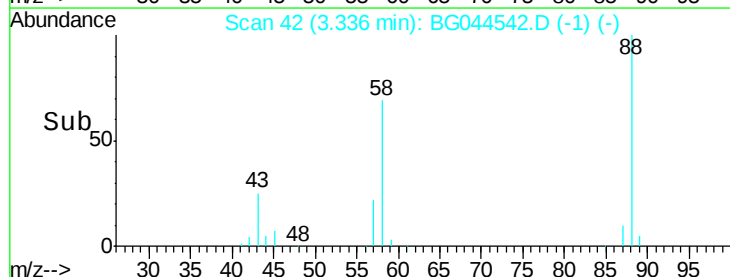
#2

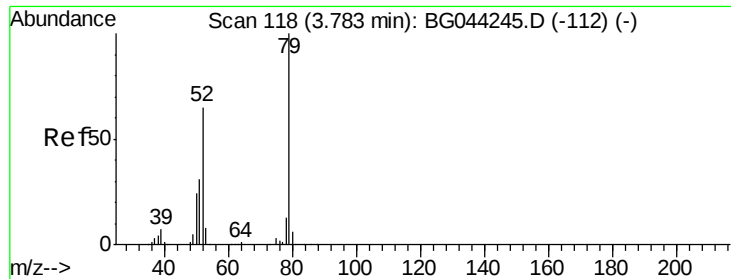
1,4-Dioxane
Concen: 36.932 ng
RT: 3.34 min Scan# 42
Delta R.T. 0.00 min
Lab File: BG044542.D
Acq: 21 Feb 2020 10:21

Tgt Ion: 88 Resp: 79228
Ion Ratio Lower Upper
88 100
58 68.5 54.8 82.2
43 26.5 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: 41.246 ng

RT: 3.74 min Scan# 110

Delta R.T. 0.00 min

Lab File: BG044542.D

Acq: 21 Feb 2020 10:21

Instrument :

BNA_G

ClientSampleId :

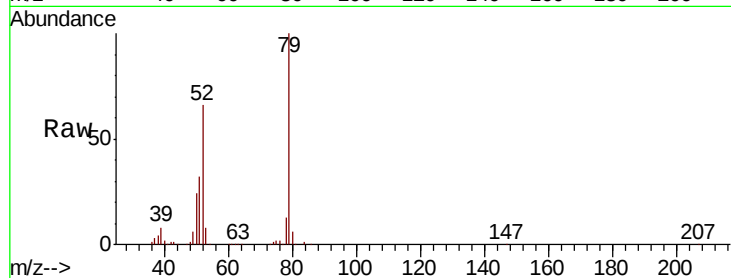
Tot Ion: 79 Resp: 235738

Ion Ratio Lower Upper

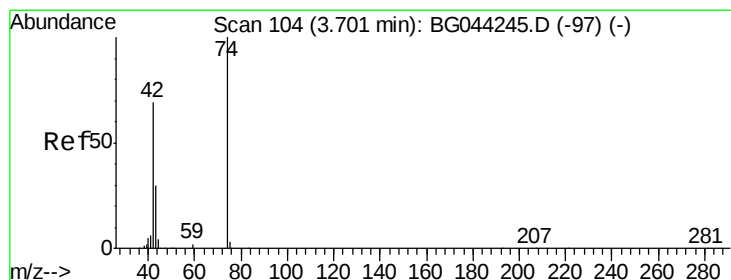
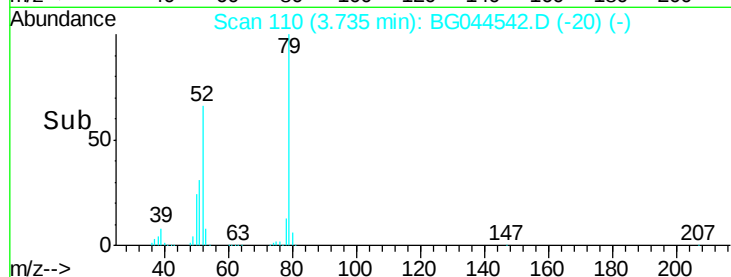
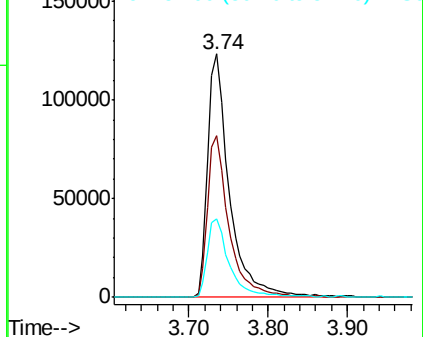
79 100

52 66.2 53.0 79.4

51 32.1 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: 40.447 ng

RT: 3.65 min Scan# 95

Delta R.T. 0.00 min

Lab File: BG044542.D

Acq: 21 Feb 2020 10:21

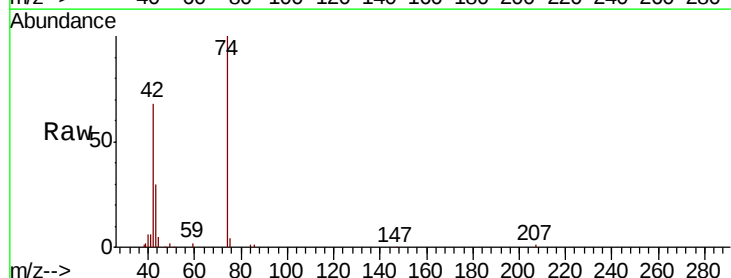
Tgt Ion: 42 Resp: 96598

Ion Ratio Lower Upper

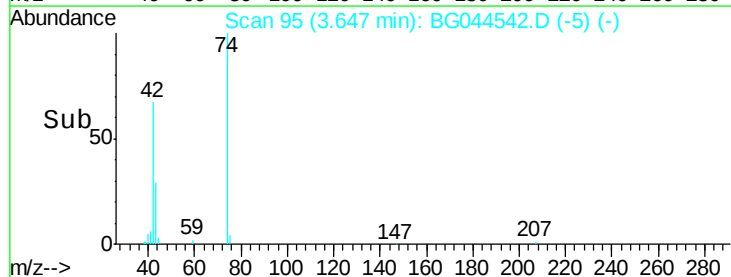
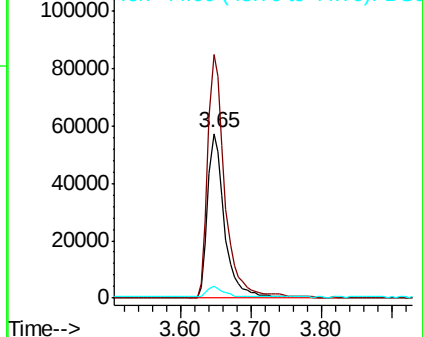
42 100

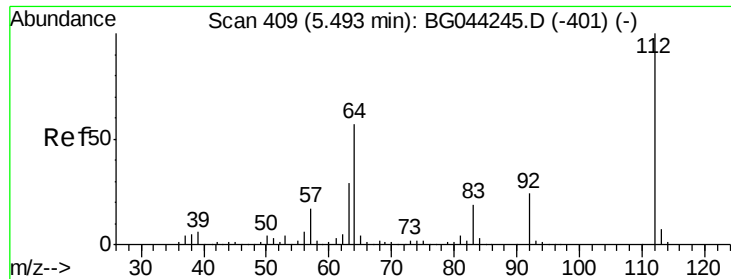
74 148.0 118.4 177.6

44 7.5 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: 80.922 ng

RT: 5.46 min Scan# 403

Delta R.T. 0.00 min

Lab File: BG044542.D

Acq: 21 Feb 2020 10:21

Instrument :

BNA_G

ClientSampleId :

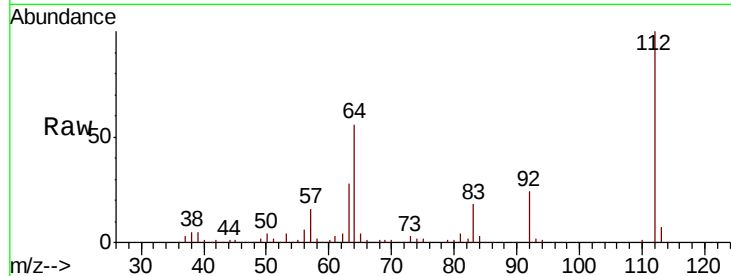
Tot Ion: 112 Resp: 386372

Ion Ratio Lower Upper

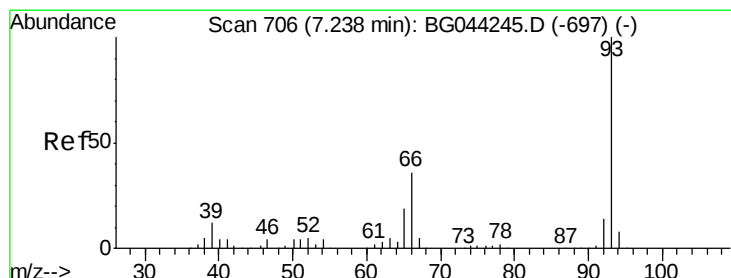
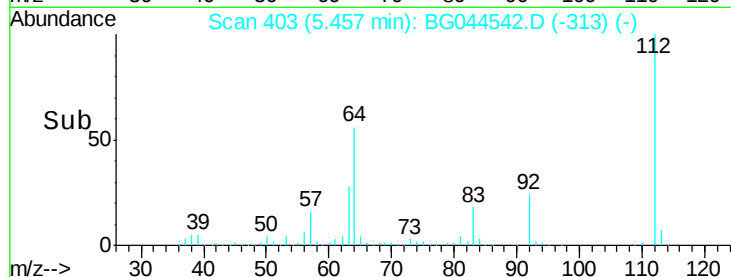
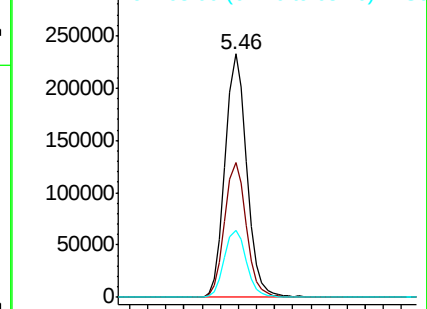
112 100

64 55.6 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: 43.603 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG044542.D

Acq: 21 Feb 2020 10:21

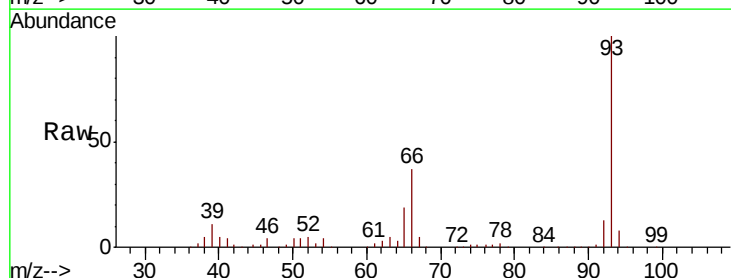
Tgt Ion: 93 Resp: 347017

Ion Ratio Lower Upper

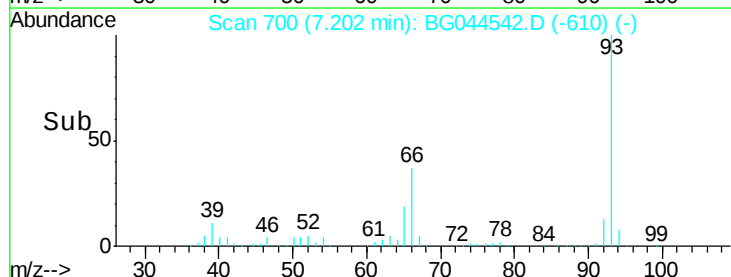
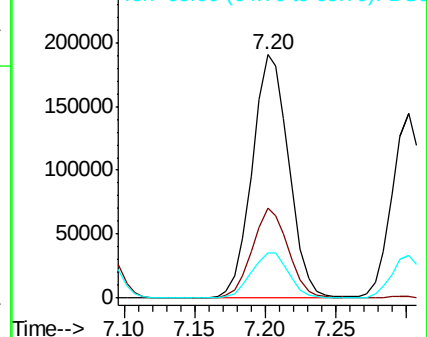
93 100

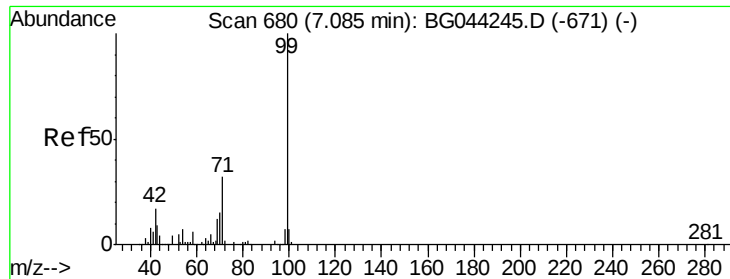
66 37.0 29.6 44.4

65 18.7 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: 87.565 ng

RT: 7.05 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG044542.D

Acq: 21 Feb 2020 10:21

Instrument :

BNA_G

ClientSampled :

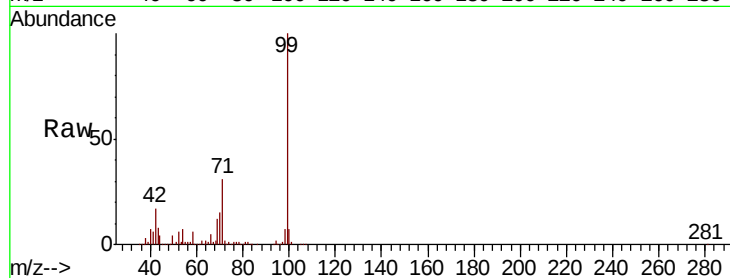
Tot Ion: 99 Resp: 561433

Ion Ratio Lower Upper

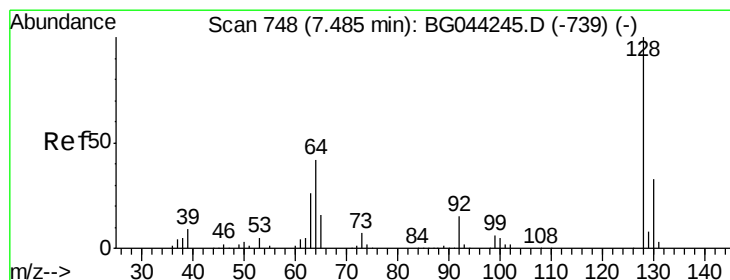
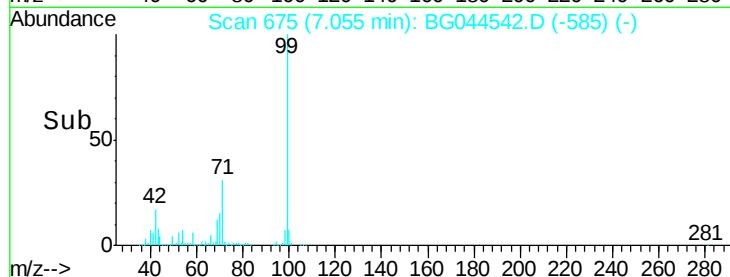
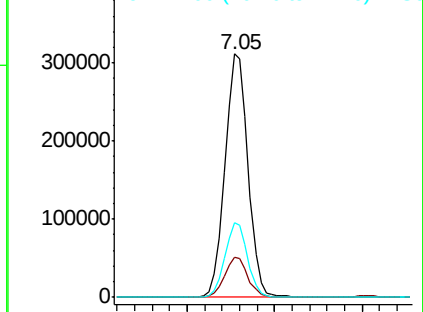
99 100

42 16.7 13.4 20.0

71 30.9 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: 42.750 ng

RT: 7.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BG044542.D

Acq: 21 Feb 2020 10:21

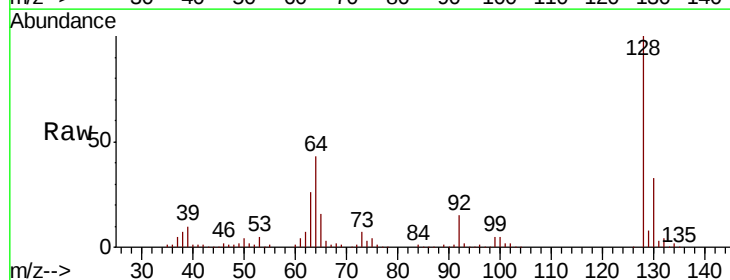
Tgt Ion: 128 Resp: 224332

Ion Ratio Lower Upper

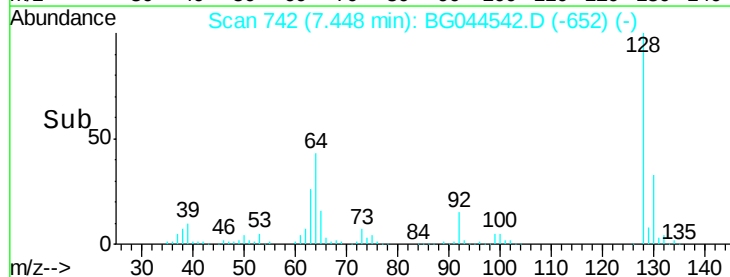
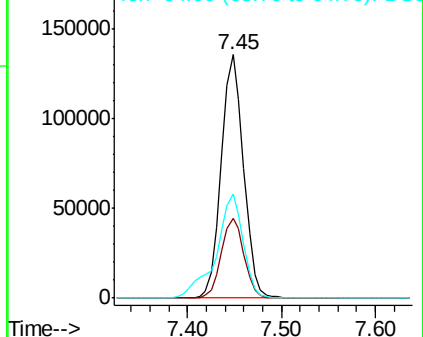
128 100

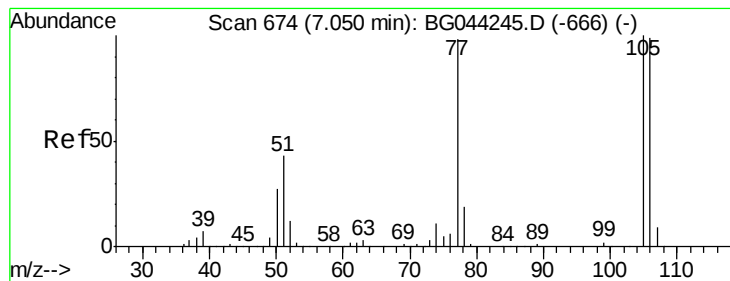
130 32.5 12.5 52.5

64 42.7 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: 39.208 ng

RT: 7.01 min Scan# 668

Delta R.T. 0.00 min

Lab File: BG044542.D

Acq: 21 Feb 2020 10:21

Instrument :

BNA_G

ClientSampleId :

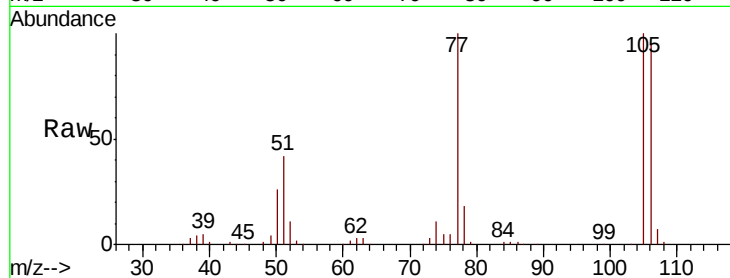
Tot Ion: 77 Resp: 143173

Ion Ratio Lower Upper

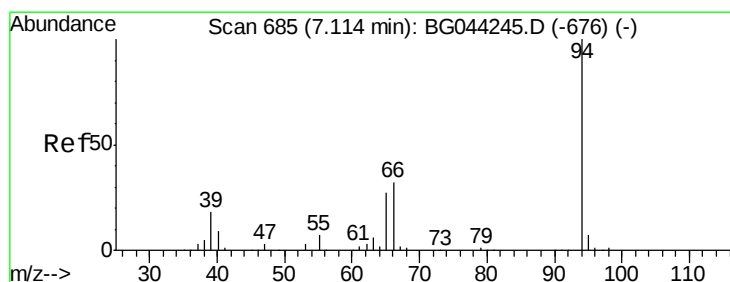
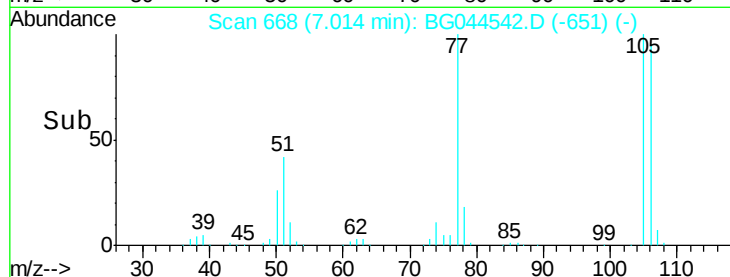
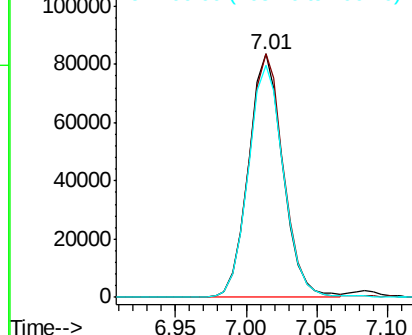
77 100

105 100.0 80.0 120.0

106 95.4 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: 43.327 ng

RT: 7.08 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG044542.D

Acq: 21 Feb 2020 10:21

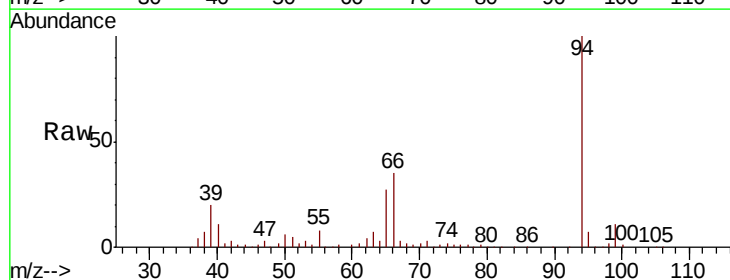
Tgt Ion: 94 Resp: 274928

Ion Ratio Lower Upper

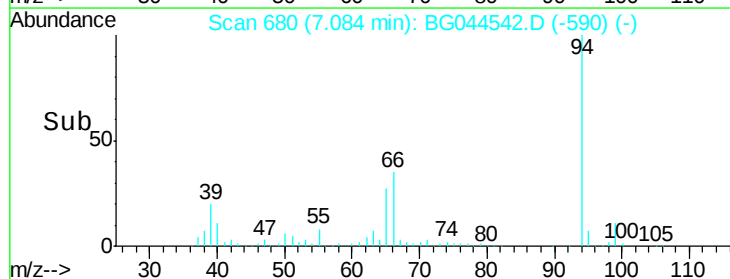
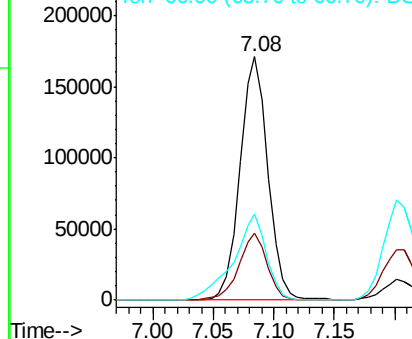
94 100

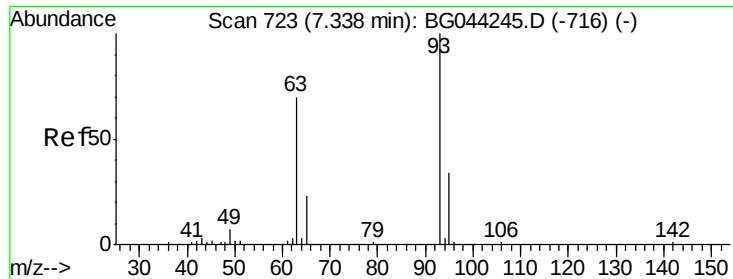
65 27.3 7.3 47.3

66 35.4 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

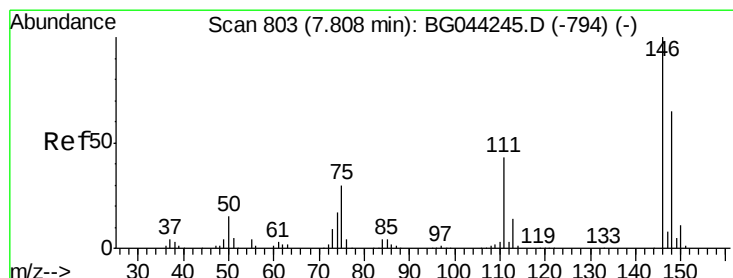
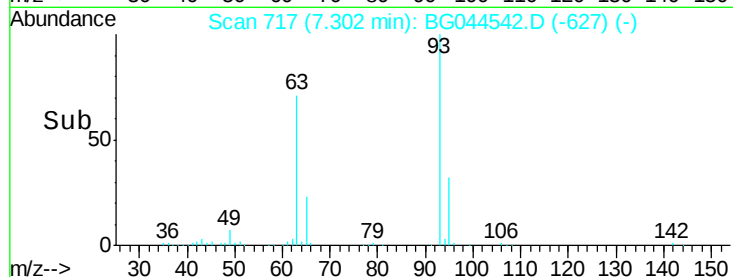
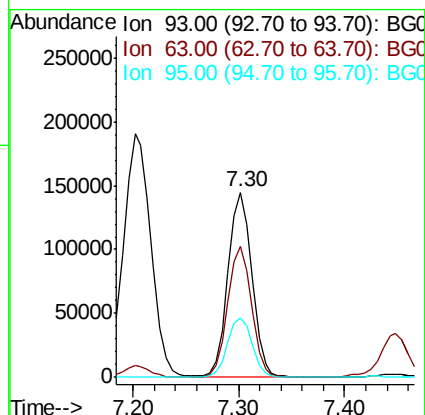
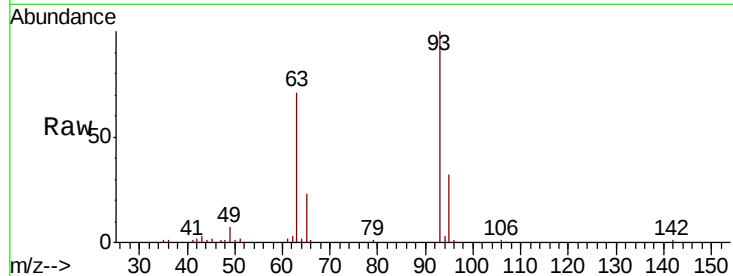




#11
bis(2-Chloroethyl)ether
Concen: 42.200 ng
RT: 7.30 min Scan# 717
Delta R.T. 0.00 min
Lab File: BG044542.D
Acq: 21 Feb 2020 10:21

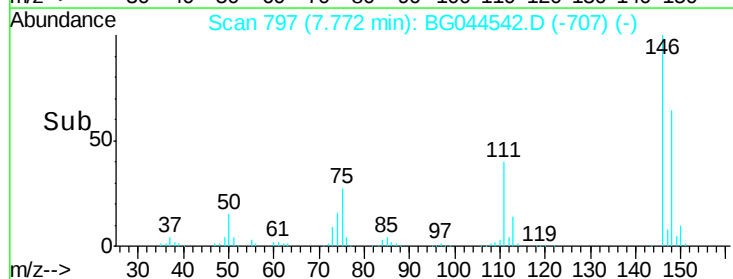
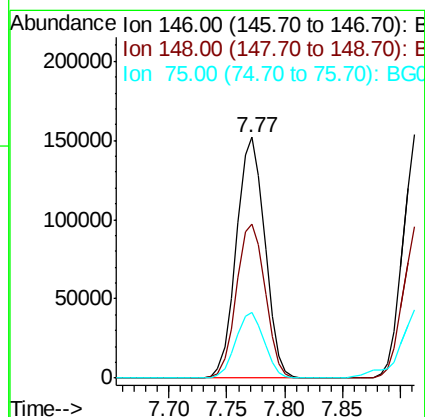
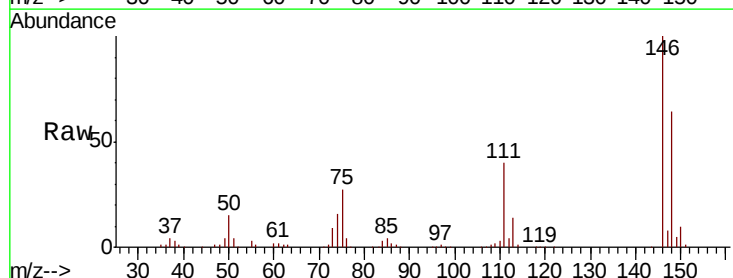
Instrument :
BNA_G
ClientSampleId :

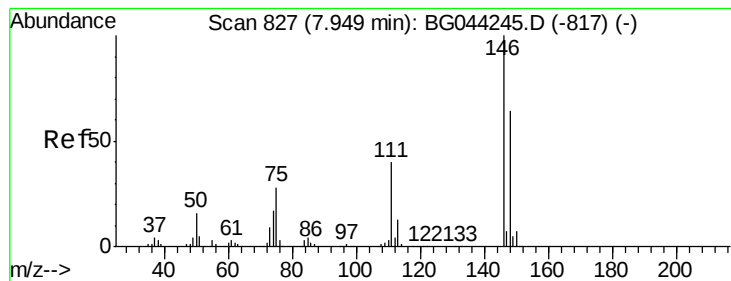
Tot Ion: 93 Resp: 228929
Ion Ratio Lower Upper
93 100
63 70.8 50.8 90.8
95 31.7 11.7 51.7



#12
1,3-Dichlorobenzene
Concen: 41.442 ng
RT: 7.77 min Scan# 797
Delta R.T. 0.00 min
Lab File: BG044542.D
Acq: 21 Feb 2020 10:21

Tgt Ion: 146 Resp: 259647
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.2
75 27.4 21.9 32.9





#13

1,4-Dichlorobenzene

Concen: 42.503 ng

RT: 7.91 min Scan# 821

Delta R.T. 0.00 min

Lab File: BG044542.D

Acq: 21 Feb 2020 10:21

Instrument :

BNA_G

ClientSampleId :

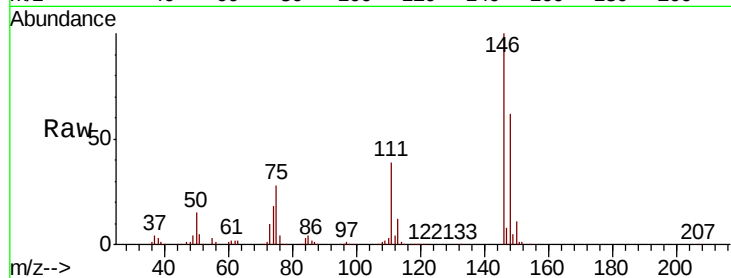
Tot Ion:146 Resp: 263745

Ion Ratio Lower Upper

146 100

148 62.4 49.9 74.9

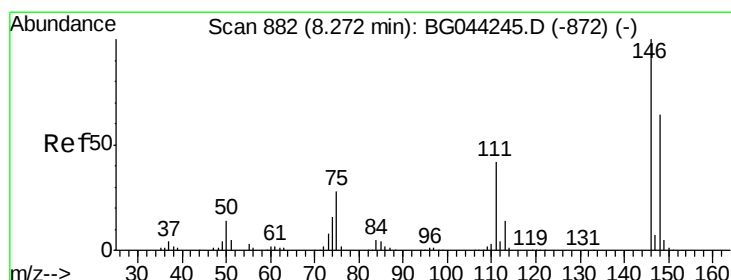
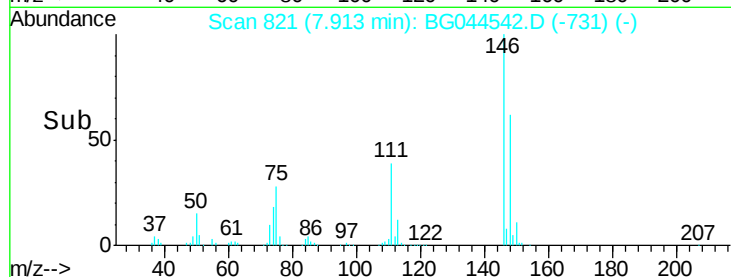
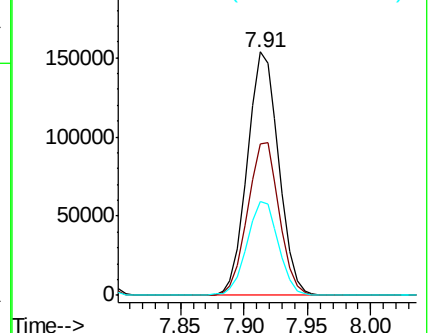
111 38.8 31.0 46.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.488 ng

RT: 8.24 min Scan# 876

Delta R.T. 0.00 min

Lab File: BG044542.D

Acq: 21 Feb 2020 10:21

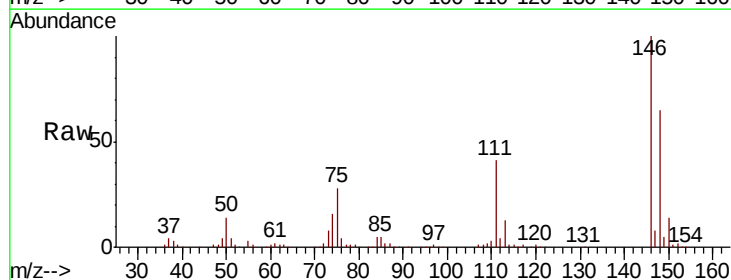
Tgt Ion:146 Resp: 249204

Ion Ratio Lower Upper

146 100

148 64.9 51.9 77.9

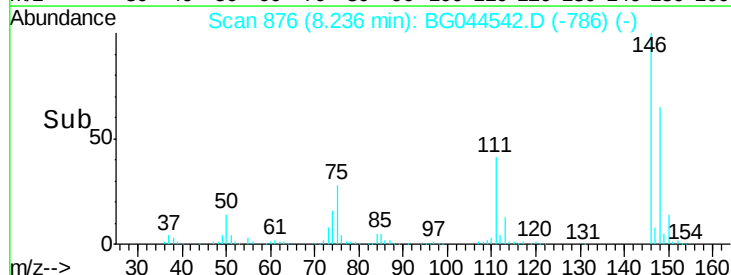
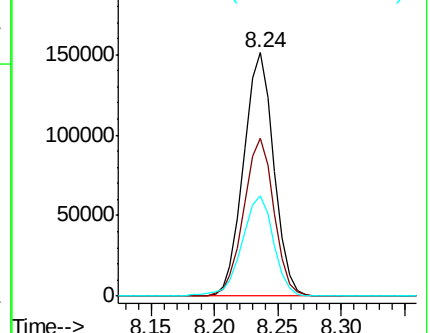
111 41.4 33.1 49.7

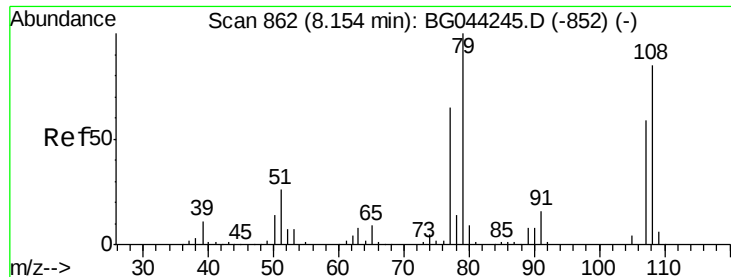


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.656 ng

RT: 8.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BG044542.D

Acq: 21 Feb 2020 10:21

Instrument :
BNA_G
ClientSampleId :

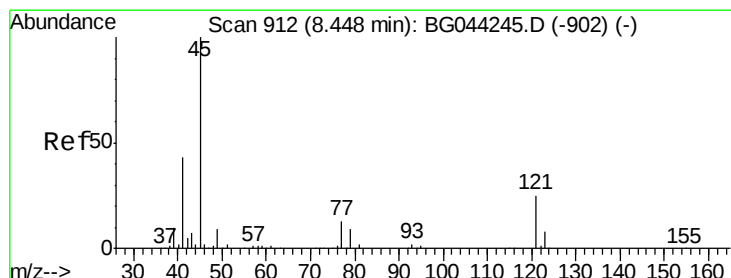
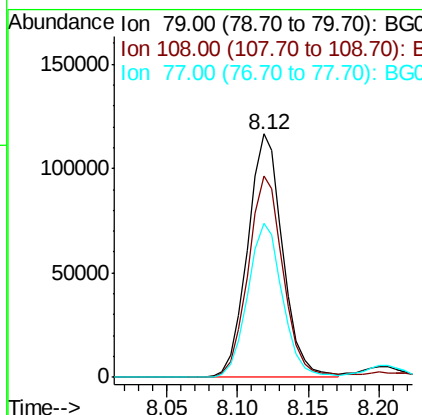
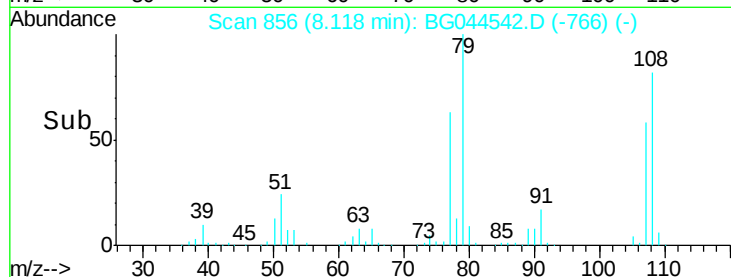
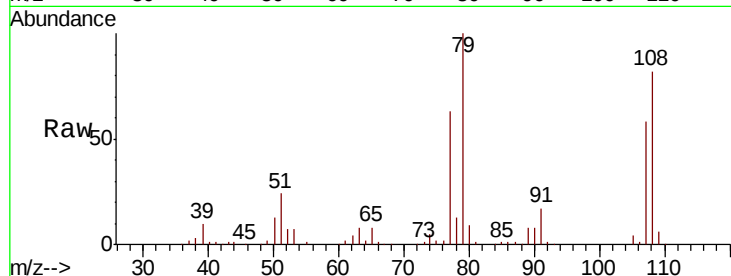
Tot Ion: 79 Resp: 202708

Ion Ratio Lower Upper

79 100

108 82.5 66.0 99.0

77 63.4 50.7 76.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.033 ng

RT: 8.41 min Scan# 906

Delta R.T. 0.00 min

Lab File: BG044542.D

Acq: 21 Feb 2020 10:21

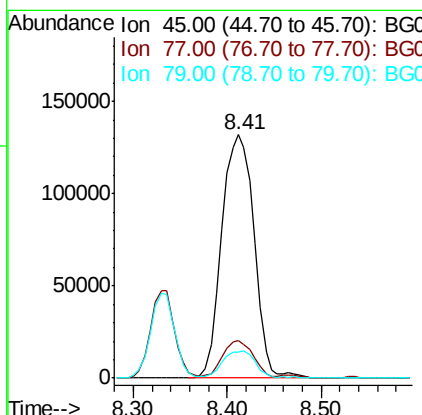
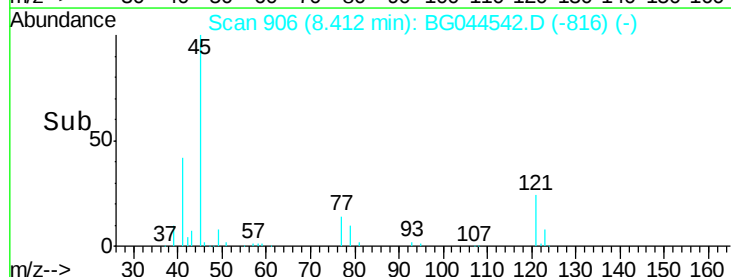
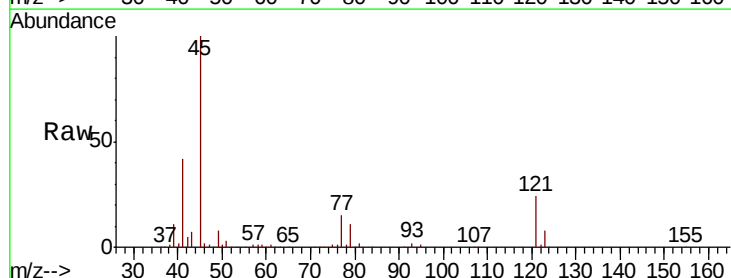
Tgt Ion: 45 Resp: 315967

Ion Ratio Lower Upper

45 100

77 15.2 0.0 35.2

79 10.9 0.0 30.9

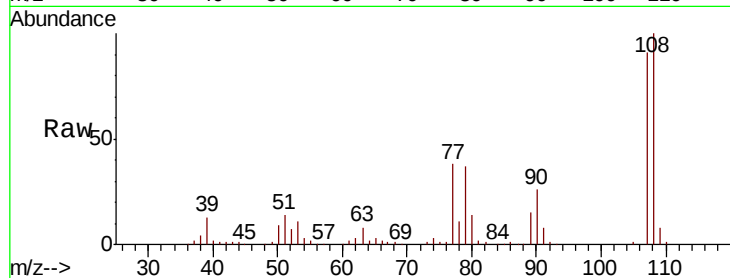




#17
2-Methylphenol
Concen: 43.281 ng
RT: 8.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BG044542.D
Acq: 21 Feb 2020 10:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.1	88.1	132.1
77	42.2	33.8	50.6
79	40.9	32.7	49.1



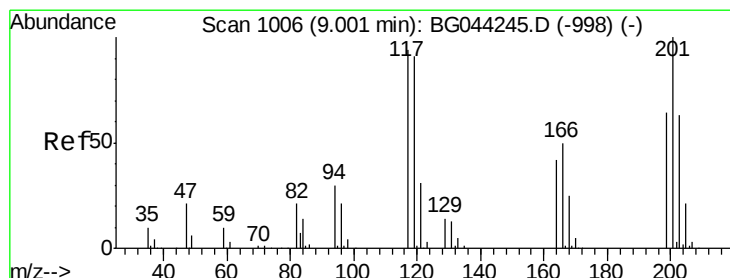
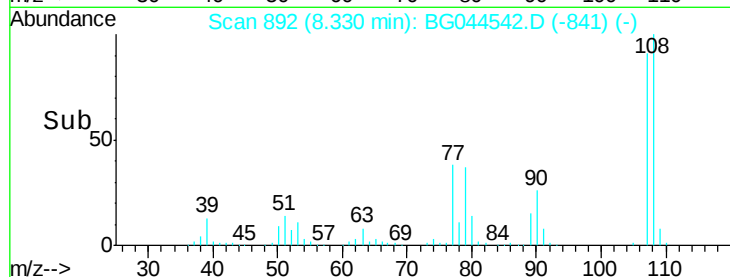
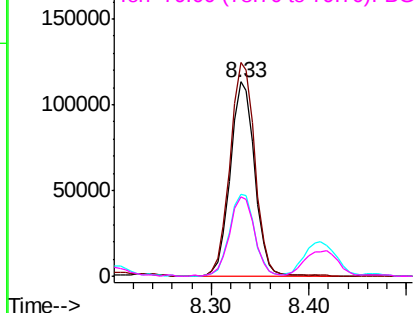
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

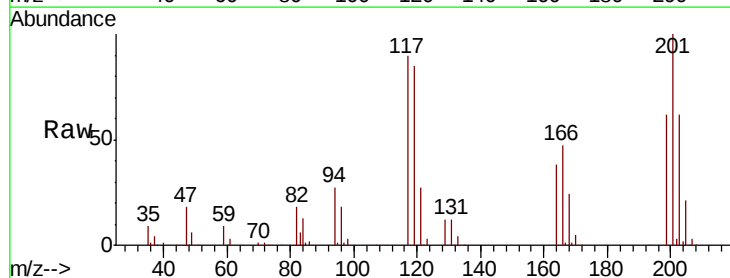
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 41.636 ng
RT: 8.96 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BG044542.D
Acq: 21 Feb 2020 10:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	75.5	113.3
201	110.8	88.6	133.0

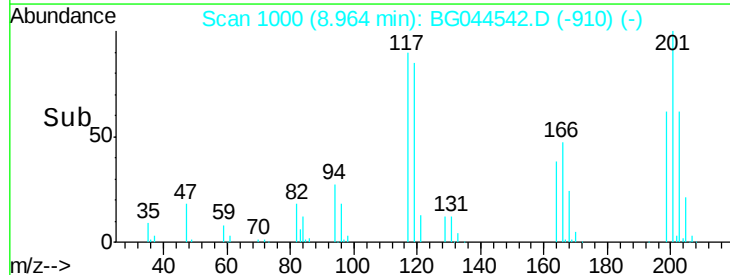
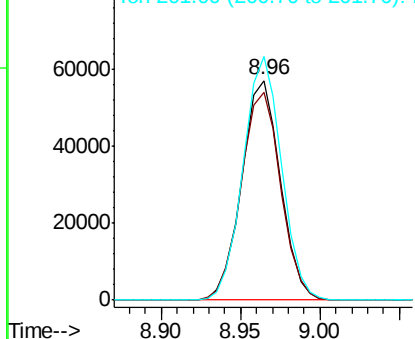


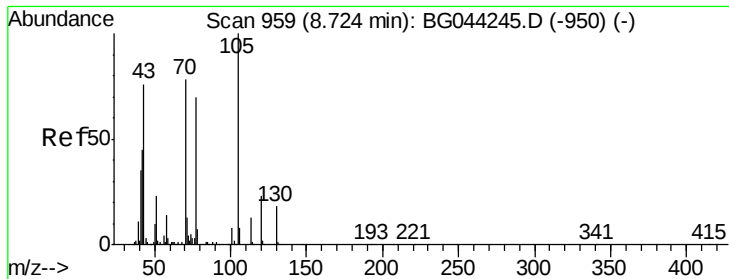
Abundance

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

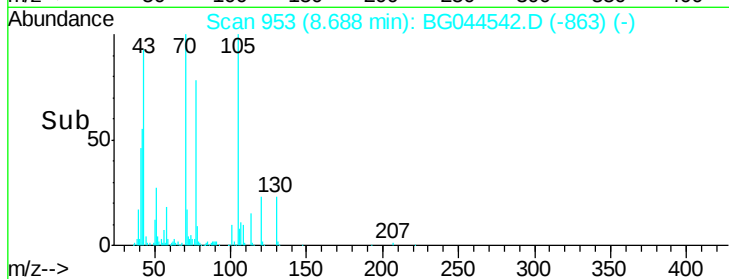
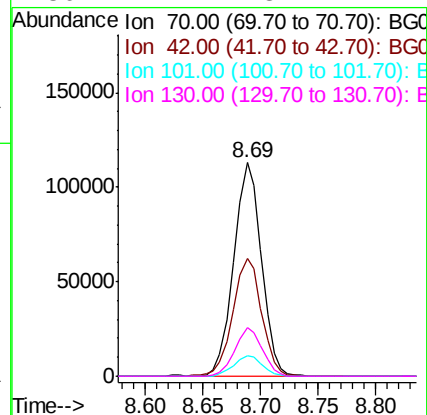
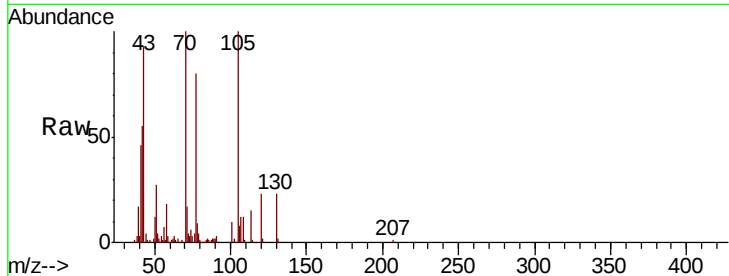




#19
n-Nitroso-di-n-propylamine
Concen: 43.874 ng
RT: 8.69 min Scan# 953
Delta R.T. 0.00 min
Lab File: BG044542.D
Acq: 21 Feb 2020 10:21

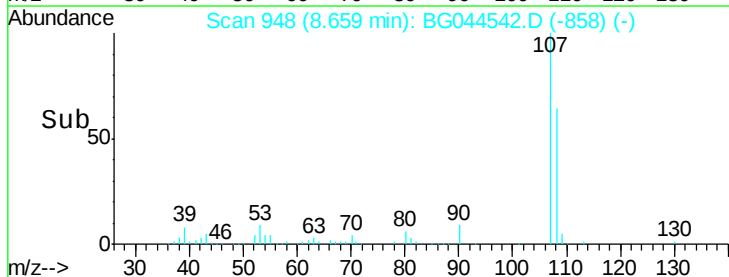
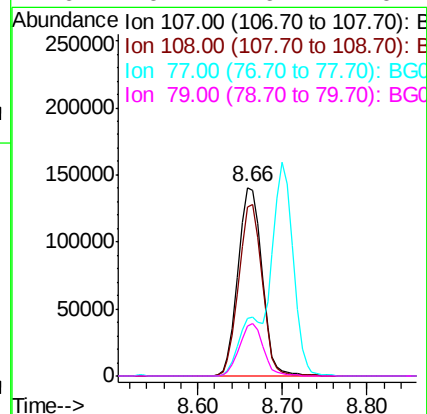
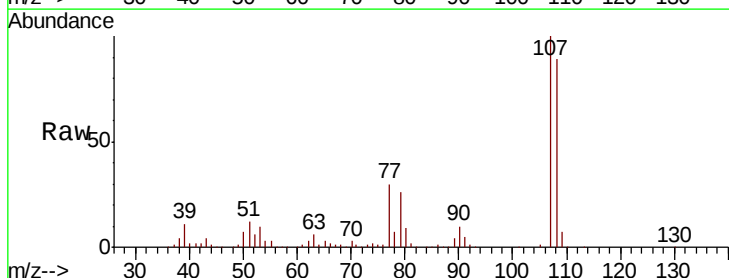
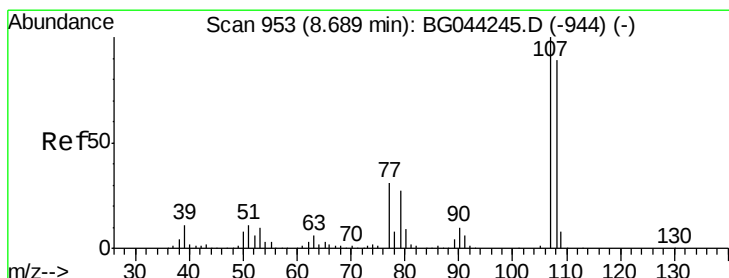
Instrument :
BNA_G
ClientSampleId :

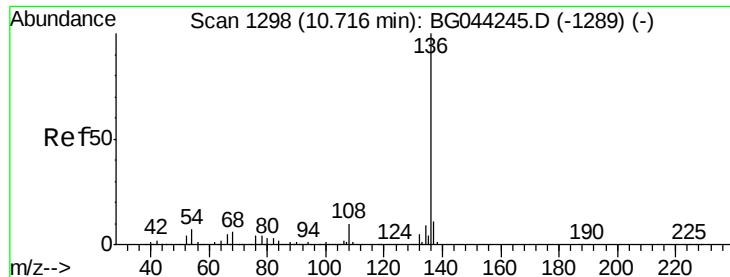
Tot Ion:	70	Resp:	187476
Ion	Ratio	Lower	Upper
70	100		
42	55.0	44.0	66.0
101	9.5	7.6	11.4
130	22.7	18.2	27.2



#20
3+4-Methylphenols
Concen: 44.142 ng
RT: 8.66 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG044542.D
Acq: 21 Feb 2020 10:21

Tgt Ion:	107	Resp:	275418
Ion	Ratio	Lower	Upper
107	100		
108	89.2	69.2	109.2
77	30.5	10.5	50.5
79	26.4	6.4	46.4

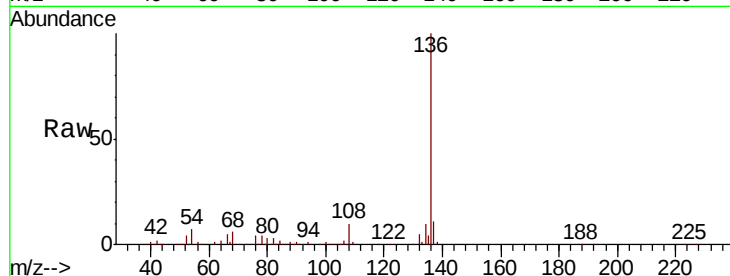




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.68 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BG044542.D
Acq: 21 Feb 2020 10:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	362632
Ion Ratio	Lower	Upper
136 100		
137 11.3	9.0	13.6
54 6.9	5.5	8.3
68 5.7	4.6	6.8



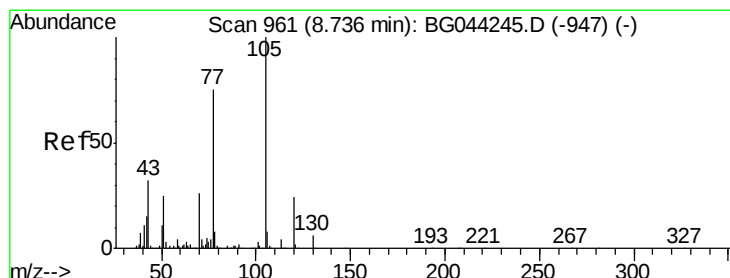
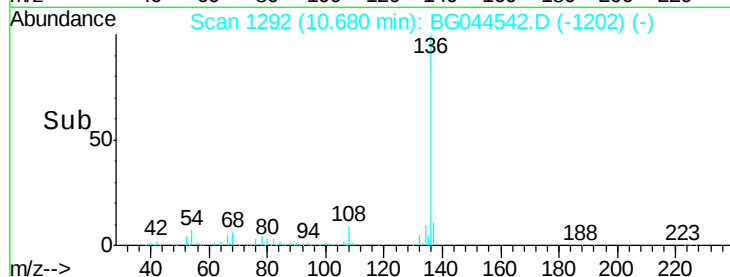
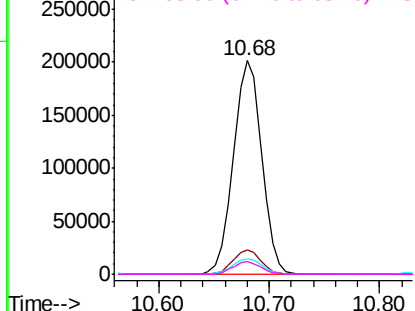
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

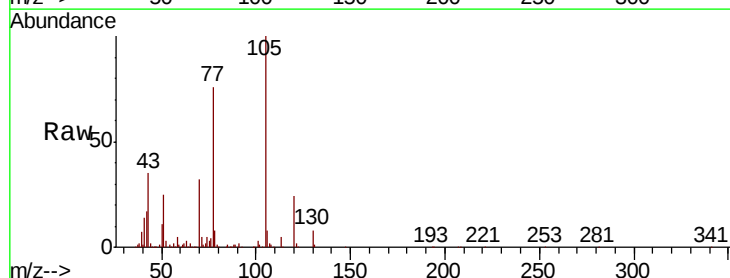
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 41.092 ng
RT: 8.70 min Scan# 955
Delta R.T. 0.00 min
Lab File: BG044542.D
Acq: 21 Feb 2020 10:21

Tgt	Ion:105	Resp:	362500
Ion	Ratio	Lower	Upper
105	100		
71	5.3	4.2	6.4
51	25.1	20.1	30.1
120	23.6	18.9	28.3



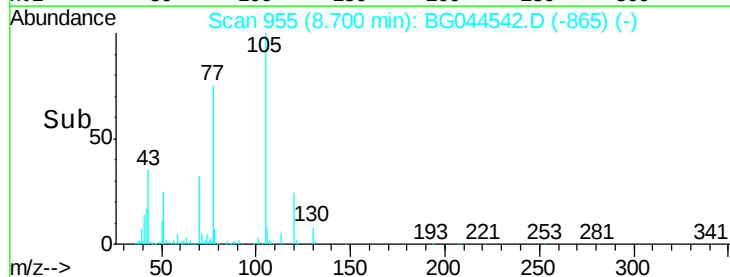
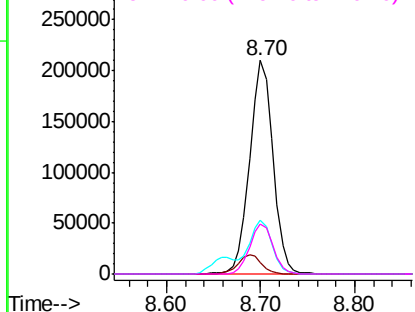
Abundance

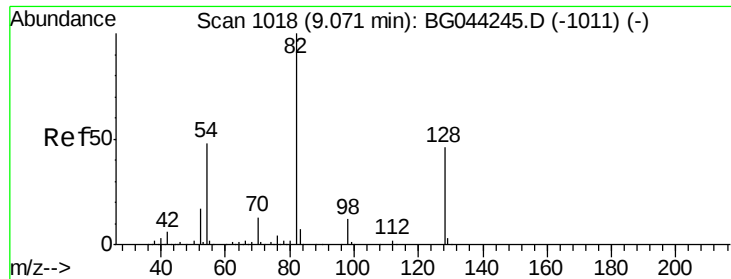
Ion 105.00 (104.70 to 105.70): E

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

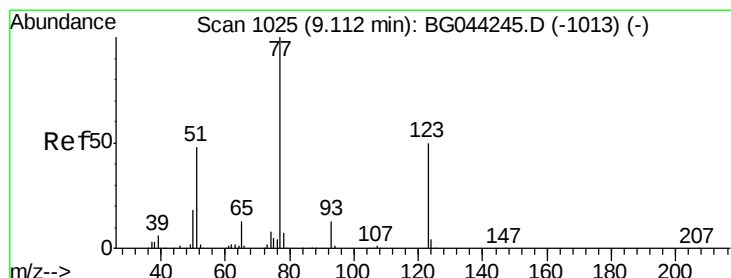
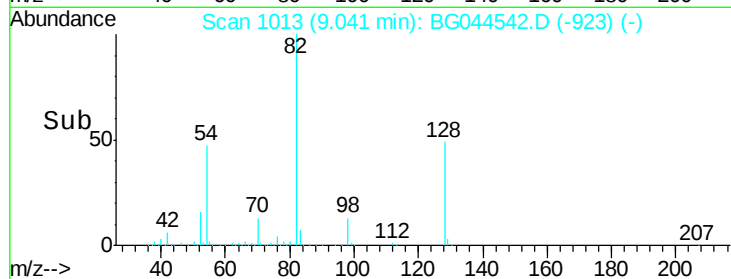
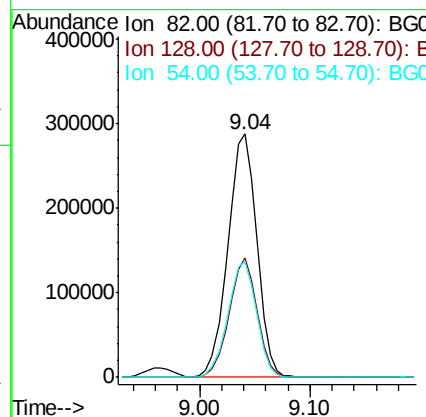
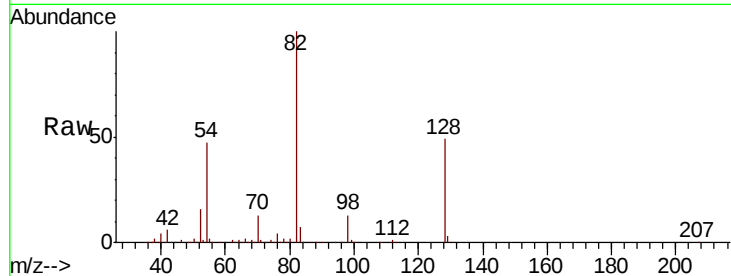




#23
 Nitrobenzene-d5
 Concen: 82.298 ng
 RT: 9.04 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BG044542.D
 Acq: 21 Feb 2020 10:21

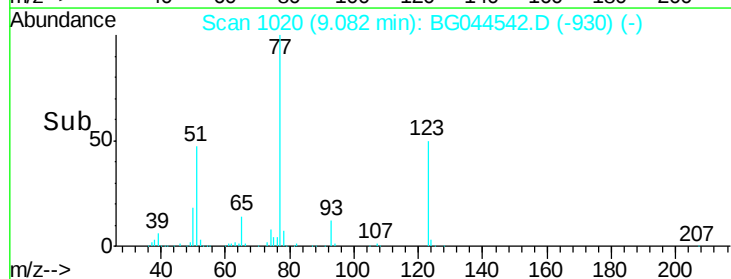
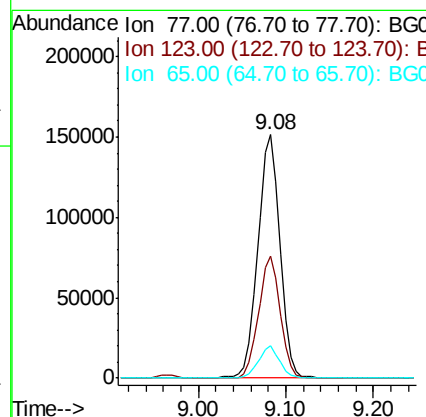
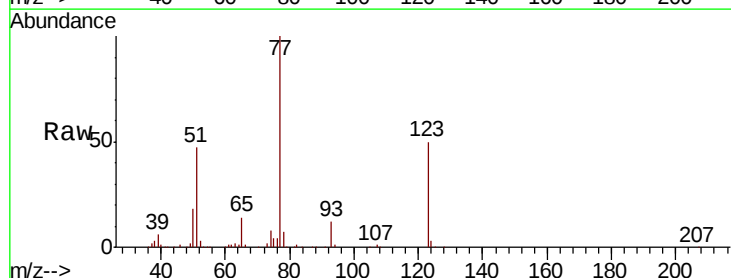
Instrument :
 BNA_G
 ClientSampleId :

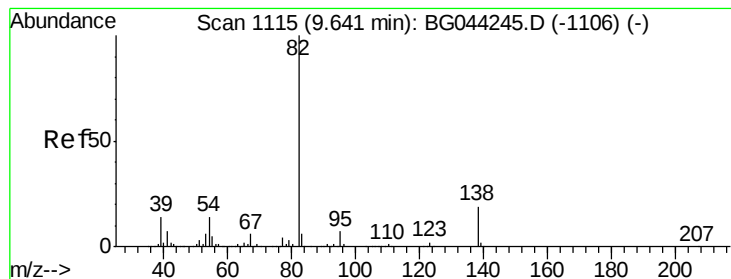
Tot Ion	82	Resp	528617
Ion Ratio	100	Lower	Upper
128	48.9	39.1	58.7
54	47.4	37.9	56.9



#24
 Nitrobenzene
 Concen: 41.354 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BG044542.D
 Acq: 21 Feb 2020 10:21

Tgt Ion	77	Resp	259320
Ion Ratio	100	Lower	Upper
123	50.2	40.2	60.2
65	13.5	10.8	16.2





#25

Isophorone

Concen: 42.730 ng

RT: 9.60 min Scan# 1109

Delta R.T. 0.00 min

Lab File: BG044542.D

Acq: 21 Feb 2020 10:21

Instrument :

BNA_G

ClientSampleId :

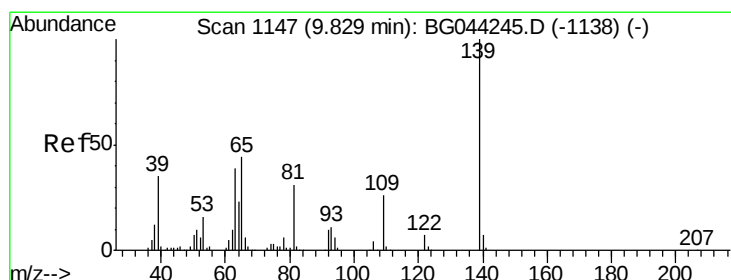
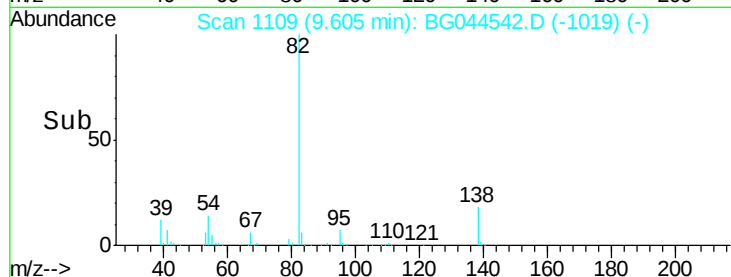
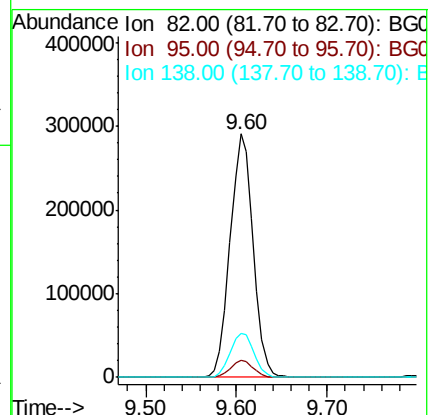
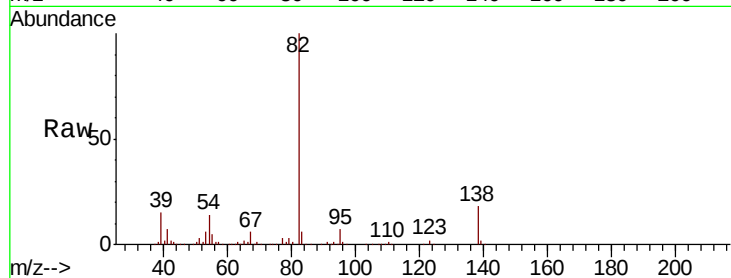
Tot Ion: 82 Resp: 511567

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

138 18.3 14.6 22.0



#26

2-Nitrophenol

Concen: 44.253 ng

RT: 9.79 min Scan# 1141

Delta R.T. 0.00 min

Lab File: BG044542.D

Acq: 21 Feb 2020 10:21

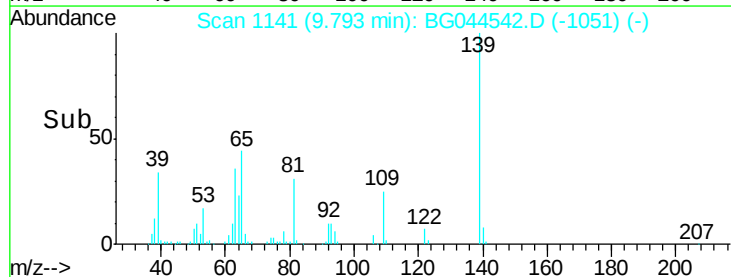
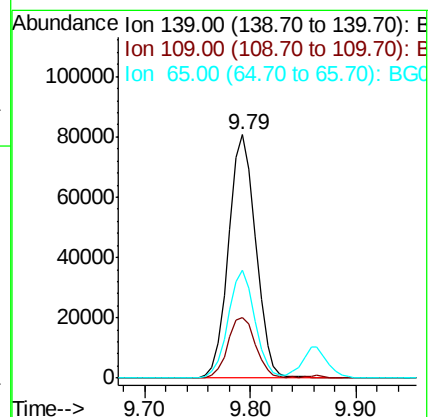
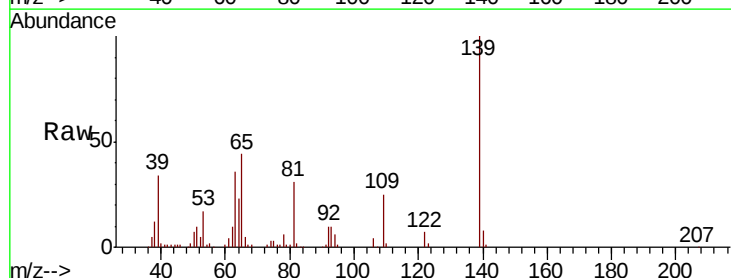
Tgt Ion: 139 Resp: 143988

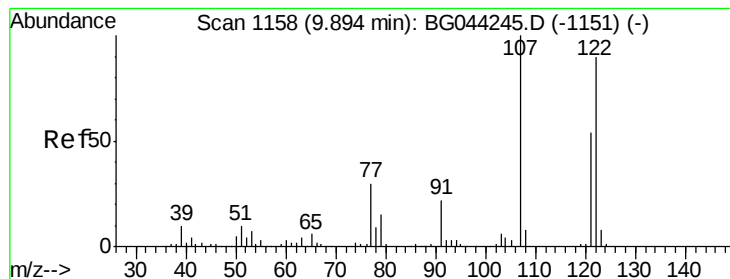
Ion Ratio Lower Upper

139 100

109 25.1 20.1 30.1

65 44.3 35.4 53.2

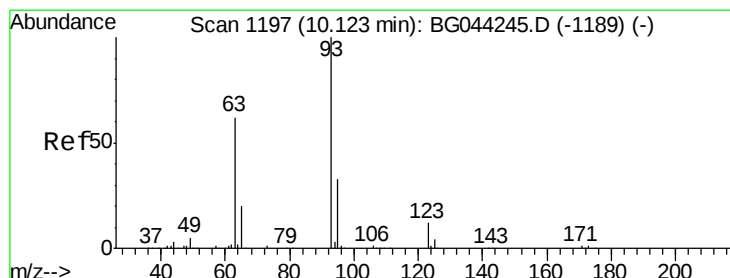
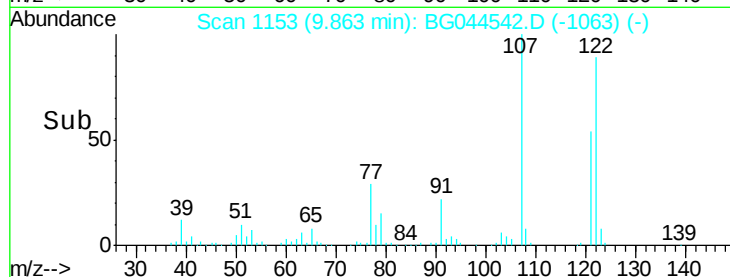
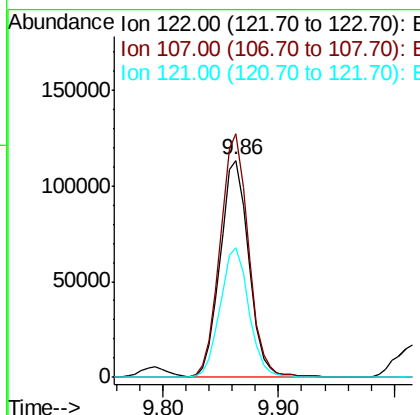
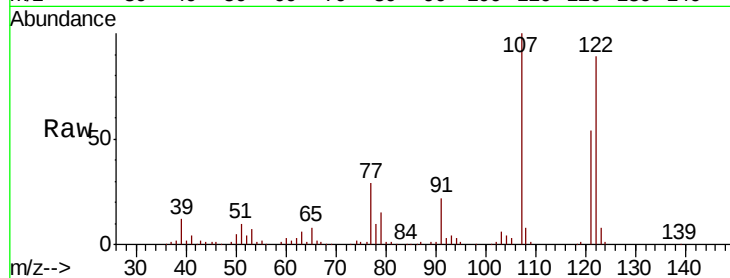




#27
 2,4-Dimethylphenol
 Concen: 42.376 ng
 RT: 9.86 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BG044542.D
 Acq: 21 Feb 2020 10:21

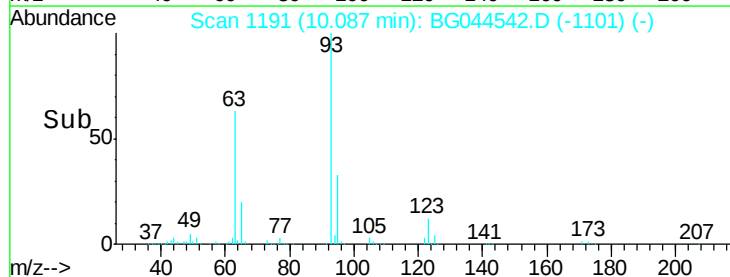
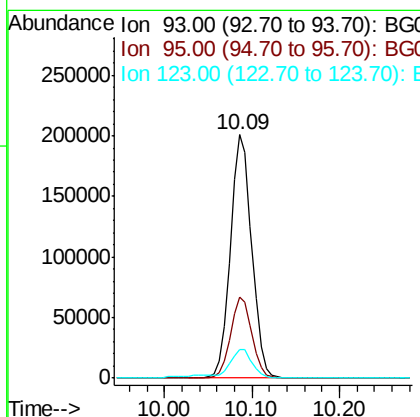
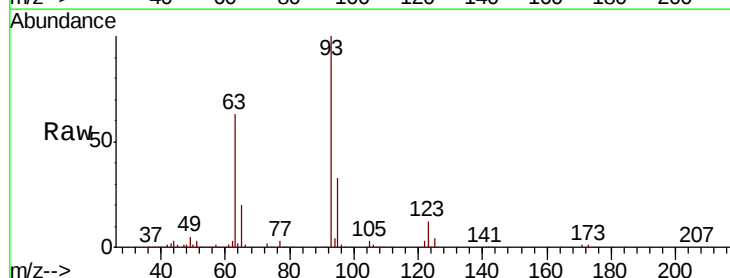
Instrument :
 BNA_G
 ClientSampleId :

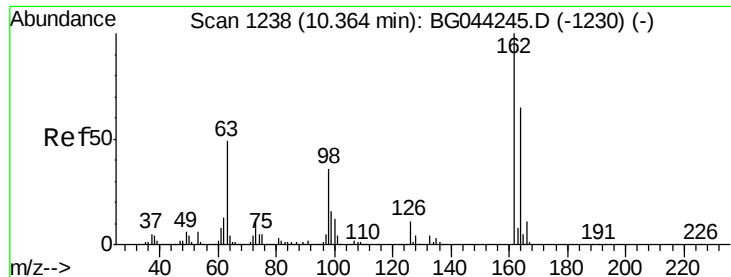
Tot Ion:122 Resp: 194633
 Ion Ratio Lower Upper
 122 100
 107 112.3 89.8 134.8
 121 60.1 48.1 72.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.501 ng
 RT: 10.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BG044542.D
 Acq: 21 Feb 2020 10:21

Tgt Ion: 93 Resp: 331448
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.5 39.7
 123 11.7 9.4 14.0

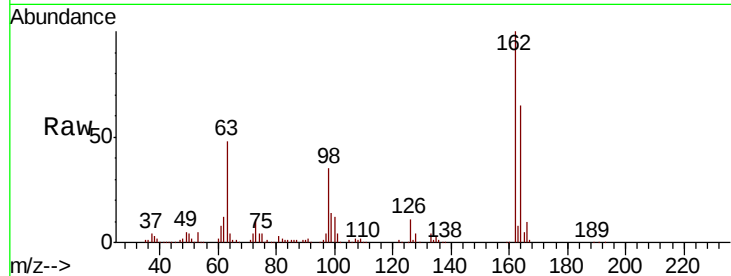




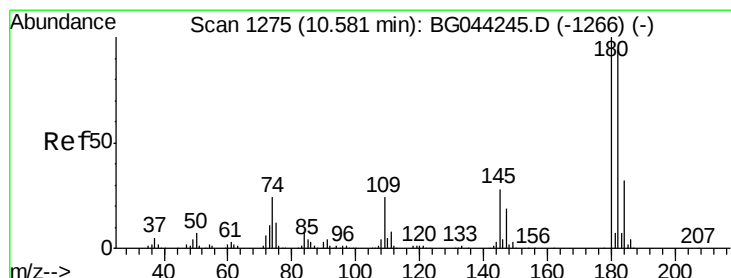
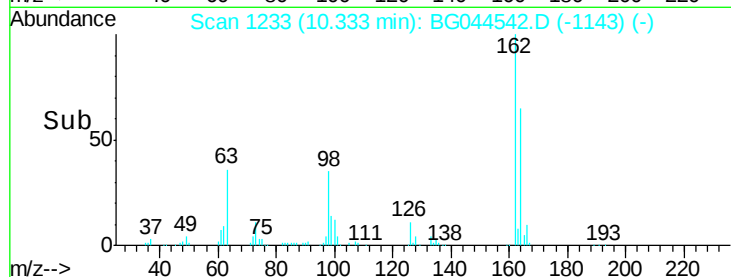
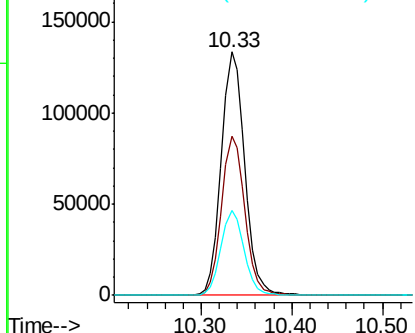
#29
2,4-Dichlorophenol
Concen: 43.123 ng
RT: 10.33 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BG044542.D
Acq: 21 Feb 2020 10:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	45.5	85.5
98	35.1	15.1	55.1

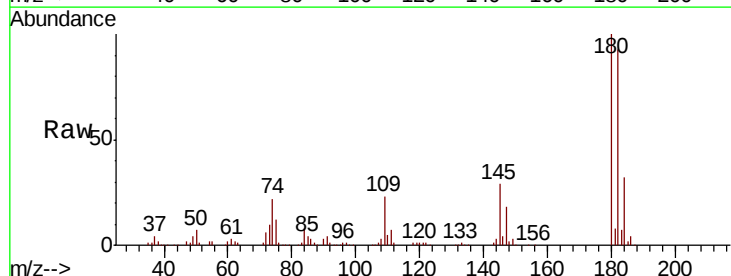


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

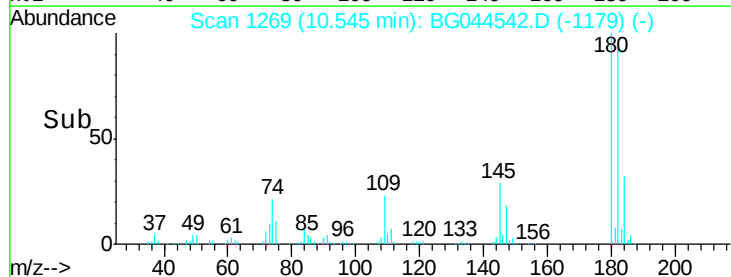
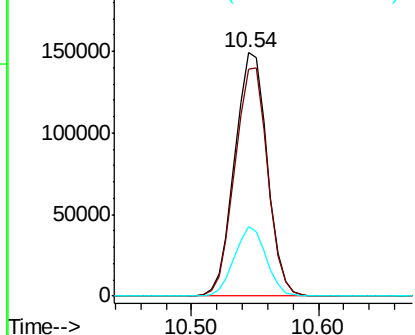


#30
1,2,4-Trichlorobenzene
Concen: 41.651 ng
RT: 10.54 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BG044542.D
Acq: 21 Feb 2020 10:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	74.4	111.6
145	28.8	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

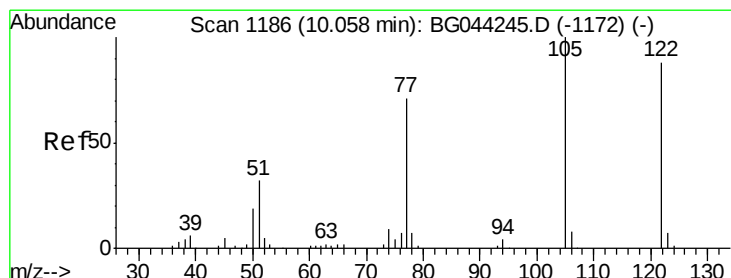
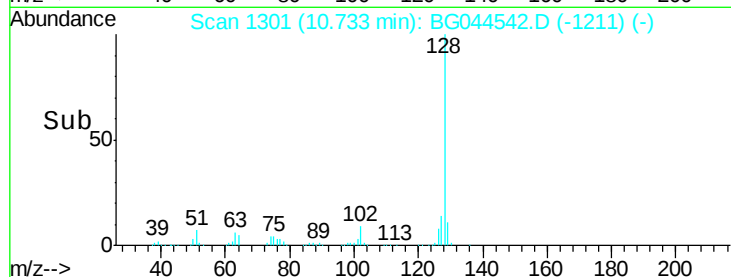
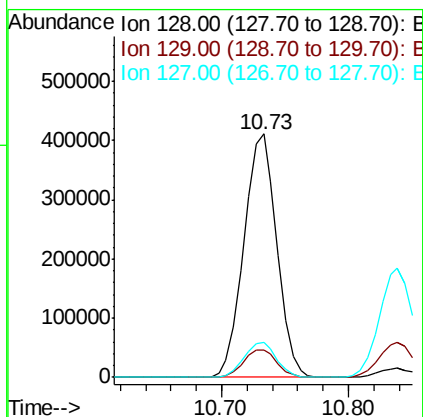
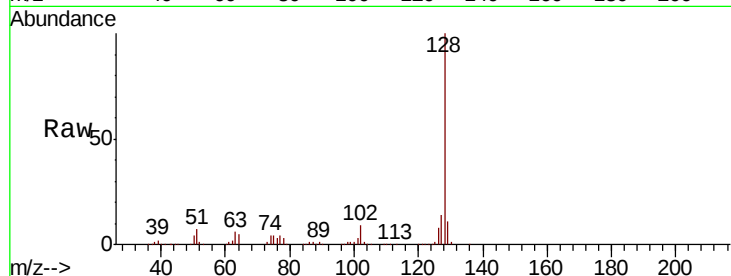




#31
Naphthalene
Concen: 42.067 ng
RT: 10.73 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG044542.D
Acq: 21 Feb 2020 10:21

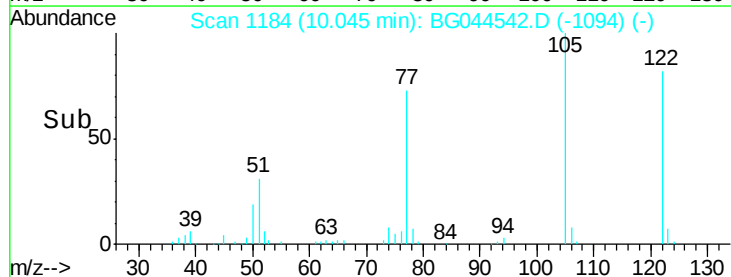
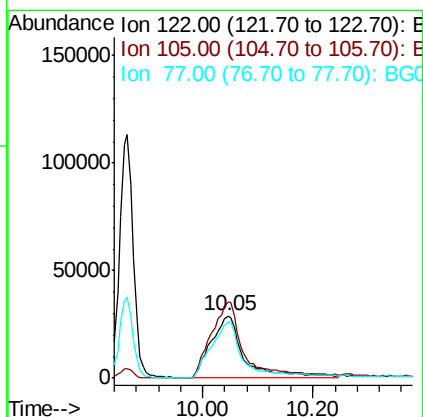
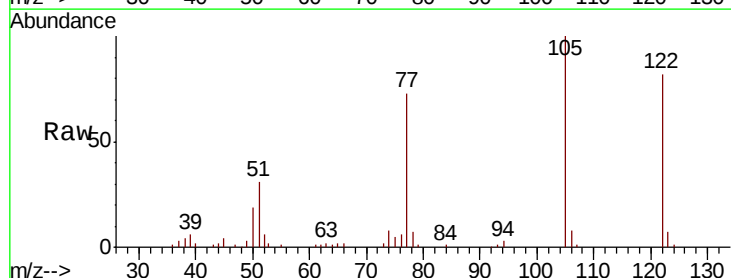
Instrument :
BNA_G
ClientSampleId :

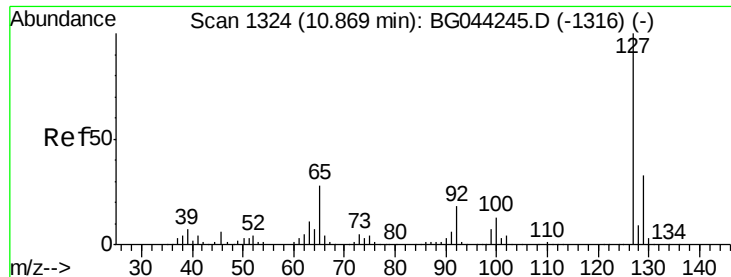
Tot Ion:128 Resp: 740127
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 14.2 11.4 17.0



#32
Benzoic acid
Concen: 41.798 ng
RT: 10.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BG044542.D
Acq: 21 Feb 2020 10:21

Tgt Ion:122 Resp: 118594
Ion Ratio Lower Upper
122 100
105 121.4 101.4 141.4
77 88.6 68.6 108.6

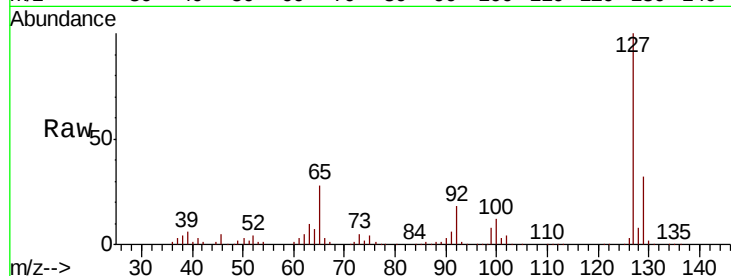




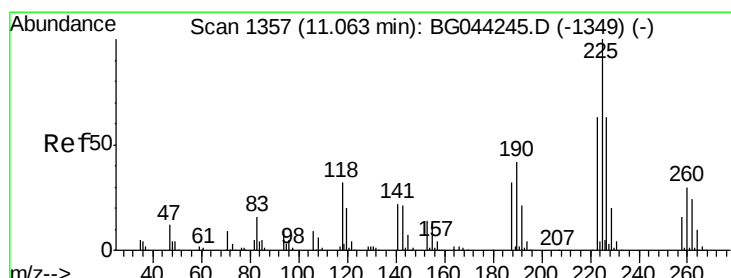
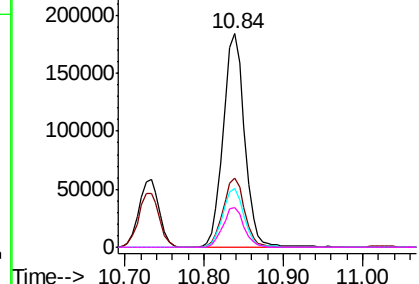
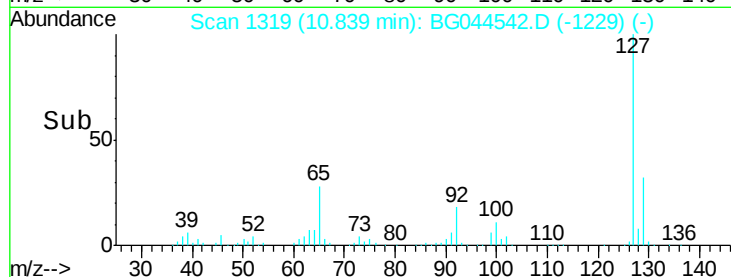
#33
4-Chloroaniline
Concen: 43.031 ng
RT: 10.84 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BG044542.D
Acq: 21 Feb 2020 10:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	344324
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.8
65	27.6	22.1	33.1
92	18.3	14.6	22.0

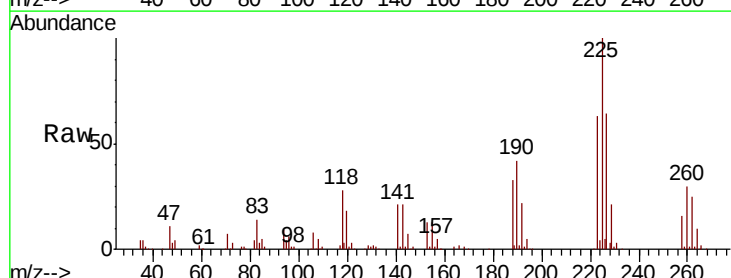


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

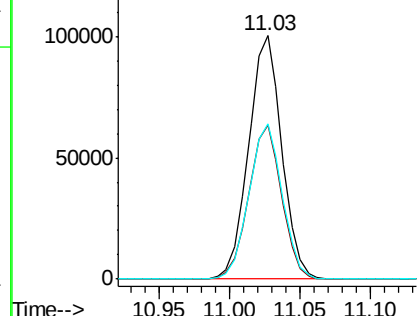
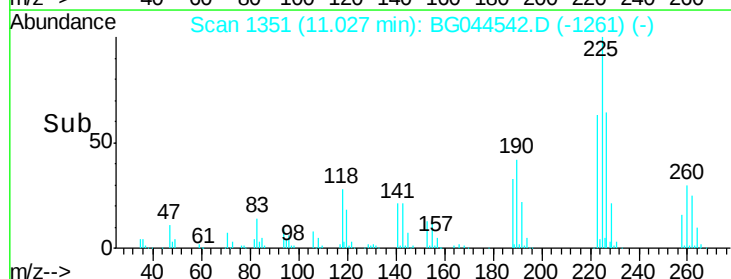


#34
Hexachlorobutadiene
Concen: 42.054 ng
RT: 11.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BG044542.D
Acq: 21 Feb 2020 10:21

Tgt Ion:	225	Resp:	164789
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.4	75.6
227	63.8	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: 47.487 ng

RT: 11.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BG044542.D

Acq: 21 Feb 2020 10:21

Instrument :

BNA_G

ClientSampleId :

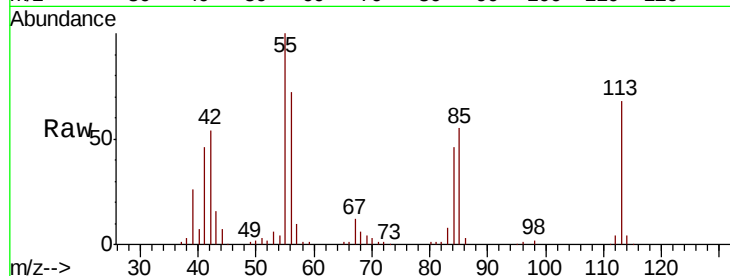
Tot Ion:113 Resp: 96609

Ion Ratio Lower Upper

113 100

55 146.4 126.4 166.4

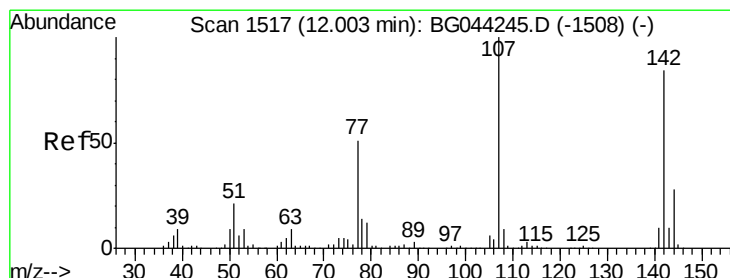
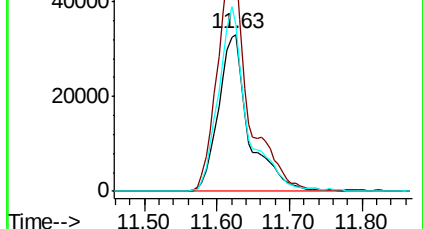
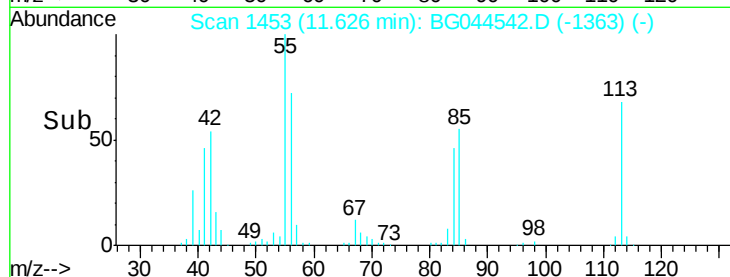
56 105.8 85.8 125.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 44.180 ng

RT: 11.98 min Scan# 1513

Delta R.T. 0.00 min

Lab File: BG044542.D

Acq: 21 Feb 2020 10:21

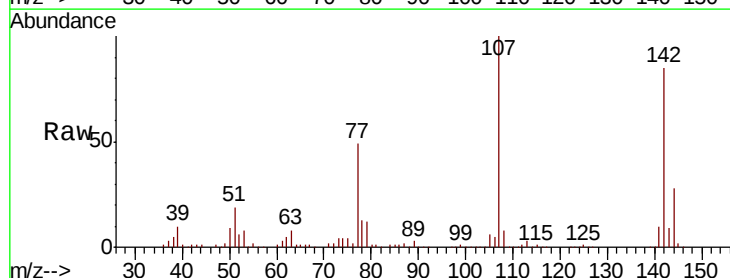
Tgt Ion:107 Resp: 257255

Ion Ratio Lower Upper

107 100

144 28.4 22.7 34.1

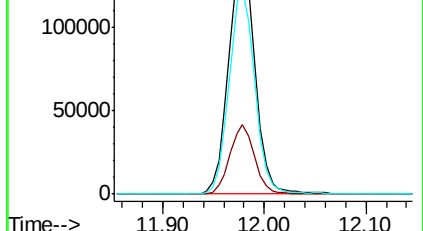
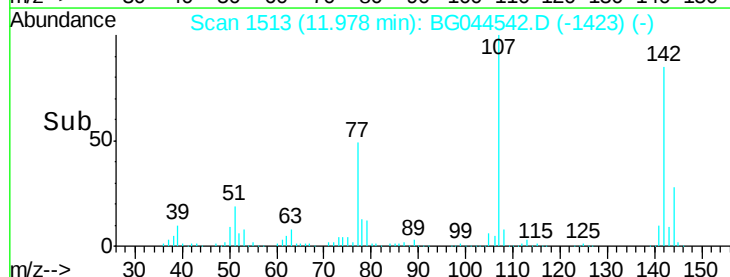
142 84.6 67.7 101.5

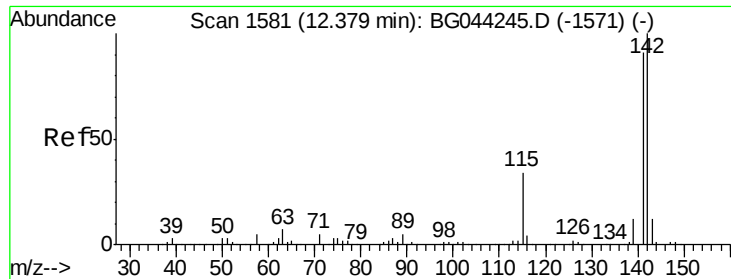


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

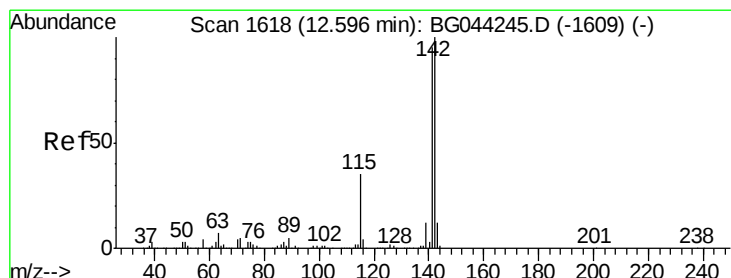
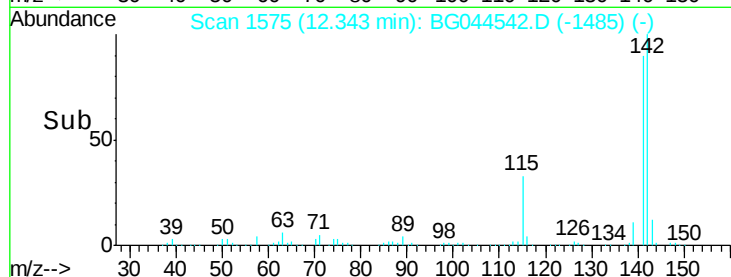
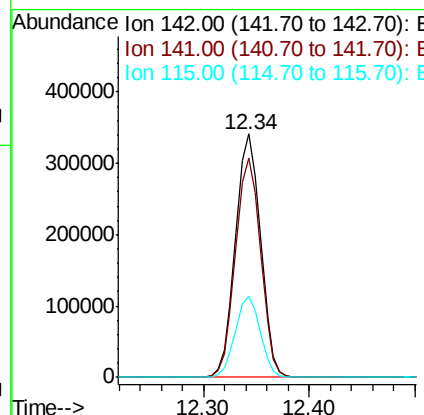
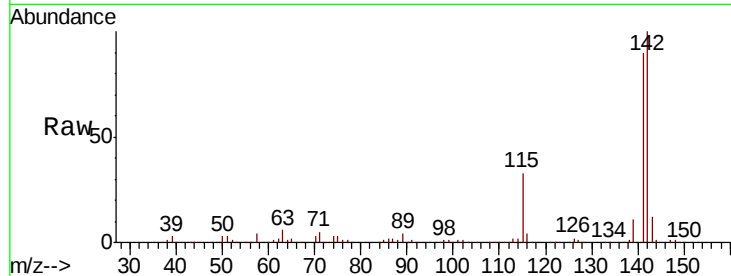




#37
2-Methylnaphthalene
Concen: 42.904 ng
RT: 12.34 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BG044542.D
Acq: 21 Feb 2020 10:21

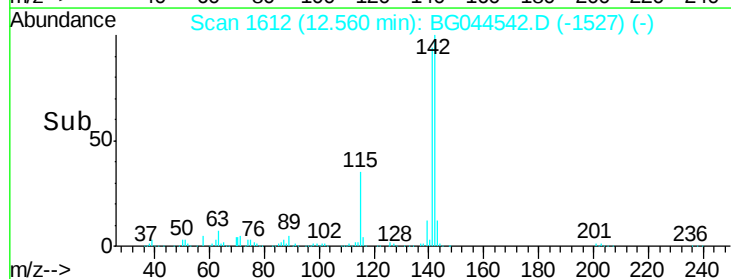
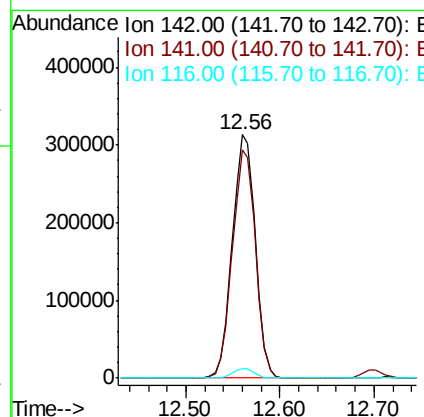
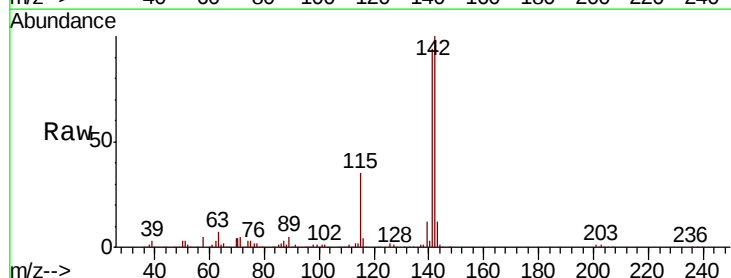
Instrument :
BNA_G
ClientSampleId :

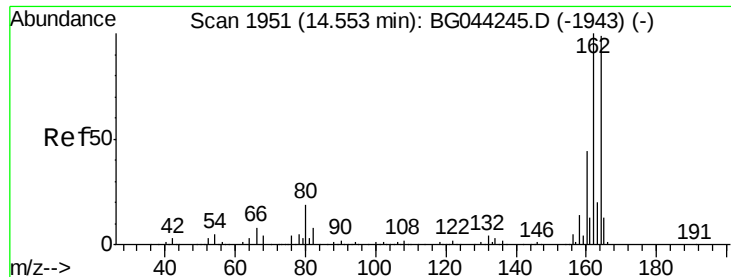
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.9	107.9
115	33.4	26.7	40.1



#38
1-Methylnaphthalene
Concen: 43.119 ng
RT: 12.56 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BG044542.D
Acq: 21 Feb 2020 10:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	75.1	112.7
116	4.0	3.2	4.8

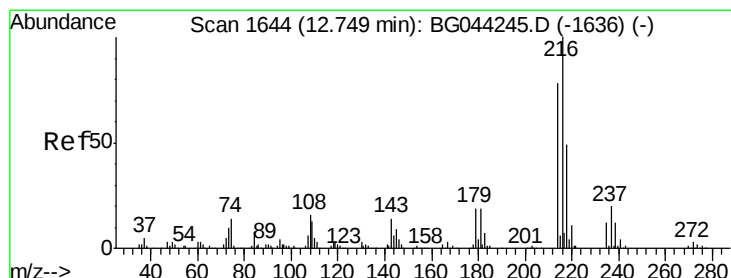
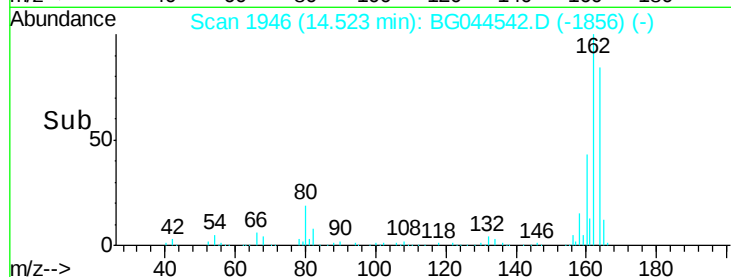
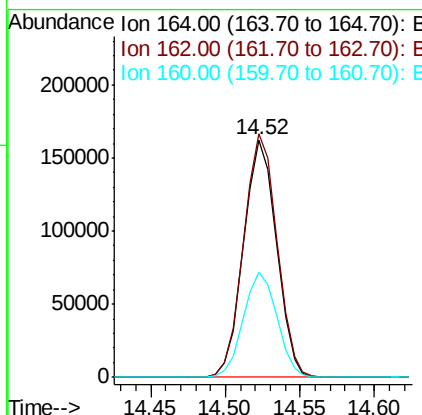
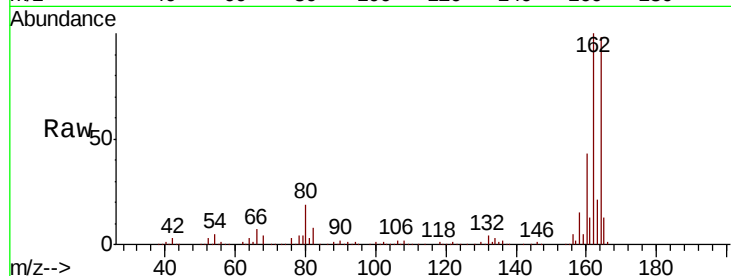




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG044542.D
Acq: 21 Feb 2020 10:21

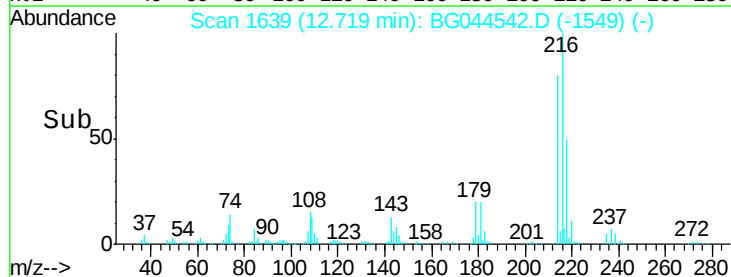
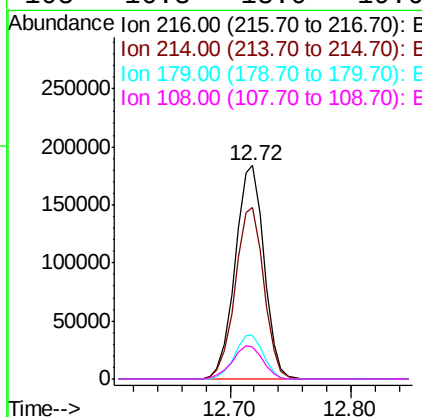
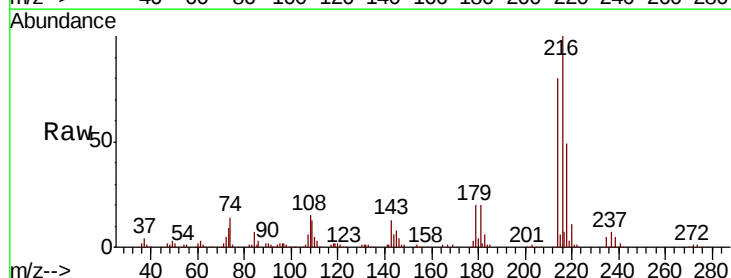
Instrument :
BNA_G
ClientSampleId :

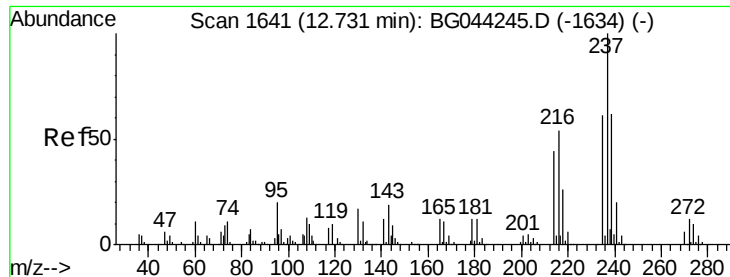
Tot Ion:164 Resp: 248093
Ion Ratio Lower Upper
164 100
162 102.4 81.9 122.9
160 44.4 35.5 53.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.218 ng
RT: 12.72 min Scan# 1639
Delta R.T. 0.00 min
Lab File: BG044542.D
Acq: 21 Feb 2020 10:21

Tgt Ion:216 Resp: 305893
Ion Ratio Lower Upper
216 100
214 80.0 64.0 96.0
179 20.4 16.3 24.5
108 16.3 13.0 19.6





#41

Hexachlorocyclopentadiene

Concen: 38.491 ng

RT: 12.70 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BG044542.D

Acq: 21 Feb 2020 10:21

Instrument :

BNA_G

ClientSampleId :

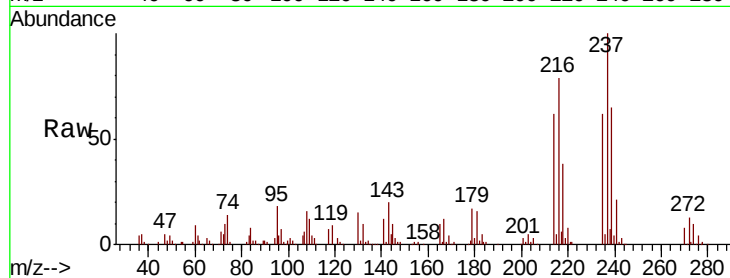
Tot Ion:237 Resp: 137064

Ion Ratio Lower Upper

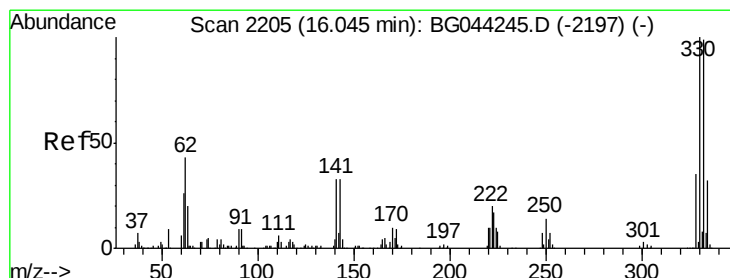
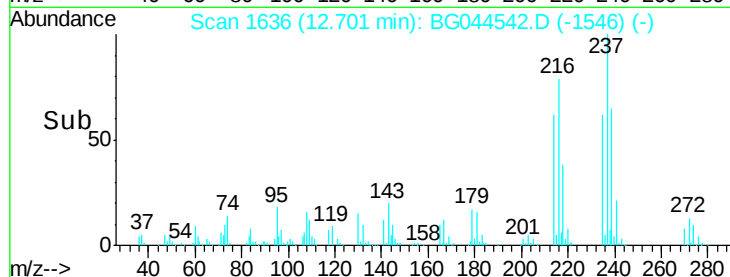
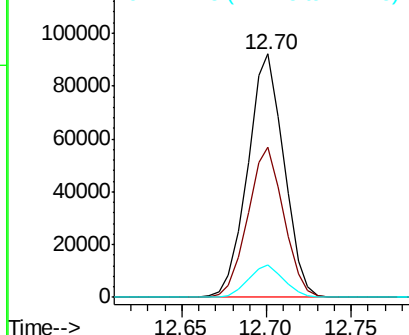
237 100

235 61.7 41.7 81.7

272 13.4 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: 91.743 ng

RT: 16.01 min Scan# 2200

Delta R.T. 0.00 min

Lab File: BG044542.D

Acq: 21 Feb 2020 10:21

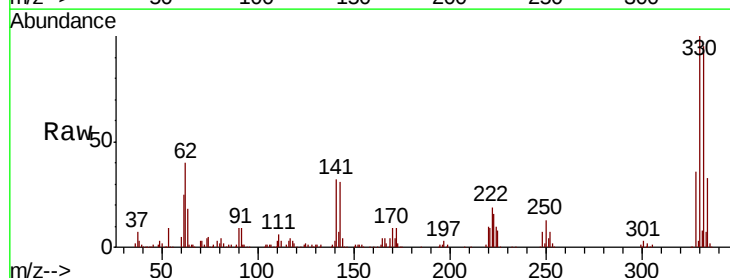
Tgt Ion:330 Resp: 267199

Ion Ratio Lower Upper

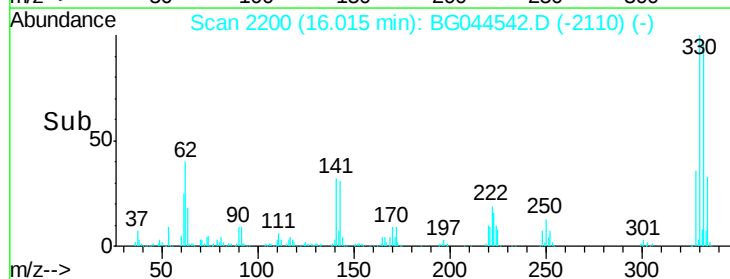
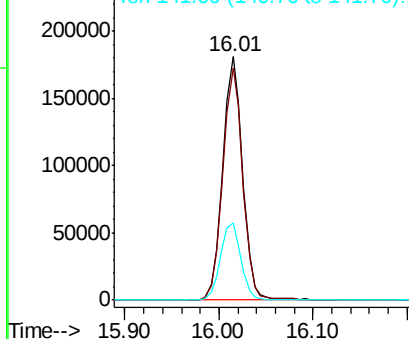
330 100

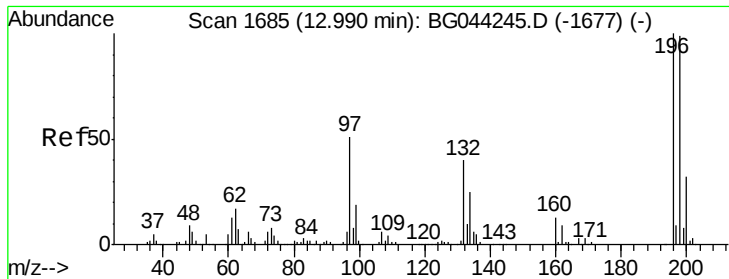
332 95.8 76.6 115.0

141 33.1 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

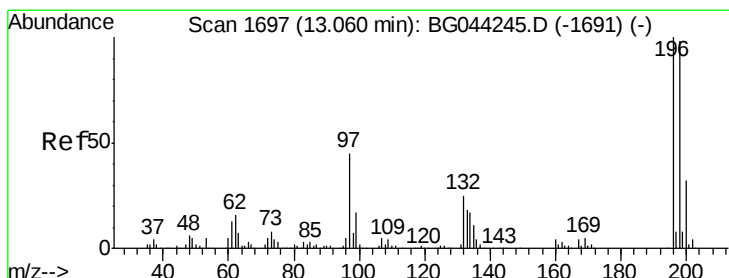
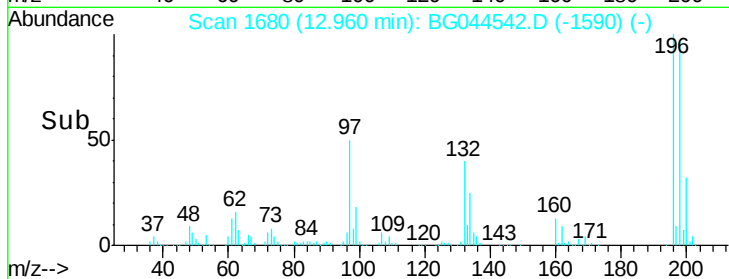
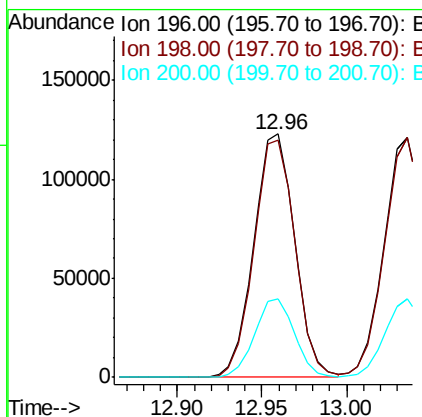
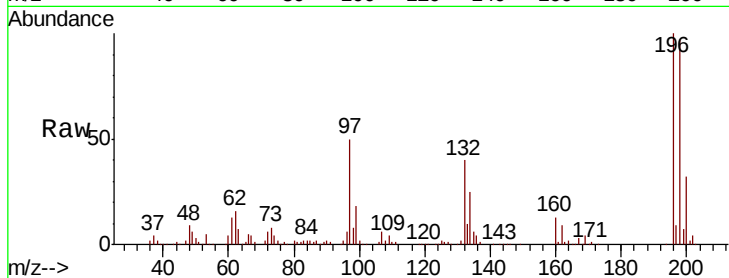




#43
 2,4,6-Trichlorophenol
 Concen: 43.085 ng
 RT: 12.96 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: BG044542.D
 Acq: 21 Feb 2020 10:21

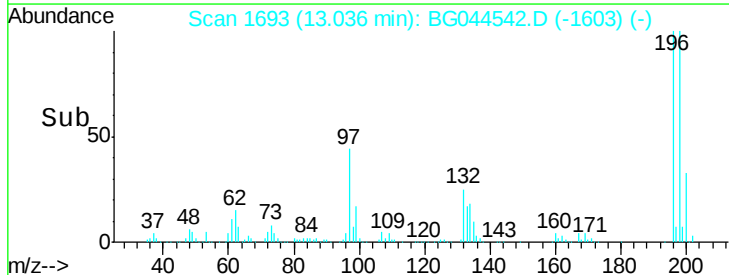
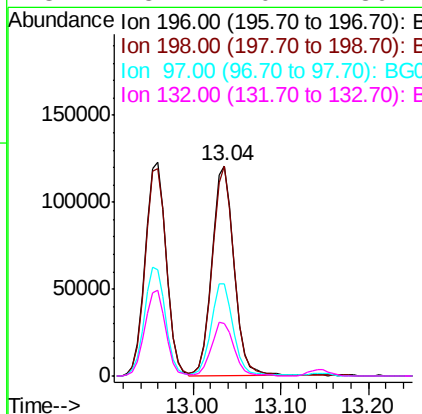
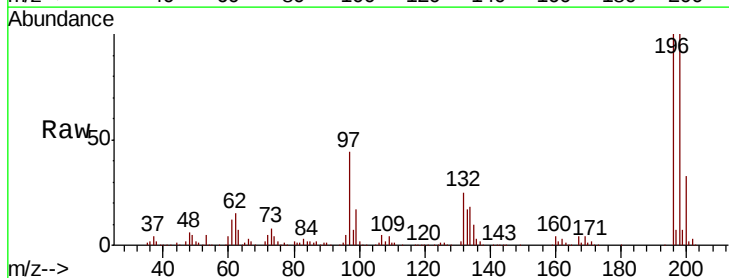
Instrument :
 BNA_G
 ClientSampleId :

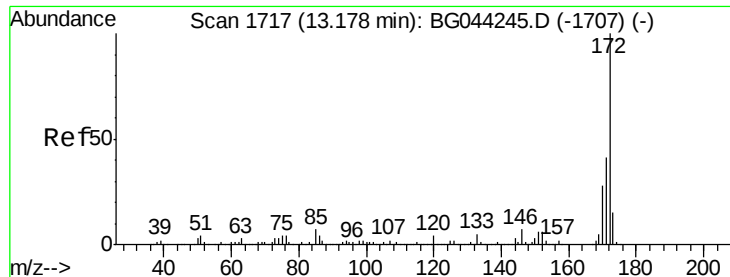
Tot Ion:196 Resp: 206675
 Ion Ratio Lower Upper
 196 100
 198 97.3 77.8 116.8
 200 32.0 25.6 38.4



#44
 2,4,5-Trichlorophenol
 Concen: 43.382 ng
 RT: 13.04 min Scan# 1693
 Delta R.T. 0.00 min
 Lab File: BG044542.D
 Acq: 21 Feb 2020 10:21

Tgt Ion:196 Resp: 212554
 Ion Ratio Lower Upper
 196 100
 198 99.9 79.9 119.9
 97 44.0 35.2 52.8
 132 25.1 20.1 30.1



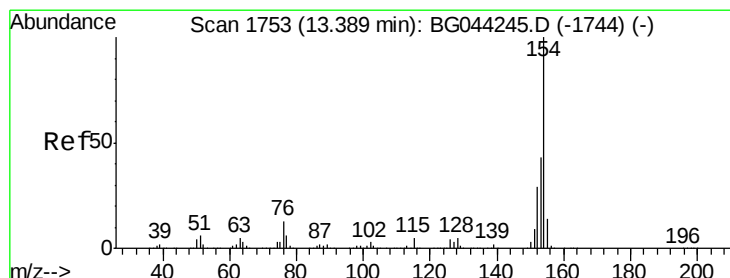
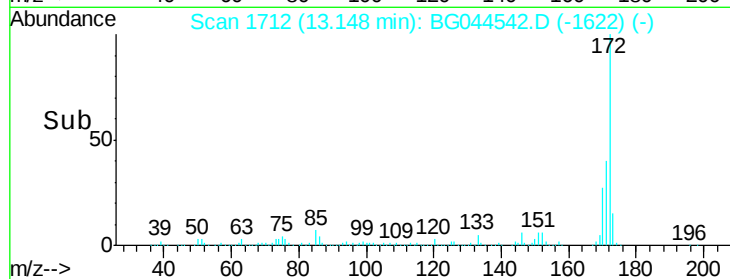
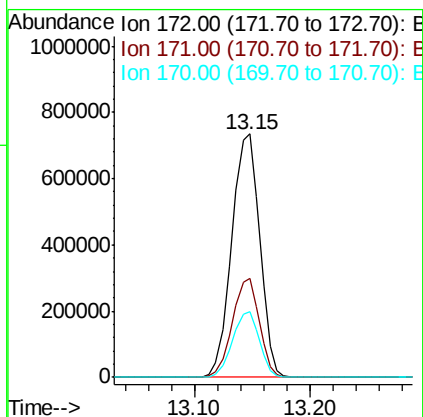
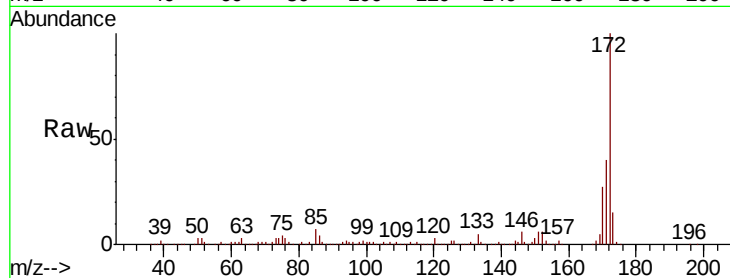


#45
 2-Fluorobiphenyl
 Concen: 83.122 ng
 RT: 13.15 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: BG044542.D
 Acq: 21 Feb 2020 10:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1231495

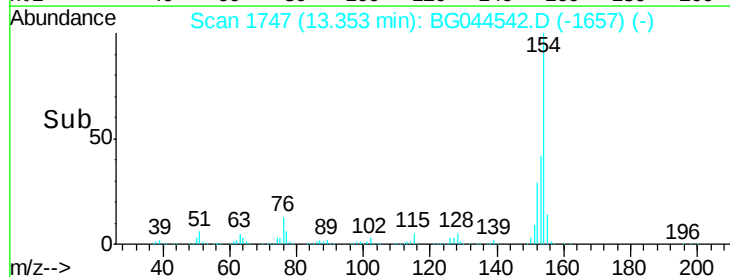
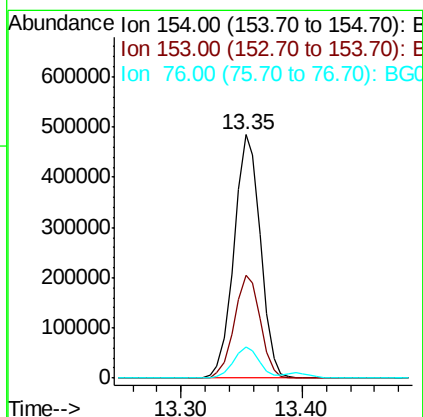
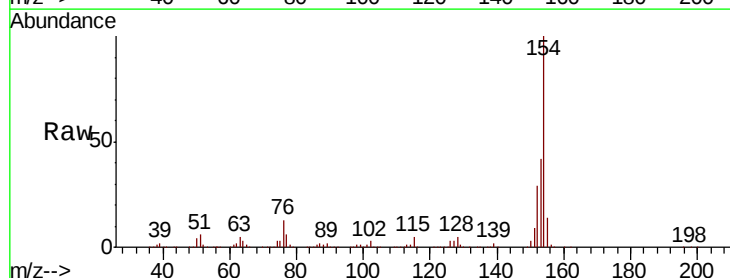
Ion	Ratio	Lower	Upper
172	100		
171	40.4	32.3	48.5
170	27.0	21.6	32.4

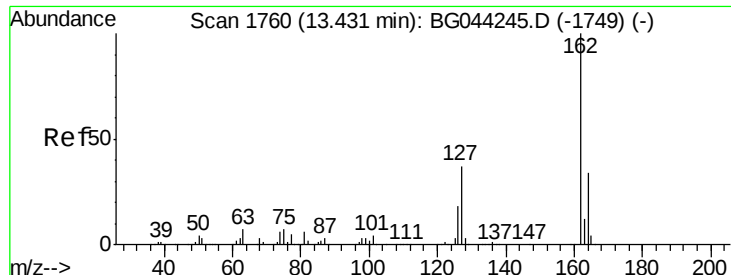


#46
 1,1'-Biphenyl
 Concen: 41.105 ng
 RT: 13.35 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: BG044542.D
 Acq: 21 Feb 2020 10:21

Tgt Ion:154 Resp: 735580

Ion	Ratio	Lower	Upper
154	100		
153	42.3	22.3	62.3
76	12.7	0.0	32.7

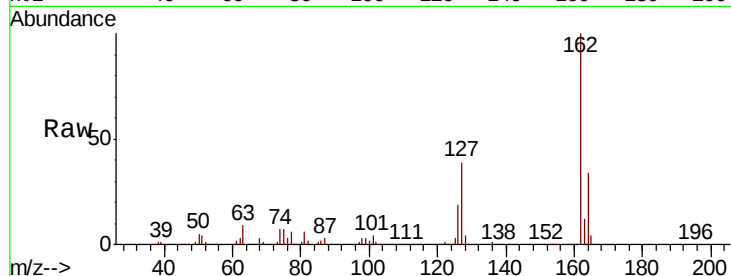




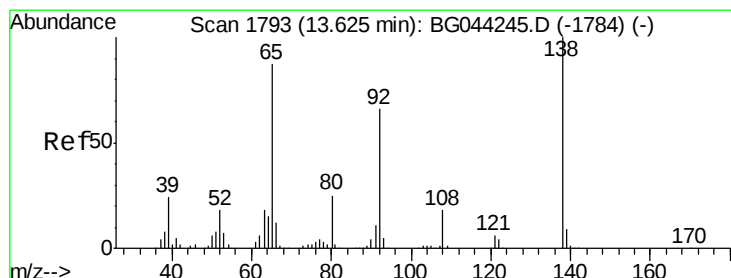
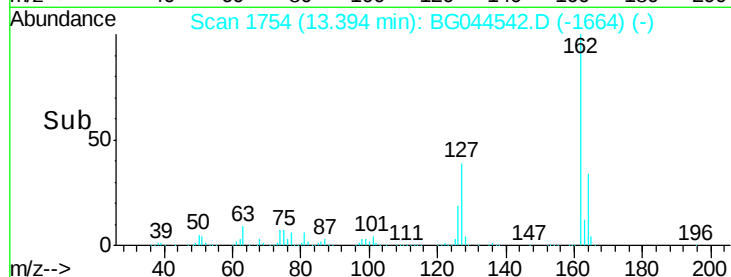
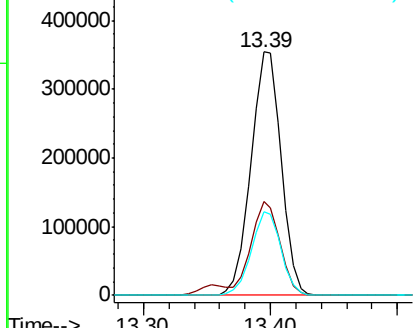
#47
2-Chloronaphthalene
Concen: 41.303 ng
RT: 13.39 min Scan# 1754
Delta R.T. 0.00 min
Lab File: BG044542.D
Acq: 21 Feb 2020 10:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 588166
Ion Ratio Lower Upper
162 100
127 38.8 31.0 46.6
164 34.3 27.4 41.2

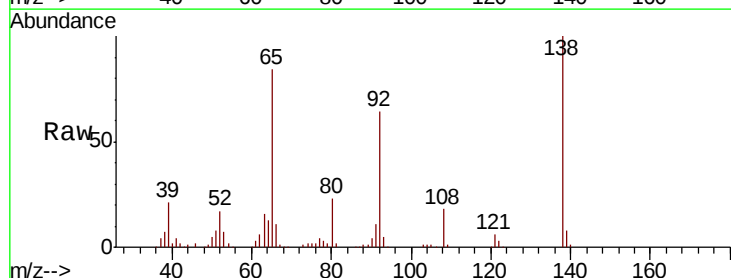


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

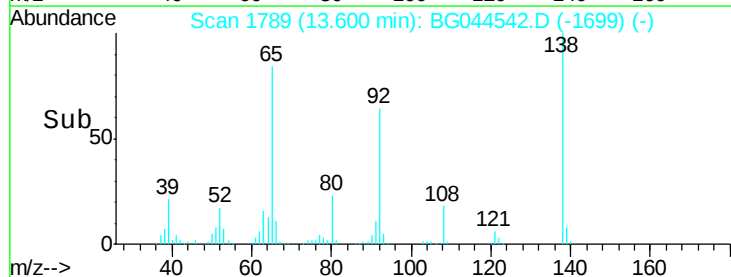
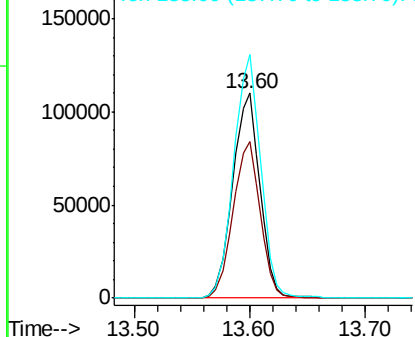


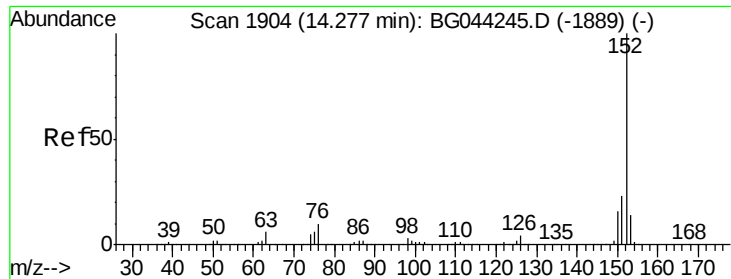
#48
2-Nitroaniline
Concen: 42.950 ng
RT: 13.60 min Scan# 1789
Delta R.T. 0.00 min
Lab File: BG044542.D
Acq: 21 Feb 2020 10:21

Tgt Ion: 65 Resp: 180500
Ion Ratio Lower Upper
65 100
92 76.5 61.2 91.8
138 119.0 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: 42.300 ng

RT: 14.25 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BG044542.D

Acq: 21 Feb 2020 10:21

Instrument :

BNA_G

ClientSampleId :

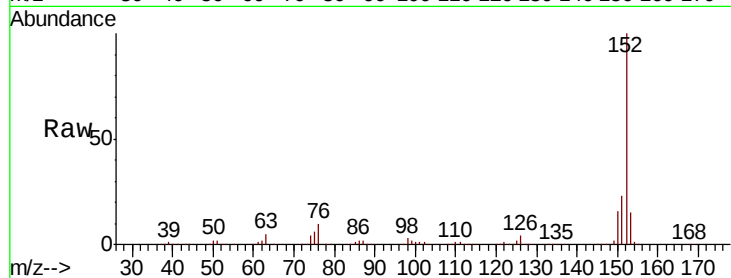
Tot Ion:152 Resp: 883486

Ion Ratio Lower Upper

152 100

151 22.7 18.2 27.2

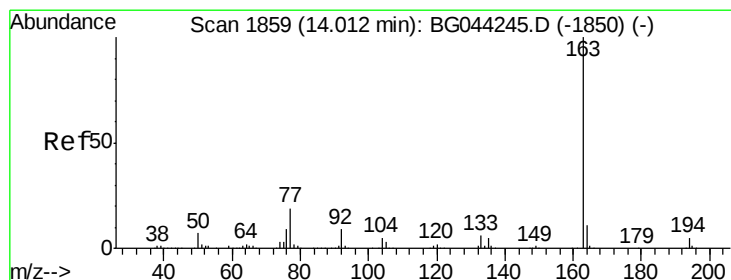
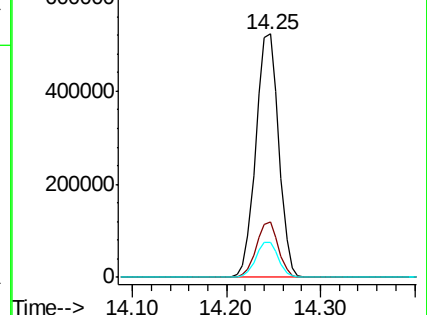
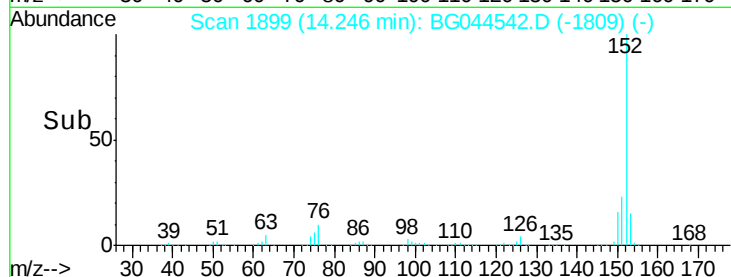
153 14.5 11.6 17.4



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: 42.362 ng

RT: 13.98 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BG044542.D

Acq: 21 Feb 2020 10:21

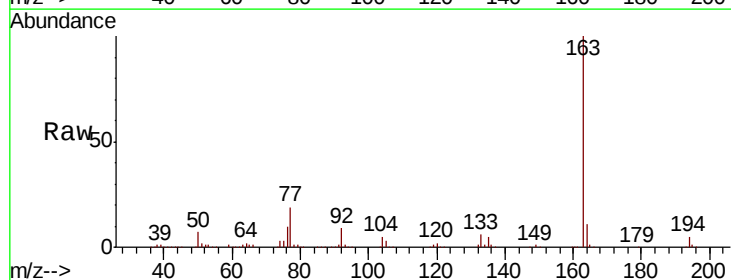
Tgt Ion:163 Resp: 755465

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

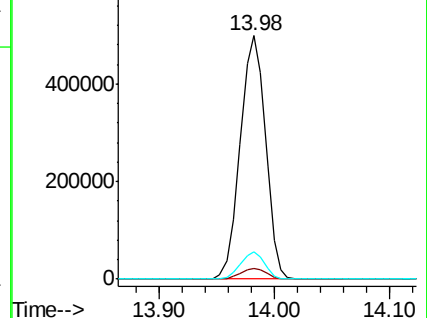
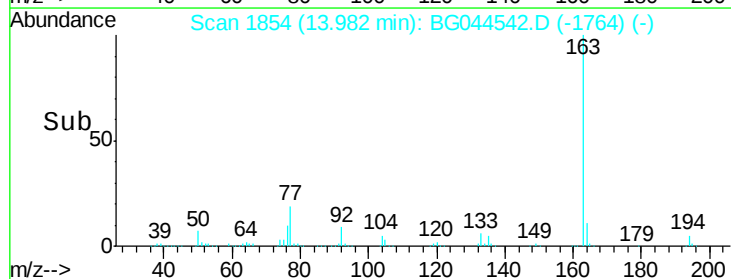
164 11.1 8.9 13.3

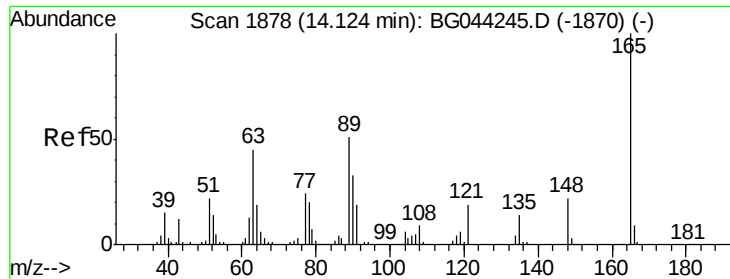


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

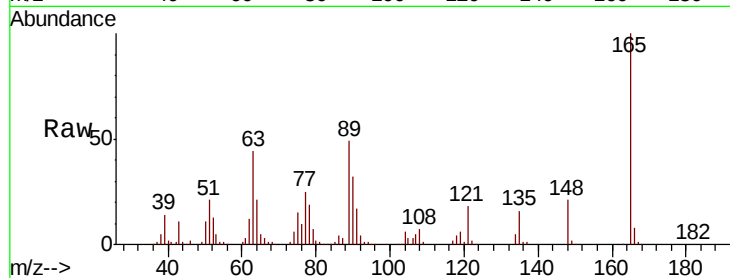




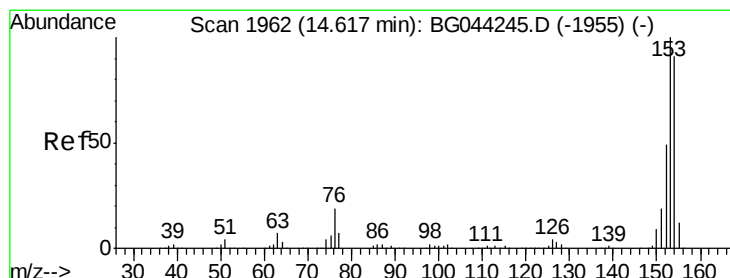
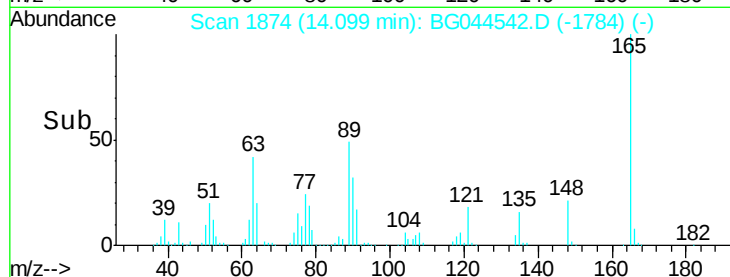
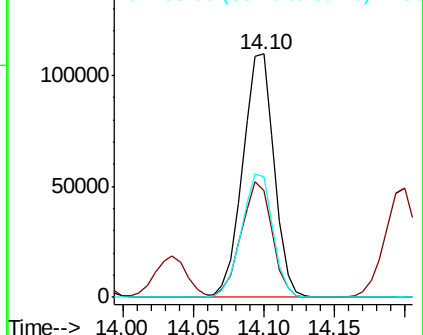
#51
2,6-Dinitrotoluene
Concen: 42.967 ng
RT: 14.10 min Scan# 1874
Delta R.T. 0.00 min
Lab File: BG044542.D
Acq: 21 Feb 2020 10:21

Instrument :
BNA_G
ClientSampled :

Tot Ion:165 Resp: 170851
Ion Ratio Lower Upper
165 100
63 43.8 35.0 52.6
89 49.4 39.5 59.3

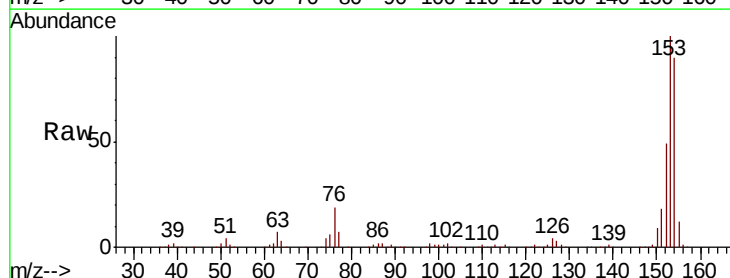


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

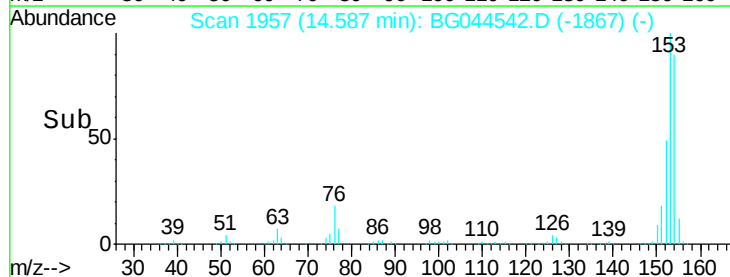
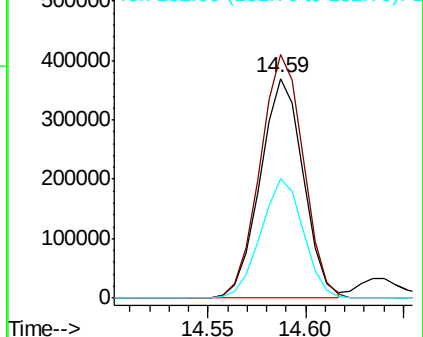


#52
Acenaphthene
Concen: 41.555 ng
RT: 14.59 min Scan# 1957
Delta R.T. 0.00 min
Lab File: BG044542.D
Acq: 21 Feb 2020 10:21

Tgt Ion:154 Resp: 562570
Ion Ratio Lower Upper
154 100
153 110.8 88.6 133.0
152 54.5 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

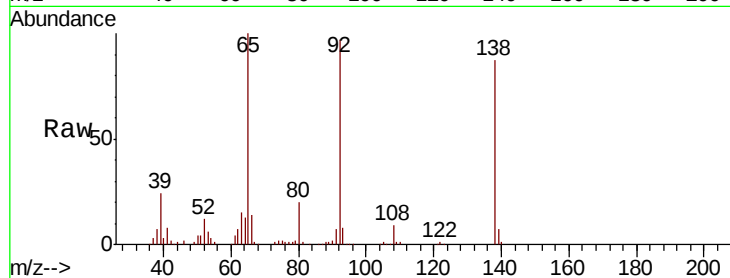




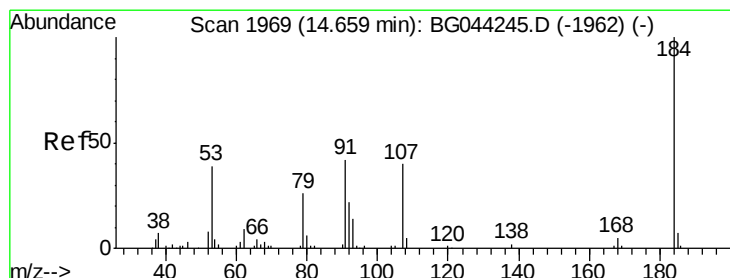
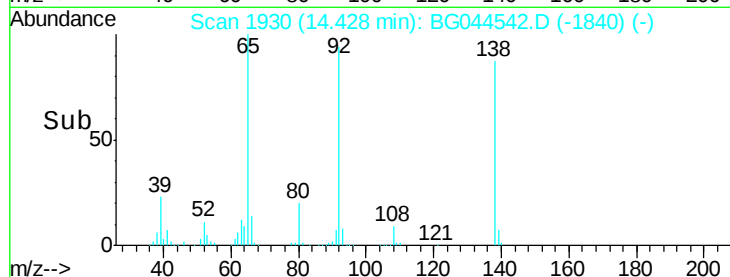
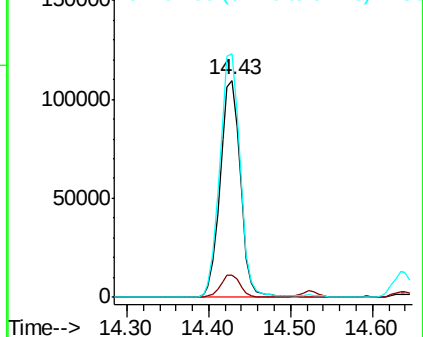
#53
 3-Nitroaniline
 Concen: 43.273 ng
 RT: 14.43 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: BG044542.D
 Acq: 21 Feb 2020 10:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:138 Resp: 190366
 Ion Ratio Lower Upper
 138 100
 108 10.3 8.2 12.4
 92 112.1 89.7 134.5

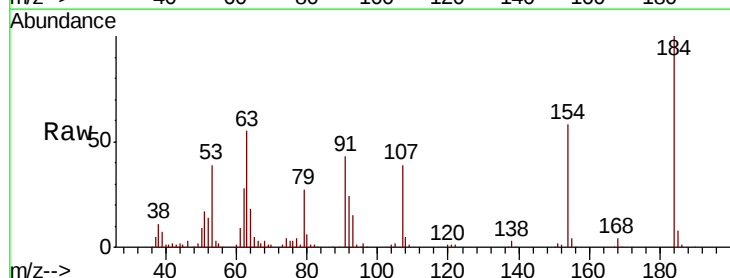


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): B

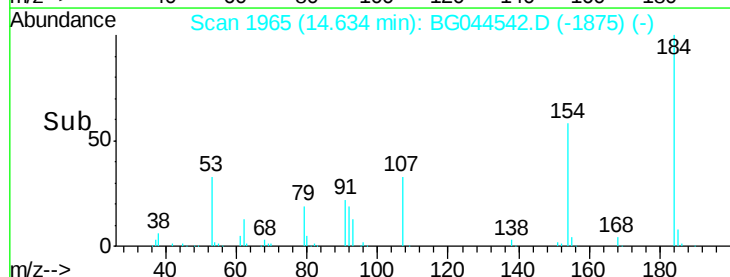
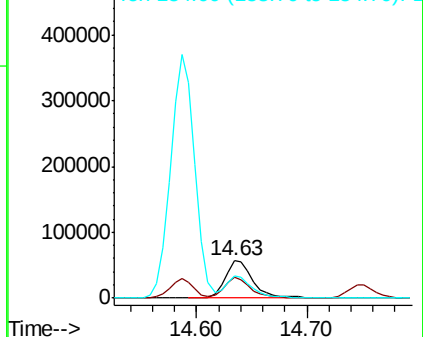


#54
 2,4-Dinitrophenol
 Concen: 46.533 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: BG044542.D
 Acq: 21 Feb 2020 10:21

Tgt Ion:184 Resp: 101331
 Ion Ratio Lower Upper
 184 100
 63 54.8 43.8 65.8
 154 58.3 46.6 70.0



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): B
 Ion 154.00 (153.70 to 154.70): E

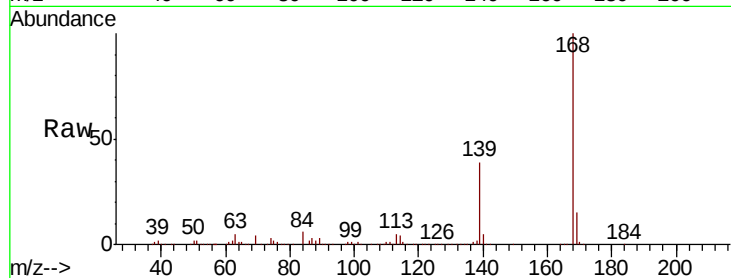




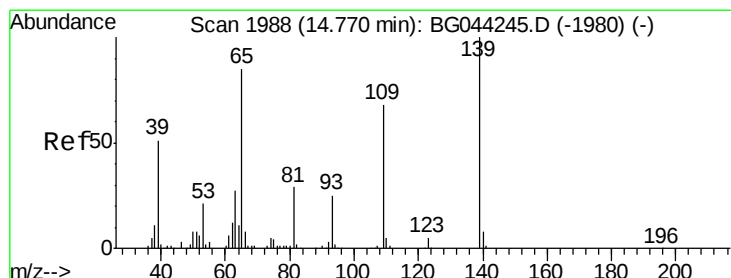
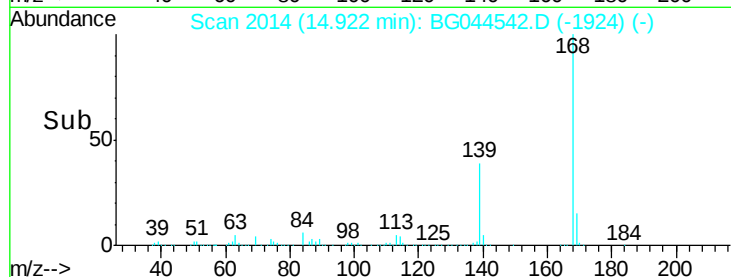
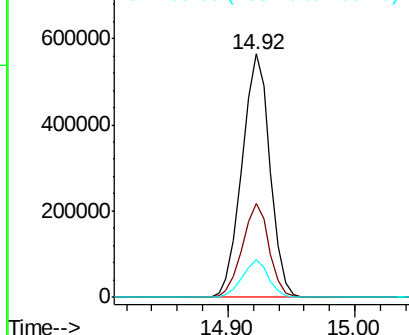
#55
Dibenzofuran
Concen: 42.062 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BG044542.D
Acq: 21 Feb 2020 10:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 862151
Ion Ratio Lower Upper
168 100
139 38.5 30.8 46.2
169 15.3 12.2 18.4

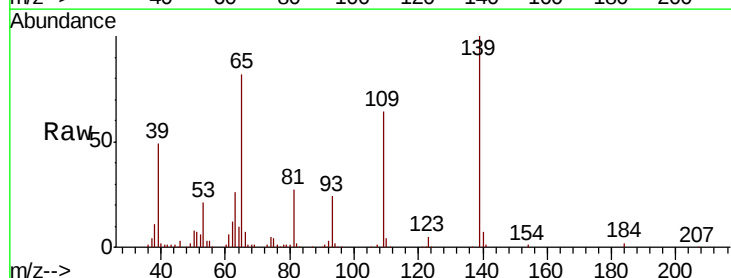


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

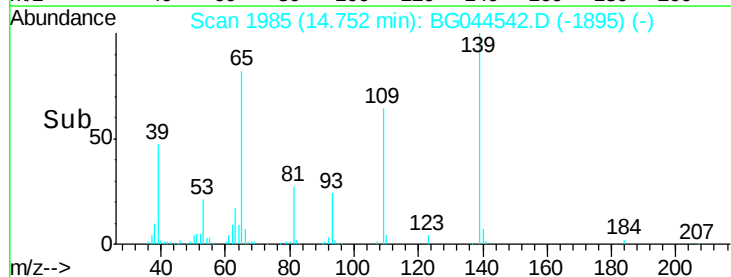
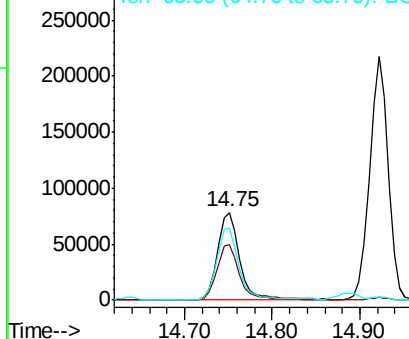


#56
4-Nitrophenol
Concen: 43.463 ng
RT: 14.75 min Scan# 1985
Delta R.T. 0.00 min
Lab File: BG044542.D
Acq: 21 Feb 2020 10:21

Tgt Ion:139 Resp: 140056
Ion Ratio Lower Upper
139 100
109 64.0 44.0 84.0
65 82.3 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

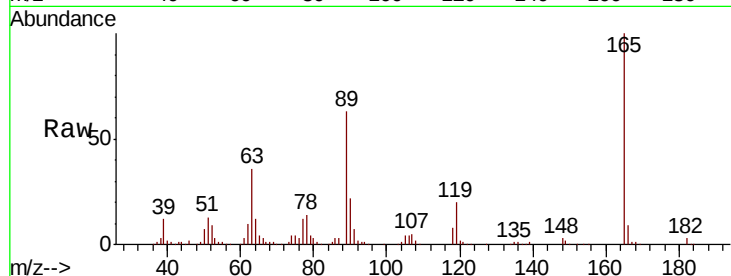




#57
2,4-Dinitrotoluene
Concen: 44.645 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG044542.D
Acq: 21 Feb 2020 10:21

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	35.7	28.6	42.8
89	63.4	50.7	76.1
182	2.6	2.1	3.1



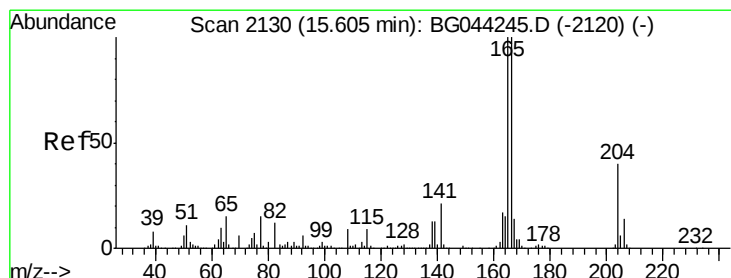
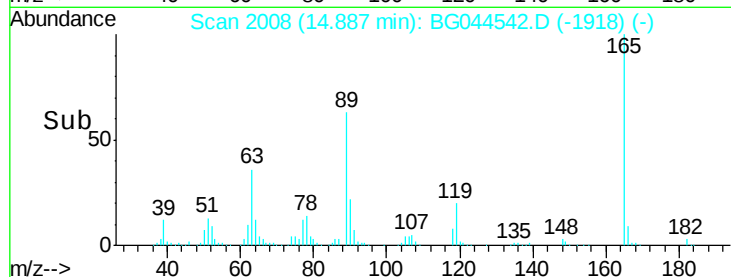
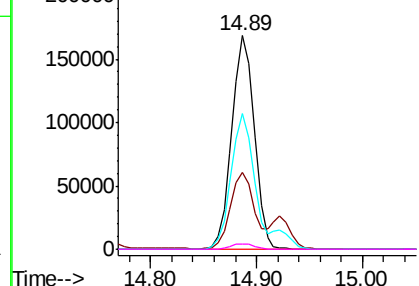
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

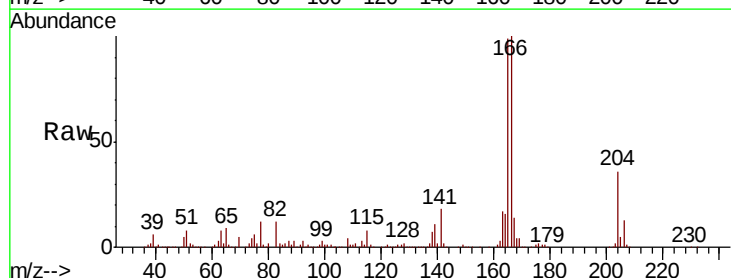
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.990 ng
RT: 15.57 min Scan# 2125
Delta R.T. 0.00 min
Lab File: BG044542.D
Acq: 21 Feb 2020 10:21

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.3	118.9
167	14.3	11.4	17.2

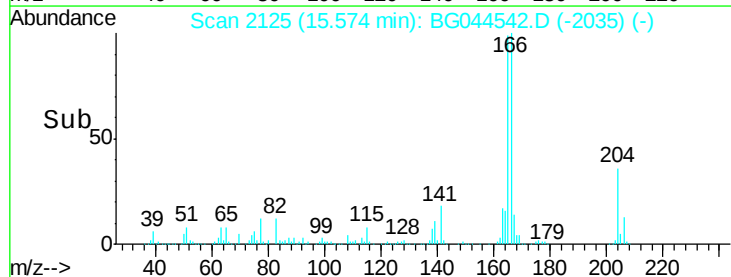
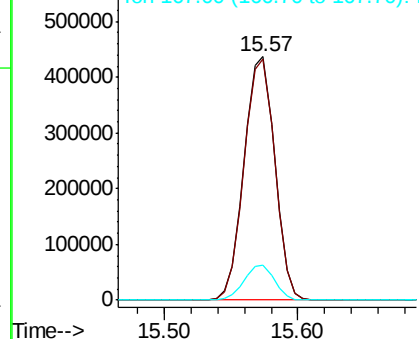


Abundance

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

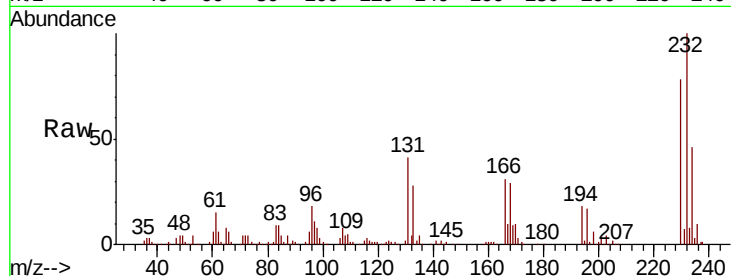




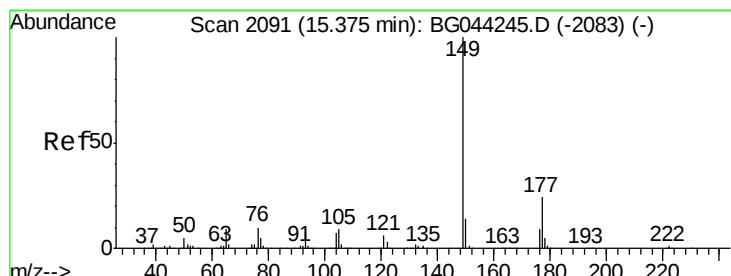
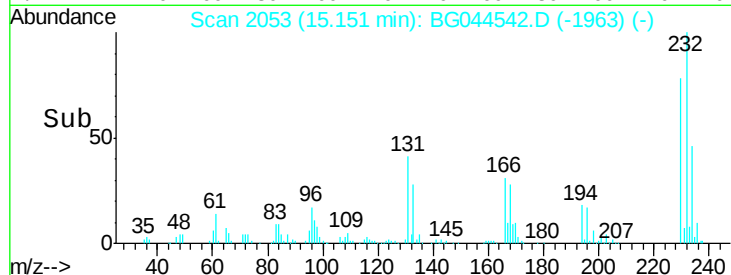
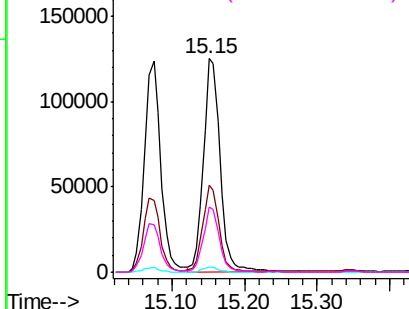
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.402 ng
RT: 15.15 min Scan# 2053
Delta R.T. 0.00 min
Lab File: BG044542.D
Acq: 21 Feb 2020 10:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:232	Resp:	200932
Ion Ratio	Lower	Upper
232	100	
131	39.8	31.8 47.8
130	2.3	1.8 2.8
166	29.0	23.2 34.8

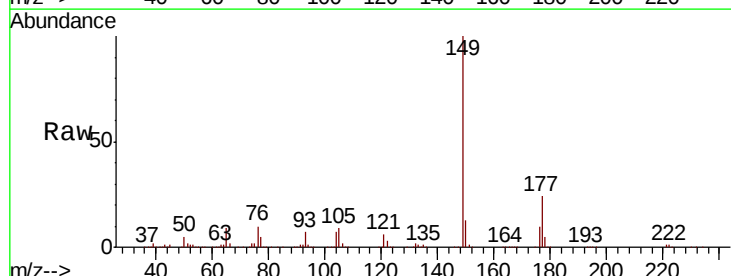


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

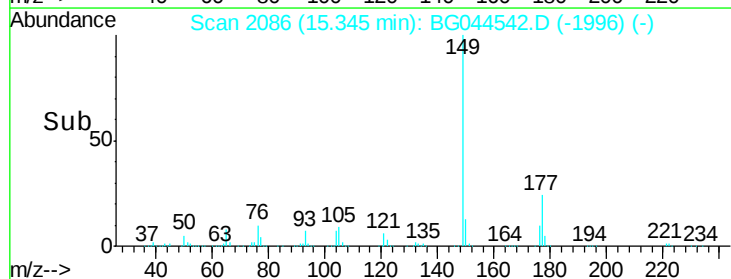
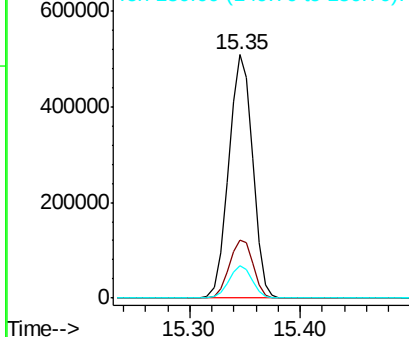


#60
Diethylphthalate
Concen: 43.396 ng
RT: 15.35 min Scan# 2086
Delta R.T. 0.00 min
Lab File: BG044542.D
Acq: 21 Feb 2020 10:21

Tgt Ion:149	Resp:	771146
Ion Ratio	Lower	Upper
149	100	
177	24.1	19.3 28.9
150	13.2	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

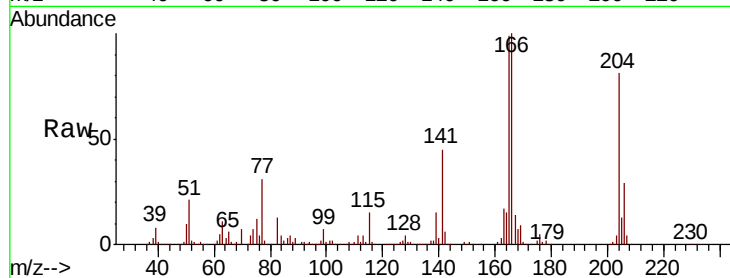




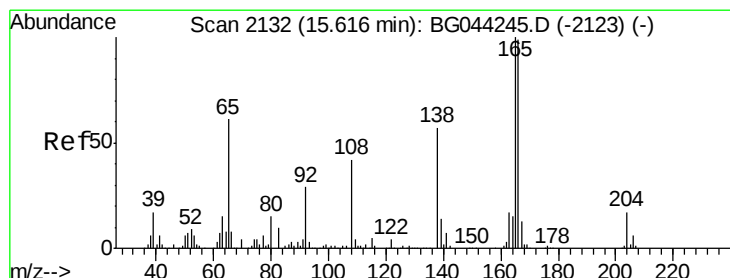
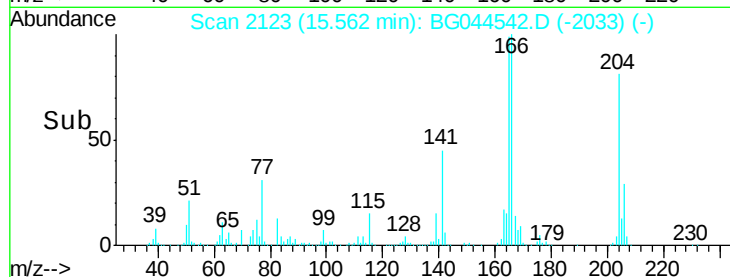
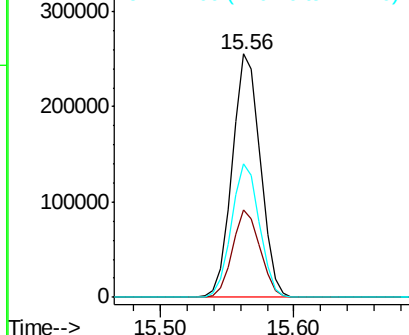
#61
 4-Chlorophenyl-phenylether
 Concen: 42.708 ng
 RT: 15.56 min Scan# 2123
 Delta R.T. 0.00 min
 Lab File: BG044542.D
 Acq: 21 Feb 2020 10:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.7	28.6	42.8
141	54.9	43.9	65.9

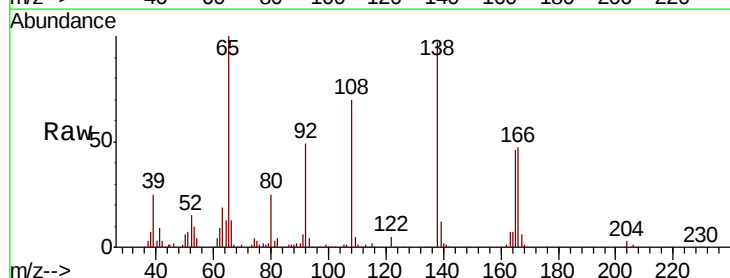


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

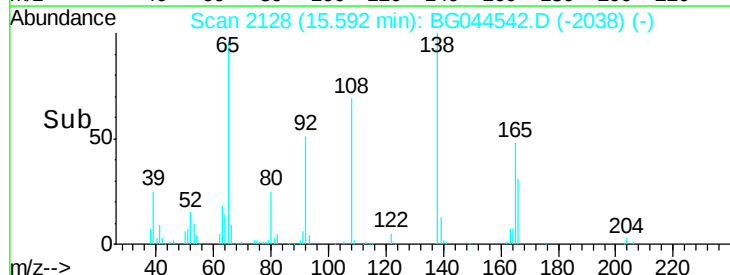
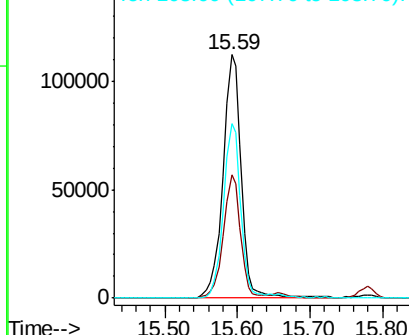


#62
 4-Nitroaniline
 Concen: 45.063 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. 0.00 min
 Lab File: BG044542.D
 Acq: 21 Feb 2020 10:21

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.7	30.7	70.7
108	71.9	51.9	91.9



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

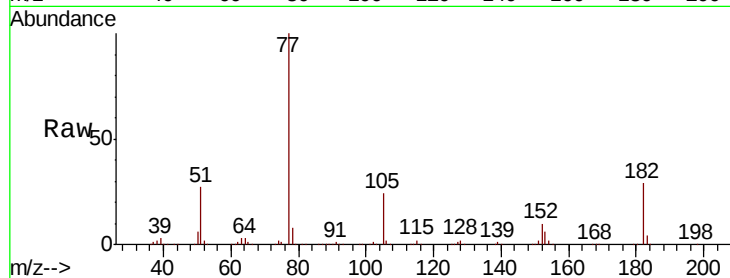




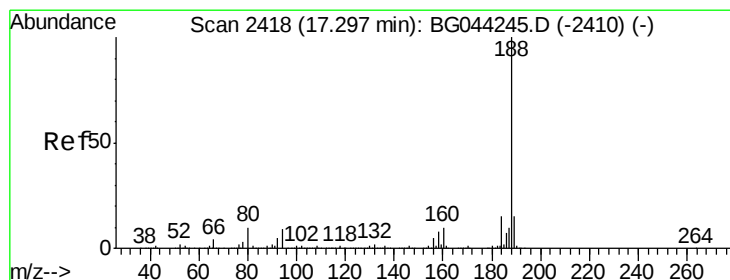
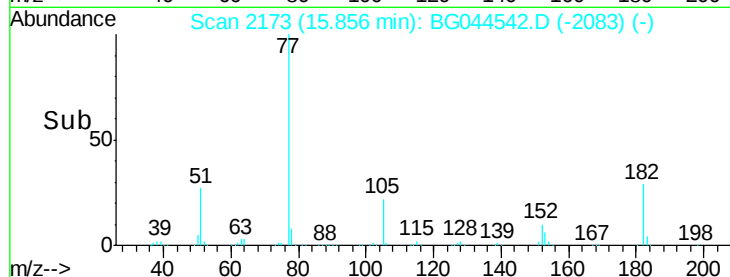
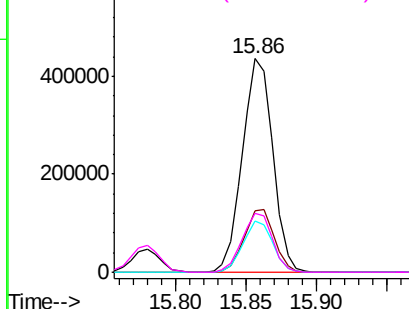
#63
Azobenzene
Concen: 42.253 ng
RT: 15.86 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BG044542.D
Acq: 21 Feb 2020 10:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	658059
Ion	Ratio	Lower	Upper
77	100		
182	28.8	8.8	48.8
105	24.0	4.0	44.0
51	27.3	7.3	47.3

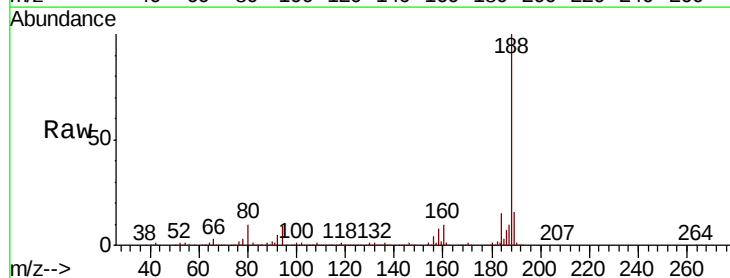


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

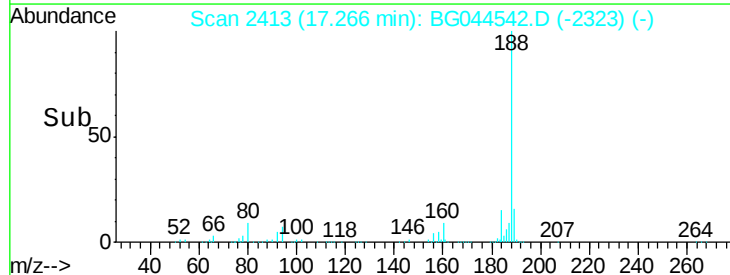
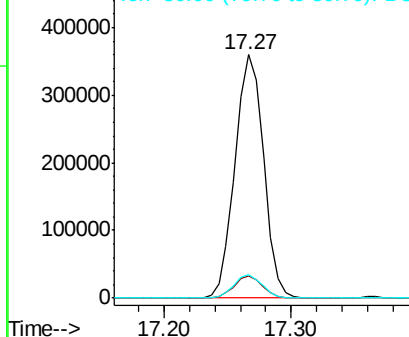


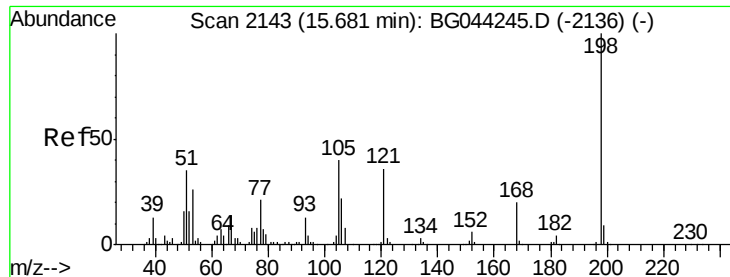
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.27 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BG044542.D
Acq: 21 Feb 2020 10:21

Tgt Ion:	188	Resp:	561760
Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.4	11.0
80	9.7	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

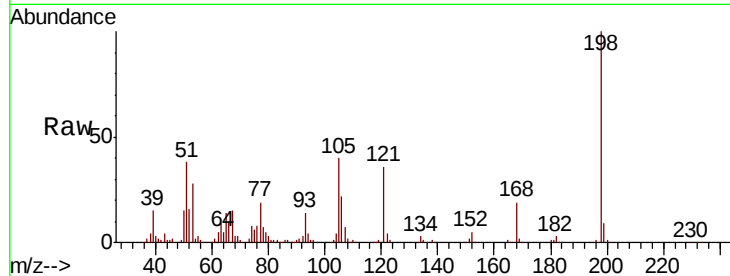




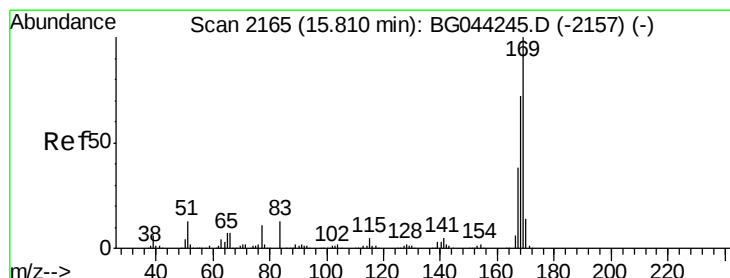
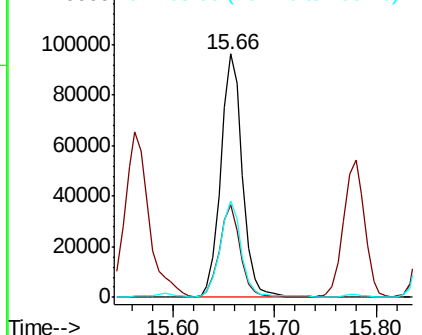
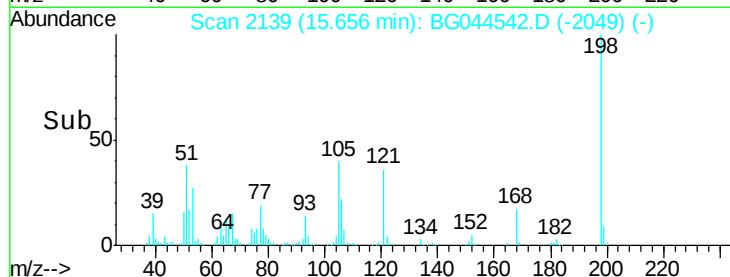
#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.943 ng
 RT: 15.66 min Scan# 2139
 Delta R.T. 0.00 min
 Lab File: BG044542.D
 Acq: 21 Feb 2020 10:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	37.9	17.9	57.9
105	39.8	19.8	59.8

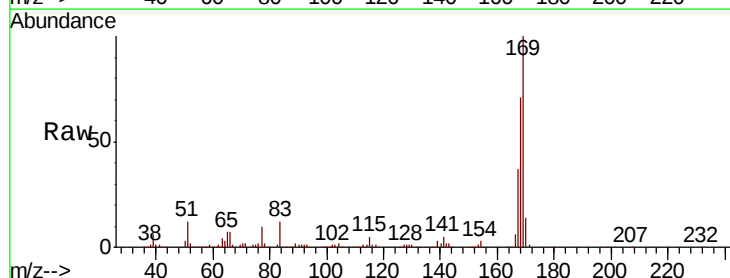


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

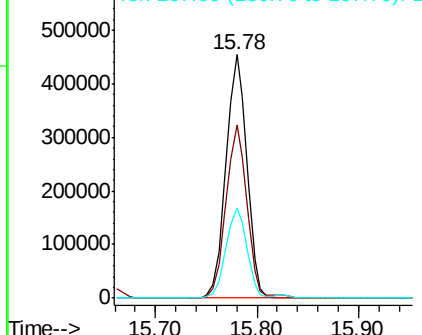
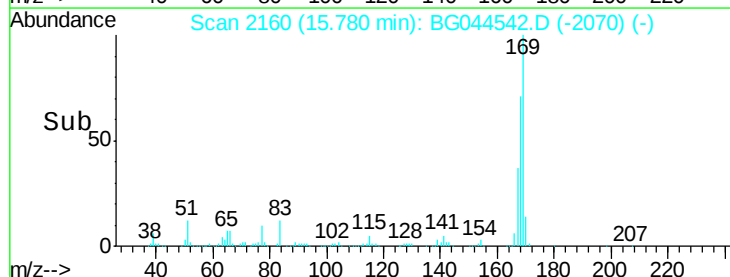


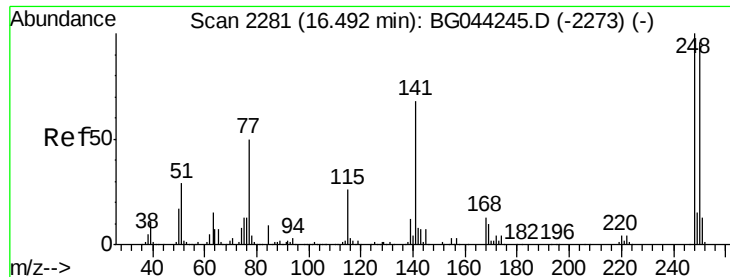
#66
 n-Nitrosodiphenylamine
 Concen: 41.389 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. 0.00 min
 Lab File: BG044542.D
 Acq: 21 Feb 2020 10:21

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.0	56.8	85.2
167	37.0	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

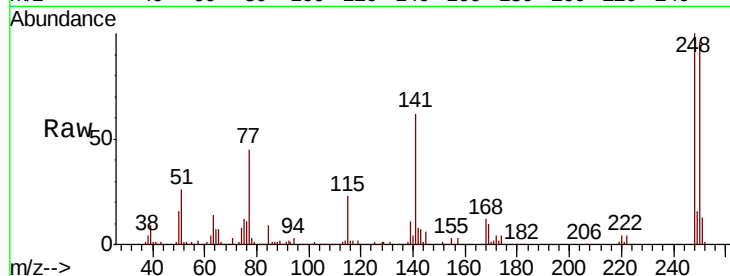




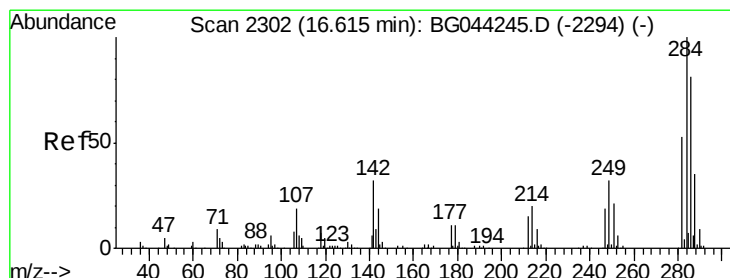
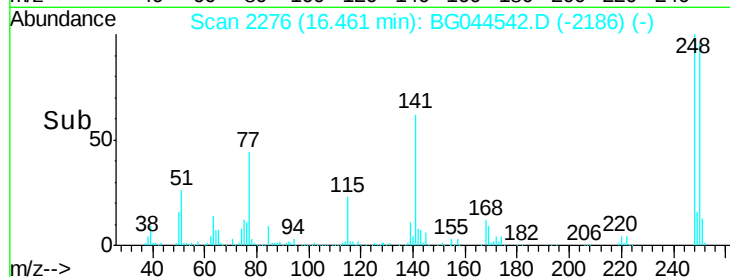
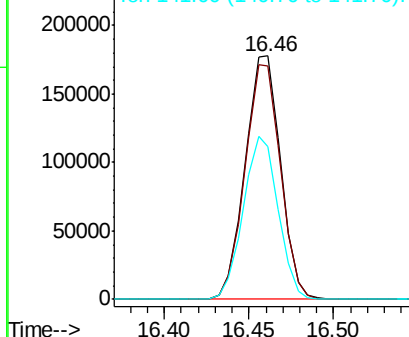
#67
4-Bromophenyl-phenylether
Concen: 42.472 ng
RT: 16.46 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BG044542.D
Acq: 21 Feb 2020 10:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 259939
Ion Ratio Lower Upper
248 100
250 96.0 76.8 115.2
141 62.5 50.0 75.0

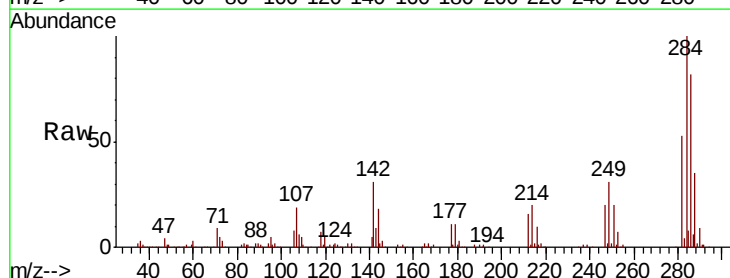


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

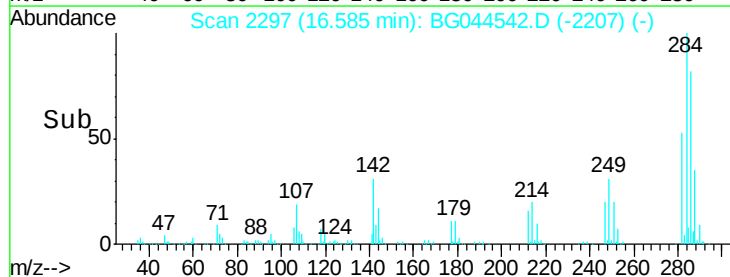
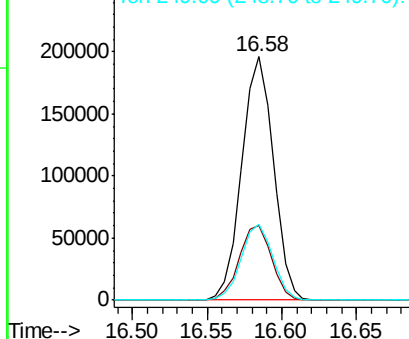


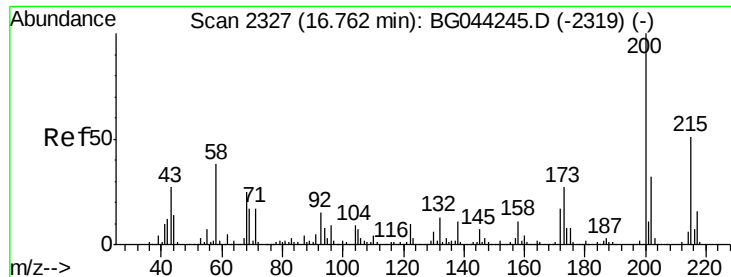
#68
Hexachlorobenzene
Concen: 42.017 ng
RT: 16.58 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BG044542.D
Acq: 21 Feb 2020 10:21

Tgt Ion:284 Resp: 288101
Ion Ratio Lower Upper
284 100
142 30.7 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

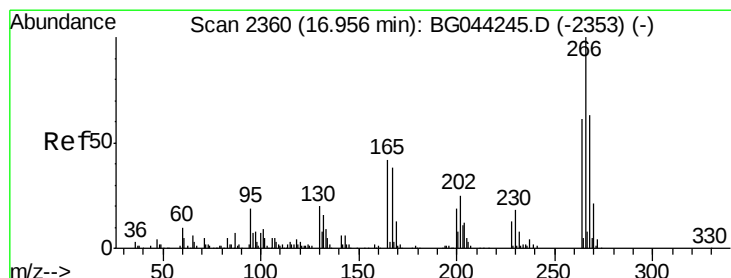
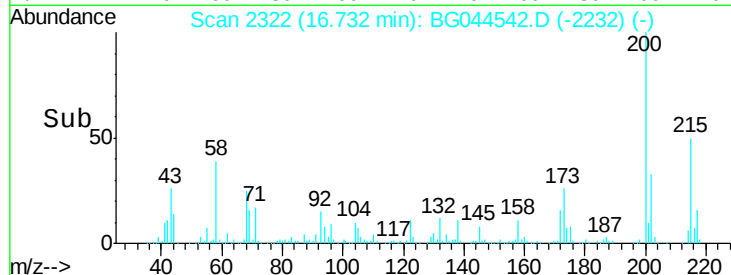
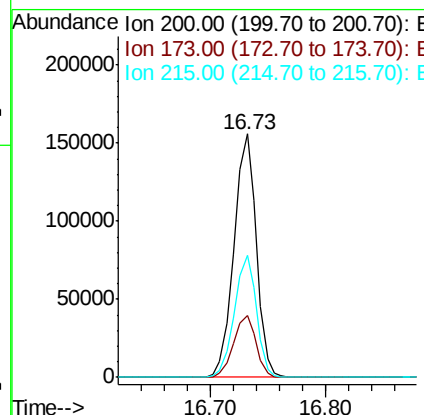
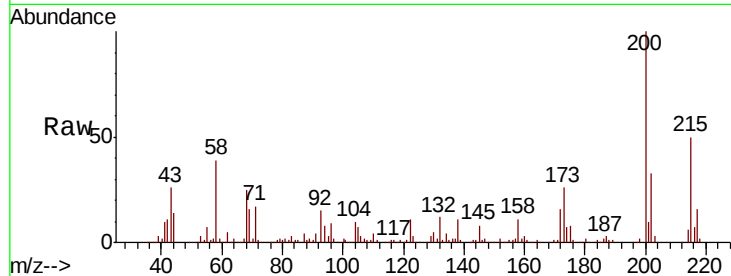




#69
 Atrazine
 Concen: 38.650 ng
 RT: 16.73 min Scan# 2322
 Delta R.T. 0.00 min
 Lab File: BG044542.D
 Acq: 21 Feb 2020 10:21

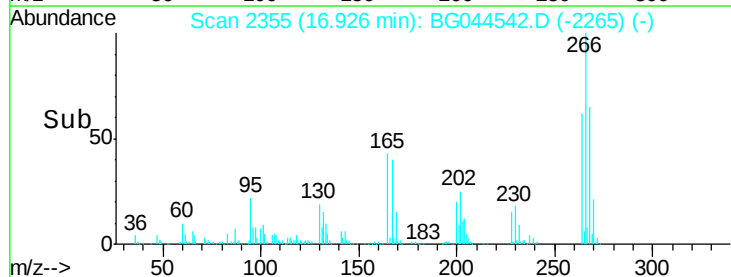
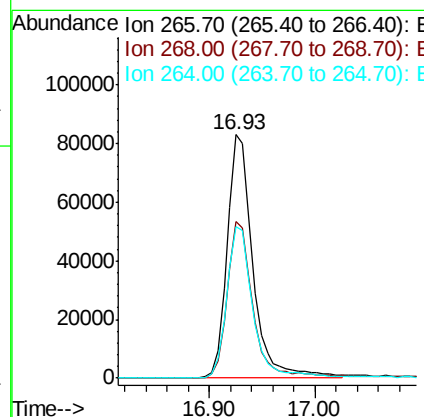
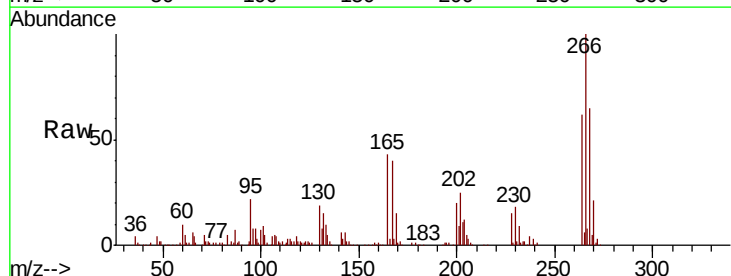
Instrument :
 BNA_G
 ClientSampled :

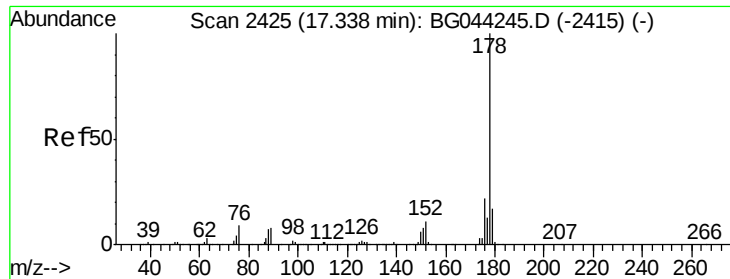
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.6	5.6	45.6
215	50.3	30.3	70.3



#70
 Pentachlorophenol
 Concen: 42.073 ng
 RT: 16.93 min Scan# 2355
 Delta R.T. 0.00 min
 Lab File: BG044542.D
 Acq: 21 Feb 2020 10:21

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.6	77.4
264	62.3	49.8	74.8

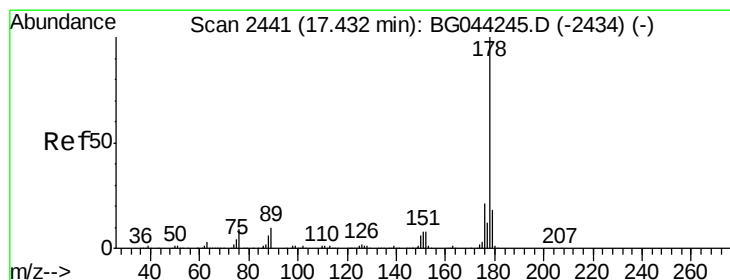
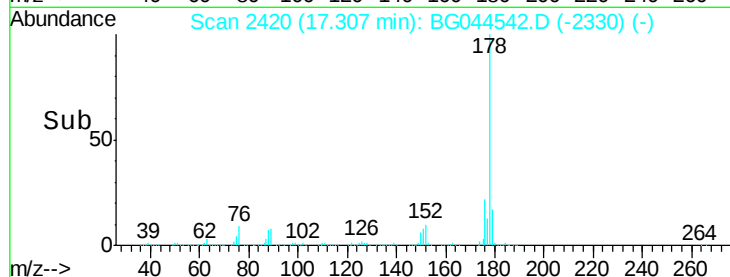
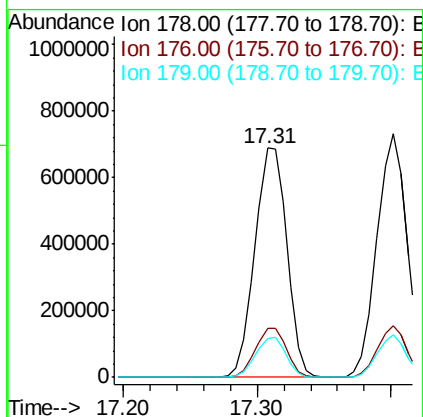
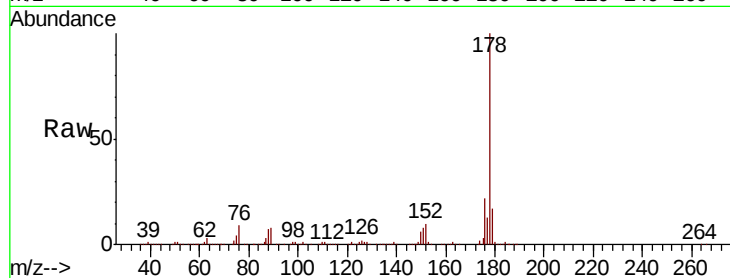




#71
Phenanthrene
Concen: 42.006 ng
RT: 17.31 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BG044542.D
Acq: 21 Feb 2020 10:21

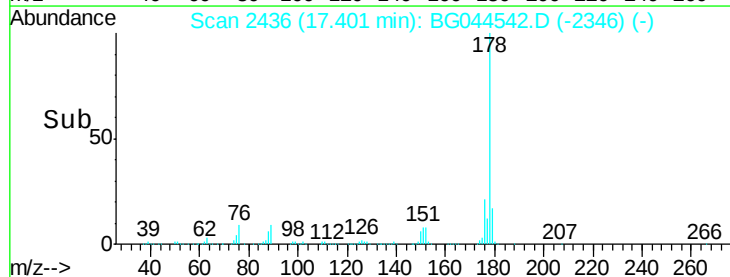
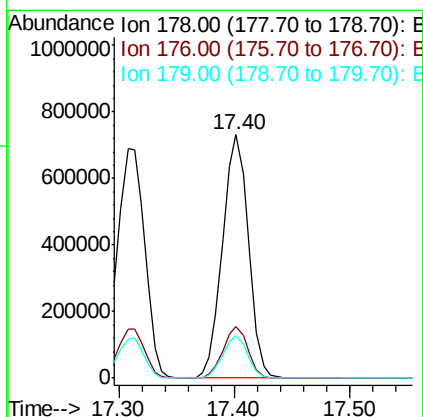
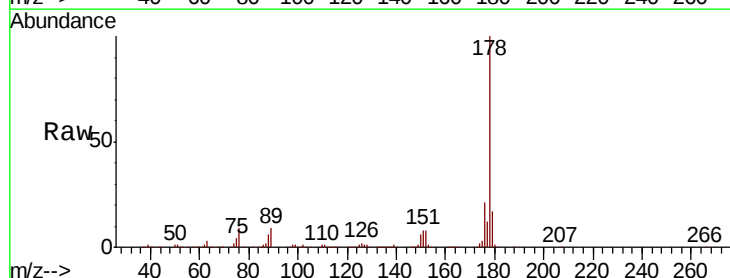
Instrument :
BNA_G
ClientSampleId :

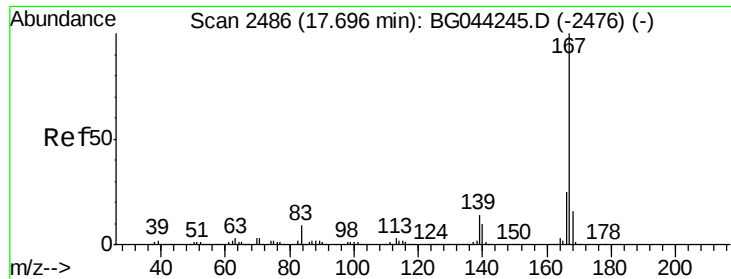
Tot Ion:178 Resp: 1142654
Ion Ratio Lower Upper
178 100
176 21.7 17.4 26.0
179 17.2 13.8 20.6



#72
Anthracene
Concen: 42.171 ng
RT: 17.40 min Scan# 2436
Delta R.T. 0.00 min
Lab File: BG044542.D
Acq: 21 Feb 2020 10:21

Tgt Ion:178 Resp: 1134131
Ion Ratio Lower Upper
178 100
176 21.4 17.1 25.7
179 17.4 13.9 20.9

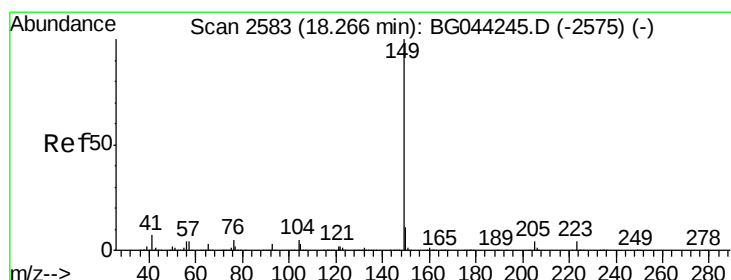
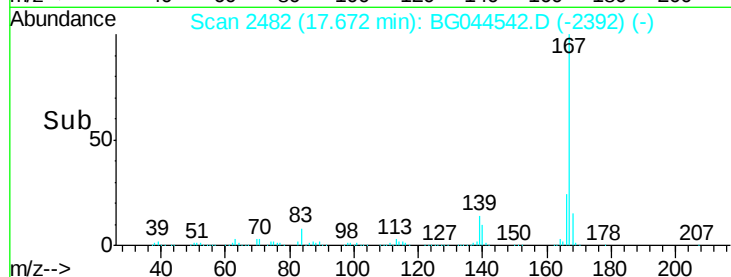
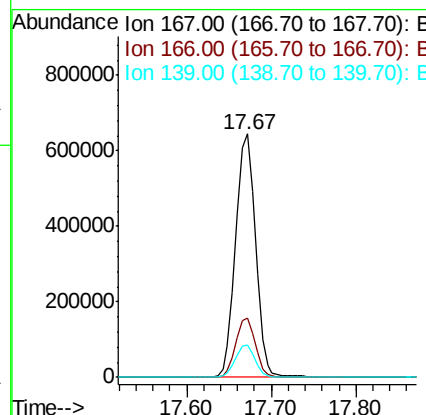
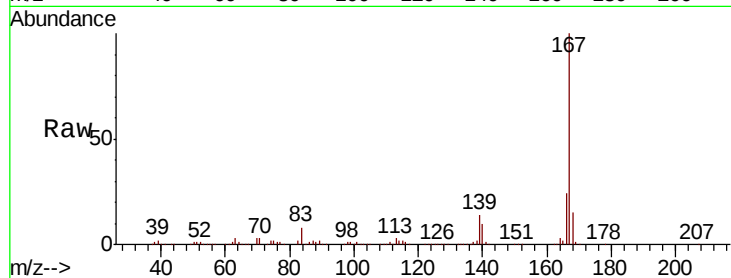




#73
 Carbazole
 Concen: 42.194 ng
 RT: 17.67 min Scan# 2482
 Delta R.T. 0.00 min
 Lab File: BG044542.D
 Acq: 21 Feb 2020 10:21

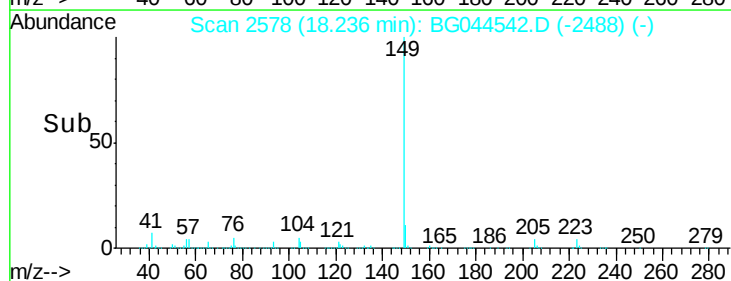
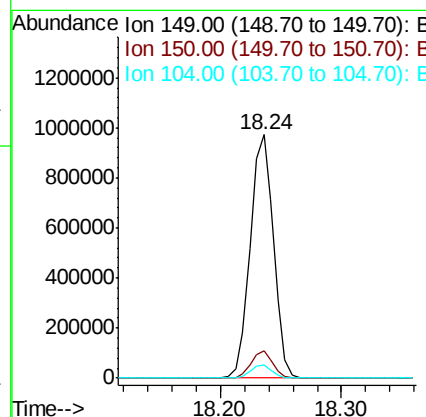
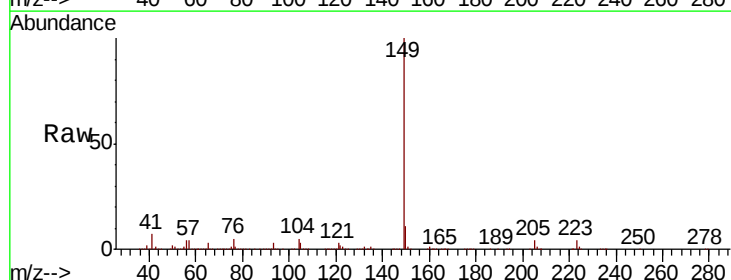
Instrument :
 BNA_G
 ClientSampleId :

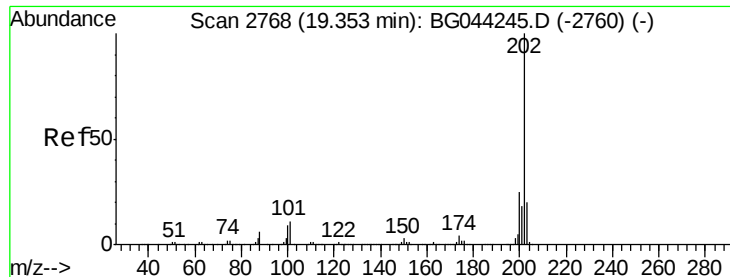
Tot Ion:167 Resp: 1046122
 Ion Ratio Lower Upper
 167 100
 166 24.4 19.5 29.3
 139 13.5 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 42.636 ng
 RT: 18.24 min Scan# 2578
 Delta R.T. 0.00 min
 Lab File: BG044542.D
 Acq: 21 Feb 2020 10:21

Tgt Ion:149 Resp: 1306283
 Ion Ratio Lower Upper
 149 100
 150 11.2 9.0 13.4
 104 5.4 4.3 6.5





#75

Fluoranthene

Concen: 42.401 ng

RT: 19.32 min Scan# 2763

Delta R.T. 0.00 min

Lab File: BG044542.D

Acq: 21 Feb 2020 10:21

Instrument :

BNA_G

ClientSampleId :

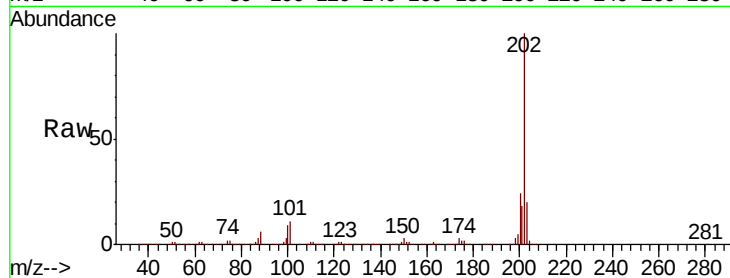
Tot Ion:202 Resp: 1334286

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.4

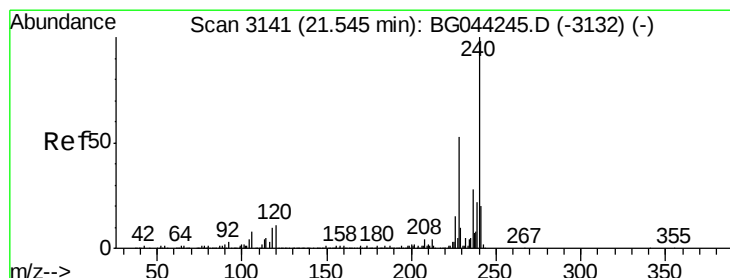
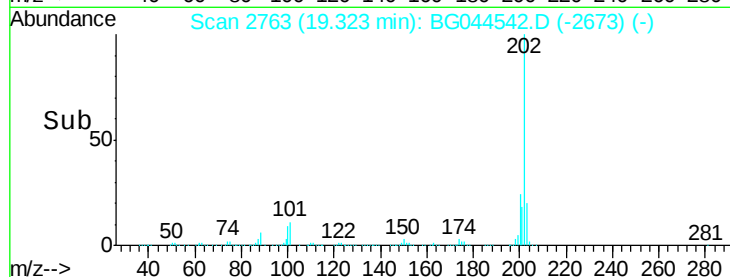
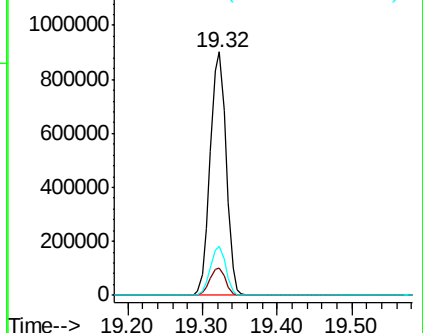
203 20.3 0.3 40.3



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# 3136

Delta R.T. 0.00 min

Lab File: BG044542.D

Acq: 21 Feb 2020 10:21

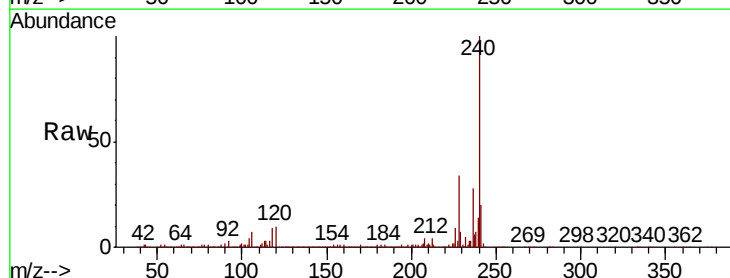
Tgt Ion:240 Resp: 521980

Ion Ratio Lower Upper

240 100

120 10.2 8.2 12.2

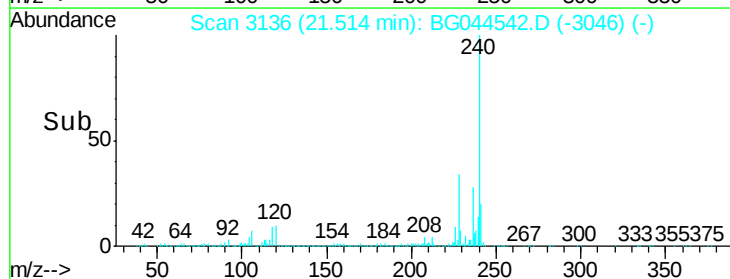
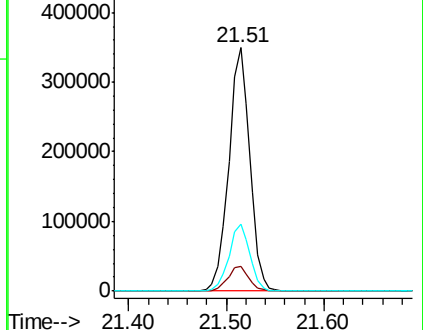
236 27.5 22.0 33.0



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

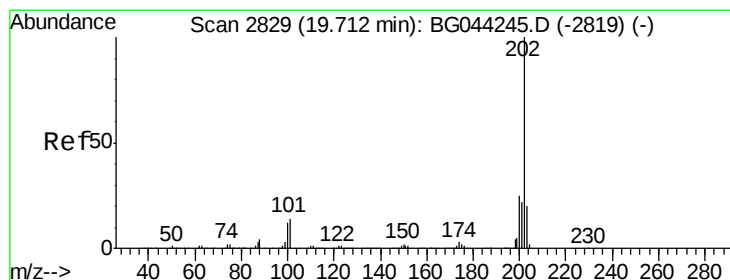
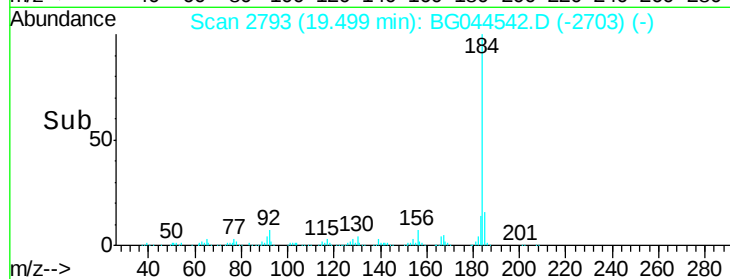
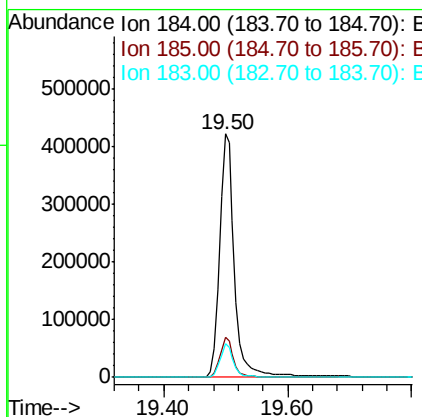
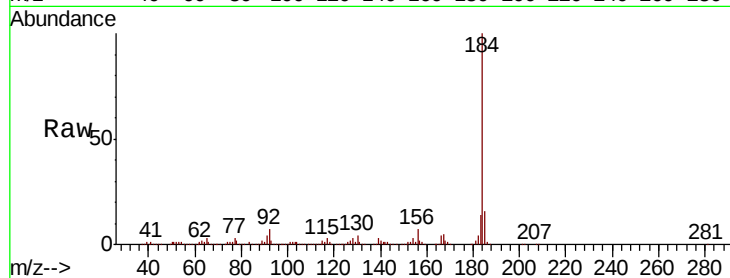




#77
Benzidine
Concen: 48.793 ng
RT: 19.50 min Scan# 2793
Delta R.T. 0.00 min
Lab File: BG044542.D
Acq: 21 Feb 2020 10:21

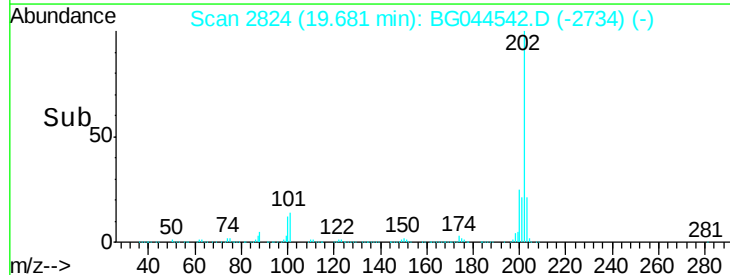
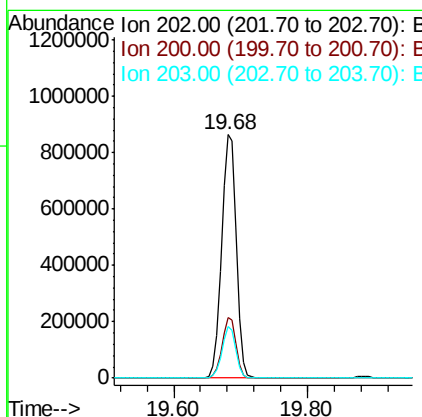
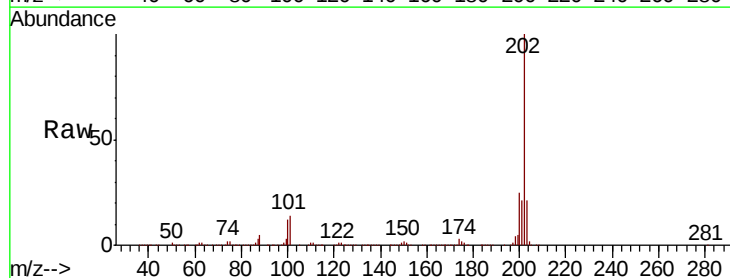
Instrument :
BNA_G
ClientSampled :

Tot Ion:184 Resp: 706452
Ion Ratio Lower Upper
184 100
185 16.2 13.0 19.4
183 13.7 11.0 16.4



#78
Pyrene
Concen: 39.933 ng
RT: 19.68 min Scan# 2824
Delta R.T. 0.00 min
Lab File: BG044542.D
Acq: 21 Feb 2020 10:21

Tgt Ion:202 Resp: 1338607
Ion Ratio Lower Upper
202 100
200 24.6 19.7 29.5
203 21.0 16.8 25.2





#79

Terphenyl-d14

Concen: 73.762 ng

RT: 19.89 min Scan# 2859

Delta R.T. 0.00 min

Lab File: BG044542.D

Acq: 21 Feb 2020 10:21

Instrument :

BNA_G

ClientSampleId :

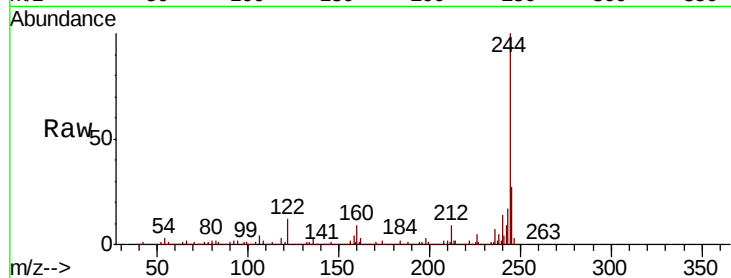
Tot Ion:244 Resp: 1871883

Ion Ratio Lower Upper

244 100

212 9.5 7.6 11.4

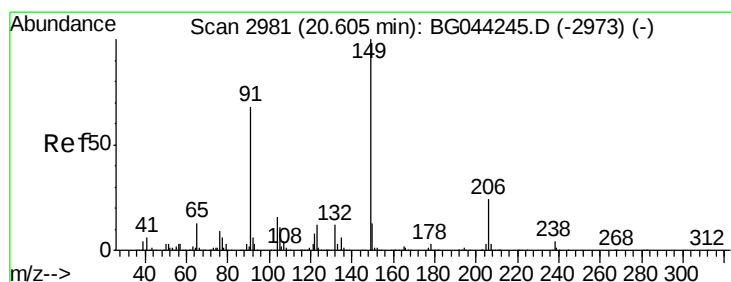
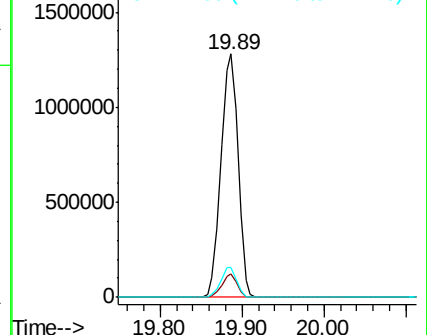
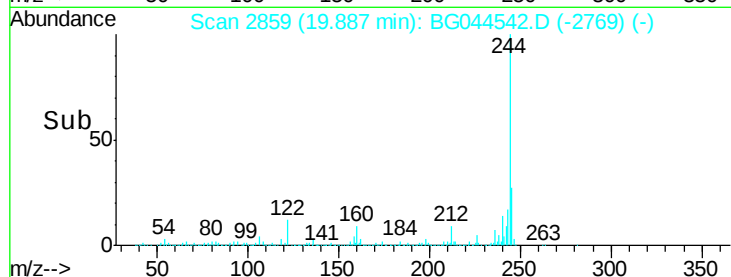
122 12.3 9.8 14.8



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: 39.976 ng

RT: 20.57 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG044542.D

Acq: 21 Feb 2020 10:21

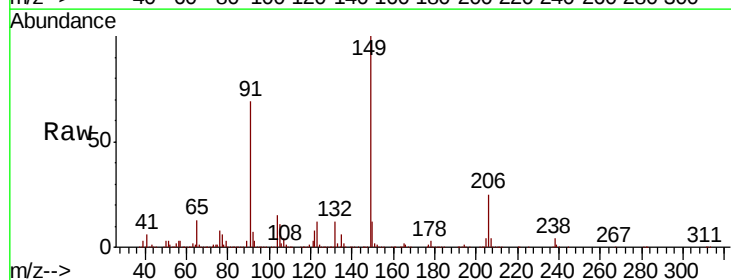
Tgt Ion:149 Resp: 610677

Ion Ratio Lower Upper

149 100

91 68.7 55.0 82.4

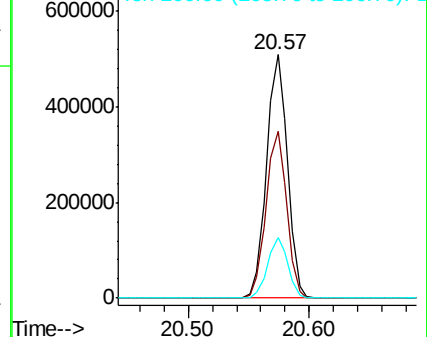
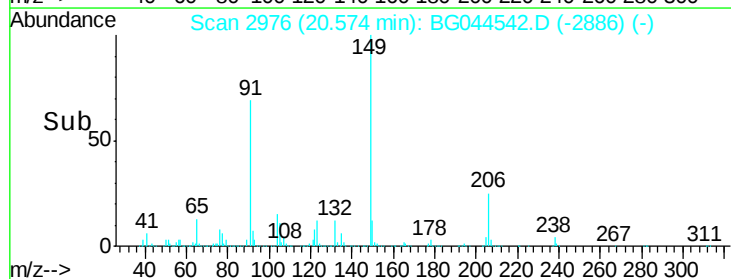
206 25.1 20.1 30.1

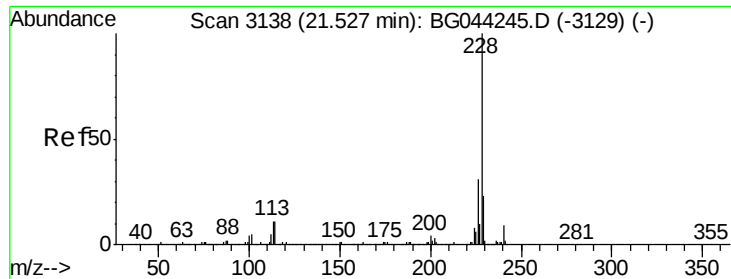


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

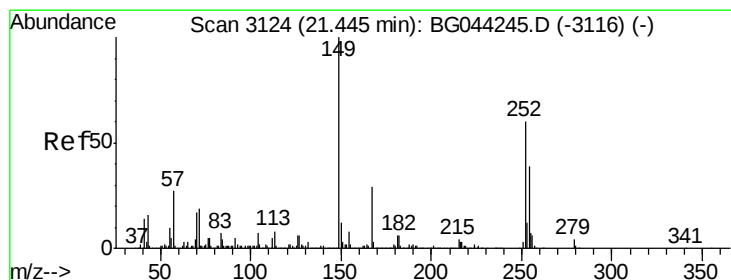
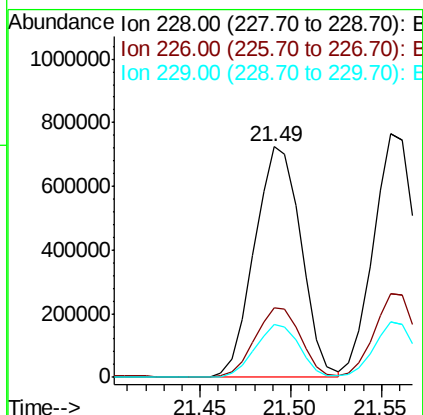
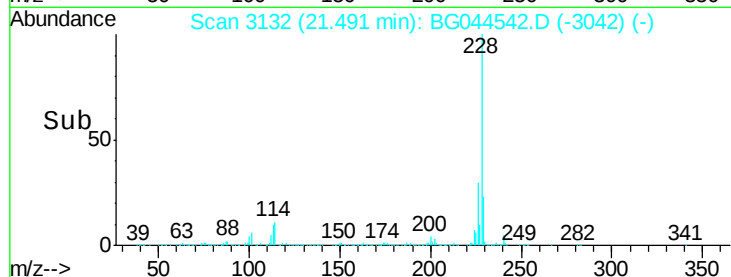
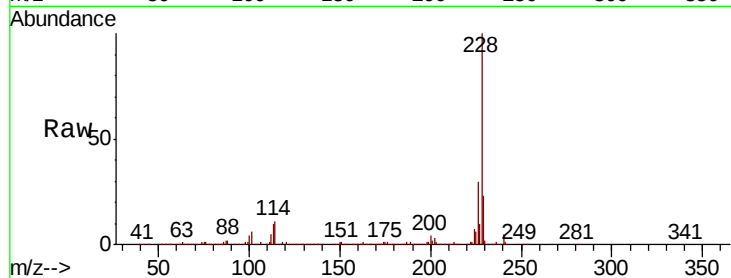




#81
Benzo(a)anthracene
Concen: 40.249 ng
RT: 21.49 min Scan# 3132
Delta R.T. 0.00 min
Lab File: BG044542.D
Acq: 21 Feb 2020 10:21

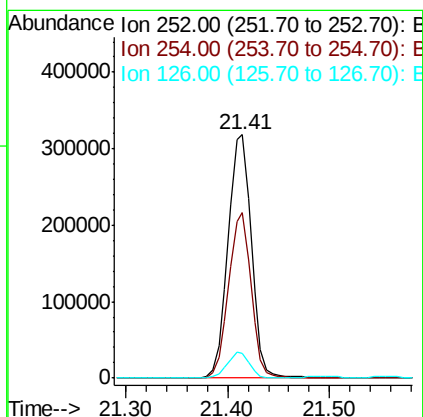
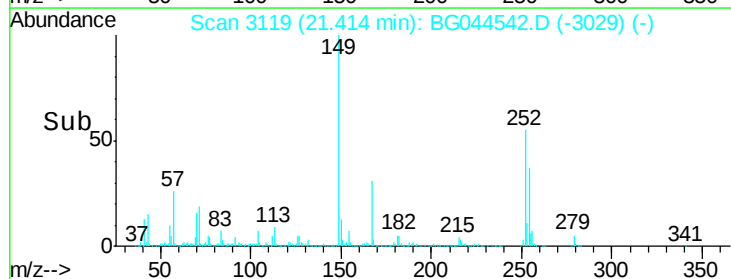
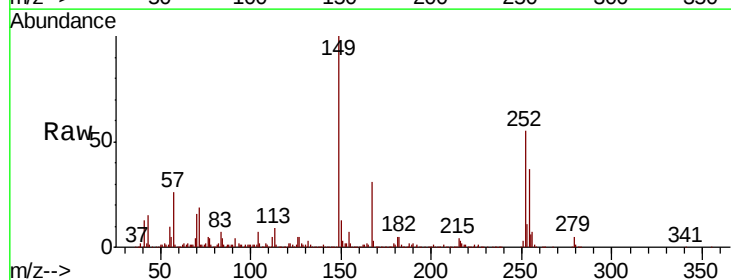
Instrument :
BNA_G
ClientSampleId :

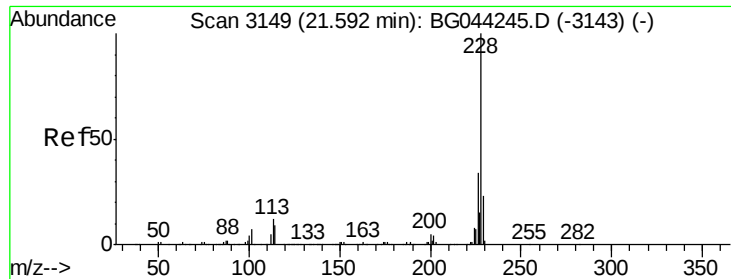
Tot Ion:228 Resp: 1294826
Ion Ratio Lower Upper
228 100
226 30.5 24.4 36.6
229 22.8 18.2 27.4



#82
3,3'-Dichlorobenzidine
Concen: 40.904 ng
RT: 21.41 min Scan# 3119
Delta R.T. 0.00 min
Lab File: BG044542.D
Acq: 21 Feb 2020 10:21

Tgt Ion:252 Resp: 510713
Ion Ratio Lower Upper
252 100
254 67.8 54.2 81.4
126 9.9 7.9 11.9

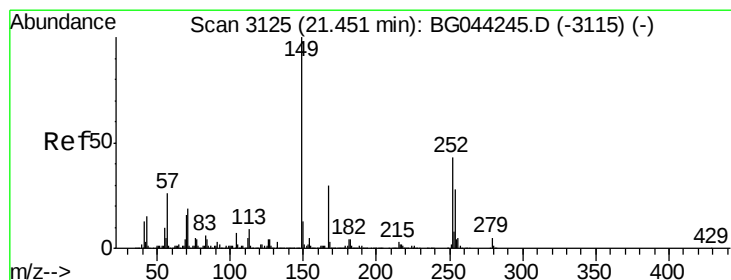
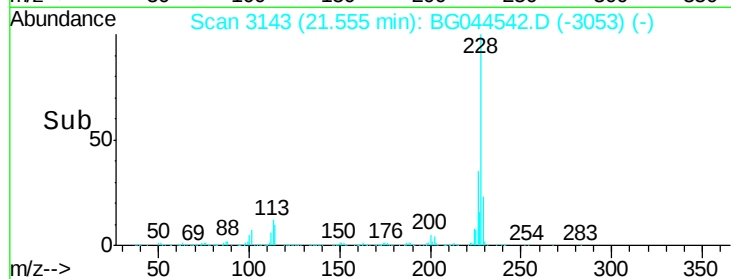
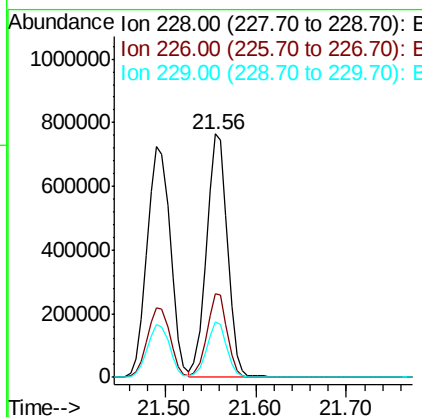
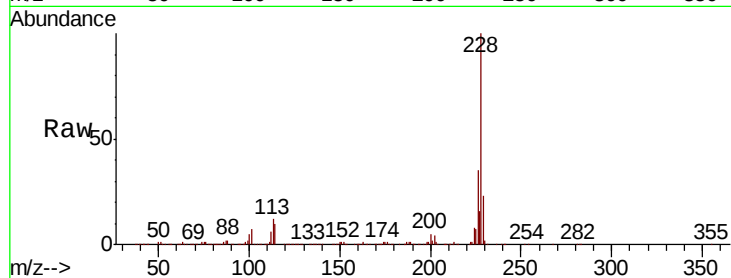




#83
 Chrvsene
 Concen: 39.502 ng
 RT: 21.56 min Scan# 3143
 Delta R.T. 0.00 min
 Lab File: BG044542.D
 Acq: 21 Feb 2020 10:21

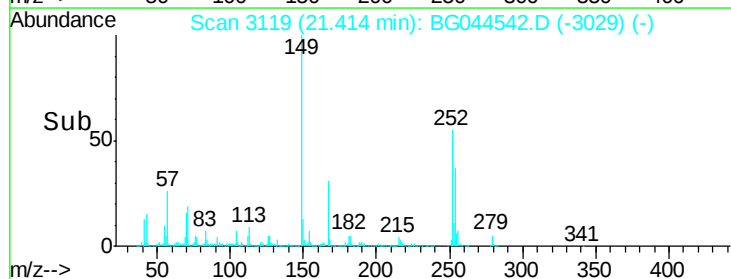
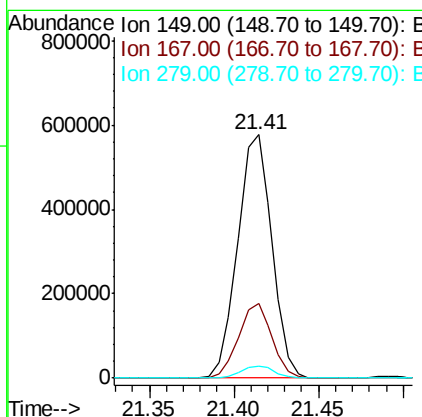
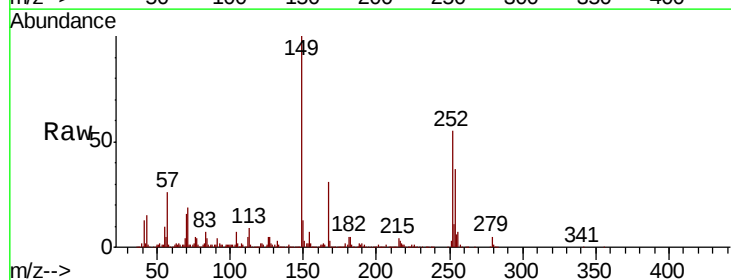
Instrument :
 BNA_G
 ClientSampled :

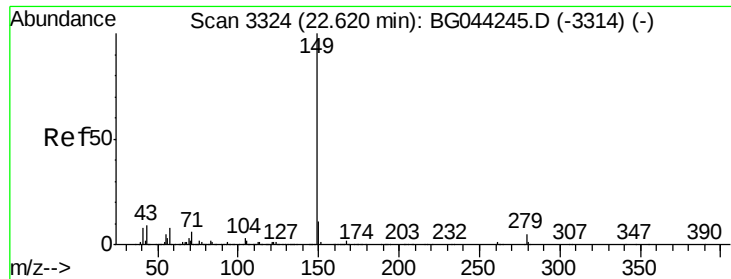
Tot Ion:228 Resp: 1228330
 Ion Ratio Lower Upper
 228 100
 226 34.6 27.7 41.5
 229 22.7 18.2 27.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.634 ng
 RT: 21.41 min Scan# 3119
 Delta R.T. 0.00 min
 Lab File: BG044542.D
 Acq: 21 Feb 2020 10:21

Tgt Ion:149 Resp: 812342
 Ion Ratio Lower Upper
 149 100
 167 30.9 24.7 37.1
 279 5.0 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 40.183 ng

RT: 22.57 min Scan# 3316

Delta R.T. 0.00 min

Lab File: BG044542.D

Acq: 21 Feb 2020 10:21

Instrument :

BNA_G

ClientSampleId :

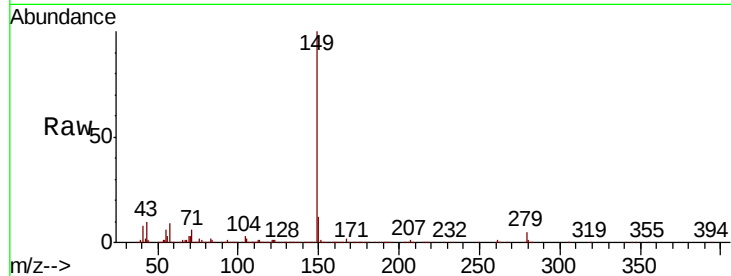
Tot Ion:149 Resp: 1461872

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

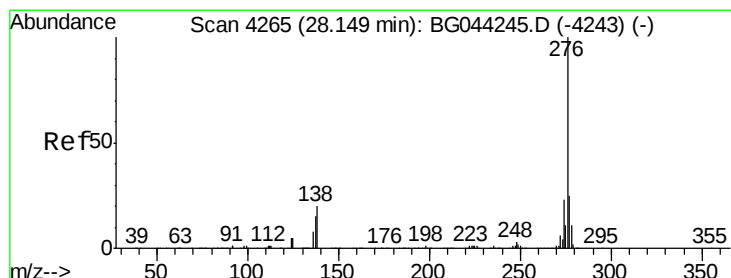
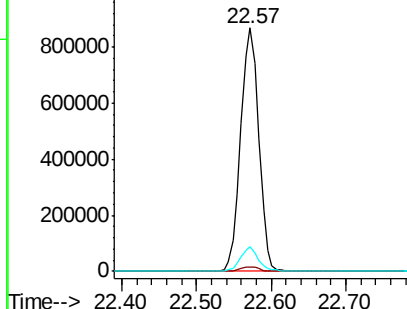
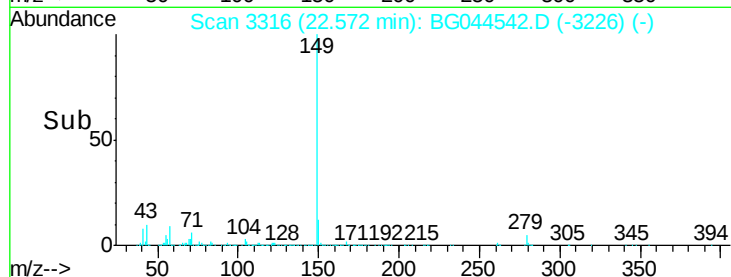
43 9.5 7.6 11.4



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): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.241 ng

RT: 28.07 min Scan# 4251

Delta R.T. 0.00 min

Lab File: BG044542.D

Acq: 21 Feb 2020 10:21

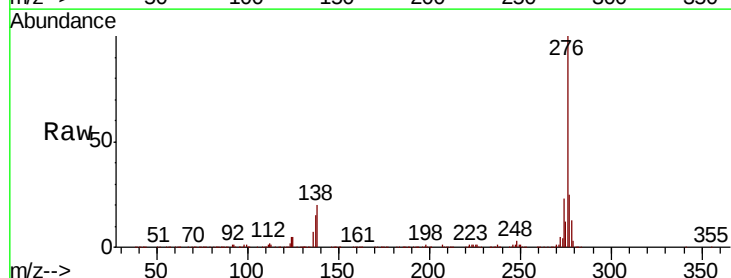
Tgt Ion:276 Resp: 1632519

Ion Ratio Lower Upper

276 100

138 23.4 18.7 28.1

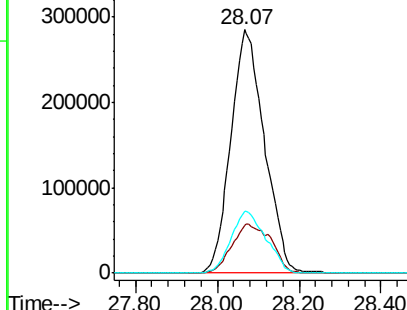
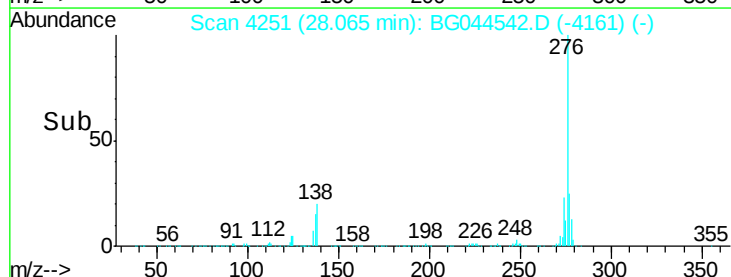
277 26.3 21.0 31.6

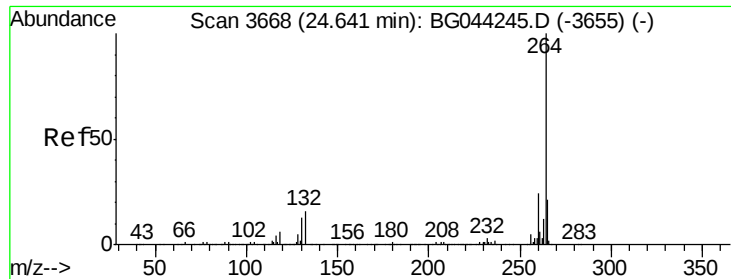


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.58 min Scan# 3658

Delta R.T. 0.00 min

Lab File: BG044542.D

Acq: 21 Feb 2020 10:21

Instrument :

BNA_G

ClientSampleId :

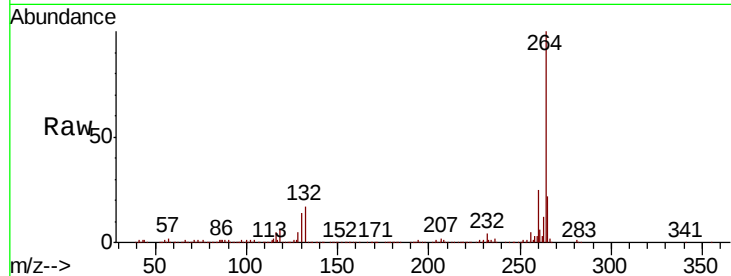
Tot Ion:264 Resp: 577797

Ion Ratio Lower Upper

264 100

260 24.8 19.8 29.8

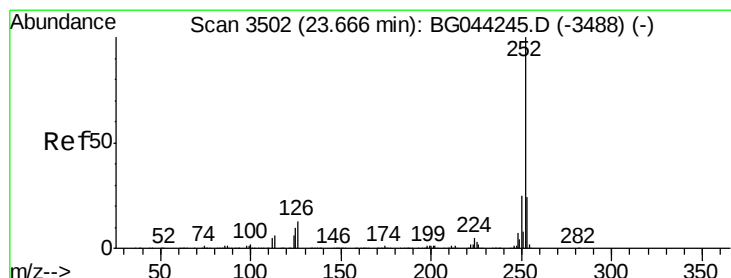
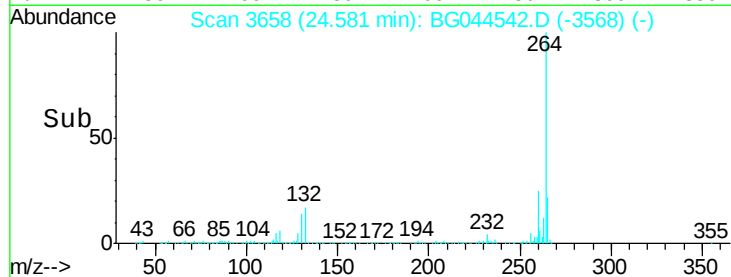
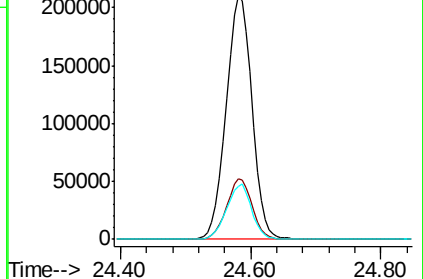
265 22.0 17.6 26.4



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: 42.273 ng

RT: 23.61 min Scan# 3493

Delta R.T. 0.00 min

Lab File: BG044542.D

Acq: 21 Feb 2020 10:21

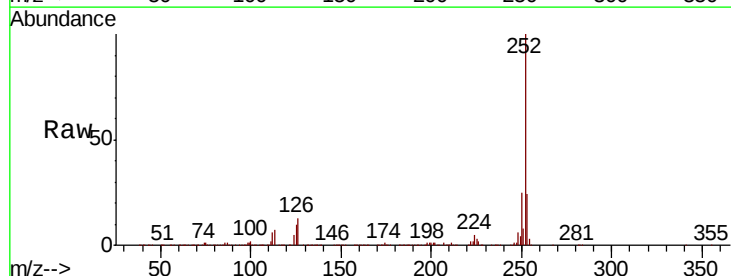
Tgt Ion:252 Resp: 1407453

Ion Ratio Lower Upper

252 100

253 23.9 19.1 28.7

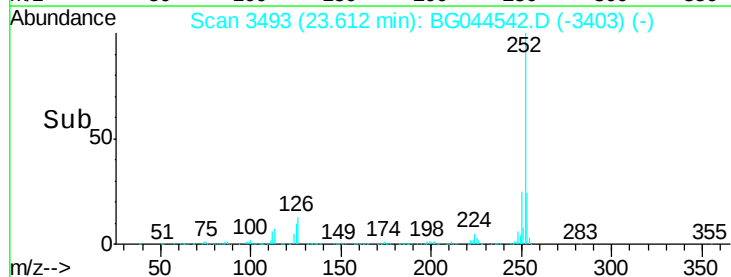
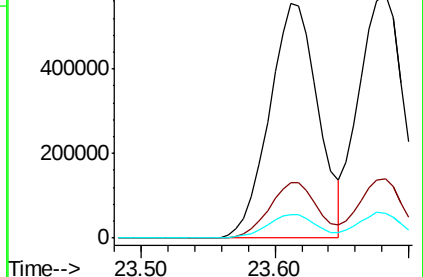
125 10.1 8.1 12.1

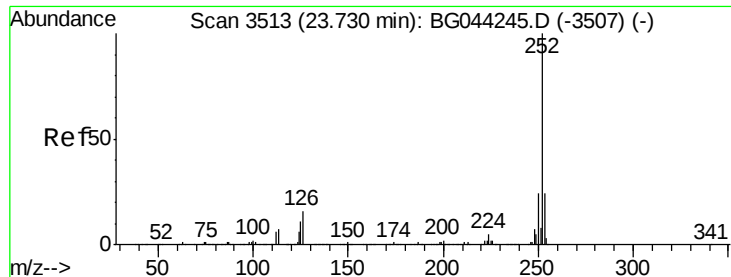


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

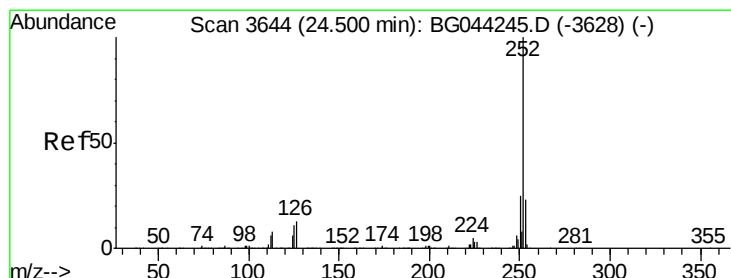
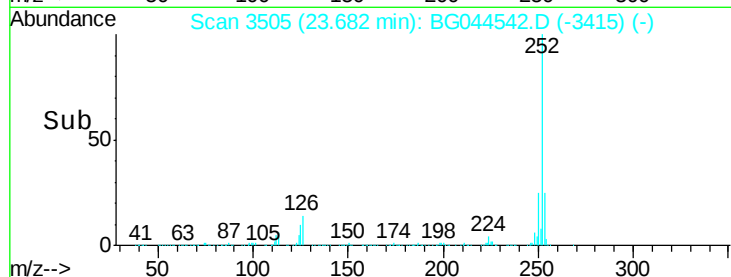
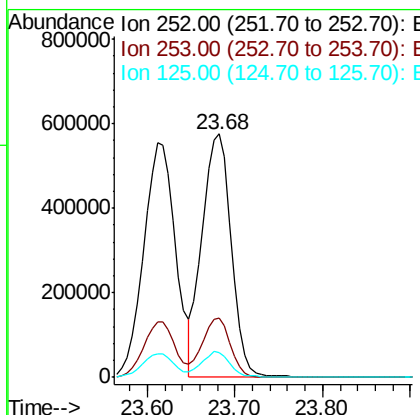
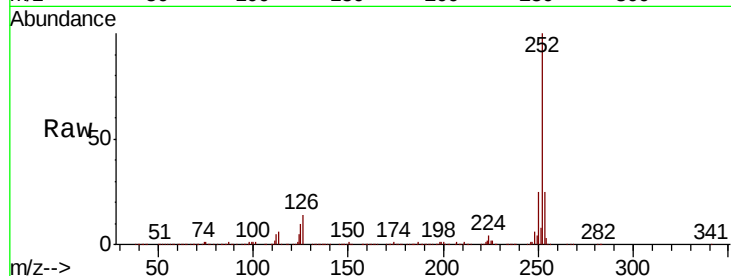




#89
Benzo(k)fluoranthene
Concen: 41.244 ng
RT: 23.68 min Scan# 3505
Delta R.T. 0.00 min
Lab File: BG044542.D
Acq: 21 Feb 2020 10:21

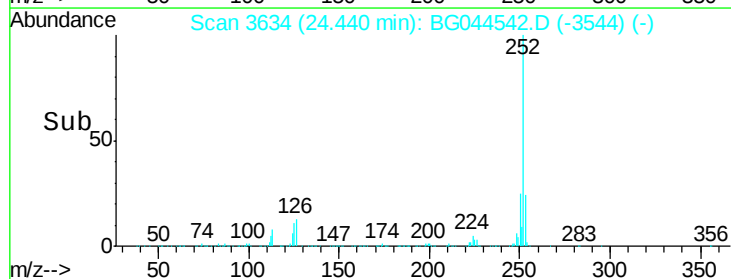
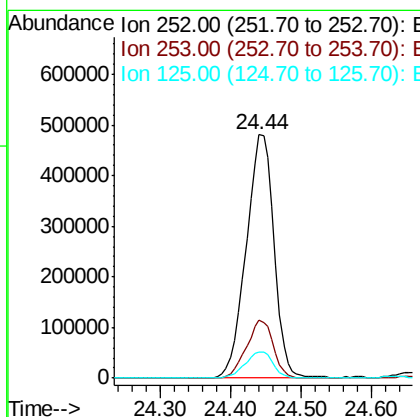
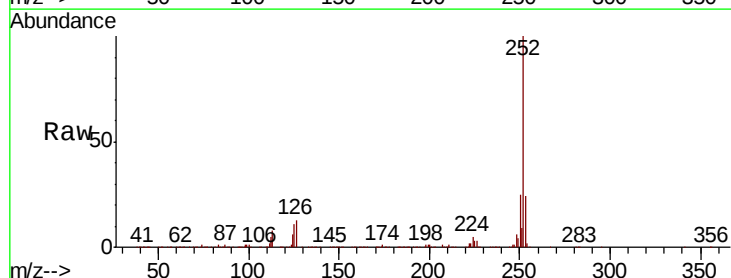
Instrument :
BNA_G
ClientSampleId :

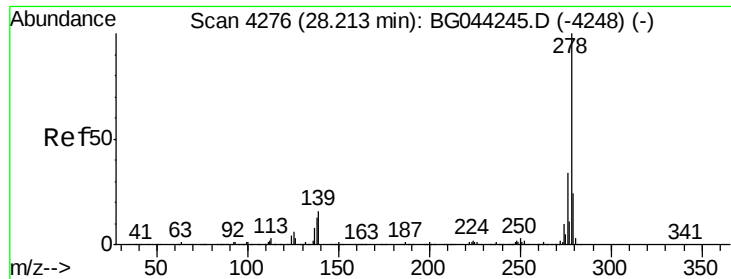
Tot Ion:252 Resp: 1338387
Ion Ratio Lower Upper
252 100
253 24.5 19.6 29.4
125 9.9 7.9 11.9



#90
Benzo(a)pyrene
Concen: 42.034 ng
RT: 24.44 min Scan# 3634
Delta R.T. 0.00 min
Lab File: BG044542.D
Acq: 21 Feb 2020 10:21

Tgt Ion:252 Resp: 1323211
Ion Ratio Lower Upper
252 100
253 23.6 18.9 28.3
125 10.9 8.7 13.1



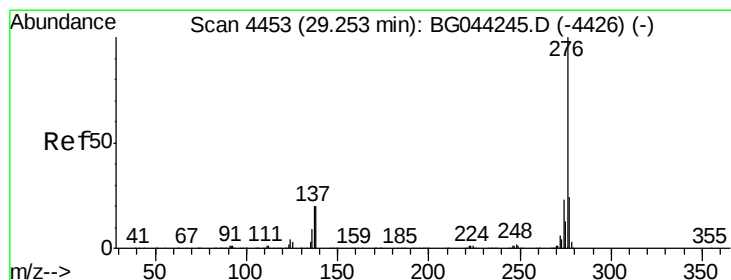
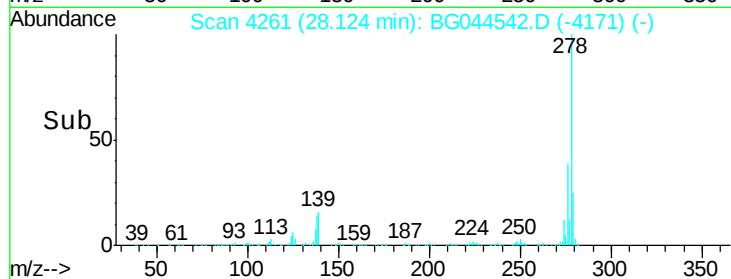
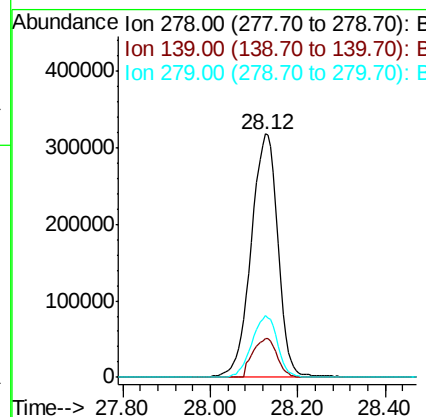
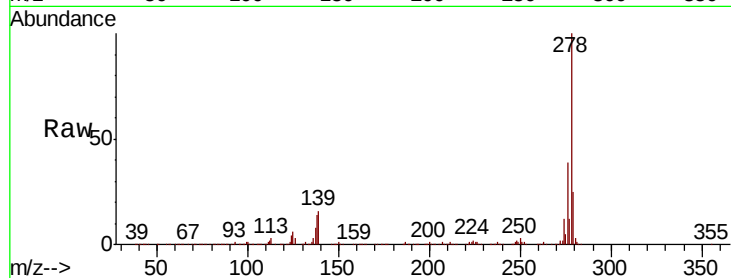


#91
Dibenzo(a,h)anthracene
Concen: 42.172 ng
RT: 28.12 min Scan# 4261
Delta R.T. 0.00 min
Lab File: BG044542.D
Acq: 21 Feb 2020 10:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1313859

Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.7	19.1
279	25.2	20.2	30.2



#92
Benzo(g,h,i)perylene
Concen: 42.223 ng
RT: 29.15 min Scan# 4436
Delta R.T. 0.00 min
Lab File: BG044542.D
Acq: 21 Feb 2020 10:21

Tgt Ion:276 Resp: 1316827

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.8	29.8
138	20.5	16.4	24.6

