

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
 Data File : BG044303.D
 Acq On : 5 Feb 2020 14:09
 Operator : CG/JU
 Sample : PB126601BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 06 01:09:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	84333	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	386839	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	271742	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	610713	20.00	ng	0.00
76) Chrysene-d12	21.55	240	540833	20.00	ng	0.00
87) Perylene-d12	24.64	264	499326	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	614847	128.67	ng	0.00
7) Phenol-d6	7.09	99	828460	129.11	ng	0.00
23) Nitrobenzene-d5	9.07	82	503951	73.55	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	368481	115.51	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1180883	72.77	ng	0.00
79) Terphenyl-d14	19.92	244	1844461	70.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.38	88	78088	36.372	ng	99
3) Pyridine	3.77	79	189263	33.088	ng	96
4) n-Nitrosodimethylamine	3.69	42	98569	41.239	ng	98
6) Aniline	7.24	93	262135	32.911	ng	98
8) 2-Chlorophenol	7.48	128	262542	49.992	ng	97
9) Benzaldehyde	7.05	77	81205	22.220	ng	97
10) Phenol	7.11	94	328885	51.789	ng	98
11) bis(2-Chloroethyl)ether	7.34	93	238516	43.932	ng	97
12) 1,3-Dichlorobenzene	7.81	146	260677	41.573	ng	99
13) 1,4-Dichlorobenzene	7.95	146	262198	42.220	ng	100
14) 1,2-Dichlorobenzene	8.27	146	250969	42.754	ng	98
15) Benzyl Alcohol	8.15	79	221260	48.704	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.45	45	305267	41.542	ng	99
17) 2-Methylphenol	8.36	107	233064	51.438	ng	96
18) Hexachloroethane	9.00	117	96269	41.309	ng	96
19) n-Nitroso-di-n-propylamine	8.72	70	187885	43.934	ng	98
20) 3+4-Methylphenols	8.69	107	322775	51.691	ng	97
22) Acetophenone	8.73	105	359014	38.150	ng	100
24) Nitrobenzene	9.12	77	271027	40.517	ng	98
25) Isophorone	9.64	82	525434	41.142	ng	98
26) 2-Nitrophenol	9.83	139	153652	44.268	ng	98
27) 2,4-Dimethylphenol	9.90	122	262515	53.578	ng	99
28) bis(2-Chloroethoxy)methane	10.12	93	336319	39.476	ng	99
29) 2,4-Dichlorophenol	10.37	162	275716	46.538	ng	99
30) 1,2,4-Trichlorobenzene	10.58	180	263020	38.718	ng	98
31) Naphthalene	10.77	128	777461	41.424	ng	100
32) Benzoic acid	10.05	122	127678	42.053	ng	97
33) 4-Chloroaniline	10.87	127	200796	23.524	ng	98
34) Hexachlorobutadiene	11.06	225	149578	35.783	ng	99
35) Caprolactam	11.64	113	72129	33.235	ng	97
36) 4-Chloro-3-methylphenol	12.01	107	302332	48.672	ng	99
37) 2-Methylnaphthalene	12.38	142	593044	42.558	ng	99
38) 1-Methylnaphthalene	12.59	142	564919	43.000	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	292223	35.950	ng	99

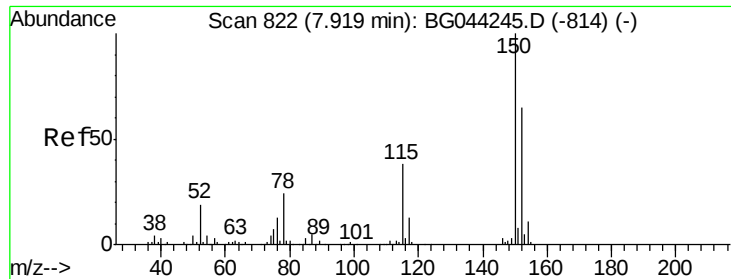
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
 Data File : BG044303.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	272261	69.804	ng	97
43) 2,4,6-Trichlorophenol	12.99	196	229271	43.636	ng	97
44) 2,4,5-Trichlorophenol	13.06	196	248041	46.219	ng	99
46) 1,1'-Biphenyl	13.39	154	769839	39.275	ng	99
47) 2-Chloronaphthalene	13.43	162	596579	38.248	ng	99
48) 2-Nitroaniline	13.63	65	191478	41.597	ng	99
49) Acenaphthylene	14.27	152	962817	42.086	ng	99
50) Dimethylphthalate	14.01	163	802225	41.069	ng	100
51) 2,6-Dinitrotoluene	14.13	165	187360	43.018	ng	97
52) Acenaphthene	14.62	154	593524	40.026	ng	97
53) 3-Nitroaniline	14.45	138	144437	29.975	ng	100
54) 2,4-Dinitrophenol	14.66	184	219308	84.505	ng	99
55) Dibenzofuran	14.96	168	943044	42.005	ng	99
56) 4-Nitrophenol	14.77	139	345481	97.881	ng	99
57) 2,4-Dinitrotoluene	14.92	165	267748	43.862	ng	95
58) Fluorene	15.60	166	751096	42.475	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	223548	46.116	ng	99
60) Diethylphthalate	15.38	149	810406	41.637	ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	392909	40.980	ng	98
62) 4-Nitroaniline	15.62	138	189044	39.263	ng	97
63) Azobenzene	15.89	77	729461	42.762	ng	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	160224	47.528	ng	98
66) n-Nitrosodiphenylamine	15.81	169	714371	41.740	ng	98
67) 4-Bromophenyl-phenylether	16.49	248	265179	39.855	ng	99
68) Hexachlorobenzene	16.61	284	288370	38.685	ng	99
69) Atrazine	16.76	200	268850	45.831	ng	97
70) Pentachlorophenol	16.95	266	323054	85.477	ng	98
71) Phenanthrene	17.34	178	1208051	40.850	ng	99
72) Anthracene	17.44	178	1229856	42.064	ng	99
73) Carbazole	17.70	167	1116321	41.416	ng	99
74) Di-n-butylphthalate	18.26	149	1353772	40.644	ng	99
75) Fluoranthene	19.35	202	1405005	41.070	ng	99
77) Benzidine	19.53	184	275264	18.349	ng	97
78) Pyrene	19.71	202	1426942	41.084	ng	98
80) Butylbenzylphthalate	20.60	149	644004	40.688	ng	99
81) Benzo(a)anthracene	21.53	228	1369722	41.093	ng	100
82) 3,3'-Dichlorobenzidine	21.44	252	444357	34.349	ng	100
83) Chrysene	21.59	228	1310680	40.681	ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	887463	40.736	ng	100
85) Di-n-octyl phthalate	22.62	149	1566886	41.568	ng	100
86) Indeno(1,2,3-cd)pyrene	28.15	276	1703206	40.520	ng	100
88) Benzo(b)fluoranthene	23.67	252	1450645	50.417	ng	99
89) Benzo(k)fluoranthene	23.73	252	1444545	51.512	ng	100
90) Benzo(a)pyrene	24.50	252	1337433	49.162	ng	98
91) Dibenzo(a,h)anthracene	28.22	278	1405940	52.220	ng	100
92) Benzo(g,h,i)perylene	29.25	276	1424264	52.844	ng	98

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

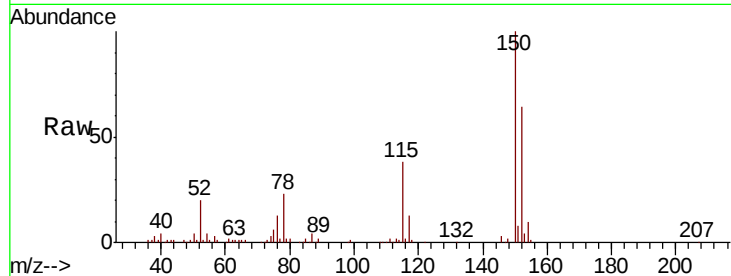


#1

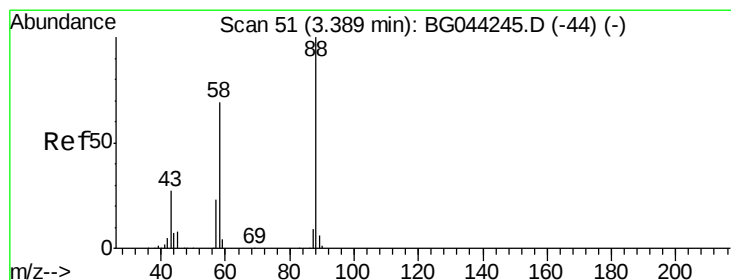
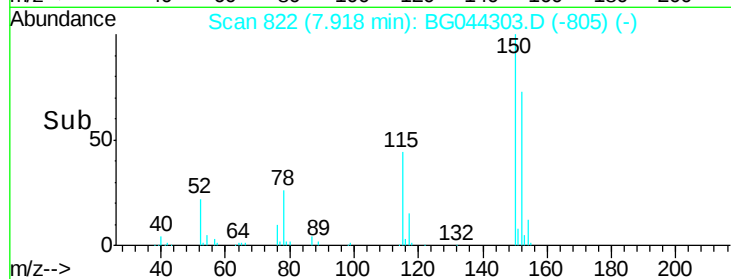
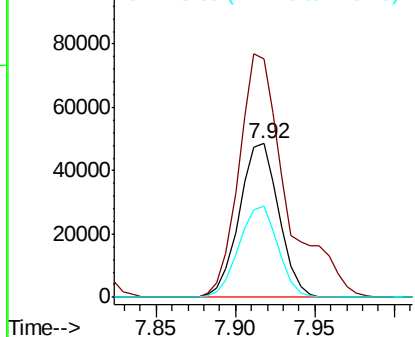
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 84333
Ion Ratio Lower Upper
152 100
150 155.5 122.6 183.8
115 59.7 46.0 69.0



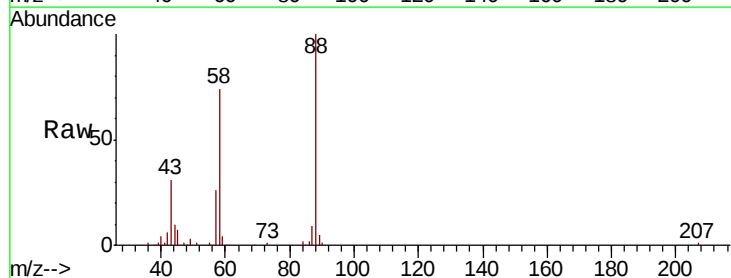
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



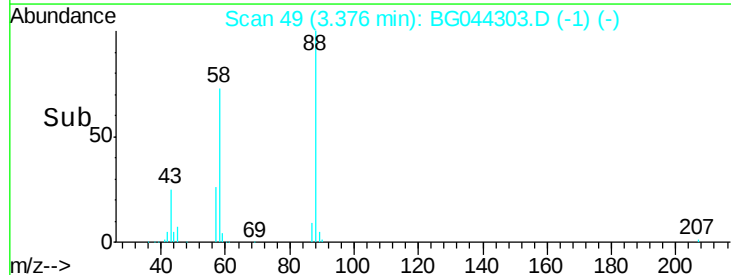
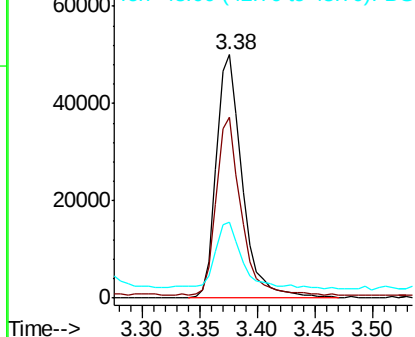
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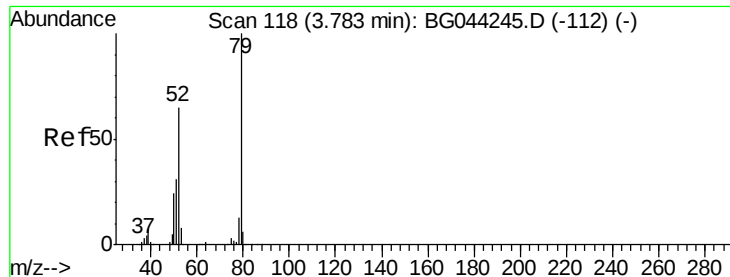
1,4-Dioxane
Concen: 36.372 ng
RT: 3.38 min Scan# 49
Delta R.T. -0.01 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Tgt Ion: 88 Resp: 78088
Ion Ratio Lower Upper
88 100
58 69.4 55.8 83.6
43 25.8 21.6 32.4



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





#3

Pvridine

Concen: 33.088 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.01 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

Instrument :

BNA_G

ClientSampleId :

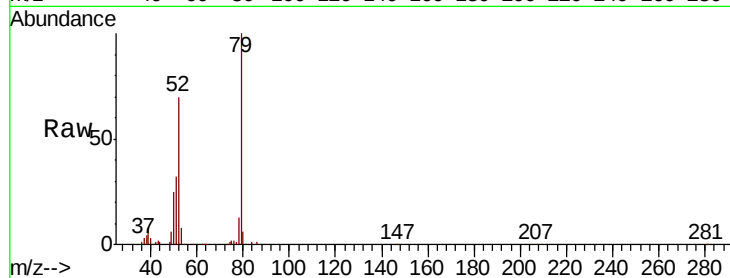
Tot Ion: 79 Resp: 189263

Ion Ratio Lower Upper

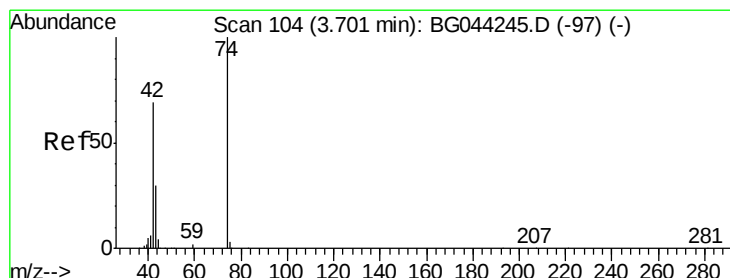
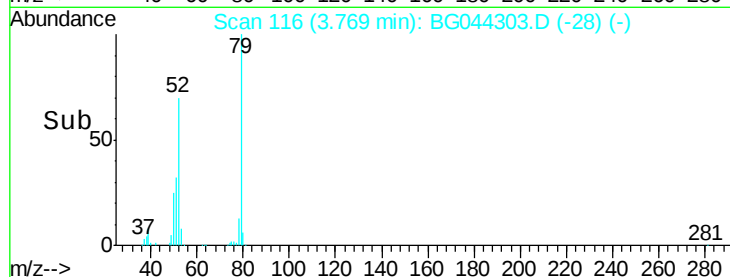
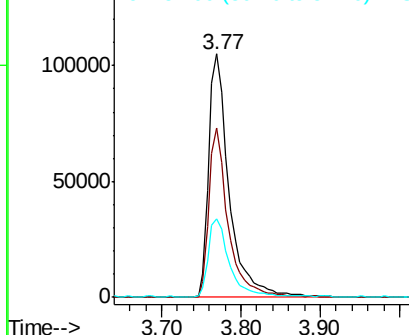
79 100

52 69.6 51.9 77.9

51 32.2 25.3 37.9



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



#4

n-Nitrosodimethylamine

Concen: 41.239 ng

RT: 3.69 min Scan# 102

Delta R.T. -0.01 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

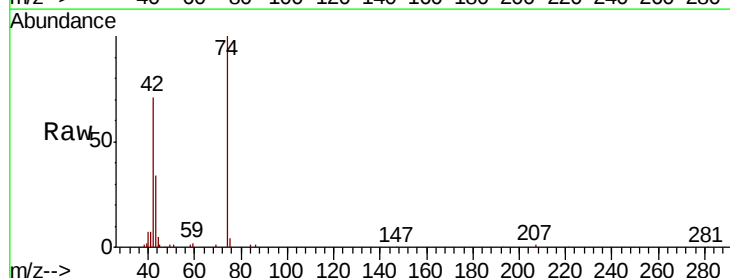
Tgt Ion: 42 Resp: 98569

Ion Ratio Lower Upper

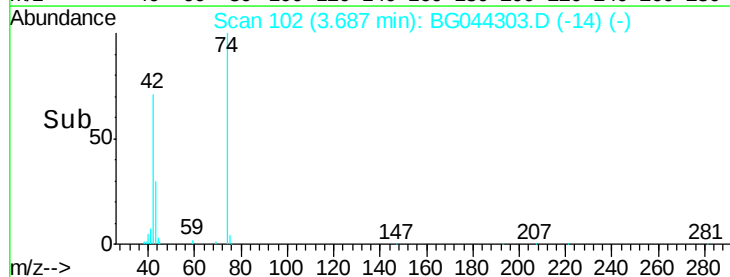
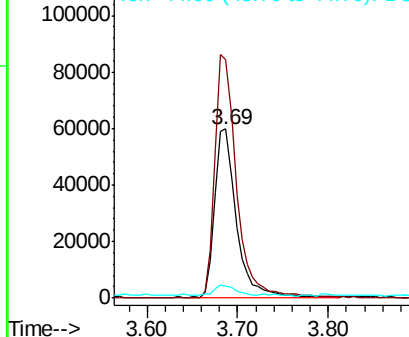
42 100

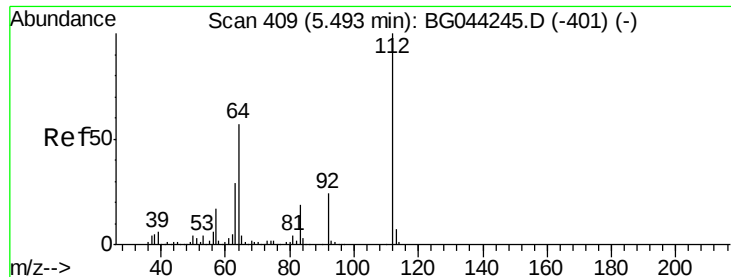
74 140.8 115.1 172.7

44 7.4 5.6 8.4



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





#5

2-Fluorophenol

Concen: 128.669 ng

RT: 5.49 min Scan# 409

Delta R.T. -0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

Instrument :

BNA_G

ClientSampleId :

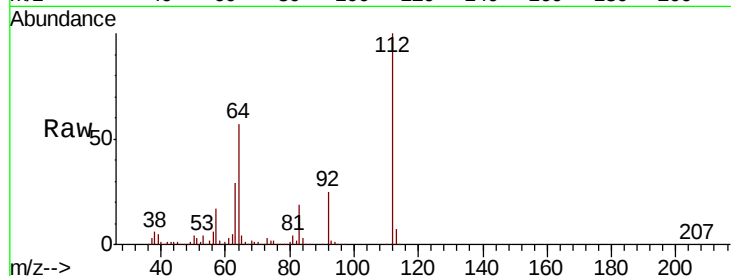
Tot Ion:112 Resp: 614847

Ion Ratio Lower Upper

112 100

64 57.4 45.4 68.2

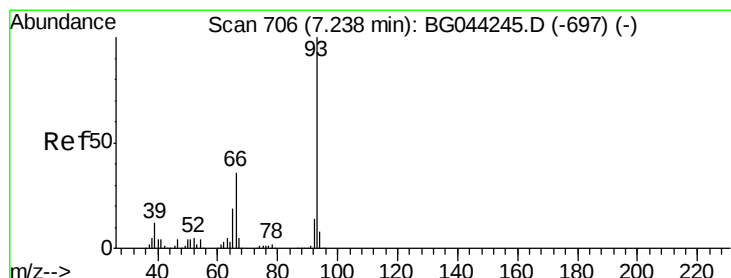
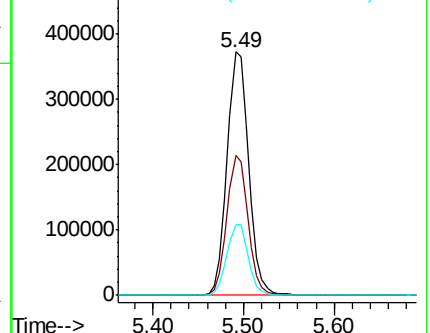
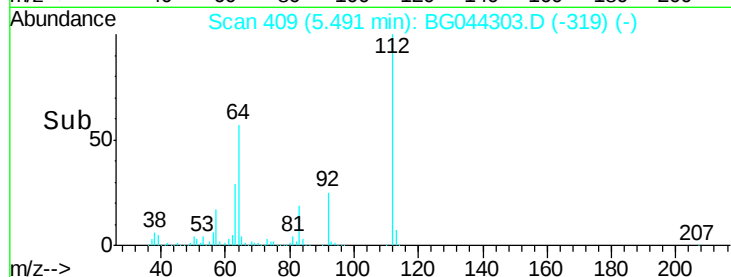
63 29.2 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 32.911 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

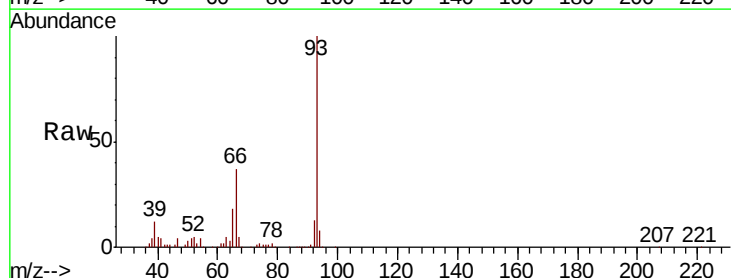
Tgt Ion: 93 Resp: 262135

Ion Ratio Lower Upper

93 100

66 36.8 28.7 43.1

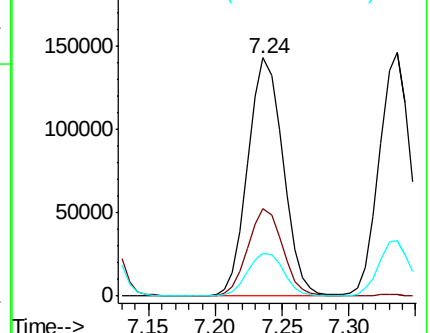
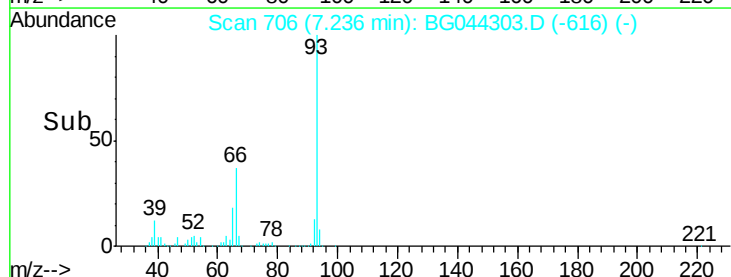
65 18.1 15.4 23.0

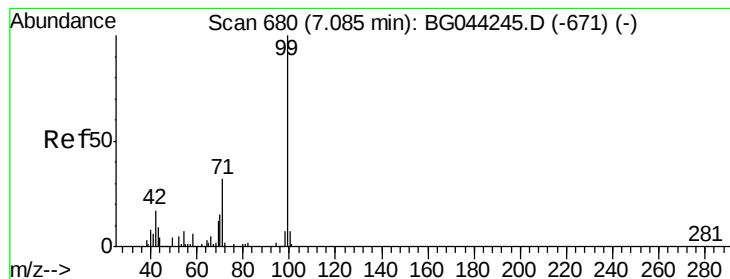


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 129.108 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

Instrument :

BNA_G

ClientSampleId :

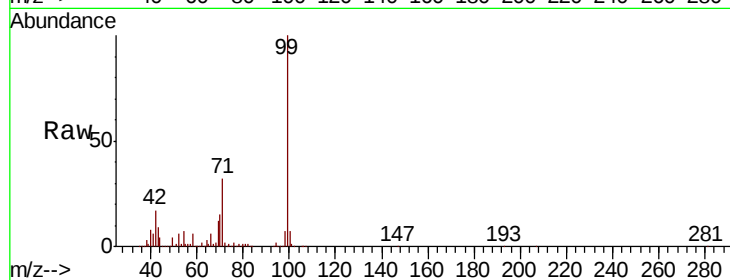
Tot Ion: 99 Resp: 828460

Ion Ratio Lower Upper

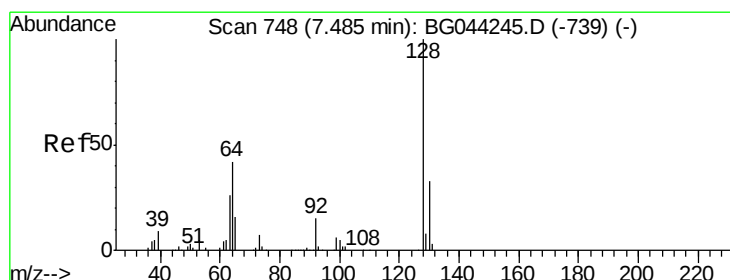
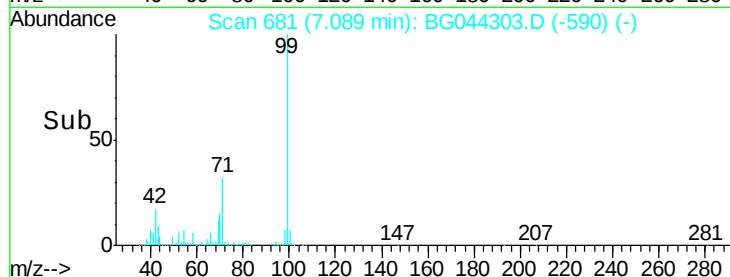
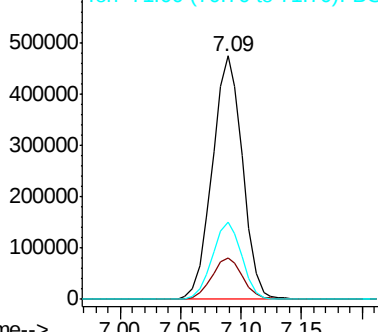
99 100

42 17.0 13.8 20.6

71 31.8 25.5 38.3



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



#8

2-Chlorophenol

Concen: 49.992 ng

RT: 7.48 min Scan# 748

Delta R.T. -0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

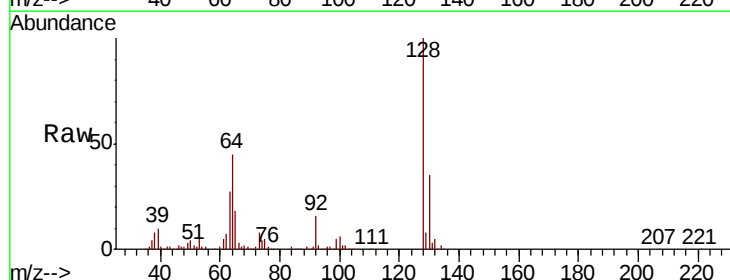
Tgt Ion:128 Resp: 262542

Ion Ratio Lower Upper

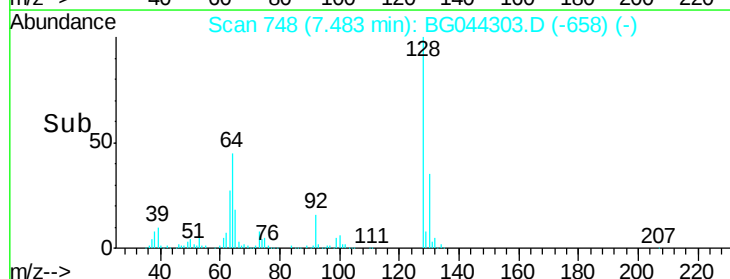
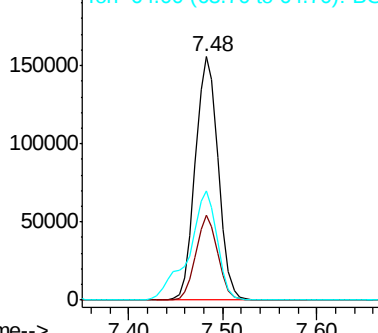
128 100

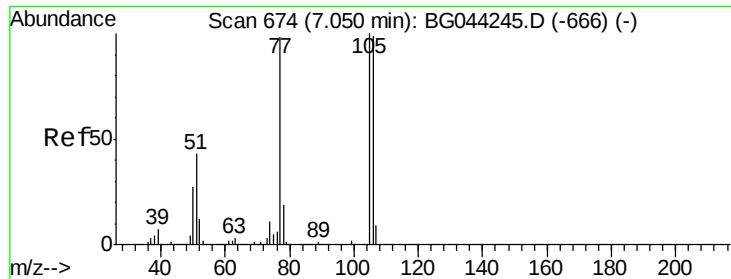
130 35.1 12.5 52.5

64 44.9 24.2 64.2



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





#9

Benzaldehyde

Concen: 22.220 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

Instrument :

BNA_G

ClientSampleId :

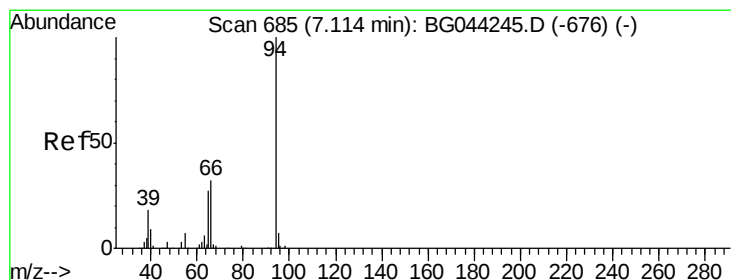
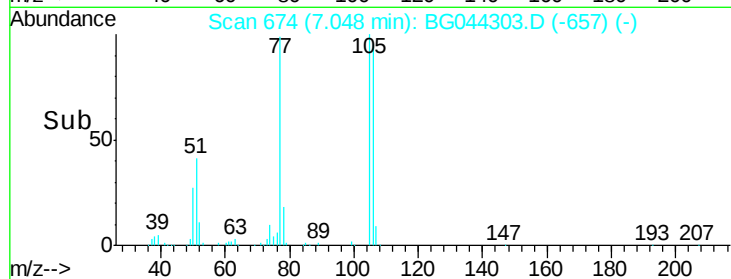
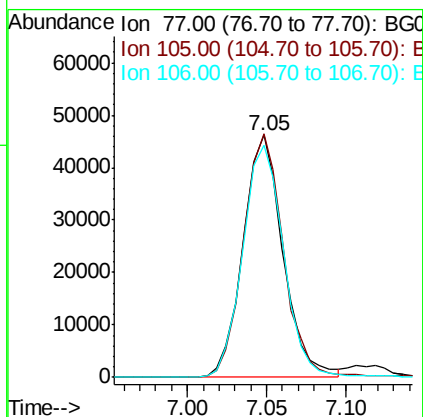
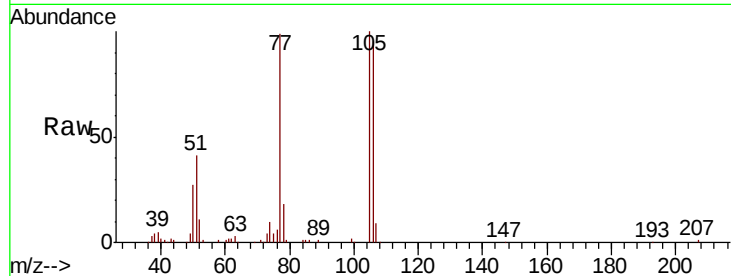
Tot Ion: 77 Resp: 81205

Ion Ratio Lower Upper

77 100

105 100.6 82.0 122.0

106 95.9 80.7 120.7



#10

Phenol

Concen: 51.789 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

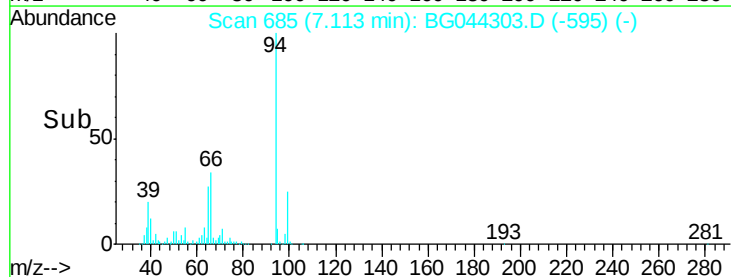
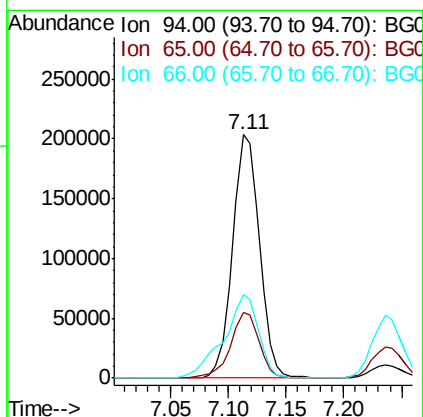
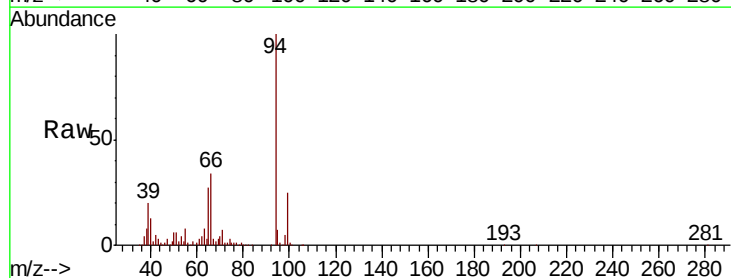
Tgt Ion: 94 Resp: 328885

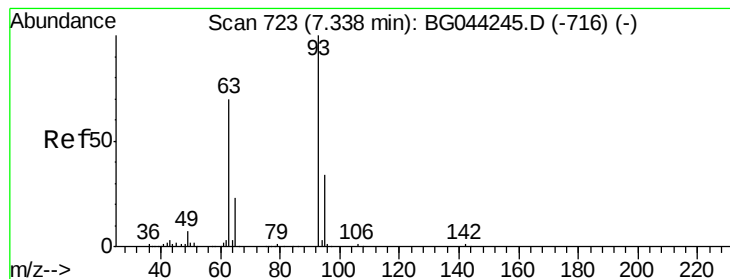
Ion Ratio Lower Upper

94 100

65 26.9 7.0 47.0

66 34.4 12.7 52.7

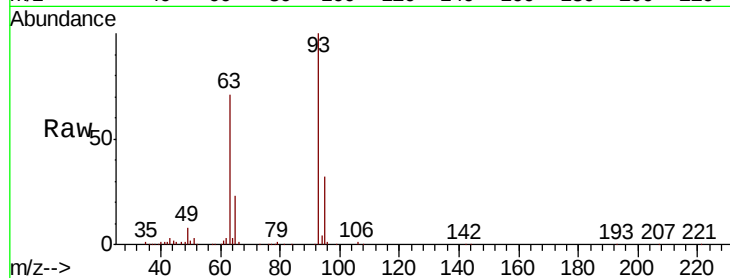




#11
bis(2-Chloroethyl)ether
Concen: 43.932 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion	93	63	95
Resp:	238516		
Ratio	100	71.5	31.9
Lower		49.2	13.6
Upper		89.2	53.6

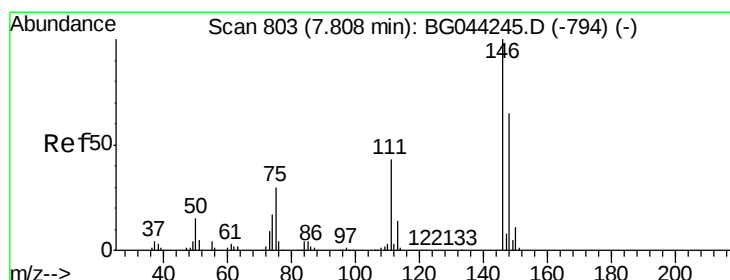
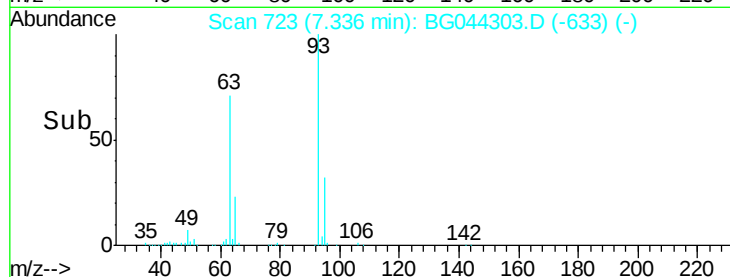
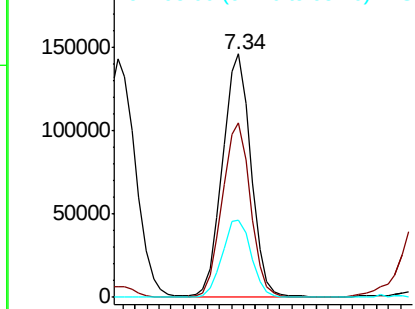


Abundance

Ion 93.00 (92.70 to 93.70): BGC

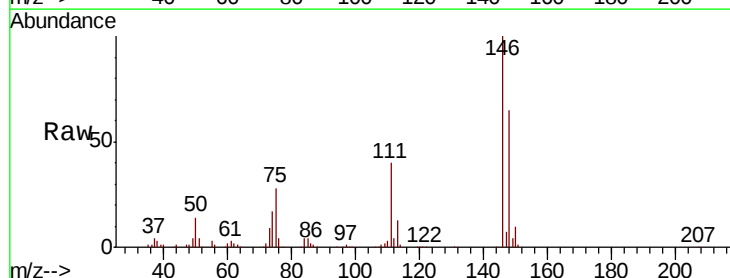
Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12
1,3-Dichlorobenzene
Concen: 41.573 ng
RT: 7.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Tgt Ion	146	148	75
Resp:	260677		
Ratio	100	65.4	28.5
Lower		51.8	23.7
Upper		77.8	35.5

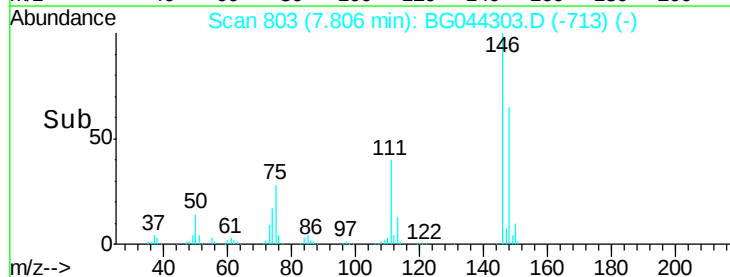
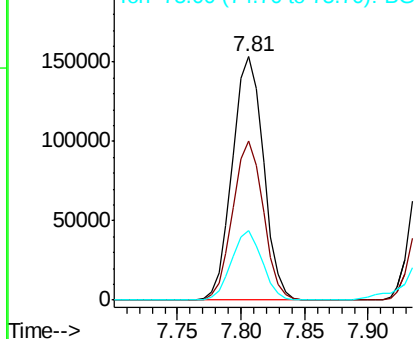


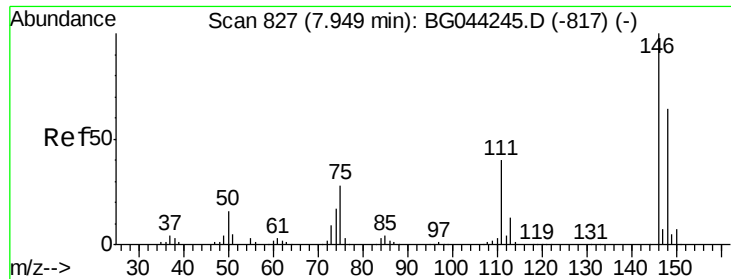
Abundance

Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC

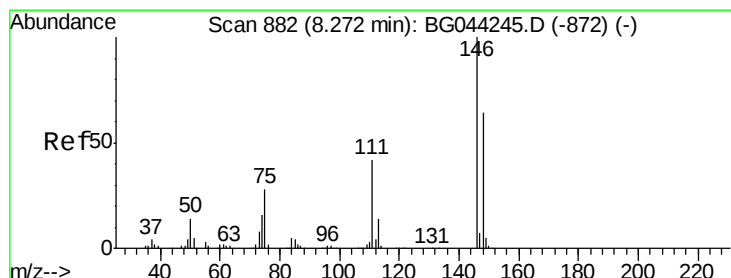
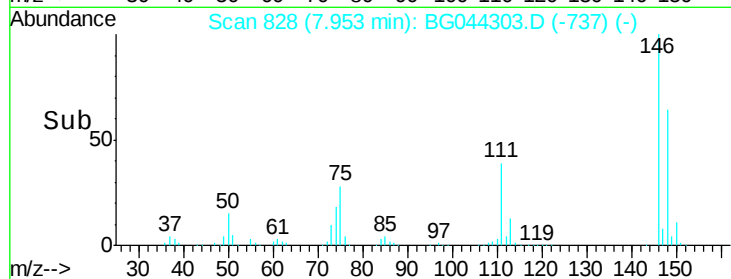
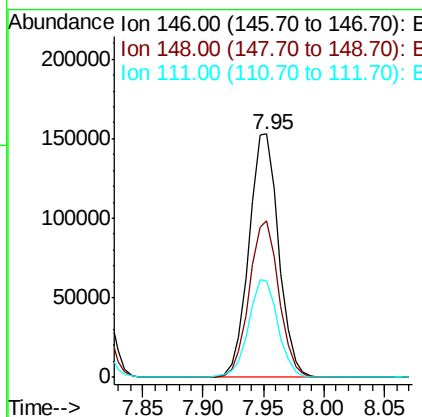
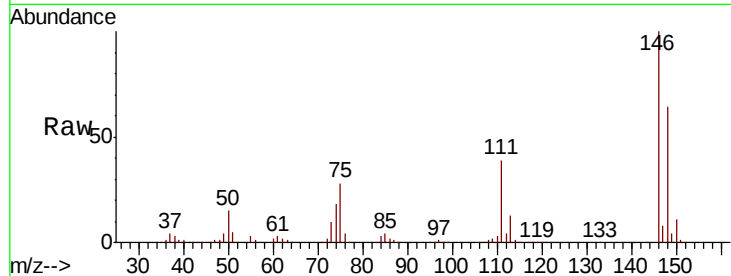




#13
 1,4-Dichlorobenzene
 Concen: 42.220 ng
 RT: 7.95 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BG044303.D
 Acq: 5 Feb 2020 14:09

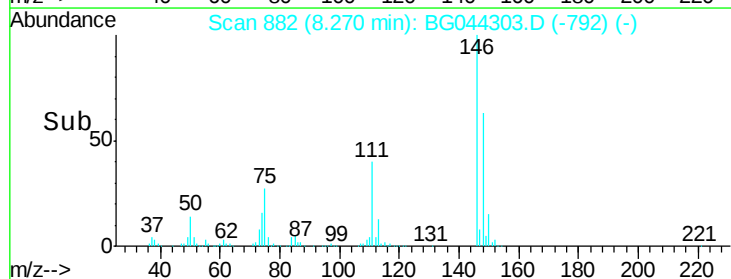
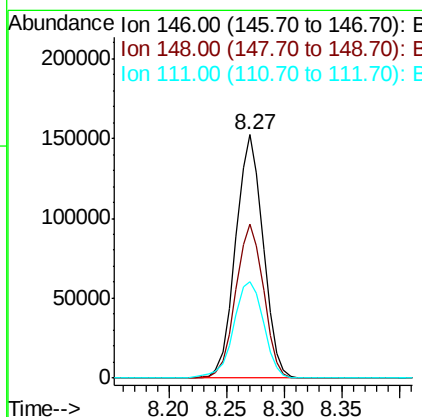
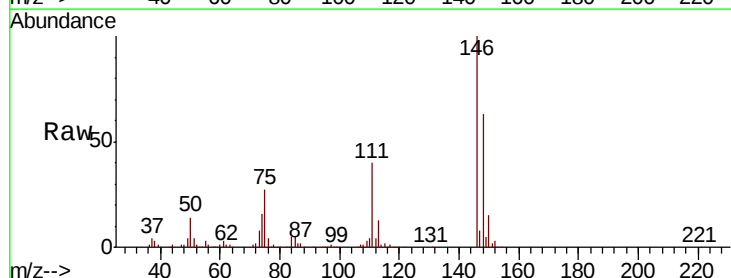
Instrument :
 BNA_G
 ClientSampleId :

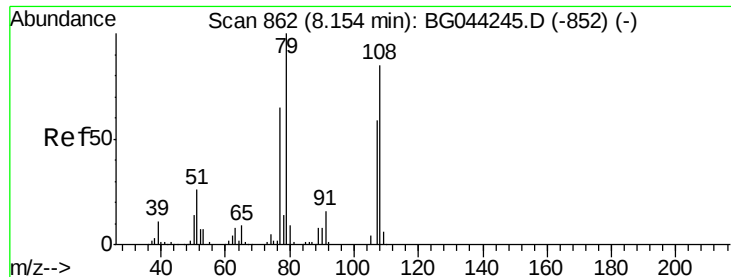
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.4	77.0
111	39.4	31.8	47.8



#14
 1,2-Dichlorobenzene
 Concen: 42.754 ng
 RT: 8.27 min Scan# 882
 Delta R.T. -0.00 min
 Lab File: BG044303.D
 Acq: 5 Feb 2020 14:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.2	76.8
111	39.9	34.0	51.0





#15

Benzyl Alcohol

Concen: 48.704 ng

RT: 8.15 min Scan# 862

Delta R.T. -0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

Instrument :

BNA_G

ClientSampleId :

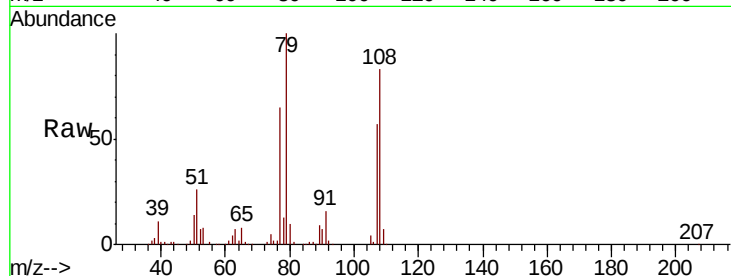
Tot Ion: 79 Resp: 221260

Ion Ratio Lower Upper

79 100

108 83.3 68.3 102.5

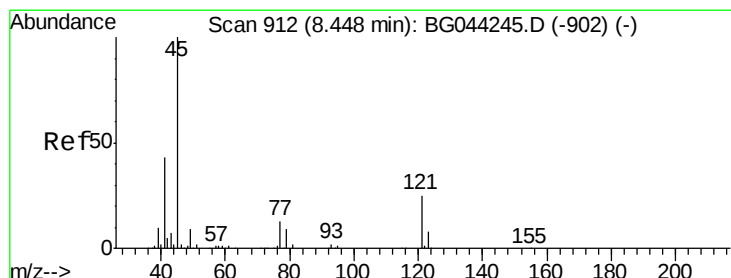
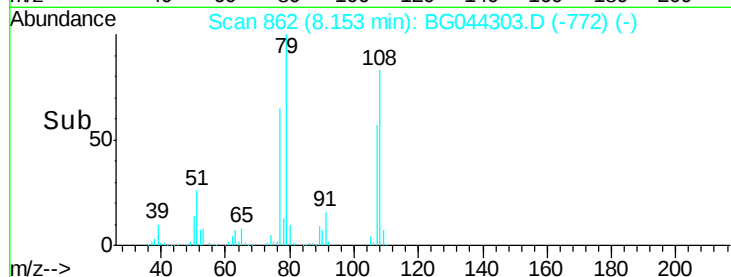
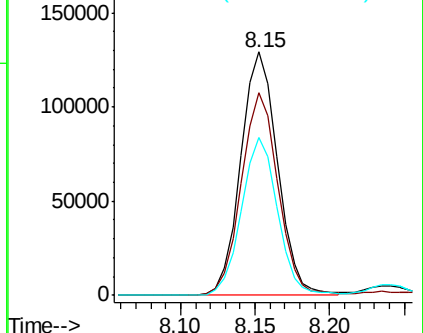
77 64.6 51.8 77.8



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.542 ng

RT: 8.45 min Scan# 912

Delta R.T. -0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

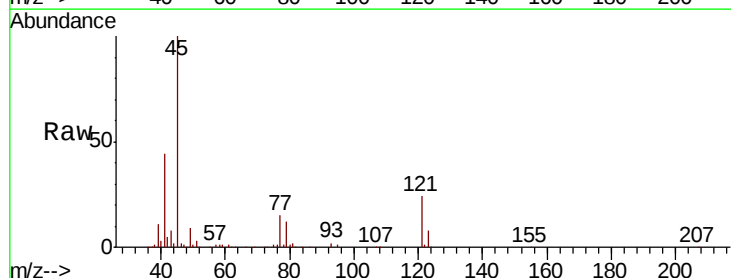
Tgt Ion: 45 Resp: 305267

Ion Ratio Lower Upper

45 100

77 15.1 0.0 35.2

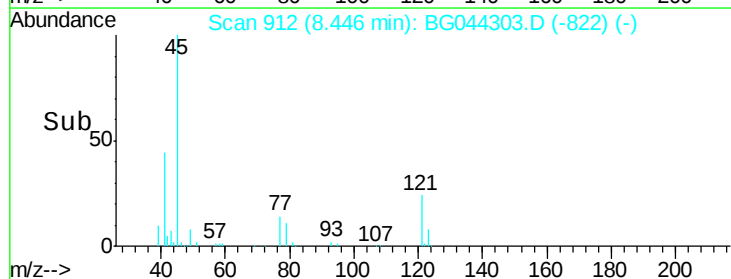
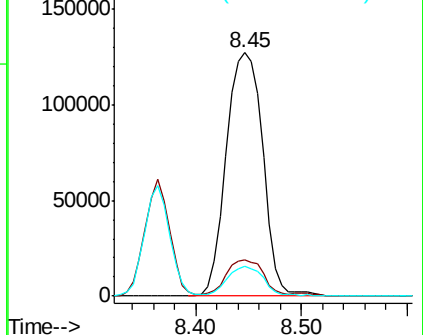
79 12.3 0.0 31.1

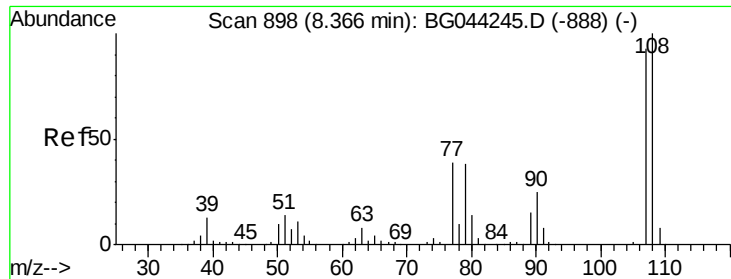


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

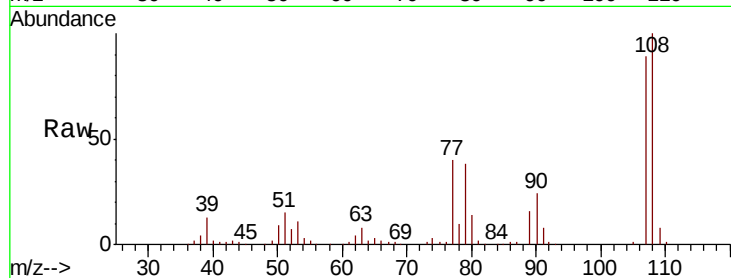




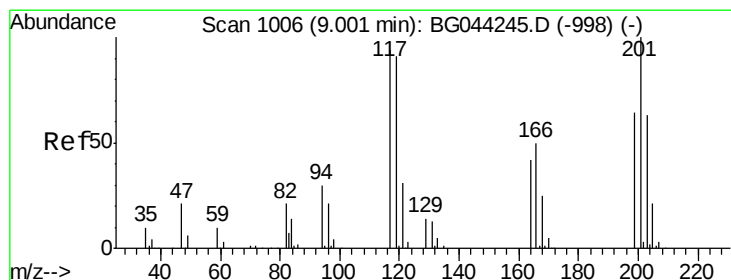
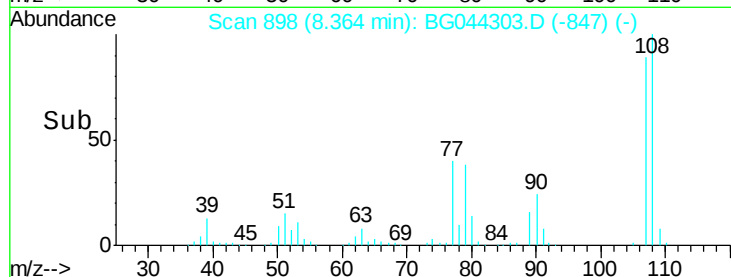
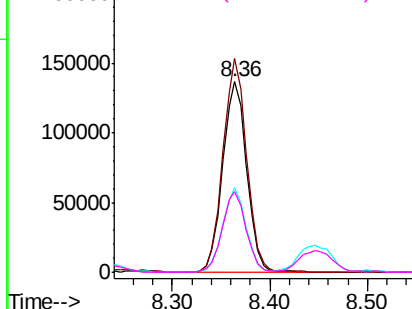
#17
2-Methylphenol
Concen: 51.438 ng
RT: 8.36 min Scan# 898
Delta R.T. -0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.3	86.4	129.6
77	44.7	34.0	51.0
79	42.6	32.9	49.3

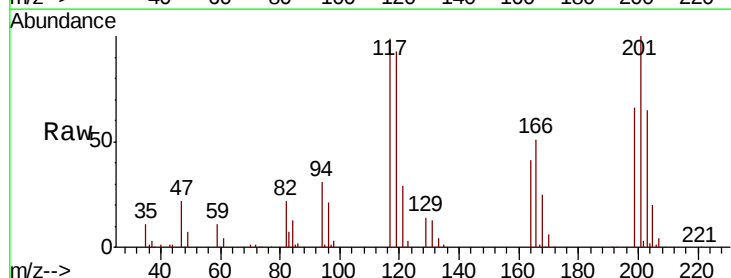


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

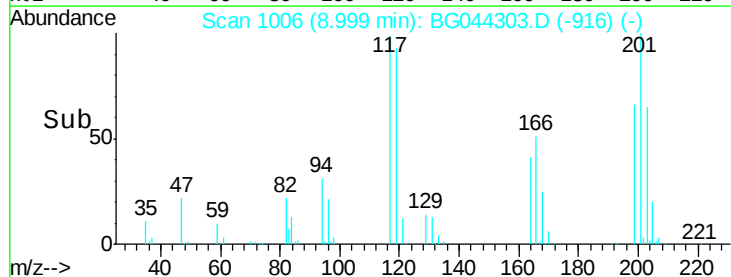
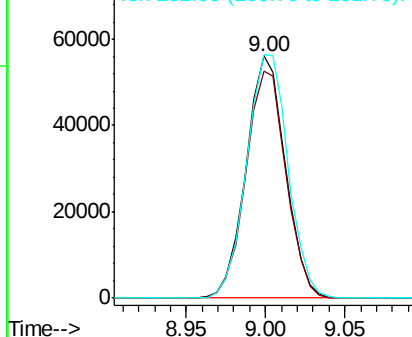


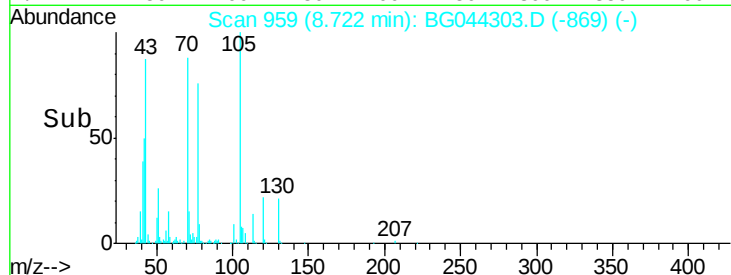
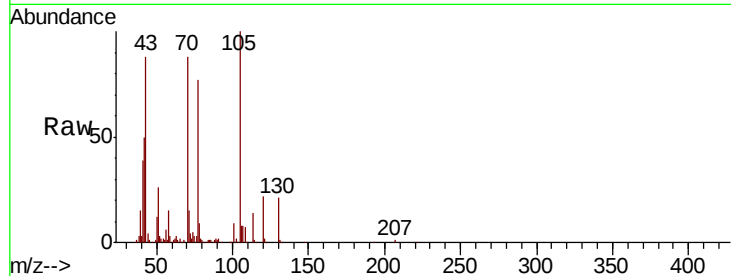
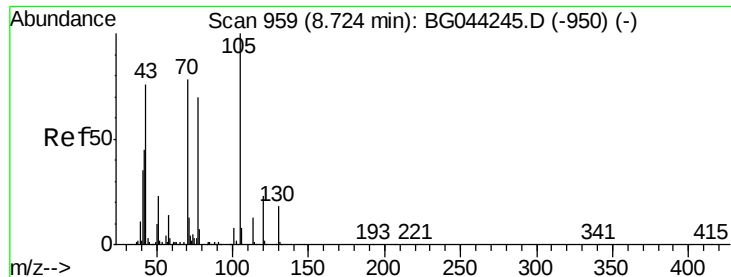
#18
Hexachloroethane
Concen: 41.309 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	77.5	116.3
201	100.7	84.9	127.3



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

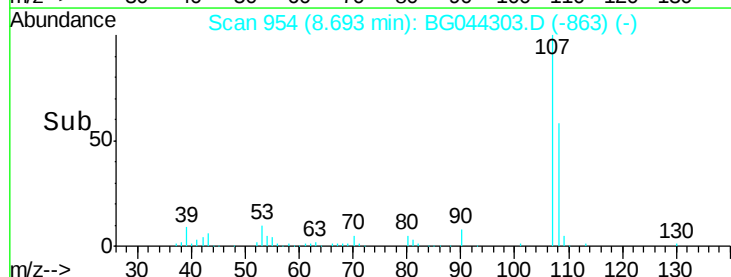
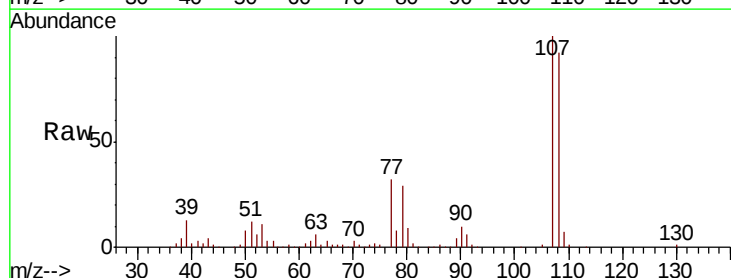
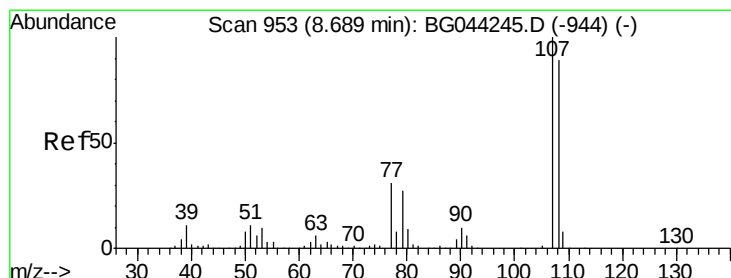
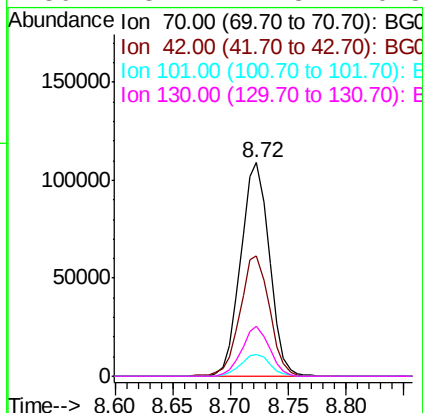




#19
n-Nitroso-di-n-propylamine
Concen: 43.934 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

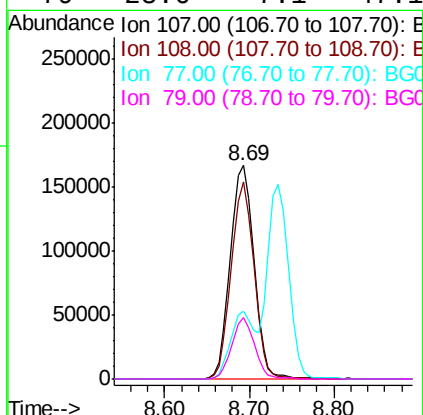
Instrument :
BNA_G
ClientSampleId :

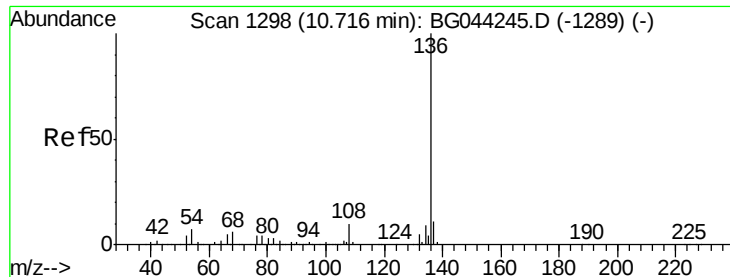
Tot Ion:	70	Resp:	187885
Ion	Ratio	Lower	Upper
70	100		
42	56.5	46.2	69.2
101	10.1	8.4	12.6
130	23.7	17.8	26.8



#20
3+4-Methylphenols
Concen: 51.691 ng
RT: 8.69 min Scan# 954
Delta R.T. 0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Tgt Ion:	107	Resp:	322775
Ion	Ratio	Lower	Upper
107	100		
108	92.2	68.5	108.5
77	32.0	10.9	50.9
79	28.6	7.1	47.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.71 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 386839

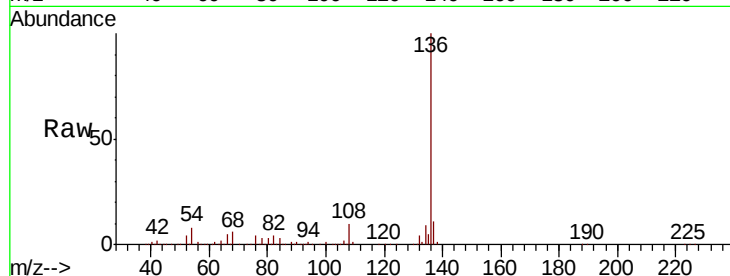
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 7.5 5.8 8.8

68 6.0 4.6 6.8

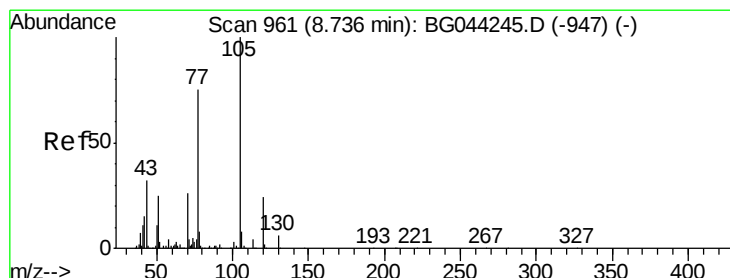
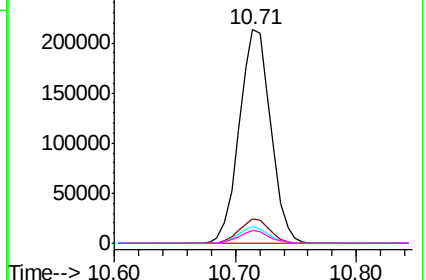
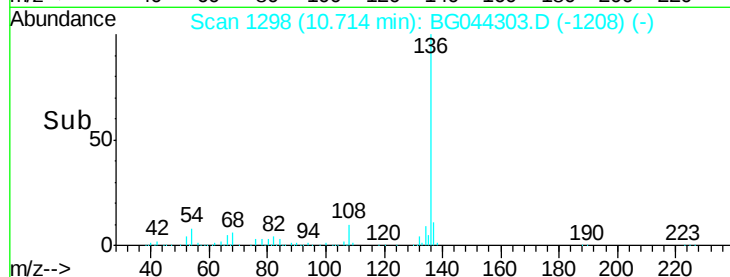


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.150 ng

RT: 8.73 min Scan# 961

Delta R.T. -0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

Tgt Ion:105 Resp: 359014

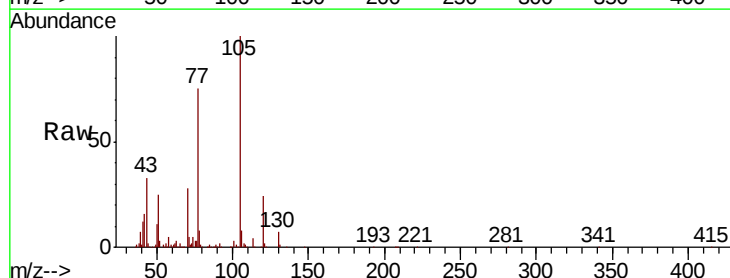
Ion Ratio Lower Upper

105 100

71 4.8 3.4 5.0

51 25.1 20.2 30.4

120 23.7 19.1 28.7

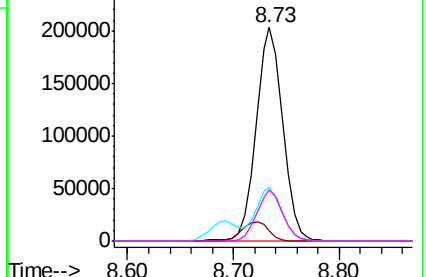
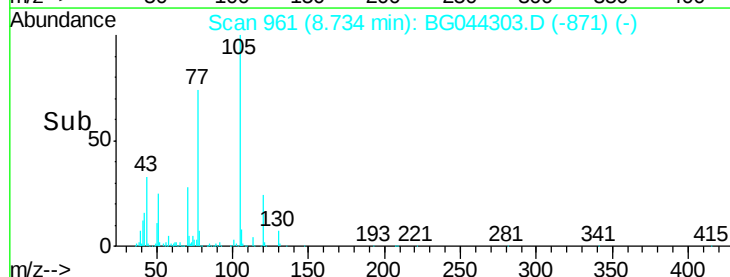


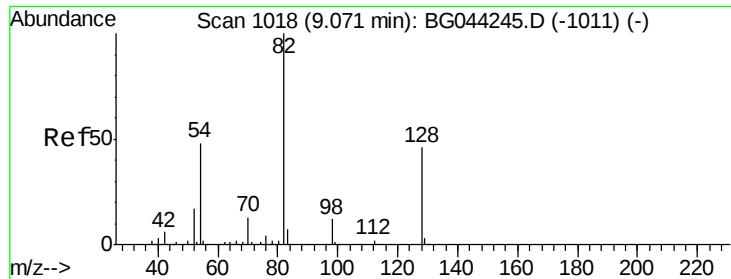
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

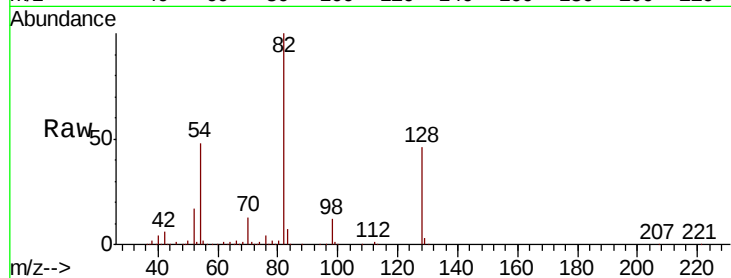




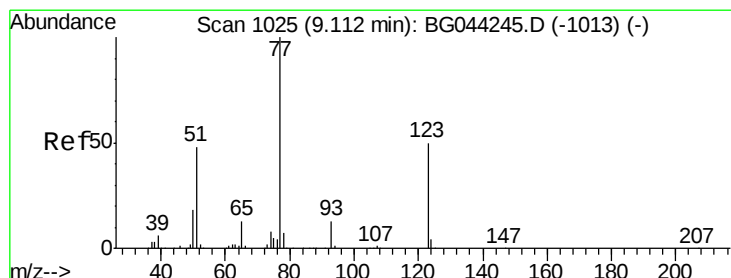
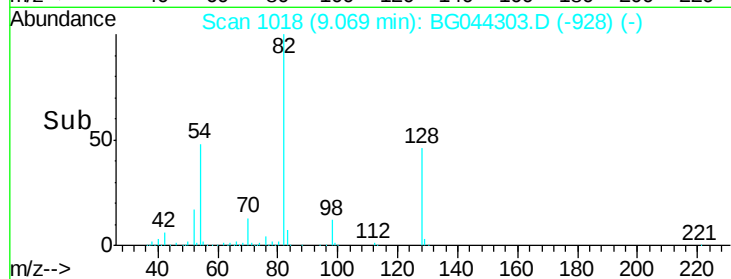
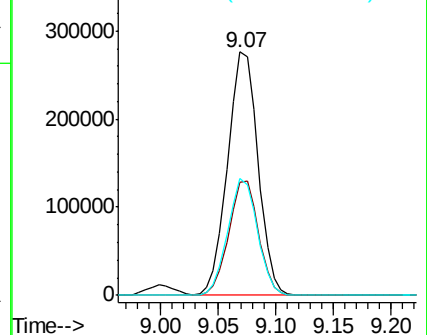
#23
Nitrobenzene-d5
Concen: 73.548 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	503951
Ion Ratio	100	Lower	Upper
128	46.2	36.5	54.7
54	47.9	38.6	58.0

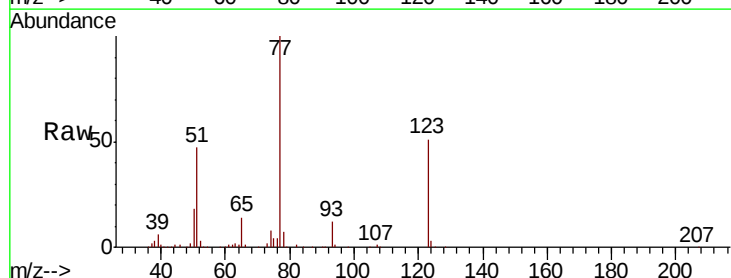


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

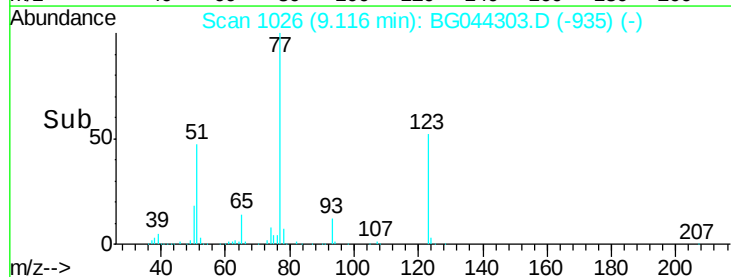
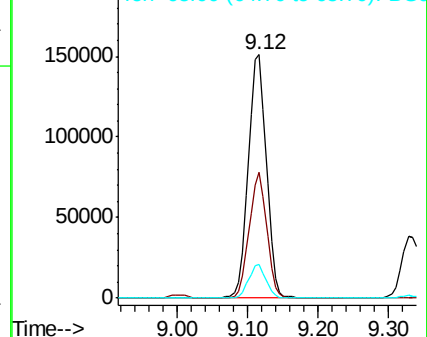


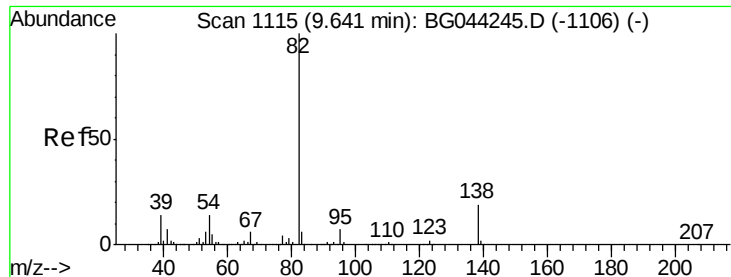
#24
Nitrobenzene
Concen: 40.517 ng
RT: 9.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Tgt Ion	77	Resp	271027
Ion Ratio	100	Lower	Upper
123	51.4	39.9	59.9
65	13.6	10.4	15.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 41.142 ng

RT: 9.64 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

Instrument :

BNA_G

ClientSampleId :

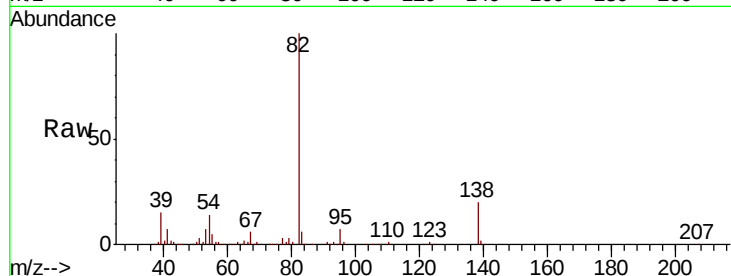
Tot Ion: 82 Resp: 525434

Ion Ratio Lower Upper

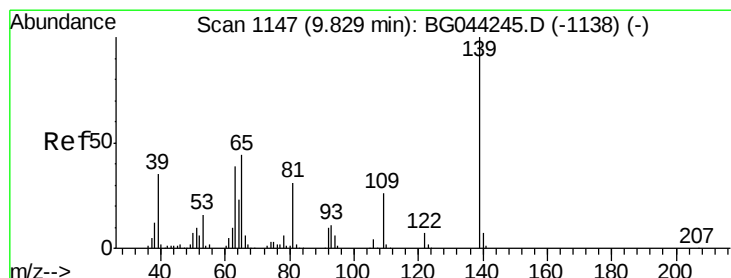
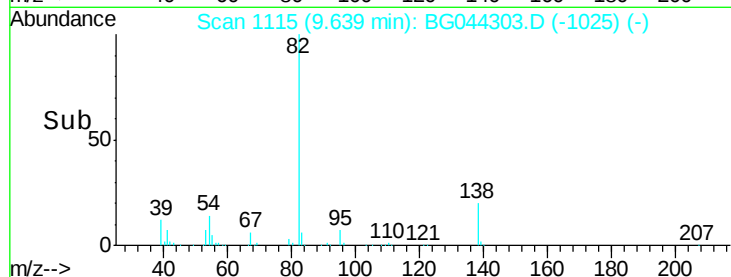
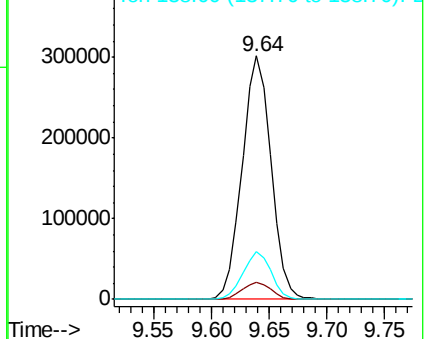
82 100

95 7.1 5.7 8.5

138 19.7 15.0 22.4



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



#26

2-Nitrophenol

Concen: 44.268 ng

RT: 9.83 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

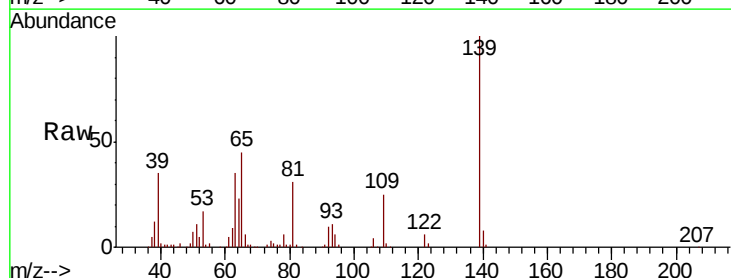
Tgt Ion: 139 Resp: 153652

Ion Ratio Lower Upper

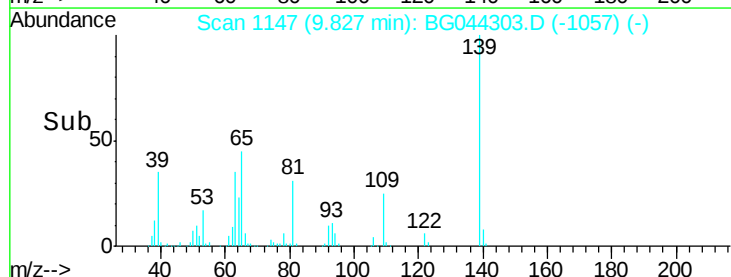
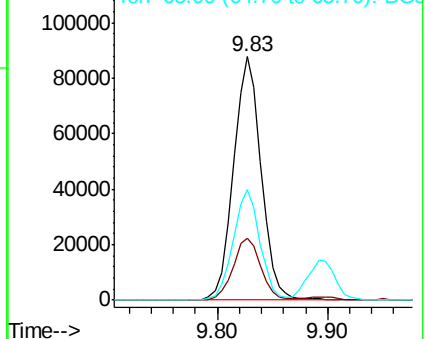
139 100

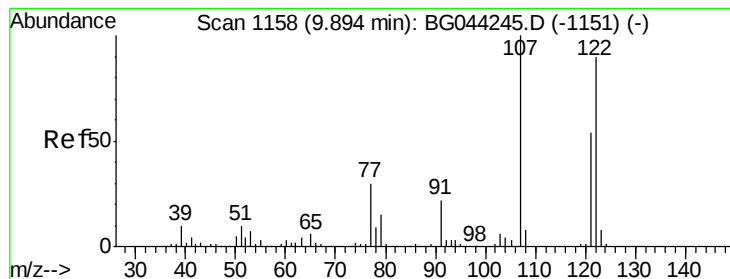
109 25.2 21.0 31.4

65 45.3 35.0 52.4



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





#27

2,4-Dimethylphenol

Concen: 53.578 ng

RT: 9.90 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

Instrument :

BNA_G

ClientSampleId :

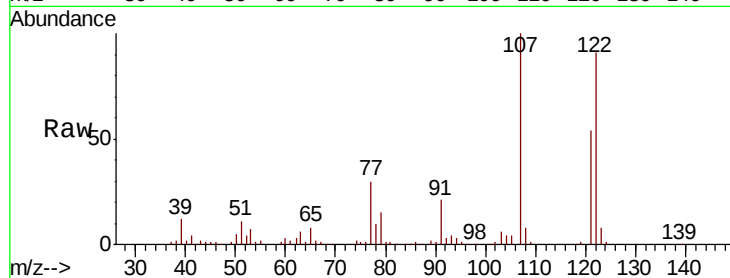
Tot Ion:122 Resp: 262515

Ion Ratio Lower Upper

122 100

107 110.0 88.8 133.2

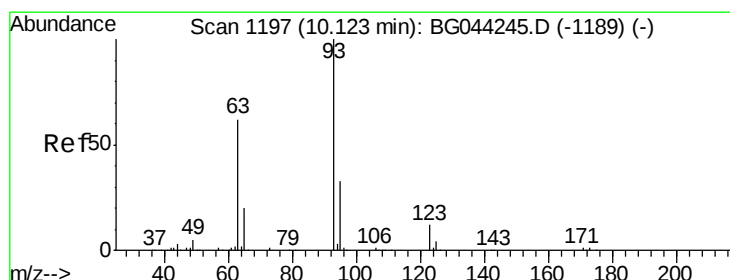
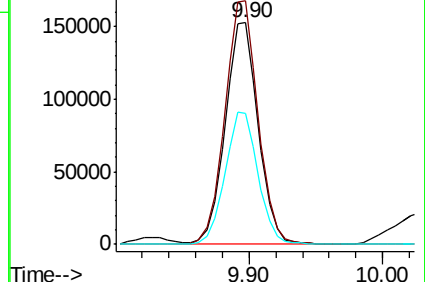
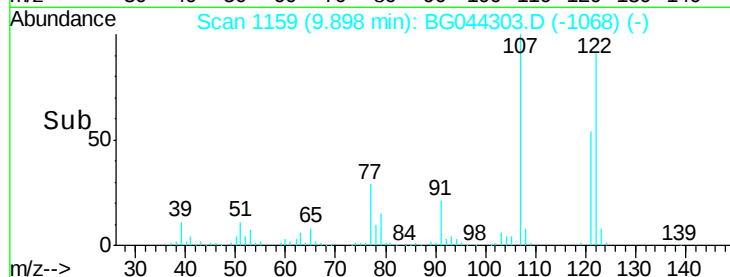
121 59.1 48.3 72.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.476 ng

RT: 10.12 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

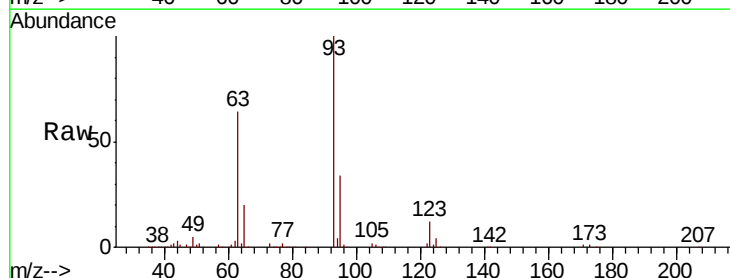
Tgt Ion: 93 Resp: 336319

Ion Ratio Lower Upper

93 100

95 33.5 26.6 40.0

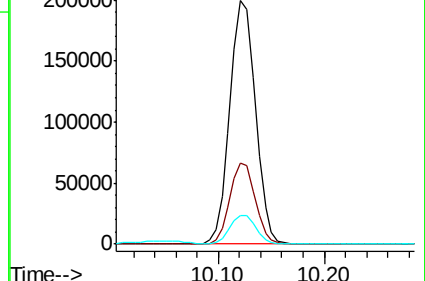
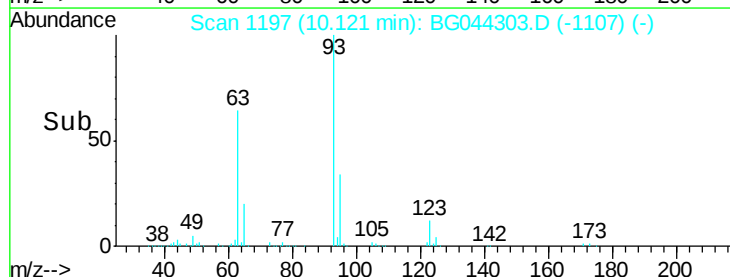
123 11.9 10.0 15.0

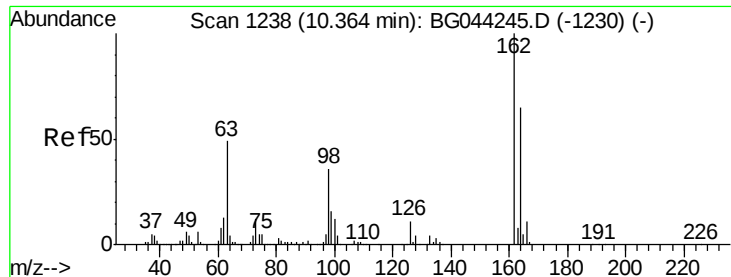


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

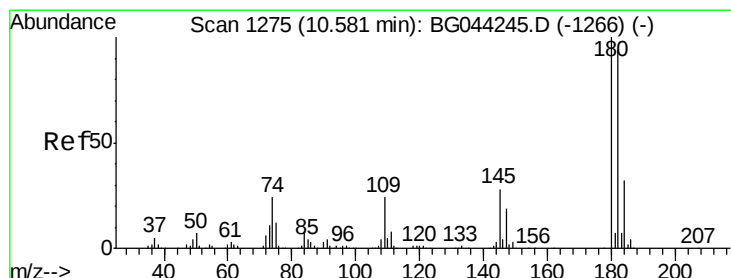
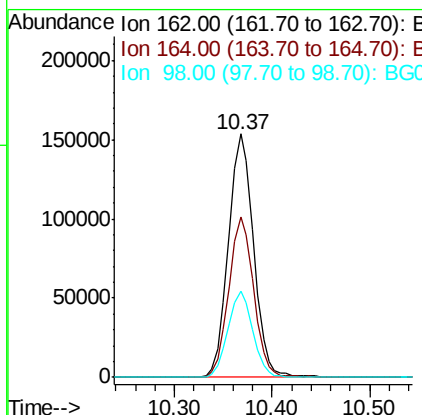
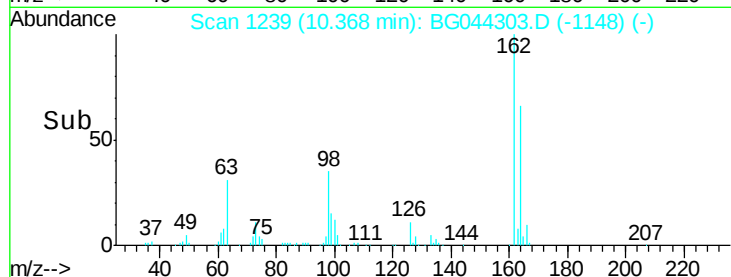
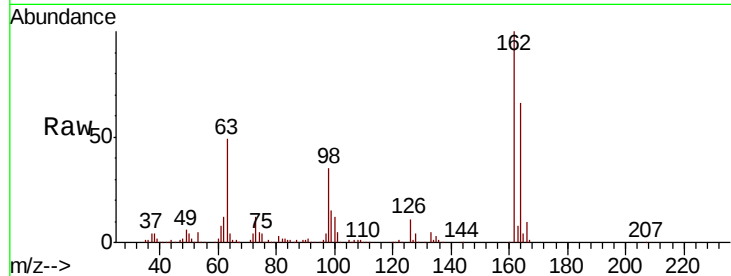




#29
2,4-Dichlorophenol
Concen: 46.538 ng
RT: 10.37 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

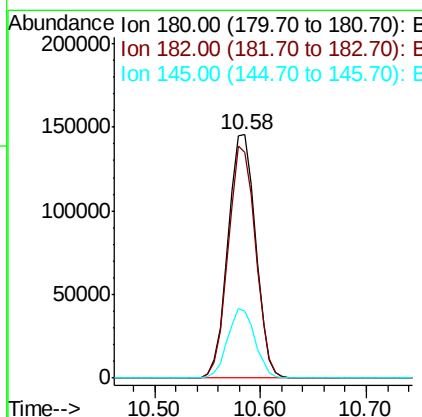
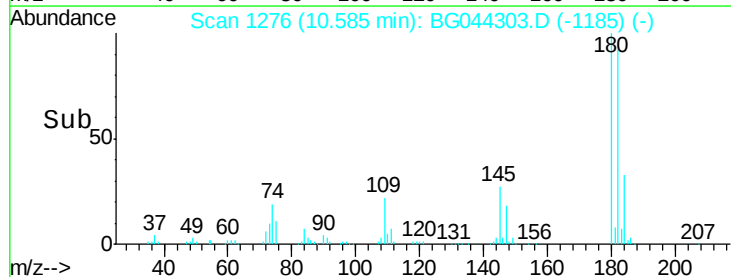
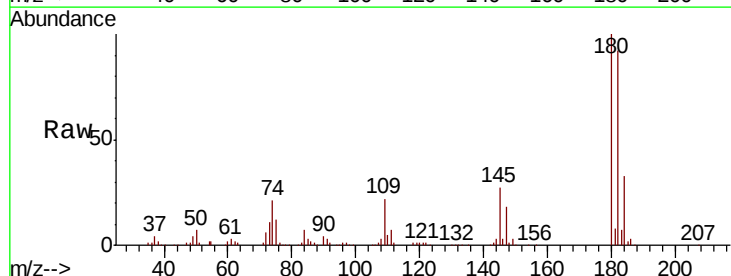
Instrument :
BNA_G
ClientSampled :

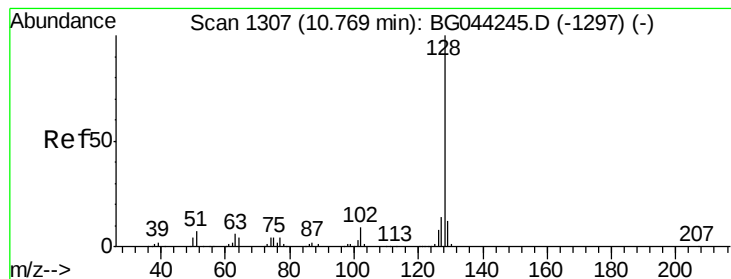
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.8	44.7	84.7
98	35.1	15.8	55.8



#30
1,2,4-Trichlorobenzene
Concen: 38.718 ng
RT: 10.58 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.4	75.5	113.3
145	27.4	22.6	34.0





#31

Naphthalene

Concen: 41.424 ng

RT: 10.77 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

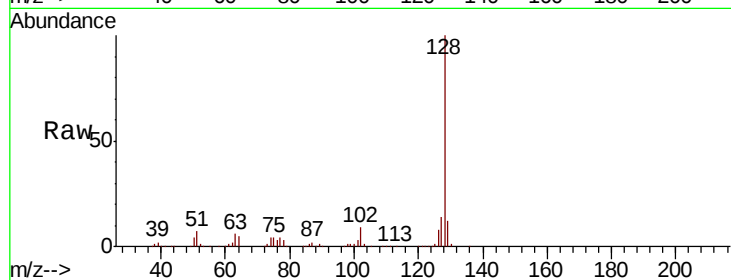
Instrument :

BNA_G

ClientSampled :

Tot Ion:128 Resp: 777461

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.3	13.9
127	14.4	11.6	17.4

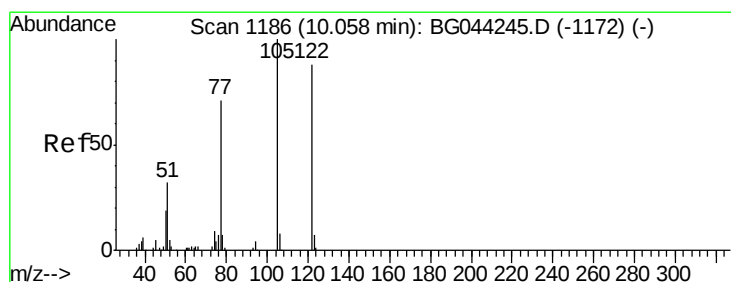
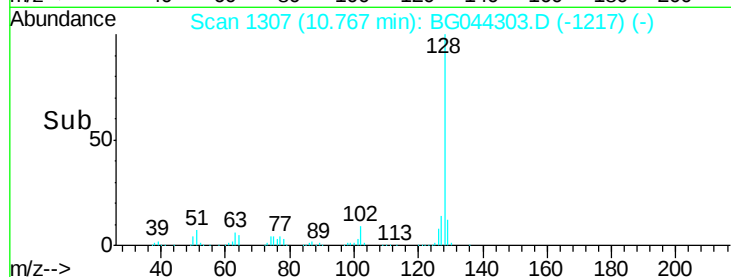
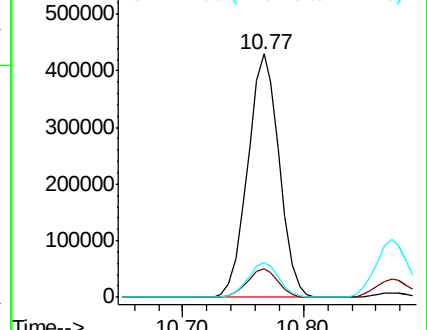


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.053 ng

RT: 10.05 min Scan# 1185

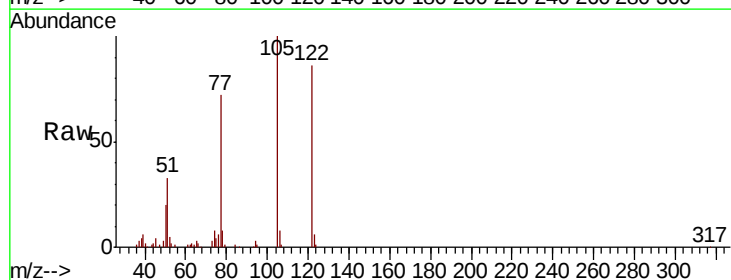
Delta R.T. -0.01 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

Tgt Ion:122 Resp: 127678

Ion	Ratio	Lower	Upper
122	100		
105	116.8	93.5	133.5
77	83.5	61.0	101.0

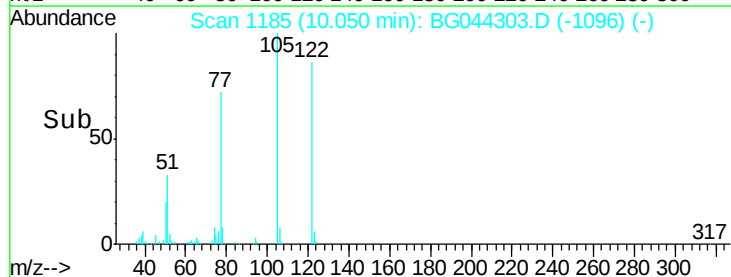
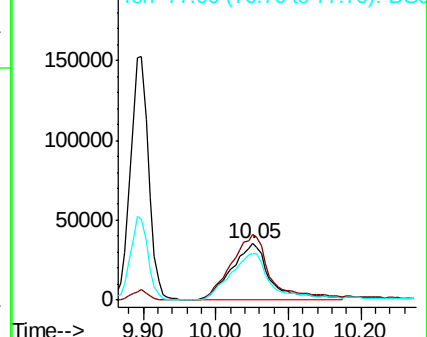


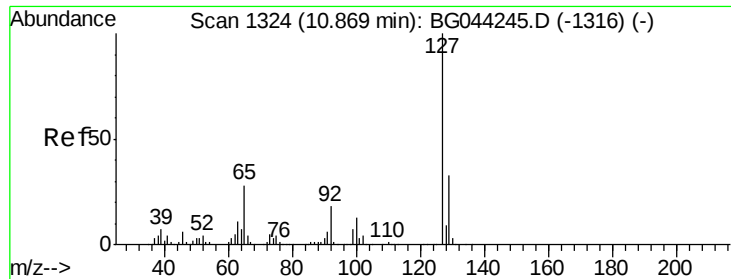
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

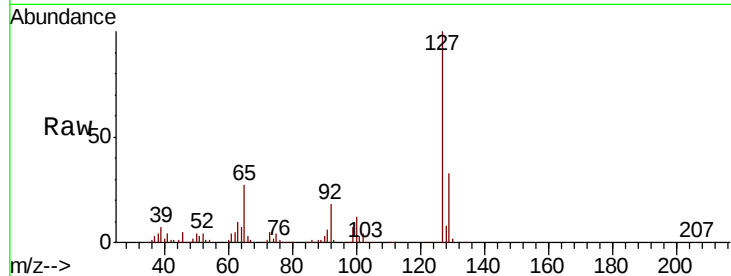




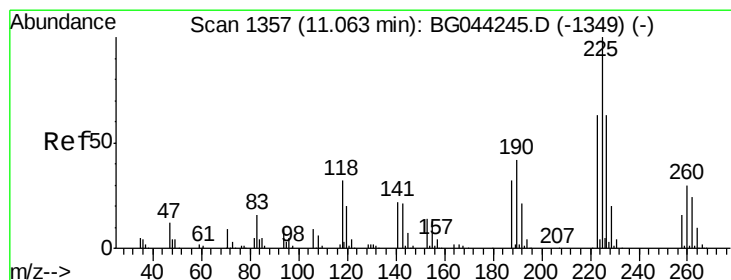
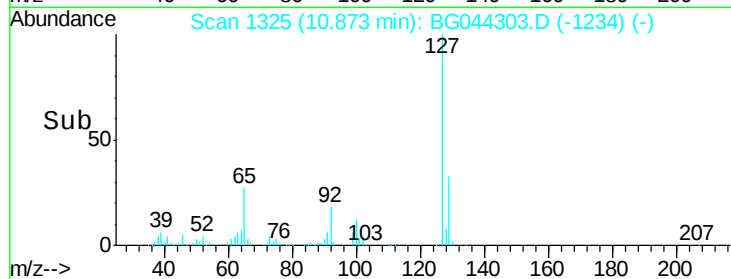
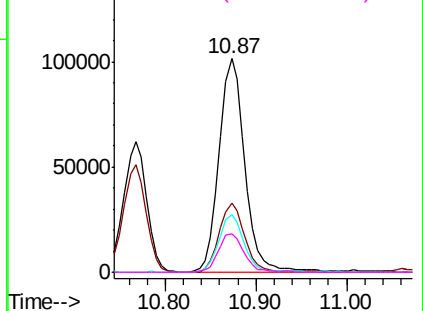
#33
4-Chloroaniline
Concen: 23.524 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	200796
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.6	40.0
65	26.7	22.5	33.7
92	17.8	14.1	21.1

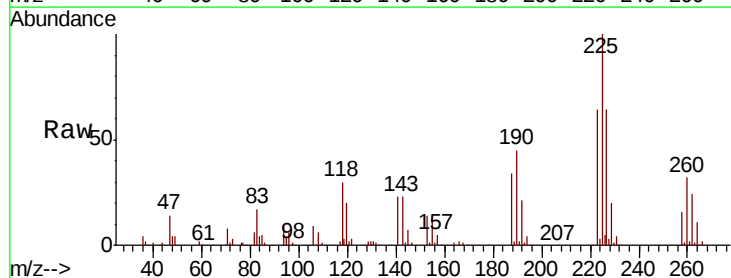


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

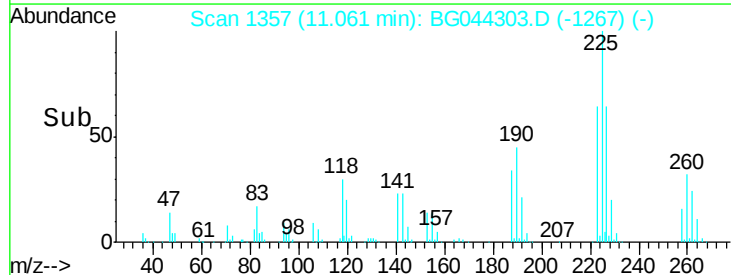
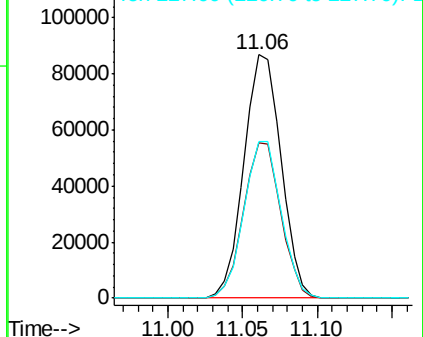


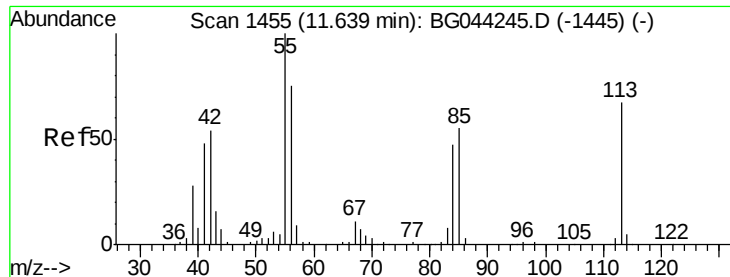
#34
Hexachlorobutadiene
Concen: 35.783 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Tgt Ion:	225	Resp:	149578
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.2	75.4
227	64.2	50.8	76.2



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





#35

Caprolactam

Concen: 33.235 ng

RT: 11.64 min Scan# 1456

Delta R.T. 0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

Instrument :

BNA_G

ClientSampleId :

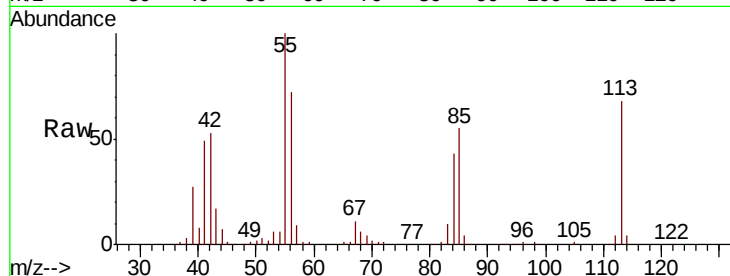
Tot Ion:113 Resp: 72129

Ion Ratio Lower Upper

113 100

55 147.8 129.9 169.9

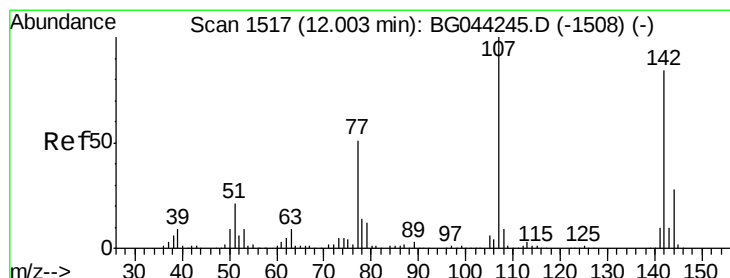
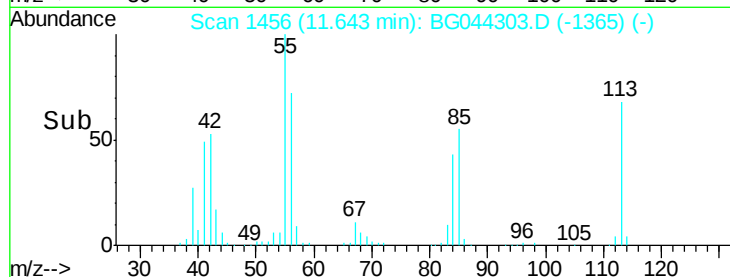
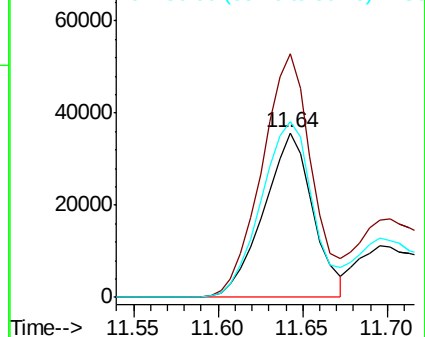
56 106.9 92.5 132.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 48.672 ng

RT: 12.01 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

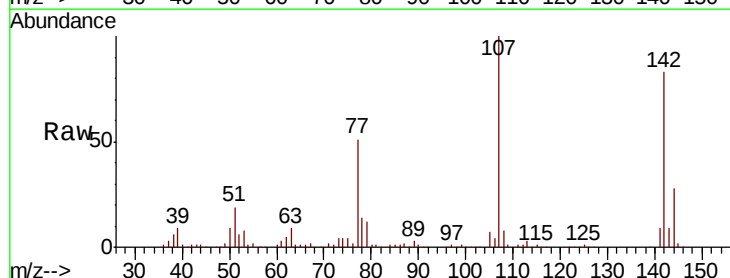
Tgt Ion:107 Resp: 302332

Ion Ratio Lower Upper

107 100

144 27.7 22.2 33.4

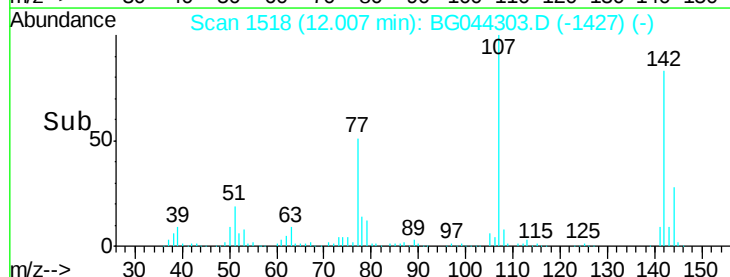
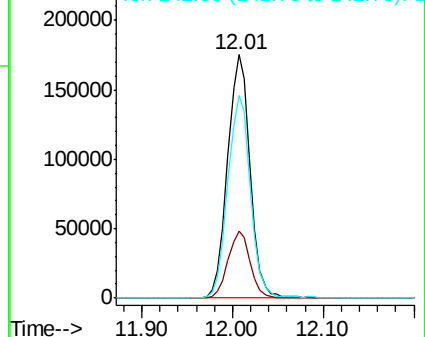
142 83.3 67.4 101.0

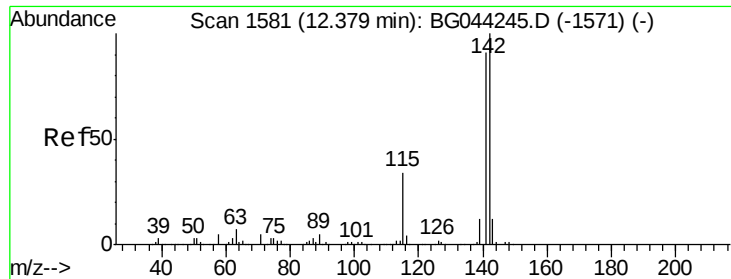


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

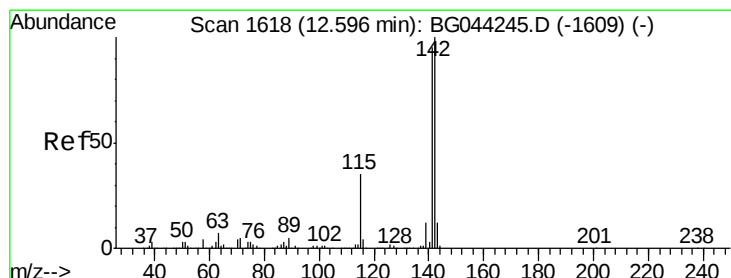
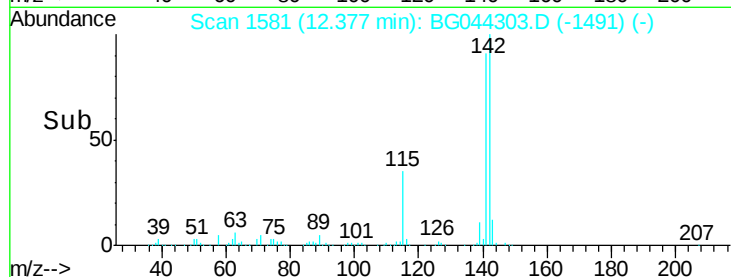
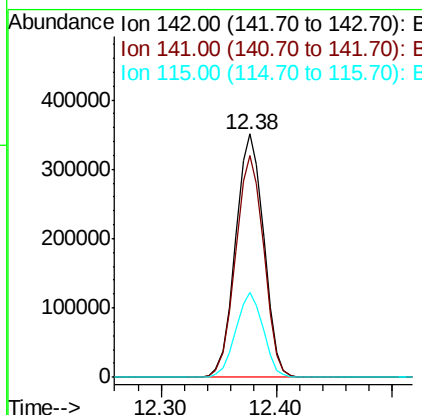
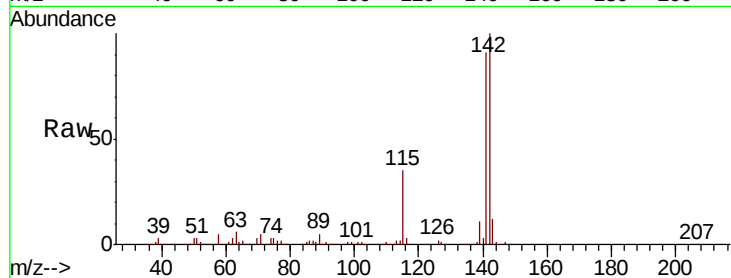




#37
2-Methylnaphthalene
Concen: 42.558 ng
RT: 12.38 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

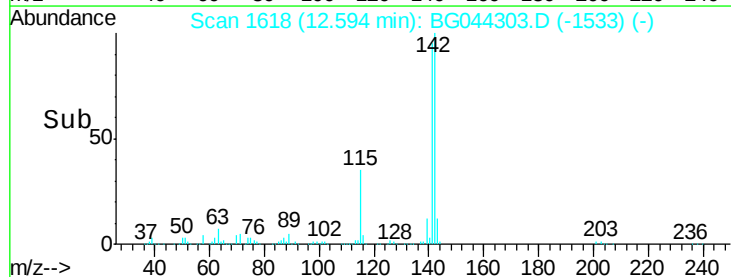
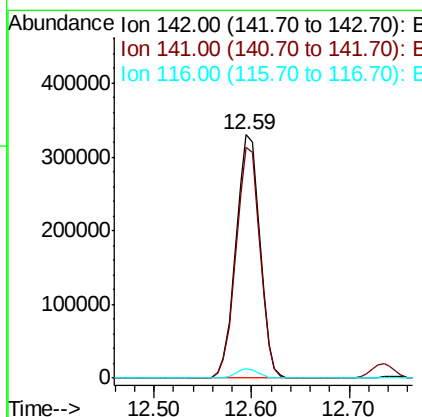
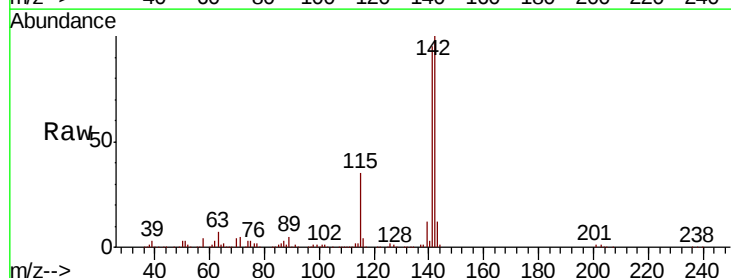
Instrument :
BNA_G
ClientSampleId :

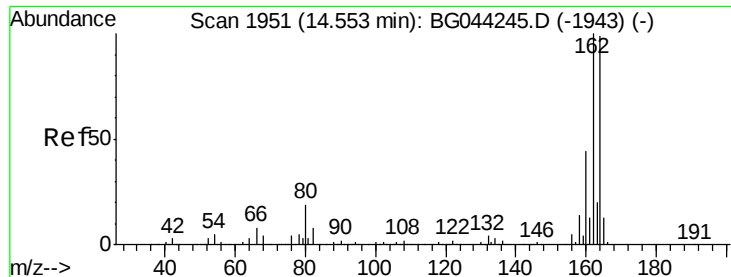
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.2	109.8
115	34.7	27.1	40.7



#38
1-Methylnaphthalene
Concen: 43.000 ng
RT: 12.59 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.0	75.8	113.6
116	3.8	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

Instrument :

BNA_G

ClientSampleId :

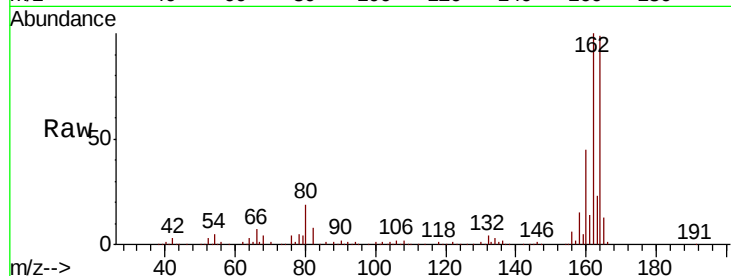
Tot Ion:164 Resp: 271742

Ion Ratio Lower Upper

164 100

162 101.5 80.7 121.1

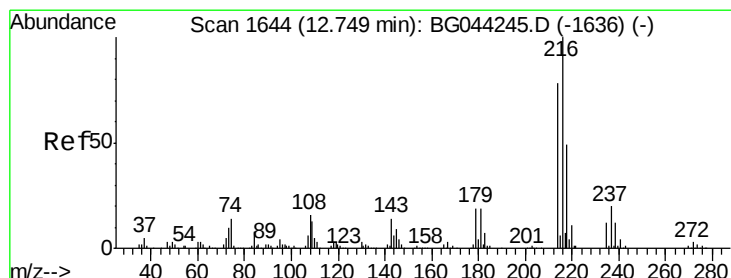
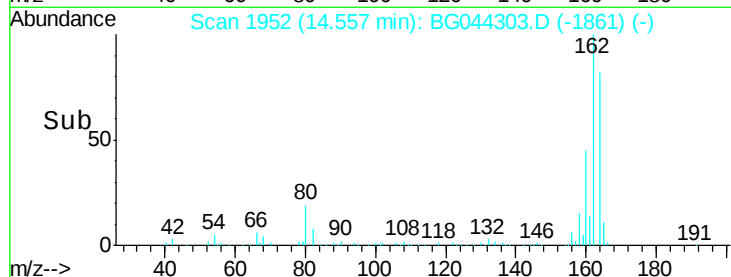
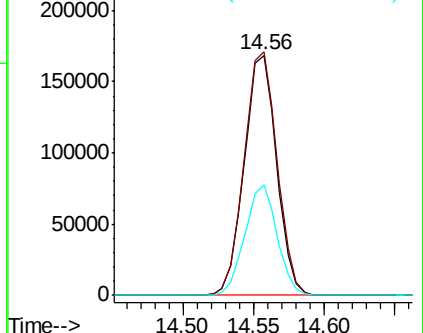
160 46.0 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.950 ng

RT: 12.75 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

Tgt Ion:216 Resp: 292223

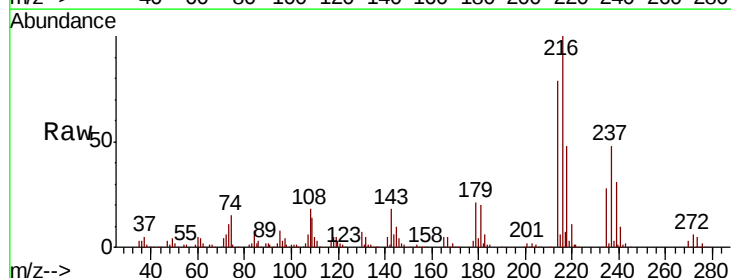
Ion Ratio Lower Upper

216 100

214 78.9 63.0 94.6

179 20.6 16.2 24.4

108 18.3 13.5 20.3

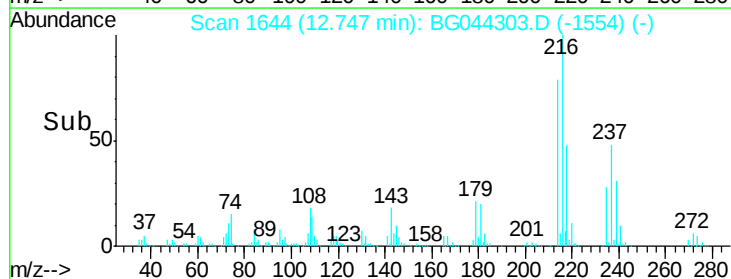
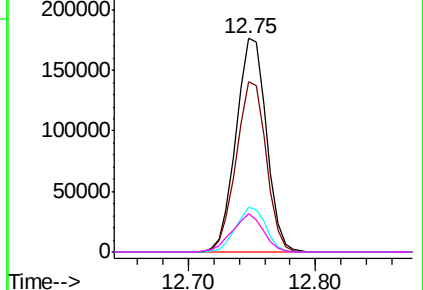


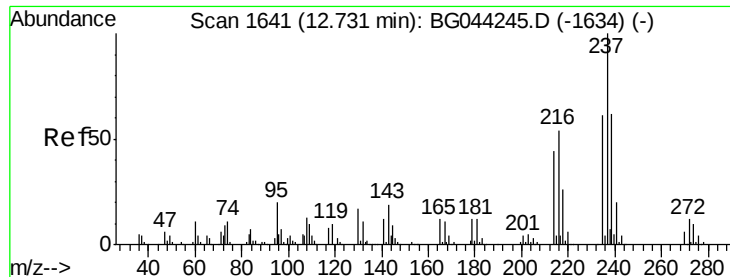
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 69.804 ng

RT: 12.74 min Scan# 1642

Delta R.T. 0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

Instrument :

BNA_G

ClientSampleId :

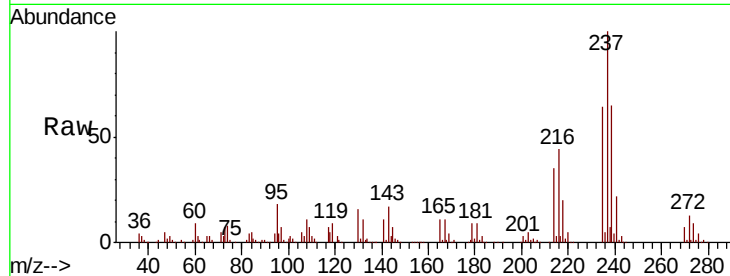
Tot Ion:237 Resp: 272261

Ion Ratio Lower Upper

237 100

235 64.0 41.2 81.2

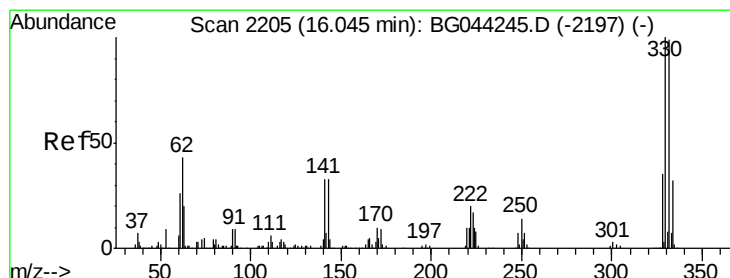
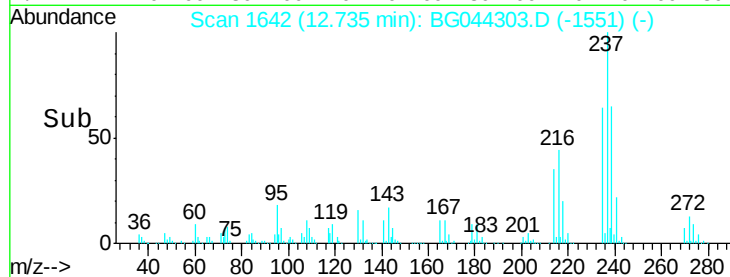
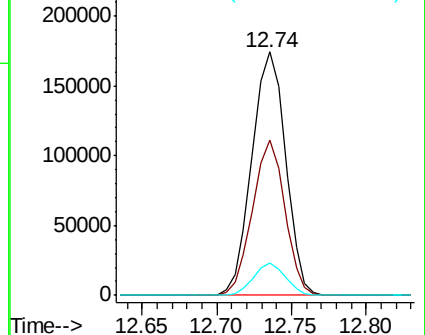
272 13.2 0.0 32.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 115.508 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

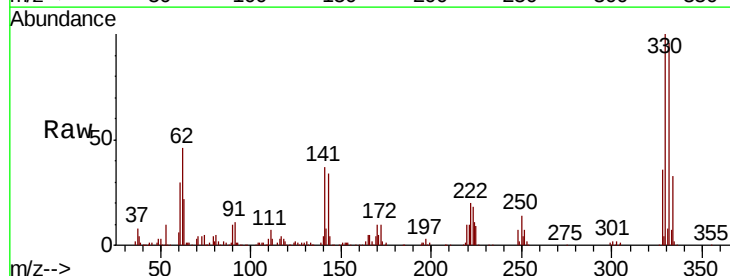
Tgt Ion:330 Resp: 368481

Ion Ratio Lower Upper

330 100

332 96.5 77.2 115.8

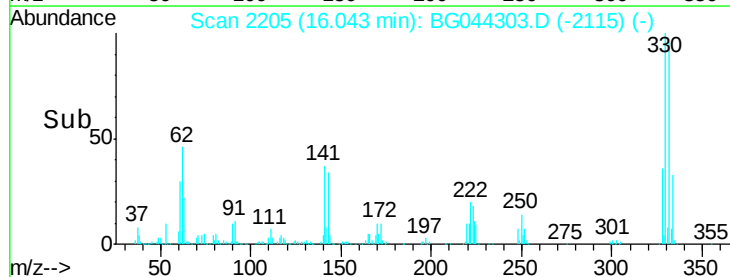
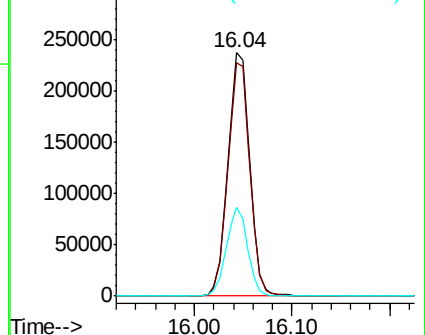
141 35.6 28.3 42.5

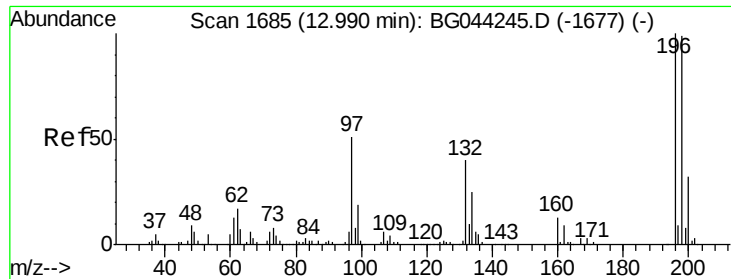


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

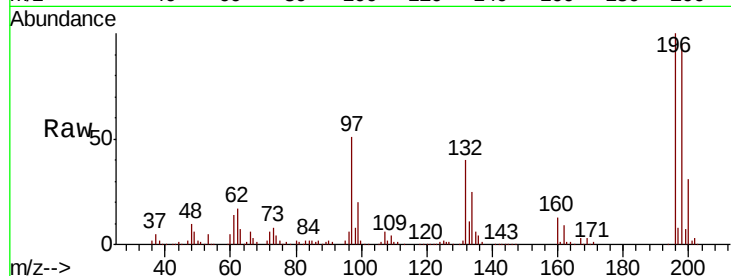




#43
 2,4,6-Trichlorophenol
 Concen: 43.636 ng
 RT: 12.99 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: BG044303.D
 Acq: 5 Feb 2020 14:09

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	229271
Ion Ratio	Lower	Upper	
196	100		
198	95.5	79.3	118.9
200	31.0	25.7	38.5

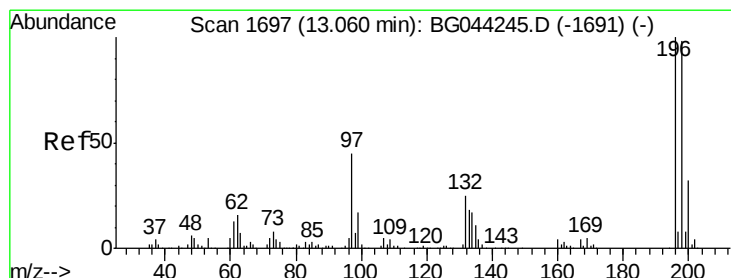
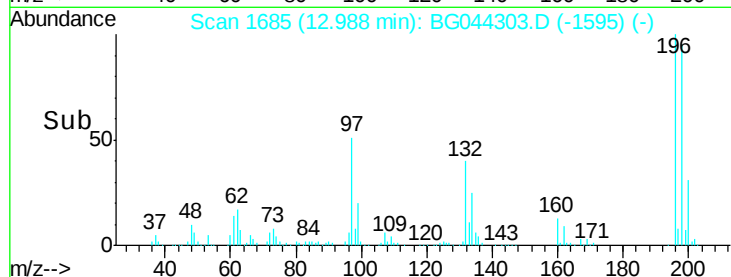
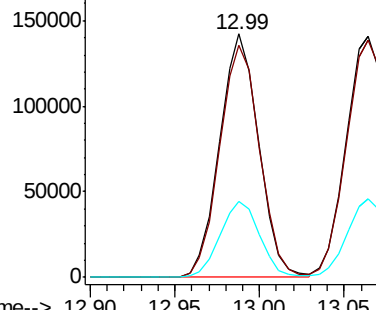


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 46.219 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: BG044303.D
 Acq: 5 Feb 2020 14:09

Tgt Ion	196	Resp	248041
Ion Ratio	Lower	Upper	
196	100		
198	98.1	78.2	117.2
97	45.7	36.2	54.4
132	27.0	20.2	30.4

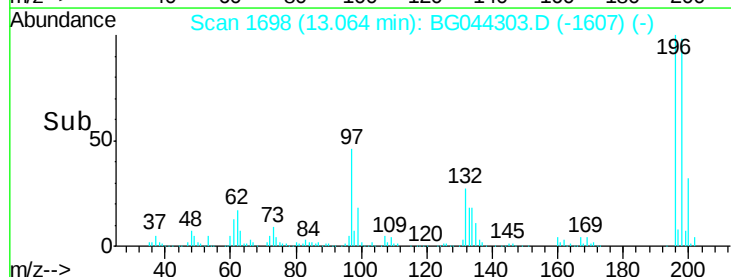
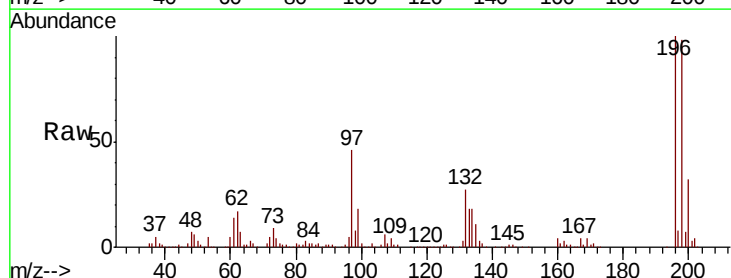
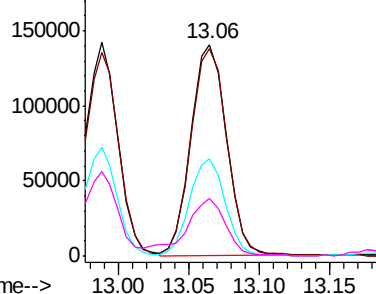
Abundance

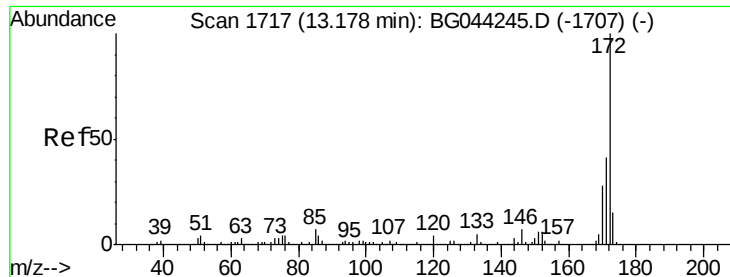
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



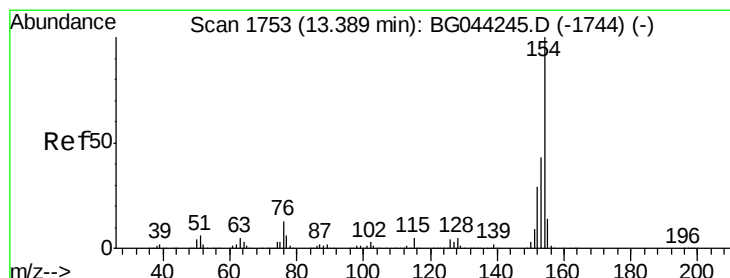
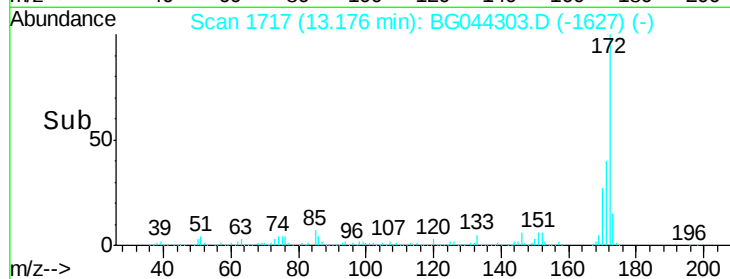
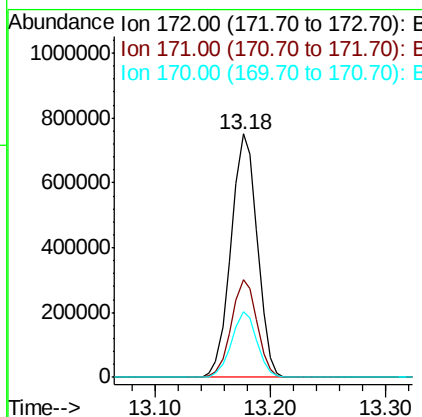
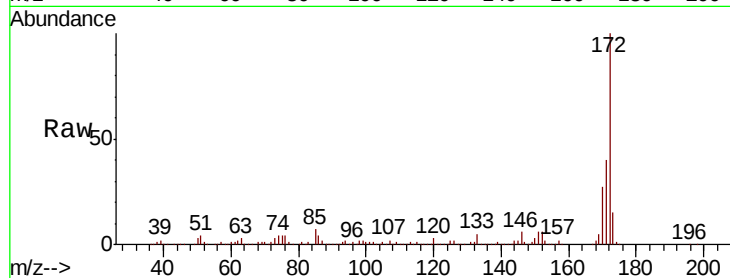


#45
 2-Fluorobiphenyl
 Concen: 72.769 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BG044303.D
 Acq: 5 Feb 2020 14:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1180883

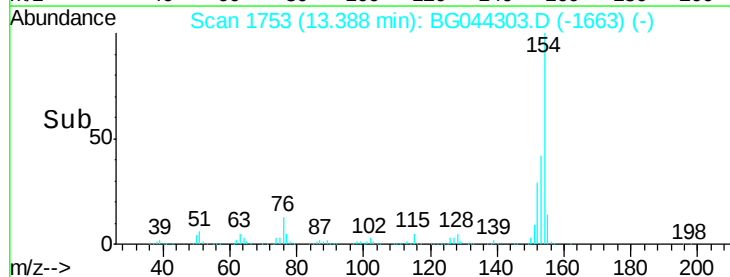
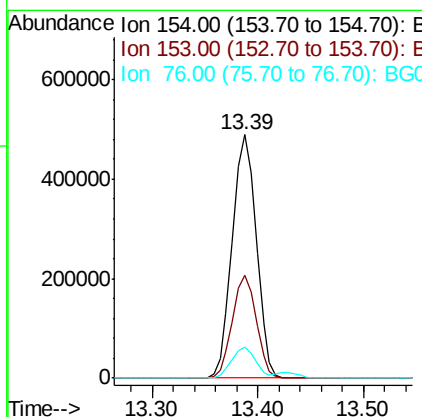
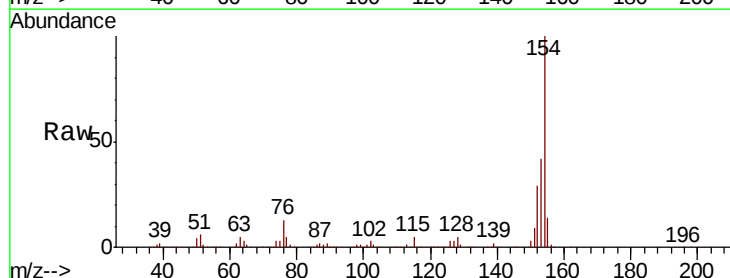
Ion	Ratio	Lower	Upper
172	100		
171	39.9	32.9	49.3
170	26.8	22.0	33.0

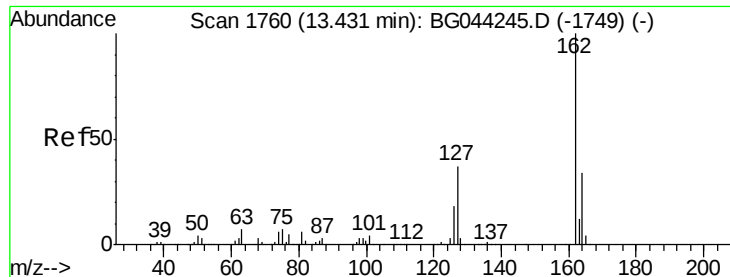


#46
 1,1'-Biphenyl
 Concen: 39.275 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BG044303.D
 Acq: 5 Feb 2020 14:09

Tgt Ion:154 Resp: 769839

Ion	Ratio	Lower	Upper
154	100		
153	42.0	22.7	62.7
76	13.0	0.0	32.9

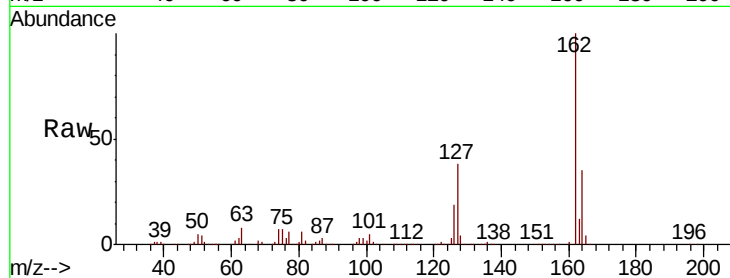




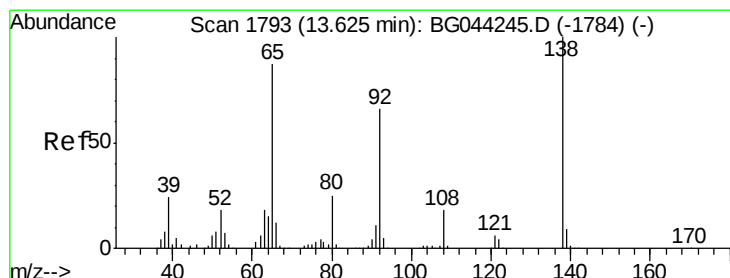
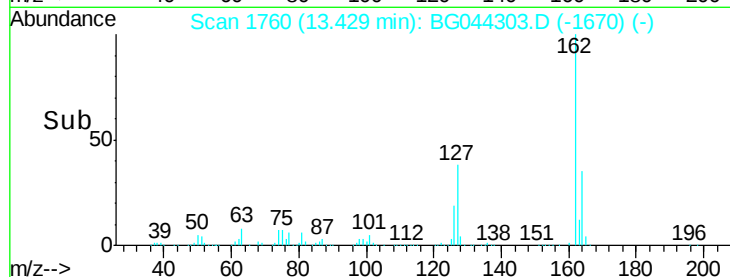
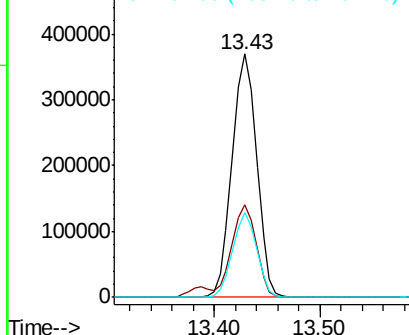
#47
2-Chloronaphthalene
Concen: 38.248 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.8	30.0	45.0
164	34.9	27.2	40.8

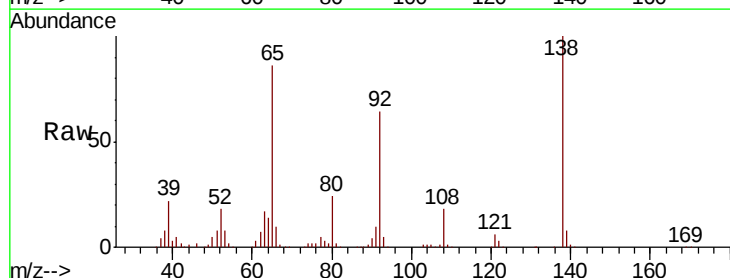


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

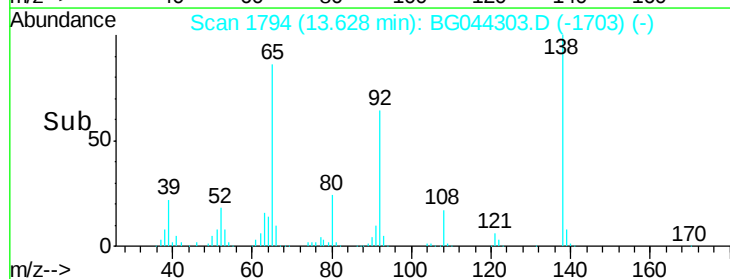
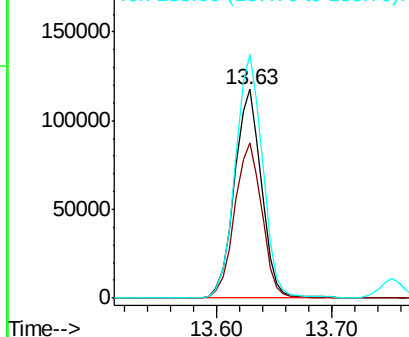


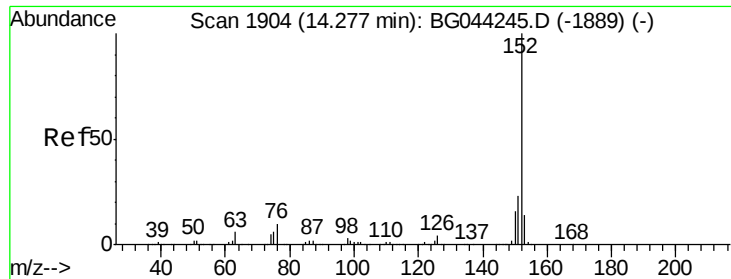
#48
2-Nitroaniline
Concen: 41.597 ng
RT: 13.63 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.7	60.3	90.5
138	116.8	91.9	137.9



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.086 ng

RT: 14.27 min Scan# 1904

Delta R.T. -0.00 min

Lab File: BG044303.D

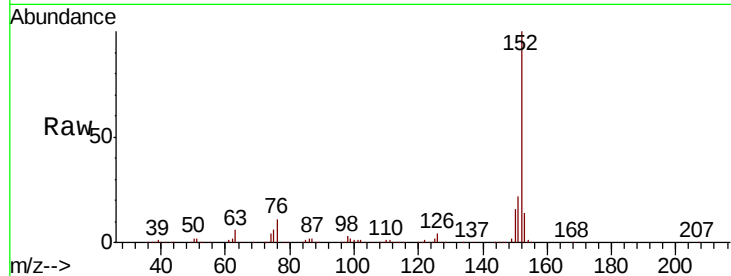
Acq: 5 Feb 2020 14:09

Instrument :

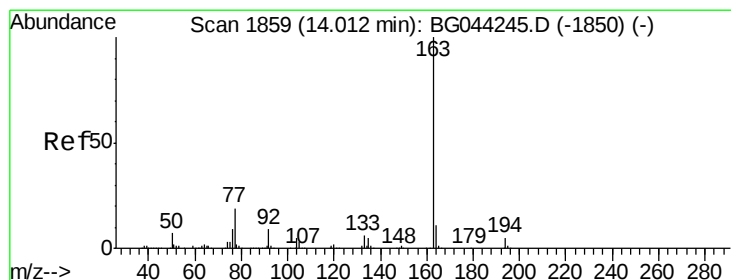
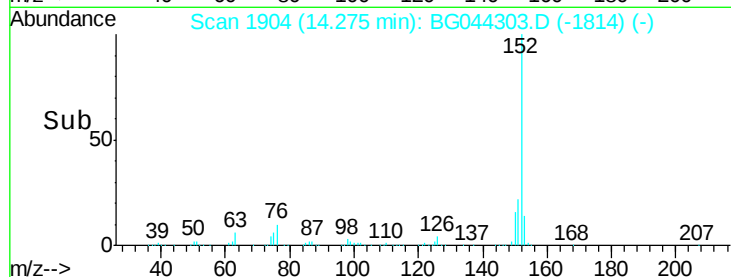
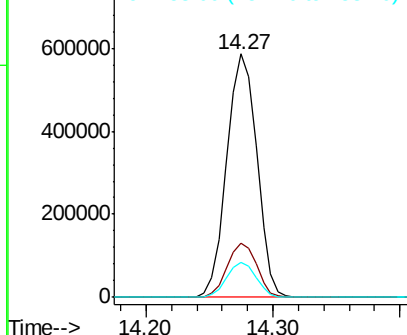
BNA_G

ClientSampleId :

Tot Ion:	152	Resp:	962817
Ion	Ratio	Lower	Upper
152	100		
151	22.2	18.1	27.1
153	14.3	11.5	17.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.069 ng

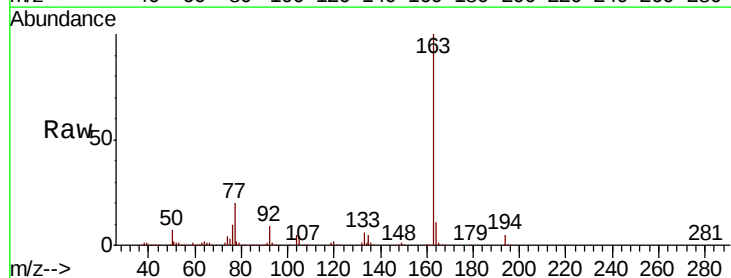
RT: 14.01 min Scan# 1859

Delta R.T. -0.00 min

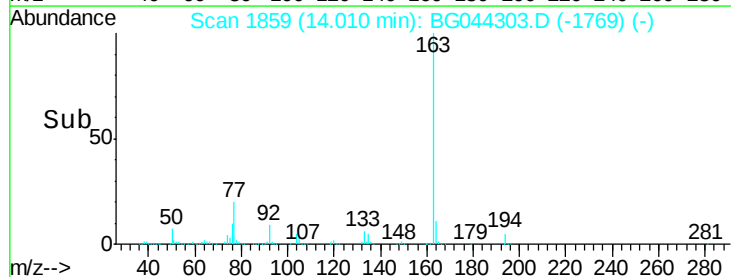
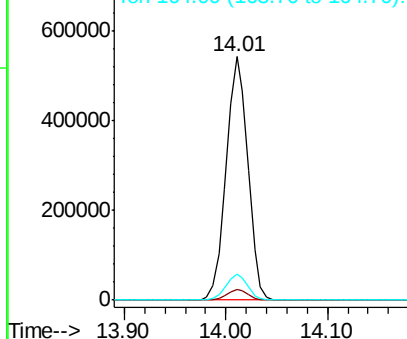
Lab File: BG044303.D

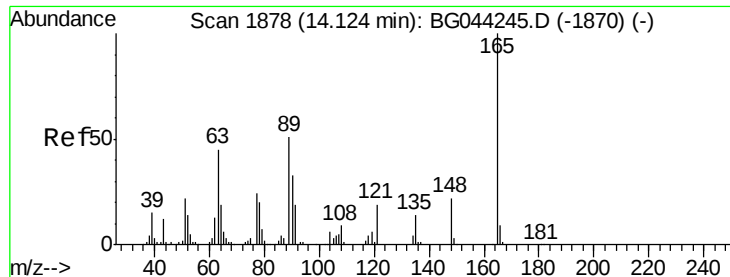
Acq: 5 Feb 2020 14:09

Tgt Ion:	163	Resp:	802225
Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.6	5.4
164	10.8	8.7	13.1



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

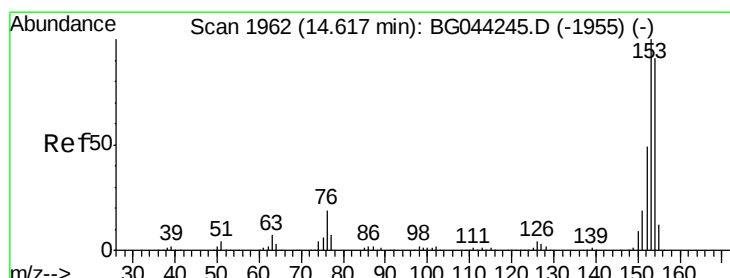
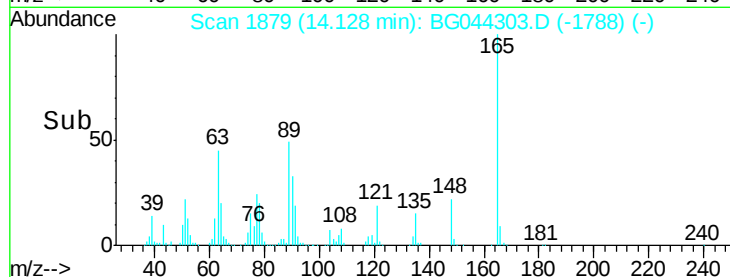
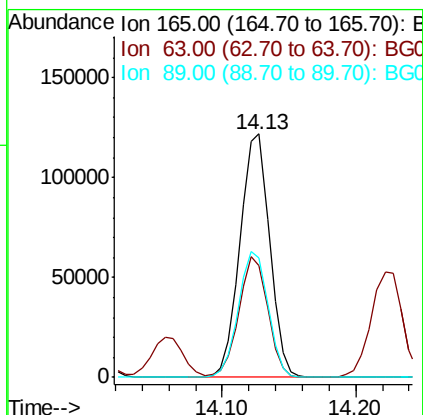
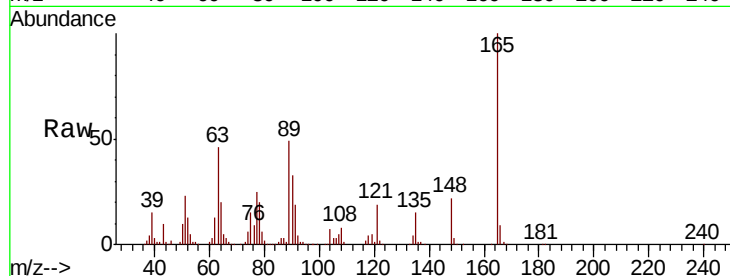




#51
2,6-Dinitrotoluene
Concen: 43.018 ng
RT: 14.13 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

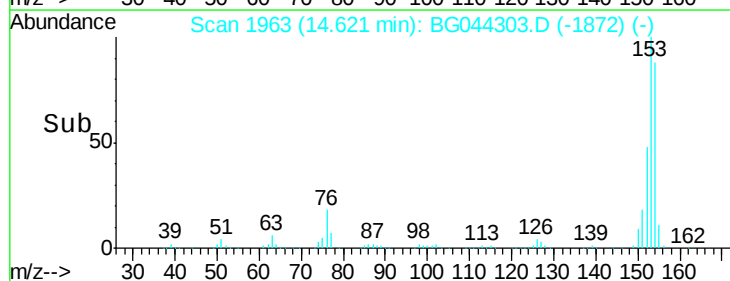
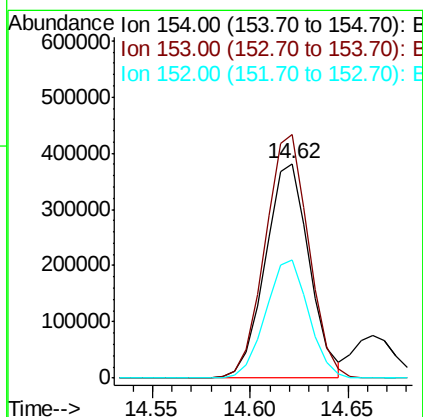
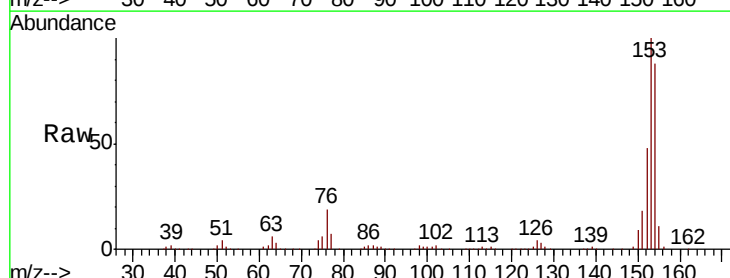
Instrument :
BNA_G
ClientSampleId :

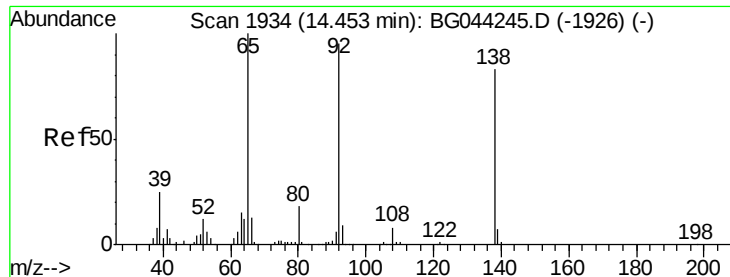
Tot Ion:165 Resp: 187360
Ion Ratio Lower Upper
165 100
63 45.8 38.7 58.1
89 49.0 40.4 60.6



#52
Acenaphthene
Concen: 40.026 ng
RT: 14.62 min Scan# 1963
Delta R.T. 0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Tgt Ion:154 Resp: 593524
Ion Ratio Lower Upper
154 100
153 113.6 87.9 131.9
152 54.9 43.1 64.7

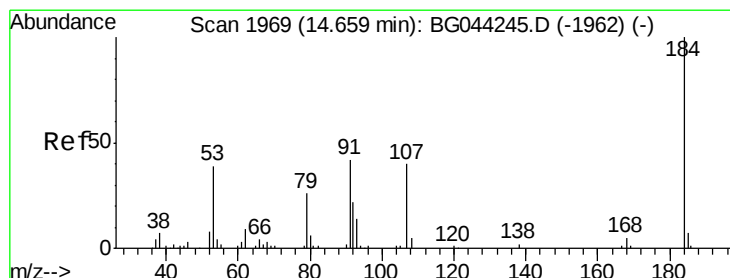
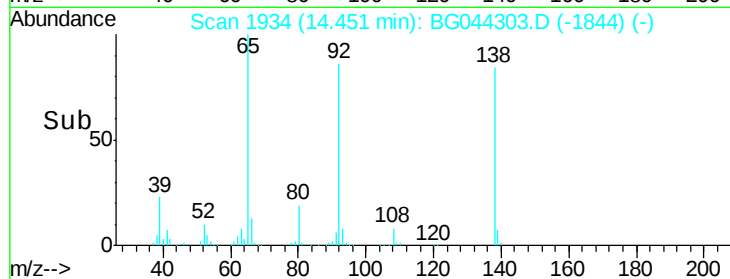
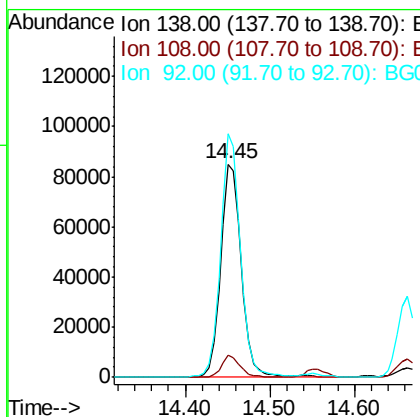
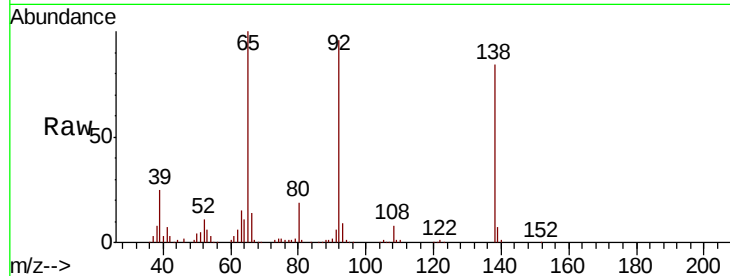




#53
 3-Nitroaniline
 Concen: 29.975 ng
 RT: 14.45 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG044303.D
 Acq: 5 Feb 2020 14:09

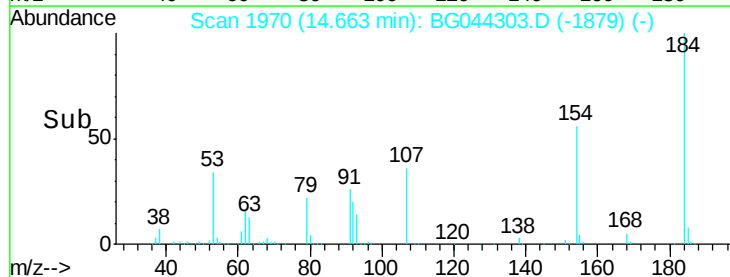
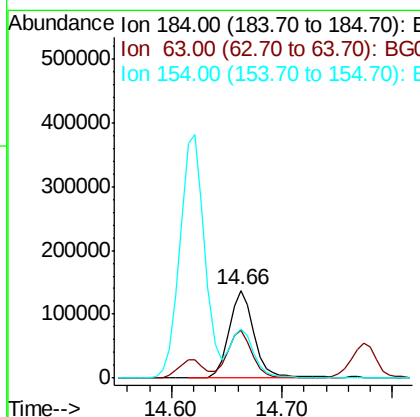
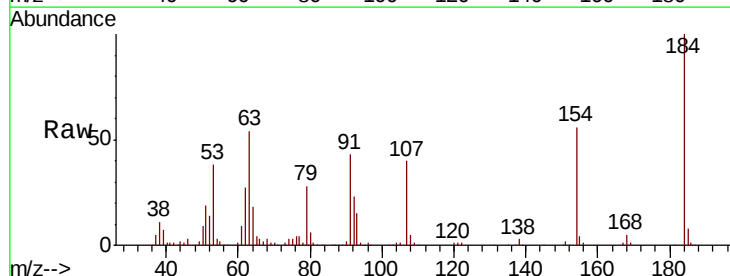
Instrument :
 BNA_G
 ClientSampleId :

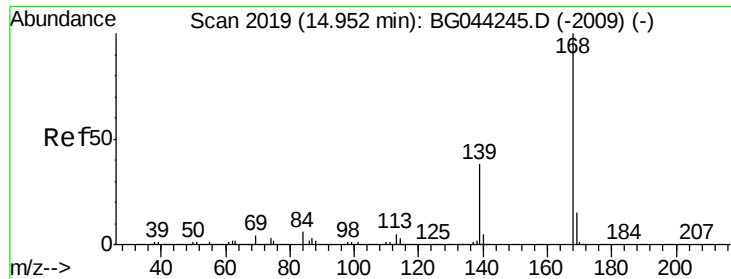
Tot Ion:138 Resp: 144437
 Ion Ratio Lower Upper
 138 100
 108 10.1 7.9 11.9
 92 114.0 91.0 136.4



#54
 2,4-Dinitrophenol
 Concen: 84.505 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: BG044303.D
 Acq: 5 Feb 2020 14:09

Tgt Ion:184 Resp: 219308
 Ion Ratio Lower Upper
 184 100
 63 54.1 44.1 66.1
 154 55.7 45.4 68.0

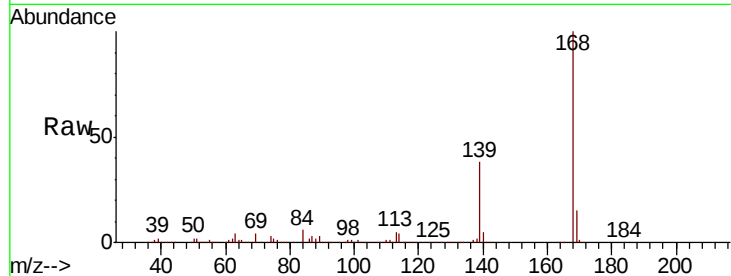




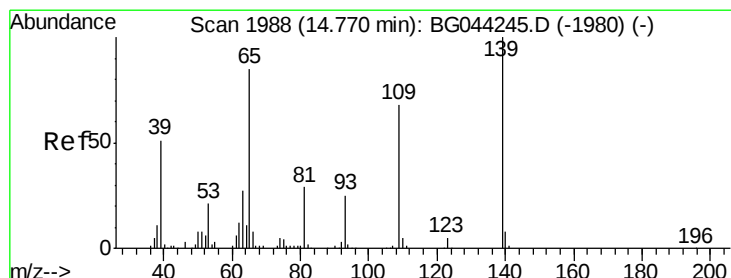
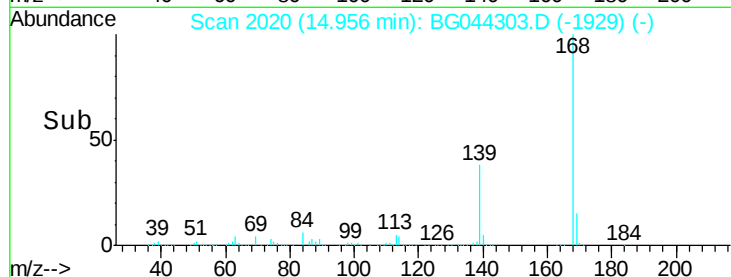
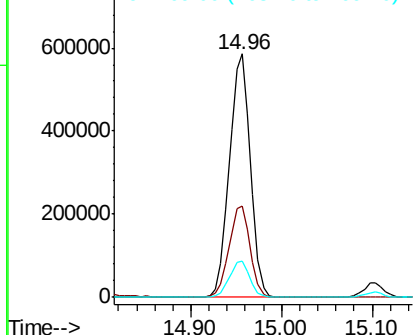
#55
Dibenzofuran
Concen: 42.005 ng
RT: 14.96 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 943044
Ion Ratio Lower Upper
168 100
139 37.7 30.5 45.7
169 14.7 11.7 17.5

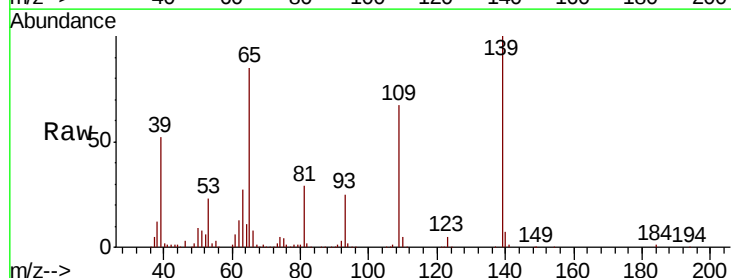


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

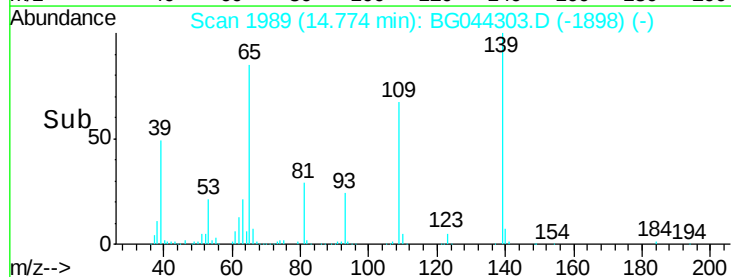
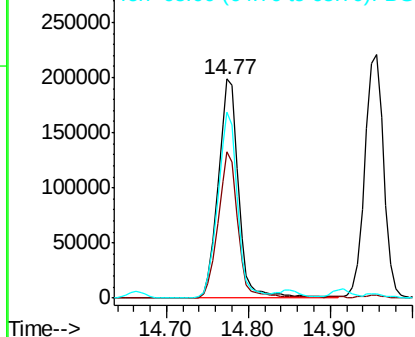


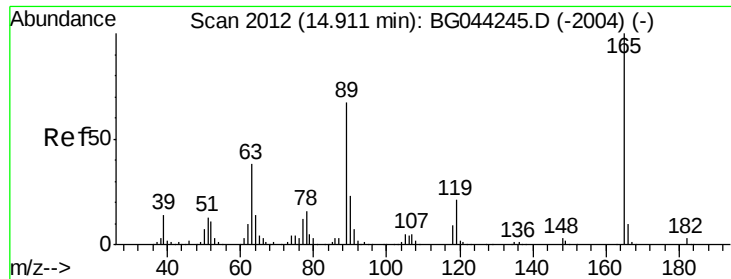
#56
4-Nitrophenol
Concen: 97.881 ng
RT: 14.77 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Tgt Ion:139 Resp: 345481
Ion Ratio Lower Upper
139 100
109 66.6 47.5 87.5
65 85.0 64.9 104.9



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

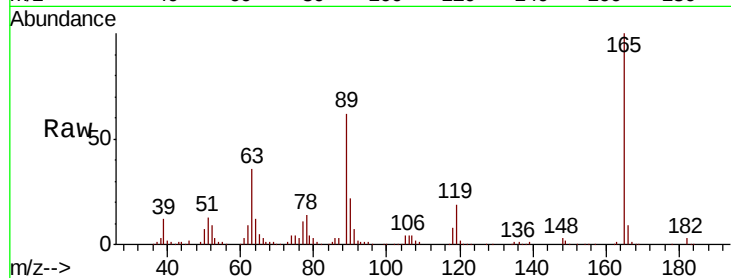




#57
2,4-Dinitrotoluene
Concen: 43.862 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	36.5	30.3	45.5
89	62.1	53.4	80.2
182	2.6	2.1	3.1

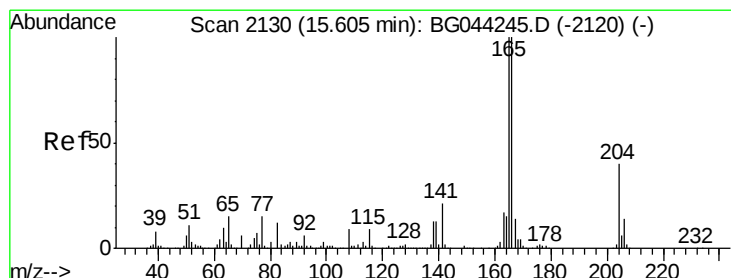
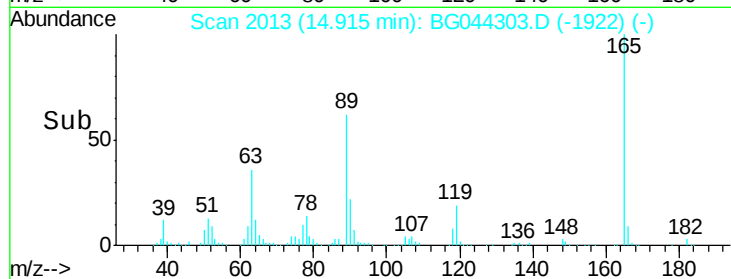
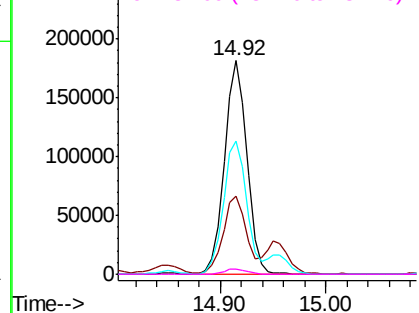


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

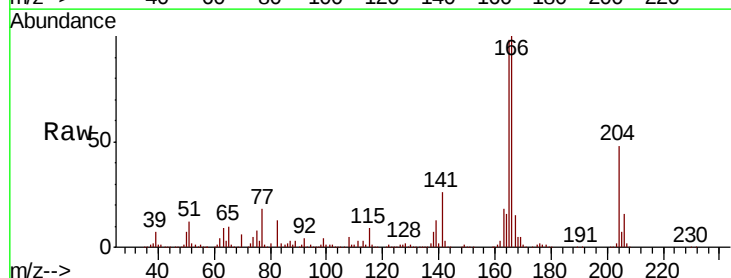
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.475 ng
RT: 15.60 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

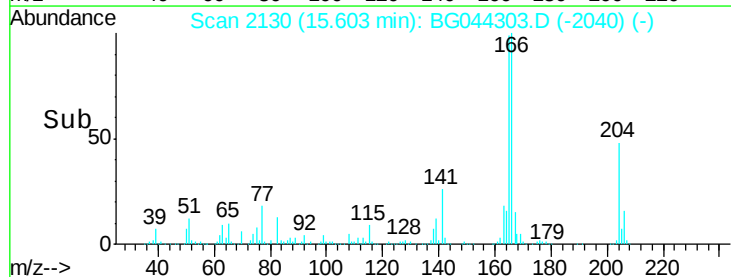
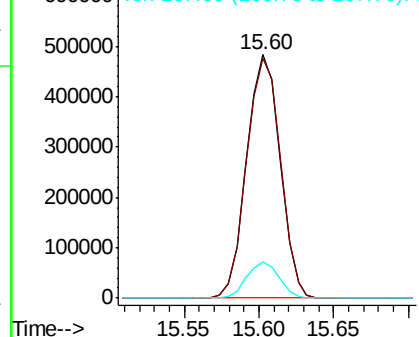
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.9	119.9
167	14.8	11.4	17.0

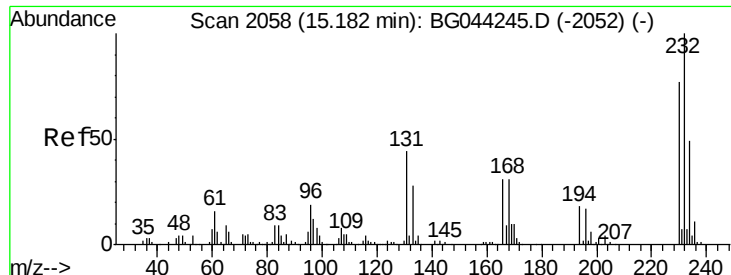


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

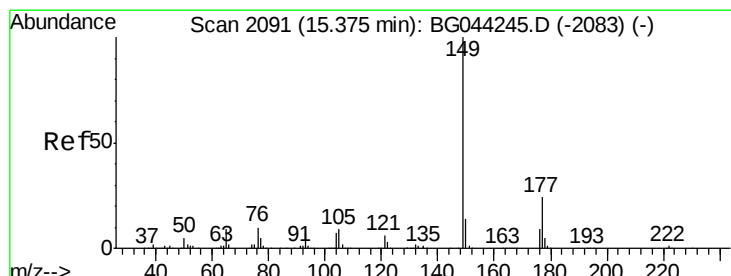
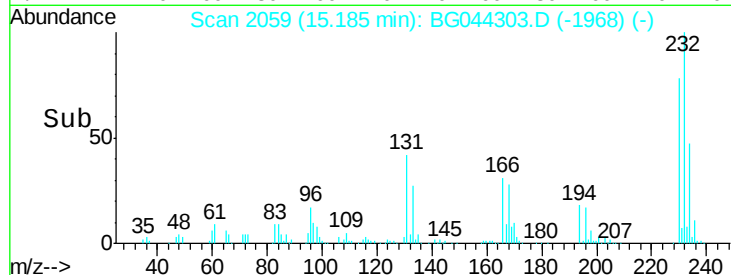
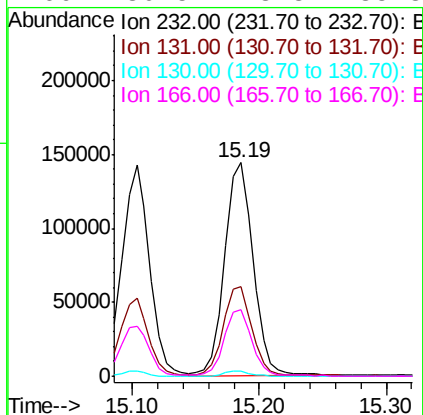
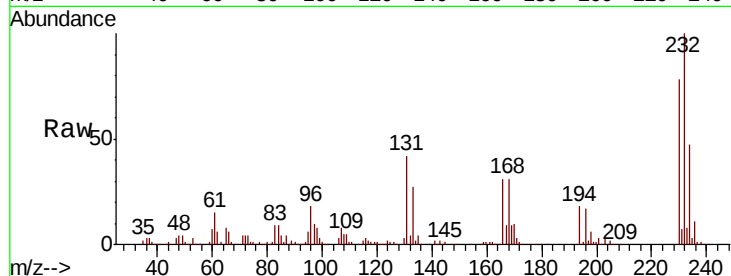




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.116 ng
 RT: 15.19 min Scan# 2059
 Delta R.T. 0.00 min
 Lab File: BG044303.D
 Acq: 5 Feb 2020 14:09

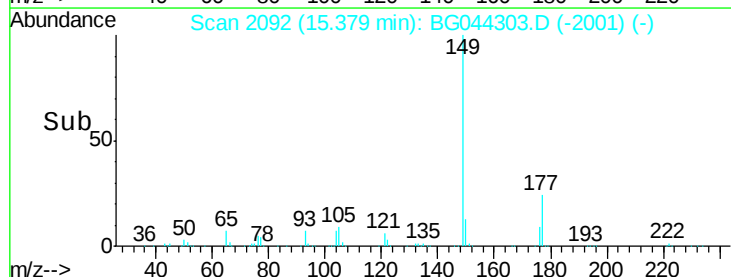
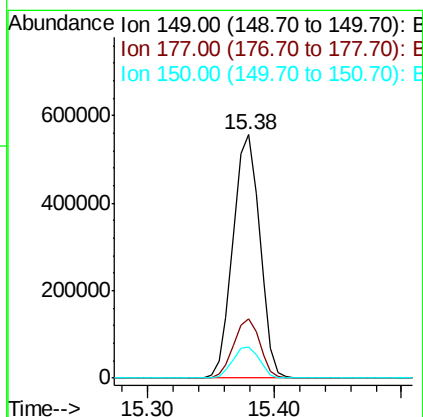
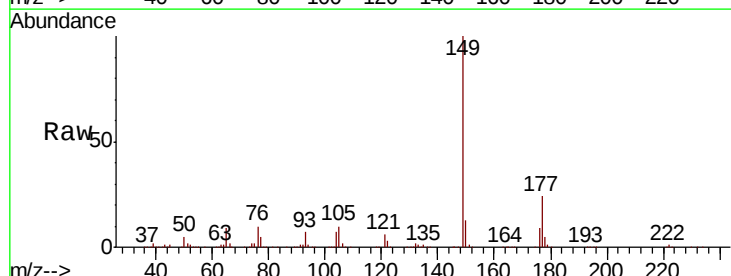
Instrument :
 BNA_G
 ClientSampled :

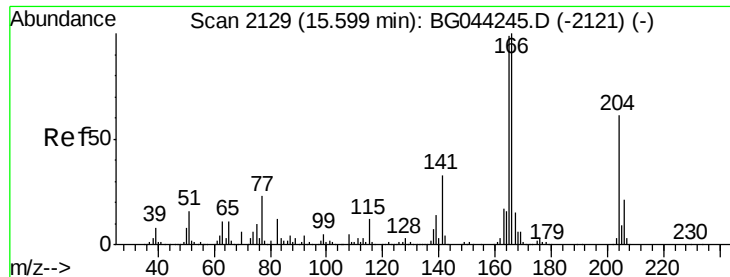
Tot Ion:	232	Resp:	223548
Ion	Ratio	Lower	Upper
232	100		
131	41.9	34.2	51.4
130	2.4	1.8	2.8
166	30.5	23.8	35.8



#60
 Diethylphthalate
 Concen: 41.637 ng
 RT: 15.38 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: BG044303.D
 Acq: 5 Feb 2020 14:09

Tgt Ion:	149	Resp:	810406
Ion	Ratio	Lower	Upper
149	100		
177	24.2	19.4	29.0
150	13.0	10.9	16.3

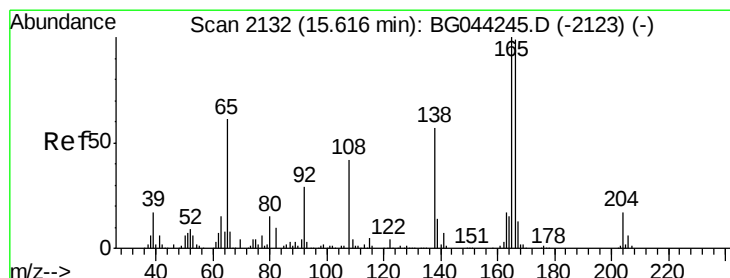
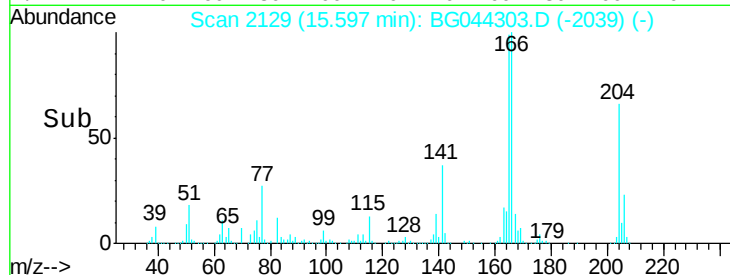
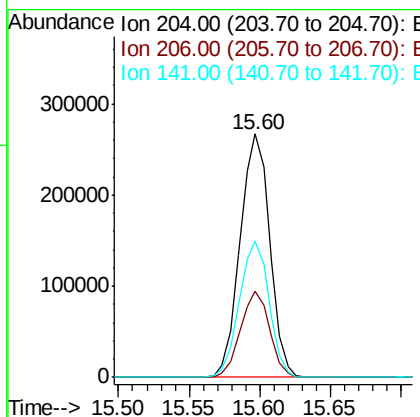
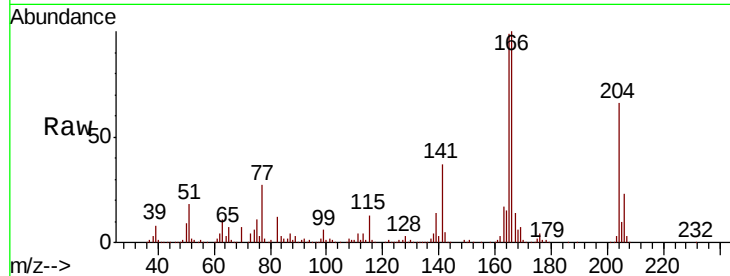




#61
 4-Chlorophenyl-phenylether
 Concen: 40.980 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. -0.00 min
 Lab File: BG044303.D
 Acq: 5 Feb 2020 14:09

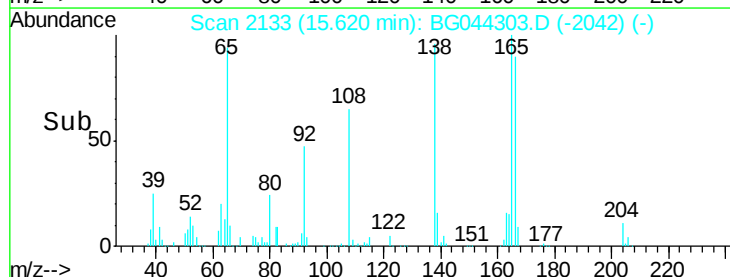
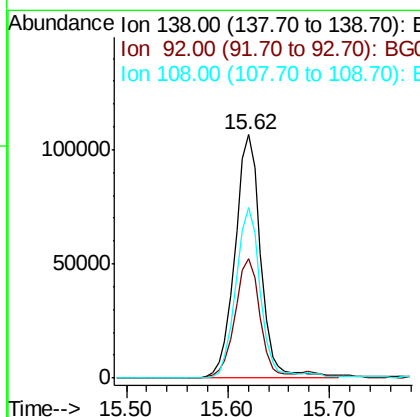
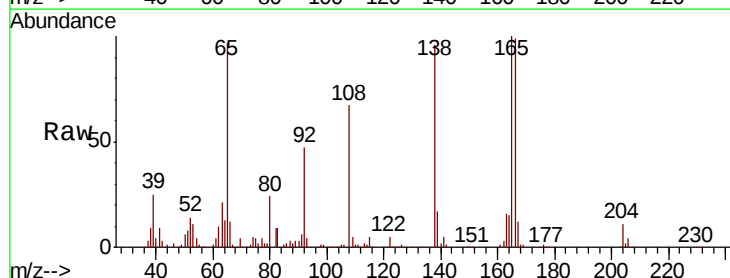
Instrument :
 BNA_G
 ClientSampleId :

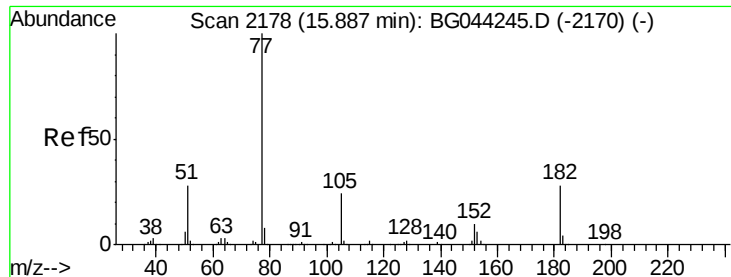
Tot Ion	Ratio	Lower	Upper
204	100		
206	35.4	27.6	41.4
141	56.0	43.4	65.0



#62
 4-Nitroaniline
 Concen: 39.263 ng
 RT: 15.62 min Scan# 2133
 Delta R.T. 0.00 min
 Lab File: BG044303.D
 Acq: 5 Feb 2020 14:09

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.1	31.3	71.3
108	69.9	52.6	92.6

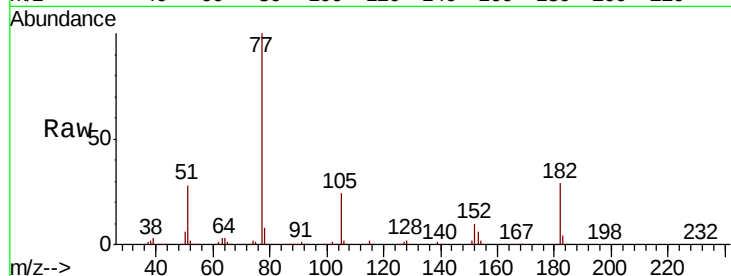




#63
Azobenzene
Concen: 42.762 ng
RT: 15.89 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.0	8.2	48.2
105	23.9	3.6	43.6
51	28.5	8.3	48.3



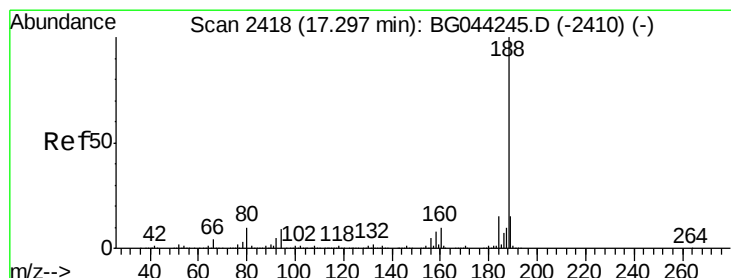
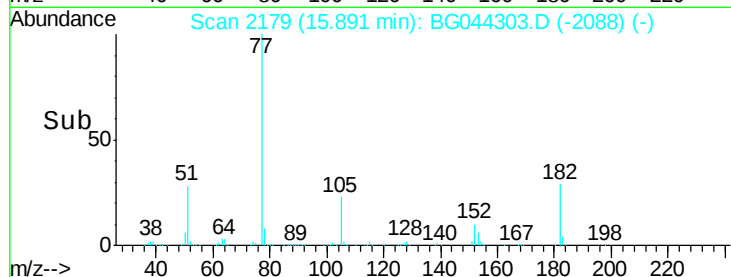
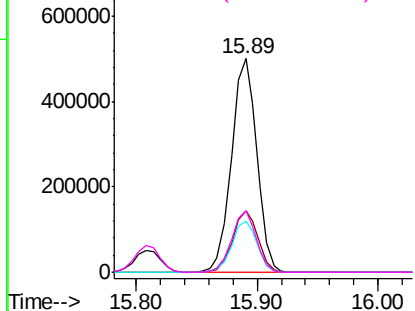
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

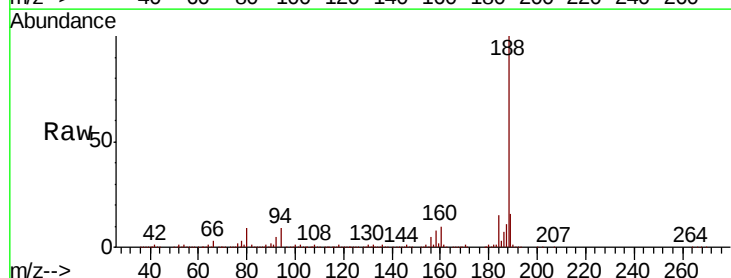
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.4	11.2
80	9.2	7.7	11.5

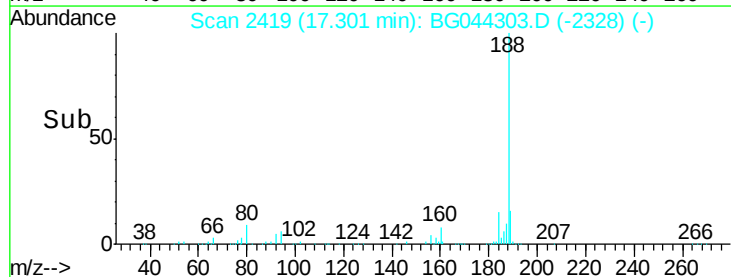
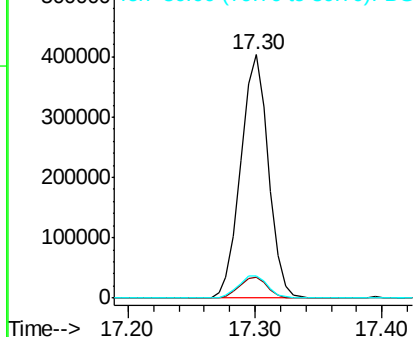


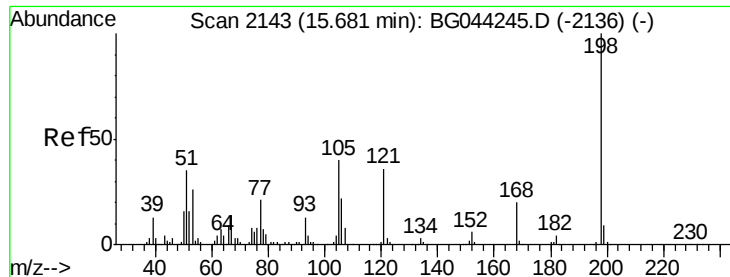
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 47.528 ng

RT: 15.68 min Scan# 2143

Delta R.T. -0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

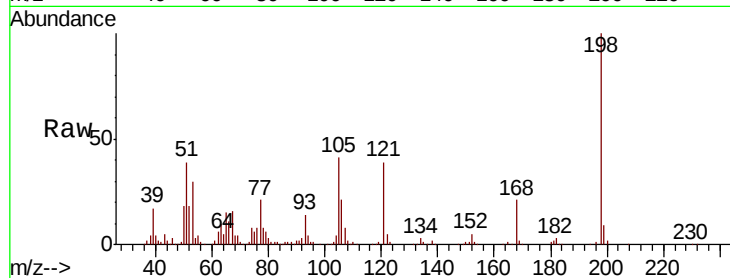
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 160224

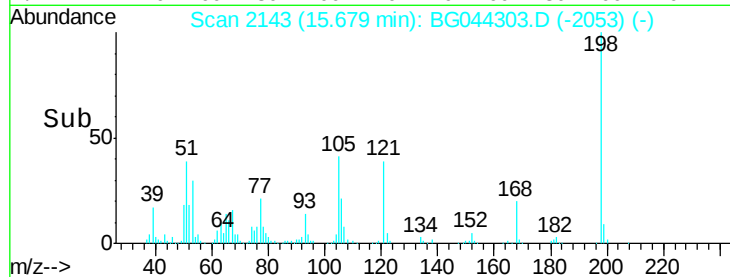
Ion	Ratio	Lower	Upper
198	100		
51	39.2	16.6	56.6
105	40.9	20.6	60.6



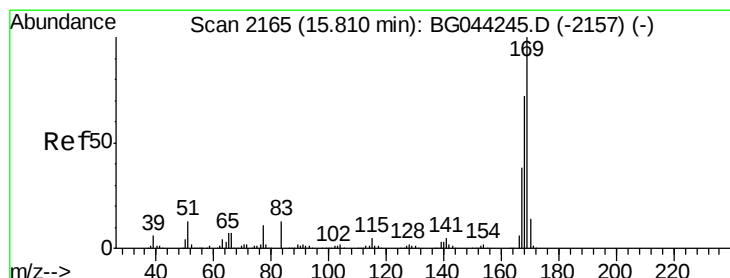
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG044303.D (-2053) (-)

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 41.740 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

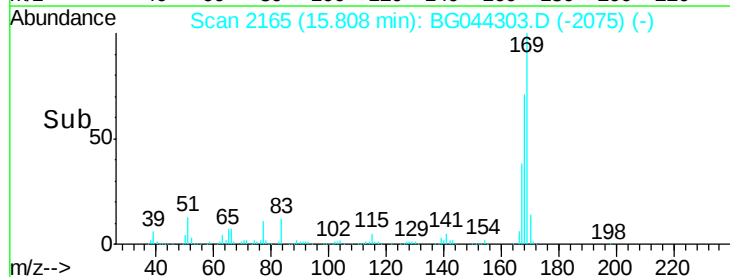
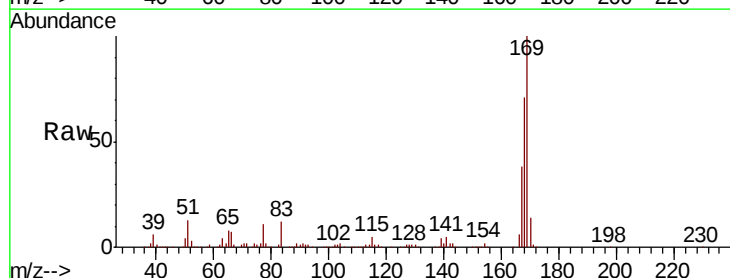
Tgt Ion:169 Resp: 714371

Ion	Ratio	Lower	Upper
169	100		
168	70.5	57.9	86.9
167	38.1	30.7	46.1

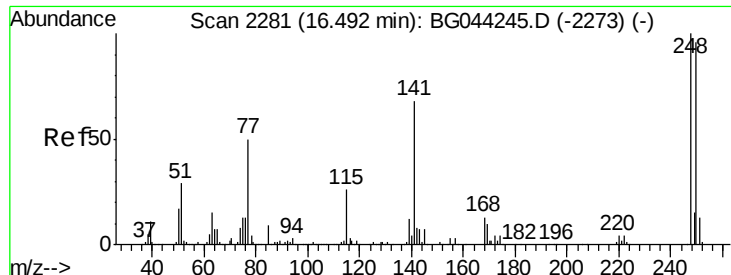
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



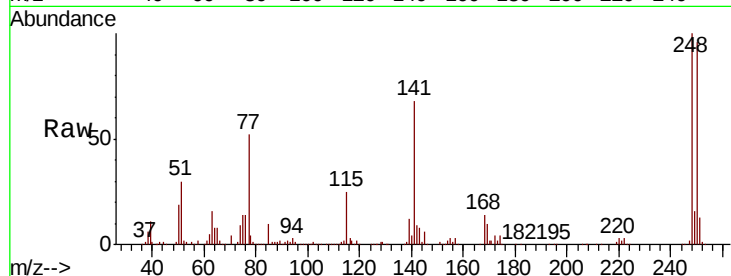
Time-->



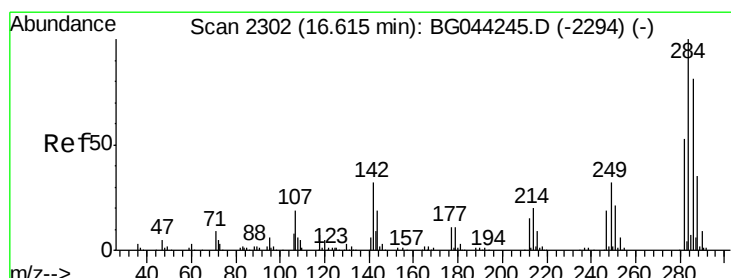
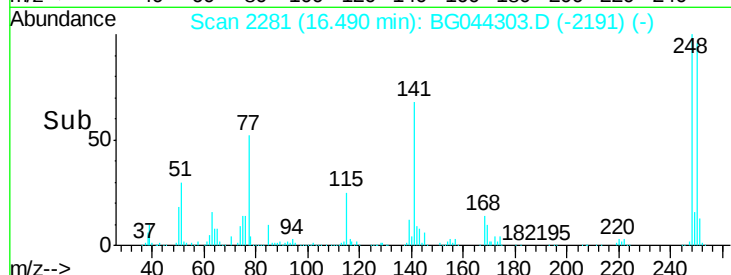
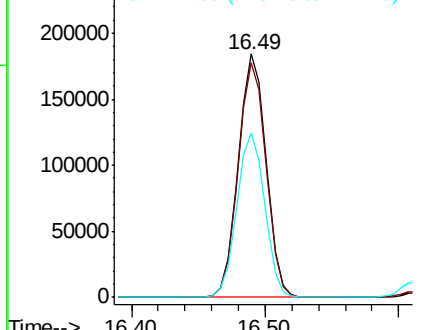
#67
 4-Bromophenyl-phenylether
 Concen: 39.855 ng
 RT: 16.49 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BG044303.D
 Acq: 5 Feb 2020 14:09

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 265179
 Ion Ratio Lower Upper
 248 100
 250 96.4 76.6 114.8
 141 67.7 54.7 82.1

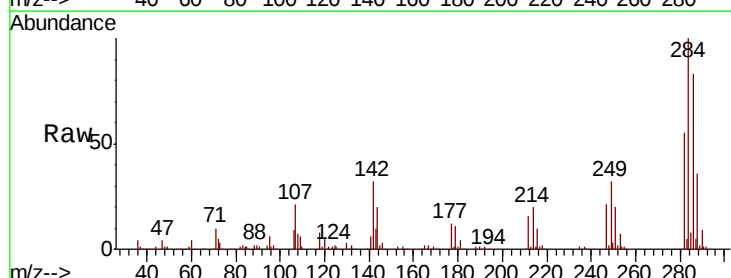


Abundance Ion 248.00 (247.70 to 248.70): E
 250000 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

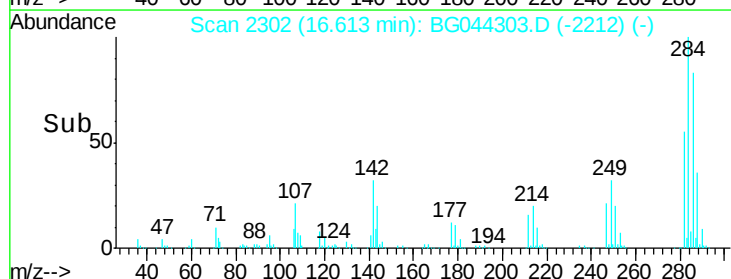
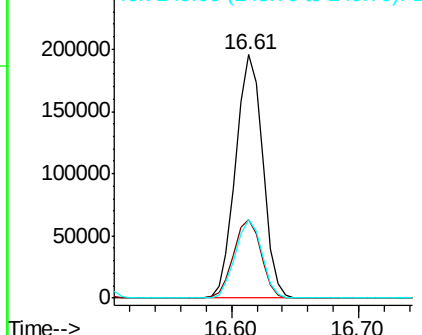


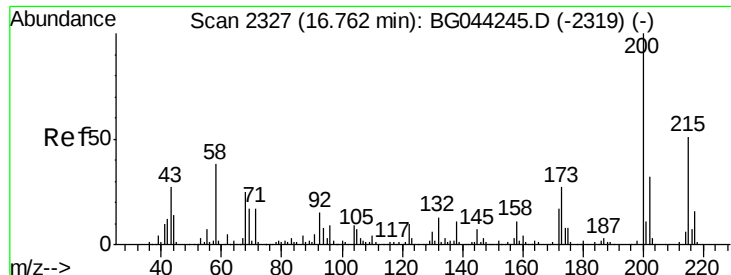
#68
 Hexachlorobenzene
 Concen: 38.685 ng
 RT: 16.61 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: BG044303.D
 Acq: 5 Feb 2020 14:09

Tgt Ion:284 Resp: 288370
 Ion Ratio Lower Upper
 284 100
 142 32.1 25.3 37.9
 249 32.4 25.5 38.3



Abundance Ion 283.80 (283.50 to 284.50): E
 250000 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

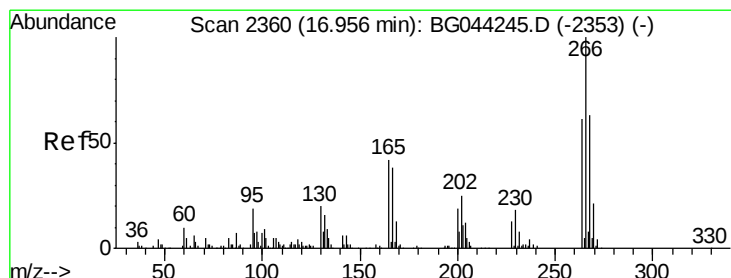
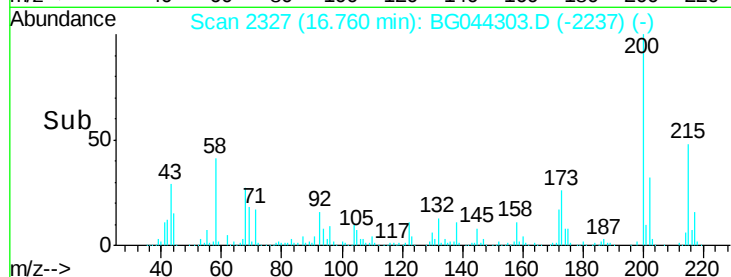
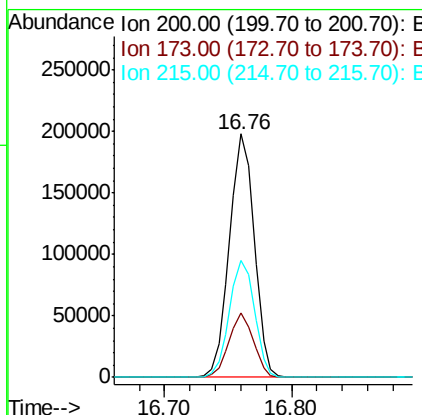
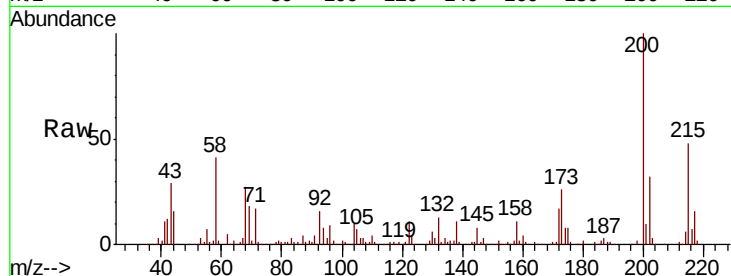




#69
 Atrazine
 Concen: 45.831 ng
 RT: 16.76 min Scan# 2327
 Delta R.T. -0.00 min
 Lab File: BG044303.D
 Acq: 5 Feb 2020 14:09

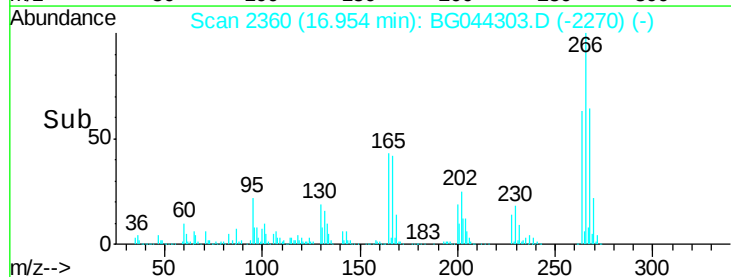
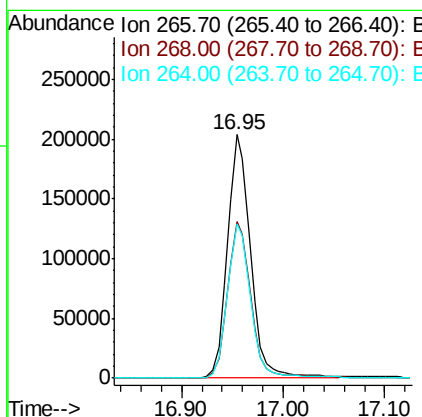
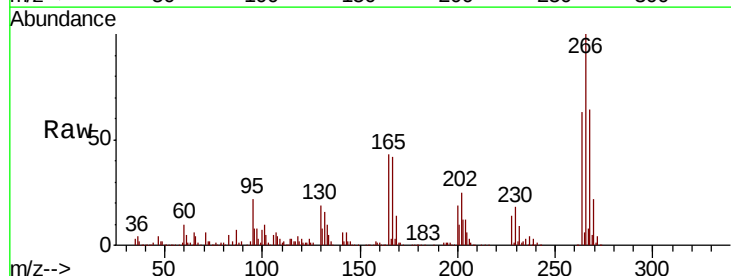
Instrument :
 BNA_G
 ClientSampleId :

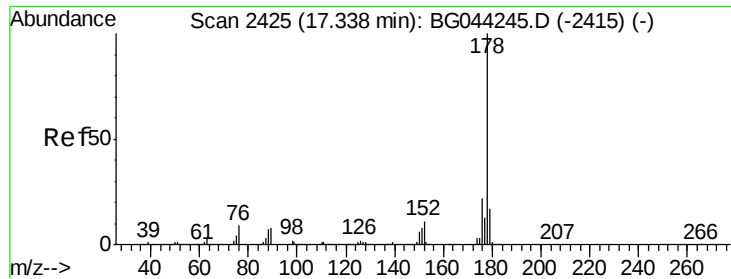
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.5	6.6	46.6
215	47.8	31.0	71.0



#70
 Pentachlorophenol
 Concen: 85.477 ng
 RT: 16.95 min Scan# 2360
 Delta R.T. -0.00 min
 Lab File: BG044303.D
 Acq: 5 Feb 2020 14:09

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	50.6	75.8
264	63.1	48.7	73.1

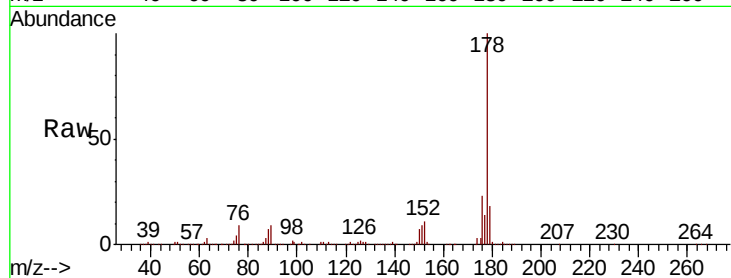




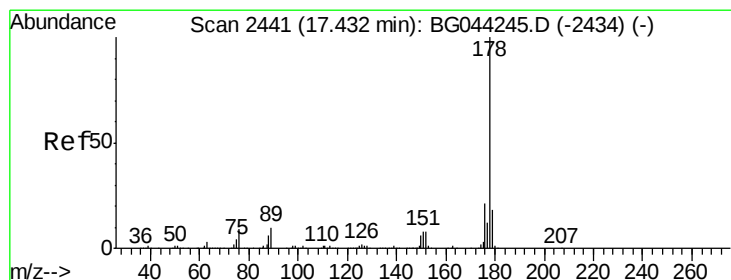
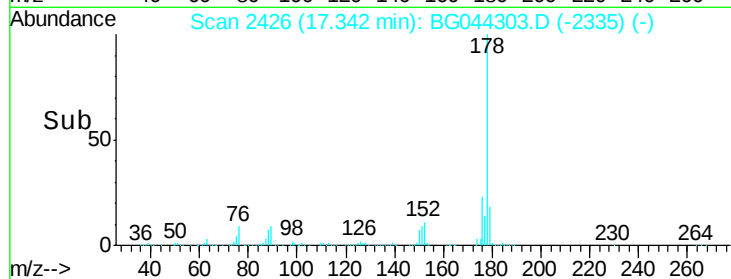
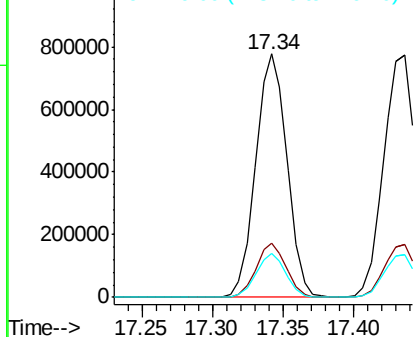
#71
Phenanthrene
Concen: 40.850 ng
RT: 17.34 min Scan# 2426
Delta R.T. 0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 1208051
Ion Ratio Lower Upper
178 100
176 22.5 17.7 26.5
179 18.1 13.7 20.5

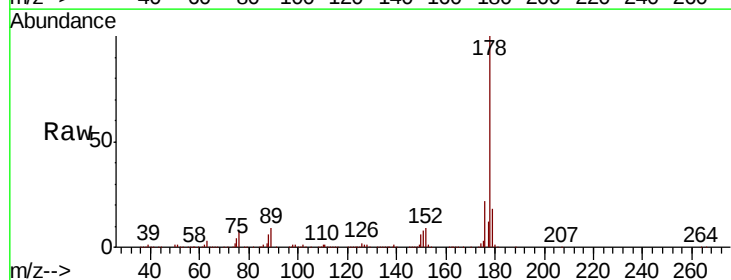


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

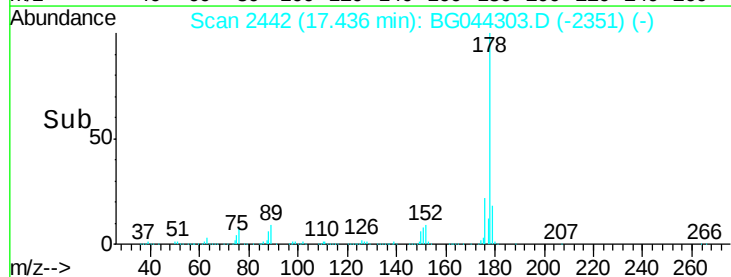
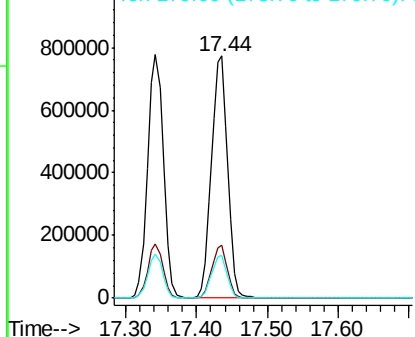


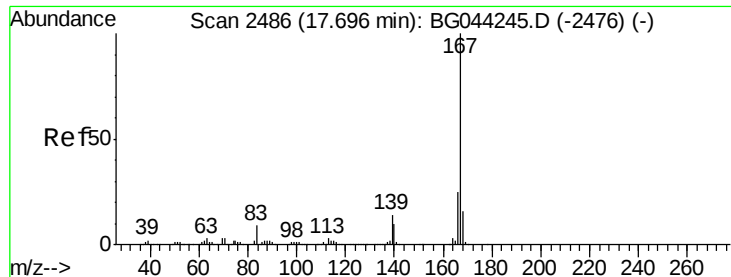
#72
Anthracene
Concen: 42.064 ng
RT: 17.44 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Tgt Ion:178 Resp: 1229856
Ion Ratio Lower Upper
178 100
176 21.7 17.0 25.4
179 17.6 14.4 21.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.416 ng

RT: 17.70 min Scan# 2487

Delta R.T. 0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

Instrument :

BNA_G

ClientSampleId :

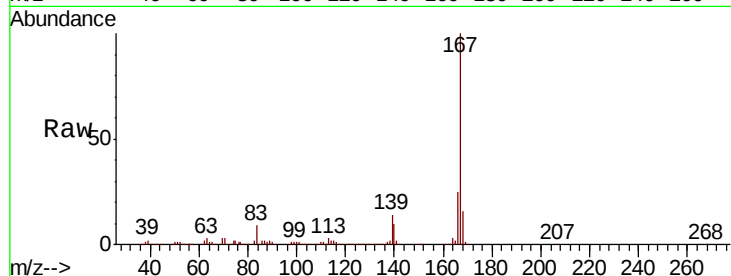
Tot Ion:167 Resp: 1116321

Ion Ratio Lower Upper

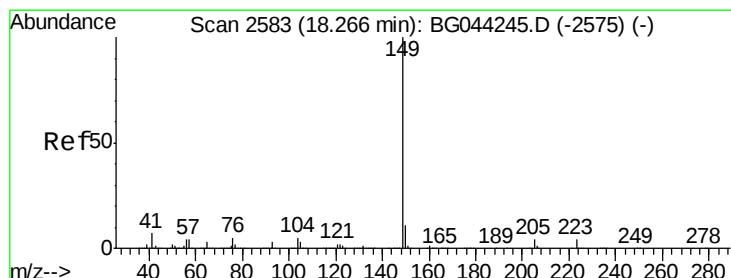
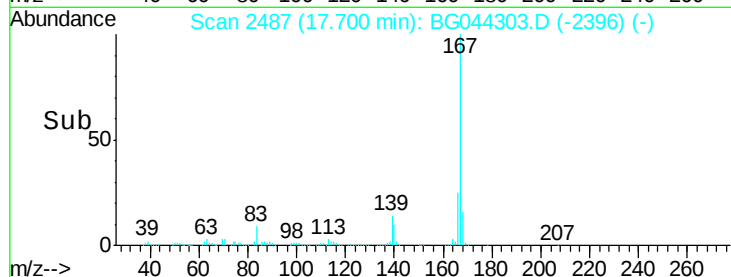
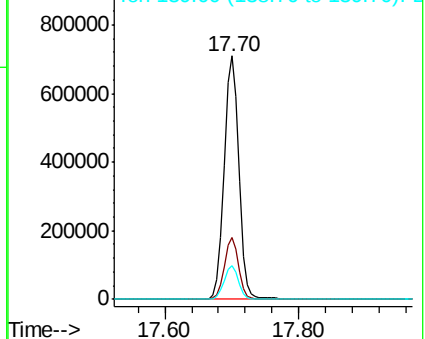
167 100

166 25.5 19.8 29.6

139 14.0 11.1 16.7



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



#74

Di-n-butylphthalate

Concen: 40.644 ng

RT: 18.26 min Scan# 2583

Delta R.T. -0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

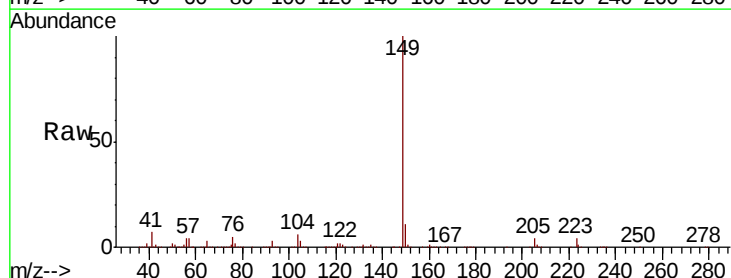
Tgt Ion:149 Resp: 1353772

Ion Ratio Lower Upper

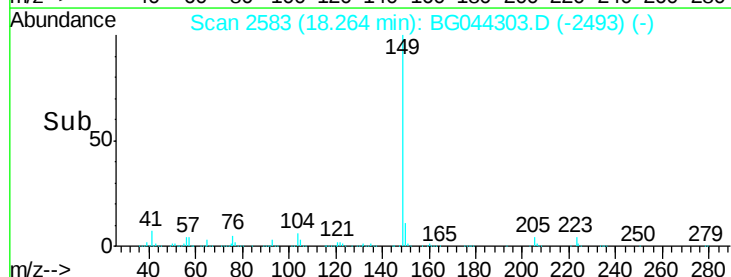
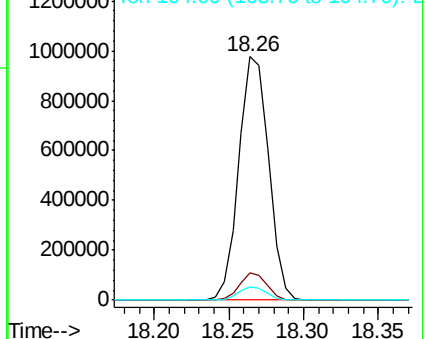
149 100

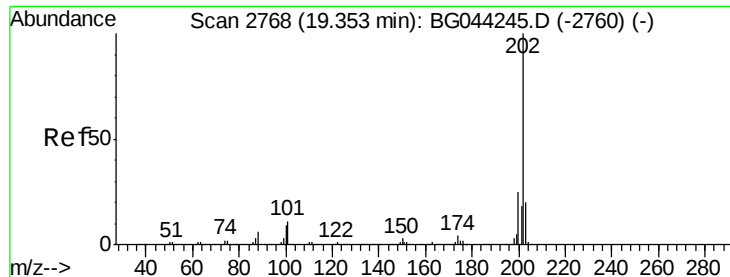
150 11.1 8.7 13.1

104 5.6 4.3 6.5



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





#75

Fluoranthene

Concen: 41.070 ng

RT: 19.35 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

Instrument :

BNA_G

ClientSampleId :

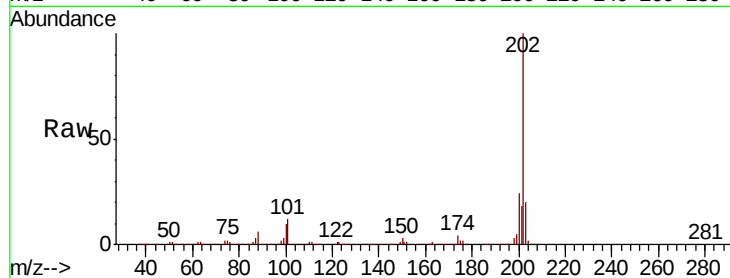
Tot Ion:202 Resp: 1405005

Ion Ratio Lower Upper

202 100

101 11.9 0.0 31.3

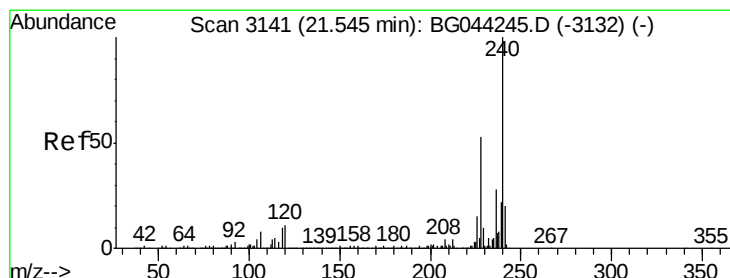
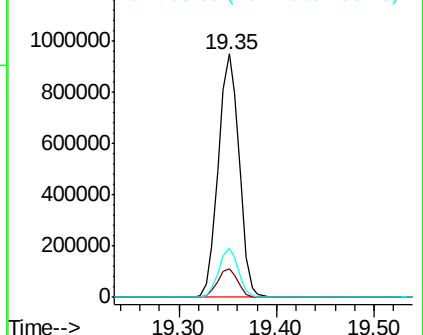
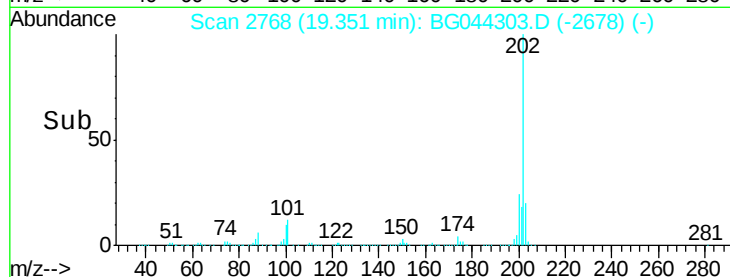
203 20.3 0.0 39.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

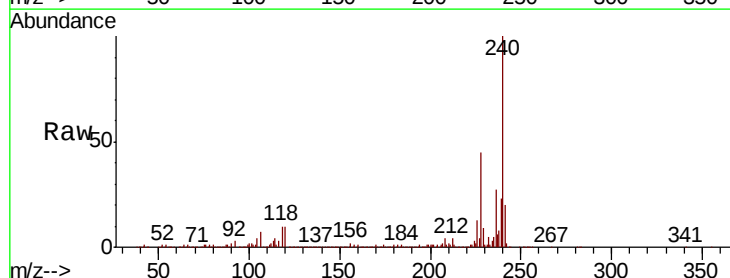
Tgt Ion:240 Resp: 540833

Ion Ratio Lower Upper

240 100

120 10.1 8.4 12.6

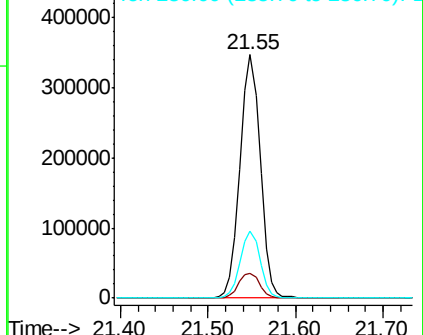
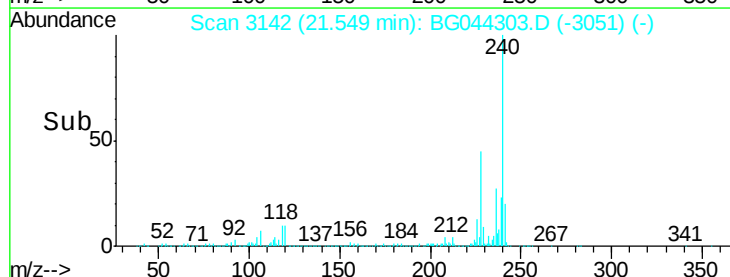
236 27.4 22.1 33.1

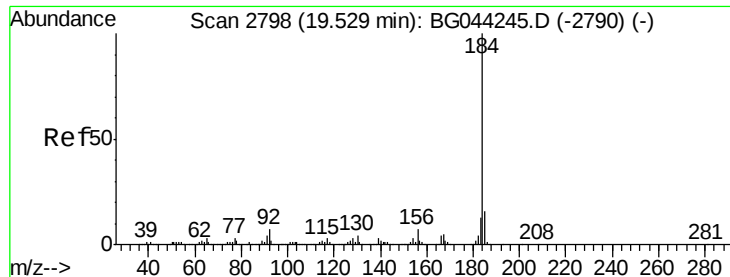


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 18.349 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

Instrument :

BNA_G

ClientSampleId :

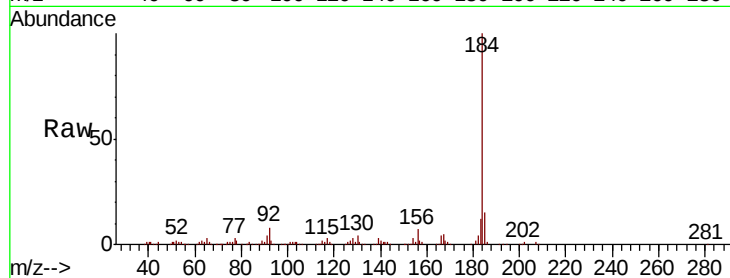
Tot Ion:184 Resp: 275264

Ion Ratio Lower Upper

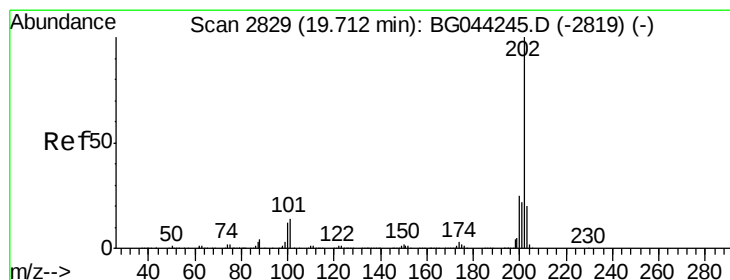
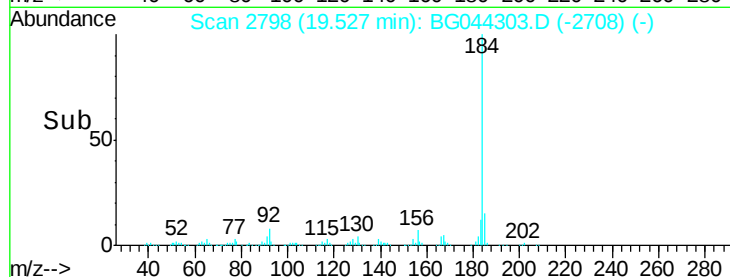
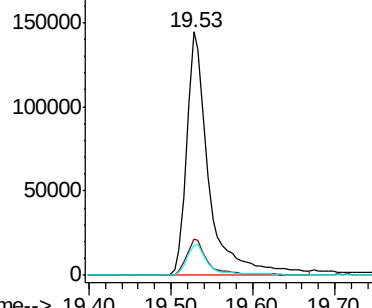
184 100

185 15.1 12.9 19.3

183 12.3 10.8 16.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.084 ng

RT: 19.71 min Scan# 2829

Delta R.T. -0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

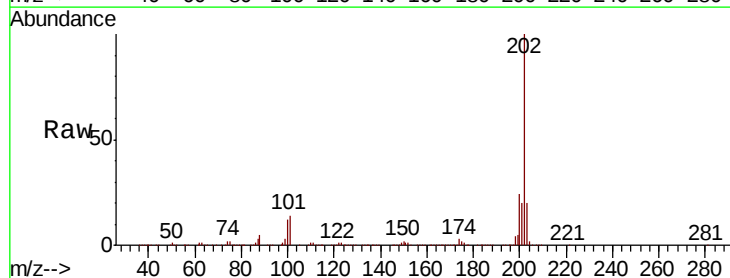
Tgt Ion:202 Resp: 1426942

Ion Ratio Lower Upper

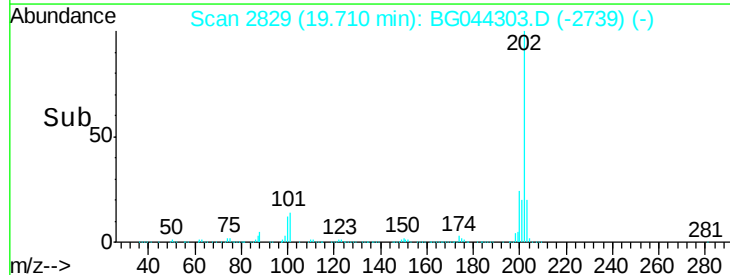
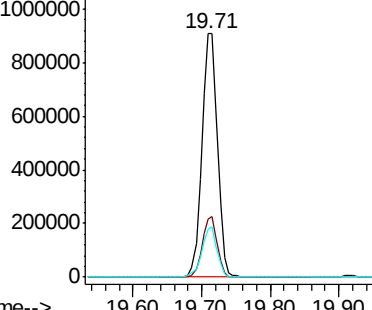
202 100

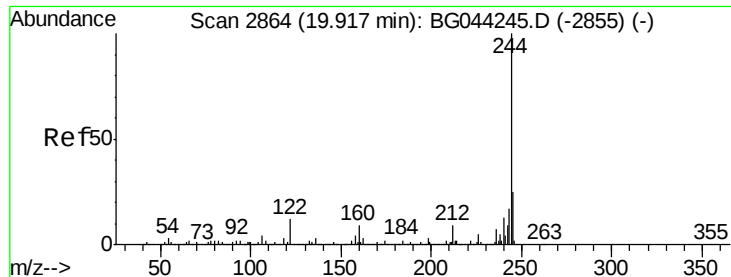
200 23.9 20.0 30.0

203 19.8 16.2 24.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

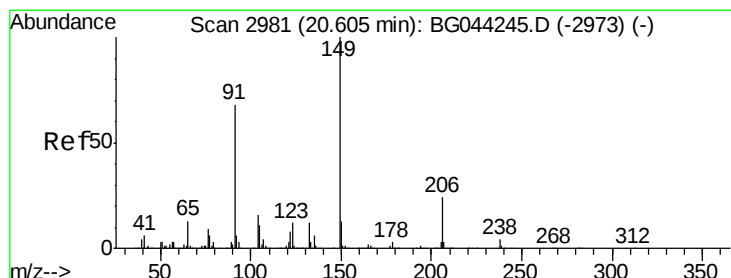
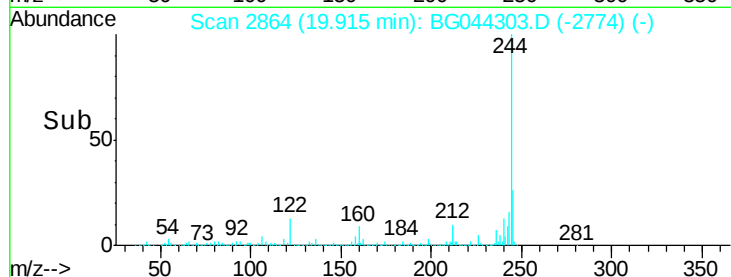
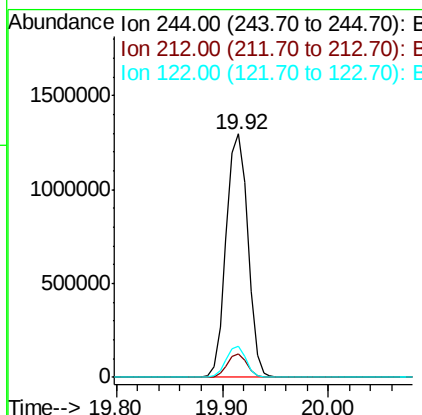
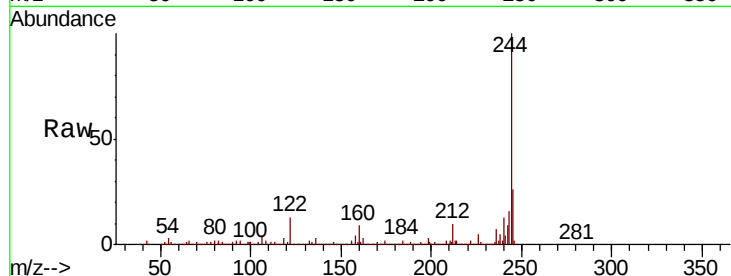




#79
 Terphenyl-d14
 Concen: 70.148 ng
 RT: 19.92 min Scan# 2864
 Delta R.T. -0.00 min
 Lab File: BG044303.D
 Acq: 5 Feb 2020 14:09

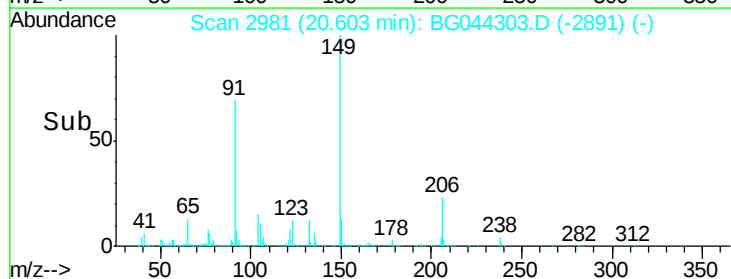
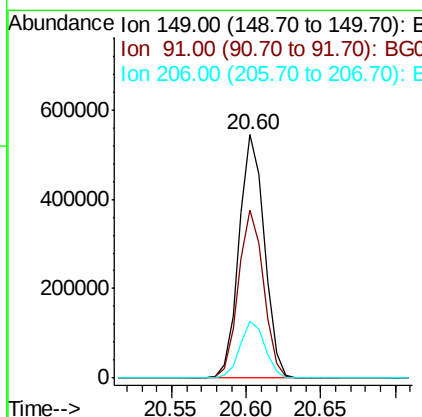
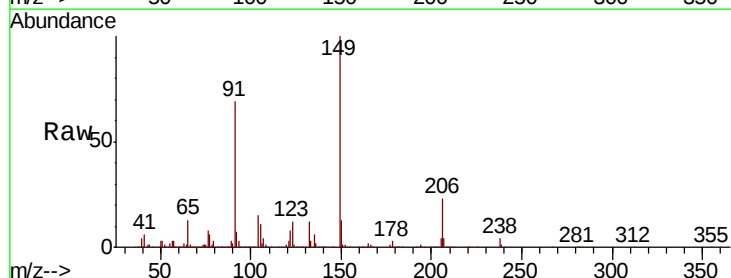
Instrument :
 BNA_G
 ClientSampleId :

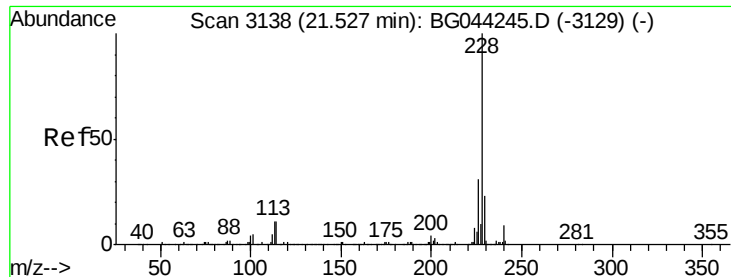
Tot Ion:244 Resp: 1844461
 Ion Ratio Lower Upper
 244 100
 212 9.5 7.4 11.2
 122 12.5 9.8 14.6



#80
 Butylbenzylphthalate
 Concen: 40.688 ng
 RT: 20.60 min Scan# 2981
 Delta R.T. -0.00 min
 Lab File: BG044303.D
 Acq: 5 Feb 2020 14:09

Tgt Ion:149 Resp: 644004
 Ion Ratio Lower Upper
 149 100
 91 68.8 54.5 81.7
 206 23.5 19.1 28.7

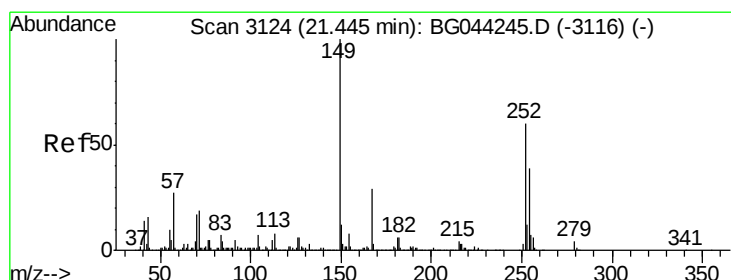
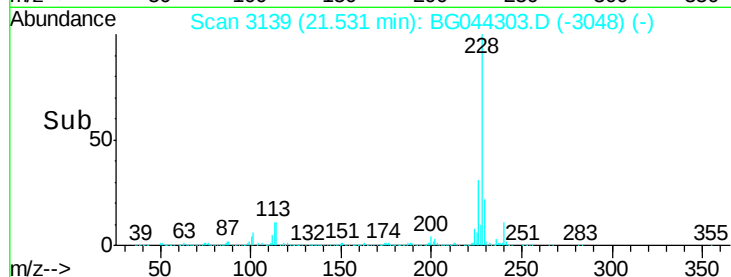
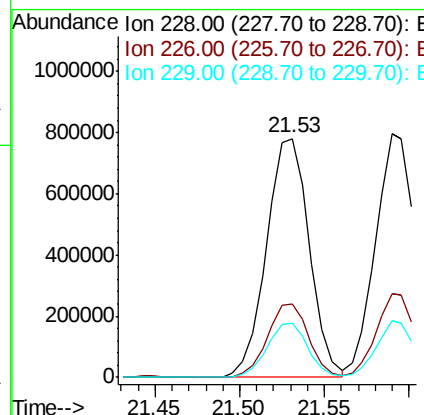
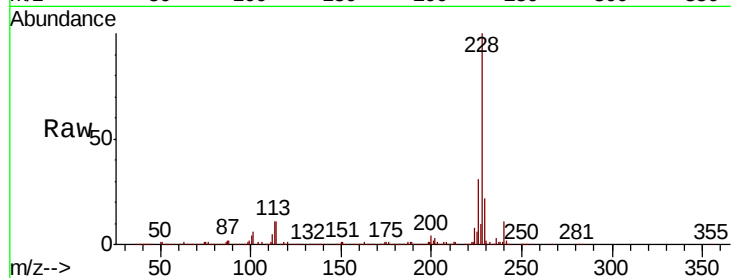




#81
Benzo(a)anthracene
Concen: 41.093 ng
RT: 21.53 min Scan# 3139
Delta R.T. 0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

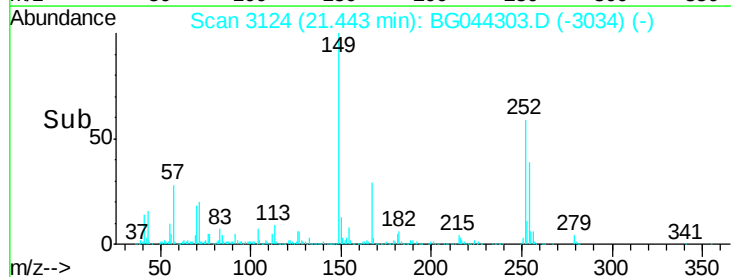
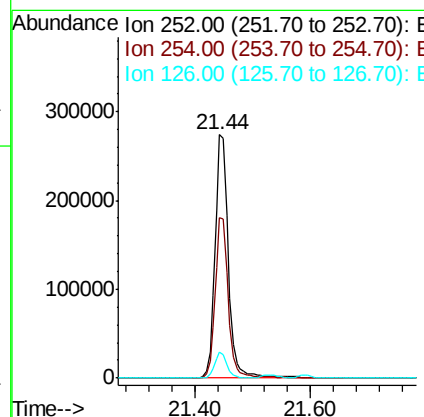
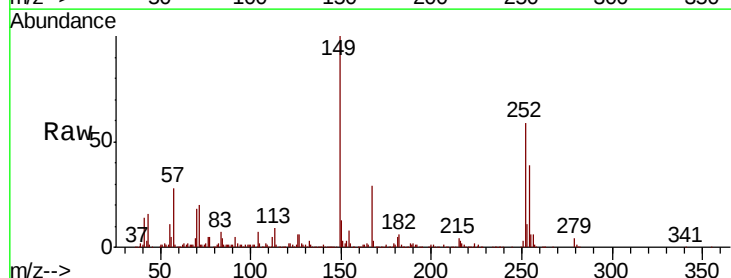
Instrument :
BNA_G
ClientSampleId :

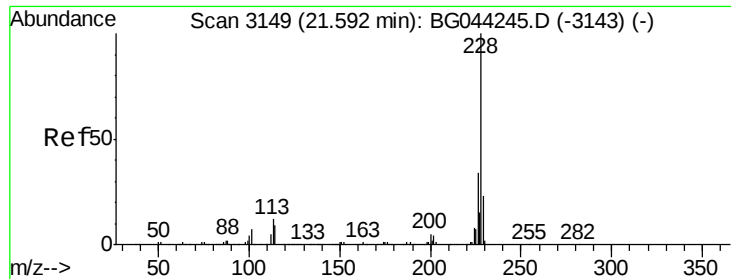
Tot Ion:228 Resp: 1369722
Ion Ratio Lower Upper
228 100
226 30.7 24.7 37.1
229 22.5 18.2 27.4



#82
3,3'-Dichlorobenzidine
Concen: 34.349 ng
RT: 21.44 min Scan# 3124
Delta R.T. -0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Tgt Ion:252 Resp: 444357
Ion Ratio Lower Upper
252 100
254 65.8 52.6 78.8
126 10.9 8.2 12.4





#83

Chrysene

Concen: 40.681 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

Instrument :

BNA_G

ClientSampleId :

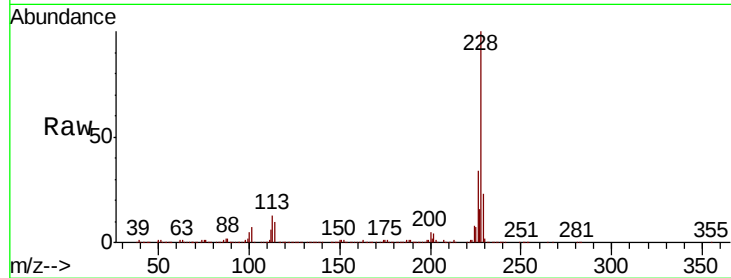
Tot Ion:228 Resp: 1310680

Ion Ratio Lower Upper

228 100

226 34.5 27.1 40.7

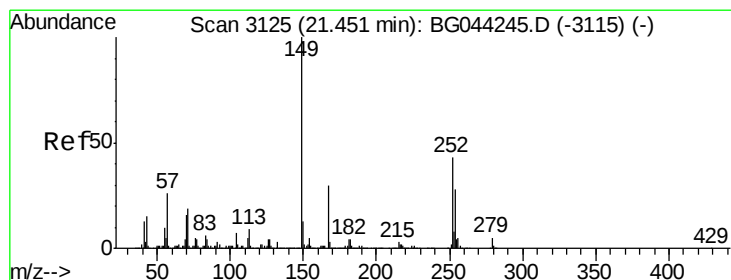
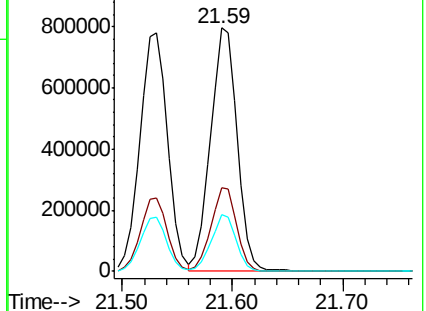
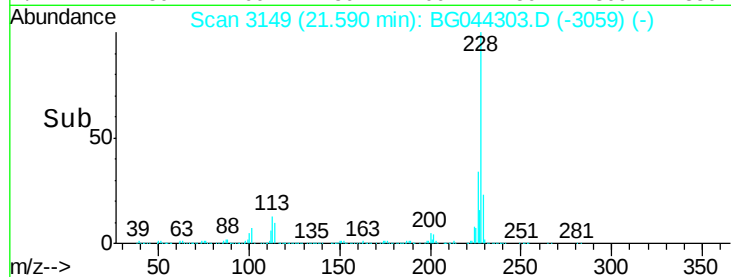
229 23.1 17.9 26.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.736 ng

RT: 21.45 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

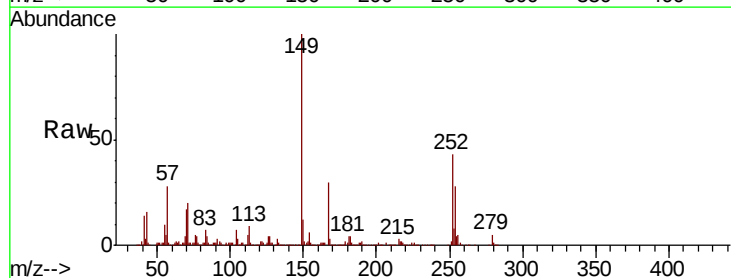
Tgt Ion:149 Resp: 887463

Ion Ratio Lower Upper

149 100

167 29.9 24.0 36.0

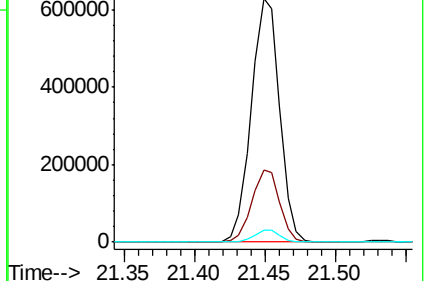
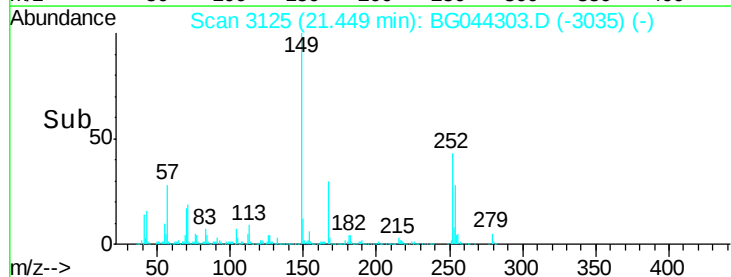
279 4.7 3.8 5.8

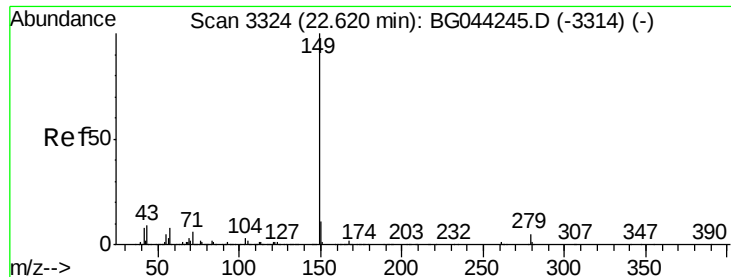


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.568 ng

RT: 22.62 min Scan# 3324

Delta R.T. -0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

Instrument :

BNA_G

ClientSampled :

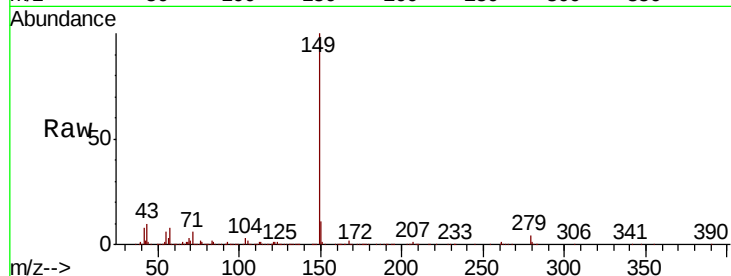
Tot Ion:149 Resp: 1566886

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

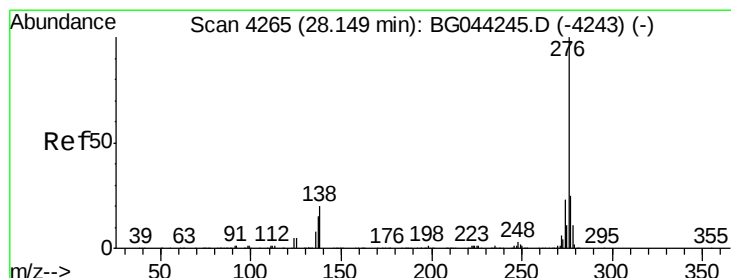
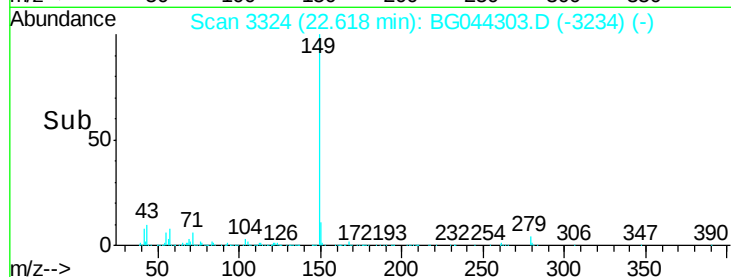
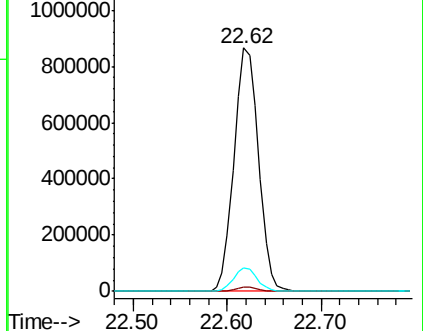
43 9.2 7.4 11.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.520 ng

RT: 28.15 min Scan# 4266

Delta R.T. 0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

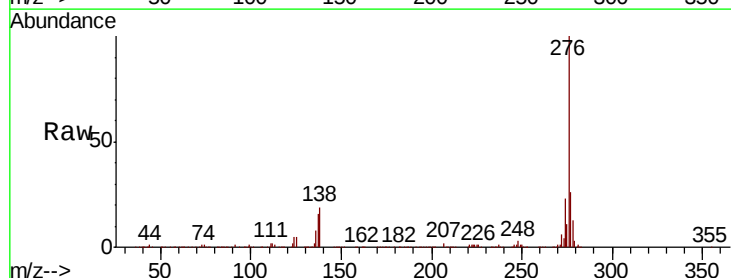
Tgt Ion:276 Resp: 1703206

Ion Ratio Lower Upper

276 100

138 24.3 19.4 29.0

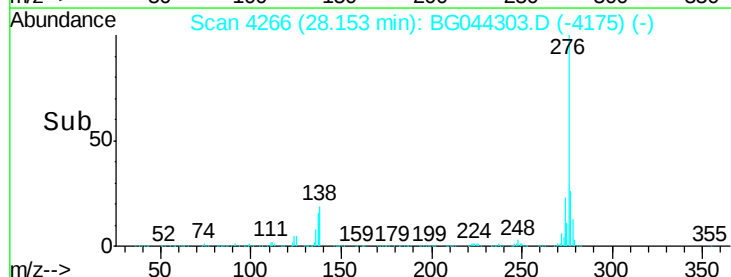
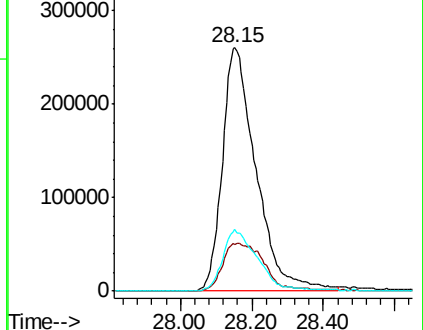
277 26.2 21.0 31.6

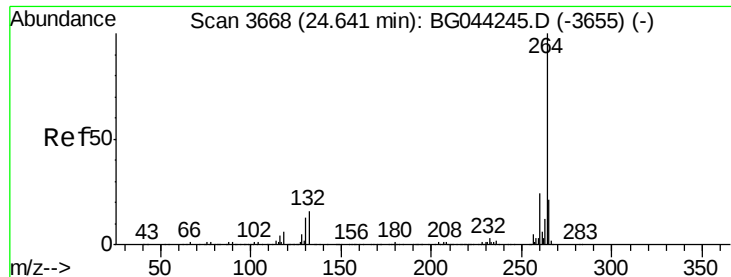


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.64 min Scan# 3669

Delta R.T. 0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

Instrument :

BNA_G

ClientSampleId :

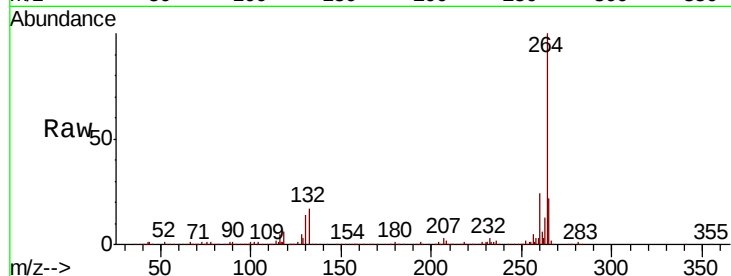
Tot Ion:264 Resp: 499326

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

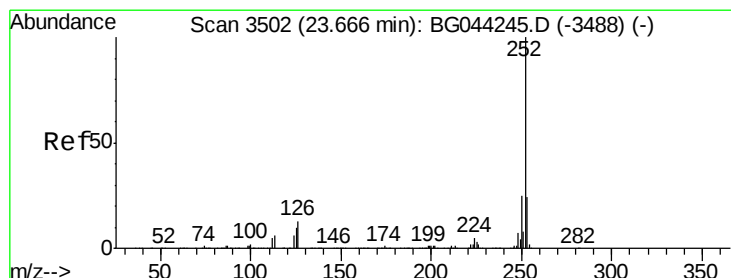
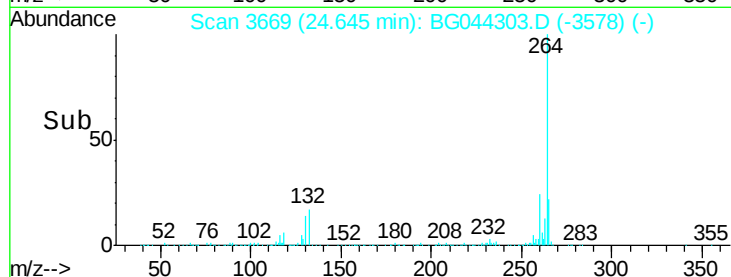
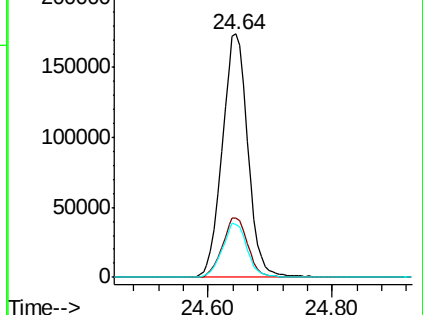
265 21.8 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 50.417 ng

RT: 23.67 min Scan# 3503

Delta R.T. 0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

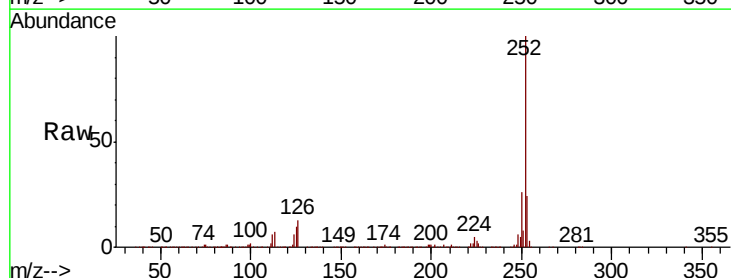
Tgt Ion:252 Resp: 1450645

Ion Ratio Lower Upper

252 100

253 24.3 19.2 28.8

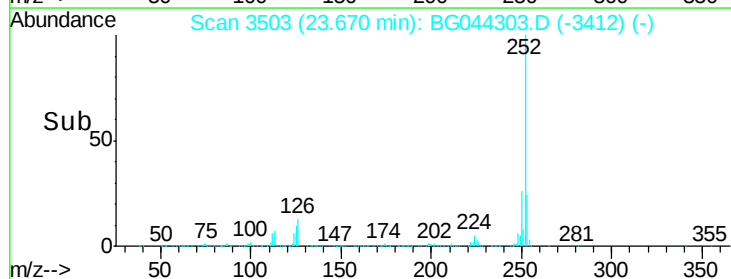
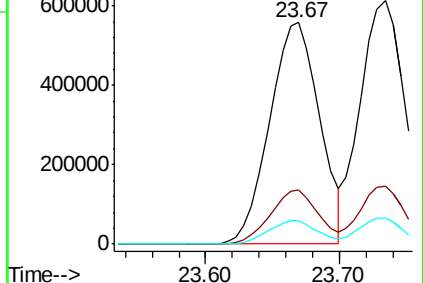
125 10.3 8.4 12.6

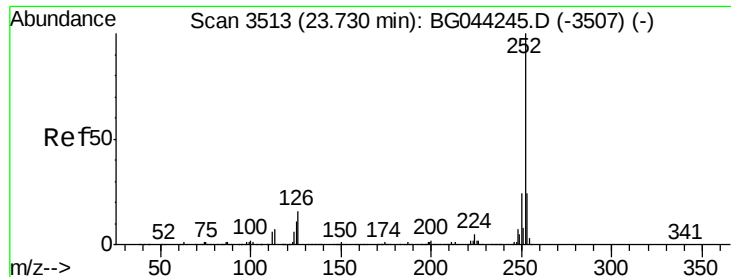


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

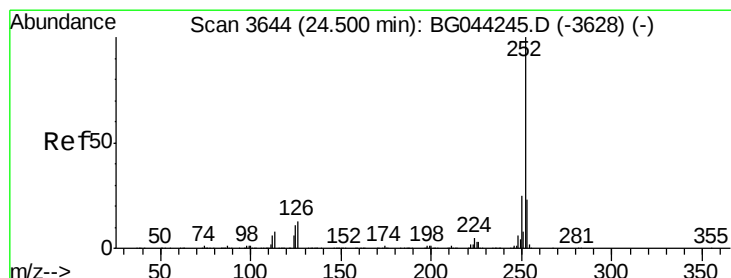
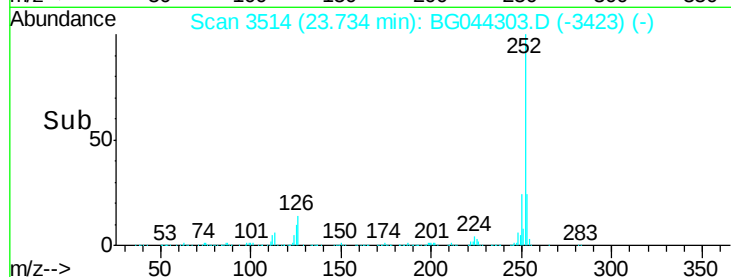
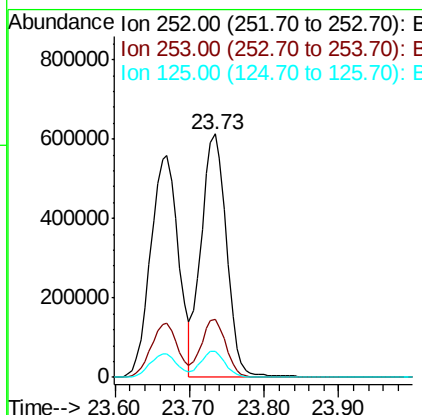
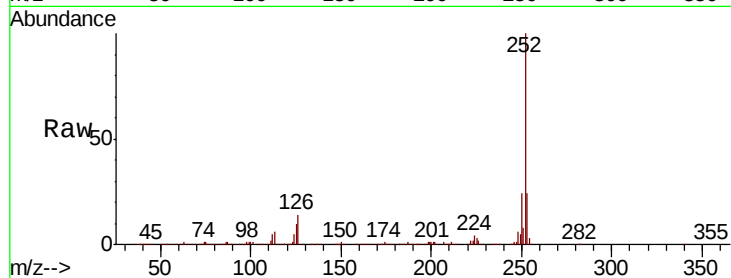




#89
Benzo(k)fluoranthene
Concen: 51.512 ng
RT: 23.73 min Scan# 3514
Delta R.T. 0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

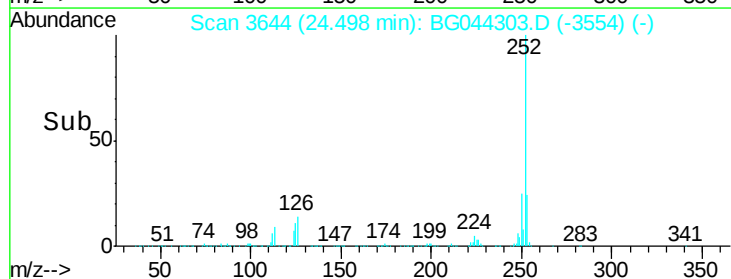
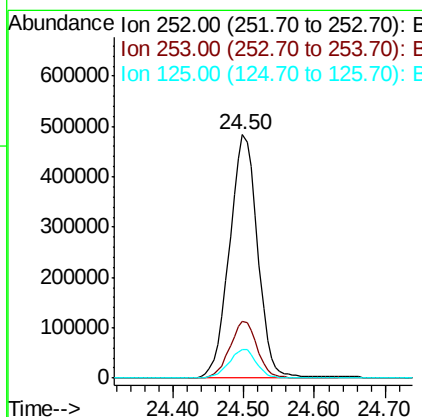
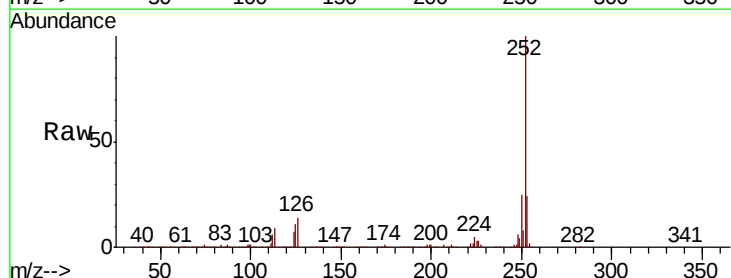
Instrument :
BNA_G
ClientSampleId :

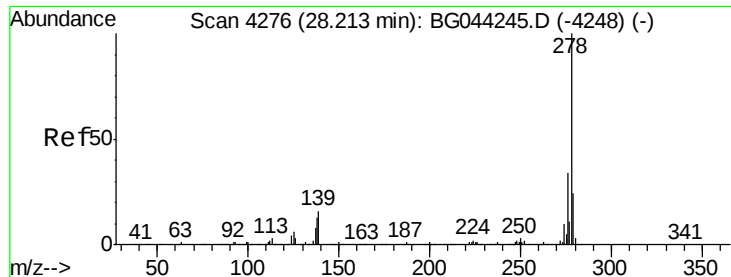
Tot Ion:252 Resp: 1444545
Ion Ratio Lower Upper
252 100
253 23.8 19.1 28.7
125 10.4 8.6 12.8



#90
Benzo(a)pyrene
Concen: 49.162 ng
RT: 24.50 min Scan# 3644
Delta R.T. -0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Tgt Ion:252 Resp: 1337433
Ion Ratio Lower Upper
252 100
253 23.6 18.1 27.1
125 11.5 8.6 13.0



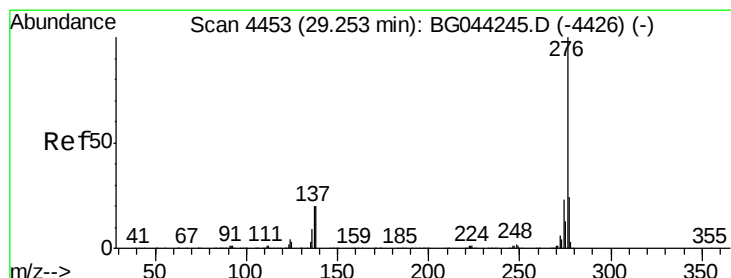
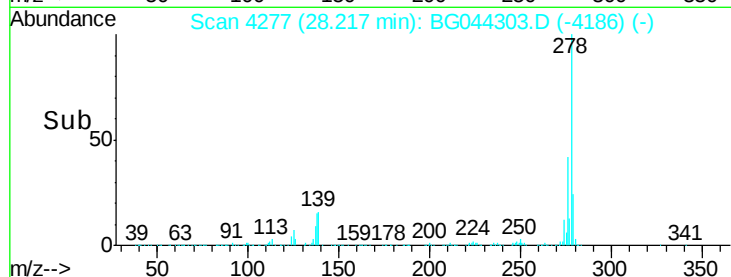
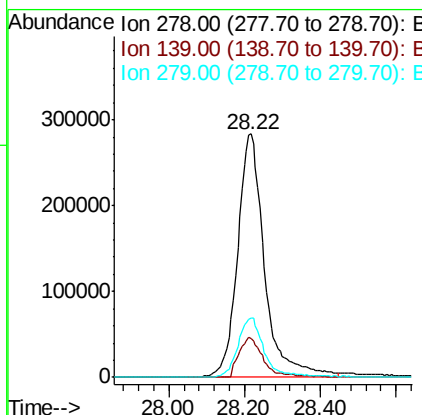
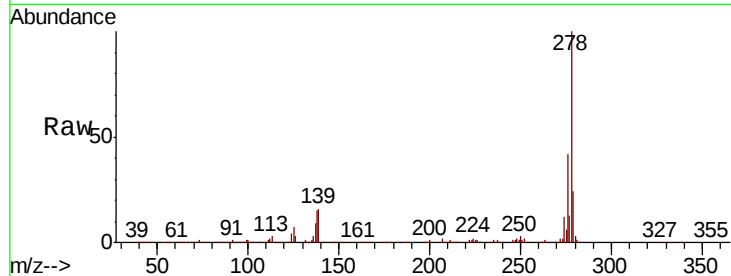


#91
Dibenzo(a,h)anthracene
Concen: 52.220 ng
RT: 28.22 min Scan# 4277
Delta R.T. 0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1405940

Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.7	19.1
279	24.1	19.3	28.9



#92
Benzo(g,h,i)perylene
Concen: 52.844 ng
RT: 29.25 min Scan# 4452
Delta R.T. -0.01 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Tgt Ion:276 Resp: 1424264

Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.8	28.2
138	21.0	16.2	24.2

