

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
 Data File : BG044371.D
 Acq On : 11 Feb 2020 2:33
 Operator : CG/JU
 Sample : PB126703BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 11 03:19:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	66669	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	310628	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	219486	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	492804	20.00	ng	0.00
76) Chrysene-d12	21.53	240	457244	20.00	ng	0.00
87) Perylene-d12	24.62	264	491190	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	160679	42.53	ng	0.00
7) Phenol-d6	7.07	99	133188	26.26	ng	0.00
23) Nitrobenzene-d5	9.06	82	545395	99.12	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	276114	107.16	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1301082	99.27	ng	0.00
79) Terphenyl-d14	19.90	244	1937291	87.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	28321	16.686	ng	95
3) Pyridine	3.76	79	68834	15.222	ng	99
4) n-Nitrosodimethylamine	3.67	42	36667	19.405	ng	99
6) Aniline	7.22	93	222341	35.311	ng	99
8) 2-Chlorophenol	7.47	128	196294	47.280	ng	99
9) Benzaldehyde	7.03	77	131625	45.559	ng	98
10) Phenol	7.10	94	73398	14.620	ng	96
11) bis(2-Chloroethyl)ether	7.32	93	233971	54.513	ng	96
12) 1,3-Dichlorobenzene	7.79	146	208517	42.065	ng	97
13) 1,4-Dichlorobenzene	7.94	146	215003	43.793	ng	99
14) 1,2-Dichlorobenzene	8.26	146	207895	44.800	ng	98
15) Benzyl Alcohol	8.14	79	125208	34.863	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.43	45	305913	52.660	ng	100
17) 2-Methylphenol	8.35	107	133174	37.180	ng	95
18) Hexachloroethane	8.99	117	72773	39.500	ng	97
19) n-Nitroso-di-n-propylamine	8.71	70	203336	60.145	ng	98
20) 3+4-Methylphenols	8.68	107	166823	33.794	ng	97
22) Acetophenone	8.72	105	378709	50.116	ng	# 99
24) Nitrobenzene	9.10	77	279401	52.016	ng	100
25) Isophorone	9.63	82	575039	56.073	ng	99
26) 2-Nitrophenol	9.82	139	149298	53.566	ng	99
27) 2,4-Dimethylphenol	9.88	122	212654	54.050	ng	99
28) bis(2-Chloroethoxy)methane	10.11	93	354992	51.890	ng	99
29) 2,4-Dichlorophenol	10.35	162	248505	52.236	ng	98
30) 1,2,4-Trichlorobenzene	10.57	180	236522	43.359	ng	98
31) Naphthalene	10.75	128	744986	49.433	ng	99
32) Benzoic acid	9.88	122	212654	72.003	ng	# 19
33) 4-Chloroaniline	10.86	127	244350	35.650	ng	98
34) Hexachlorobutadiene	11.05	225	125285	37.325	ng	98
35) Caprolactam	11.63	113	13759	7.895	ng	95
36) 4-Chloro-3-methylphenol	11.99	107	250054	50.133	ng	99
37) 2-Methylnaphthalene	12.36	142	596036	53.267	ng	100
38) 1-Methylnaphthalene	12.59	142	569163	53.952	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	300255	45.732	ng	99

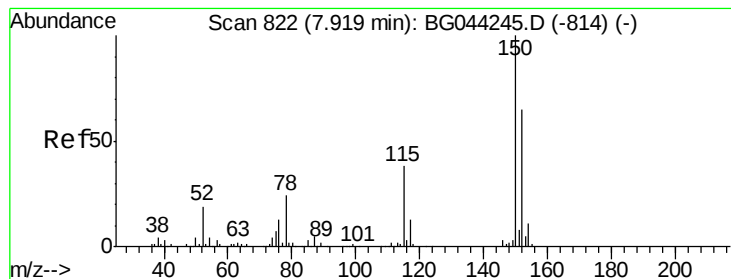
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
 Data File : BG044371.D
 Acq On : 11 Feb 2020 2:33
 Operator : CG/JU
 Sample : PB126703BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 11 03:19:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.72	237	279643	88.766	ng	100
43) 2,4,6-Trichlorophenol	12.97	196	221058	52.090	ng	100
44) 2,4,5-Trichlorophenol	13.05	196	238641	55.055	ng	97
46) 1,1'-Biphenyl	13.38	154	790283	49.918	ng	99
47) 2-Chloronaphthalene	13.42	162	614535	48.780	ng	99
48) 2-Nitroaniline	13.62	65	196371	52.817	ng	96
49) Acenaphthylene	14.27	152	1004850	54.381	ng	100
50) Dimethylphthalate	14.00	163	845782	53.608	ng	100
51) 2,6-Dinitrotoluene	14.11	165	196447	55.844	ng	99
52) Acenaphthene	14.61	154	629319	52.544	ng	98
53) 3-Nitroaniline	14.44	138	141499	36.357	ng	99
54) 2,4-Dinitrophenol	14.65	184	204864	96.540	ng	99
55) Dibenzofuran	14.94	168	979488	54.015	ng	100
56) 4-Nitrophenol	14.76	139	94314	33.083	ng	98
57) 2,4-Dinitrotoluene	14.91	165	280124	56.815	ng	97
58) Fluorene	15.59	166	782703	54.801	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.17	232	225400	57.569	ng	98
60) Diethylphthalate	15.36	149	859061	54.645	ng	100
61) 4-Chlorophenyl-phenylether	15.59	204	420474	54.296	ng	100
62) 4-Nitroaniline	15.61	138	189725	48.786	ng	98
63) Azobenzene	15.88	77	760712	55.211	ng	99
65) 4,6-Dinitro-2-methylphenol	15.67	198	163551	60.123	ng	99
66) n-Nitrosodiphenylamine	15.80	169	742289	53.748	ng	99
67) 4-Bromophenyl-phenylether	16.48	248	282887	52.689	ng	97
68) Hexachlorobenzene	16.60	284	308220	51.241	ng	99
69) Atrazine	16.75	200	291758	61.636	ng	99
70) Pentachlorophenol	16.95	266	325679	106.006	ng	98
71) Phenanthrene	17.33	178	1273821	53.380	ng	99
72) Anthracene	17.42	178	1312767	55.643	ng	99
73) Carbazole	17.69	167	1184836	54.476	ng	99
74) Di-n-butylphthalate	18.26	149	1431088	53.245	ng	99
75) Fluoranthene	19.34	202	1492156	54.053	ng	99
77) Benzidine	19.52	184	826373	65.157	ng	100
78) Pyrene	19.70	202	1484467	50.553	ng	99
80) Butylbenzylphthalate	20.59	149	659379	49.275	ng	99
81) Benzo(a)anthracene	21.52	228	1424931	50.565	ng	99
82) 3,3'-Dichlorobenzidine	21.43	252	459963	42.055	ng	100
83) Chrysene	21.58	228	1370208	50.303	ng	98
84) Bis(2-ethylhexyl)phthalate	21.43	149	901451	48.942	ng	100
85) Di-n-octyl phthalate	22.60	149	1597121	50.116	ng	100
86) Indeno(1,2,3-cd)pyrene	28.12	276	1816901	51.127	ng	100
88) Benzo(b)fluoranthene	23.64	252	1542887	54.511	ng	100
89) Benzo(k)fluoranthene	23.71	252	1486339	53.880	ng	100
90) Benzo(a)pyrene	24.48	252	1411975	52.762	ng	98
91) Dibenzo(a,h)anthracene	28.18	278	1480157	55.887	ng	98
92) Benzo(g,h,i)perylene	29.21	276	1518074	57.258	ng	98

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

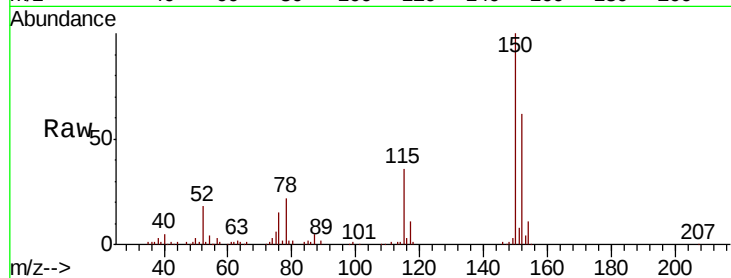


#1

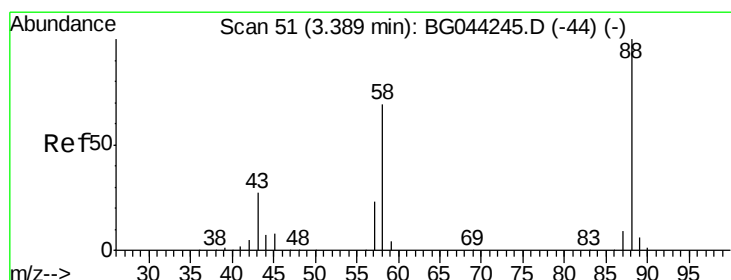
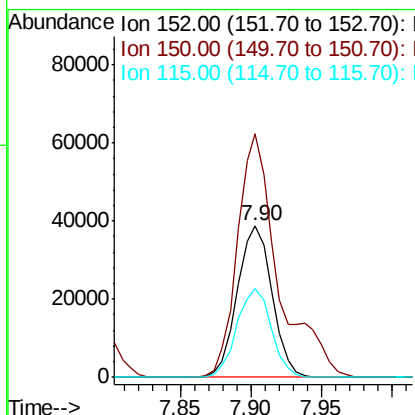
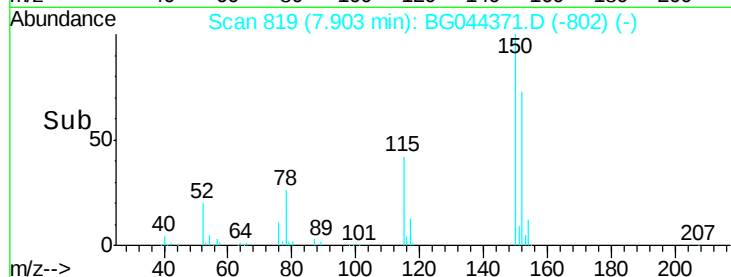
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 66669
Ion Ratio Lower Upper
152 100
150 160.2 122.6 183.8
115 58.0 46.0 69.0



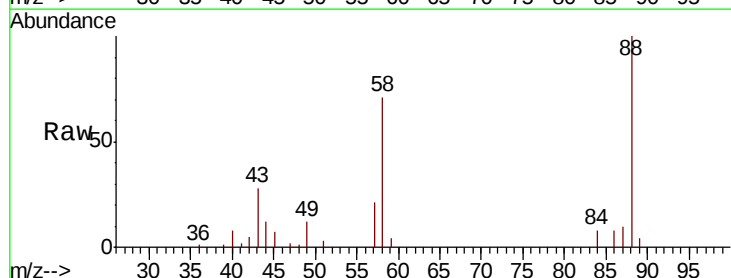
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



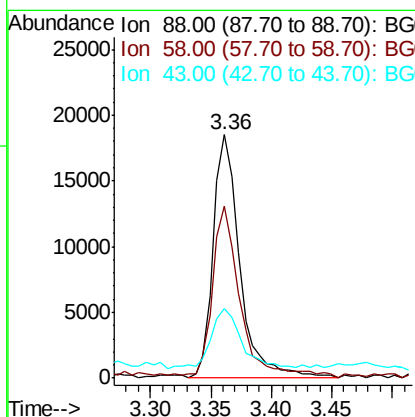
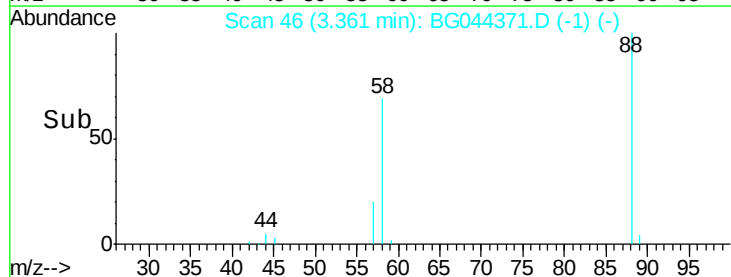
#2

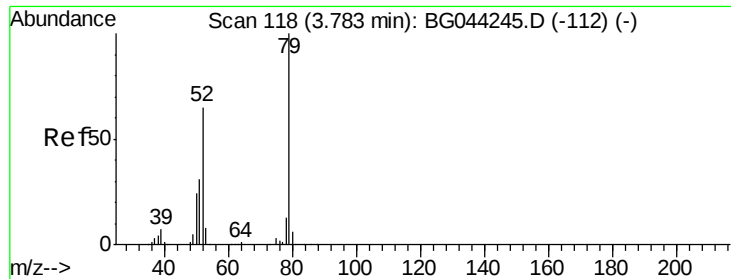
1,4-Dioxane
Concen: 16.686 ng
RT: 3.36 min Scan# 46
Delta R.T. -0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Tgt Ion: 88 Resp: 28321
Ion Ratio Lower Upper
88 100
58 74.4 55.8 83.6
43 28.2 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: 15.222 ng

RT: 3.76 min Scan# 114

Delta R.T. -0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

Instrument :

BNA_G

ClientSampleId :

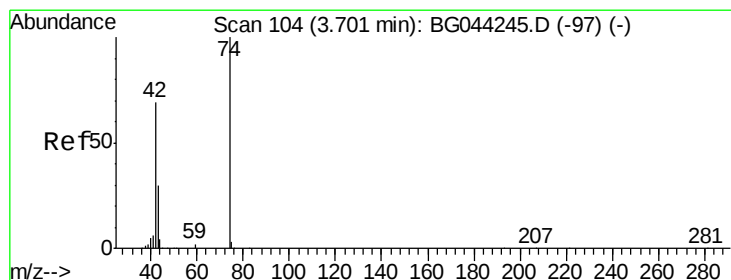
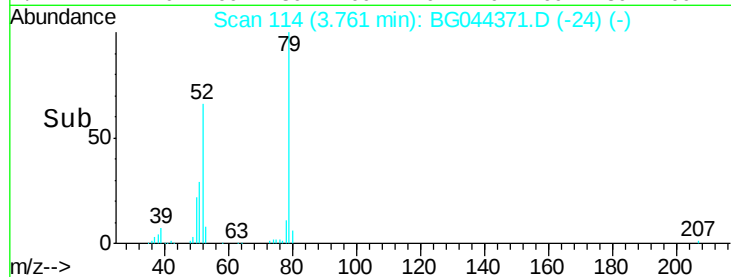
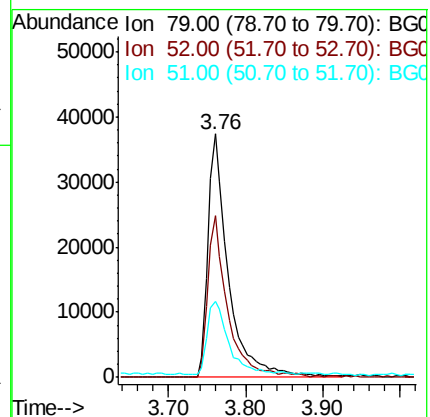
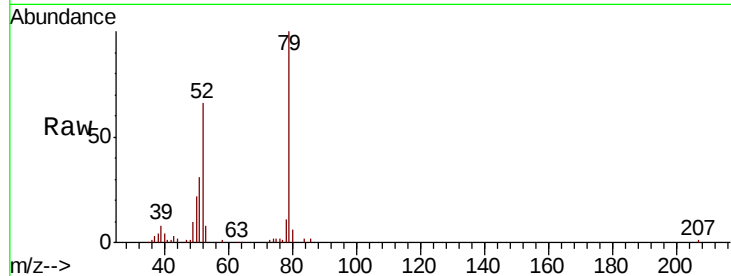
Tot Ion: 79 Resp: 68834

Ion Ratio Lower Upper

79 100

52 66.2 51.9 77.9

51 31.3 25.3 37.9



#4

n-Nitrosodimethylamine

Concen: 19.405 ng

RT: 3.67 min Scan# 99

Delta R.T. -0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

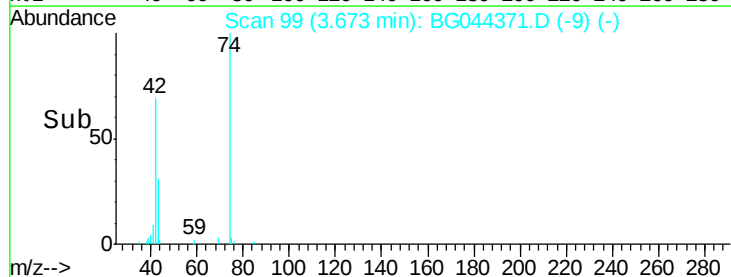
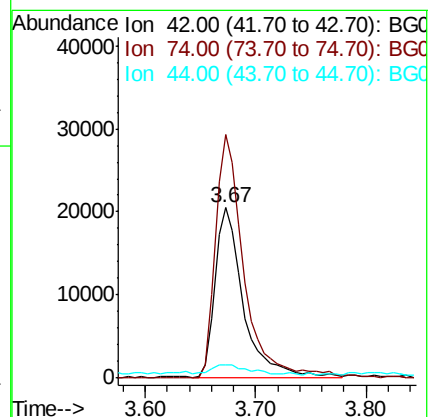
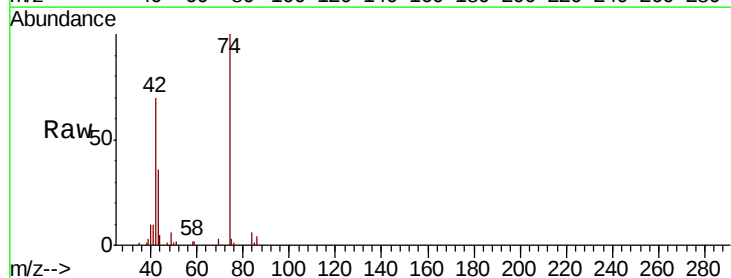
Tgt Ion: 42 Resp: 36667

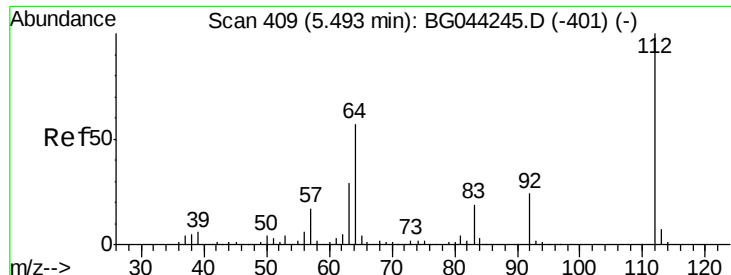
Ion Ratio Lower Upper

42 100

74 142.7 115.1 172.7

44 7.7 5.6 8.4





#5

2-Fluorophenol

Concen: 42.534 ng

RT: 5.48 min Scan# 406

Delta R.T. -0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

Instrument :

BNA_G

ClientSampled :

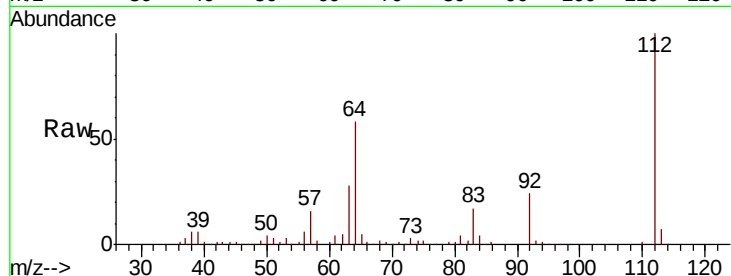
Tot Ion: 112 Resp: 160679

Ion Ratio Lower Upper

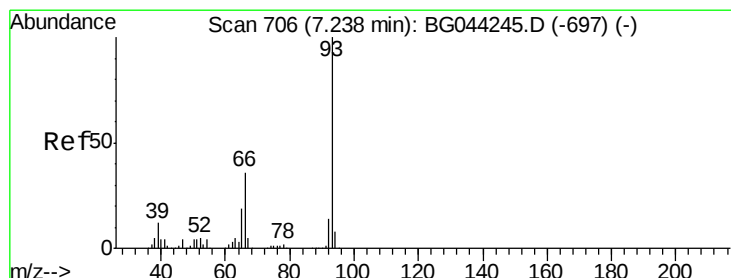
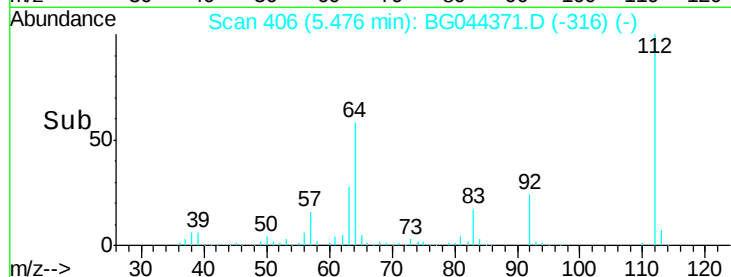
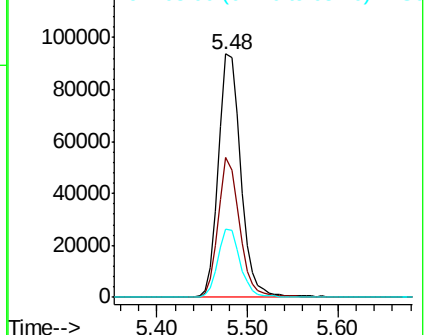
112 100

64 57.5 45.4 68.2

63 27.9 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: 35.311 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

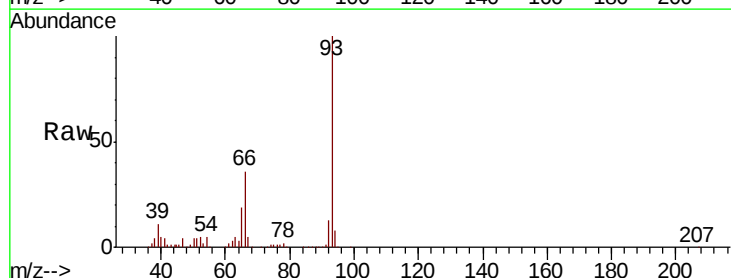
Tgt Ion: 93 Resp: 222341

Ion Ratio Lower Upper

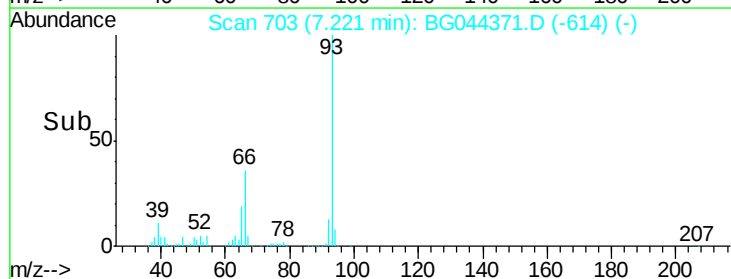
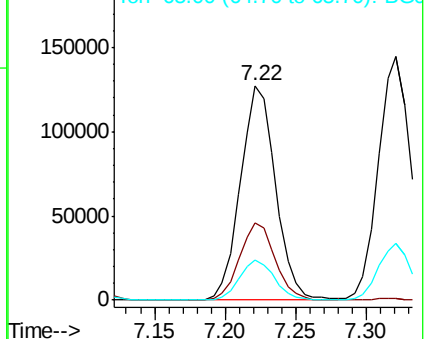
93 100

66 35.7 28.7 43.1

65 18.9 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: 26.255 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

Instrument :

BNA_G

ClientSampleId :

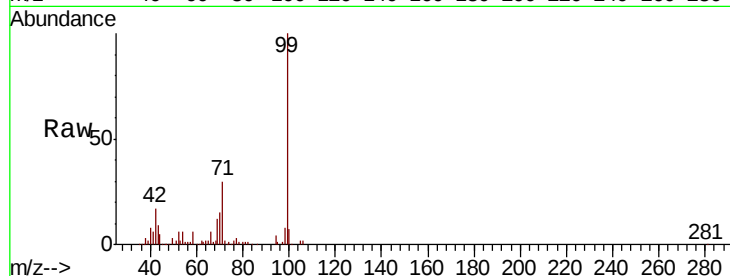
Tot Ion: 99 Resp: 133188

Ion Ratio Lower Upper

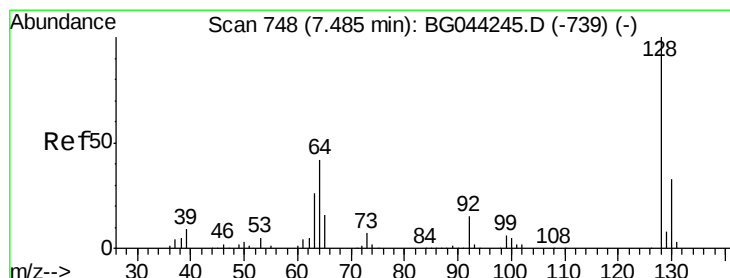
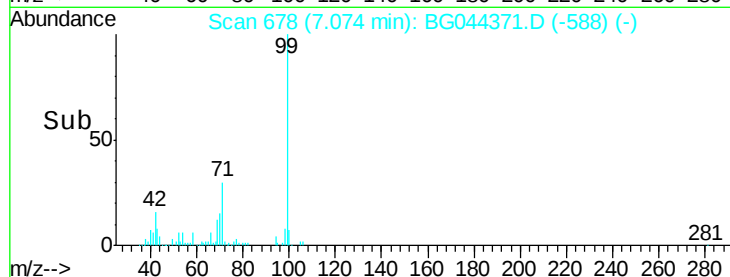
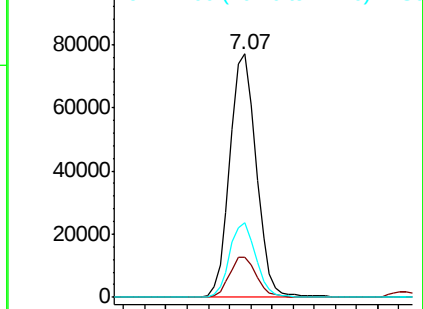
99 100

42 16.5 13.8 20.6

71 30.4 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: 47.280 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

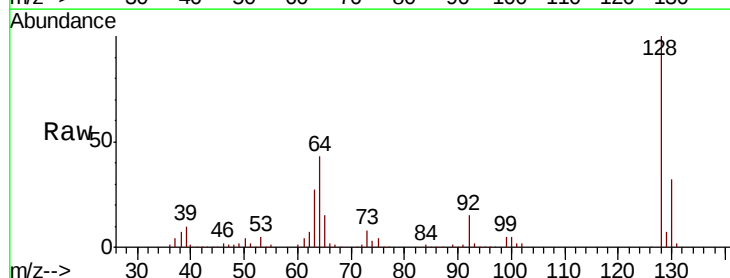
Tgt Ion: 128 Resp: 196294

Ion Ratio Lower Upper

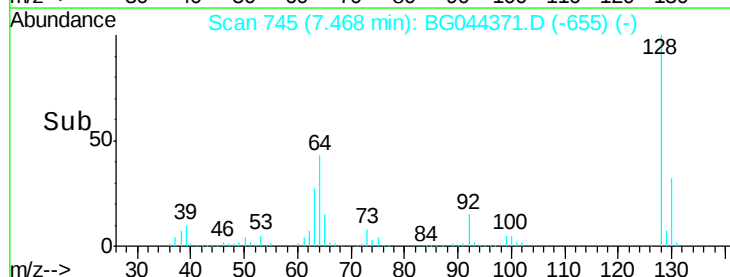
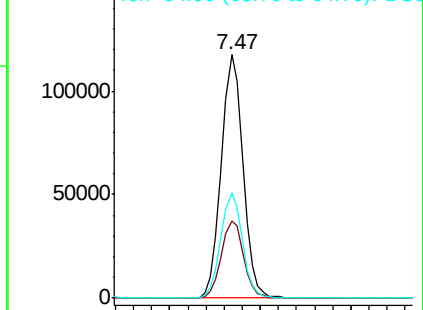
128 100

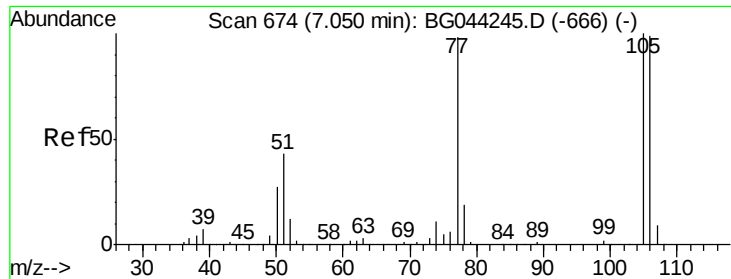
130 31.7 12.5 52.5

64 43.2 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

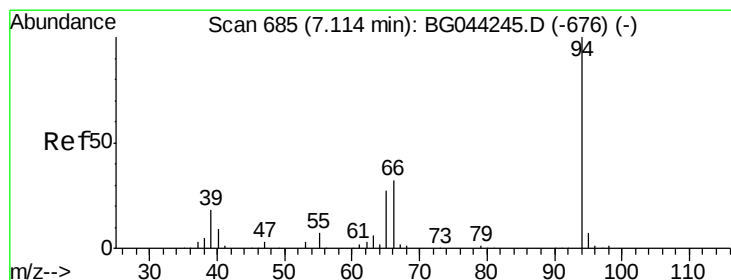
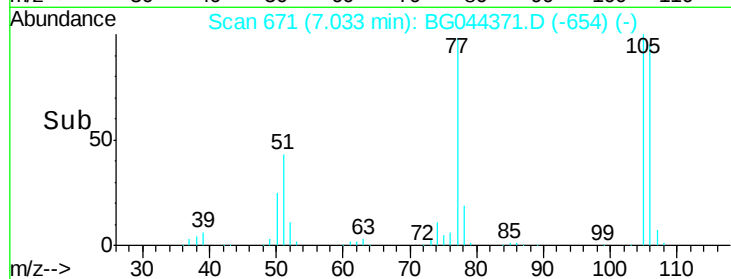
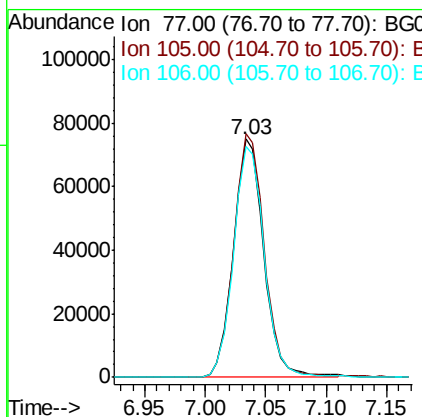
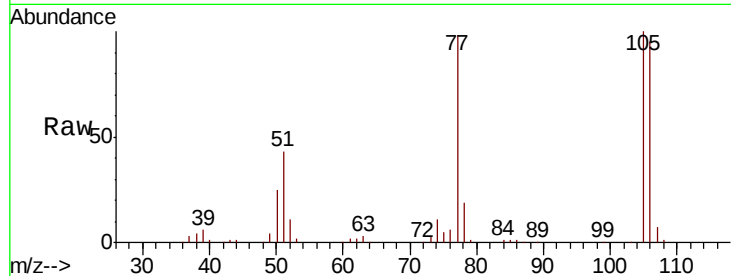




#9
Benzaldehyde
Concen: 45.559 ng
RT: 7.03 min Scan# 671
Delta R.T. -0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

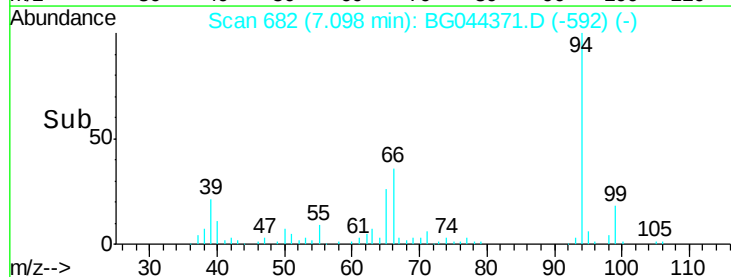
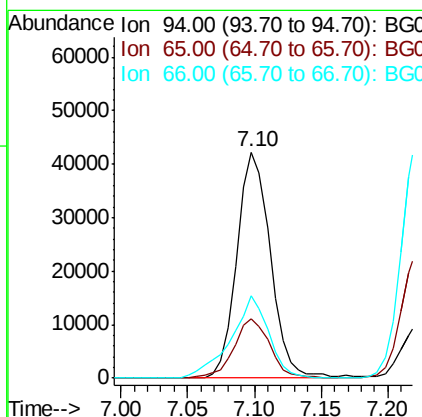
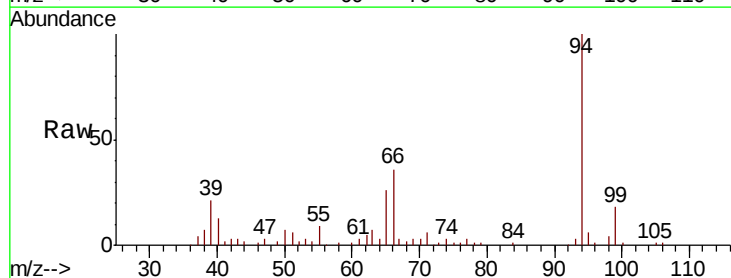
Instrument :
BNA_G
ClientSampled :

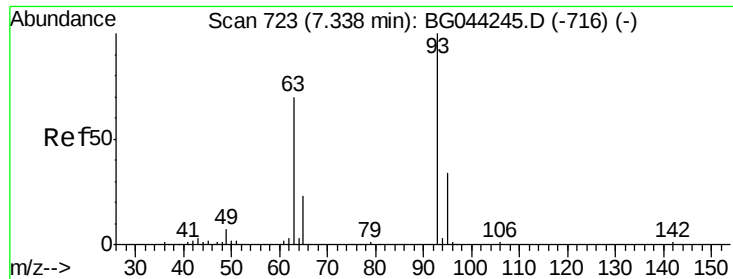
Tot Ion: 77 Resp: 131625
Ion Ratio Lower Upper
77 100
105 102.3 82.0 122.0
106 97.3 80.7 120.7



#10
Phenol
Concen: 14.620 ng
RT: 7.10 min Scan# 682
Delta R.T. -0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Tgt Ion: 94 Resp: 73398
Ion Ratio Lower Upper
94 100
65 26.2 7.0 47.0
66 36.3 12.7 52.7

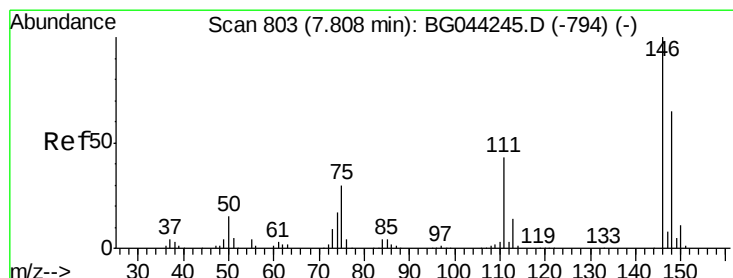
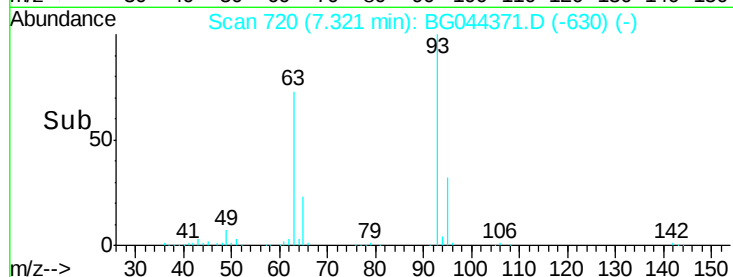
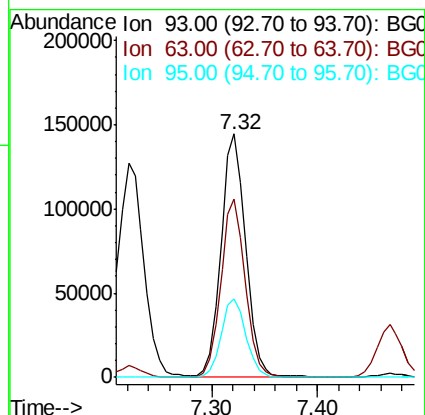
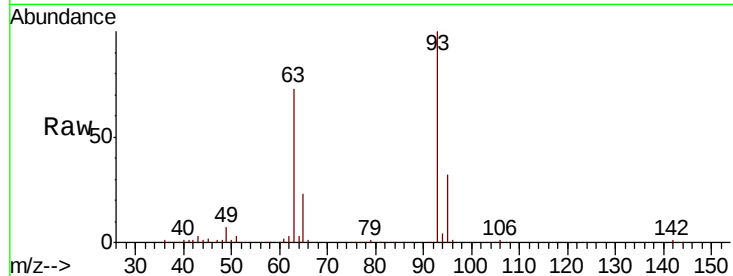




#11
 bis(2-Chloroethyl)ether
 Concen: 54.513 ng
 RT: 7.32 min Scan# 720
 Delta R.T. -0.00 min
 Lab File: BG044371.D
 Acq: 11 Feb 2020 2:33

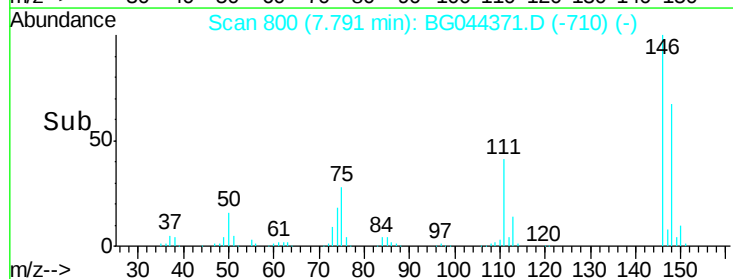
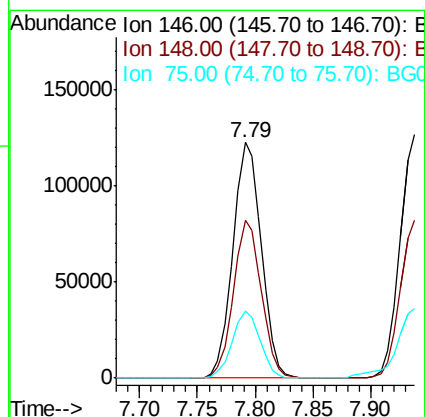
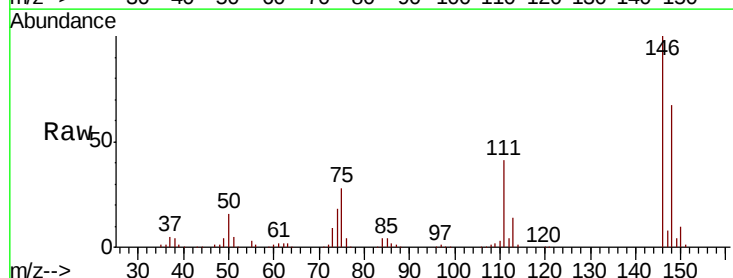
Instrument :
 BNA_G
 ClientSampleId :

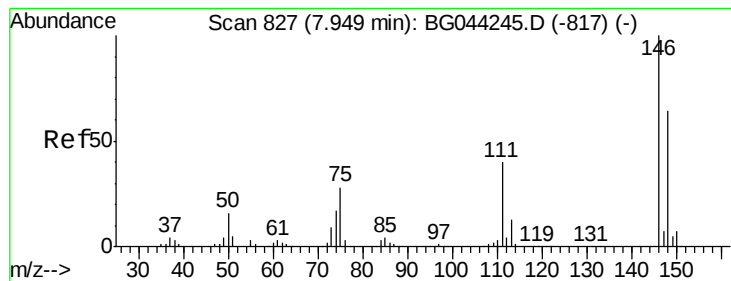
Tot Ion	93	Resp	233971
Ion Ratio	Lower	Upper	
93	100		
63	73.1	49.2	89.2
95	32.4	13.6	53.6



#12
 1,3-Dichlorobenzene
 Concen: 42.065 ng
 RT: 7.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BG044371.D
 Acq: 11 Feb 2020 2:33

Tgt Ion	146	Resp	208517
Ion Ratio	Lower	Upper	
146	100		
148	66.9	51.8	77.8
75	28.2	23.7	35.5





#13

1,4-Dichlorobenzene

Concen: 43.793 ng

RT: 7.94 min Scan# 825

Delta R.T. -0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

Instrument :

BNA_G

ClientSampleId :

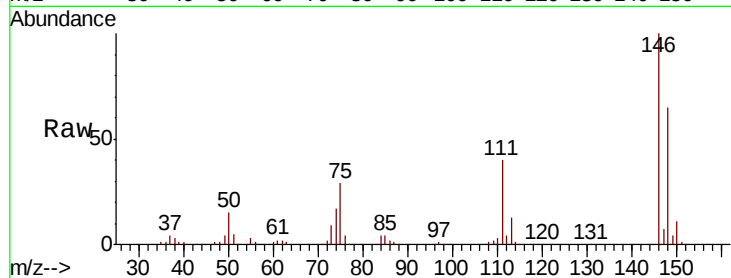
Tot Ion:146 Resp: 215003

Ion Ratio Lower Upper

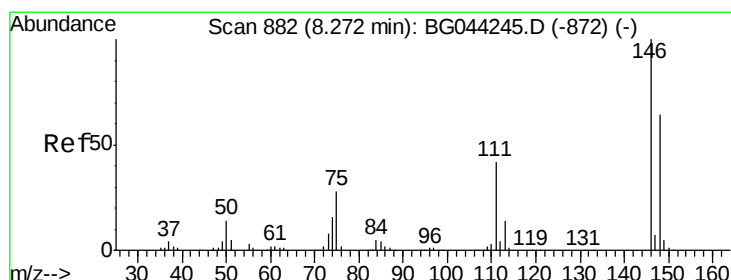
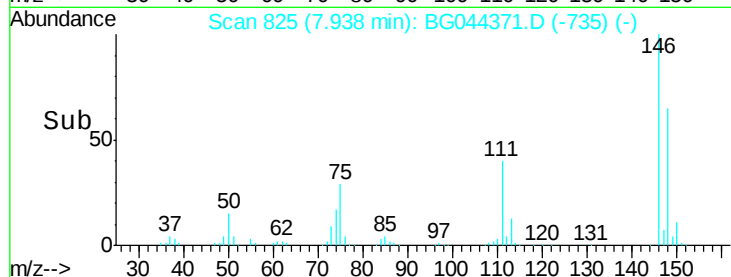
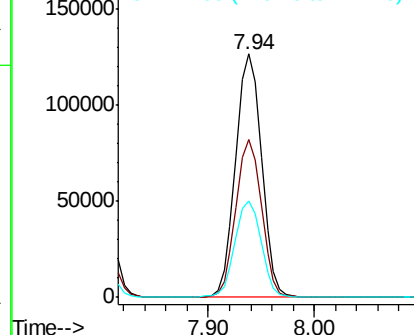
146 100

148 65.0 51.4 77.0

111 39.8 31.8 47.8



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



#14

1,2-Dichlorobenzene

Concen: 44.800 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

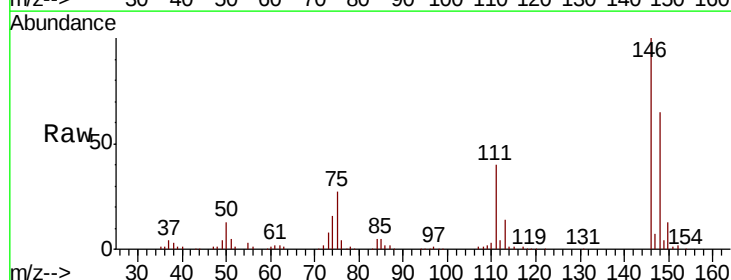
Tgt Ion:146 Resp: 207895

Ion Ratio Lower Upper

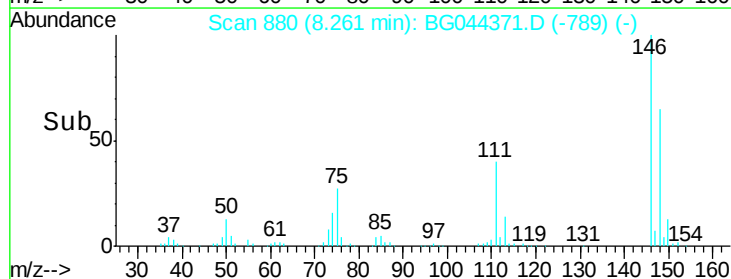
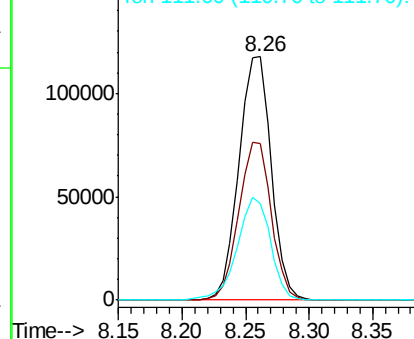
146 100

148 64.5 51.2 76.8

111 39.7 34.0 51.0



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





#15

Benzyl Alcohol

Concen: 34.863 ng

RT: 8.14 min Scan# 859

Delta R.T. -0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

Instrument :

BNA_G

ClientSampled :

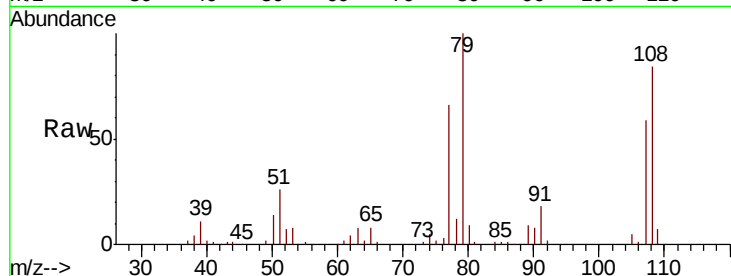
Tot Ion: 79 Resp: 125208

Ion Ratio Lower Upper

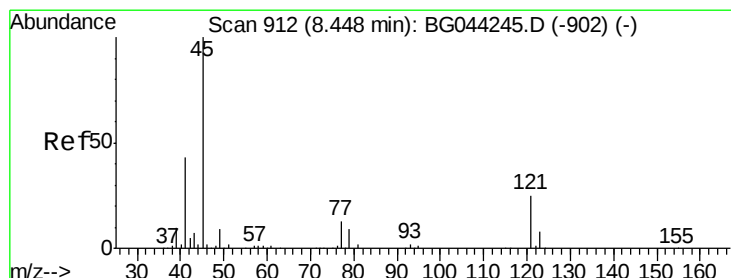
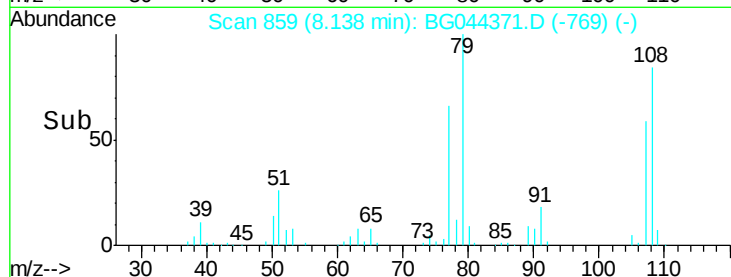
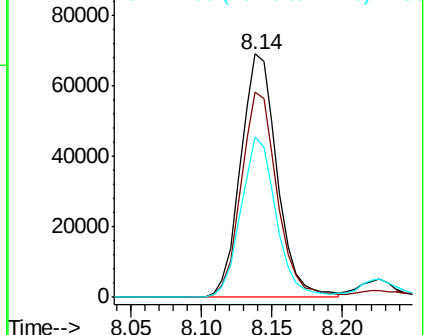
79 100

108 84.0 68.3 102.5

77 65.9 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: 52.660 ng

RT: 8.43 min Scan# 909

Delta R.T. -0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

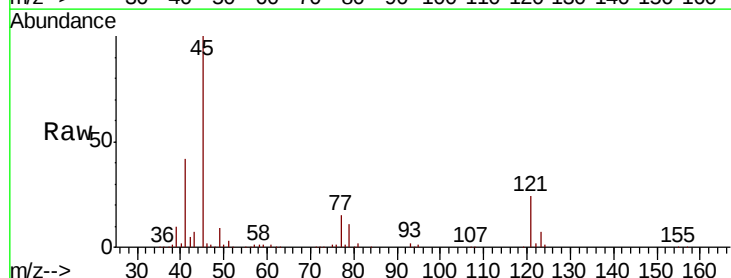
Tgt Ion: 45 Resp: 305913

Ion Ratio Lower Upper

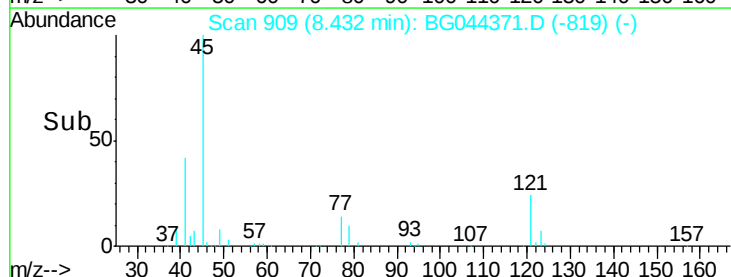
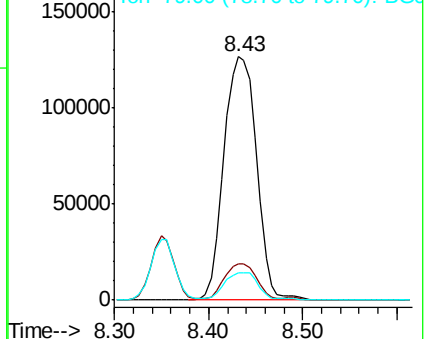
45 100

77 15.0 0.0 35.2

79 11.2 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: 37.180 ng

RT: 8.35 min Scan# 895

Delta R.T. -0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 133174

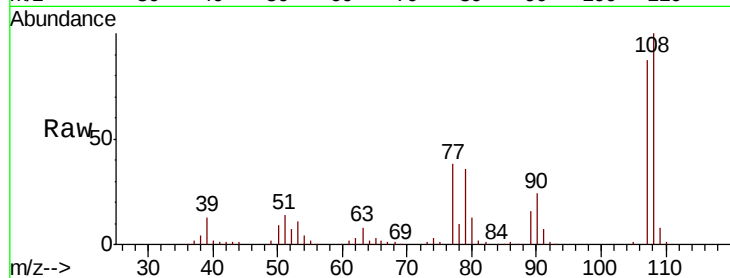
Ion Ratio Lower Upper

107 100

108 115.2 86.4 129.6

77 44.2 34.0 51.0

79 41.9 32.9 49.3

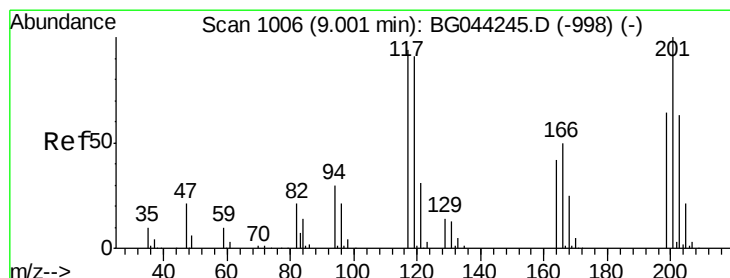
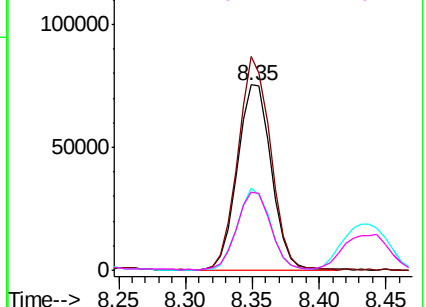
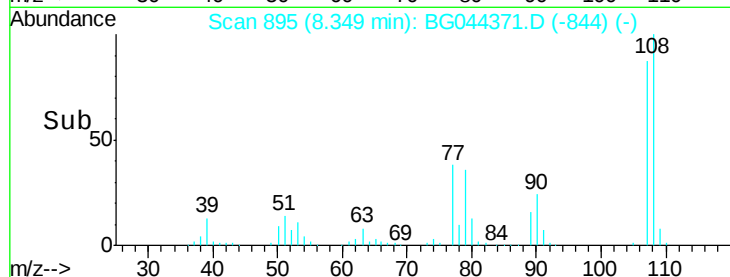


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.500 ng

RT: 8.99 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

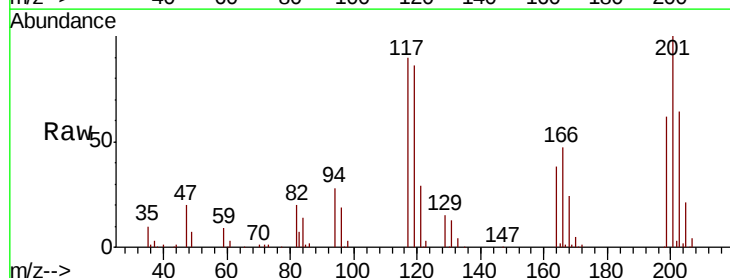
Tgt Ion:117 Resp: 72773

Ion Ratio Lower Upper

117 100

119 96.1 77.5 116.3

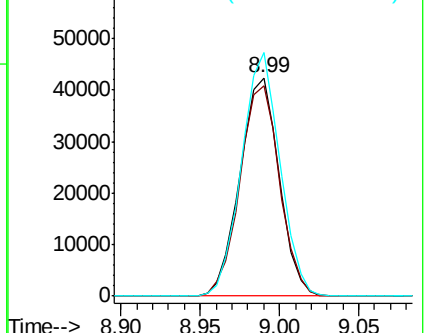
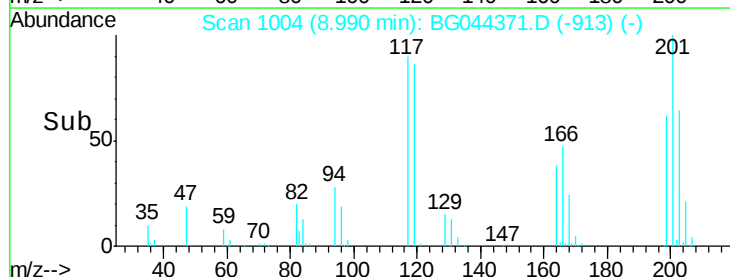
201 111.5 84.9 127.3



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

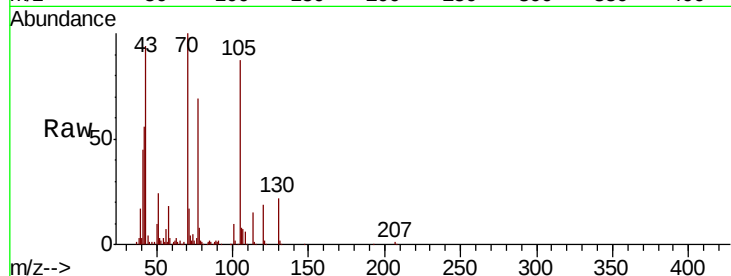




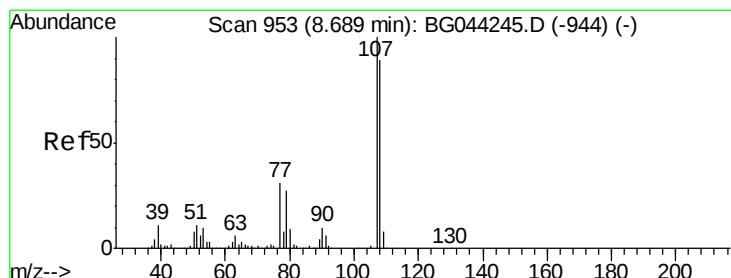
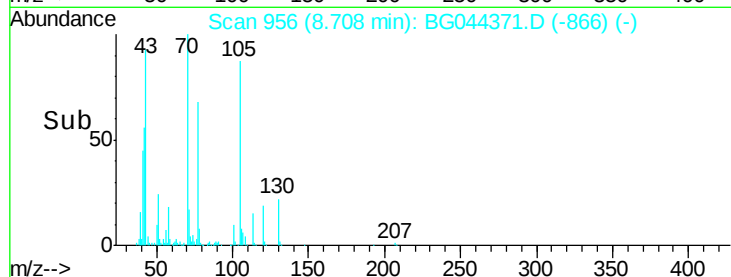
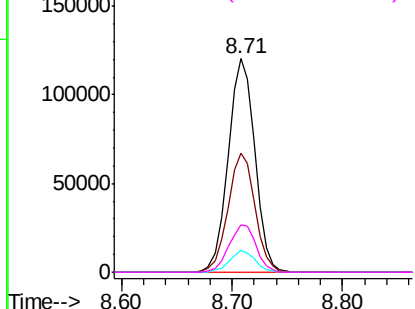
#19
n-Nitroso-di-n-propylamine
Concen: 60.145 ng
RT: 8.71 min Scan# 956
Delta R.T. -0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	203336
Ion	Ratio	Lower	Upper
70	100		
42	55.6	46.2	69.2
101	9.9	8.4	12.6
130	22.5	17.8	26.8

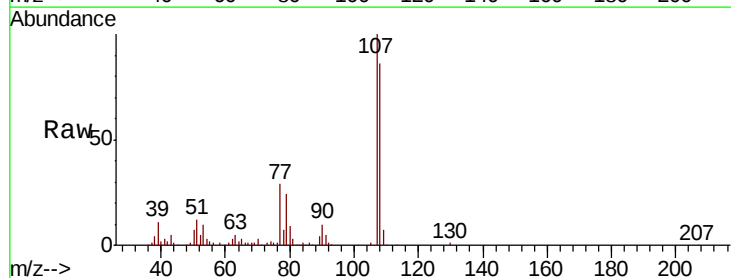


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

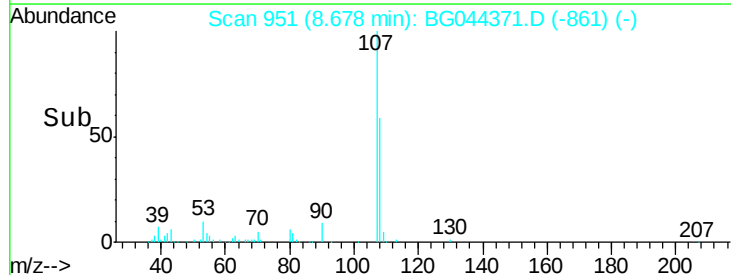
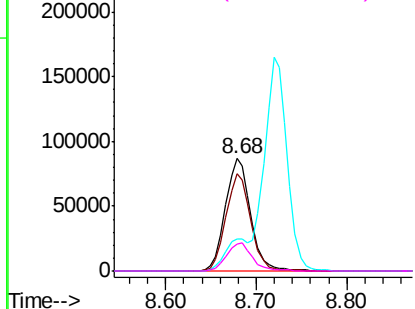


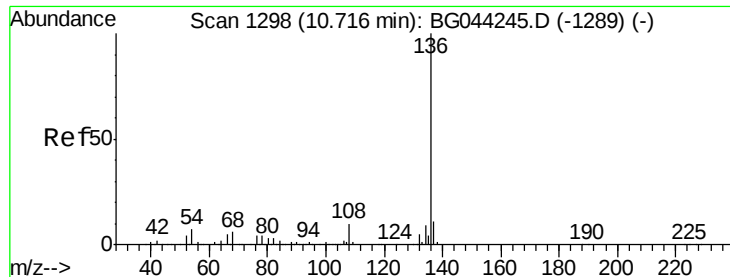
#20
3+4-Methylphenols
Concen: 33.794 ng
RT: 8.68 min Scan# 951
Delta R.T. -0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Tgt Ion:	107	Resp:	166823
Ion	Ratio	Lower	Upper
107	100		
108	86.1	68.5	108.5
77	29.0	10.9	50.9
79	23.8	7.1	47.1



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

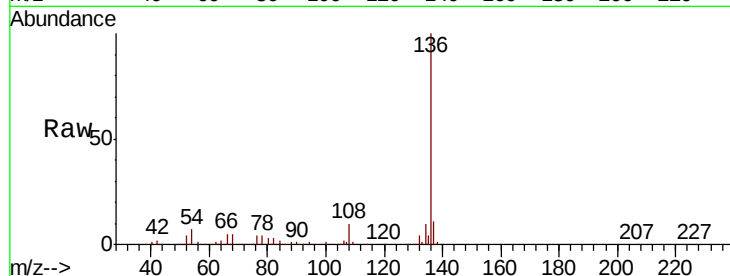




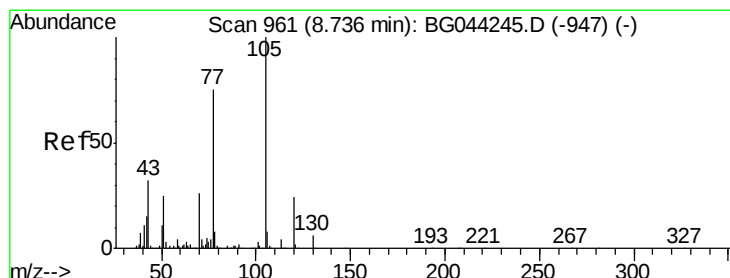
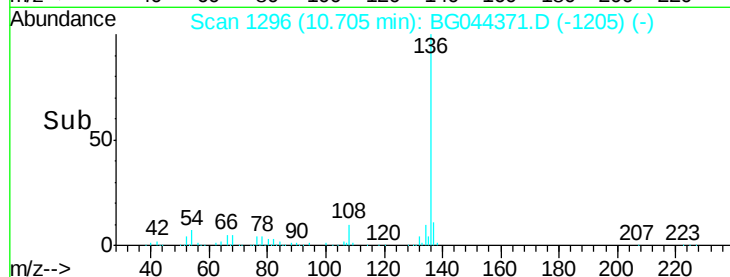
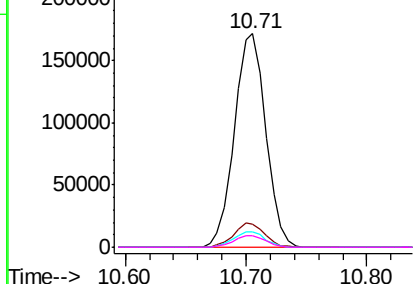
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	310628
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.8 13.2
54	7.3	5.8 8.8
68	5.5	4.6 6.8

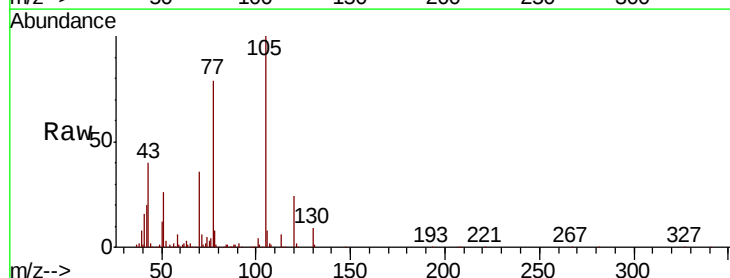


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

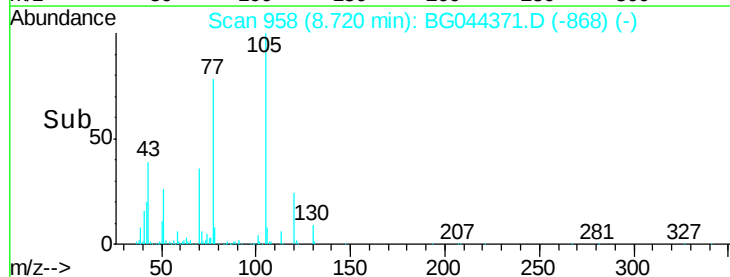
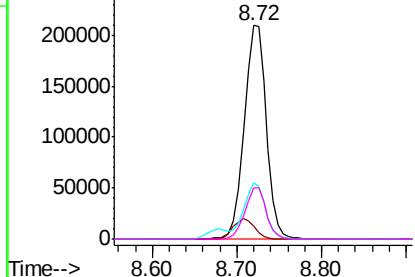


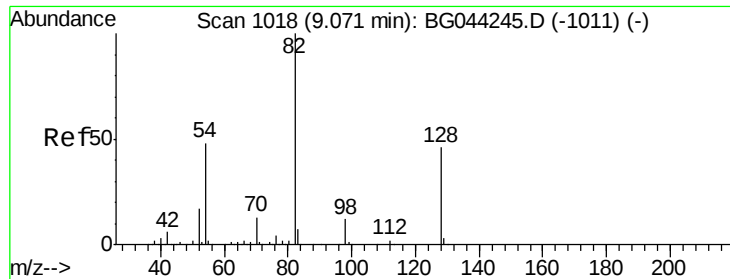
#22
Acetophenone
Concen: 50.116 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Tgt Ion:105	Resp:	378709
Ion Ratio	Lower	Upper
105	100	
71	6.0	3.4 5.0#
51	26.1	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

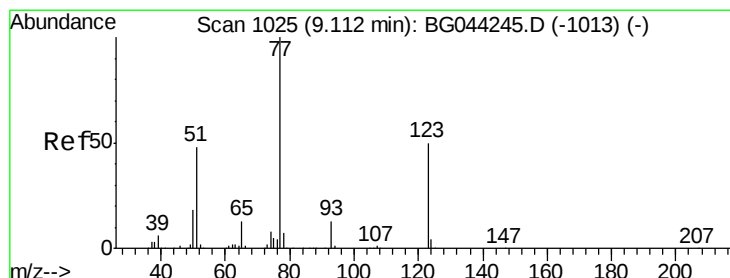
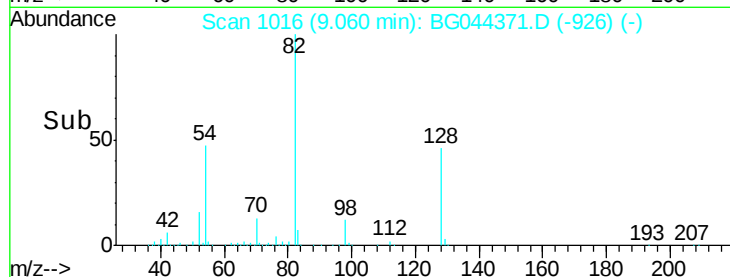
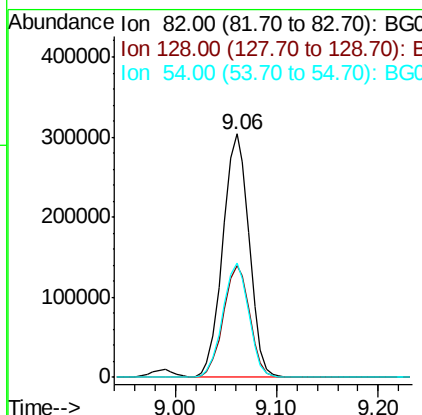
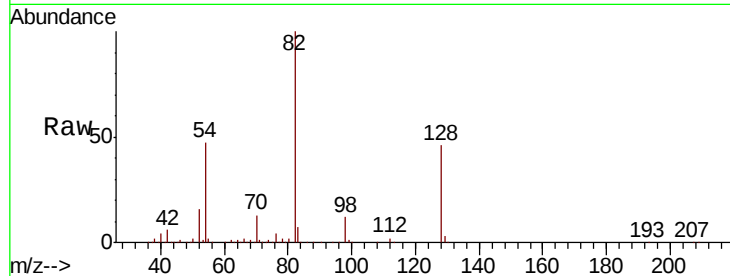




#23
 Nitrobenzene-d5
 Concen: 99.125 ng
 RT: 9.06 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BG044371.D
 Acq: 11 Feb 2020 2:33

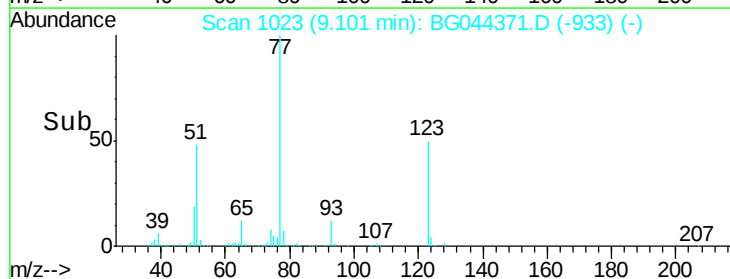
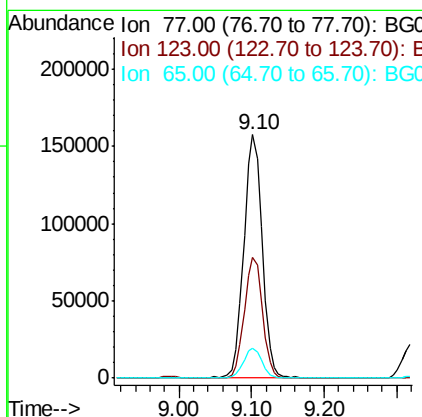
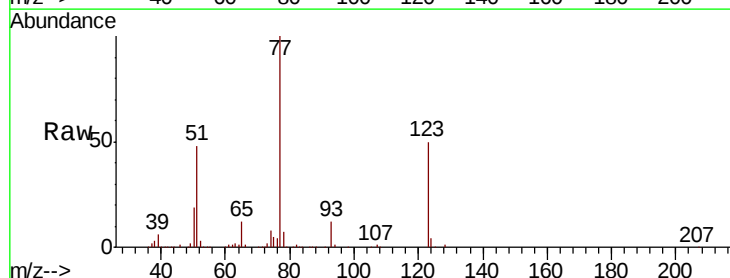
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	545395
Ion Ratio	Lower	Upper	
82	100		
128	46.0	36.5	54.7
54	46.8	38.6	58.0



#24
 Nitrobenzene
 Concen: 52.016 ng
 RT: 9.10 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BG044371.D
 Acq: 11 Feb 2020 2:33

Tgt Ion	77	Resp	279401
Ion Ratio	Lower	Upper	
77	100		
123	49.8	39.9	59.9
65	12.5	10.4	15.6





#25

Isophorone

Concen: 56.073 ng

RT: 9.63 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

Instrument :

BNA_G

ClientSampleId :

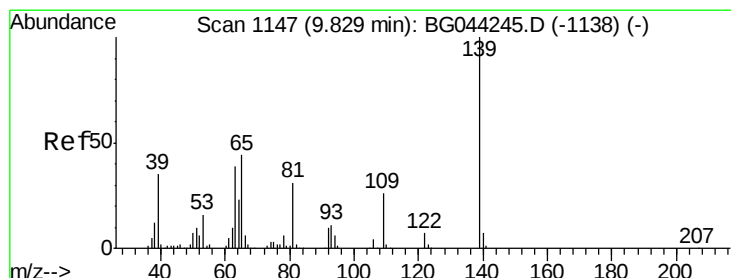
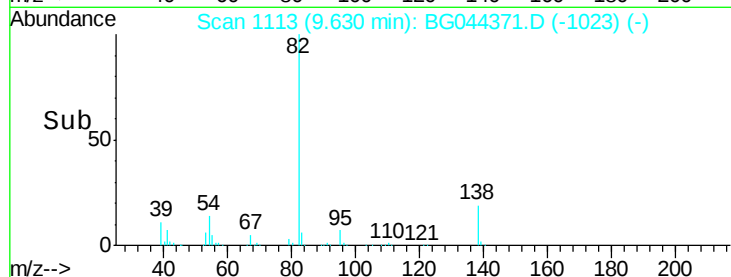
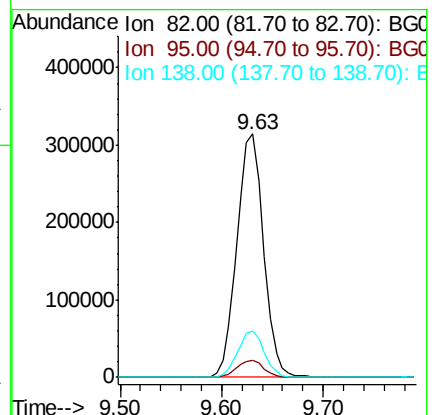
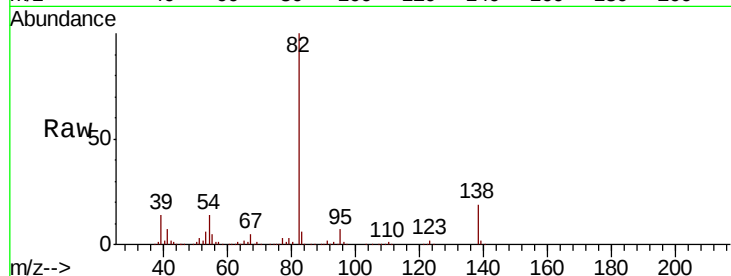
Tot Ion: 82 Resp: 575039

Ion Ratio Lower Upper

82 100

95 7.2 5.7 8.5

138 19.3 15.0 22.4



#26

2-Nitrophenol

Concen: 53.566 ng

RT: 9.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

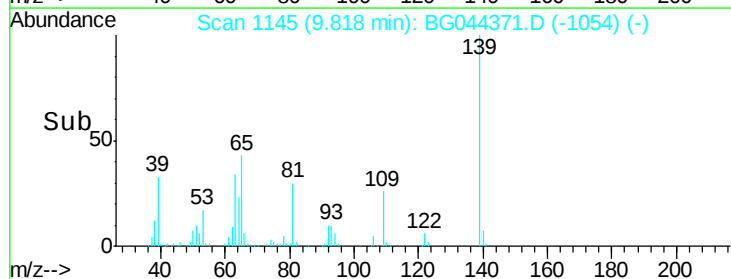
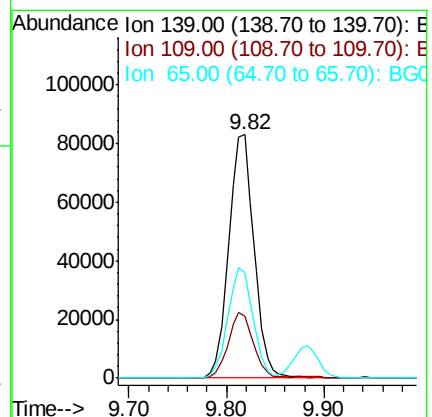
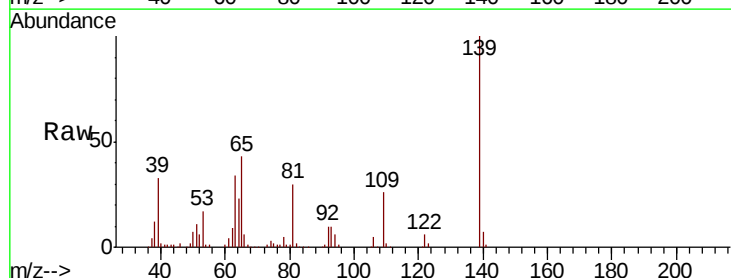
Tgt Ion: 139 Resp: 149298

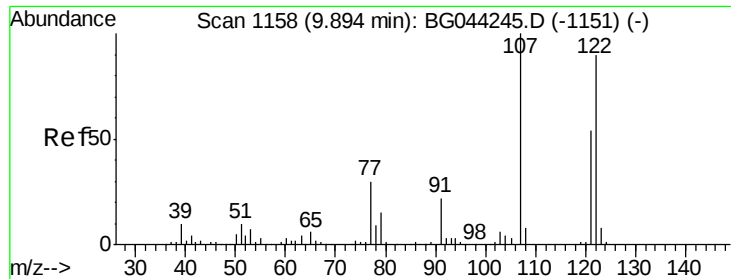
Ion Ratio Lower Upper

139 100

109 25.5 21.0 31.4

65 43.5 35.0 52.4

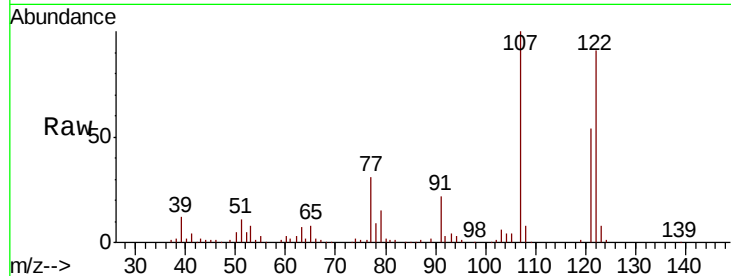




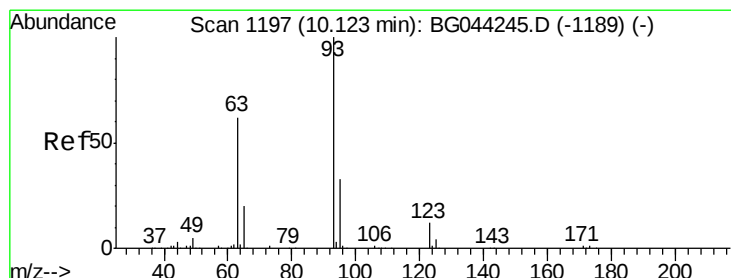
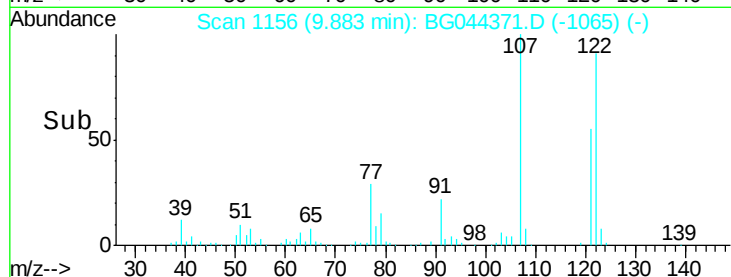
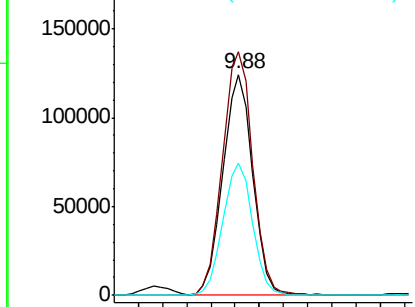
#27
2,4-Dimethylphenol
Concen: 54.050 ng
RT: 9.88 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 212654
Ion Ratio Lower Upper
122 100
107 110.1 88.8 133.2
121 60.0 48.3 72.5

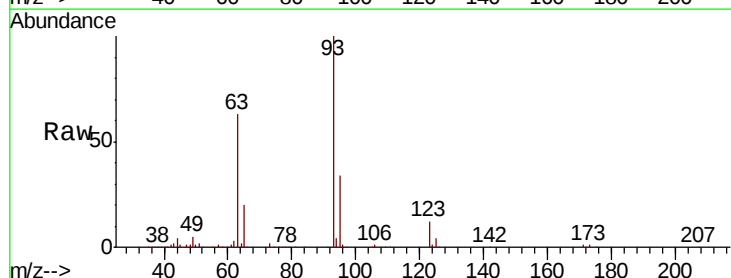


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

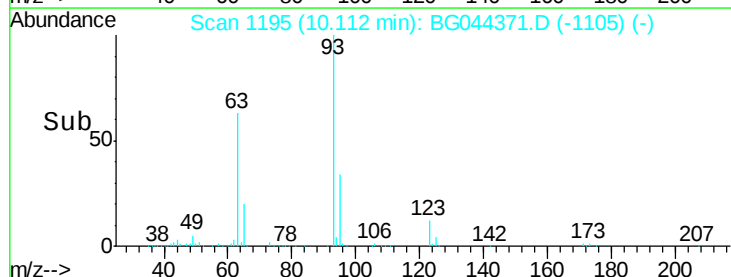
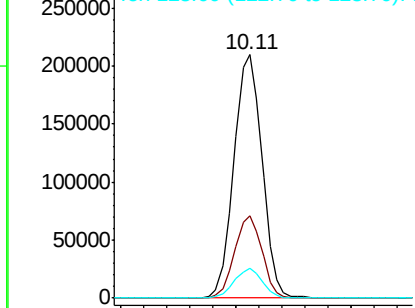


#28
bis(2-Chloroethoxy)methane
Concen: 51.890 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Tgt Ion: 93 Resp: 354992
Ion Ratio Lower Upper
93 100
95 34.0 26.6 40.0
123 12.3 10.0 15.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

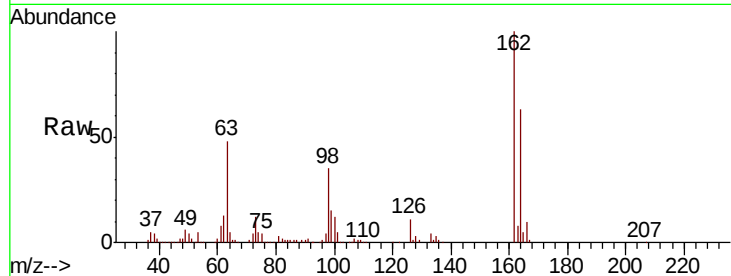




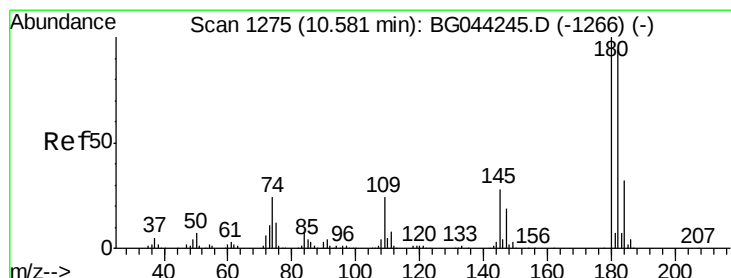
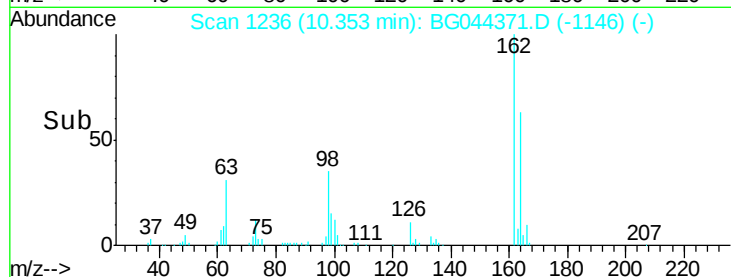
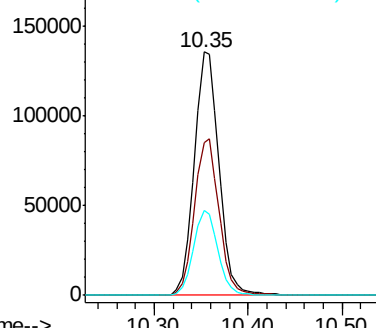
#29
 2,4-Dichlorophenol
 Concen: 52.236 ng
 RT: 10.35 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: BG044371.D
 Acq: 11 Feb 2020 2:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.7	44.7	84.7
98	35.0	15.8	55.8

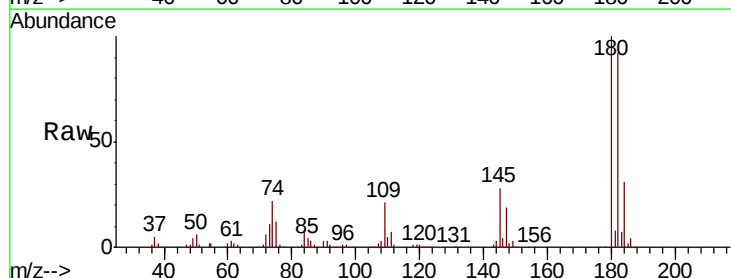


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

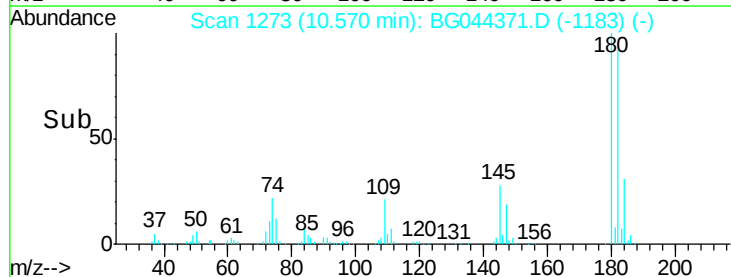
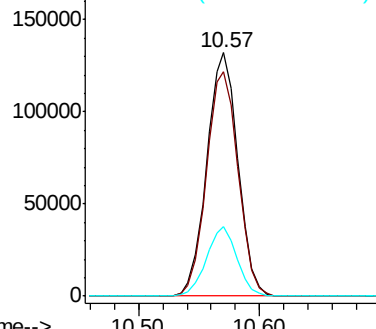


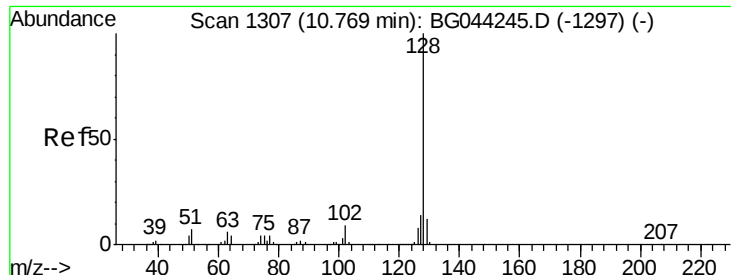
#30
 1,2,4-Trichlorobenzene
 Concen: 43.359 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG044371.D
 Acq: 11 Feb 2020 2:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.1	75.5	113.3
145	28.4	22.6	34.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

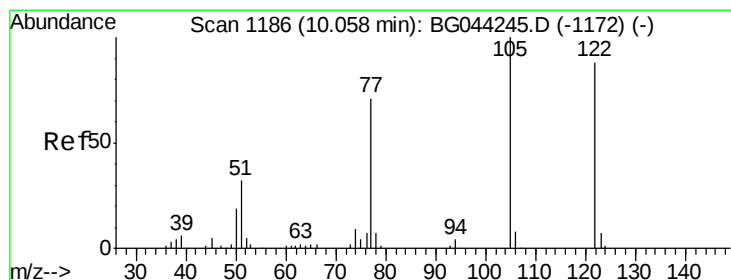
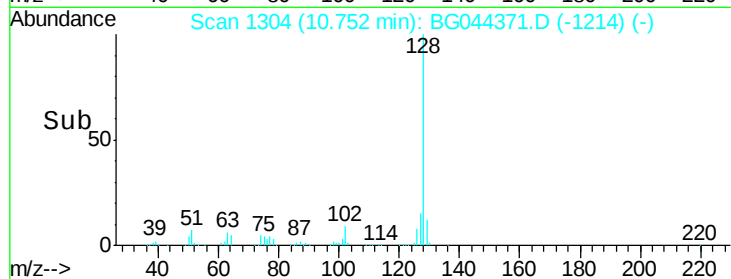
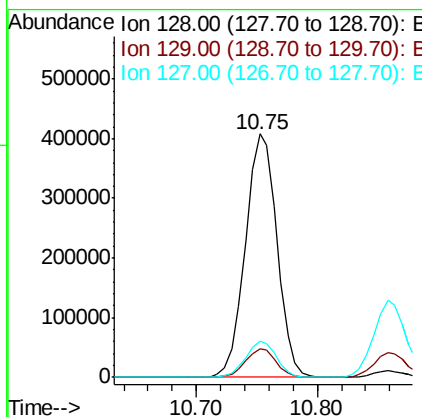
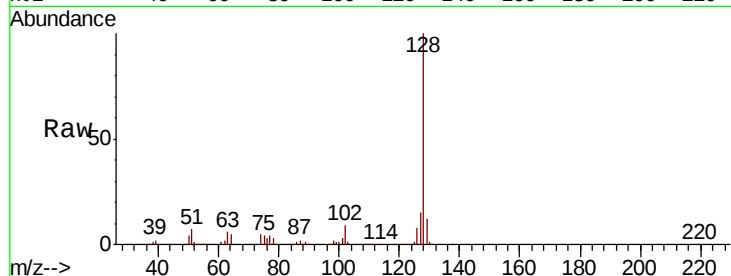




#31
Naphthalene
Concen: 49.433 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

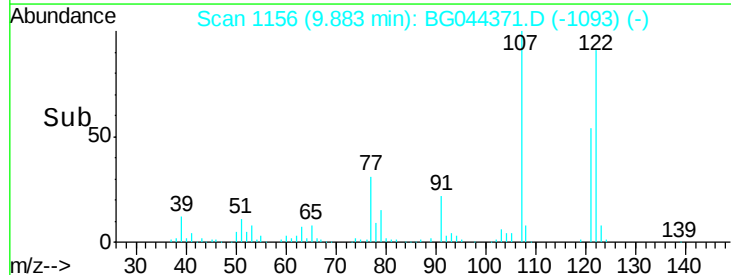
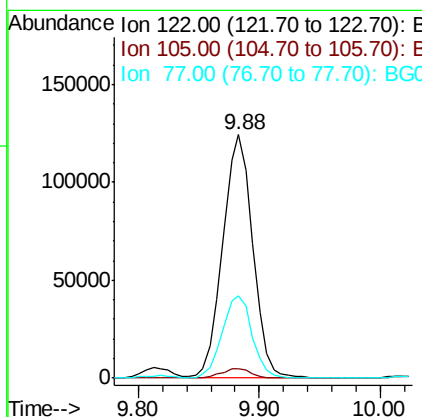
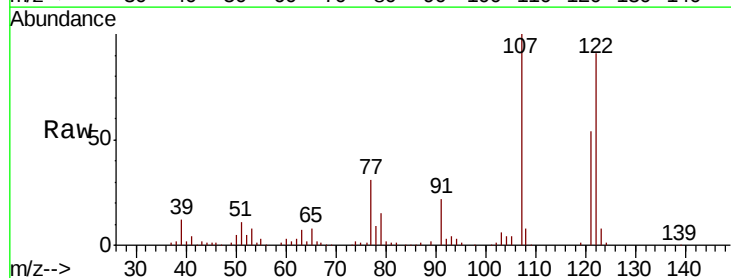
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.3	13.9
127	14.8	11.6	17.4



#32
Benzoic acid
Concen: 72.003 ng
RT: 9.88 min Scan# 1156
Delta R.T. -0.16 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	4.0	93.5	133.5#
77	33.9	61.0	101.0#

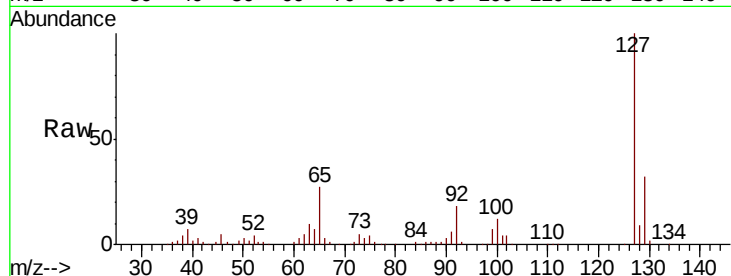




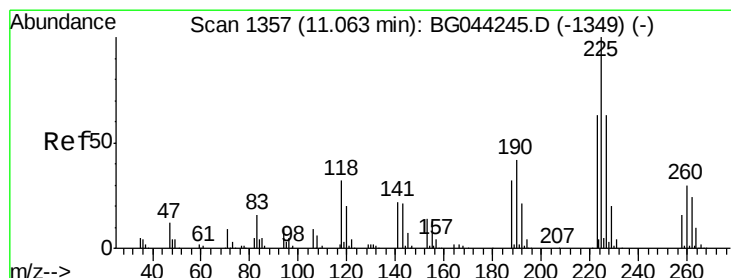
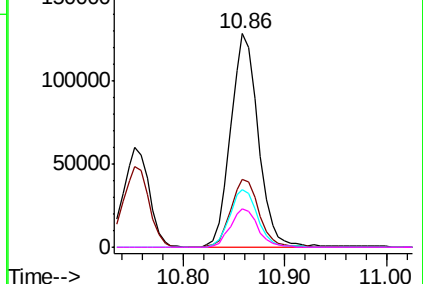
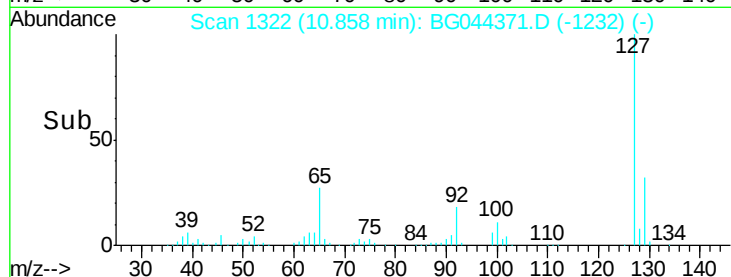
#33
4-Chloroaniline
Concen: 35.650 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	244350
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.6	40.0
65	26.9	22.5	33.7
92	18.1	14.1	21.1

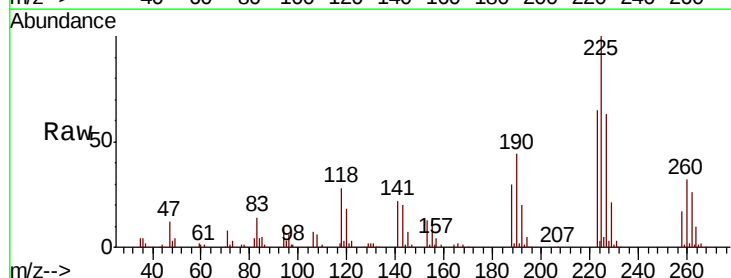


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

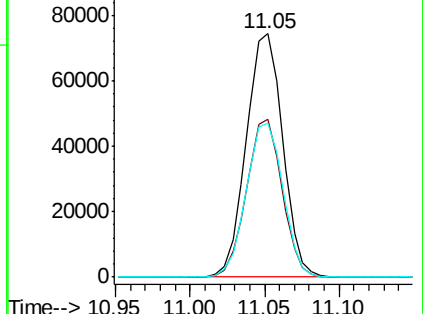
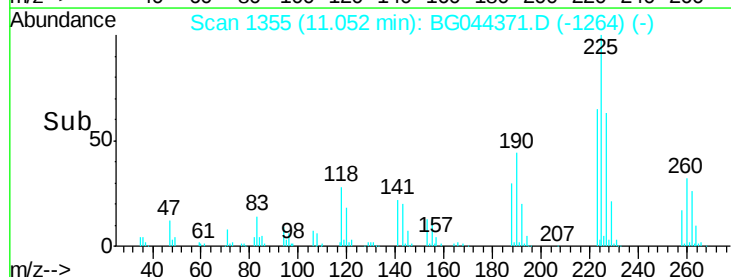


#34
Hexachlorobutadiene
Concen: 37.325 ng
RT: 11.05 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Tgt Ion:	225	Resp:	125285
Ion	Ratio	Lower	Upper
225	100		
223	64.9	50.2	75.4
227	63.2	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: 7.895 ng

RT: 11.63 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

Instrument :

BNA_G

ClientSampleId :

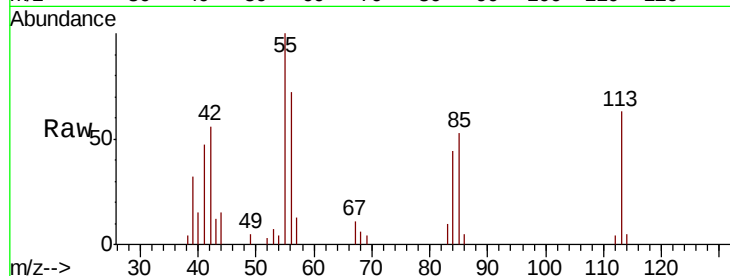
Tot Ion:113 Resp: 13759

Ion Ratio Lower Upper

113 100

55 159.0 129.9 169.9

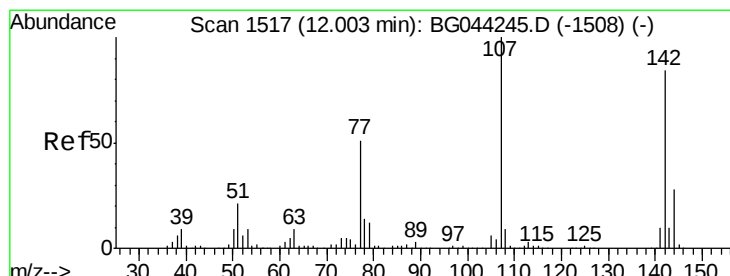
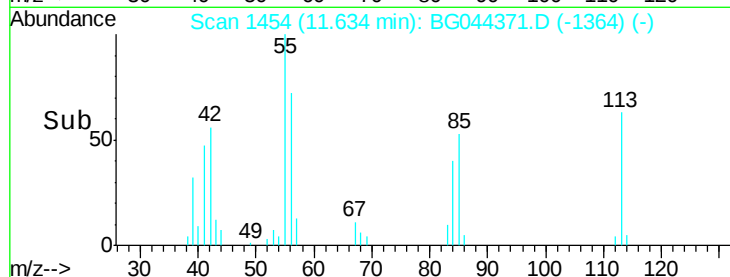
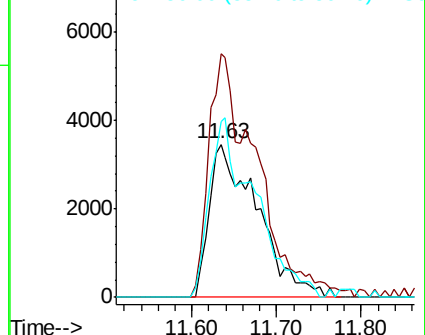
56 115.0 92.5 132.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 50.133 ng

RT: 11.99 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

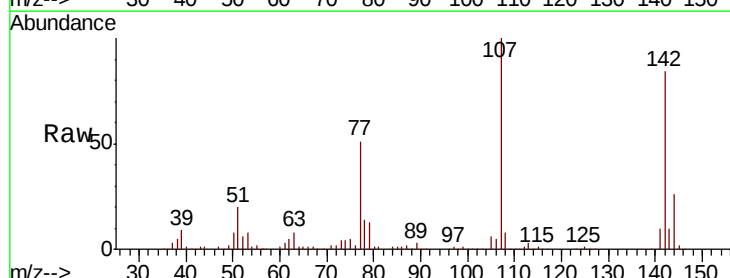
Tgt Ion:107 Resp: 250054

Ion Ratio Lower Upper

107 100

144 26.3 22.2 33.4

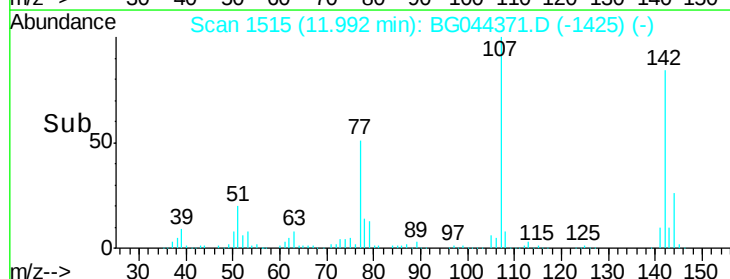
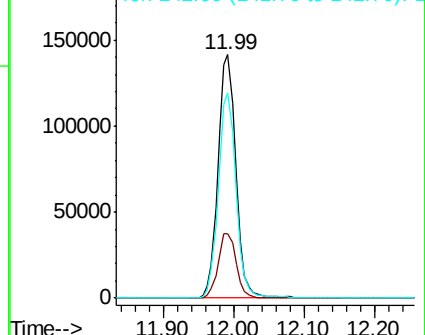
142 84.4 67.4 101.0

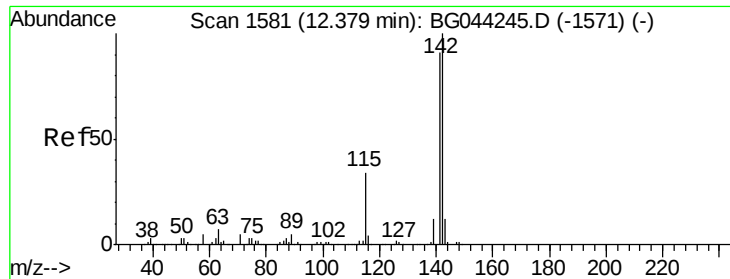


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

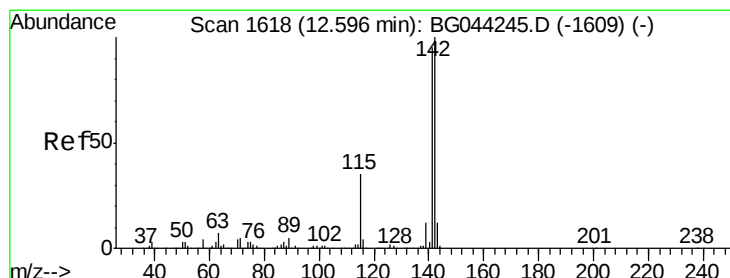
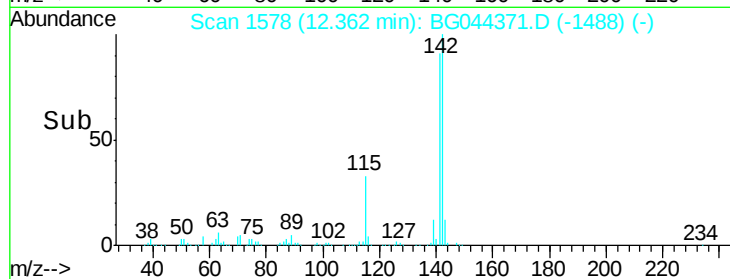
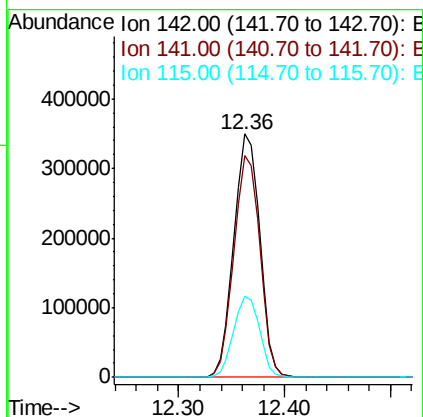
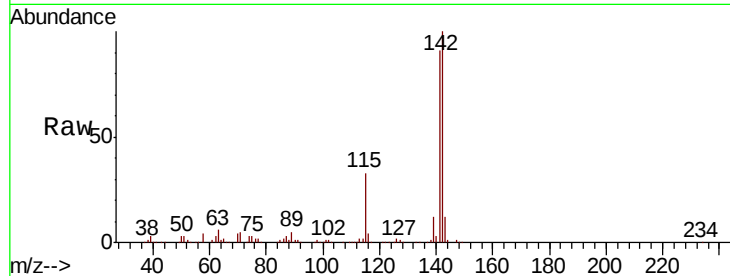




#37
2-Methylnaphthalene
Concen: 53.267 ng
RT: 12.36 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

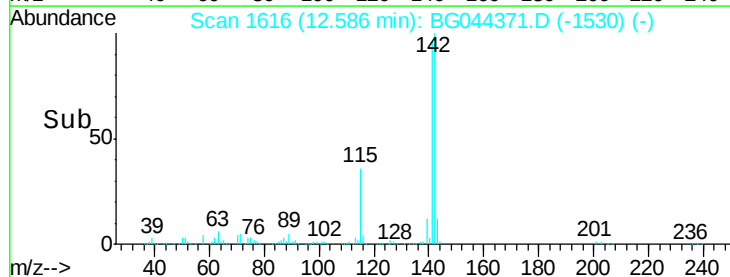
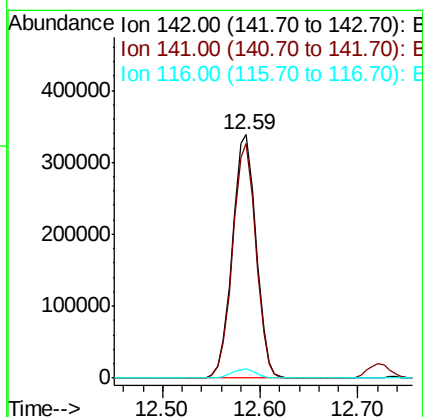
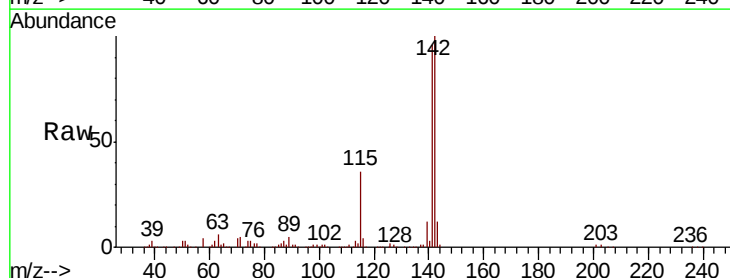
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.2	109.8
115	33.3	27.1	40.7



#38
1-Methylnaphthalene
Concen: 53.952 ng
RT: 12.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.2	75.8	113.6
116	3.8	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.54 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

Instrument :

BNA_G

ClientSampleId :

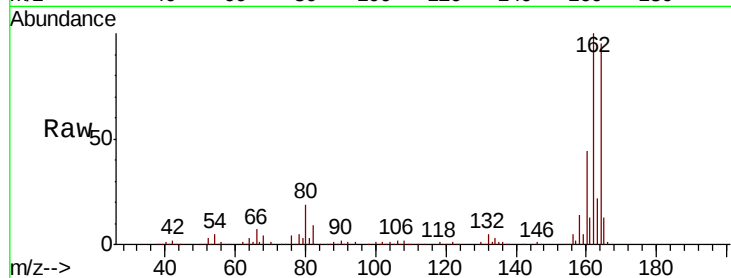
Tot Ion:164 Resp: 219486

Ion Ratio Lower Upper

164 100

162 105.6 80.7 121.1

160 46.0 35.3 52.9

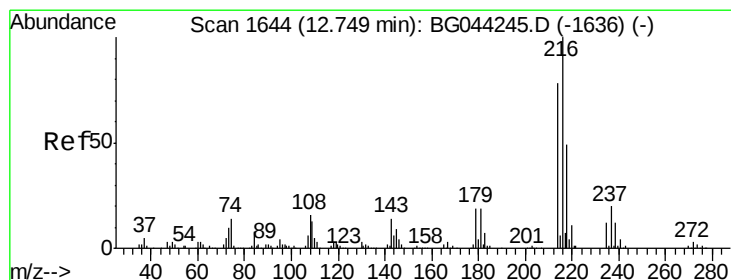
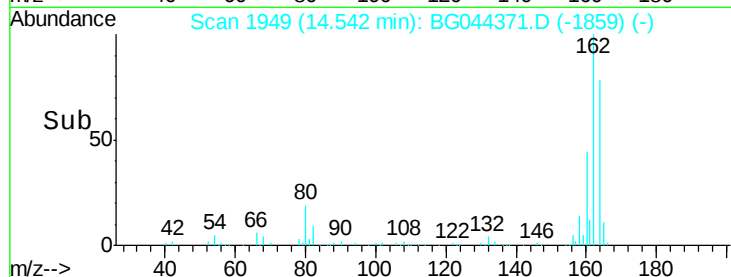
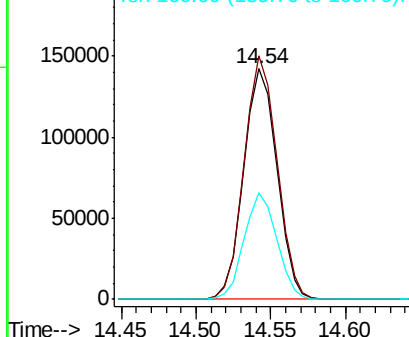


Abundance

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: 45.732 ng

RT: 12.74 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

Tgt Ion:216 Resp: 300255

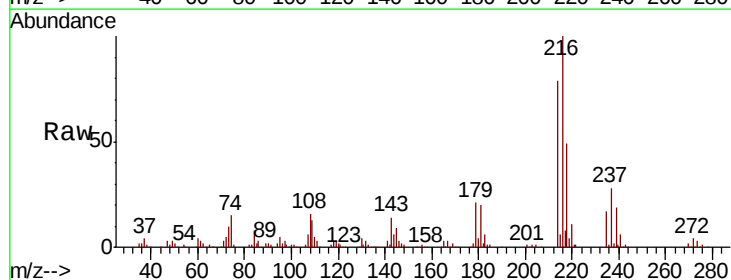
Ion Ratio Lower Upper

216 100

214 79.1 63.0 94.6

179 20.3 16.2 24.4

108 18.0 13.5 20.3



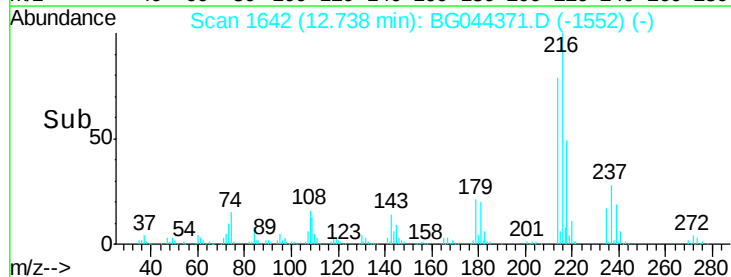
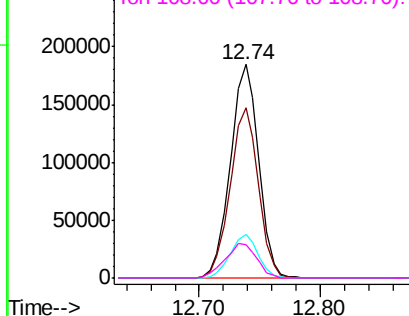
Abundance

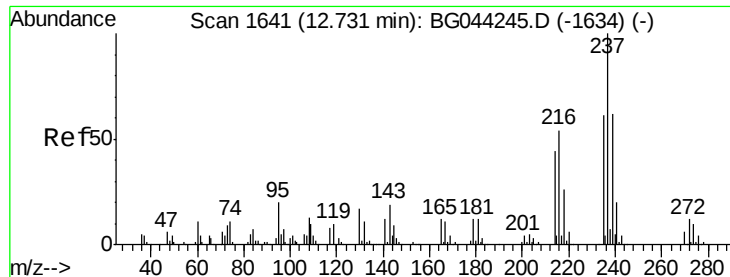
Ion 216.00 (215.70 to 216.70): E

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: 88.766 ng

RT: 12.72 min Scan# 1639

Delta R.T. -0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

Instrument :

BNA_G

ClientSampleId :

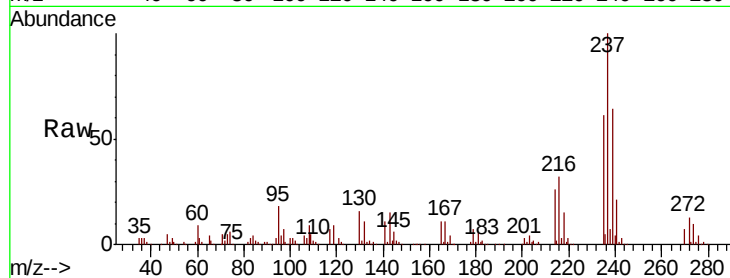
Tot Ion:237 Resp: 279643

Ion Ratio Lower Upper

237 100

235 60.9 41.2 81.2

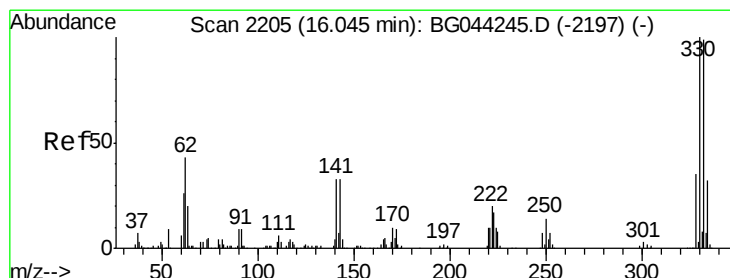
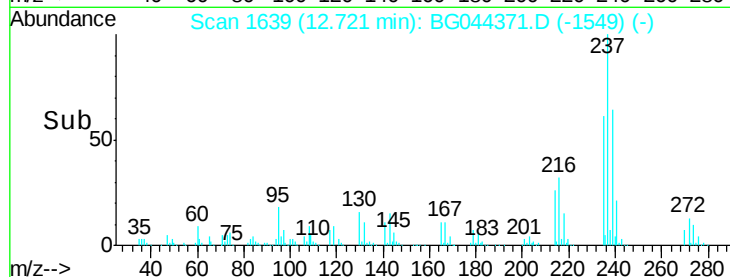
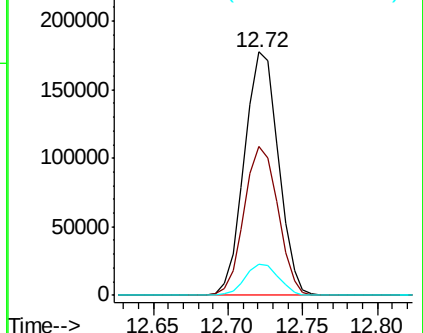
272 12.5 0.0 32.4



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: 107.160 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

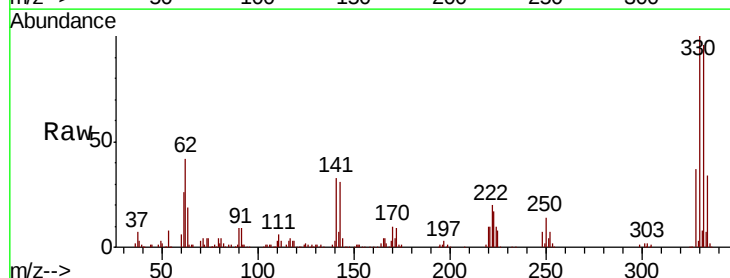
Tgt Ion:330 Resp: 276114

Ion Ratio Lower Upper

330 100

332 96.9 77.2 115.8

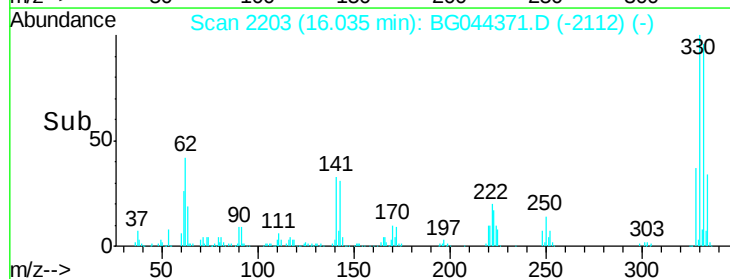
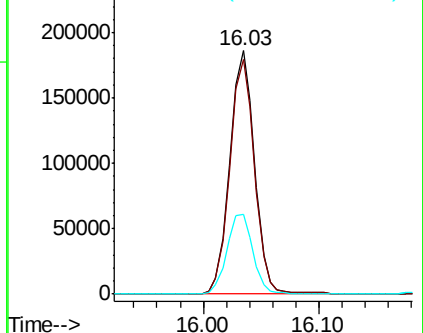
141 34.5 28.3 42.5



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

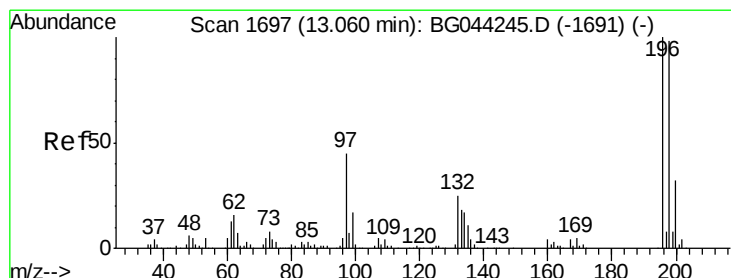
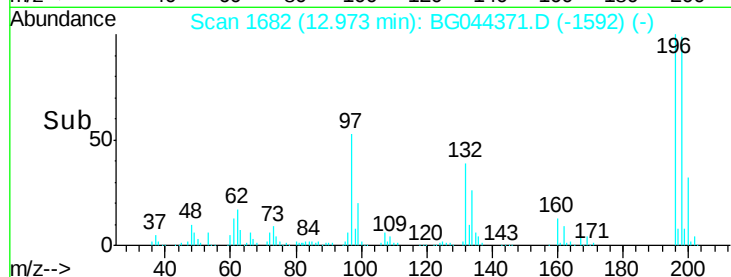
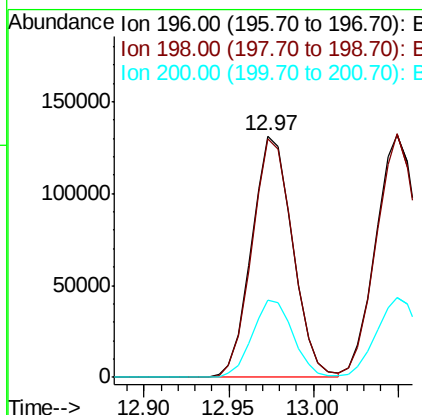
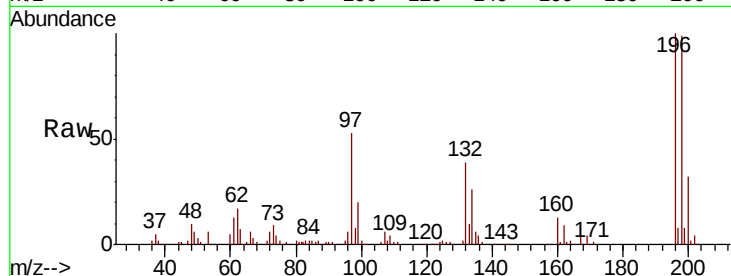




#43
 2,4,6-Trichlorophenol
 Concen: 52.090 ng
 RT: 12.97 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG044371.D
 Acq: 11 Feb 2020 2:33

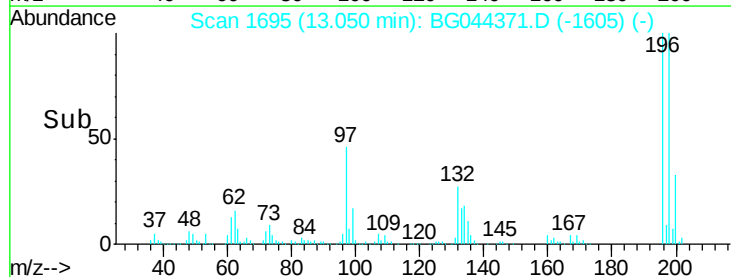
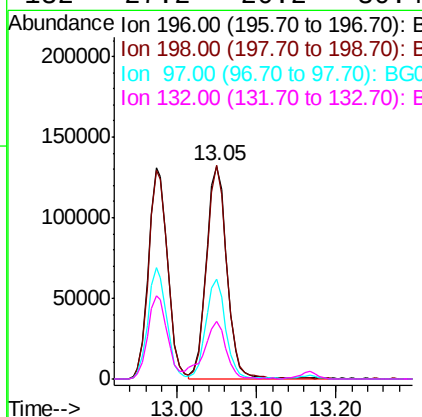
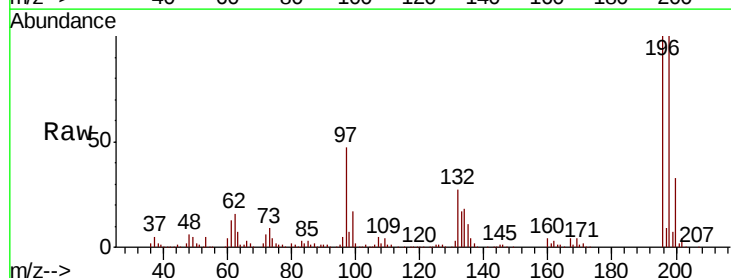
Instrument :
 BNA_G
 ClientSampleId :

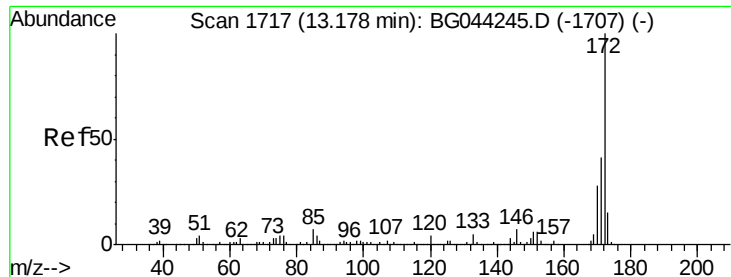
Tot Ion:196 Resp: 221058
 Ion Ratio Lower Upper
 196 100
 198 98.7 79.3 118.9
 200 31.8 25.7 38.5



#44
 2,4,5-Trichlorophenol
 Concen: 55.055 ng
 RT: 13.05 min Scan# 1695
 Delta R.T. -0.00 min
 Lab File: BG044371.D
 Acq: 11 Feb 2020 2:33

Tgt Ion:196 Resp: 238641
 Ion Ratio Lower Upper
 196 100
 198 100.5 78.2 117.2
 97 46.8 36.2 54.4
 132 27.2 20.2 30.4



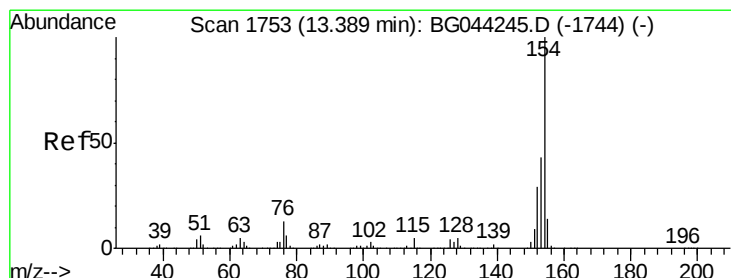
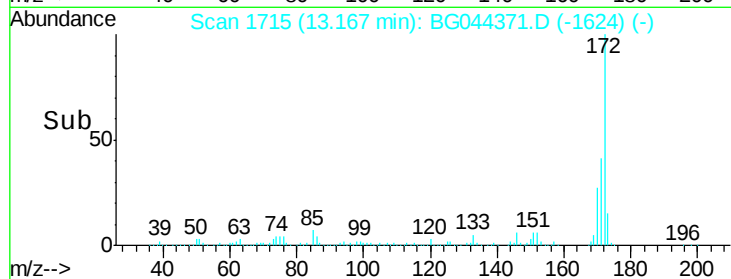
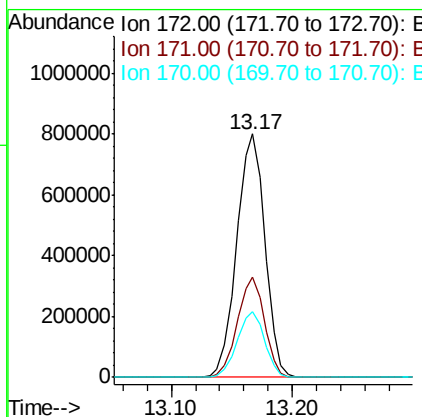
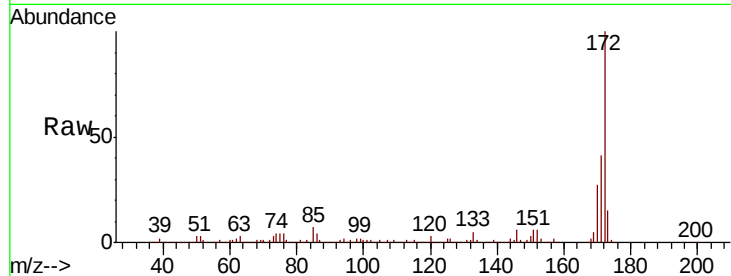


#45
 2-Fluorobiphenyl
 Concen: 99.265 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG044371.D
 Acq: 11 Feb 2020 2:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1301082

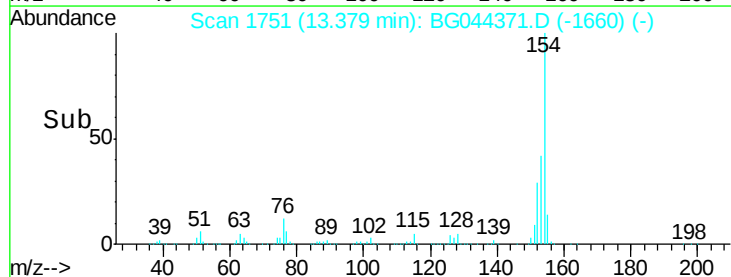
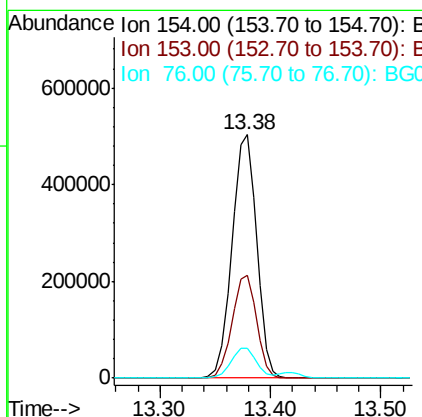
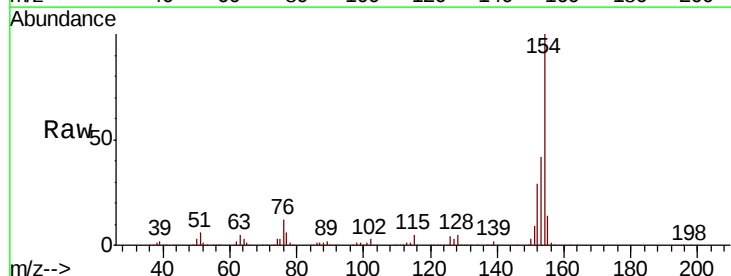
Ion	Ratio	Lower	Upper
172	100		
171	40.9	32.9	49.3
170	27.0	22.0	33.0

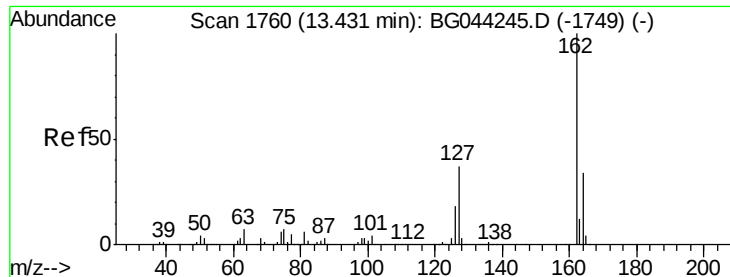


#46
 1,1'-Biphenyl
 Concen: 49.918 ng
 RT: 13.38 min Scan# 1751
 Delta R.T. 0.00 min
 Lab File: BG044371.D
 Acq: 11 Feb 2020 2:33

Tgt Ion:154 Resp: 790283

Ion	Ratio	Lower	Upper
154	100		
153	42.3	22.7	62.7
76	12.2	0.0	32.9

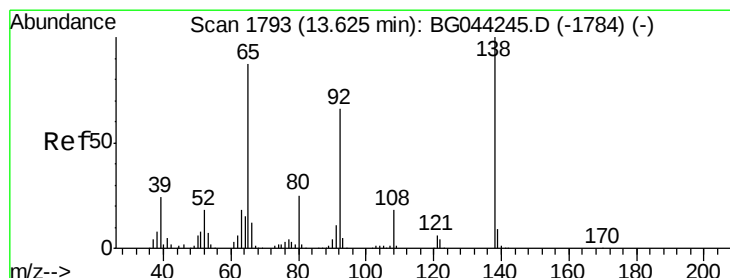
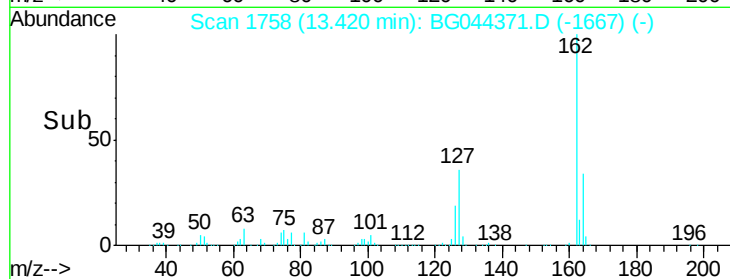
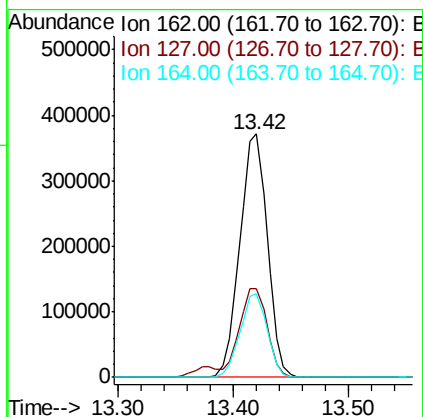
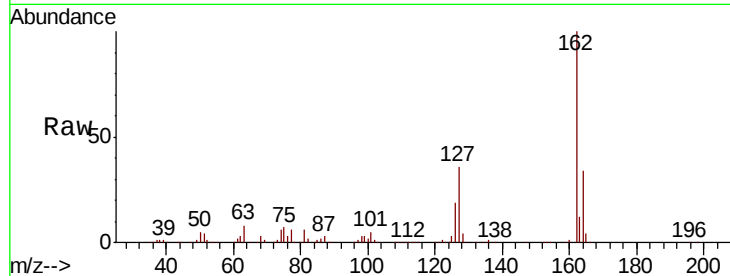




#47
 2-Chloronaphthalene
 Concen: 48.780 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: BG044371.D
 Acq: 11 Feb 2020 2:33

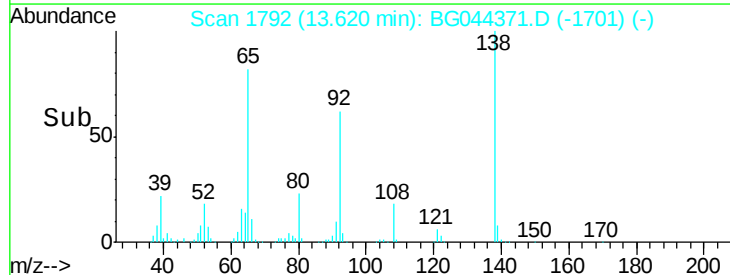
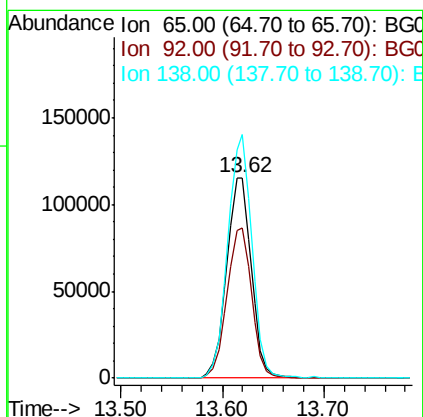
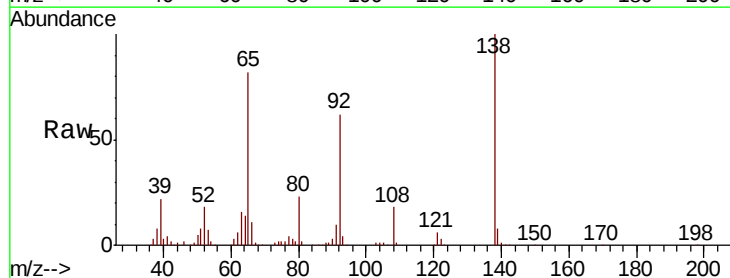
Instrument :
 BNA_G
 ClientSampleId :

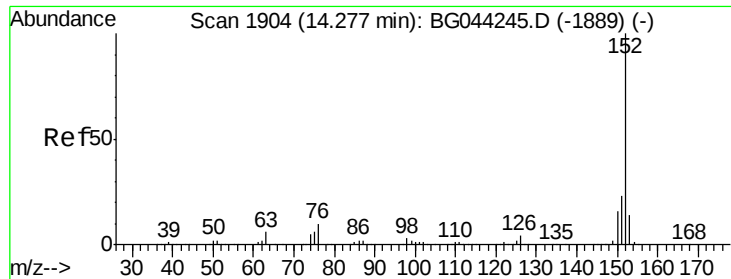
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.3	30.0	45.0
164	34.1	27.2	40.8



#48
 2-Nitroaniline
 Concen: 52.817 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: BG044371.D
 Acq: 11 Feb 2020 2:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.0	60.3	90.5
138	121.3	91.9	137.9





#49

Acenaphthylene

Concen: 54.381 ng

RT: 14.27 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

Instrument :

BNA_G

ClientSampleId :

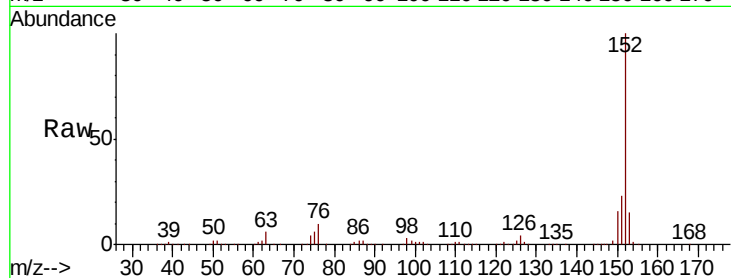
Tot Ion:152 Resp: 1004850

Ion Ratio Lower Upper

152 100

151 22.6 18.1 27.1

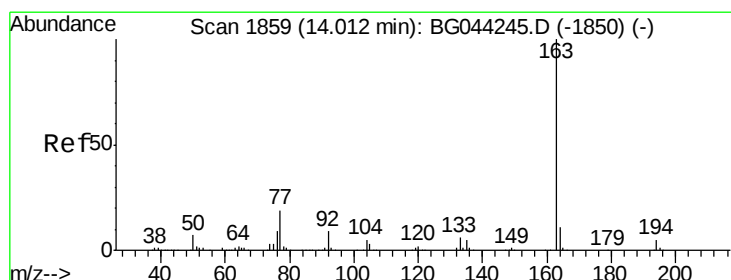
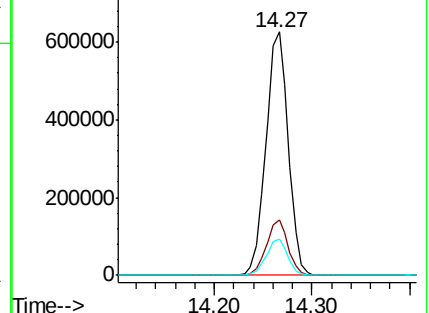
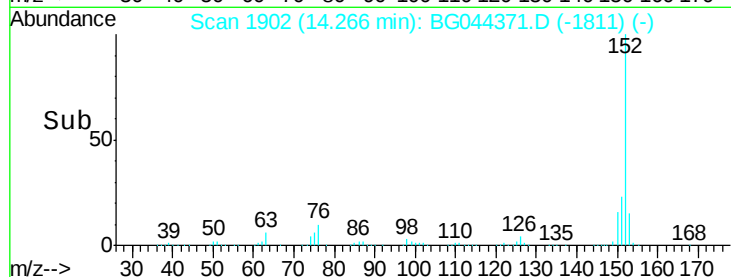
153 14.9 11.5 17.3



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: 53.608 ng

RT: 14.00 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

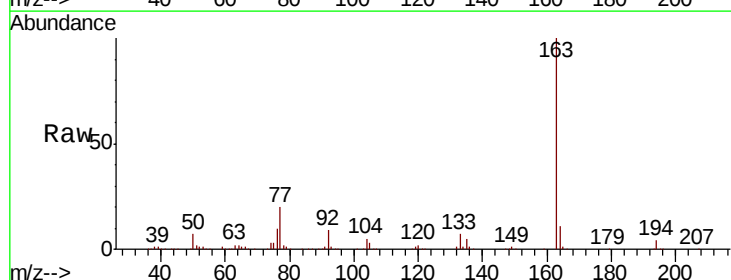
Tgt Ion:163 Resp: 845782

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

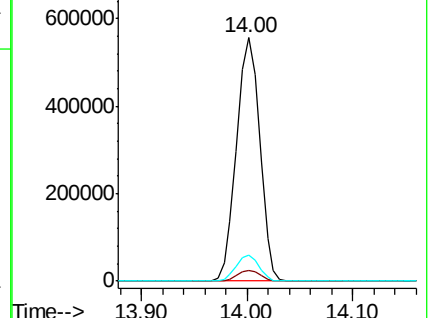
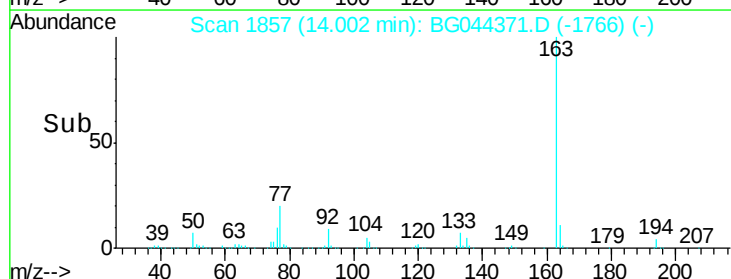
164 10.8 8.7 13.1

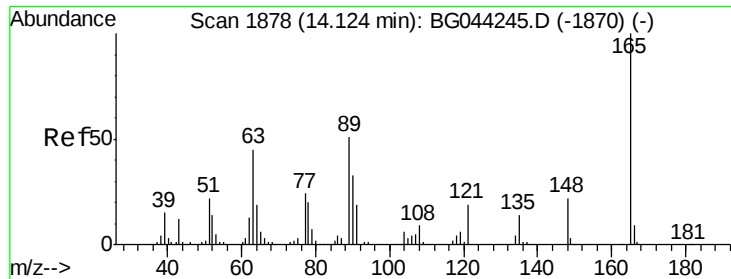


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

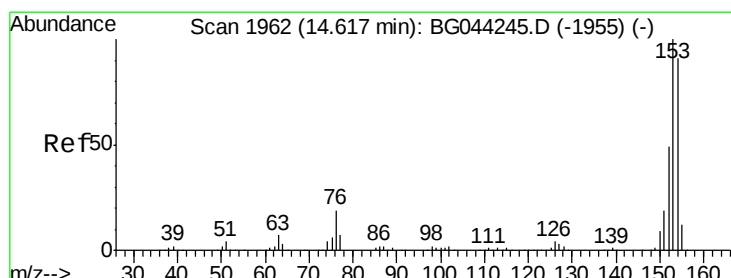
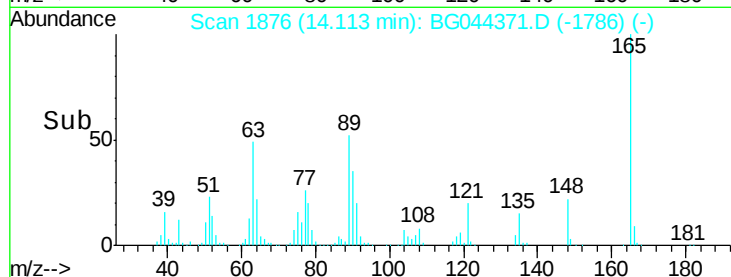
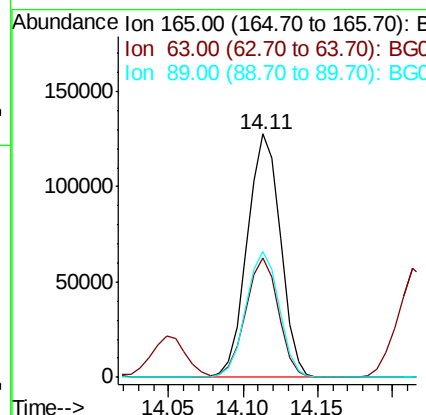
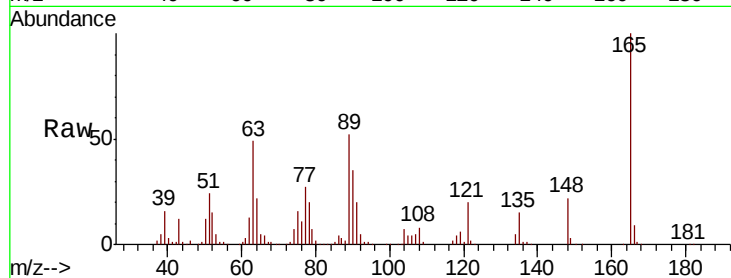




#51
 2,6-Dinitrotoluene
 Concen: 55.844 ng
 RT: 14.11 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: BG044371.D
 Acq: 11 Feb 2020 2:33

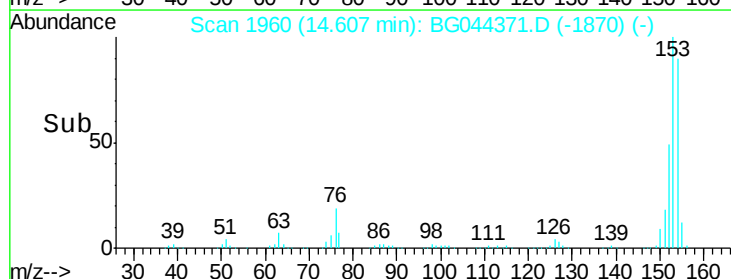
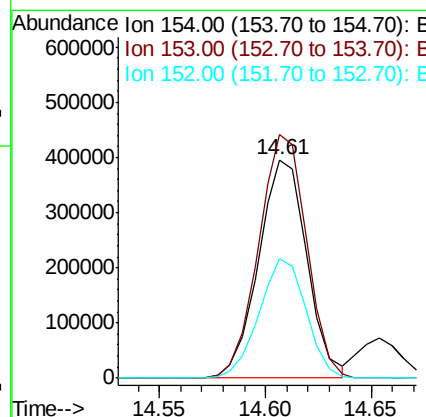
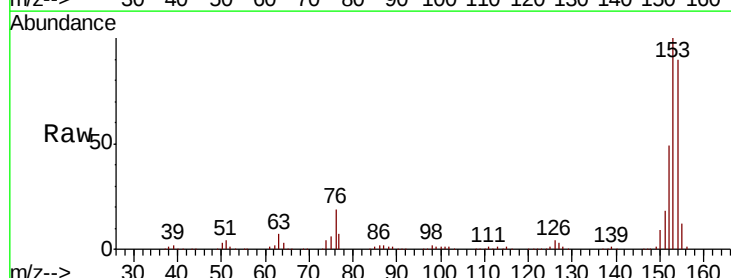
Instrument :
 BNA_G
 ClientSampleId :

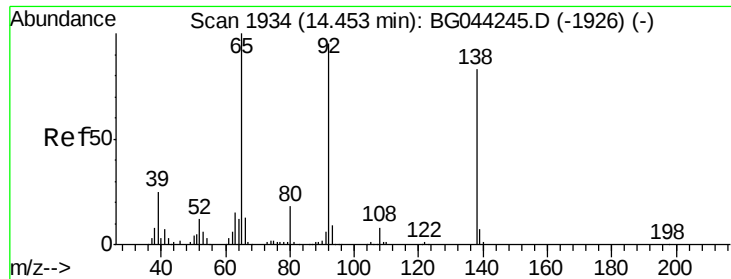
Tot Ion:165 Resp: 196447
 Ion Ratio Lower Upper
 165 100
 63 49.1 38.7 58.1
 89 51.8 40.4 60.6



#52
 Acenaphthene
 Concen: 52.544 ng
 RT: 14.61 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG044371.D
 Acq: 11 Feb 2020 2:33

Tgt Ion:154 Resp: 629319
 Ion Ratio Lower Upper
 154 100
 153 111.5 87.9 131.9
 152 55.0 43.1 64.7

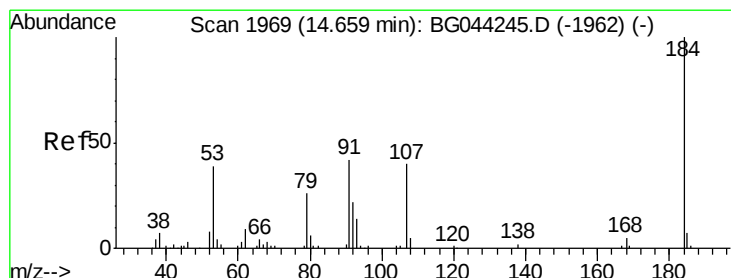
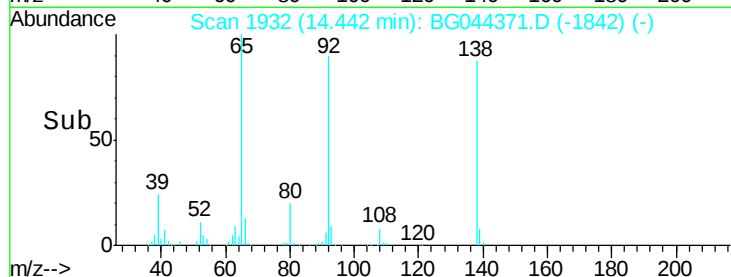
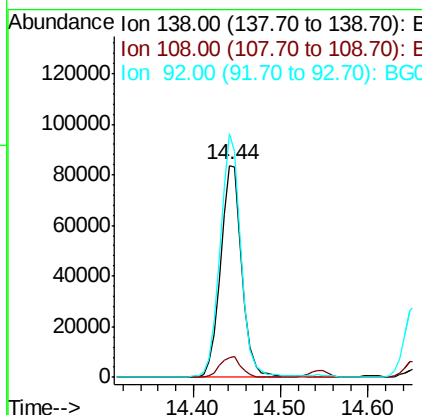
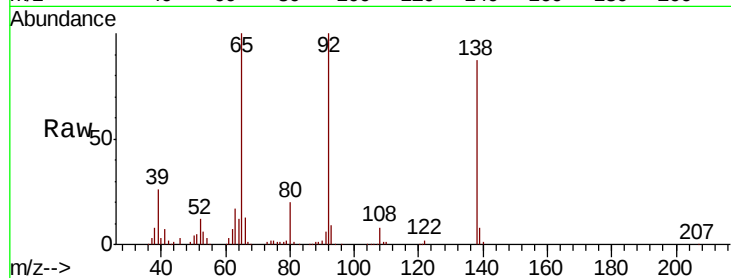




#53
3-Nitroaniline
Concen: 36.357 ng
RT: 14.44 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

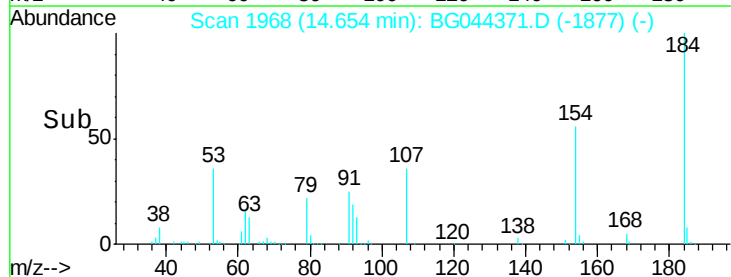
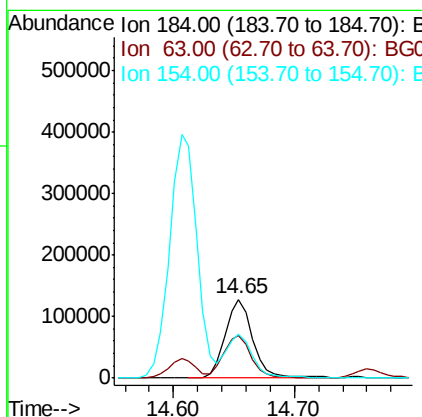
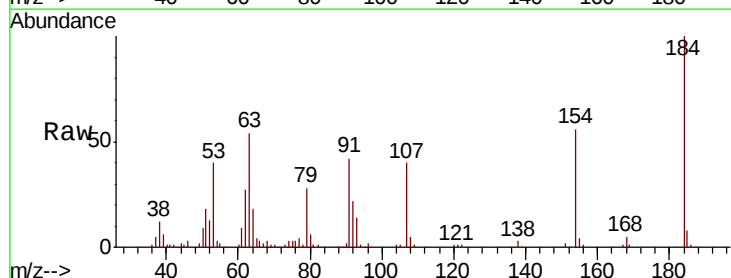
Instrument :
BNA_G
ClientSampleId :

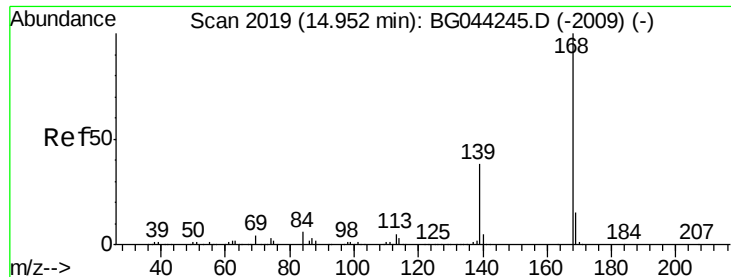
Tot Ion:138 Resp: 141499
Ion Ratio Lower Upper
138 100
108 9.2 7.9 11.9
92 114.7 91.0 136.4



#54
2,4-Dinitrophenol
Concen: 96.540 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Tgt Ion:184 Resp: 204864
Ion Ratio Lower Upper
184 100
63 54.3 44.1 66.1
154 56.0 45.4 68.0

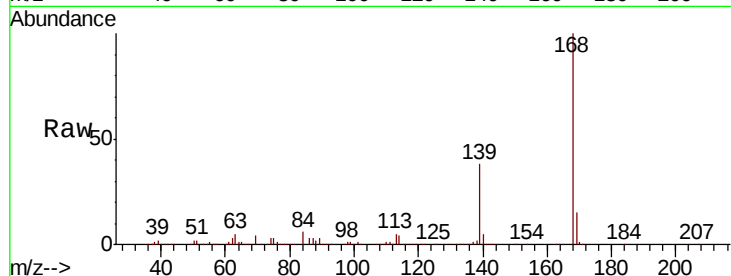




#55
Dibenzofuran
Concen: 54.015 ng
RT: 14.94 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.0	30.5	45.7
169	15.2	11.7	17.5

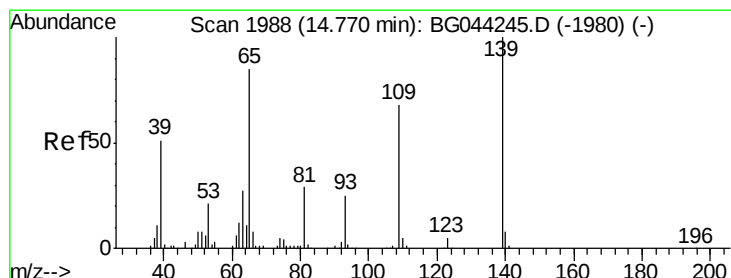
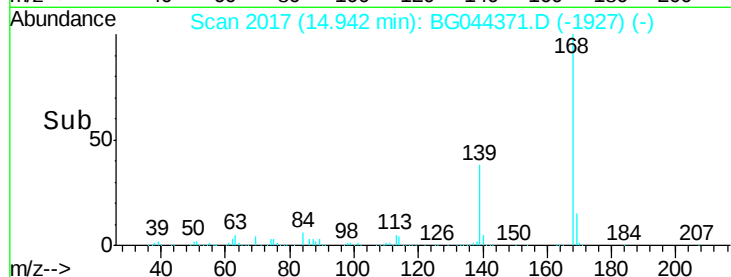
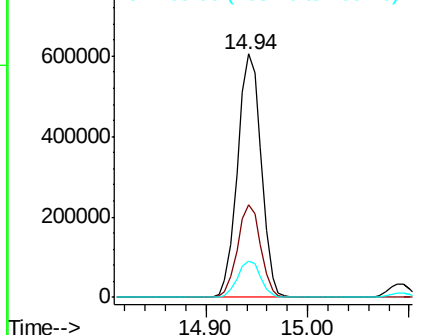


Abundance

Ion 168.00 (167.70 to 168.70): E

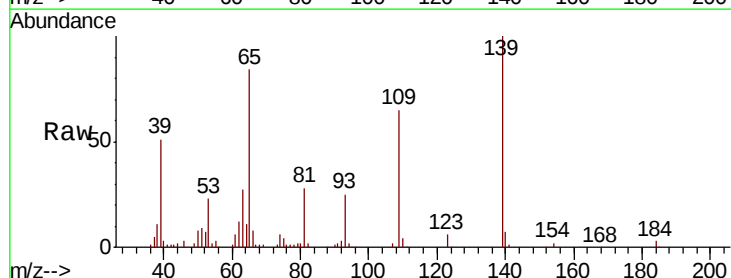
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 33.083 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.4	47.5	87.5
65	84.3	64.9	104.9

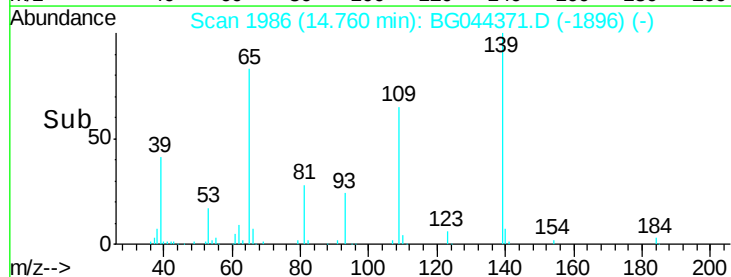
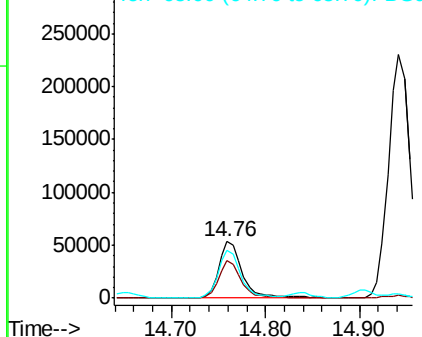


Abundance

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): BG0

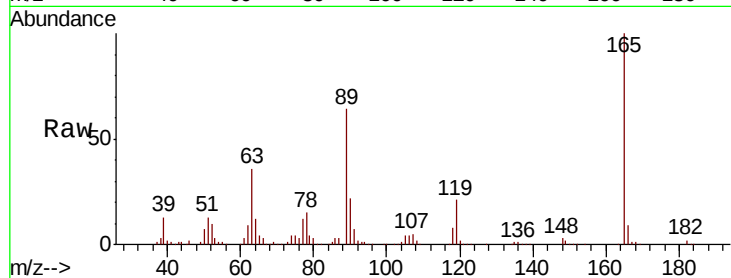




#57
2,4-Dinitrotoluene
Concen: 56.815 ng
RT: 14.91 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	36.1	30.3	45.5
89	63.7	53.4	80.2
182	2.5	2.1	3.1

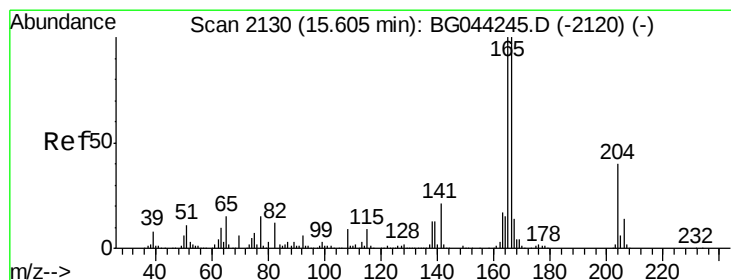
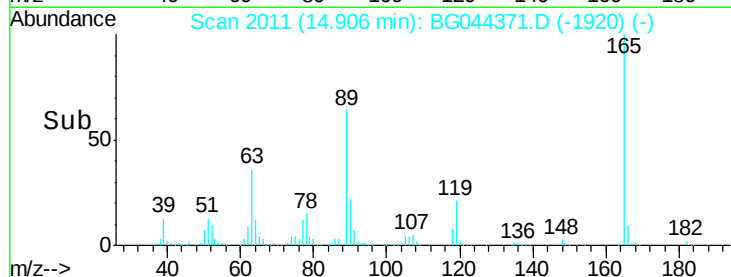
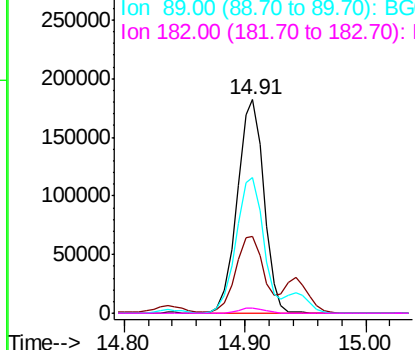


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

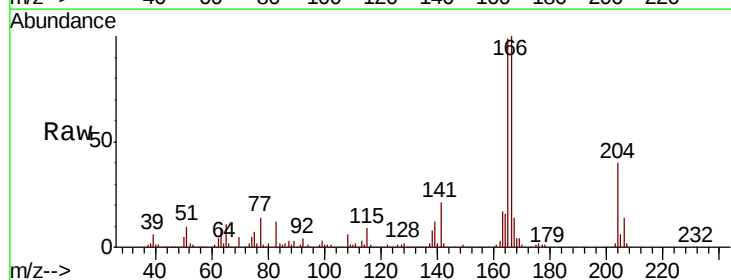
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 54.801 ng
RT: 15.59 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

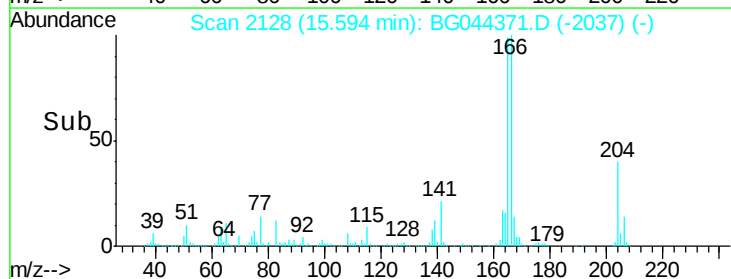
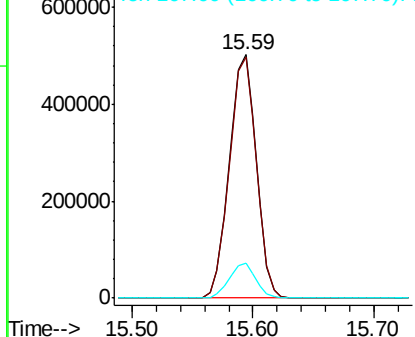
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.9	119.9
167	14.2	11.4	17.0



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

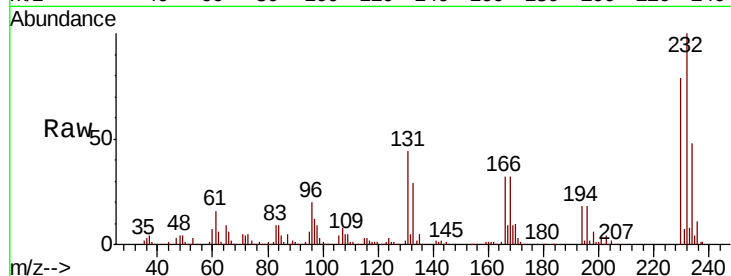




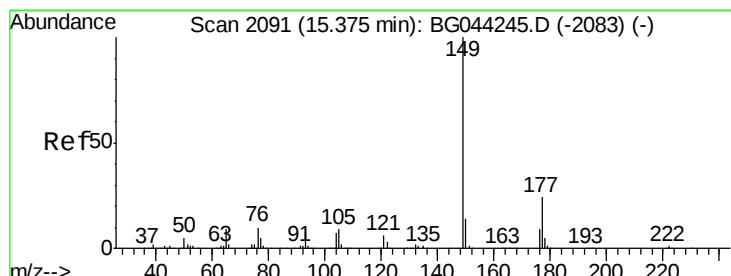
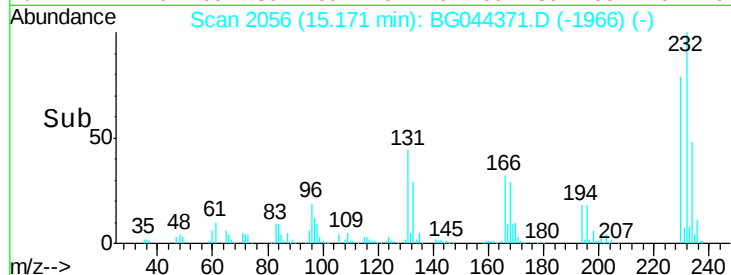
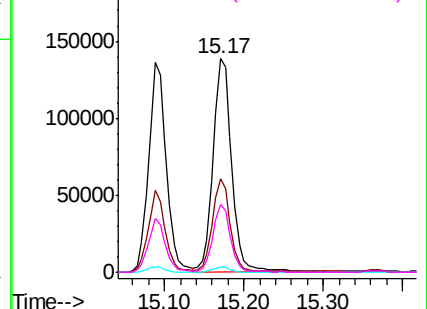
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 57.569 ng
 RT: 15.17 min Scan# 2056
 Delta R.T. -0.00 min
 Lab File: BG044371.D
 Acq: 11 Feb 2020 2:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	225400
Ion	Ratio	Lower	Upper
232	100		
131	41.2	34.2	51.4
130	2.4	1.8	2.8
166	29.7	23.8	35.8

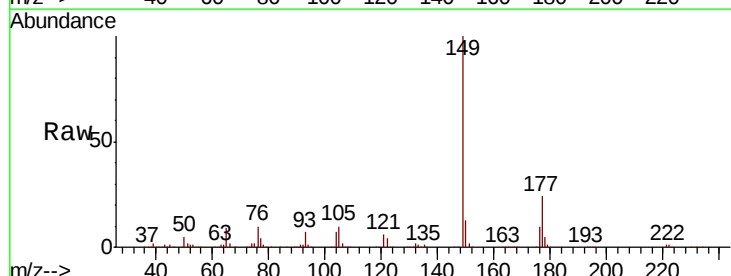


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

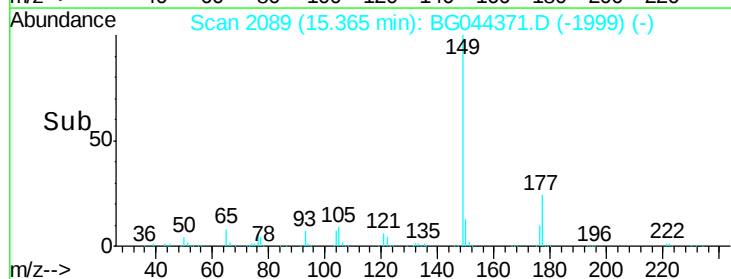
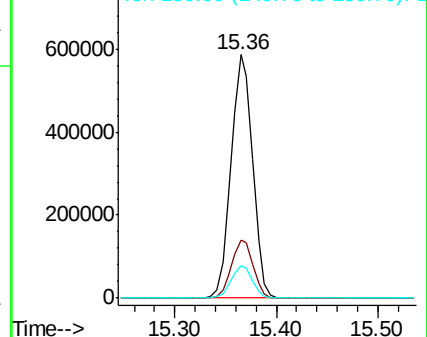


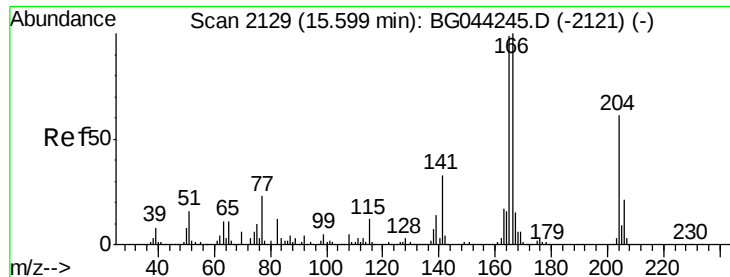
#60
 Diethylphthalate
 Concen: 54.645 ng
 RT: 15.36 min Scan# 2089
 Delta R.T. -0.00 min
 Lab File: BG044371.D
 Acq: 11 Feb 2020 2:33

Tgt Ion:	149	Resp:	859061
Ion	Ratio	Lower	Upper
149	100		
177	24.0	19.4	29.0
150	13.4	10.9	16.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

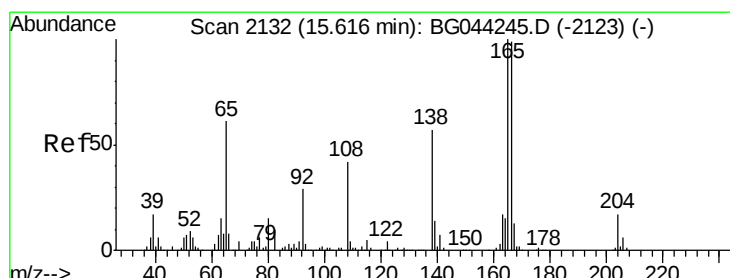
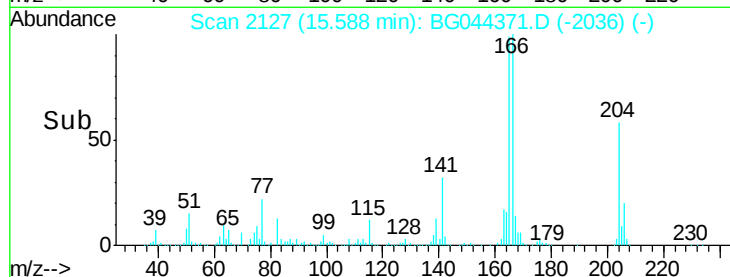
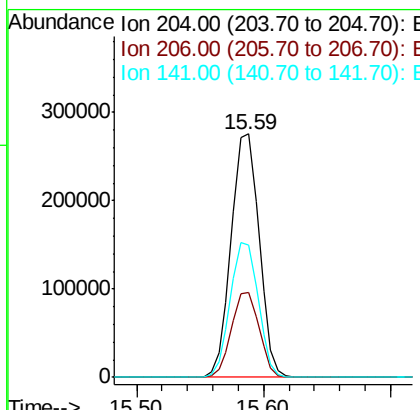
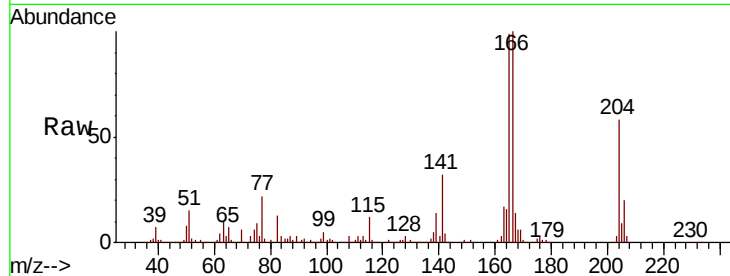




#61
 4-Chlorophenyl-phenylether
 Concen: 54.296 ng
 RT: 15.59 min Scan# 2127
 Delta R.T. 0.00 min
 Lab File: BG044371.D
 Acq: 11 Feb 2020 2:33

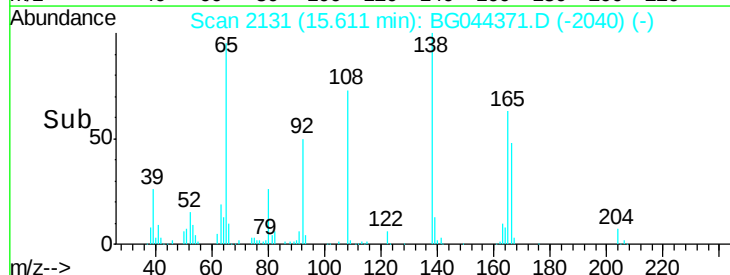
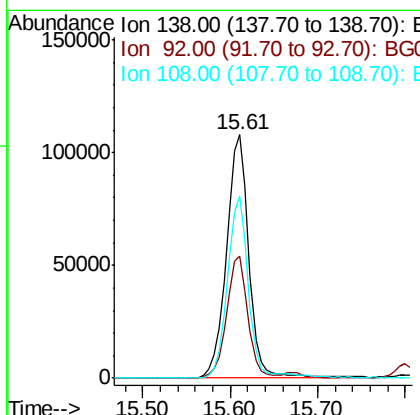
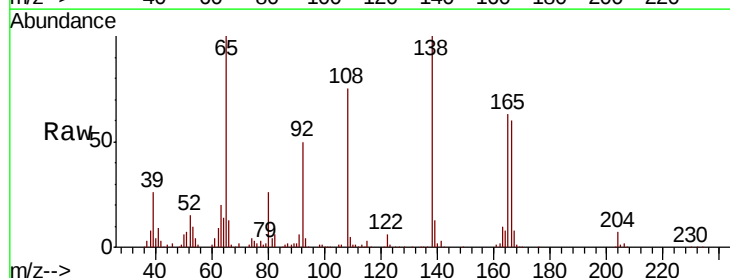
Instrument :
 BNA_G
 ClientSampled :

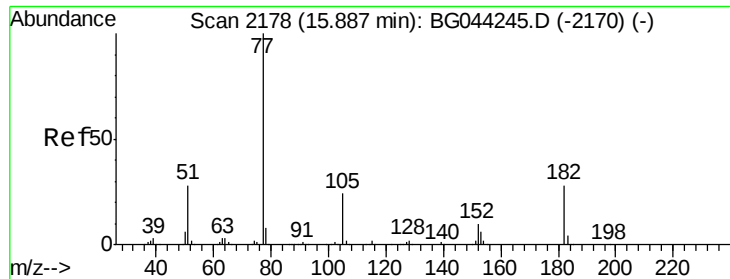
Tot Ion:204 Resp: 420474
 Ion Ratio Lower Upper
 204 100
 206 34.8 27.6 41.4
 141 54.1 43.4 65.0



#62
 4-Nitroaniline
 Concen: 48.786 ng
 RT: 15.61 min Scan# 2131
 Delta R.T. 0.00 min
 Lab File: BG044371.D
 Acq: 11 Feb 2020 2:33

Tgt Ion:138 Resp: 189725
 Ion Ratio Lower Upper
 138 100
 92 50.3 31.3 71.3
 108 74.9 52.6 92.6





#63

Azobenzene

Concen: 55.211 ng

RT: 15.88 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 760712

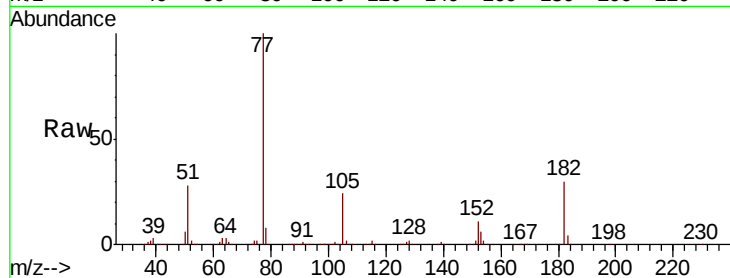
Ion Ratio Lower Upper

77 100

182 29.9 8.2 48.2

105 23.8 3.6 43.6

51 28.2 8.3 48.3

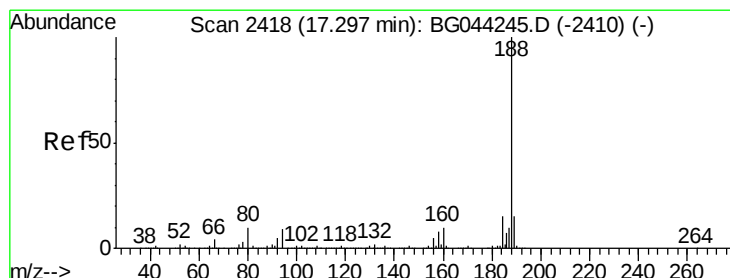
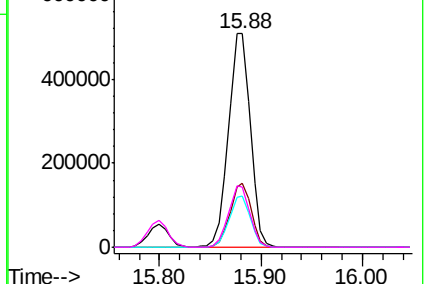
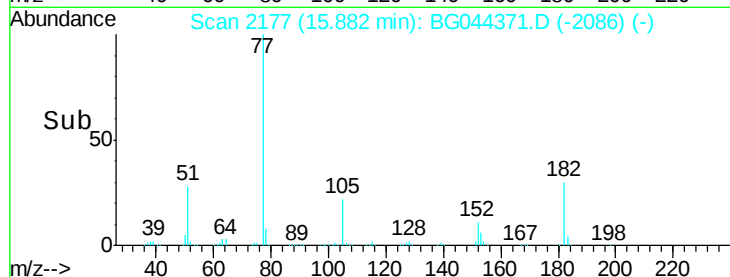


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.29 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

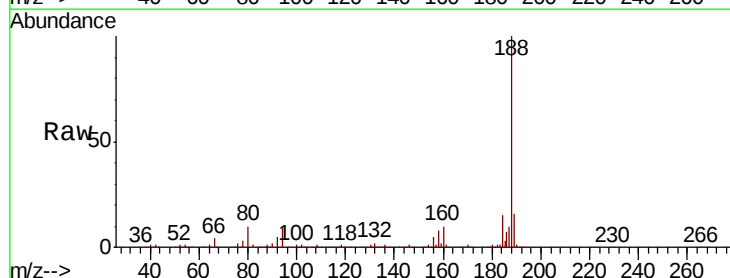
Tgt Ion: 188 Resp: 492804

Ion Ratio Lower Upper

188 100

94 8.9 7.4 11.2

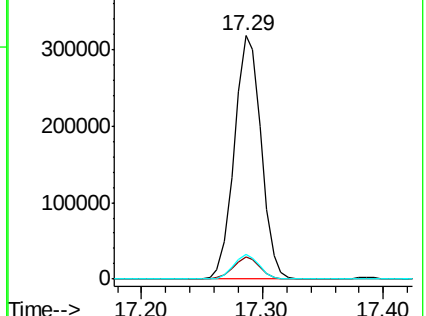
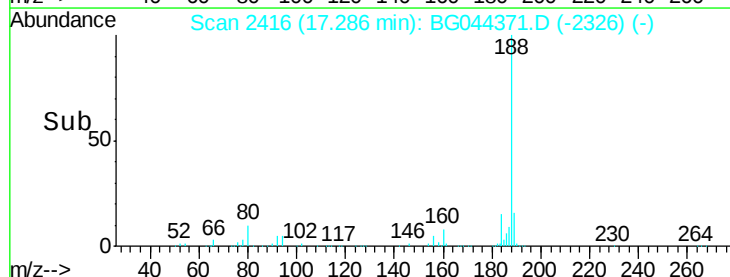
80 10.4 7.7 11.5

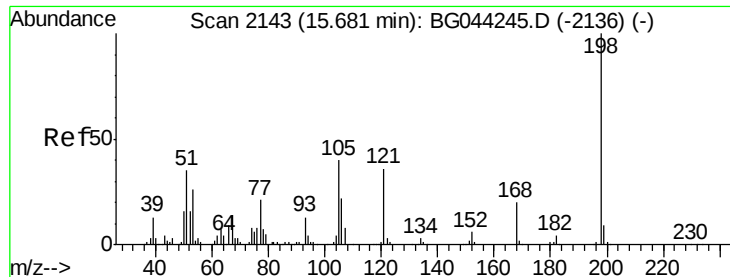


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

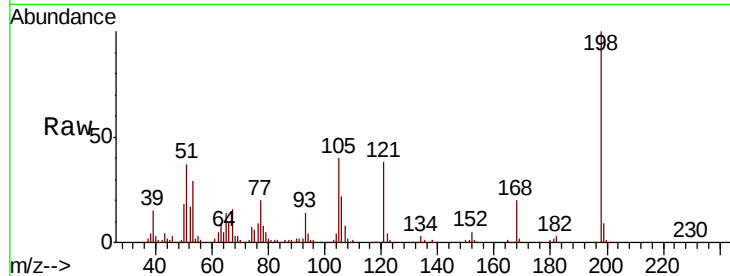




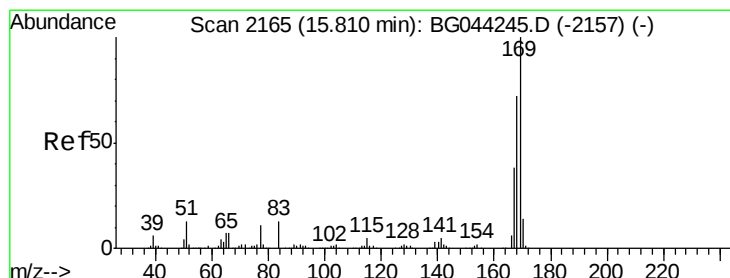
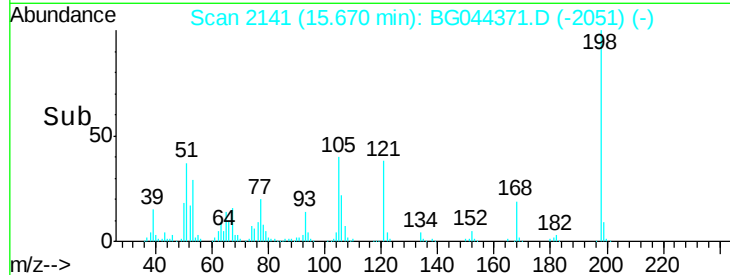
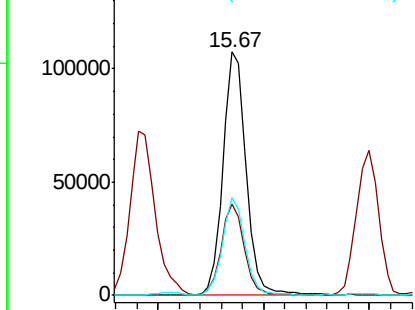
#65
 4,6-Dinitro-2-methylphenol
 Concen: 60.123 ng
 RT: 15.67 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: BG044371.D
 Acq: 11 Feb 2020 2:33

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
198	100		
51	37.3	16.6	56.6
105	40.2	20.6	60.6

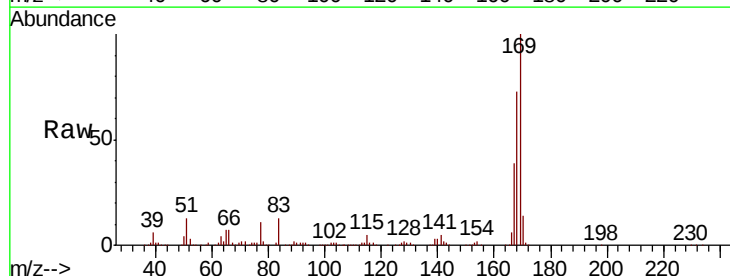


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

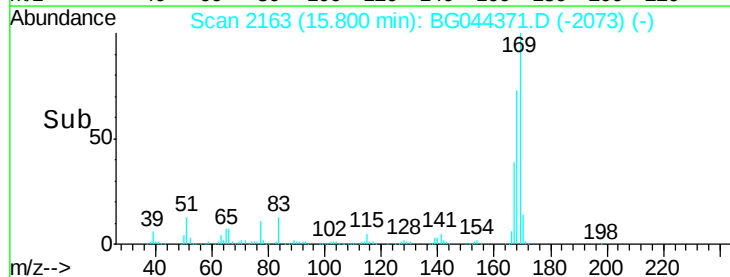
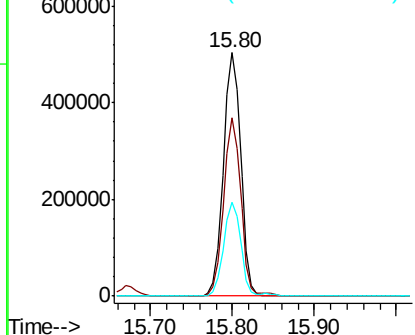


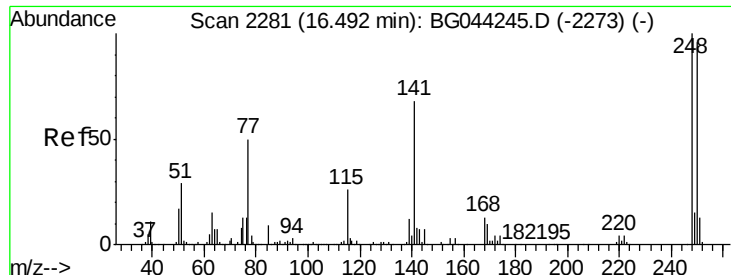
#66
 n-Nitrosodiphenylamine
 Concen: 53.748 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. -0.00 min
 Lab File: BG044371.D
 Acq: 11 Feb 2020 2:33

Tgt Ion	Ratio	Lower	Upper
169	100		
168	73.2	57.9	86.9
167	38.8	30.7	46.1



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

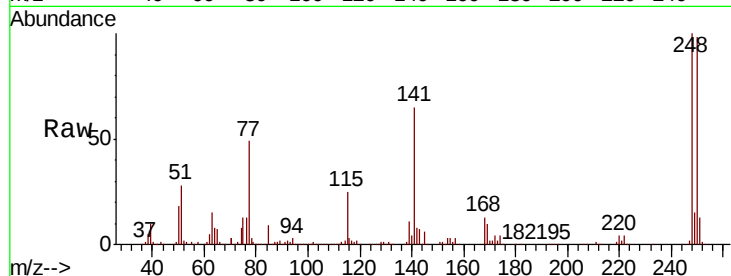




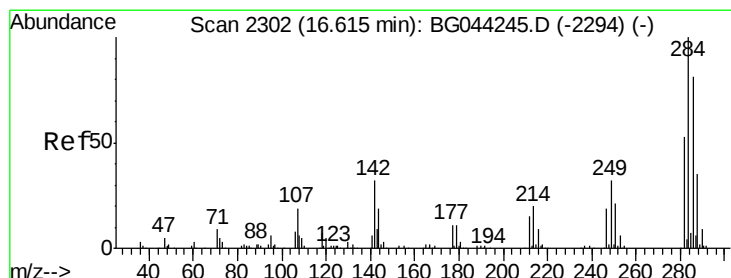
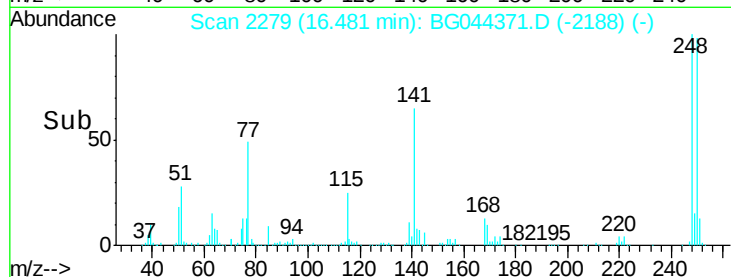
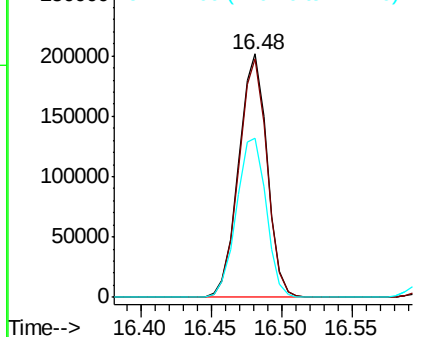
#67
4-Bromophenyl-phenylether
Concen: 52.689 ng
RT: 16.48 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 282887
Ion Ratio Lower Upper
248 100
250 98.0 76.6 114.8
141 65.3 54.7 82.1

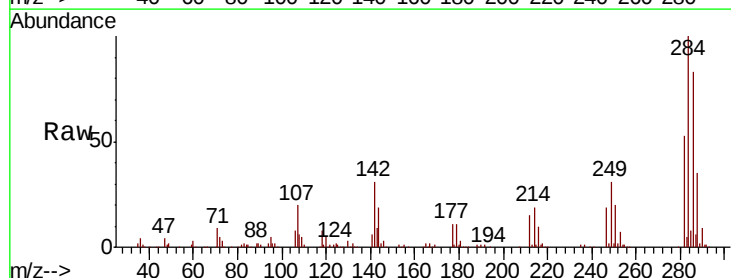


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

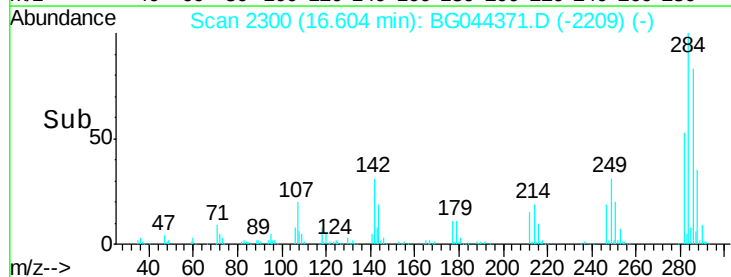
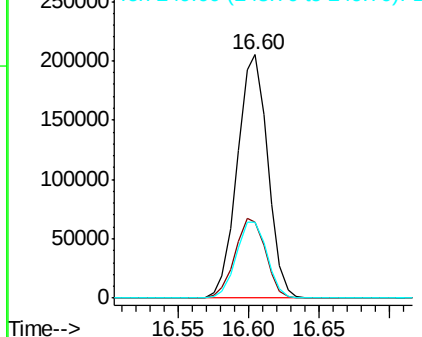


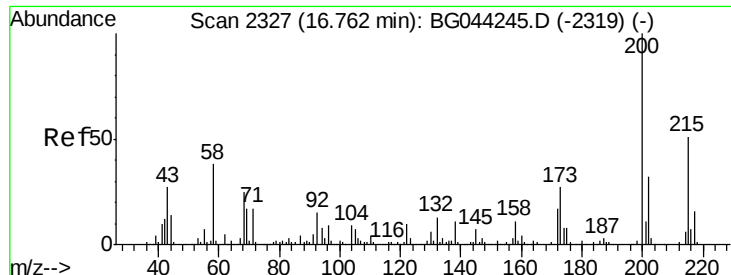
#68
Hexachlorobenzene
Concen: 51.241 ng
RT: 16.60 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Tgt Ion:284 Resp: 308220
Ion Ratio Lower Upper
284 100
142 31.0 25.3 37.9
249 31.1 25.5 38.3



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





#69

Atrazine

Concen: 61.636 ng

RT: 16.75 min Scan# 2325

Delta R.T. -0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

Instrument :

BNA_G

ClientSampleId :

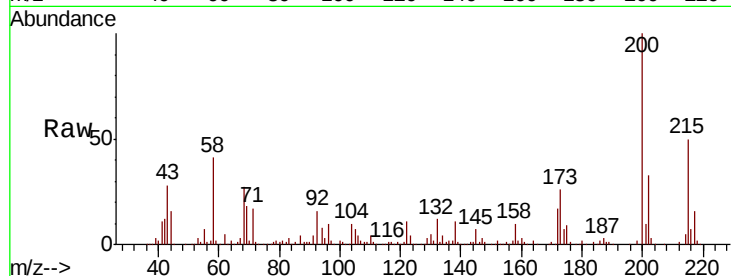
Tot Ion:200 Resp: 291758

Ion Ratio Lower Upper

200 100

173 26.3 6.6 46.6

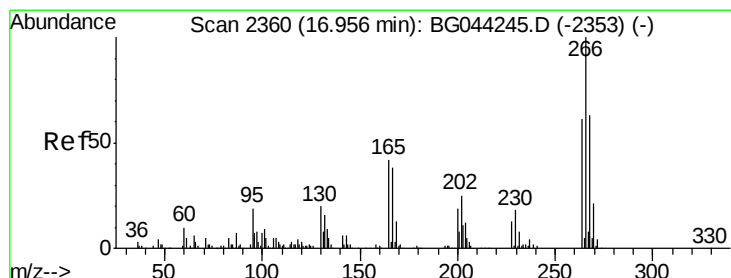
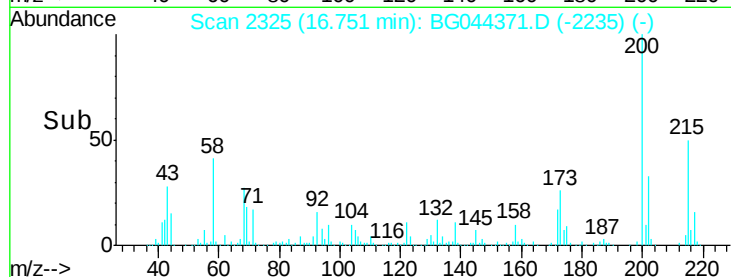
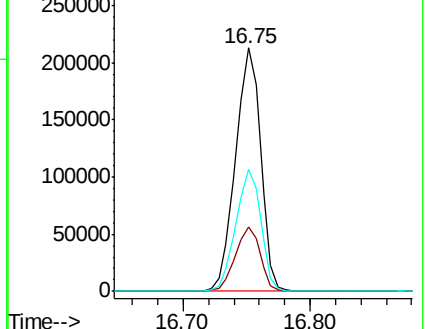
215 50.2 31.0 71.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 106.006 ng

RT: 16.95 min Scan# 2358

Delta R.T. -0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

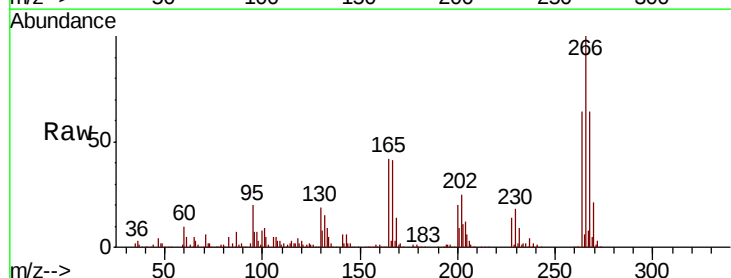
Tgt Ion:266 Resp: 325679

Ion Ratio Lower Upper

266 100

268 63.7 50.6 75.8

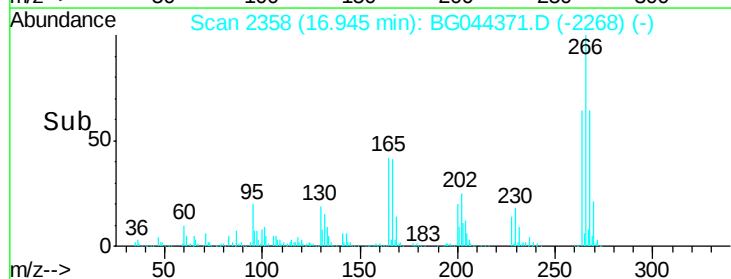
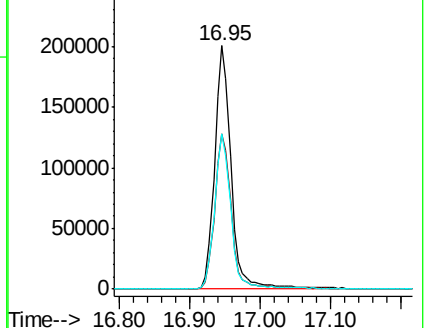
264 63.8 48.7 73.1

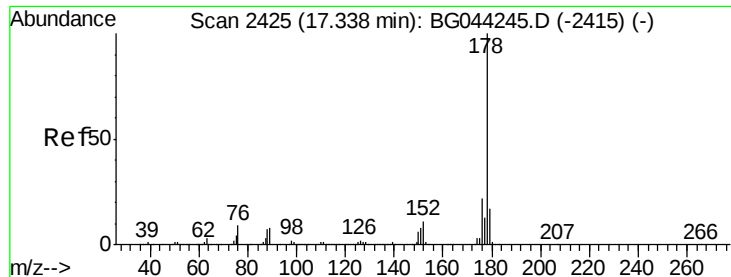


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

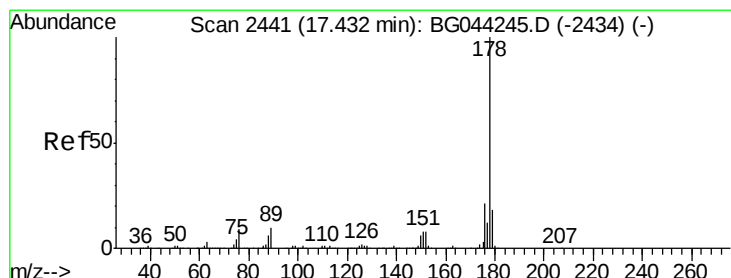
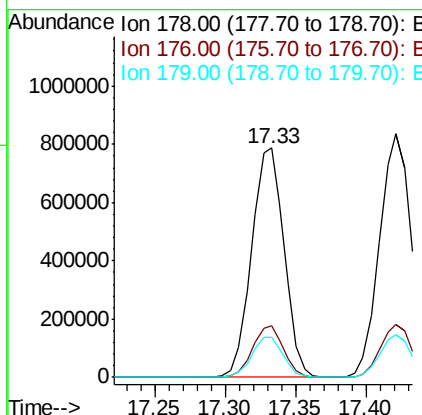
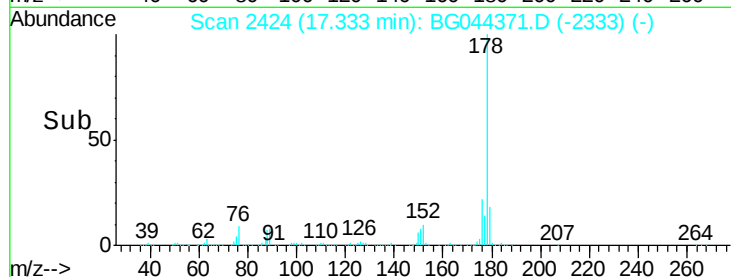
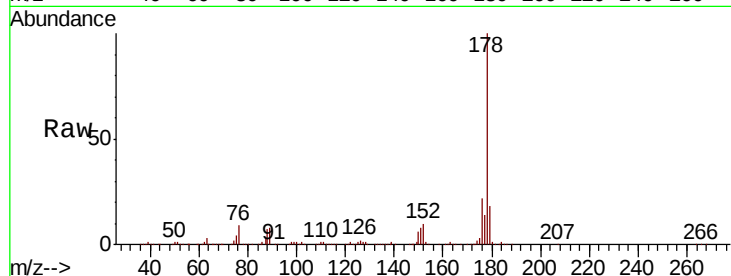




#71
Phenanthrene
Concen: 53.380 ng
RT: 17.33 min Scan# 2424
Delta R.T. 0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

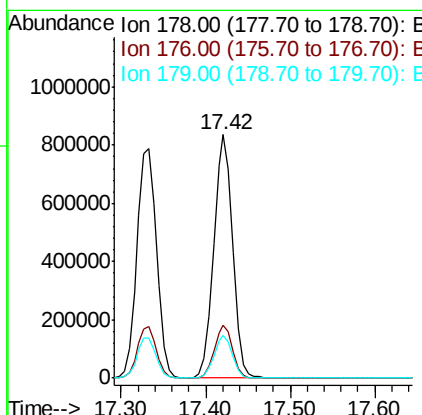
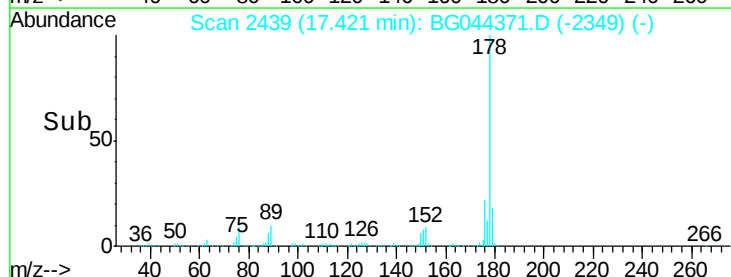
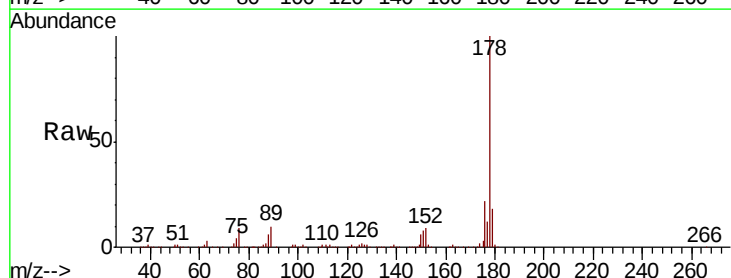
Instrument :
BNA_G
ClientSampled :

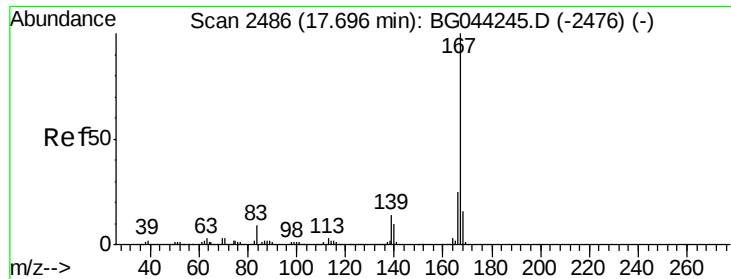
Tot Ion:178 Resp: 1273821
Ion Ratio Lower Upper
178 100
176 22.4 17.7 26.5
179 17.7 13.7 20.5



#72
Anthracene
Concen: 55.643 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Tgt Ion:178 Resp: 1312767
Ion Ratio Lower Upper
178 100
176 21.9 17.0 25.4
179 17.8 14.4 21.6



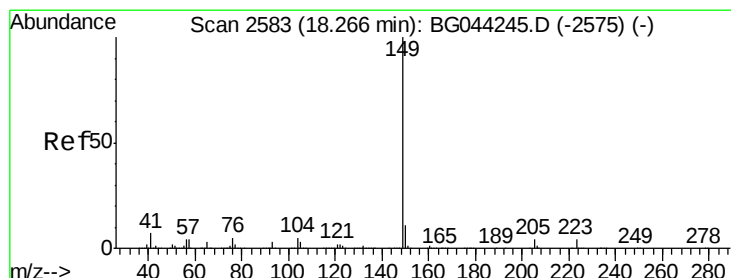
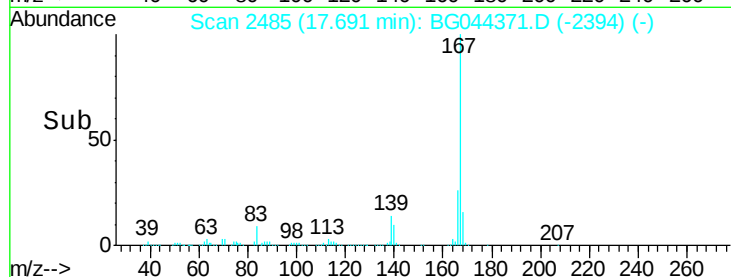
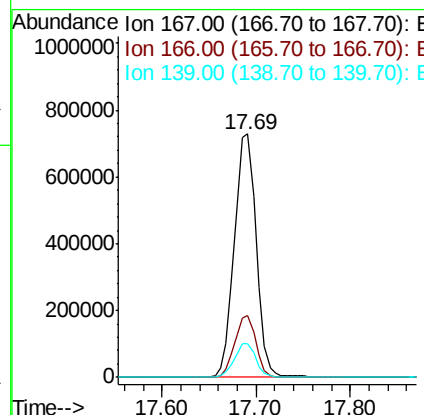
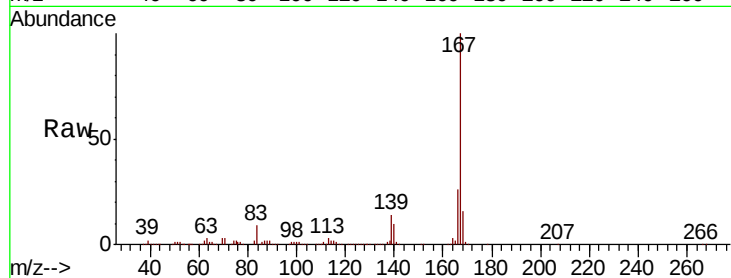


#73
 Carbazole
 Concen: 54.476 ng
 RT: 17.69 min Scan# 2485
 Delta R.T. 0.00 min
 Lab File: BG044371.D
 Acq: 11 Feb 2020 2:33

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:167 Resp: 1184836

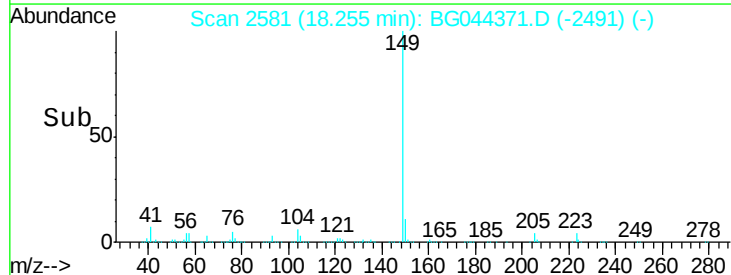
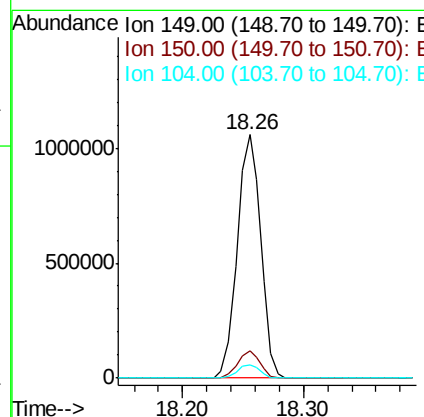
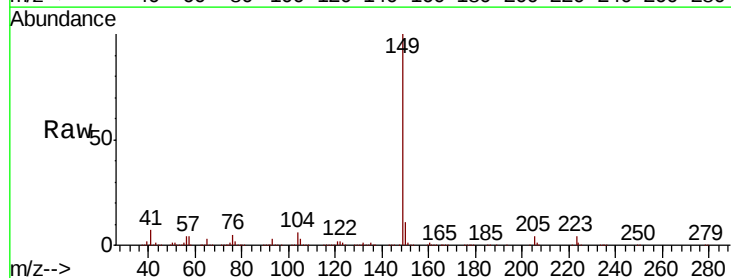
Ion	Ratio	Lower	Upper
167	100		
166	25.7	19.8	29.6
139	14.0	11.1	16.7

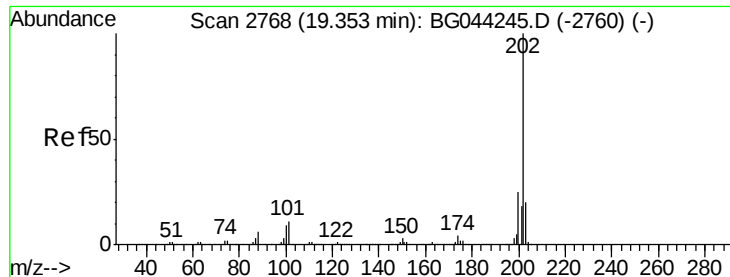


#74
 Di-n-butylphthalate
 Concen: 53.245 ng
 RT: 18.26 min Scan# 2581
 Delta R.T. -0.00 min
 Lab File: BG044371.D
 Acq: 11 Feb 2020 2:33

Tgt Ion:149 Resp: 1431088

Ion	Ratio	Lower	Upper
149	100		
150	11.3	8.7	13.1
104	5.6	4.3	6.5





#75

Fluoranthene

Concen: 54.053 ng

RT: 19.34 min Scan# 2766

Delta R.T. 0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

Instrument :

BNA_G

ClientSampled :

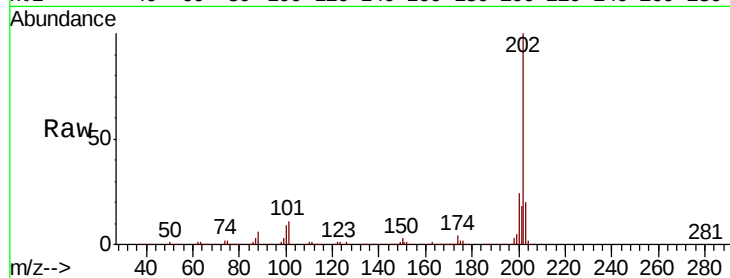
Tot Ion:202 Resp: 1492156

Ion Ratio Lower Upper

202 100

101 11.1 0.0 31.3

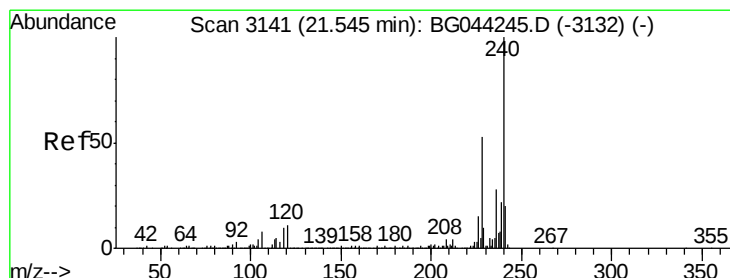
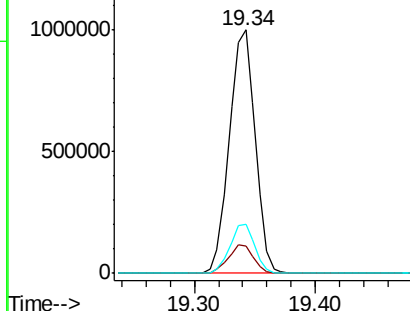
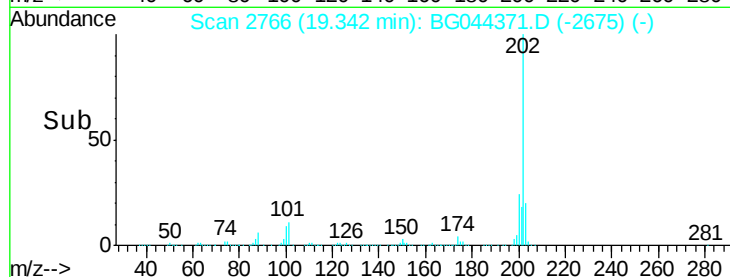
203 20.3 0.0 39.9



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: 21.53 min Scan# 3139

Delta R.T. -0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

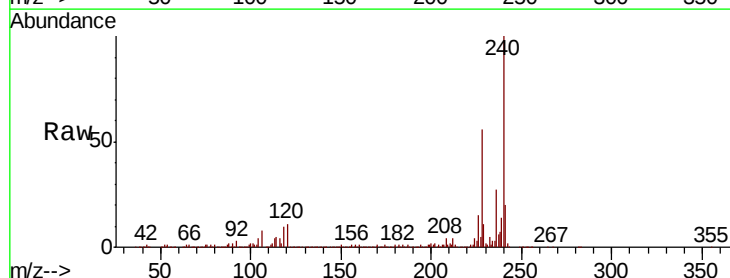
Tgt Ion:240 Resp: 457244

Ion Ratio Lower Upper

240 100

120 11.3 8.4 12.6

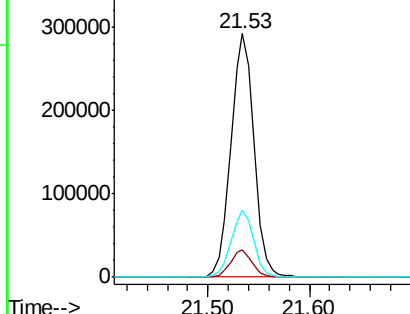
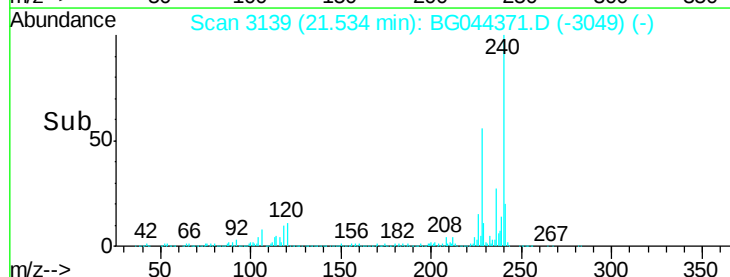
236 27.3 22.1 33.1



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: 65.157 ng

RT: 19.52 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

Instrument :

BNA_G

ClientSampleId :

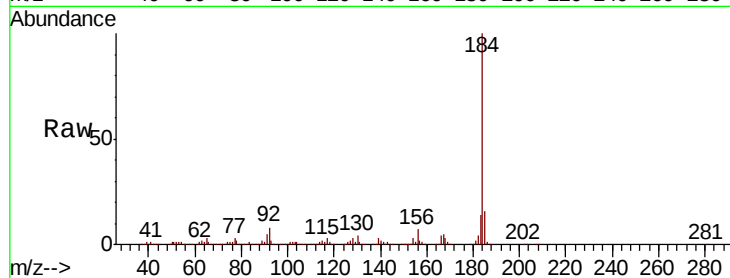
Tot Ion:184 Resp: 826373

Ion Ratio Lower Upper

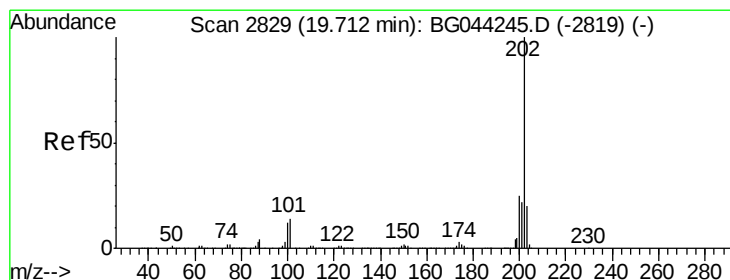
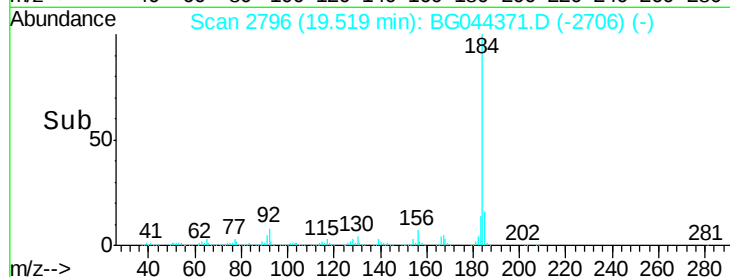
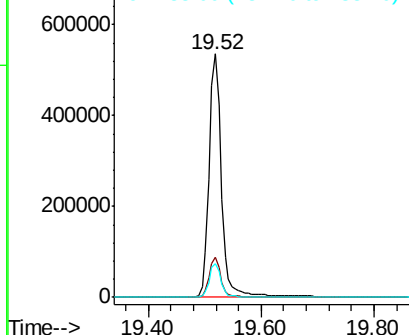
184 100

185 16.3 12.9 19.3

183 13.7 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: 50.553 ng

RT: 19.70 min Scan# 2827

Delta R.T. -0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

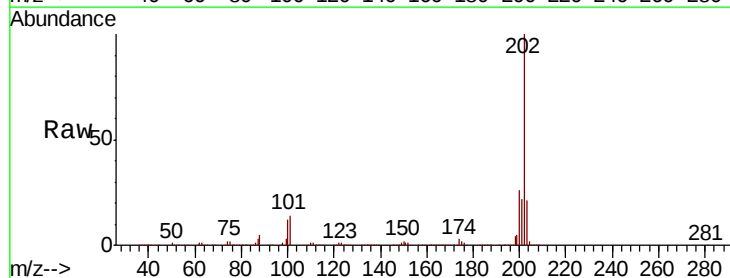
Tgt Ion:202 Resp: 1484467

Ion Ratio Lower Upper

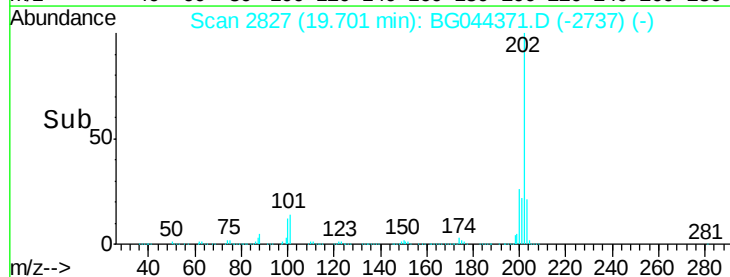
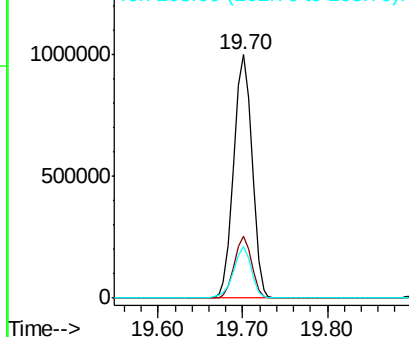
202 100

200 25.7 20.0 30.0

203 21.0 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

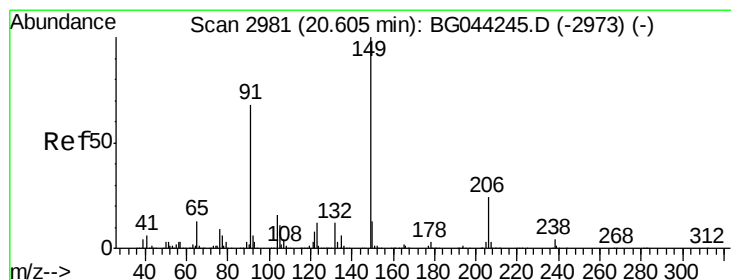
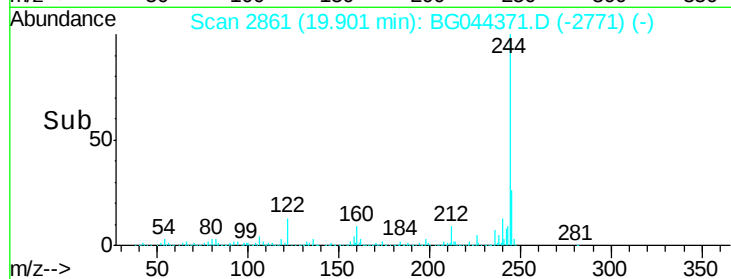
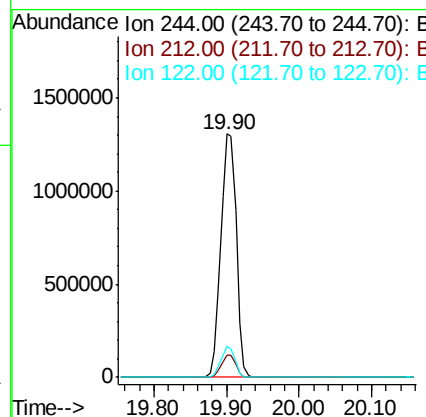
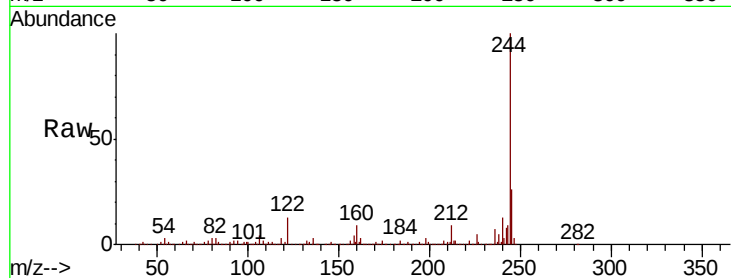




#79
 Terphenyl-d14
 Concen: 87.147 ng
 RT: 19.90 min Scan# 2861
 Delta R.T. -0.00 min
 Lab File: BG044371.D
 Acq: 11 Feb 2020 2:33

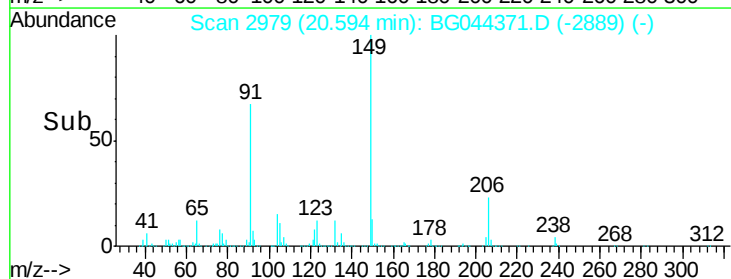
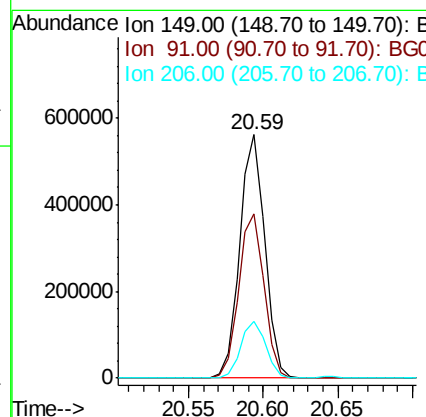
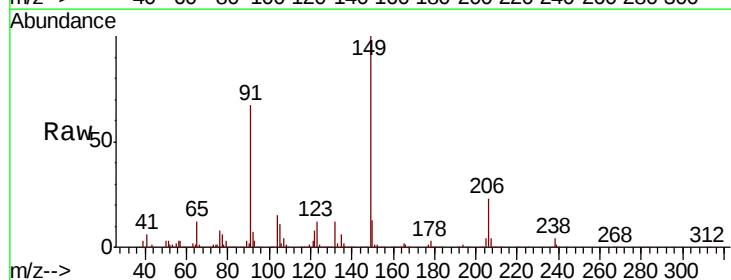
Instrument :
 BNA_G
 ClientSampleId :

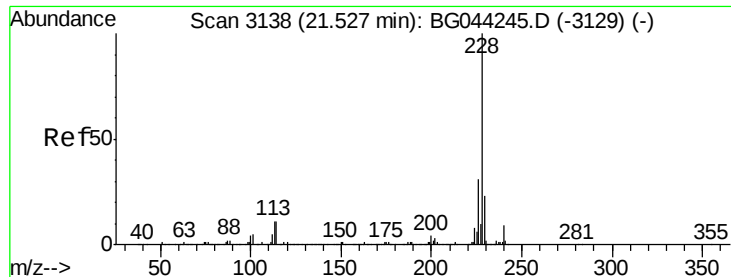
Tot Ion:244 Resp: 1937291
 Ion Ratio Lower Upper
 244 100
 212 9.3 7.4 11.2
 122 12.8 9.8 14.6



#80
 Butylbenzylphthalate
 Concen: 49.275 ng
 RT: 20.59 min Scan# 2979
 Delta R.T. -0.00 min
 Lab File: BG044371.D
 Acq: 11 Feb 2020 2:33

Tgt Ion:149 Resp: 659379
 Ion Ratio Lower Upper
 149 100
 91 67.4 54.5 81.7
 206 23.4 19.1 28.7





#81

Benzo(a)anthracene

Concen: 50.565 ng

RT: 21.52 min Scan# 3136

Delta R.T. 0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

Instrument :

BNA_G

ClientSampleId :

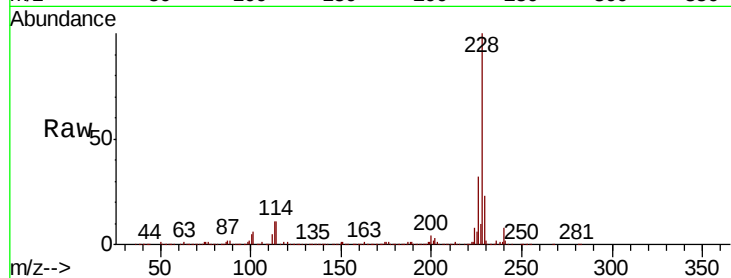
Tot Ion:228 Resp: 1424931

Ion Ratio Lower Upper

228 100

226 31.6 24.7 37.1

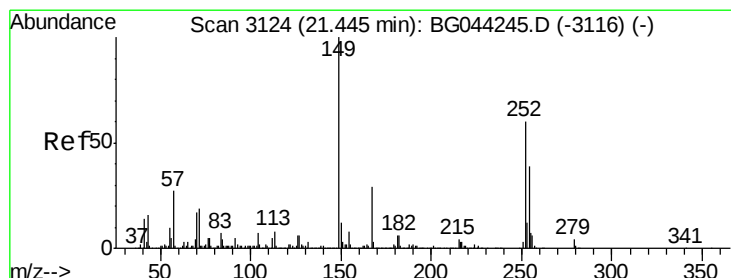
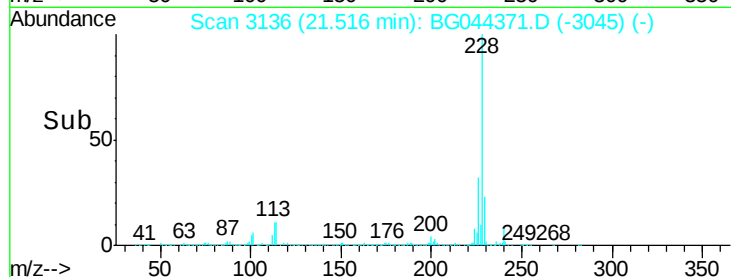
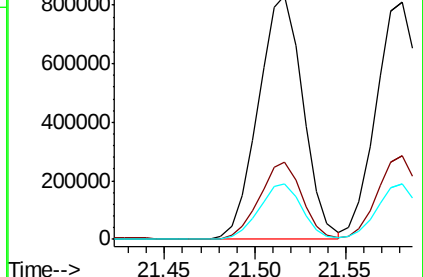
229 22.9 18.2 27.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.055 ng

RT: 21.43 min Scan# 3122

Delta R.T. -0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

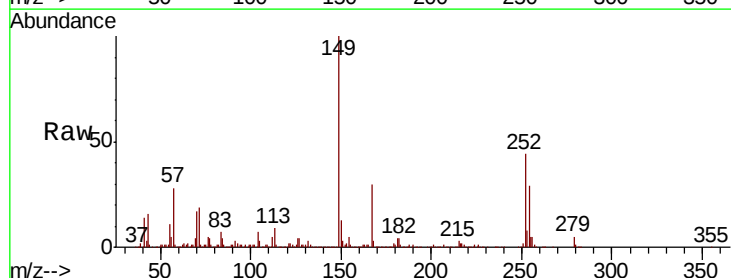
Tgt Ion:252 Resp: 459963

Ion Ratio Lower Upper

252 100

254 66.0 52.6 78.8

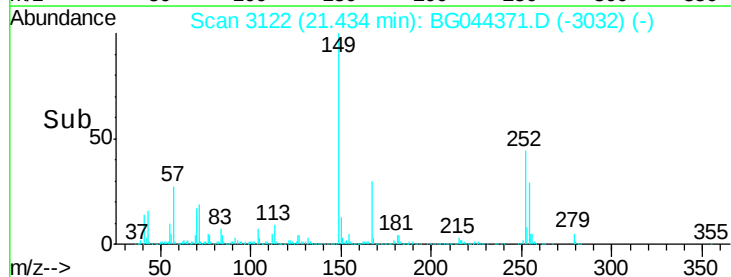
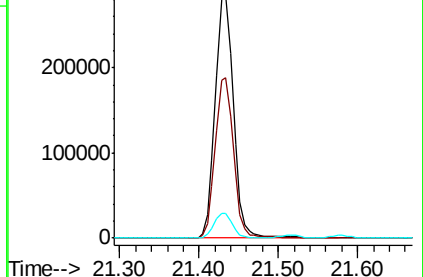
126 10.0 8.2 12.4

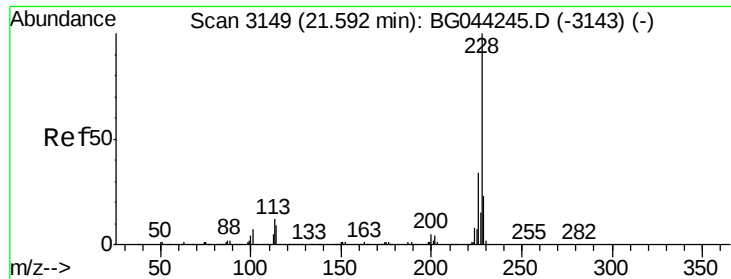


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 50.303 ng

RT: 21.58 min Scan# 3147

Delta R.T. 0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

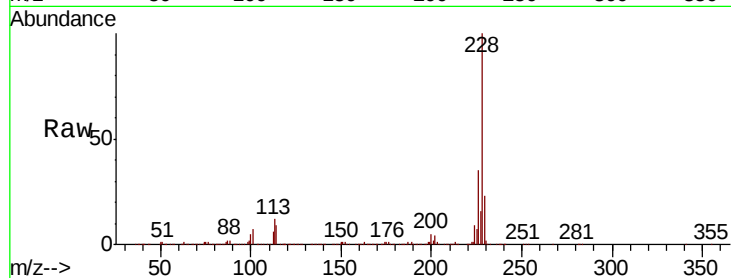
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1370208

Ion	Ratio	Lower	Upper
228	100		
226	35.0	27.1	40.7
229	23.3	17.9	26.9

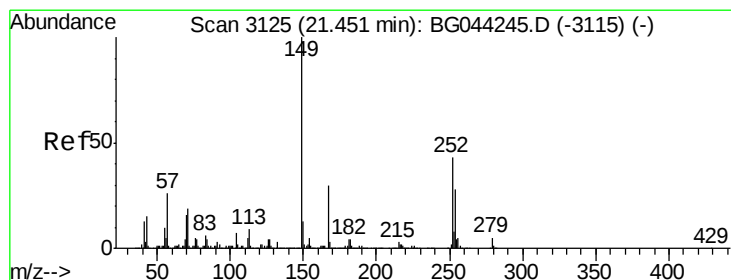
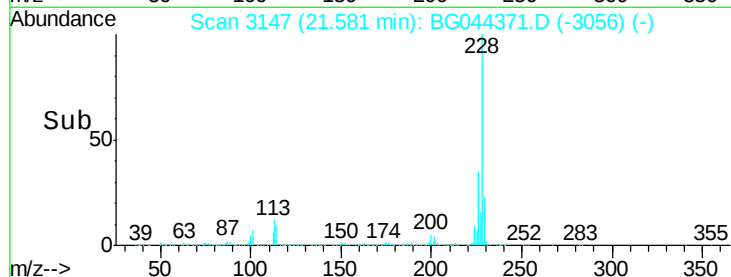
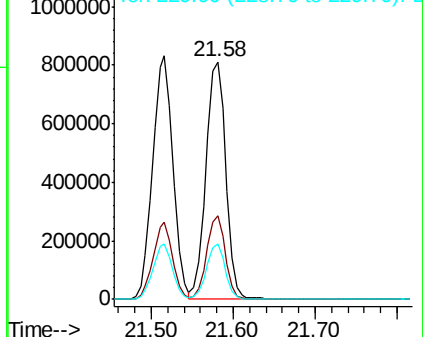


Abundance

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: 48.942 ng

RT: 21.43 min Scan# 3122

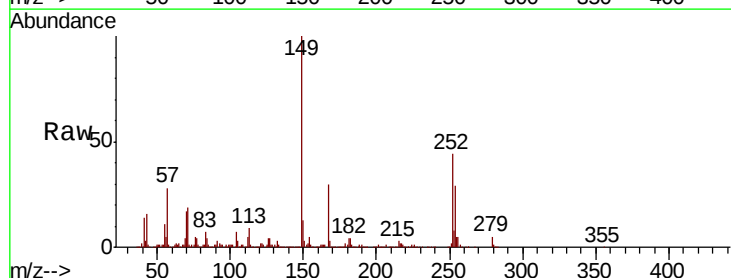
Delta R.T. -0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

Tgt Ion:149 Resp: 901451

Ion	Ratio	Lower	Upper
149	100		
167	30.3	24.0	36.0
279	4.8	3.8	5.8

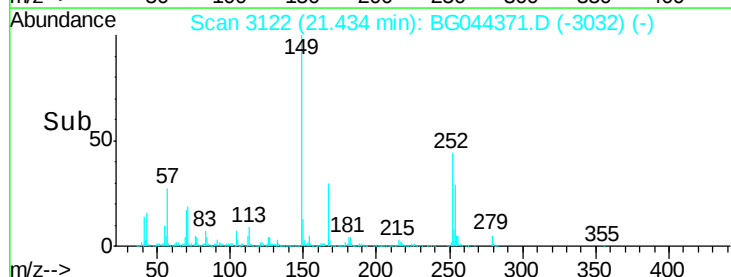
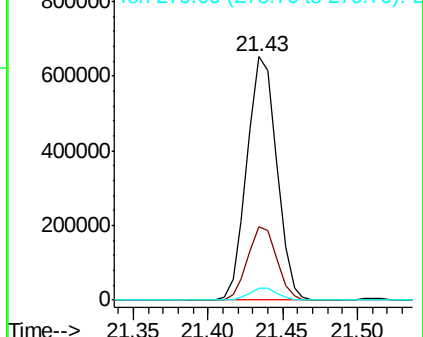


Abundance

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: 50.116 ng

RT: 22.60 min Scan# 3321

Delta R.T. -0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

Instrument :

BNA_G

ClientSampled :

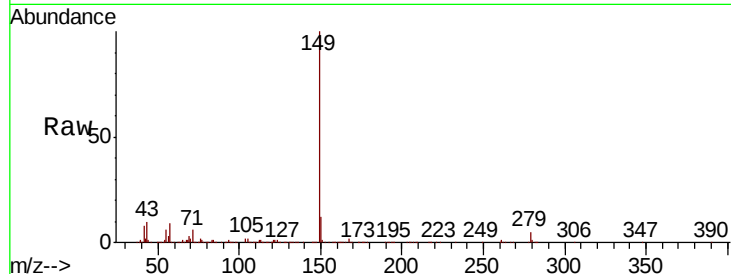
Tot Ion:149 Resp: 1597121

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

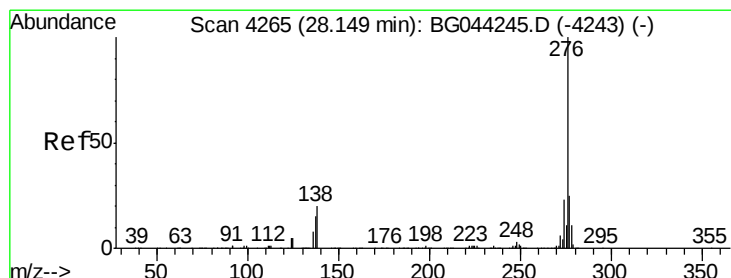
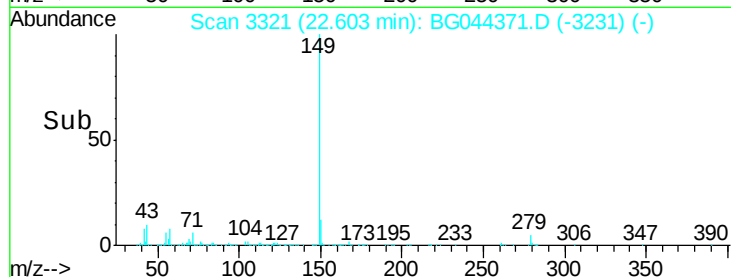
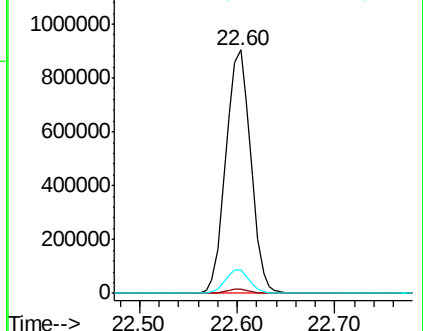
43 9.3 7.4 11.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 51.127 ng

RT: 28.12 min Scan# 4260

Delta R.T. 0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

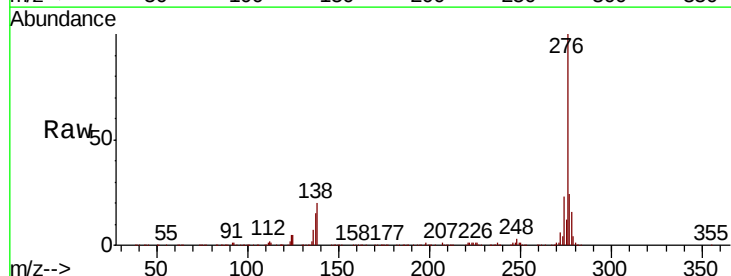
Tgt Ion:276 Resp: 1816901

Ion Ratio Lower Upper

276 100

138 23.8 19.4 29.0

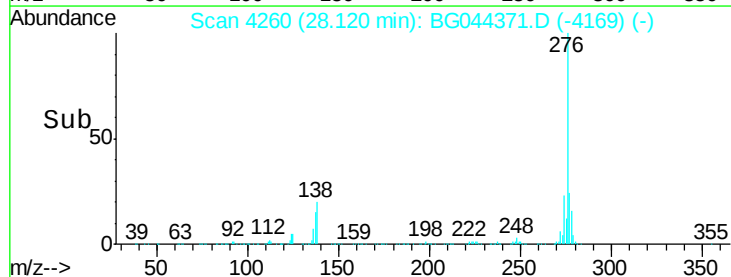
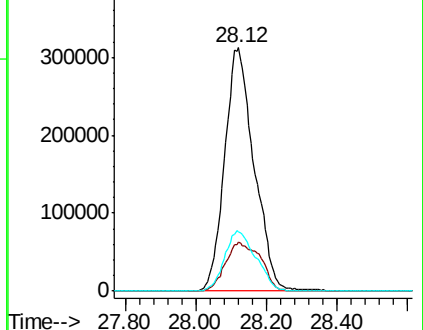
277 26.3 21.0 31.6

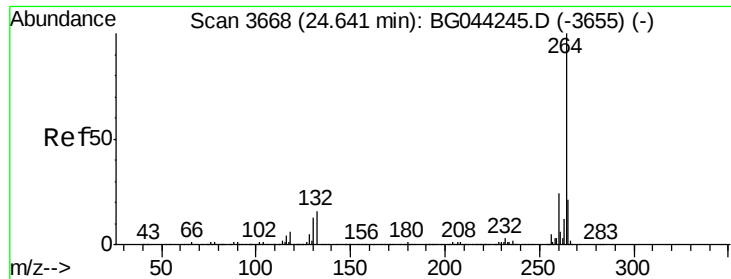


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.62 min Scan# 3664

Delta R.T. -0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

Instrument :

BNA_G

ClientSampleId :

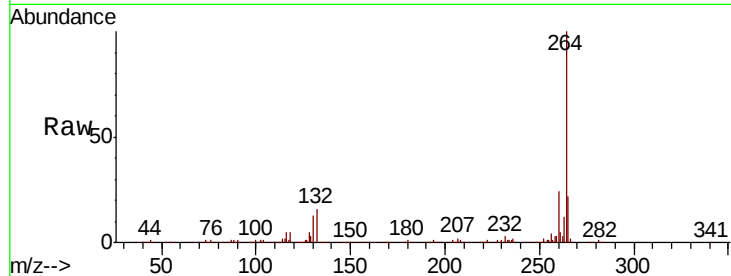
Tot Ion:264 Resp: 491190

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

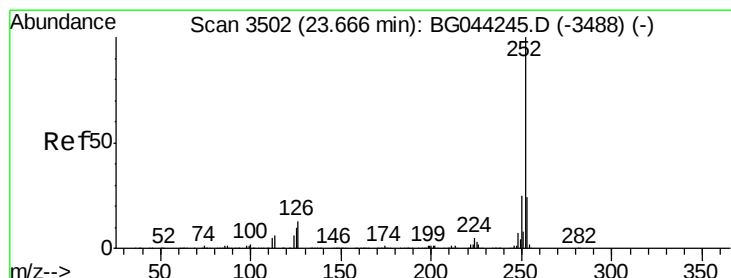
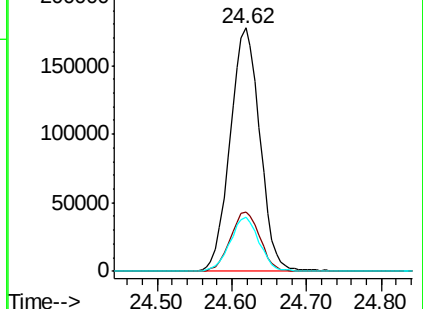
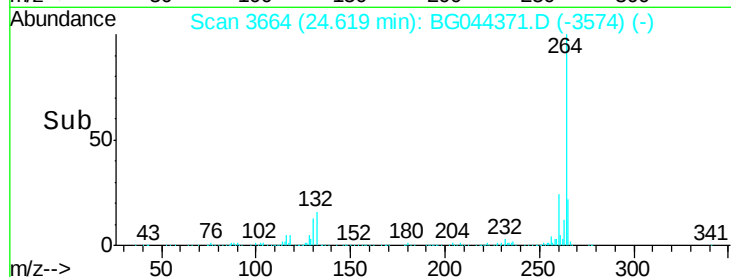
265 22.5 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 54.511 ng

RT: 23.64 min Scan# 3498

Delta R.T. -0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

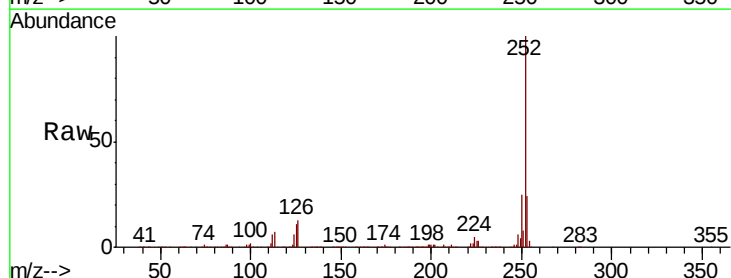
Tgt Ion:252 Resp: 1542887

Ion Ratio Lower Upper

252 100

253 24.0 19.2 28.8

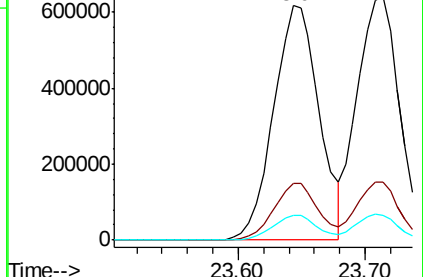
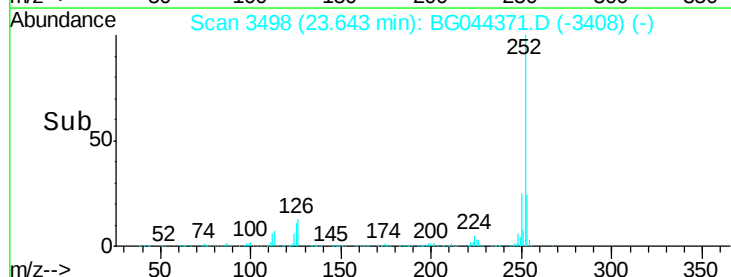
125 10.6 8.4 12.6

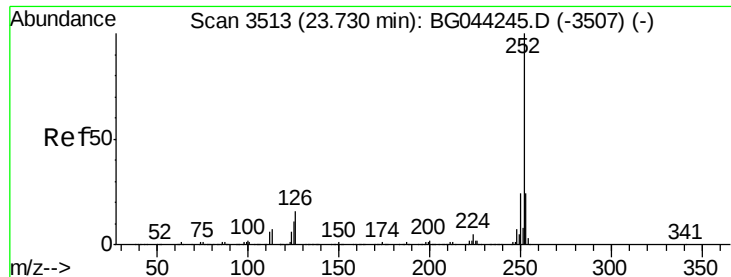


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

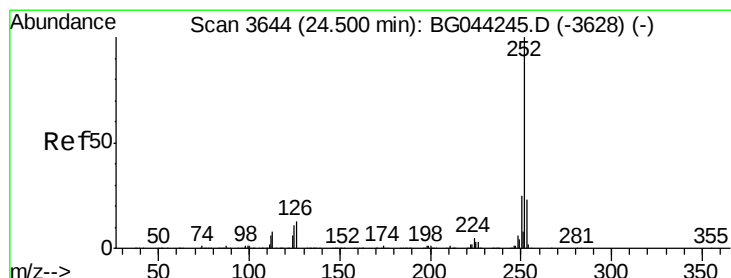
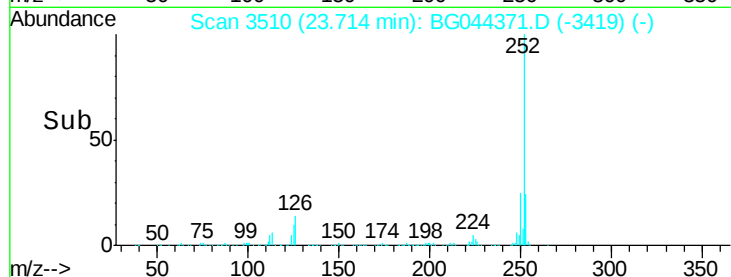
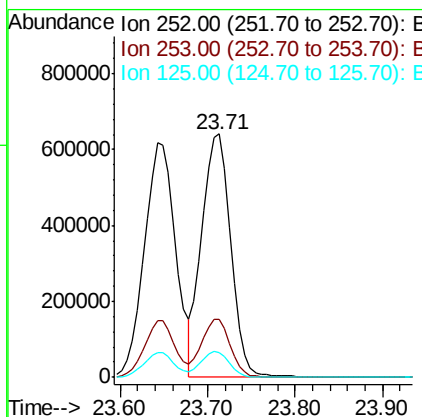
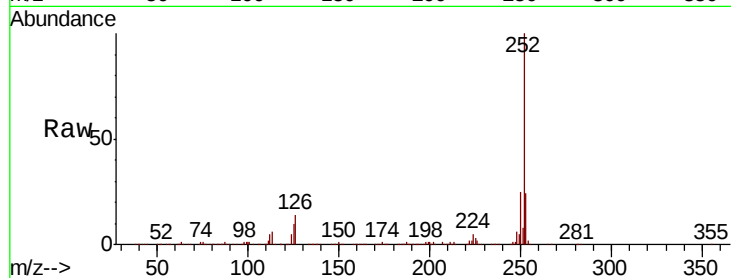




#89
Benzo(k)fluoranthene
Concen: 53.880 ng
RT: 23.71 min Scan# 3510
Delta R.T. 0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

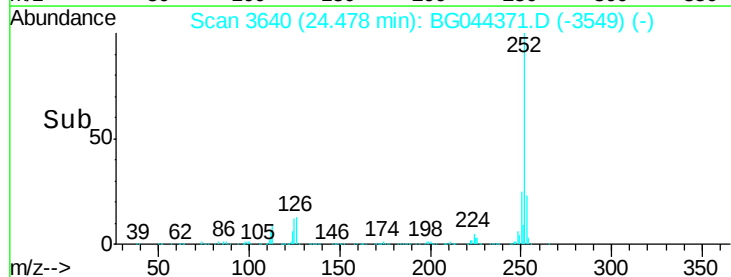
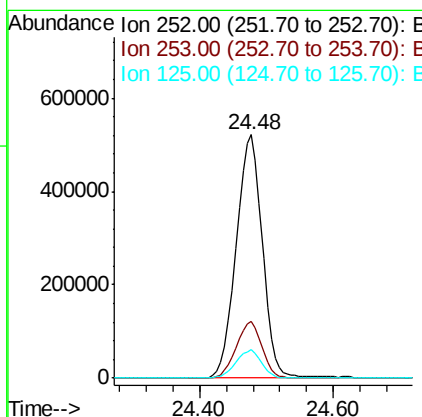
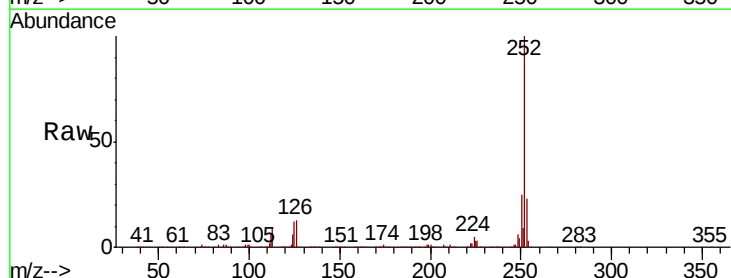
Instrument :
BNA_G
ClientSampleId :

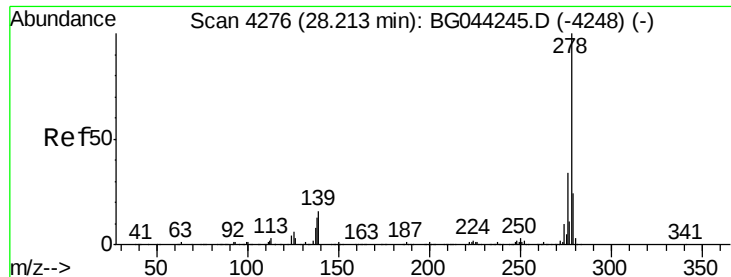
Tot Ion:252 Resp: 1486339
Ion Ratio Lower Upper
252 100
253 23.8 19.1 28.7
125 10.3 8.6 12.8



#90
Benzo(a)pyrene
Concen: 52.762 ng
RT: 24.48 min Scan# 3640
Delta R.T. 0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Tgt Ion:252 Resp: 1411975
Ion Ratio Lower Upper
252 100
253 23.5 18.1 27.1
125 11.5 8.6 13.0



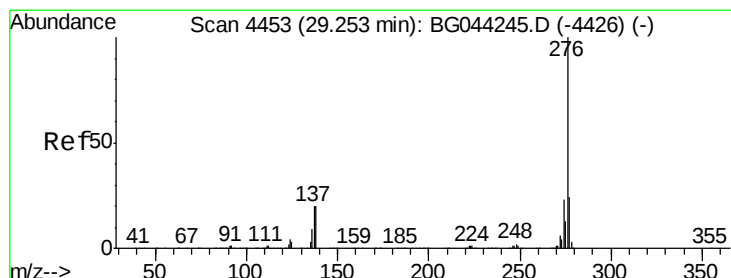
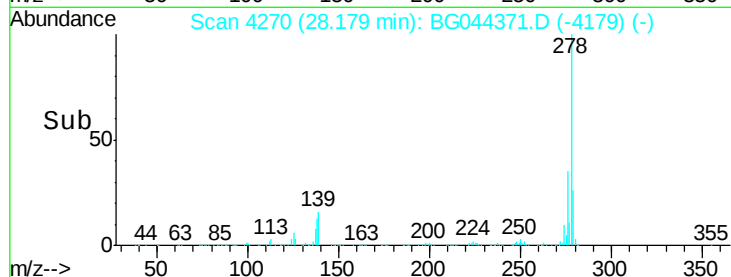
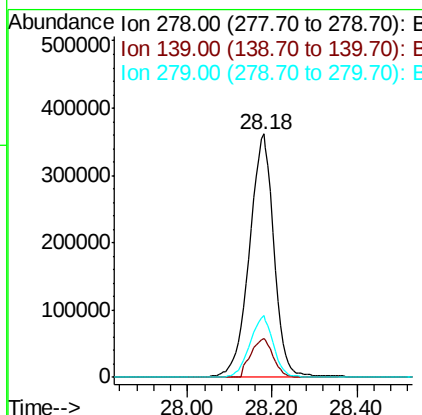
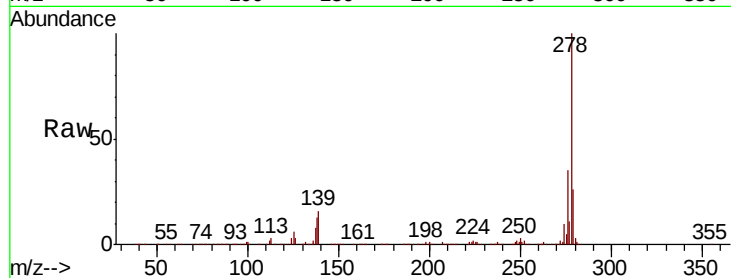


#91
Dibenzo(a,h)anthracene
Concen: 55.887 ng
RT: 28.18 min Scan# 4270
Delta R.T. 0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1480157

Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.7	19.1
279	25.6	19.3	28.9



#92
Benzo(g,h,i)perylene
Concen: 57.258 ng
RT: 29.21 min Scan# 4446
Delta R.T. 0.01 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Tgt Ion:276 Resp: 1518074

Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.8	28.2
138	20.7	16.2	24.2

