

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021320\
 Data File : BG044426.D
 Acq On : 13 Feb 2020 20:38
 Operator : CG/JU
 Sample : L1510-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 14 02:56:45 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	72682	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	325041	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	223799	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	485660	20.00	ng	0.00
76) Chrysene-d12	21.53	240	451762	20.00	ng	0.00
87) Perylene-d12	24.62	264	480699	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	394959	95.90	ng	0.00
7) Phenol-d6	7.08	99	543185	98.22	ng	0.00
23) Nitrobenzene-d5	9.06	82	313507	54.45	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	213782	81.37	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	653987	48.93	ng	0.00
79) Terphenyl-d14	19.90	244	949871	43.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	76031	41.090	ng	98
3) Pyridine	3.76	79	191979	38.943	ng	97
4) n-Nitrosodimethylamine	3.67	42	99168	48.140	ng	98
6) Aniline	7.23	93	233732	34.049	ng	99
8) 2-Chlorophenol	7.47	128	265857	58.738	ng	99
9) Benzaldehyde	7.03	77	106633	33.855	ng	97
10) Phenol	7.10	94	332356	60.725	ng	99
11) bis(2-Chloroethyl)ether	7.32	93	232758	49.743	ng	96
12) 1,3-Dichlorobenzene	7.79	146	258109	47.762	ng	98
13) 1,4-Dichlorobenzene	7.94	146	259549	48.492	ng	99
14) 1,2-Dichlorobenzene	8.26	146	249199	49.258	ng	100
15) Benzyl Alcohol	8.14	79	219573	56.081	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.43	45	314040	49.587	ng	99
17) 2-Methylphenol	8.36	107	228043	58.398	ng	99
18) Hexachloroethane	8.98	117	96340	47.966	ng	93
19) n-Nitroso-di-n-propylamine	8.71	70	192233	52.157	ng	99
20) 3+4-Methylphenols	8.68	107	316902	58.886	ng	98
22) Acetophenone	8.73	105	355274	44.930	ng	# 99
24) Nitrobenzene	9.10	77	268184	47.714	ng	99
25) Isophorone	9.63	82	535848	49.934	ng	100
26) 2-Nitrophenol	9.81	139	151433	51.923	ng	99
27) 2,4-Dimethylphenol	9.88	122	261824	63.597	ng	98
28) bis(2-Chloroethoxy)methane	10.11	93	341497	47.704	ng	99
29) 2,4-Dichlorophenol	10.36	162	273595	54.960	ng	99
30) 1,2,4-Trichlorobenzene	10.57	180	261613	45.832	ng	100
31) Naphthalene	10.75	128	772657	48.995	ng	99
32) Benzoic acid	10.05	122	103506	41.072	ng	96
33) 4-Chloroaniline	10.86	127	123525	17.223	ng	98
34) Hexachlorobutadiene	11.05	225	153257	43.634	ng	99
35) Caprolactam	11.64	113	62406	34.222	ng	95
36) 4-Chloro-3-methylphenol	12.00	107	293991	56.328	ng	99
37) 2-Methylnaphthalene	12.36	142	588991	50.303	ng	100
38) 1-Methylnaphthalene	12.59	142	563259	51.025	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	293918	43.904	ng	99

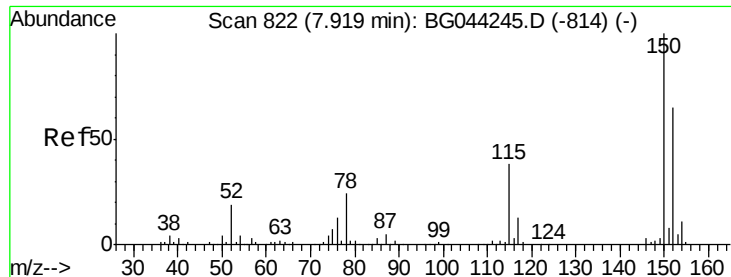
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021320\
 Data File : BG044426.D
 Acq On : 13 Feb 2020 20:38
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.72	237	344875	107.362	nq	99
43) 2,4,6-Trichlorophenol	12.98	196	221051	51.084	nq	99
44) 2,4,5-Trichlorophenol	13.06	196	241464	54.632	nq	99
46) 1,1'-Biphenyl	13.37	154	767464	47.542	nq	99
47) 2-Chloronaphthalene	13.41	162	595150	46.331	nq	100
48) 2-Nitroaniline	13.62	65	181257	47.812	nq	97
49) Acenaphthylene	14.27	152	948779	50.357	nq	100
50) Dimethylphthalate	14.00	163	816513	50.755	nq	100
51) 2,6-Dinitrotoluene	14.11	165	179383	50.010	nq	99
52) Acenaphthene	14.61	154	587940	48.143	nq	100
53) 3-Nitroaniline	14.44	138	91854	23.146	nq	97
54) 2,4-Dinitrophenol	14.65	184	183670	85.805	nq	97
55) Dibenzofuran	14.94	168	910028	49.217	nq	99
56) 4-Nitrophenol	14.77	139	313265	107.767	nq	97
57) 2,4-Dinitrotoluene	14.91	165	248446	49.419	nq	97
58) Fluorene	15.59	166	723794	49.700	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.18	232	210601	52.753	nq	99
60) Diethylphthalate	15.37	149	789145	49.230	nq	99
61) 4-Chlorophenyl-phenylether	15.58	204	386326	48.925	nq	98
62) 4-Nitroaniline	15.61	138	179034	45.149	nq	99
63) Azobenzene	15.88	77	701168	49.909	nq	99
65) 4,6-Dinitro-2-methylphenol	15.67	198	146643	54.700	nq	98
66) n-Nitrosodiphenylamine	15.80	169	688434	50.582	nq	99
67) 4-Bromophenyl-phenylether	16.48	248	257670	48.698	nq	97
68) Hexachlorobenzene	16.60	284	276416	46.630	nq	99
69) Atrazine	16.75	200	258246	55.359	nq	98
70) Pentachlorophenol	16.95	266	289042	95.777	nq	96
71) Phenanthrene	17.33	178	1149897	48.896	nq	99
72) Anthracene	17.42	178	1190117	51.186	nq	99
73) Carbazole	17.69	167	1053522	49.151	nq	99
74) Di-n-butylphthalate	18.26	149	1303564	49.214	nq	100
75) Fluoranthene	19.34	202	1335889	49.104	nq	99
77) Benzidine	19.52	184	445009	35.513	nq	98
78) Pyrene	19.70	202	1338731	46.144	nq	99
80) Butylbenzylphthalate	20.59	149	610376	46.166	nq	99
81) Benzo(a)anthracene	21.52	228	1295870	46.543	nq	100
82) 3,3'-Dichlorobenzidine	21.43	252	315904	29.234	nq	99
83) Chrysene	21.58	228	1238387	46.015	nq	100
84) Bis(2-ethylhexyl)phthalate	21.43	149	854420	46.952	nq	100
85) Di-n-octyl phthalate	22.60	149	1494116	47.453	nq	100
86) Indeno(1,2,3-cd)pyrene	28.12	276	1632893	46.506	nq	100
88) Benzo(b)fluoranthene	23.64	252	1392580	50.274	nq	100
89) Benzo(k)fluoranthene	23.71	252	1337833	49.555	nq	100
90) Benzo(a)pyrene	24.48	252	1283583	49.011	nq	98
91) Dibenzo(a,h)anthracene	28.18	278	1335238	51.516	nq	99
92) Benzo(g,h,i)perylene	29.21	276	1364539	52.590	nq	98

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

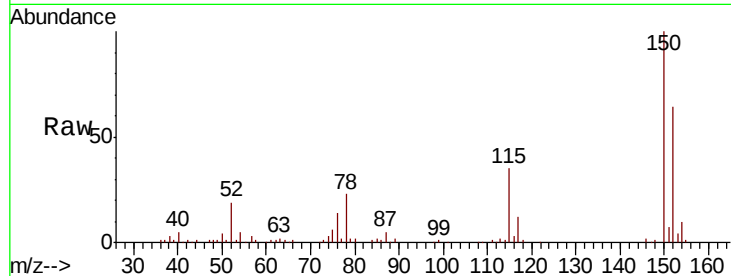


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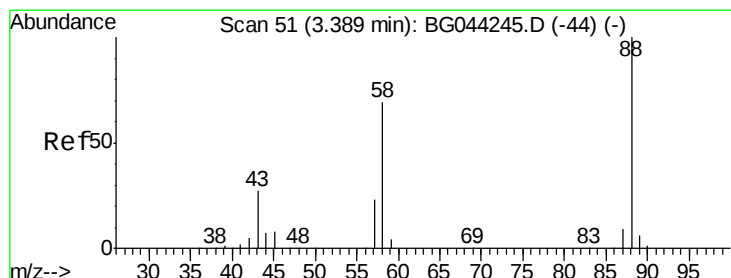
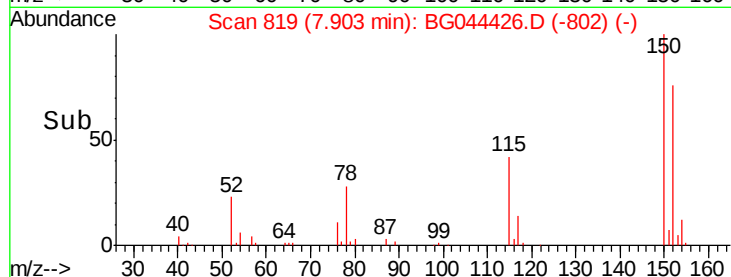
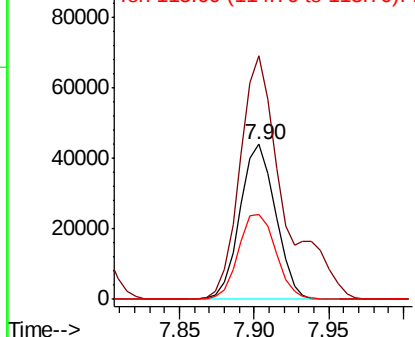
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG044426.D
Acq: 13 Feb 2020 20:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 72682
Ion Ratio Lower Upper
152 100
150 157.3 122.6 183.8
115 54.8 46.0 69.0



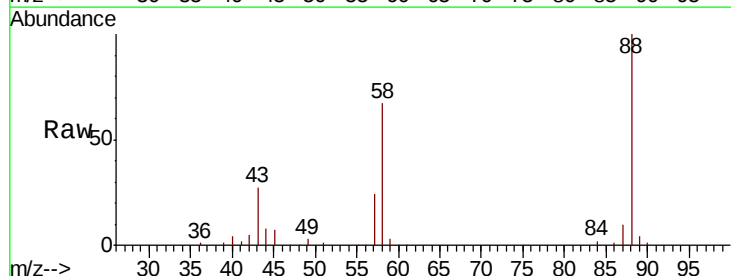
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



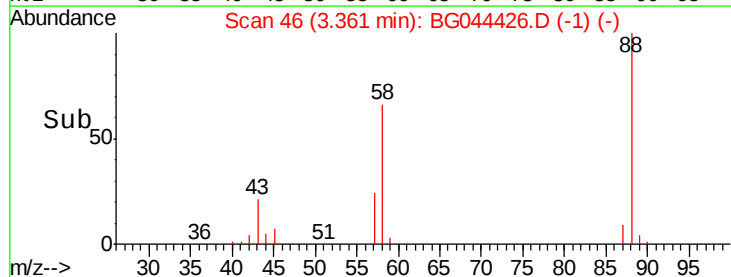
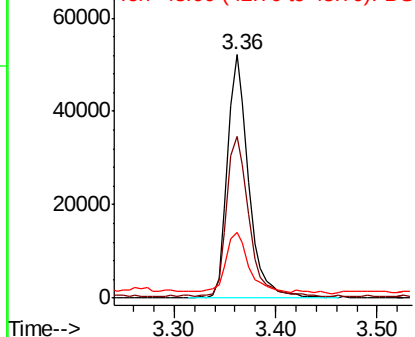
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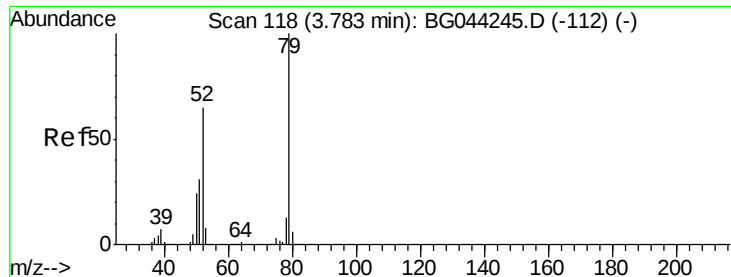
1,4-Dioxane
Concen: 41.090 ng
RT: 3.36 min Scan# 46
Delta R.T. -0.00 min
Lab File: BG044426.D
Acq: 13 Feb 2020 20:38

Tgt Ion: 88 Resp: 76031
Ion Ratio Lower Upper
88 100
58 68.5 55.8 83.6
43 25.7 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: 38.943 ng

RT: 3.76 min Scan# 113

Delta R.T. -0.01 min

Lab File: BG044426.D

Acq: 13 Feb 2020 20:38

Instrument :

BNA_G

ClientSampleId :

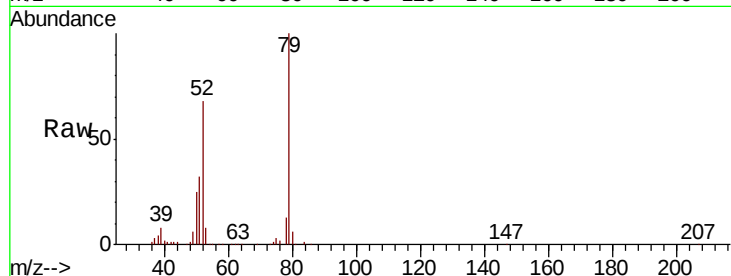
Tot Ion: 79 Resp: 191979

Ion Ratio Lower Upper

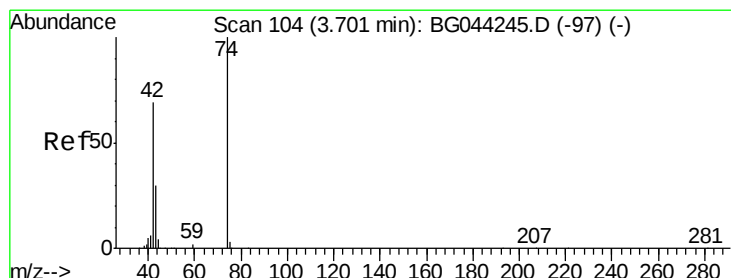
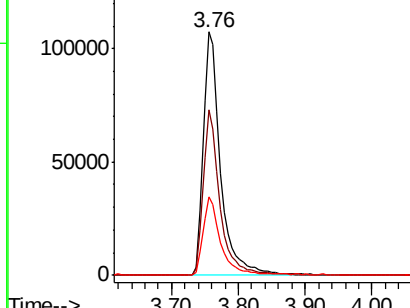
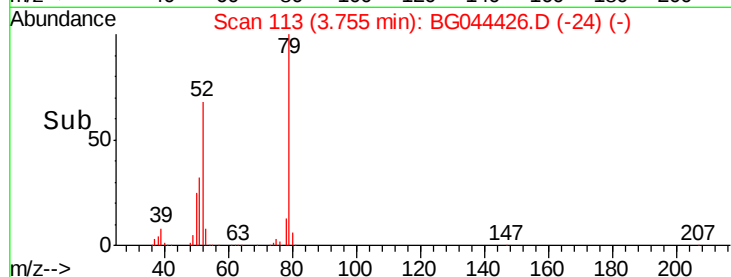
79 100

52 68.1 51.9 77.9

51 32.5 25.3 37.9



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



#4

n-Nitrosodimethylamine

Concen: 48.140 ng

RT: 3.67 min Scan# 99

Delta R.T. -0.00 min

Lab File: BG044426.D

Acq: 13 Feb 2020 20:38

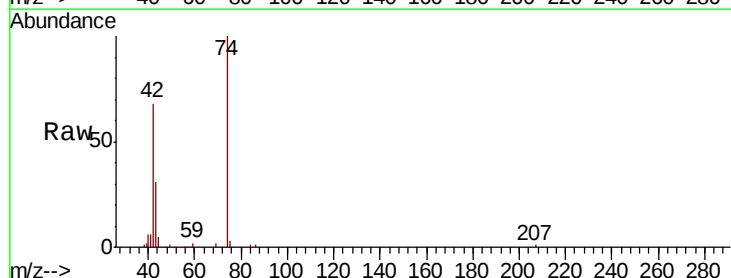
Tgt Ion: 42 Resp: 99168

Ion Ratio Lower Upper

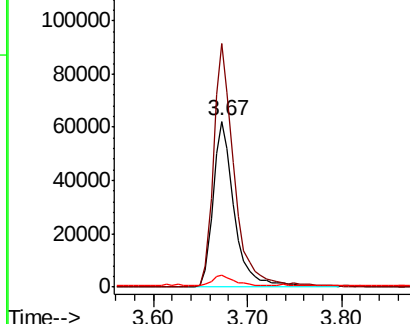
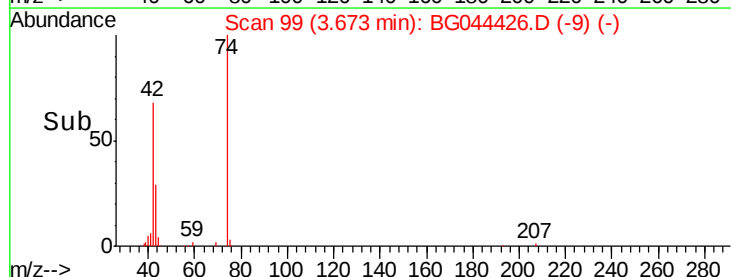
42 100

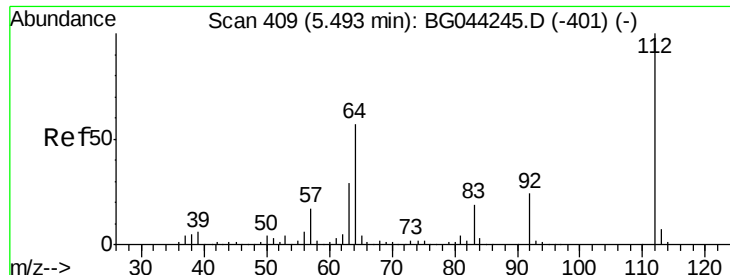
74 146.8 115.1 172.7

44 7.5 5.6 8.4



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





#5

2-Fluorophenol

Concen: 95.903 ng

RT: 5.48 min Scan# 407

Delta R.T. 0.00 min

Lab File: BG044426.D

Acq: 13 Feb 2020 20:38

Instrument :

BNA_G

ClientSampled :

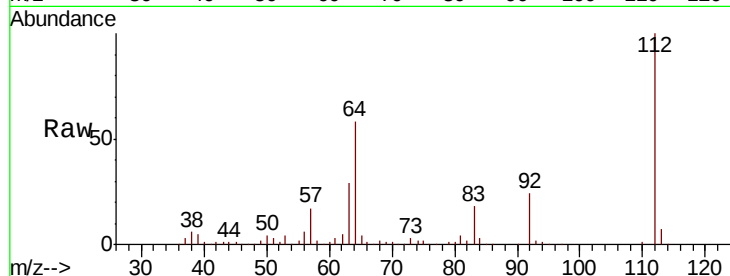
Tot Ion: 112 Resp: 394959

Ion Ratio Lower Upper

112 100

64 57.6 45.4 68.2

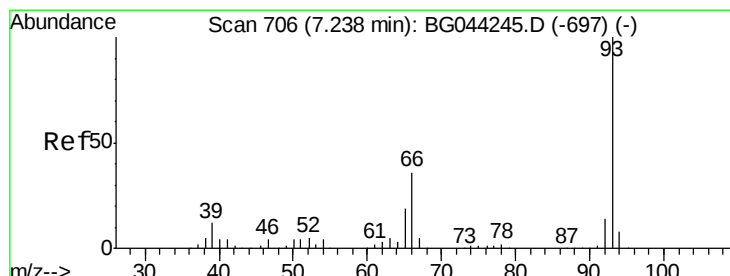
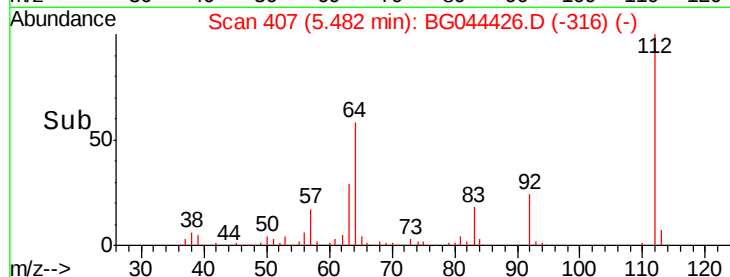
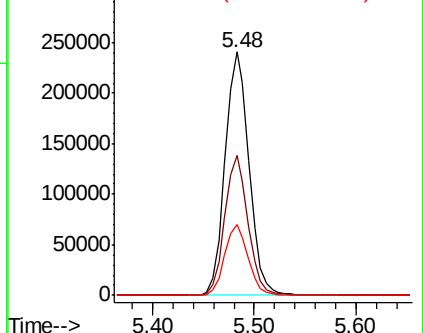
63 29.1 22.9 34.3



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: 34.049 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.00 min

Lab File: BG044426.D

Acq: 13 Feb 2020 20:38

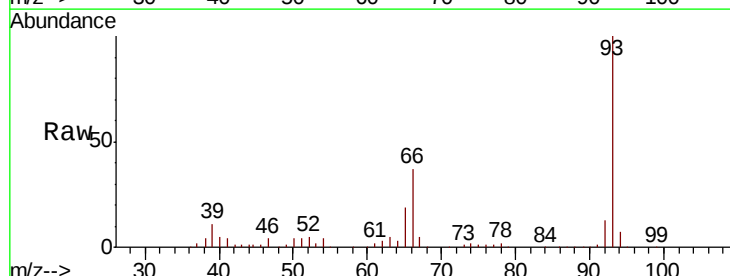
Tgt Ion: 93 Resp: 233732

Ion Ratio Lower Upper

93 100

66 36.6 28.7 43.1

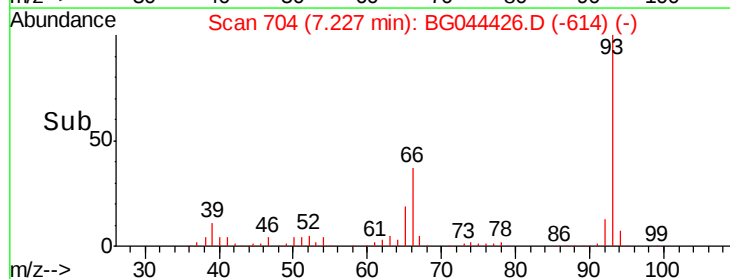
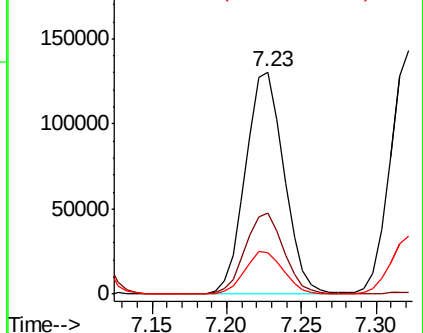
65 18.7 15.4 23.0

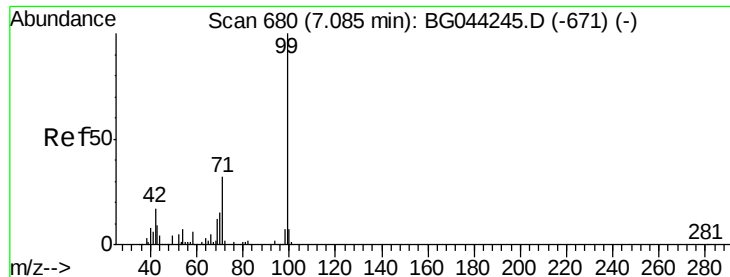


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 98.220 ng

RT: 7.08 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG044426.D

Acq: 13 Feb 2020 20:38

Instrument :

BNA_G

ClientSampleId :

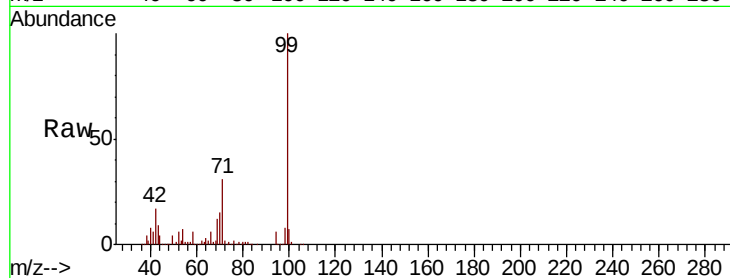
Tot Ion: 99 Resp: 543185

Ion Ratio Lower Upper

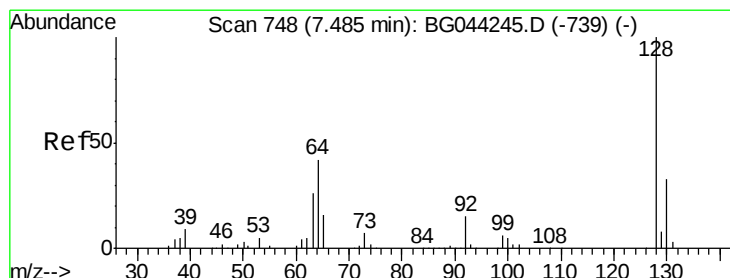
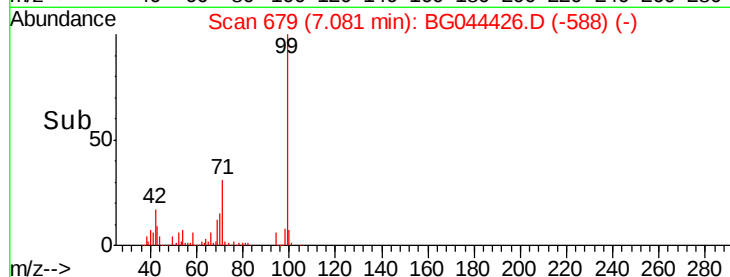
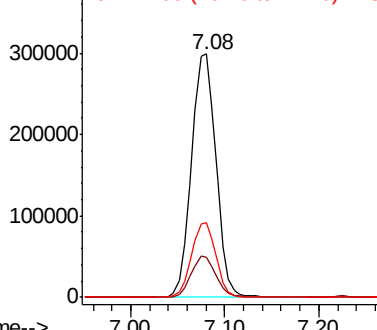
99 100

42 16.7 13.8 20.6

71 30.9 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: 58.738 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BG044426.D

Acq: 13 Feb 2020 20:38

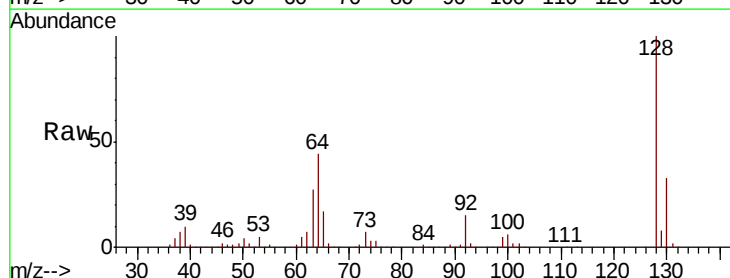
Tgt Ion: 128 Resp: 265857

Ion Ratio Lower Upper

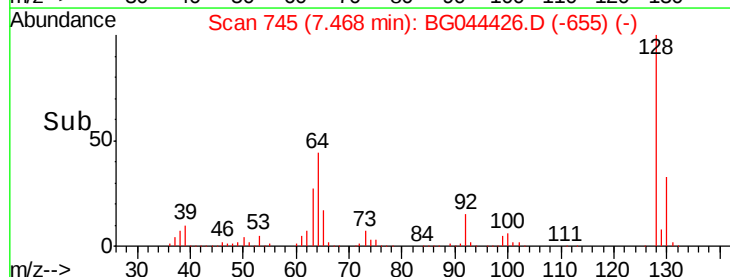
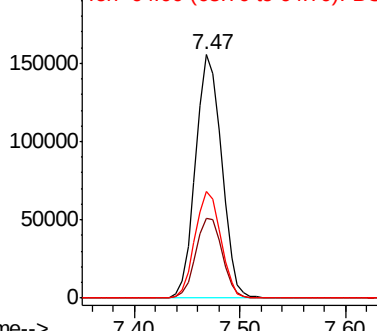
128 100

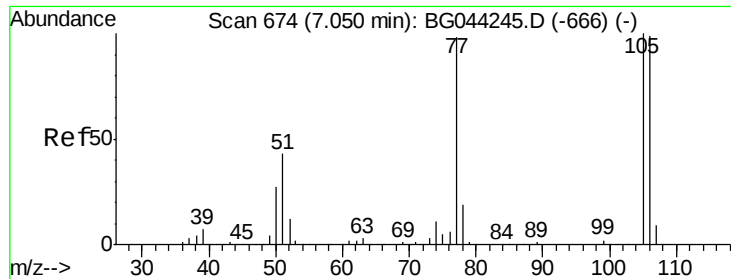
130 32.6 12.5 52.5

64 43.7 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: 33.855 ng

RT: 7.03 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG044426.D

Acq: 13 Feb 2020 20:38

Instrument :

BNA_G

ClientSampleId :

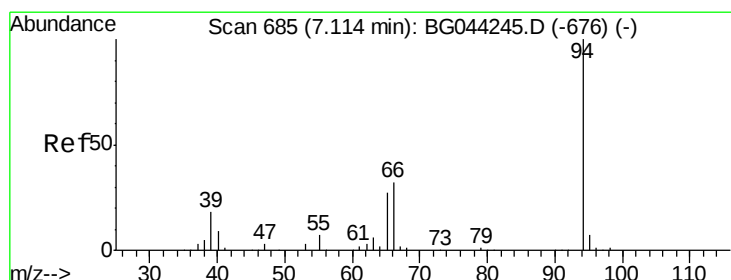
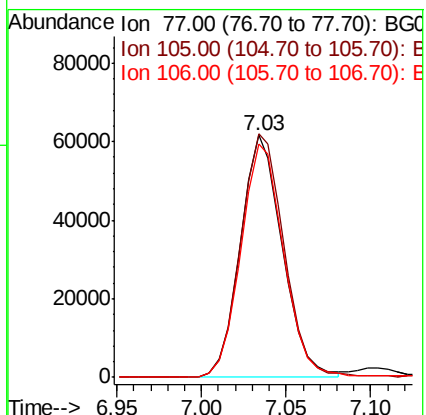
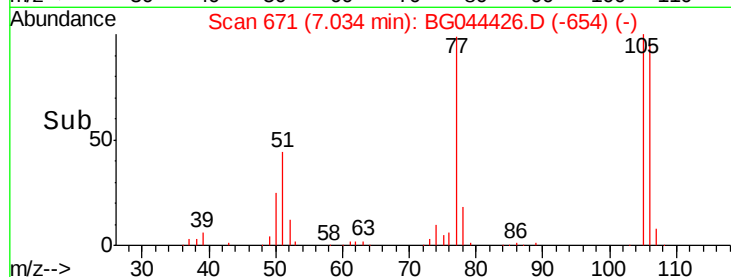
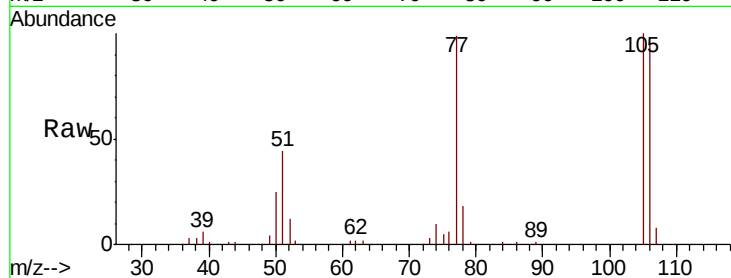
Tot Ion: 77 Resp: 106633

Ion Ratio Lower Upper

77 100

105 100.6 82.0 122.0

106 96.4 80.7 120.7



#10

Phenol

Concen: 60.725 ng

RT: 7.10 min Scan# 683

Delta R.T. 0.00 min

Lab File: BG044426.D

Acq: 13 Feb 2020 20:38

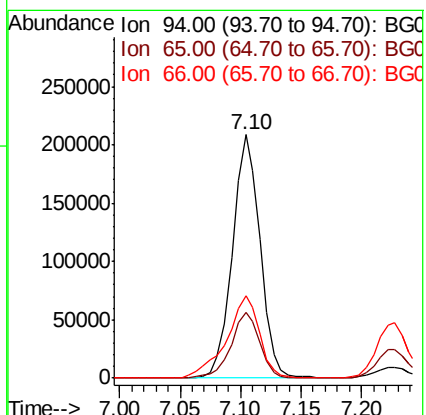
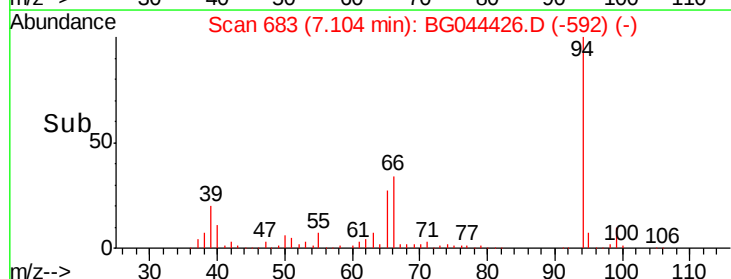
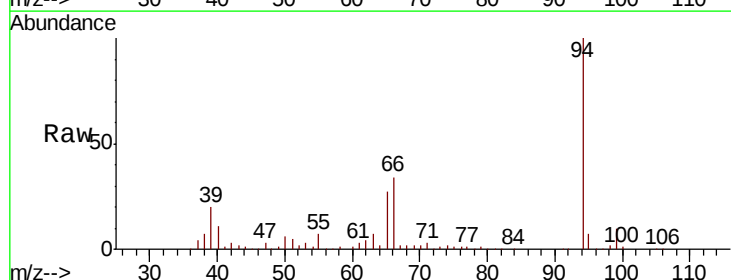
Tgt Ion: 94 Resp: 332356

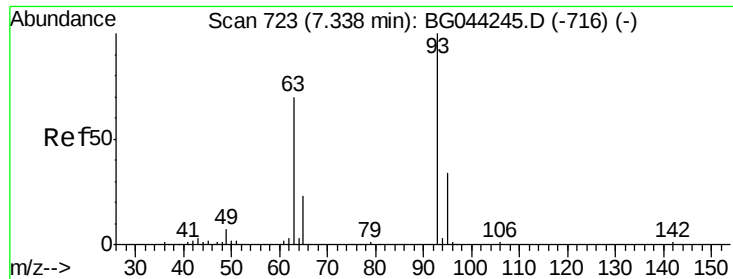
Ion Ratio Lower Upper

94 100

65 26.9 7.0 47.0

66 33.8 12.7 52.7





#11

bis(2-Chloroethyl)ether

Concen: 49.743 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG044426.D

Acq: 13 Feb 2020 20:38

Instrument :

BNA_G

ClientSampleId :

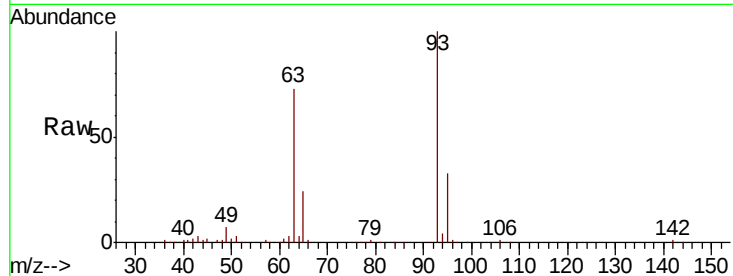
Tot Ion: 93 Resp: 232758

Ion Ratio Lower Upper

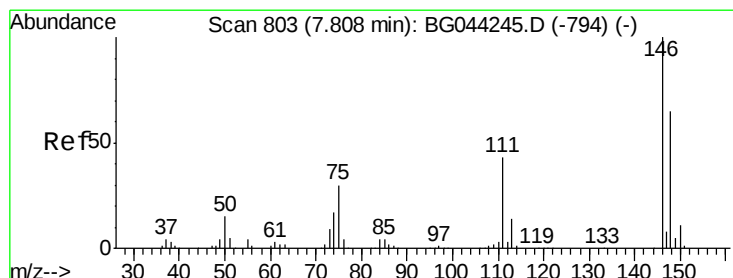
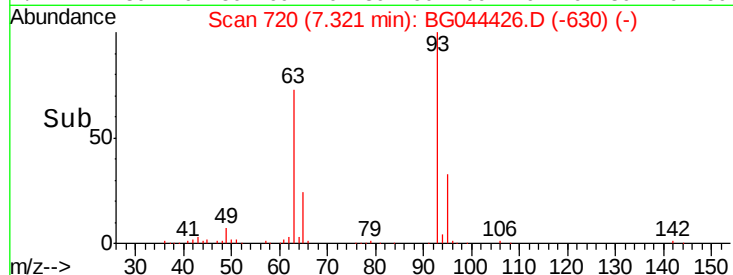
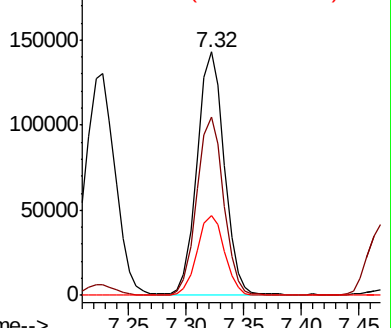
93 100

63 73.4 49.2 89.2

95 32.8 13.6 53.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 47.762 ng

RT: 7.79 min Scan# 800

Delta R.T. -0.00 min

Lab File: BG044426.D

Acq: 13 Feb 2020 20:38

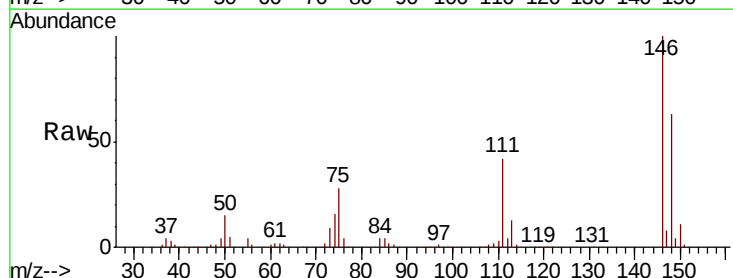
Tgt Ion: 146 Resp: 258109

Ion Ratio Lower Upper

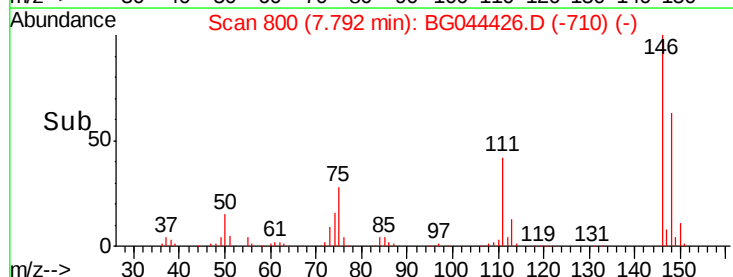
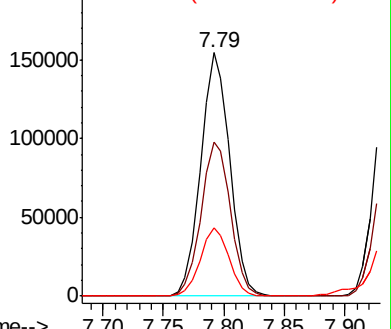
146 100

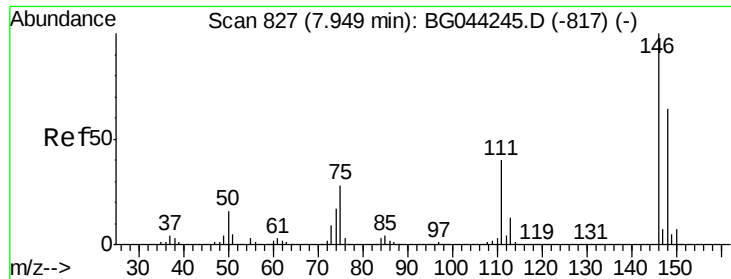
148 63.3 51.8 77.8

75 28.0 23.7 35.5



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

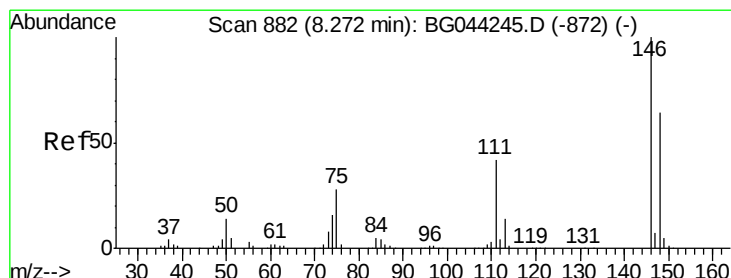
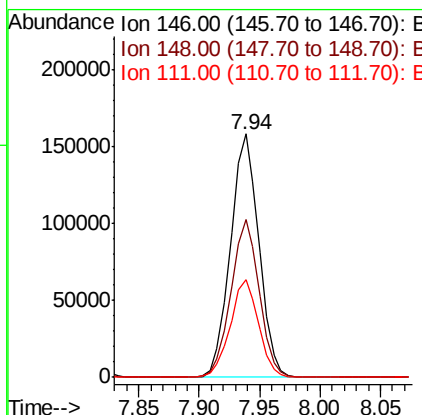
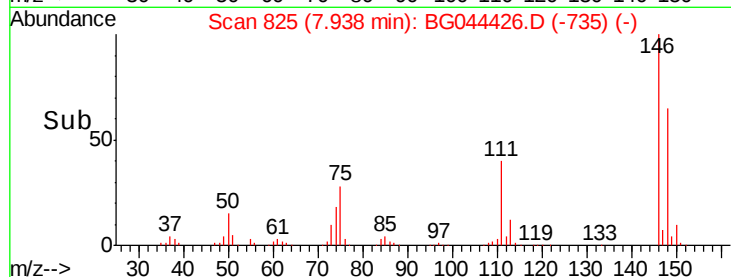
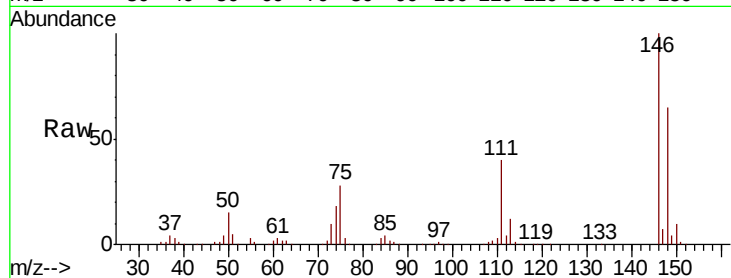




#13
 1,4-Dichlorobenzene
 Concen: 48.492 ng
 RT: 7.94 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BG044426.D
 Acq: 13 Feb 2020 20:38

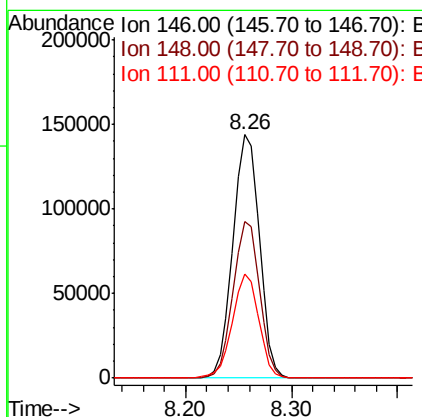
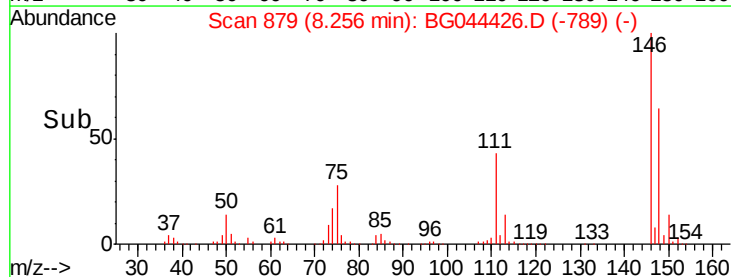
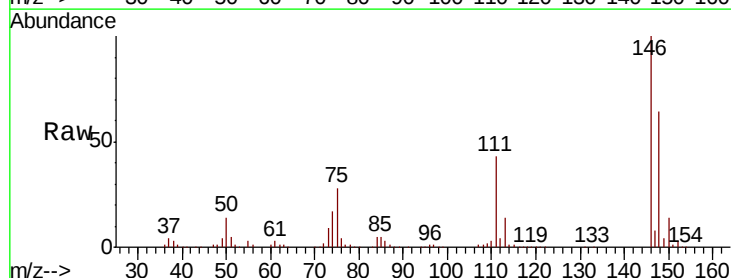
Instrument :
 BNA_G
 ClientSampleId :

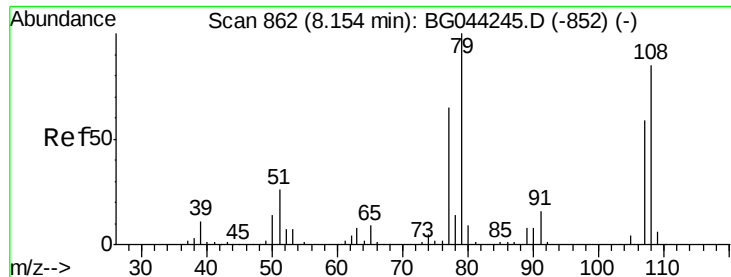
Tot Ion:146 Resp: 259549
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.4 77.0
 111 40.1 31.8 47.8



#14
 1,2-Dichlorobenzene
 Concen: 49.258 ng
 RT: 8.26 min Scan# 879
 Delta R.T. -0.00 min
 Lab File: BG044426.D
 Acq: 13 Feb 2020 20:38

Tgt Ion:146 Resp: 249199
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.2 76.8
 111 42.6 34.0 51.0





#15

Benzyl Alcohol

Concen: 56.081 ng

RT: 8.14 min Scan# 859

Delta R.T. -0.00 min

Lab File: BG044426.D

Acq: 13 Feb 2020 20:38

Instrument :

BNA_G

ClientSampled :

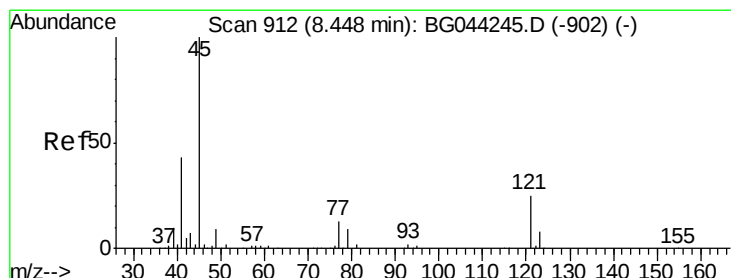
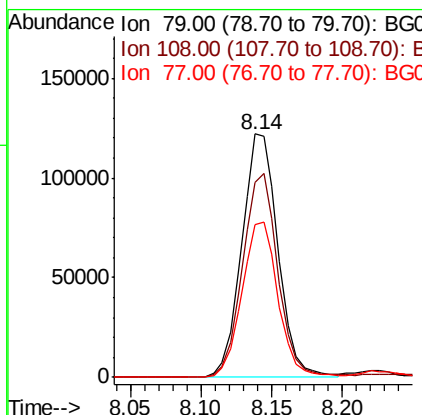
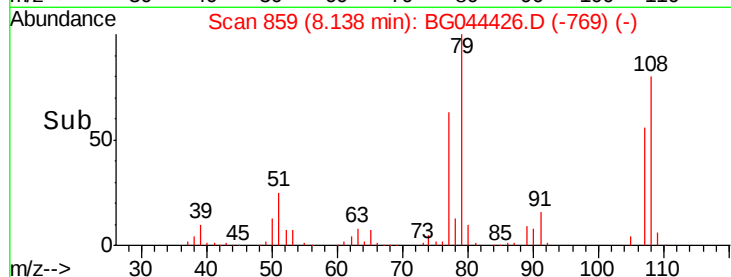
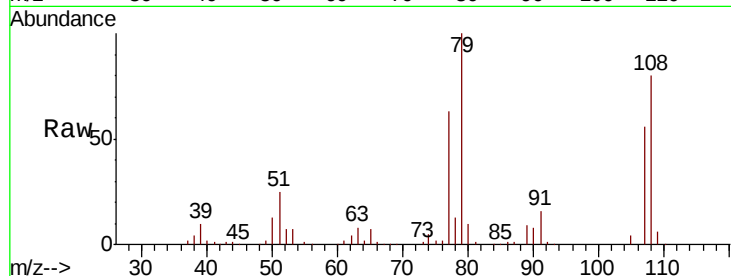
Tot Ion: 79 Resp: 219573

Ion Ratio Lower Upper

79 100

108 79.9 68.3 102.5

77 62.9 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 49.587 ng

RT: 8.43 min Scan# 909

Delta R.T. -0.00 min

Lab File: BG044426.D

Acq: 13 Feb 2020 20:38

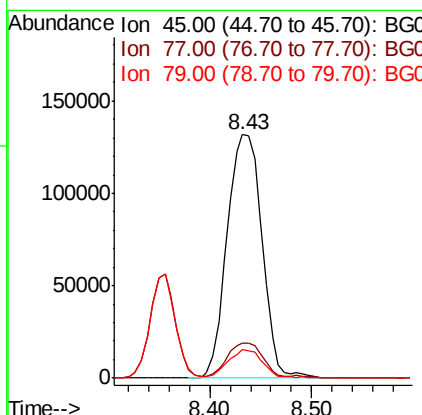
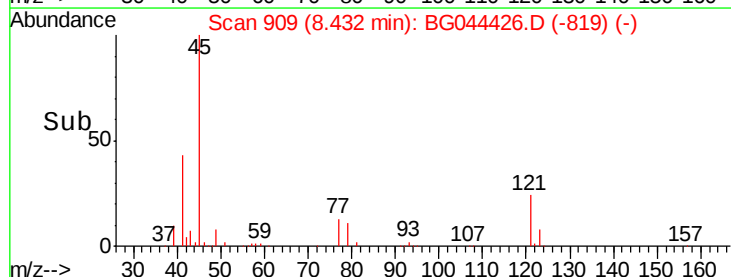
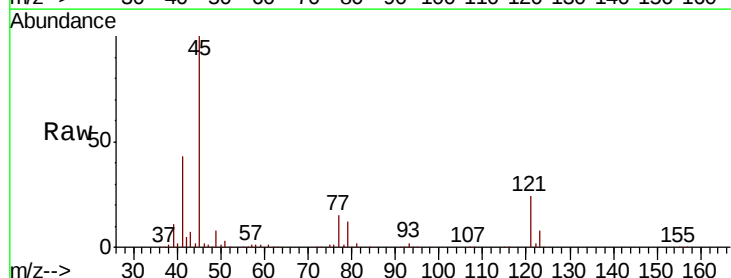
Tgt Ion: 45 Resp: 314040

Ion Ratio Lower Upper

45 100

77 14.6 0.0 35.2

79 11.5 0.0 31.1

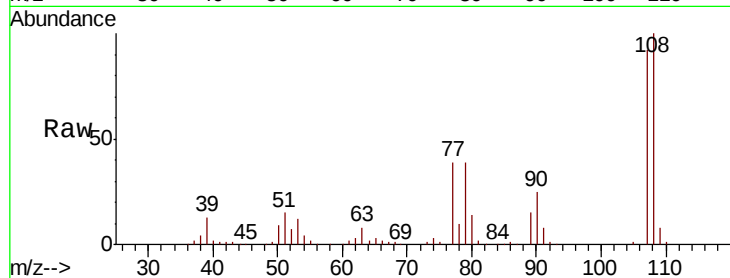




#17
2-Methylphenol
Concen: 58.398 ng
RT: 8.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BG044426.D
Acq: 13 Feb 2020 20:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.1	86.4	129.6
77	42.8	34.0	51.0
79	42.7	32.9	49.3



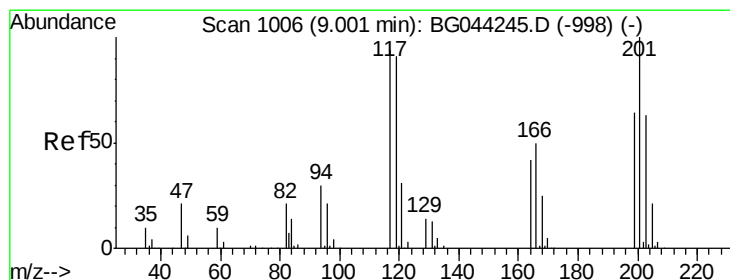
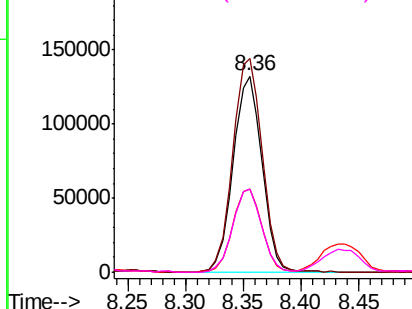
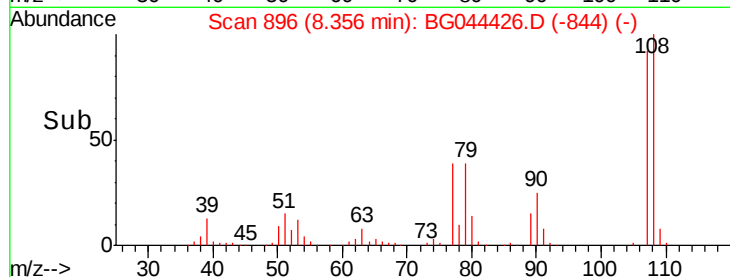
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

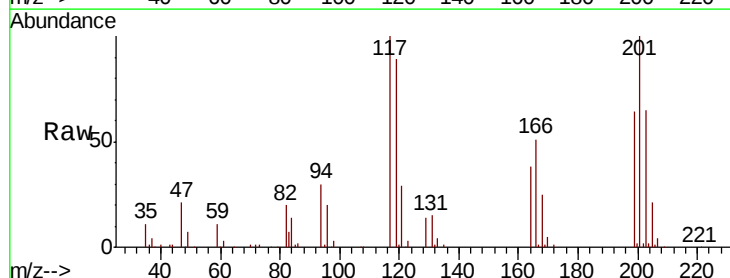
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 47.966 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BG044426.D
Acq: 13 Feb 2020 20:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	88.8	77.5	116.3
201	99.7	84.9	127.3

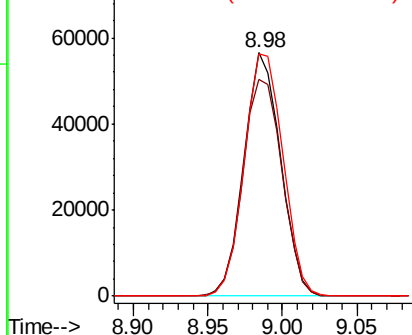
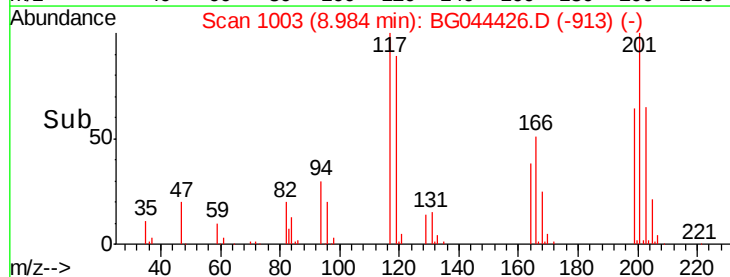


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

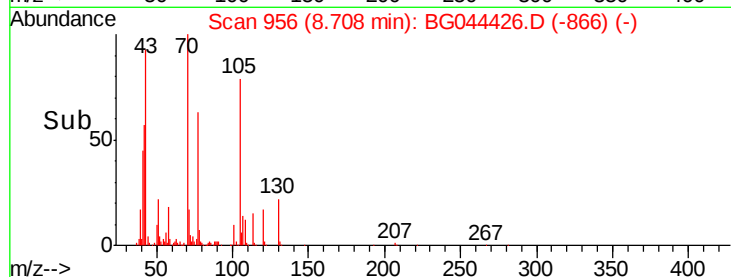
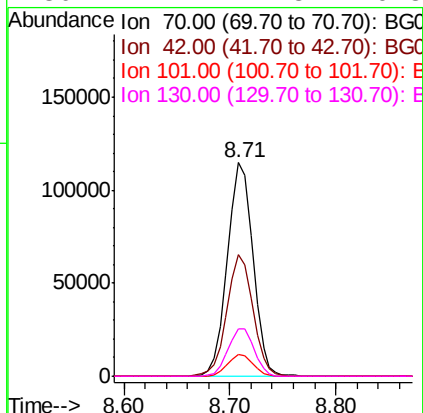
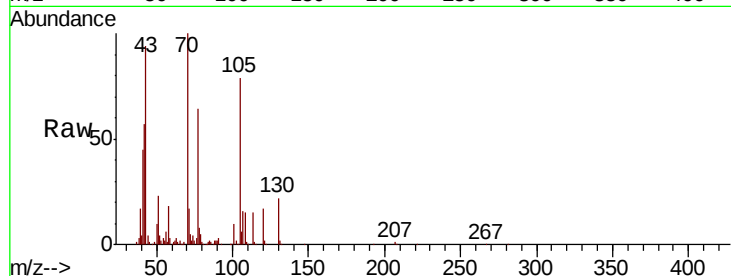




#19
n-Nitroso-di-n-propylamine
Concen: 52.157 ng
RT: 8.71 min Scan# 956
Delta R.T. -0.00 min
Lab File: BG044426.D
Acq: 13 Feb 2020 20:38

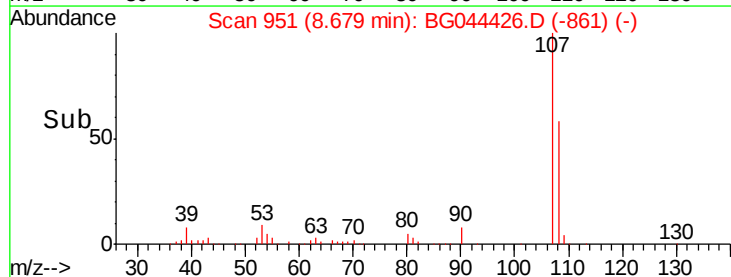
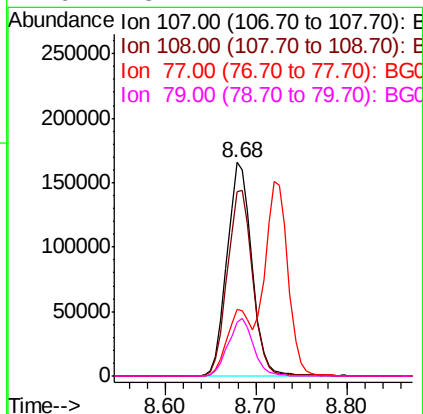
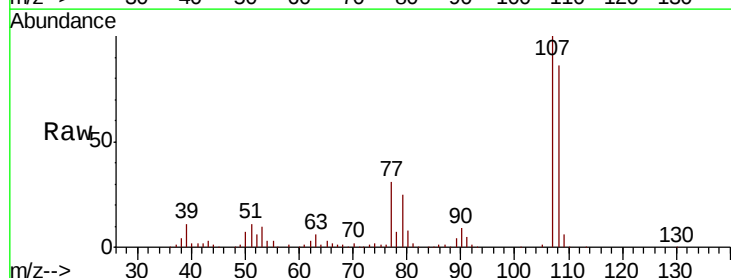
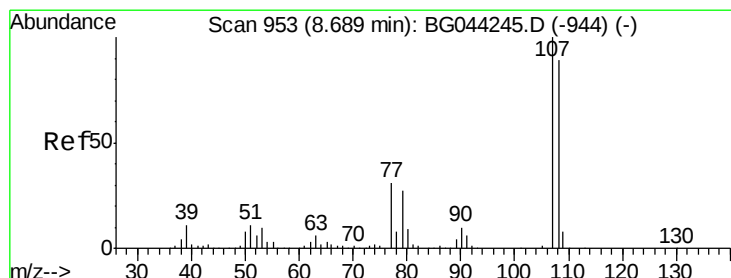
Instrument :
BNA_G
ClientSampleId :

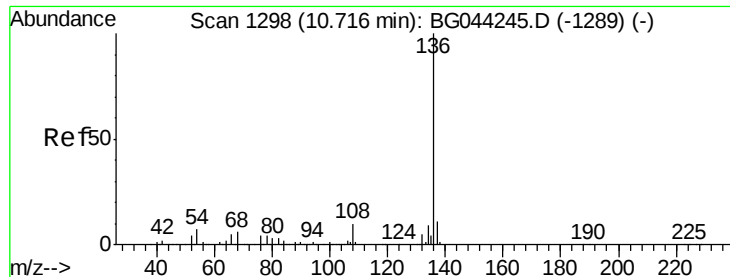
Tot Ion:	70	Resp:	192233
Ion	Ratio	Lower	Upper
70	100		
42	57.0	46.2	69.2
101	10.3	8.4	12.6
130	22.4	17.8	26.8



#20
3+4-Methylphenols
Concen: 58.886 ng
RT: 8.68 min Scan# 951
Delta R.T. -0.00 min
Lab File: BG044426.D
Acq: 13 Feb 2020 20:38

Tgt Ion:	107	Resp:	316902
Ion	Ratio	Lower	Upper
107	100		
108	86.4	68.5	108.5
77	31.1	10.9	50.9
79	25.4	7.1	47.1

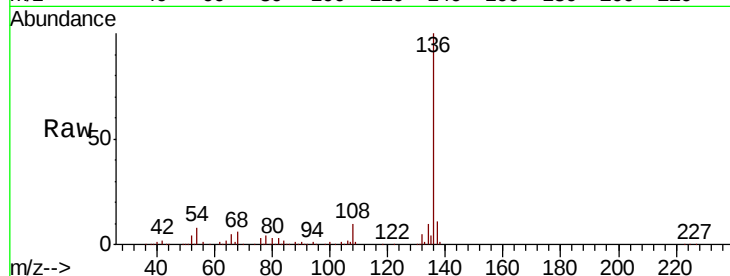




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BG044426.D
Acq: 13 Feb 2020 20:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	325041
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.8	13.2
54 7.6	5.8	8.8
68 6.1	4.6	6.8



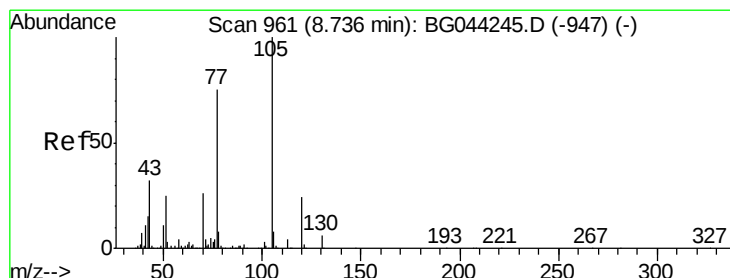
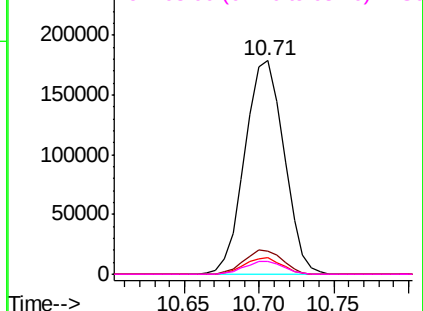
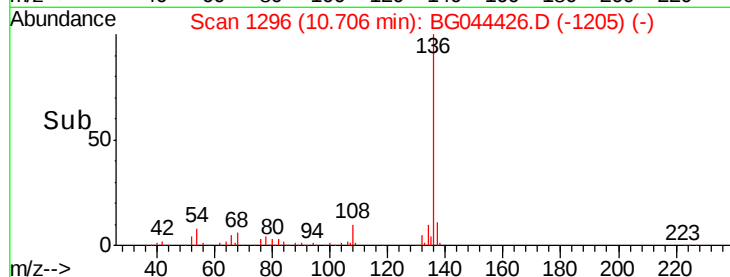
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

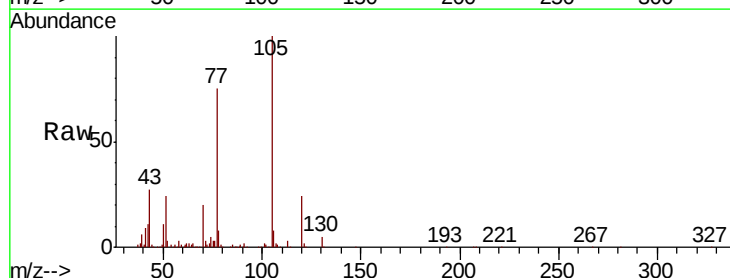
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 44.930 ng
RT: 8.73 min Scan# 959
Delta R.T. 0.00 min
Lab File: BG044426.D
Acq: 13 Feb 2020 20:38

Tgt	Ion:105	Resp:	355274
Ion	Ratio	Lower	Upper
105	100		
71	3.1	3.4	5.0#
51	24.0	20.2	30.4
120	23.9	19.1	28.7



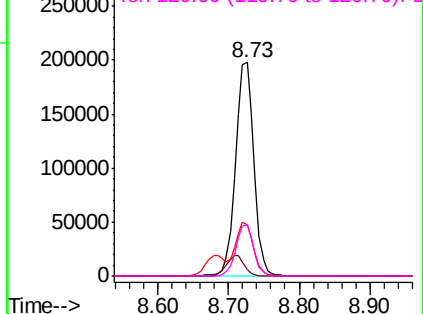
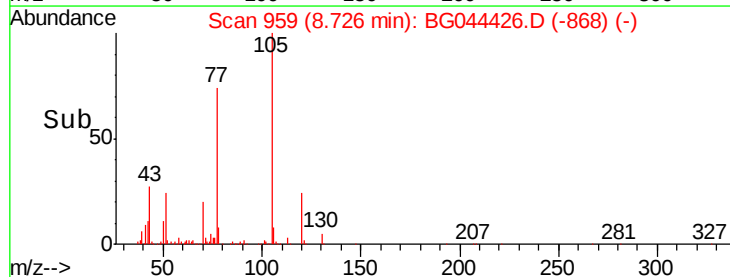
Abundance

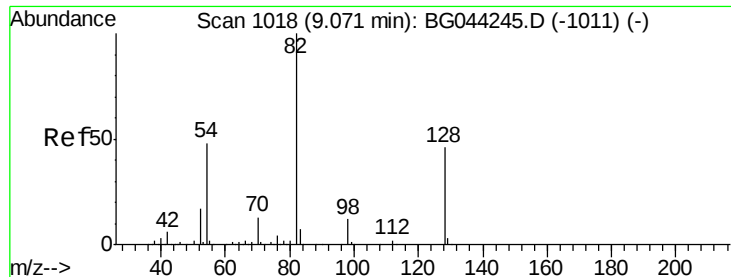
Ion 105.00 (104.70 to 105.70): E

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

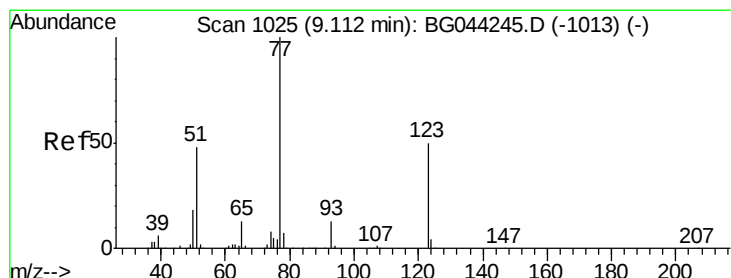
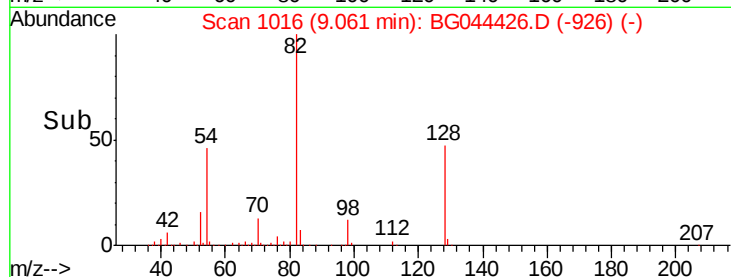
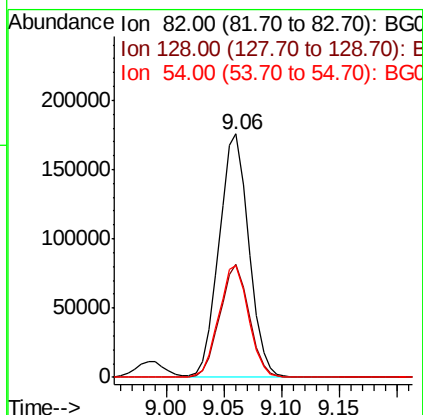
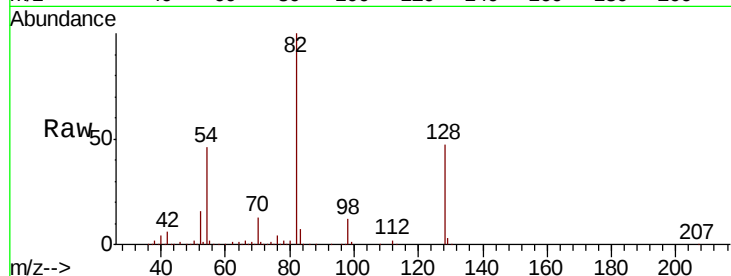




#23
 Nitrobenzene-d5
 Concen: 54.453 ng
 RT: 9.06 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BG044426.D
 Acq: 13 Feb 2020 20:38

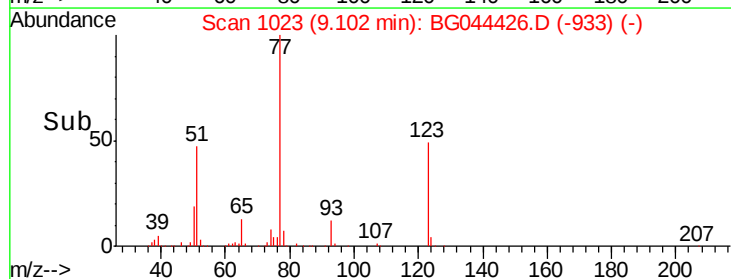
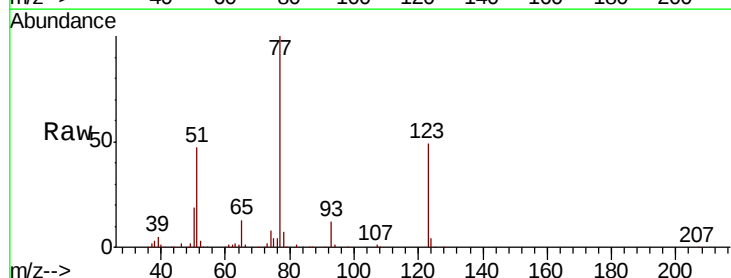
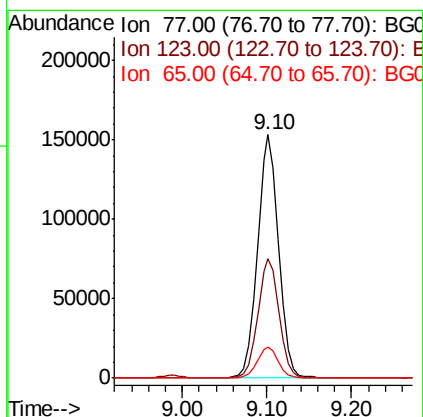
Instrument :
 BNA_G
 ClientSampleId :

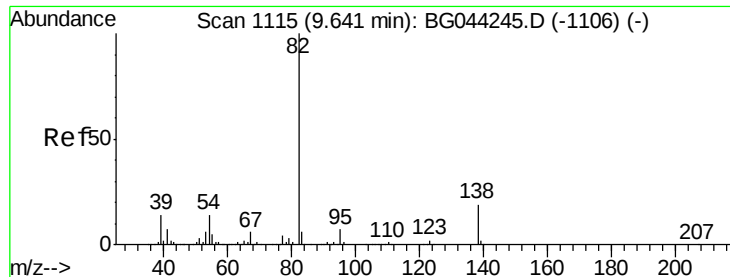
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.5	54.7
54	45.8	38.6	58.0



#24
 Nitrobenzene
 Concen: 47.714 ng
 RT: 9.10 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BG044426.D
 Acq: 13 Feb 2020 20:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.9	39.9	59.9
65	12.9	10.4	15.6





#25

Isophorone

Concen: 49.934 ng

RT: 9.63 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BG044426.D

Acq: 13 Feb 2020 20:38

Instrument :

BNA_G

ClientSampleId :

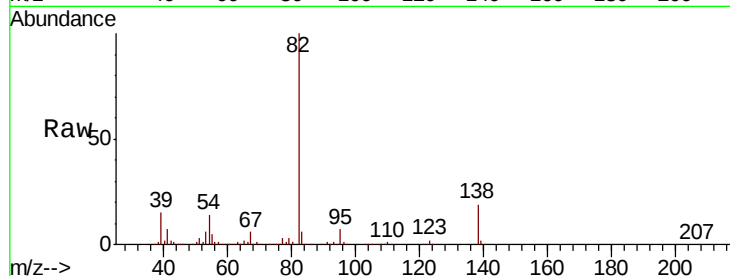
Tot Ion: 82 Resp: 535848

Ion Ratio Lower Upper

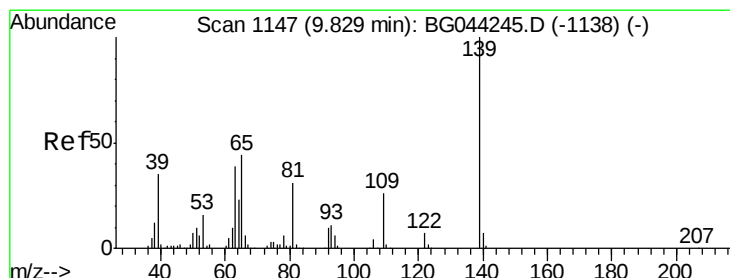
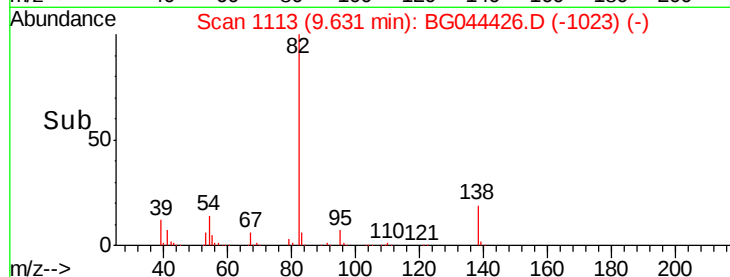
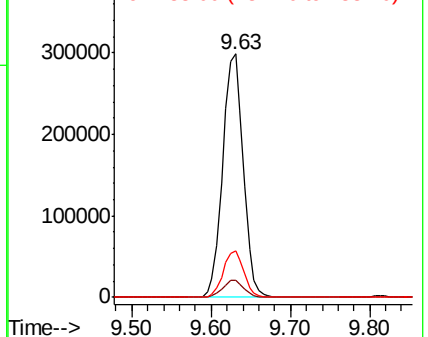
82 100

95 7.2 5.7 8.5

138 18.9 15.0 22.4



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



#26

2-Nitrophenol

Concen: 51.923 ng

RT: 9.81 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BG044426.D

Acq: 13 Feb 2020 20:38

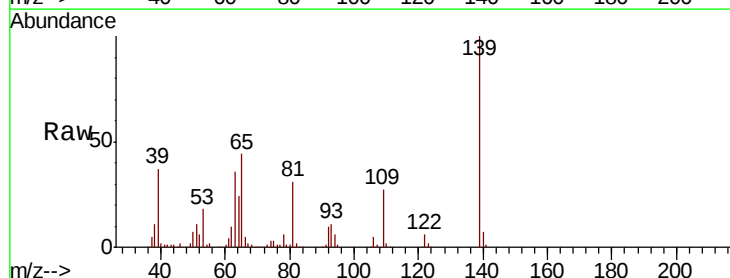
Tgt Ion: 139 Resp: 151433

Ion Ratio Lower Upper

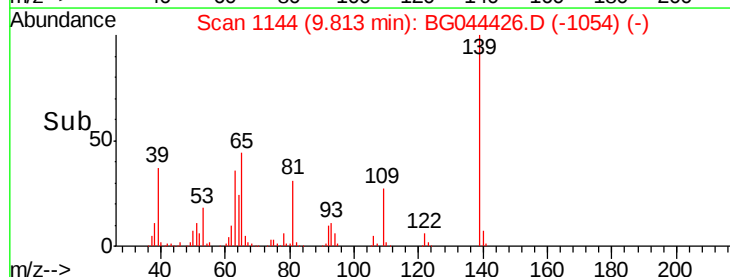
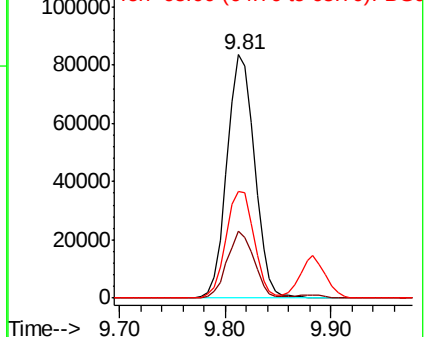
139 100

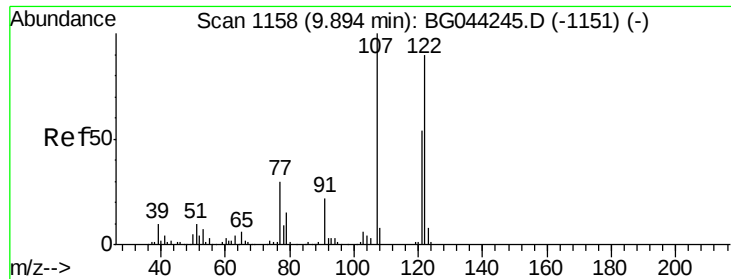
109 27.4 21.0 31.4

65 44.0 35.0 52.4



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

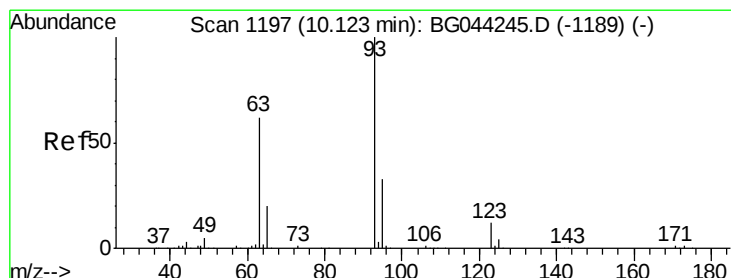
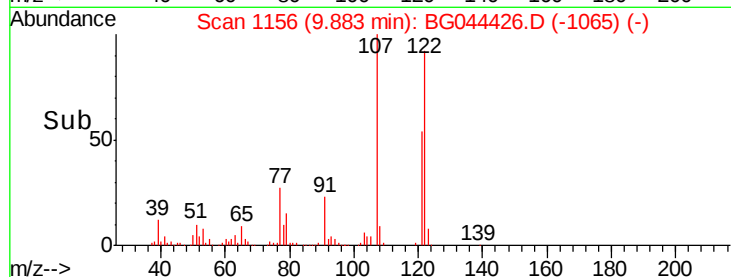
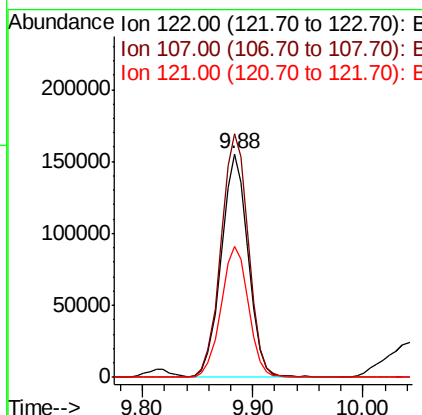
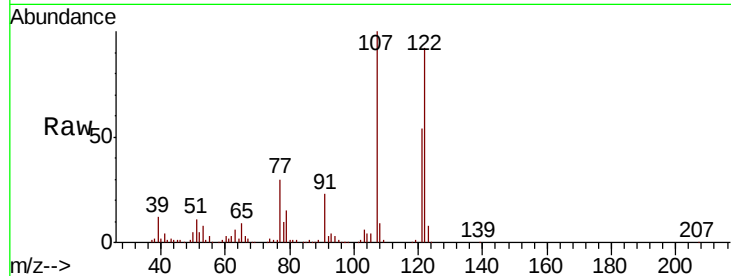




#27
 2,4-Dimethylphenol
 Concen: 63.597 ng
 RT: 9.88 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BG044426.D
 Acq: 13 Feb 2020 20:38

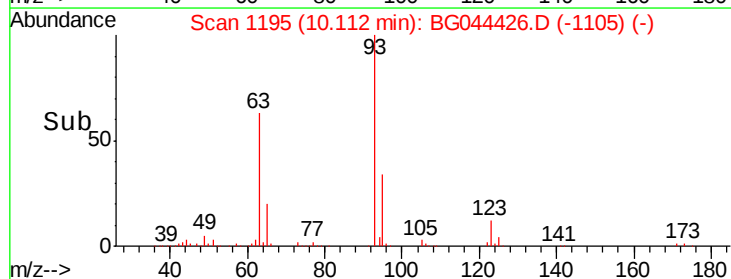
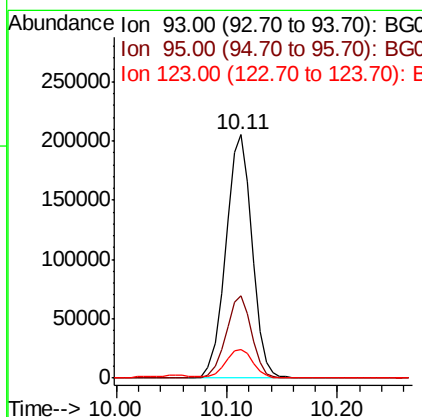
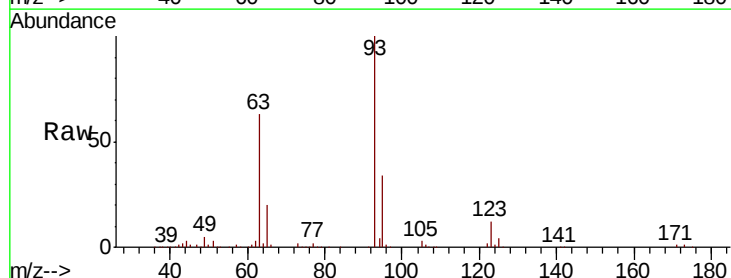
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 261824
 Ion Ratio Lower Upper
 122 100
 107 109.0 88.8 133.2
 121 58.5 48.3 72.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.704 ng
 RT: 10.11 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BG044426.D
 Acq: 13 Feb 2020 20:38

Tgt Ion: 93 Resp: 341497
 Ion Ratio Lower Upper
 93 100
 95 33.6 26.6 40.0
 123 11.6 10.0 15.0

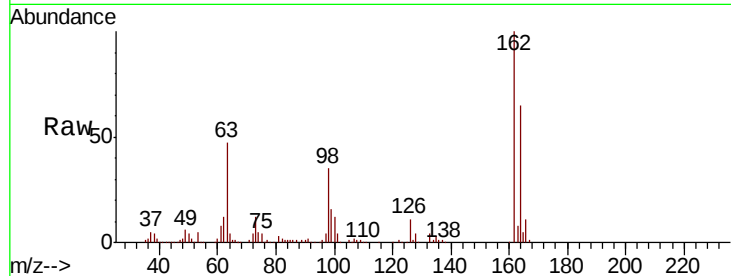




#29
2,4-Dichlorophenol
Concen: 54.960 ng
RT: 10.36 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BG044426.D
Acq: 13 Feb 2020 20:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	44.7	84.7
98	35.0	15.8	55.8

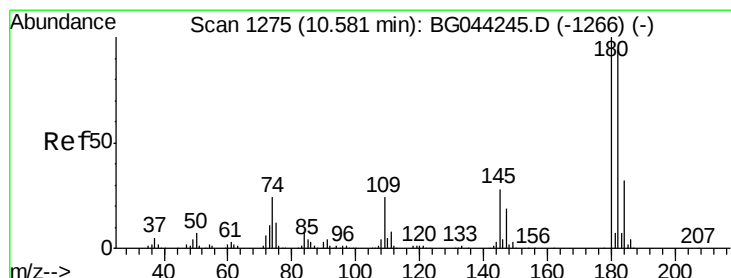
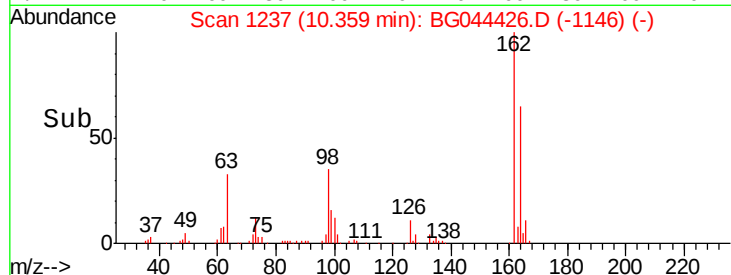
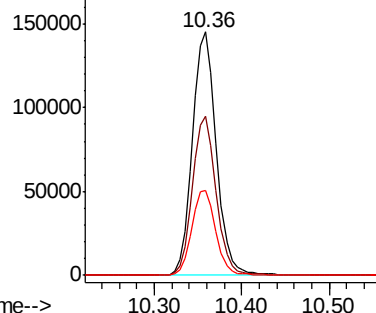


Abundance

Ion 162.00 (161.70 to 162.70): E

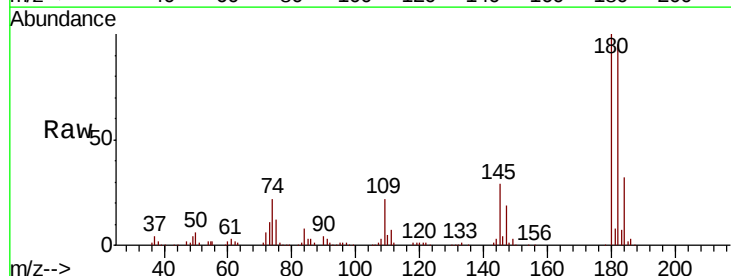
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 45.832 ng
RT: 10.57 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BG044426.D
Acq: 13 Feb 2020 20:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.5	113.3
145	28.6	22.6	34.0

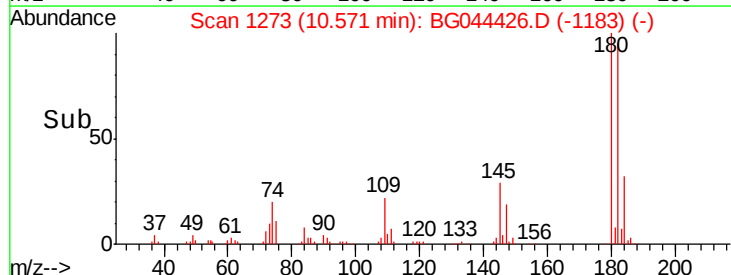
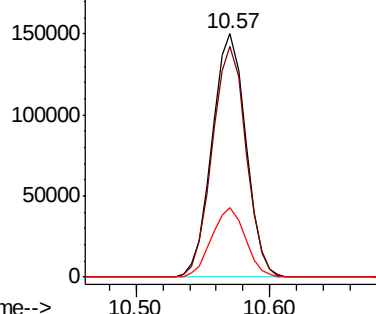


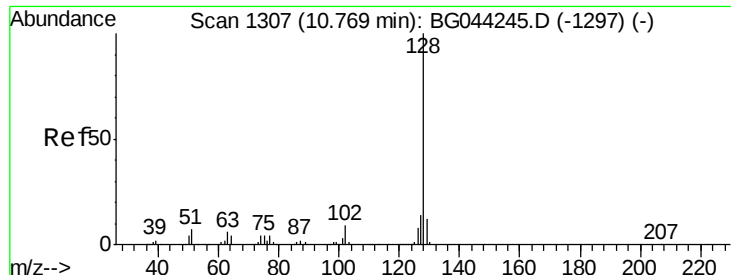
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

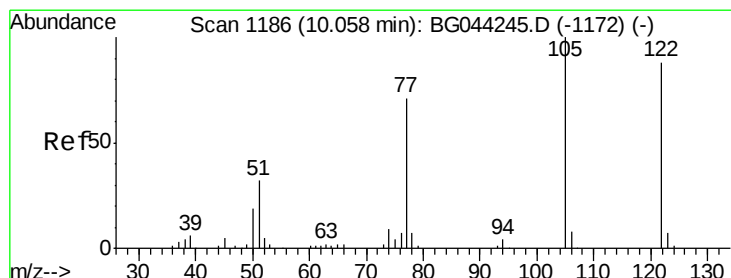
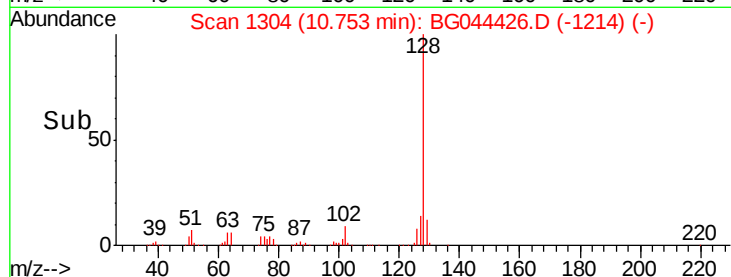
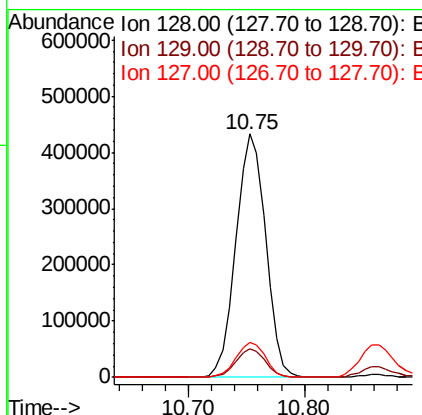
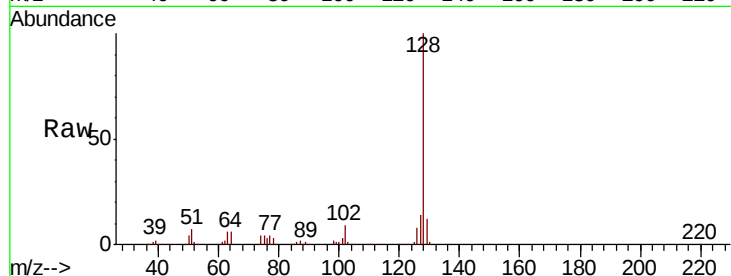




#31
Naphthalene
Concen: 48.995 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BG044426.D
Acq: 13 Feb 2020 20:38

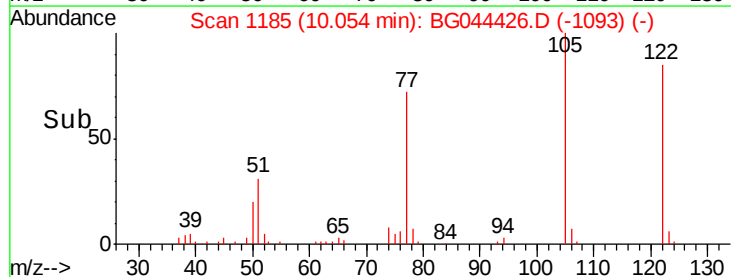
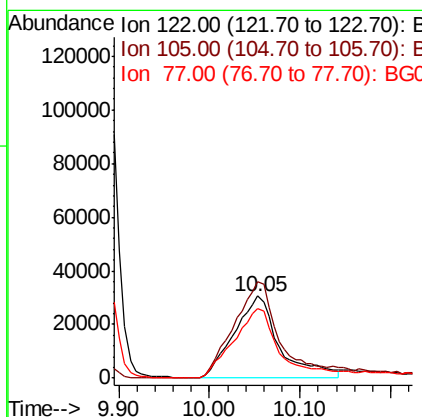
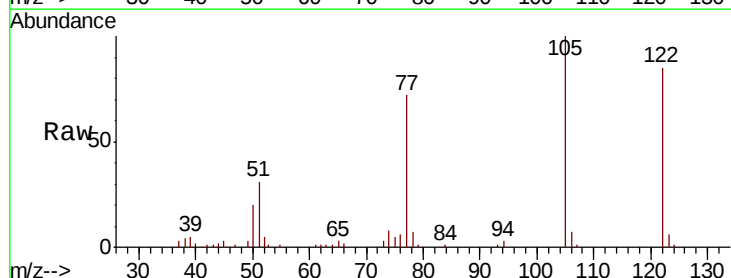
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	14.2	11.6	17.4



#32
Benzoic acid
Concen: 41.072 ng
RT: 10.05 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BG044426.D
Acq: 13 Feb 2020 20:38

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.1	93.5	133.5
77	84.7	61.0	101.0

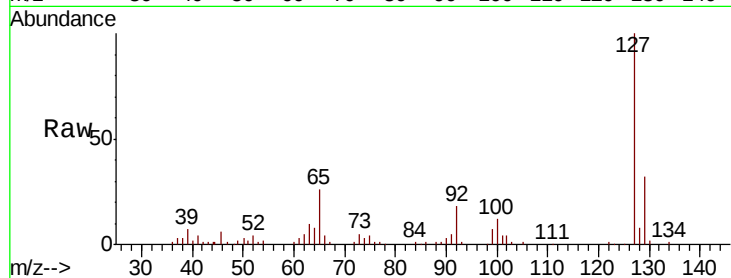




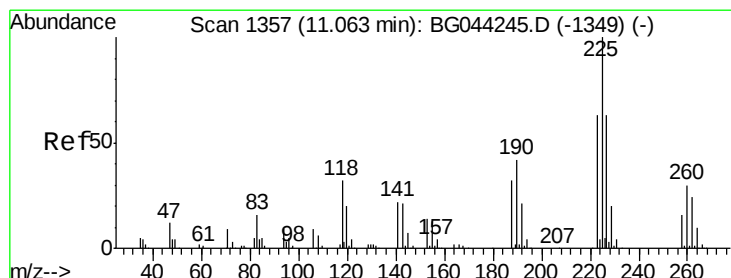
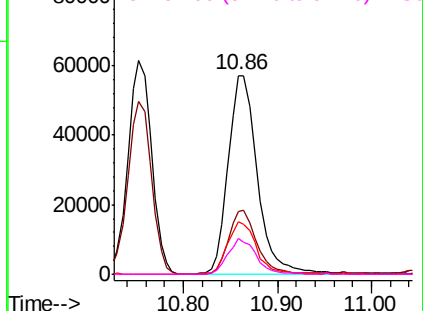
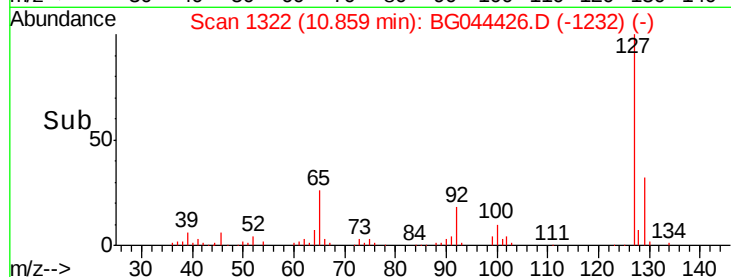
#33
4-Chloroaniline
Concen: 17.223 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG044426.D
Acq: 13 Feb 2020 20:38

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	123525
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.6	40.0
65	26.3	22.5	33.7
92	17.9	14.1	21.1

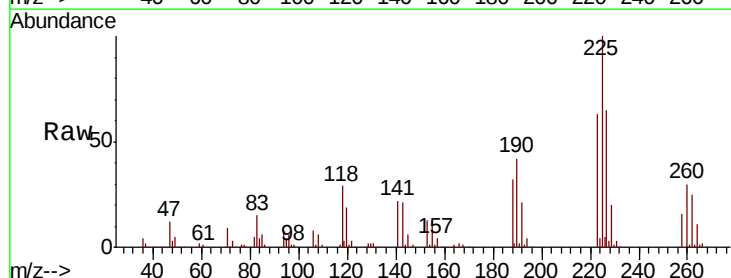


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

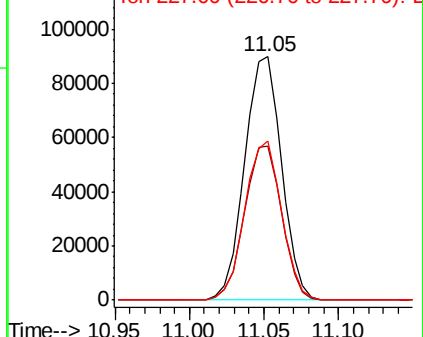
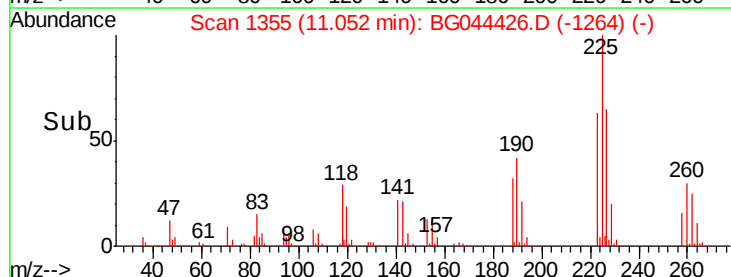


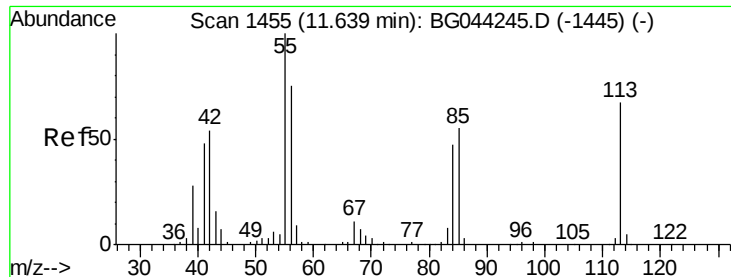
#34
Hexachlorobutadiene
Concen: 43.634 ng
RT: 11.05 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG044426.D
Acq: 13 Feb 2020 20:38

Tgt Ion:	225	Resp:	153257
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.2	75.4
227	65.2	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

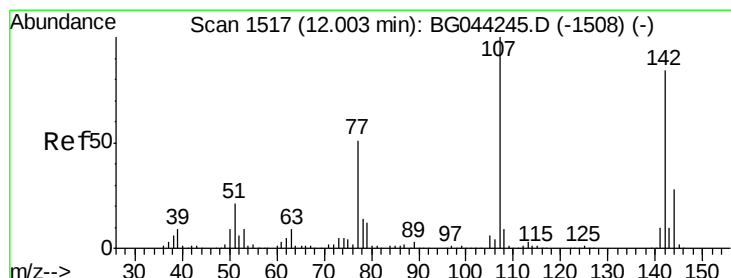
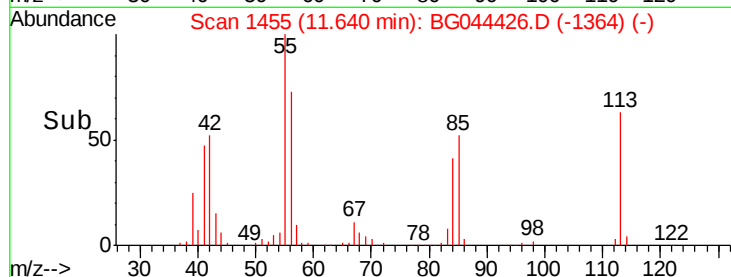
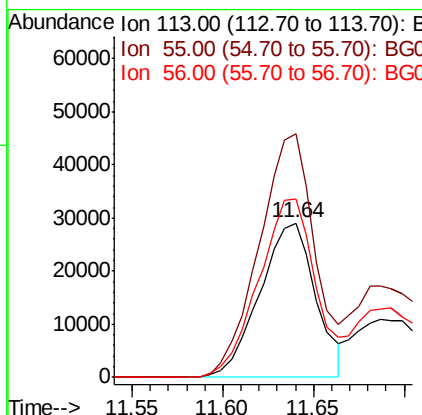
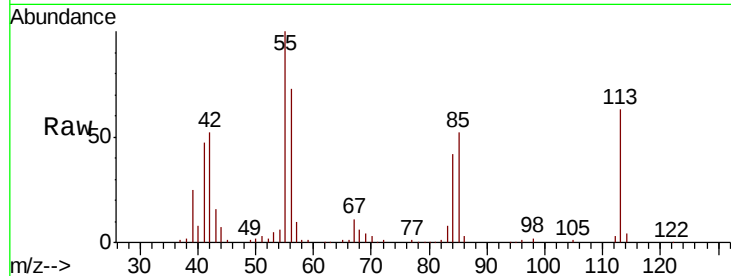




#35
 Caprolactam
 Concen: 34.222 ng
 RT: 11.64 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BG044426.D
 Acq: 13 Feb 2020 20:38

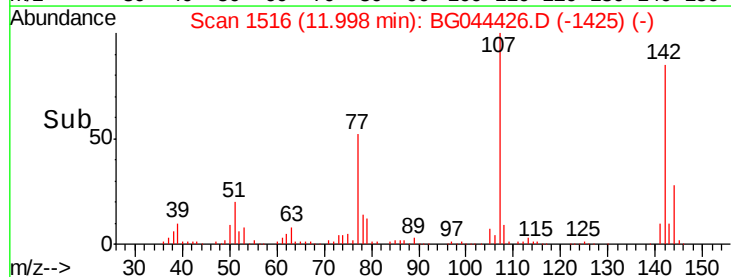
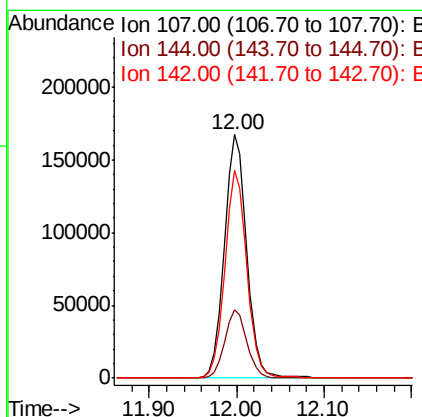
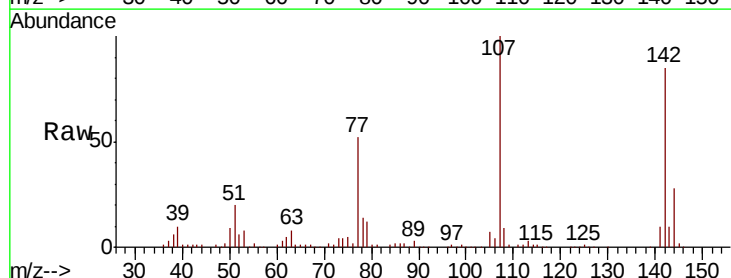
Instrument :
 BNA_G
 ClientSampled :

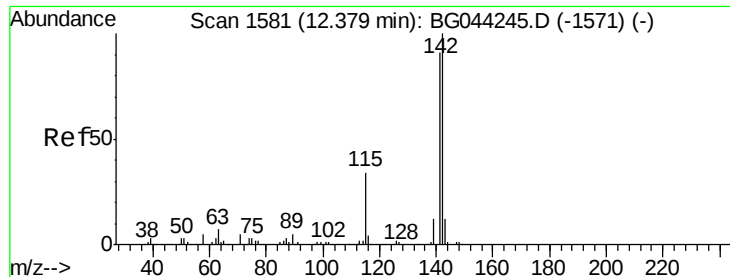
Tot Ion:113 Resp: 62406
 Ion Ratio Lower Upper
 113 100
 55 158.1 129.9 169.9
 56 115.6 92.5 132.5



#36
 4-Chloro-3-methylphenol
 Concen: 56.328 ng
 RT: 12.00 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: BG044426.D
 Acq: 13 Feb 2020 20:38

Tgt Ion:107 Resp: 293991
 Ion Ratio Lower Upper
 107 100
 144 28.2 22.2 33.4
 142 85.4 67.4 101.0

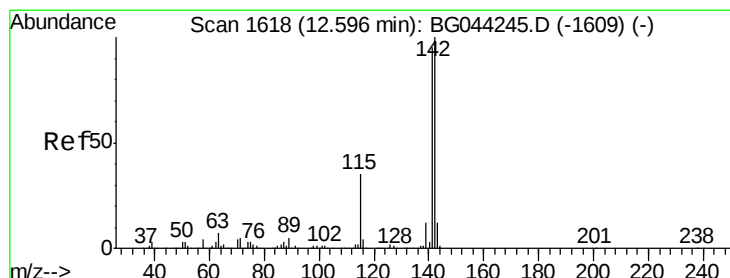
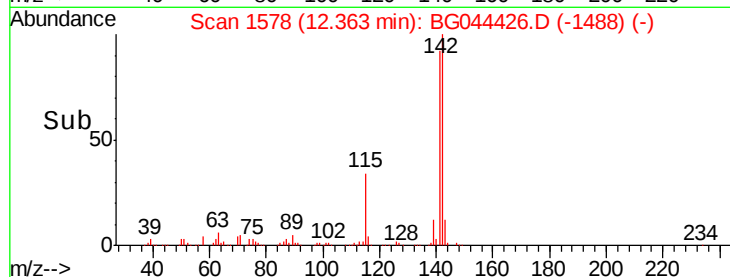
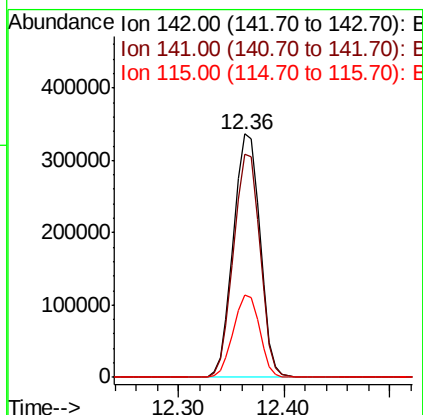
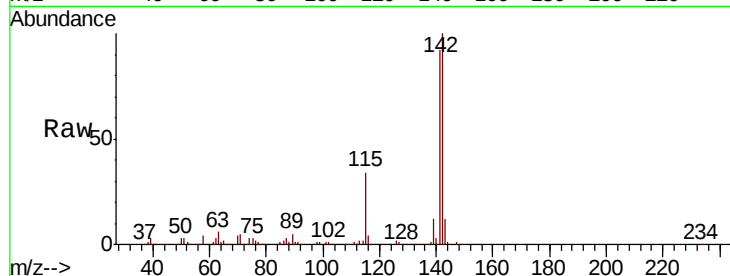




#37
2-Methylnaphthalene
Concen: 50.303 ng
RT: 12.36 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BG044426.D
Acq: 13 Feb 2020 20:38

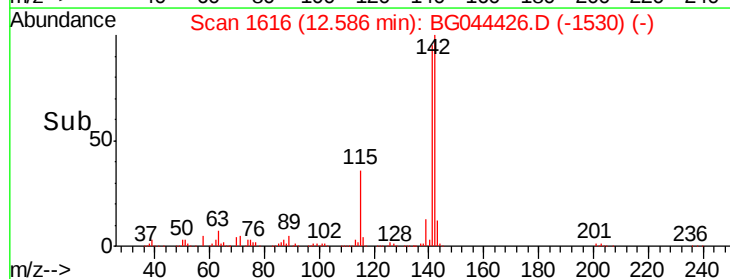
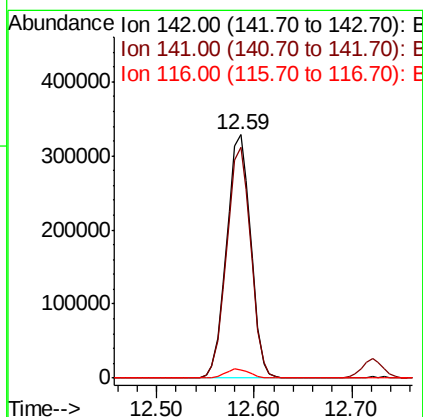
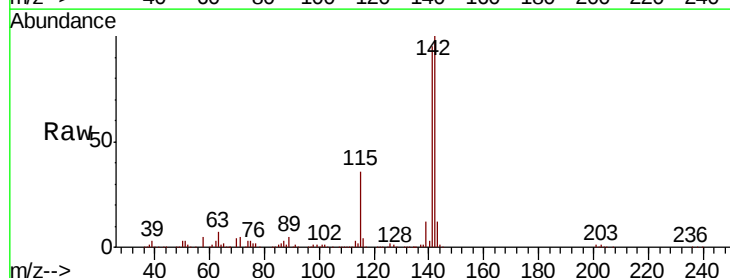
Instrument :
BNA_G
ClientSampleId :

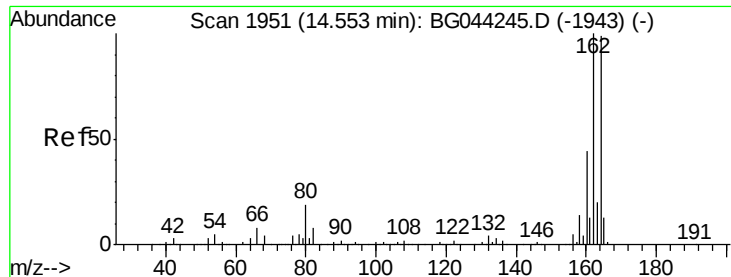
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.2	109.8
115	33.7	27.1	40.7



#38
1-Methylnaphthalene
Concen: 51.025 ng
RT: 12.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: BG044426.D
Acq: 13 Feb 2020 20:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.6	75.8	113.6
116	3.6	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: BG044426.D

Acq: 13 Feb 2020 20:38

Instrument :

BNA_G

ClientSampleId :

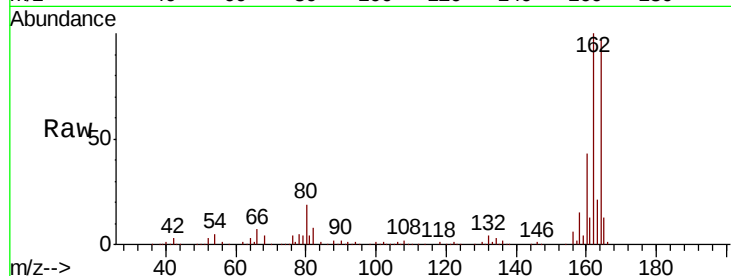
Tot Ion:164 Resp: 223799

Ion Ratio Lower Upper

164 100

162 103.0 80.7 121.1

160 44.1 35.3 52.9

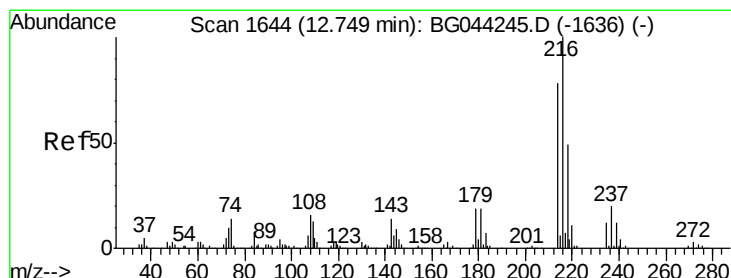
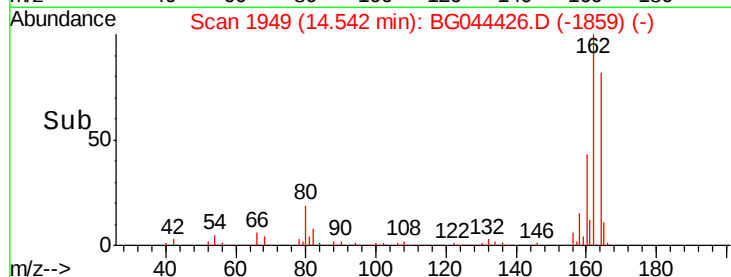
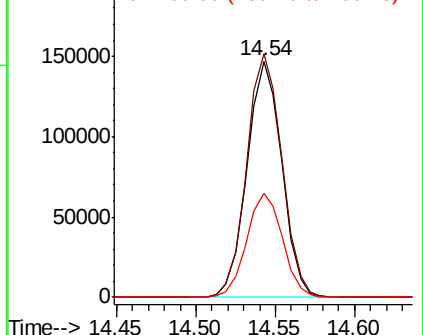


Abundance

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: 43.904 ng

RT: 12.74 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG044426.D

Acq: 13 Feb 2020 20:38

Tgt Ion:216 Resp: 293918

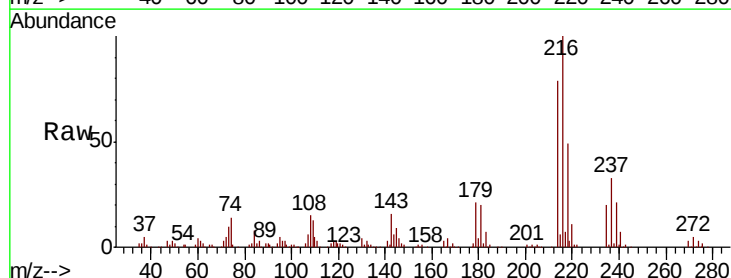
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.6

179 20.8 16.2 24.4

108 18.4 13.5 20.3



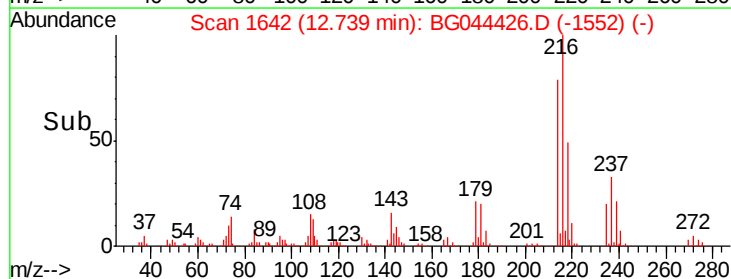
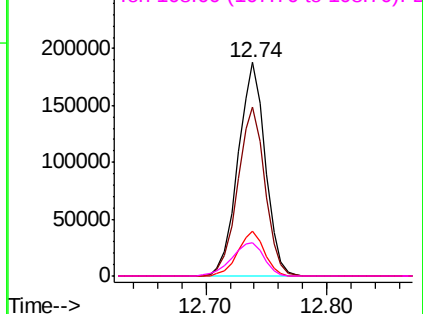
Abundance

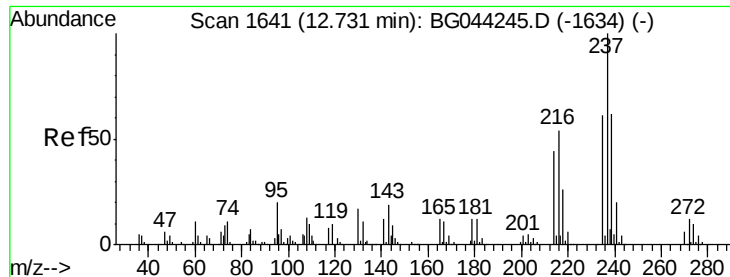
Ion 216.00 (215.70 to 216.70): E

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: 107.362 ng

RT: 12.72 min Scan# 1639

Delta R.T. -0.00 min

Lab File: BG044426.D

Acq: 13 Feb 2020 20:38

Instrument :

BNA_G

ClientSampleId :

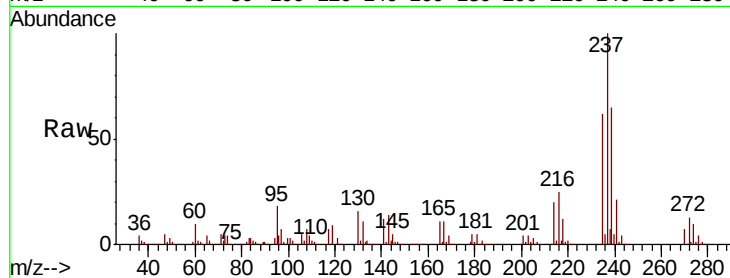
Tot Ion:237 Resp: 344875

Ion Ratio Lower Upper

237 100

235 62.1 41.2 81.2

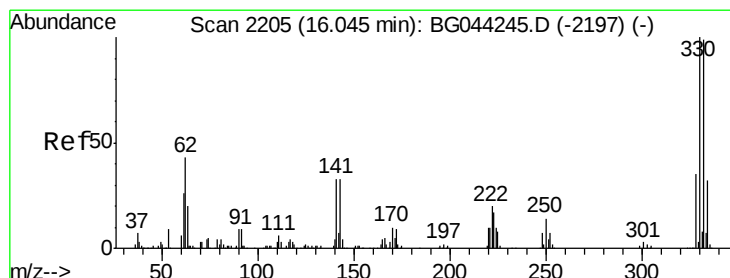
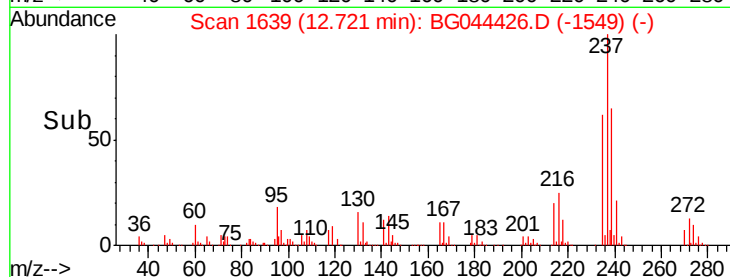
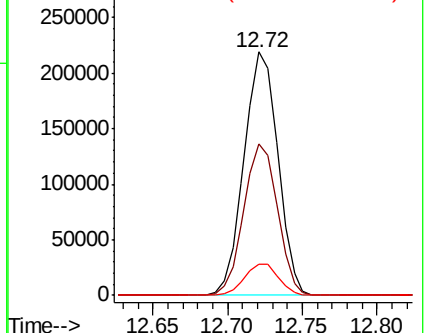
272 12.6 0.0 32.4



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: 81.370 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG044426.D

Acq: 13 Feb 2020 20:38

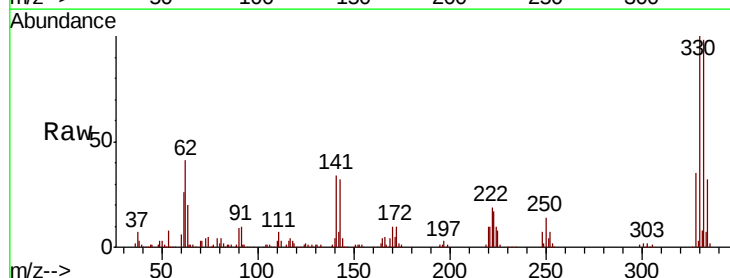
Tgt Ion:330 Resp: 213782

Ion Ratio Lower Upper

330 100

332 96.6 77.2 115.8

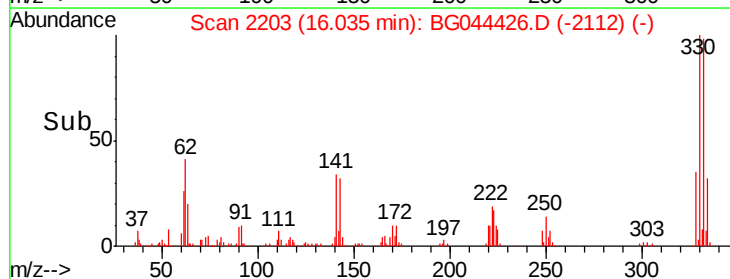
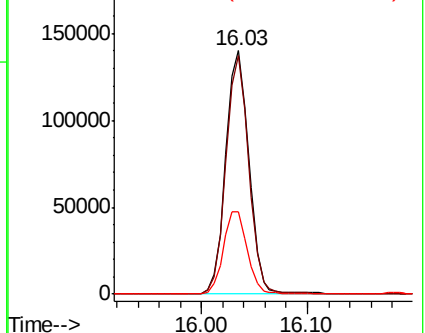
141 34.8 28.3 42.5



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

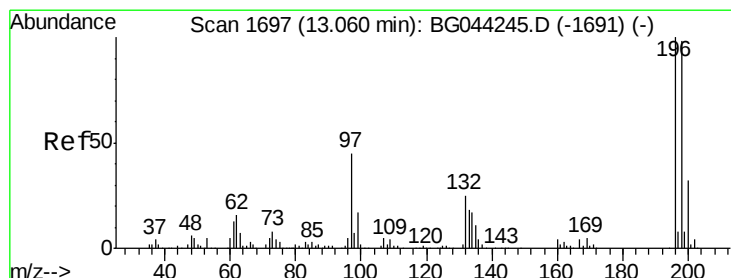
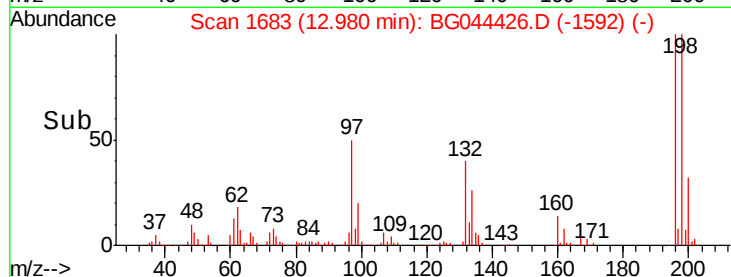
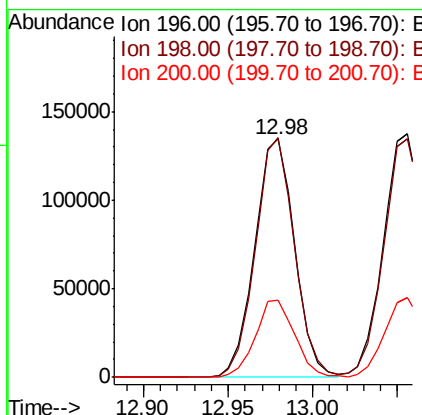
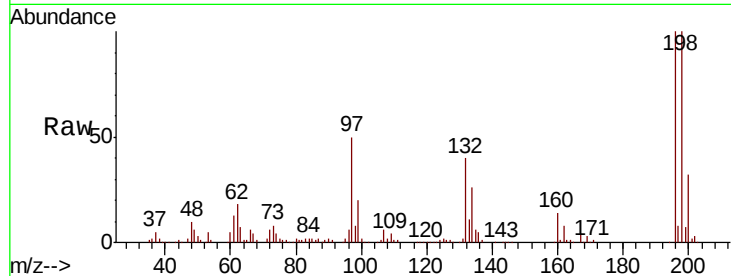




#43
 2,4,6-Trichlorophenol
 Concen: 51.084 ng
 RT: 12.98 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: BG044426.D
 Acq: 13 Feb 2020 20:38

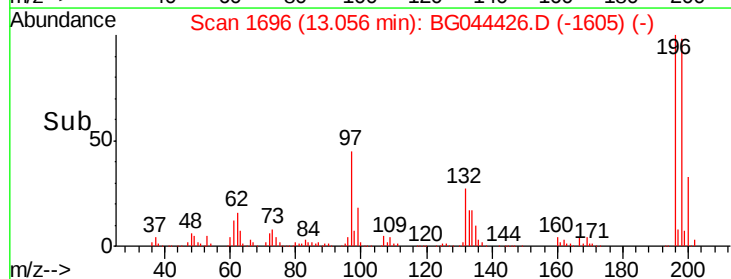
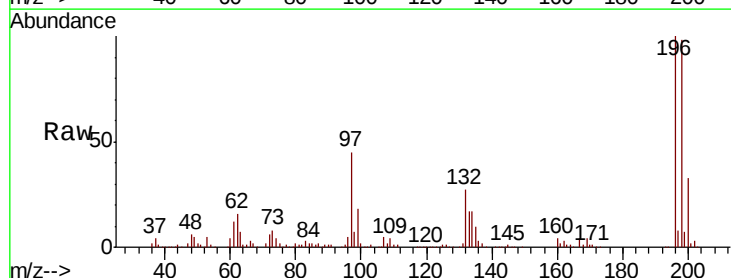
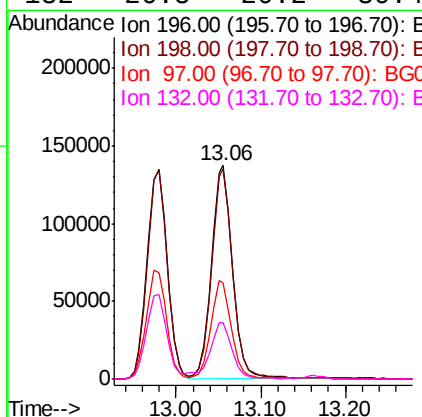
Instrument :
 BNA_G
 ClientSampleId :

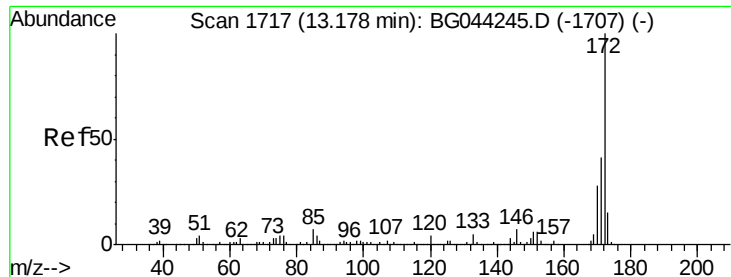
Tot Ion	196	Resp	221051
Ion Ratio	Lower	Upper	
196	100		
198	100.3	79.3	118.9
200	32.2	25.7	38.5



#44
 2,4,5-Trichlorophenol
 Concen: 54.632 ng
 RT: 13.06 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BG044426.D
 Acq: 13 Feb 2020 20:38

Tgt Ion	196	Resp	241464
Ion Ratio	Lower	Upper	
196	100		
198	98.1	78.2	117.2
97	45.1	36.2	54.4
132	26.5	20.2	30.4

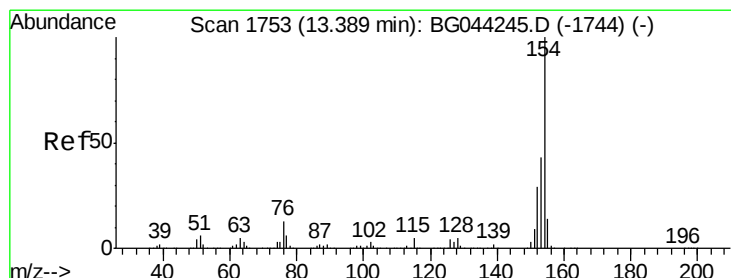
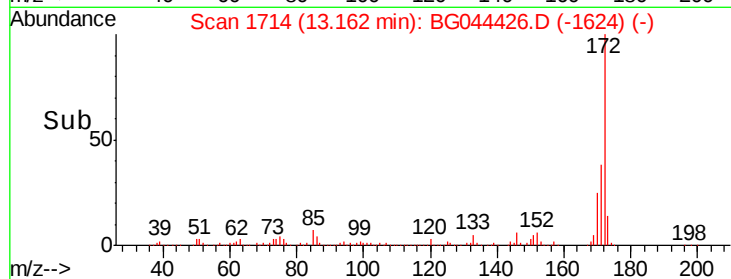
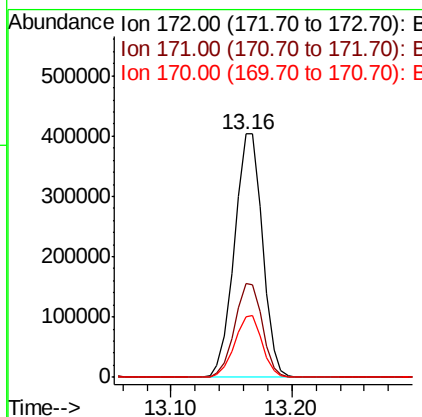
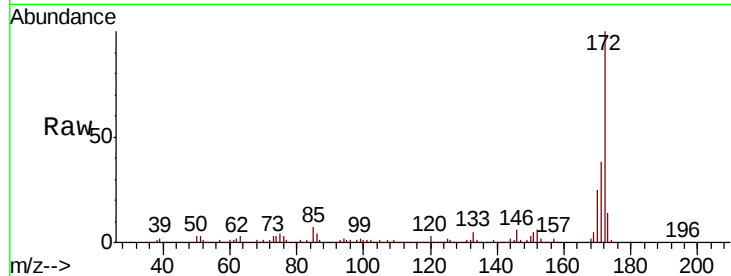




#45
 2-Fluorobiphenyl
 Concen: 48.934 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. -0.00 min
 Lab File: BG044426.D
 Acq: 13 Feb 2020 20:38

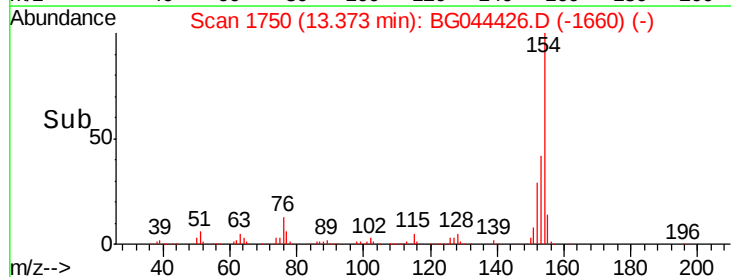
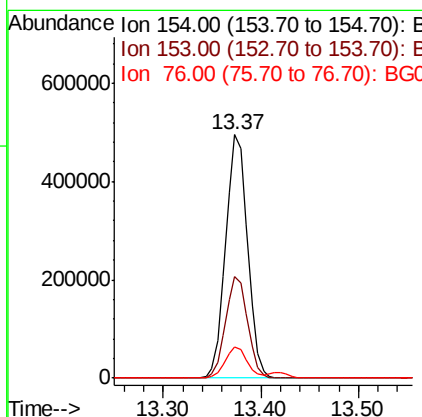
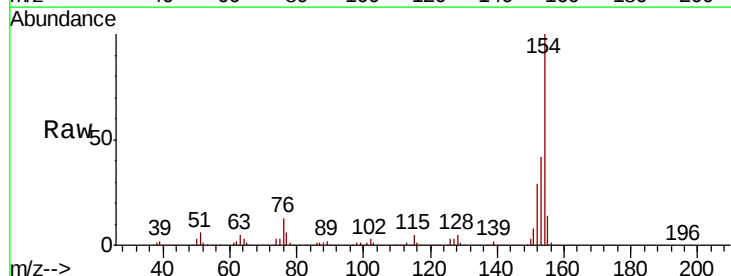
Instrument :
 BNA_G
 ClientSampleId :

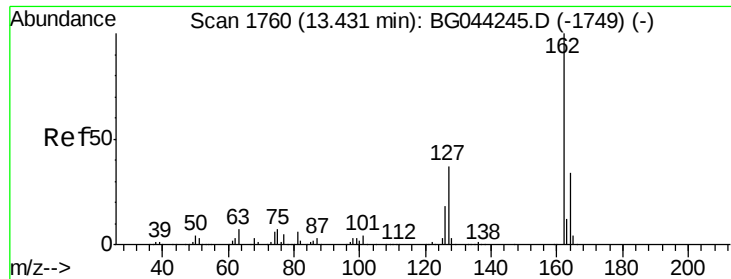
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	32.9	49.3
170	24.8	22.0	33.0



#46
 1,1'-Biphenyl
 Concen: 47.542 ng
 RT: 13.37 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: BG044426.D
 Acq: 13 Feb 2020 20:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	22.7	62.7
76	12.6	0.0	32.9

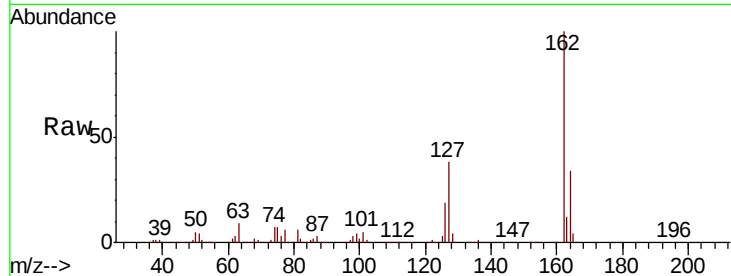




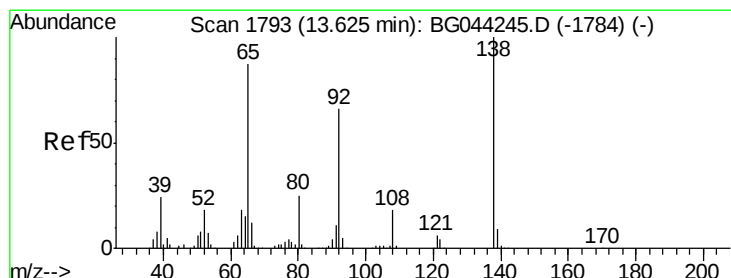
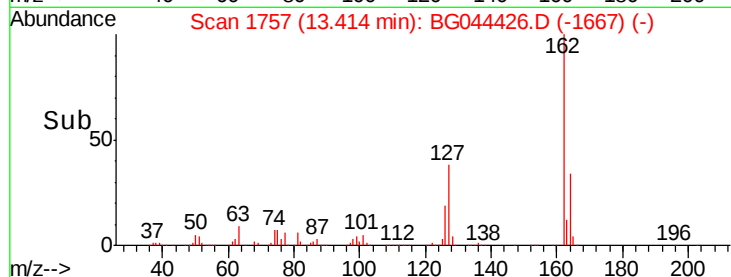
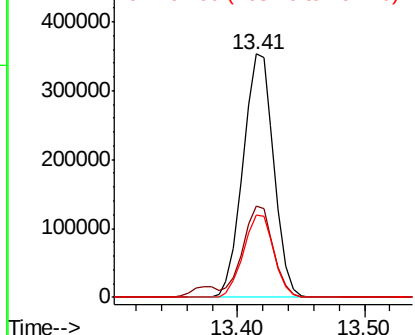
#47
2-Chloronaphthalene
Concen: 46.331 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.00 min
Lab File: BG044426.D
Acq: 13 Feb 2020 20:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.7	30.0	45.0
164	33.9	27.2	40.8

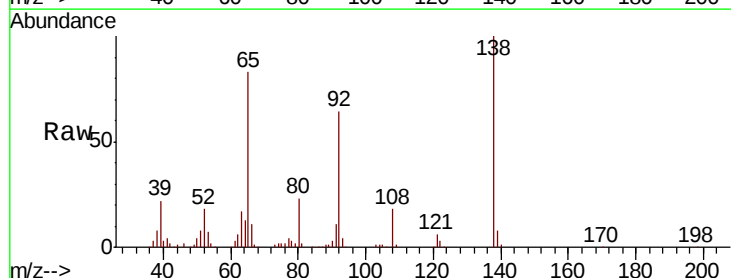


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

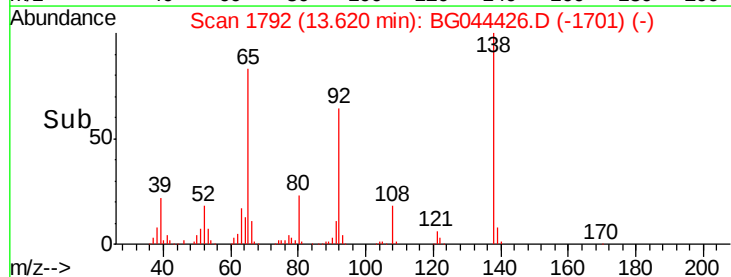
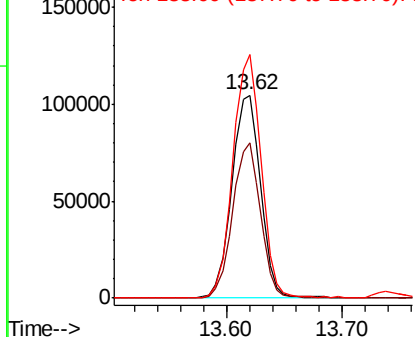


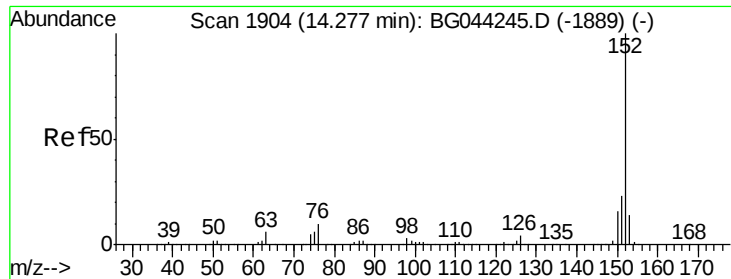
#48
2-Nitroaniline
Concen: 47.812 ng
RT: 13.62 min Scan# 1792
Delta R.T. 0.00 min
Lab File: BG044426.D
Acq: 13 Feb 2020 20:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.5	60.3	90.5
138	120.1	91.9	137.9



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





#49

Acenaphthylene

Concen: 50.357 ng

RT: 14.27 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BG044426.D

Acq: 13 Feb 2020 20:38

Instrument :

BNA_G

ClientSampleId :

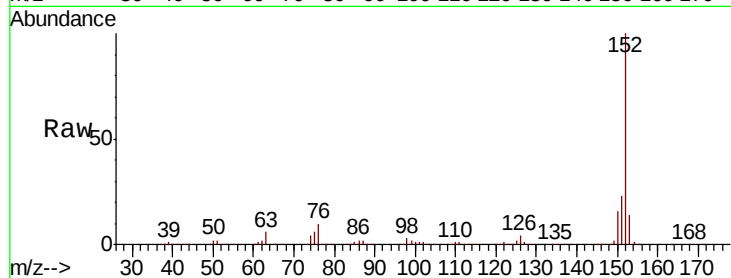
Tot Ion:152 Resp: 948779

Ion Ratio Lower Upper

152 100

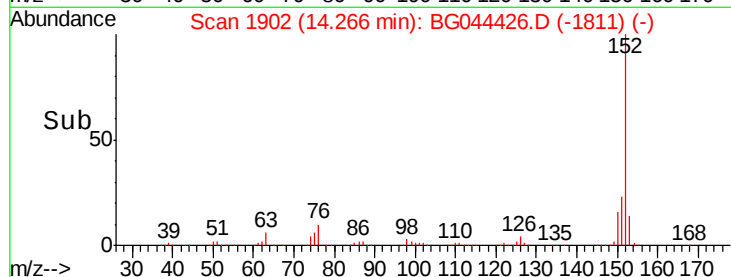
151 22.7 18.1 27.1

153 14.4 11.5 17.3

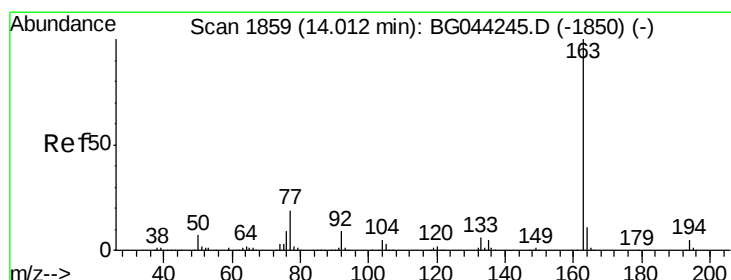


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

14.27



Time--> 14.10 14.20 14.30



#50

Dimethylphthalate

Concen: 50.755 ng

RT: 14.00 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BG044426.D

Acq: 13 Feb 2020 20:38

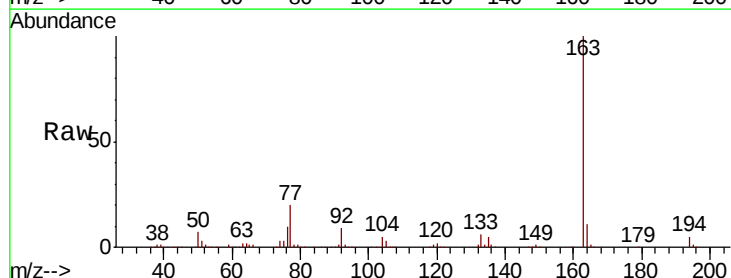
Tgt Ion:163 Resp: 816513

Ion Ratio Lower Upper

163 100

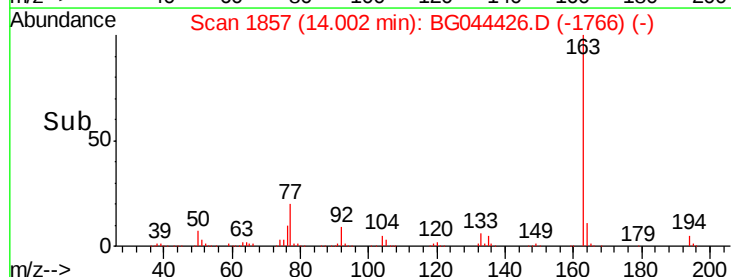
194 4.5 3.6 5.4

164 10.8 8.7 13.1

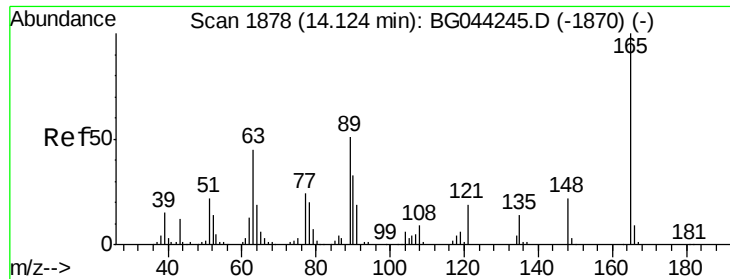


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

14.00



Time--> 13.90 14.00 14.10



#51

2,6-Dinitrotoluene

Concen: 50.010 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BG044426.D

Acq: 13 Feb 2020 20:38

Instrument :

BNA_G

ClientSampleId :

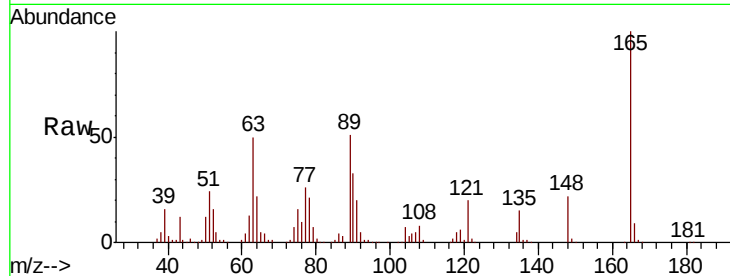
Tot Ion:165 Resp: 179383

Ion Ratio Lower Upper

165 100

63 49.6 38.7 58.1

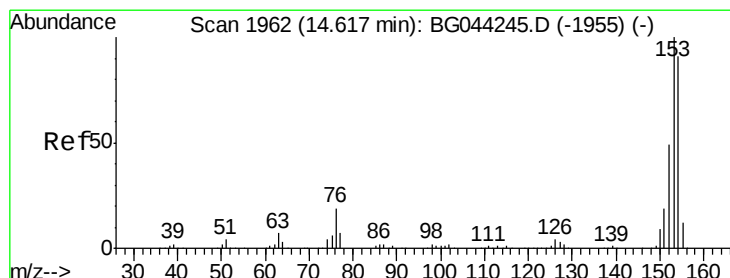
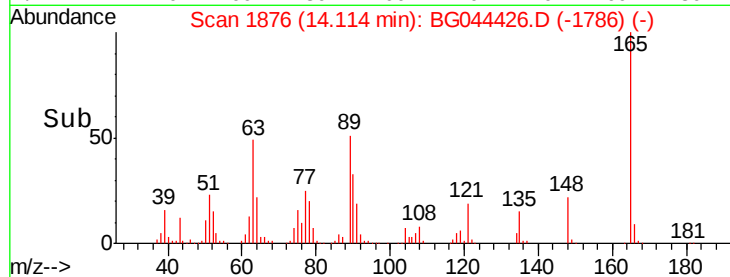
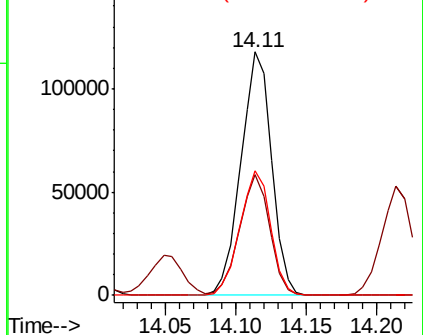
89 51.1 40.4 60.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 48.143 ng

RT: 14.61 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG044426.D

Acq: 13 Feb 2020 20:38

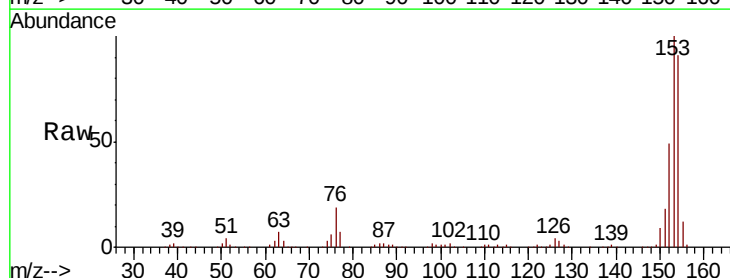
Tgt Ion:154 Resp: 587940

Ion Ratio Lower Upper

154 100

153 109.6 87.9 131.9

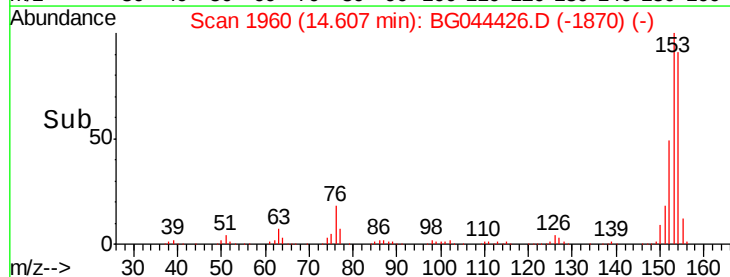
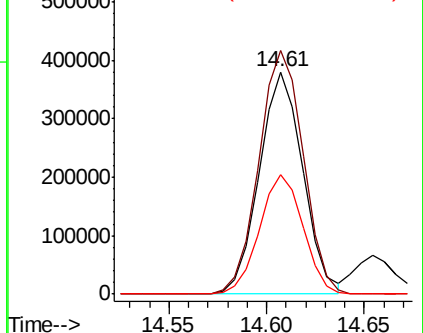
152 54.0 43.1 64.7

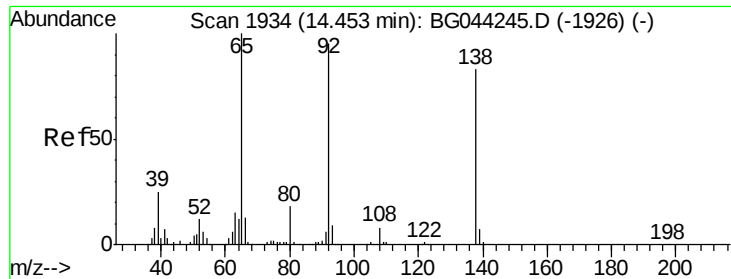


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 23.146 ng

RT: 14.44 min Scan# 1932

Delta R.T. -0.00 min

Lab File: BG044426.D

Acq: 13 Feb 2020 20:38

Instrument :

BNA_G

ClientSampleId :

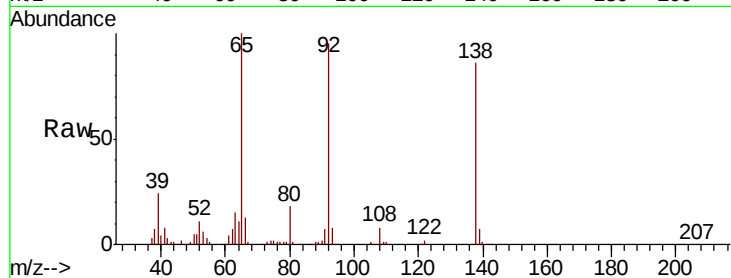
Tot Ion:138 Resp: 91854

Ion Ratio Lower Upper

138 100

108 9.2 7.9 11.9

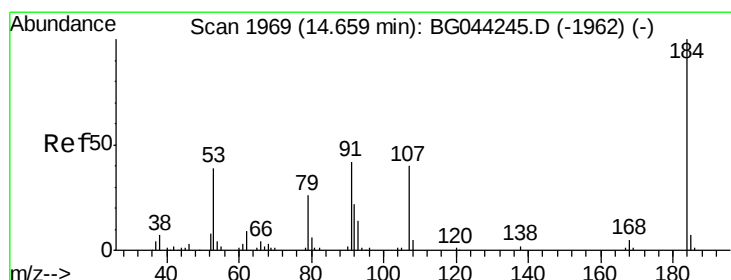
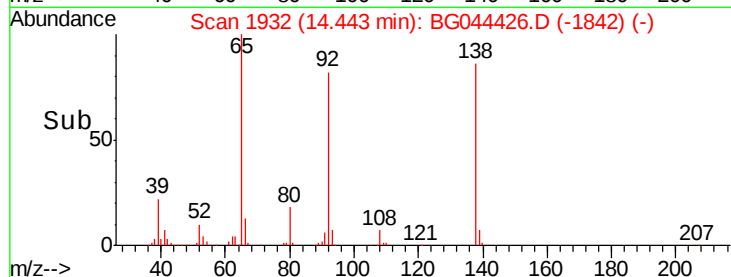
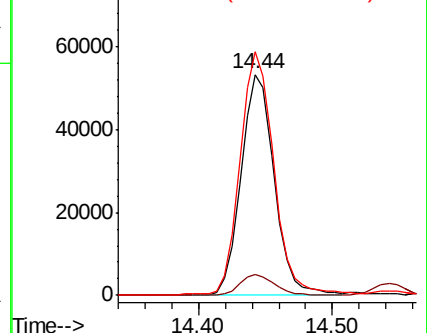
92 110.3 91.0 136.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 85.805 ng

RT: 14.65 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BG044426.D

Acq: 13 Feb 2020 20:38

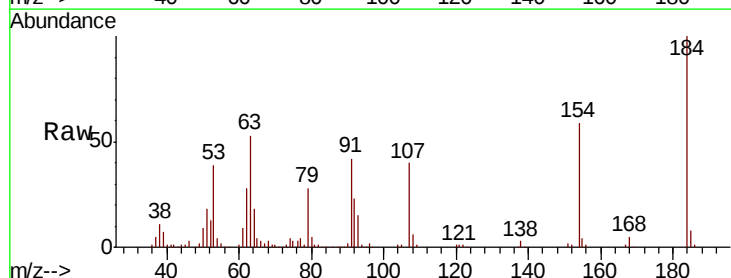
Tgt Ion:184 Resp: 183670

Ion Ratio Lower Upper

184 100

63 53.5 44.1 66.1

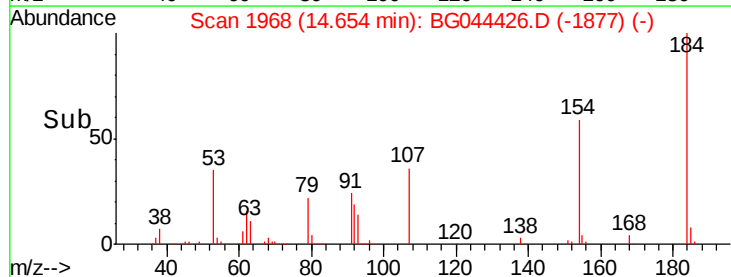
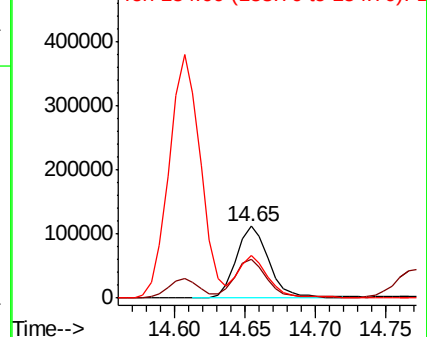
154 59.2 45.4 68.0

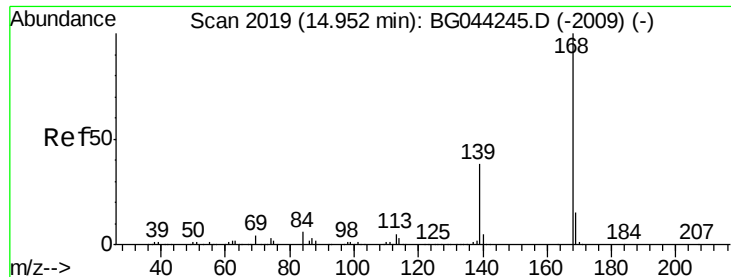


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

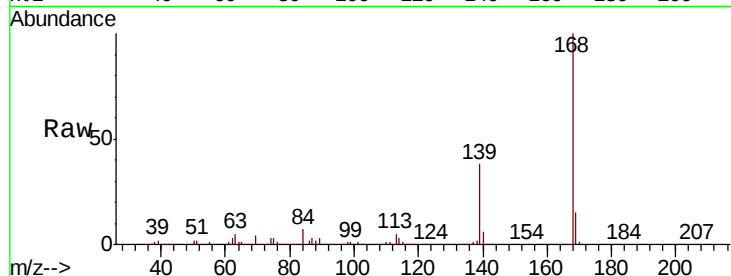




#55
Dibenzofuran
Concen: 49.217 ng
RT: 14.94 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG044426.D
Acq: 13 Feb 2020 20:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.5	30.5	45.7
169	14.8	11.7	17.5

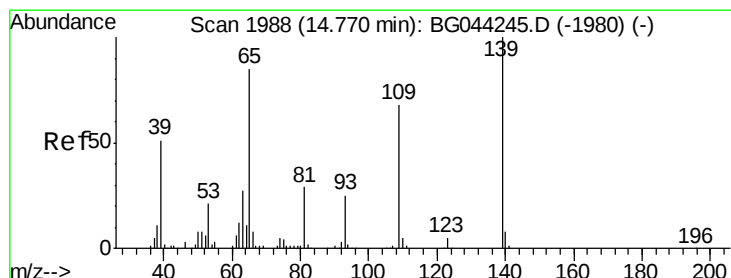
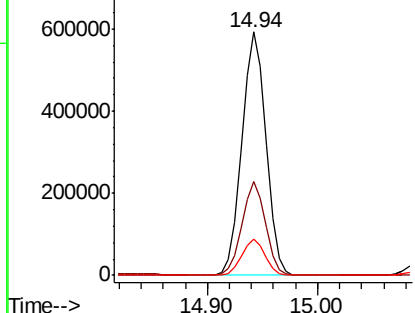
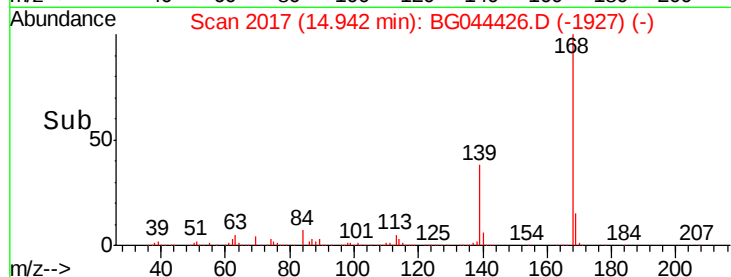


Abundance

Ion 168.00 (167.70 to 168.70): E

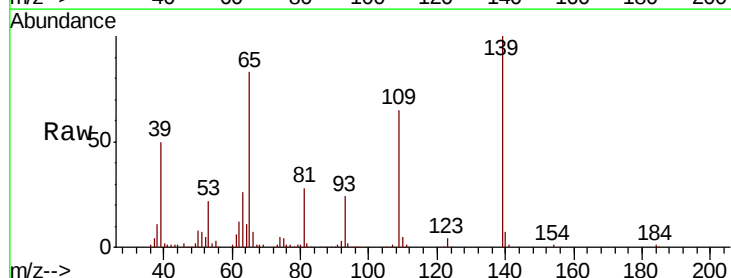
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 107.767 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.01 min
Lab File: BG044426.D
Acq: 13 Feb 2020 20:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.9	47.5	87.5
65	82.6	64.9	104.9

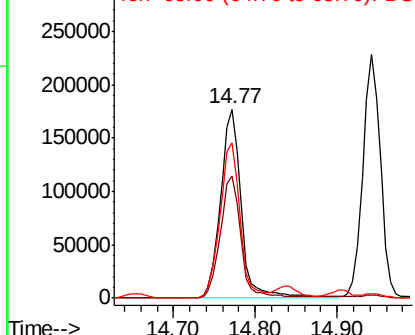
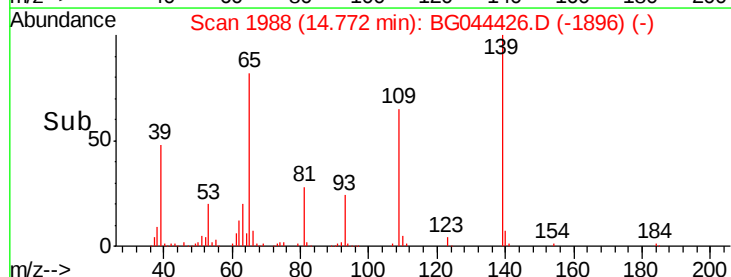


Abundance

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): BGC

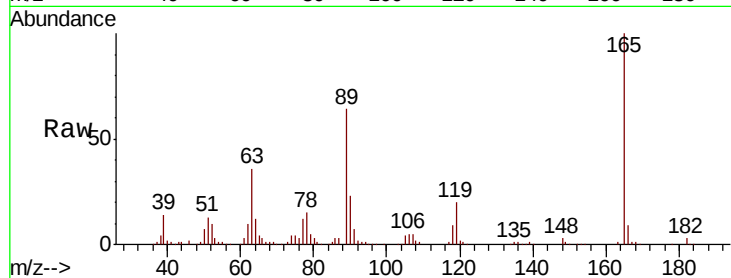




#57
2,4-Dinitrotoluene
Concen: 49.419 ng
RT: 14.91 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG044426.D
Acq: 13 Feb 2020 20:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	35.7	30.3	45.5
89	64.3	53.4	80.2
182	2.6	2.1	3.1



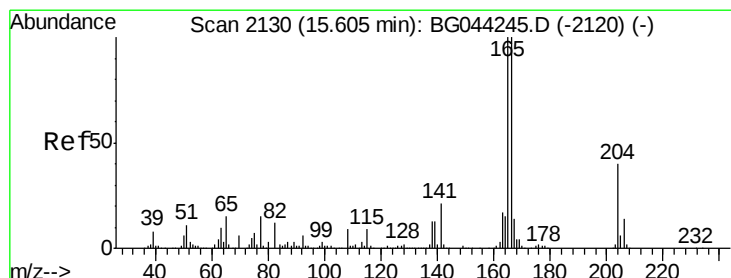
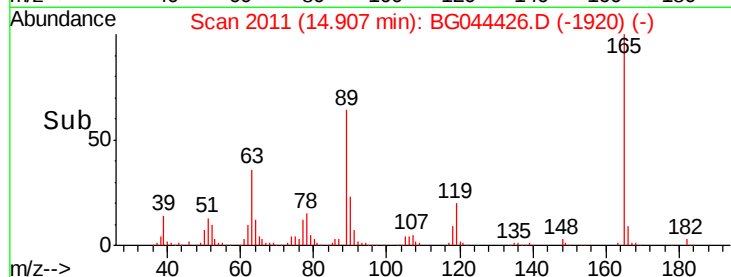
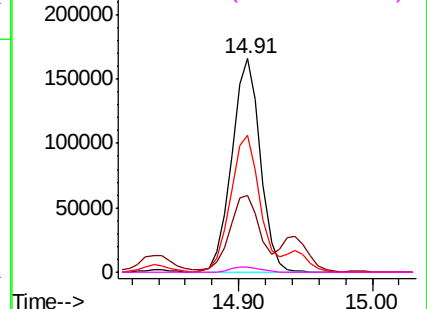
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

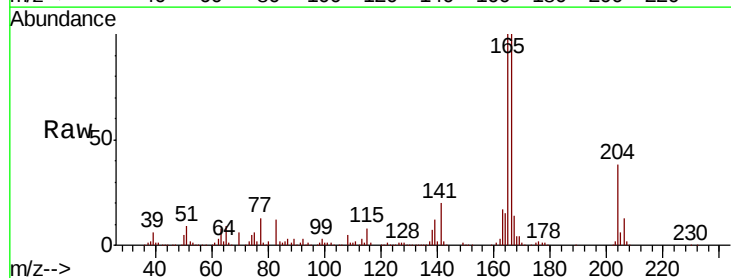
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 49.700 ng
RT: 15.59 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BG044426.D
Acq: 13 Feb 2020 20:38

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.9	119.9
167	14.4	11.4	17.0

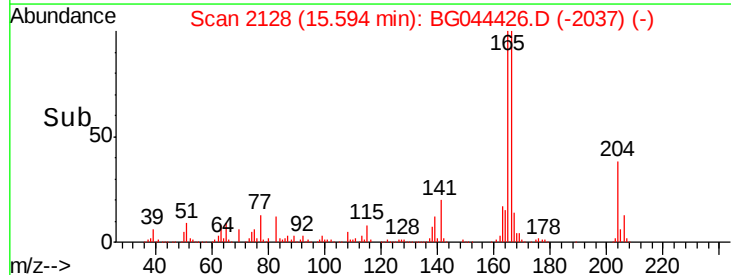
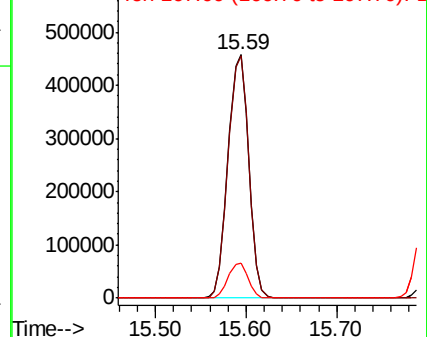


Abundance

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: 52.753 ng

RT: 15.18 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BG044426.D

Acq: 13 Feb 2020 20:38

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 210601

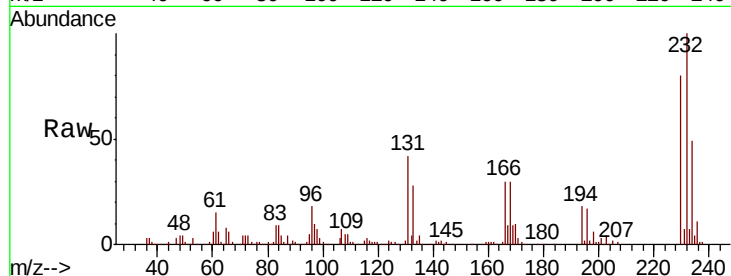
Ion Ratio Lower Upper

232 100

131 42.2 34.2 51.4

130 2.4 1.8 2.8

166 30.6 23.8 35.8

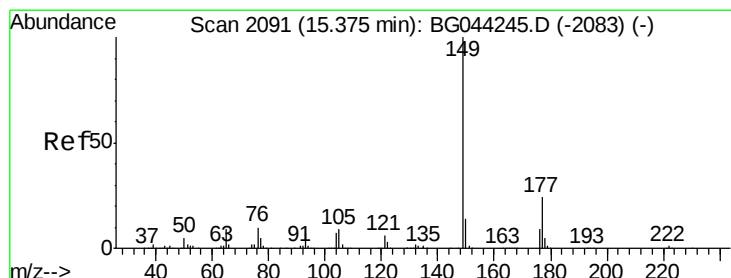
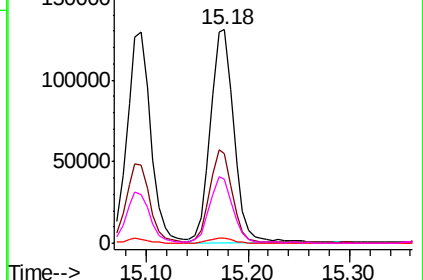
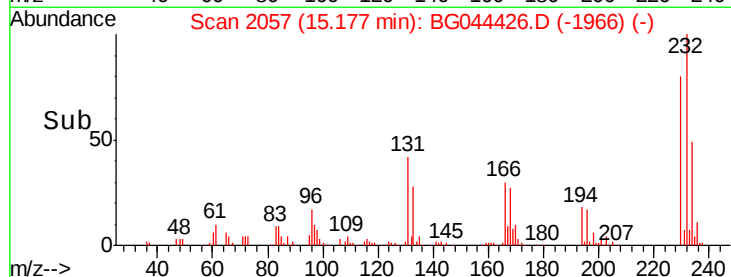


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 49.230 ng

RT: 15.37 min Scan# 2089

Delta R.T. -0.00 min

Lab File: BG044426.D

Acq: 13 Feb 2020 20:38

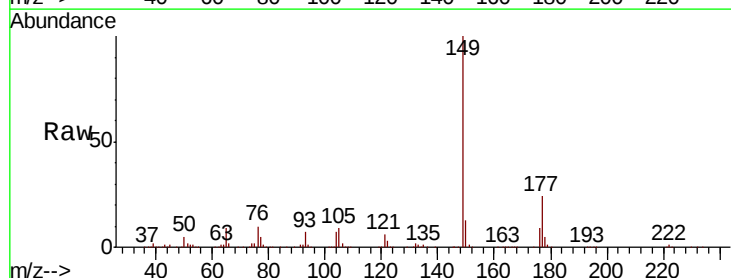
Tgt Ion:149 Resp: 789145

Ion Ratio Lower Upper

149 100

177 23.7 19.4 29.0

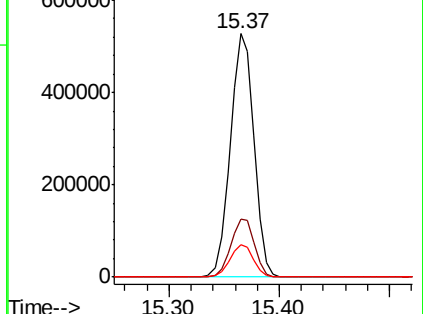
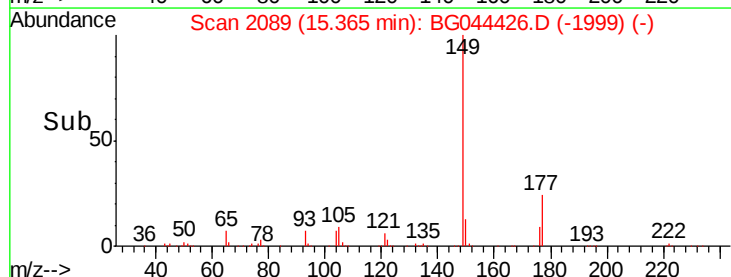
150 13.4 10.9 16.3



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

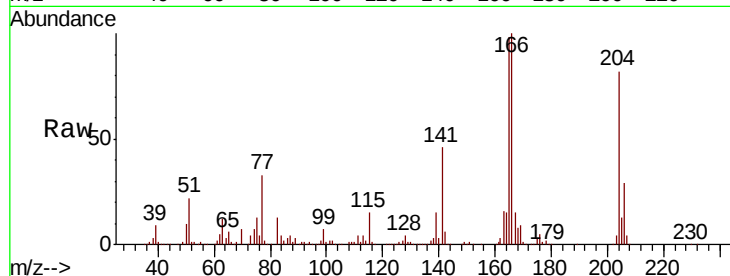




#61
 4-Chlorophenyl-phenylether
 Concen: 48.925 ng
 RT: 15.58 min Scan# 2126
 Delta R.T. -0.00 min
 Lab File: BG044426.D
 Acq: 13 Feb 2020 20:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.2	27.6	41.4
141	55.9	43.4	65.0

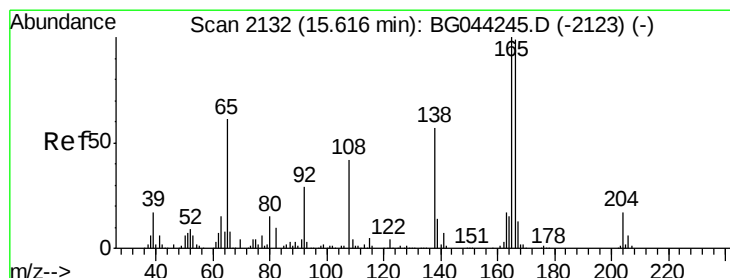
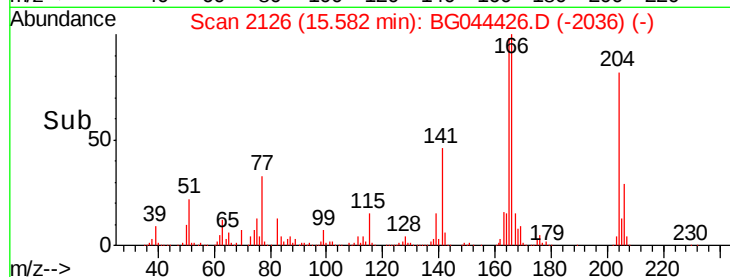
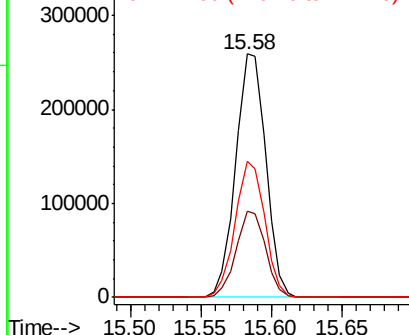


Abundance

Ion 204.00 (203.70 to 204.70): E

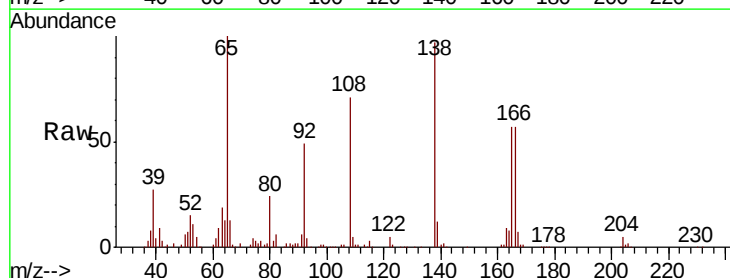
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 45.149 ng
 RT: 15.61 min Scan# 2131
 Delta R.T. 0.00 min
 Lab File: BG044426.D
 Acq: 13 Feb 2020 20:38

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.0	31.3	71.3
108	73.1	52.6	92.6

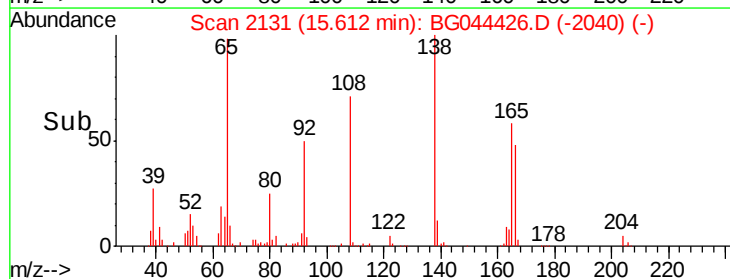
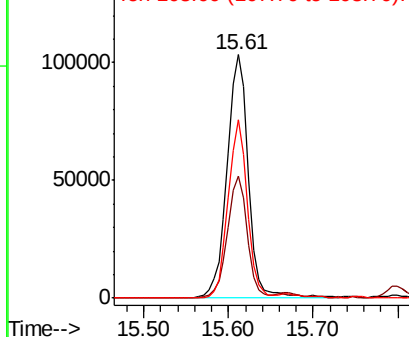


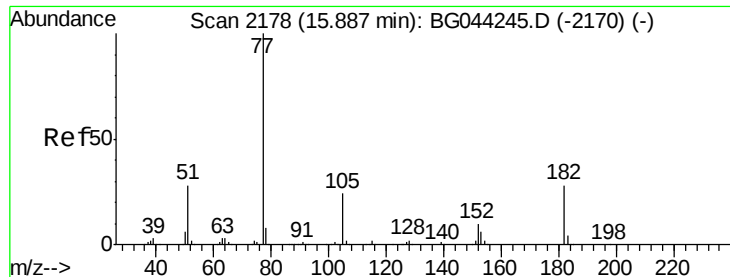
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

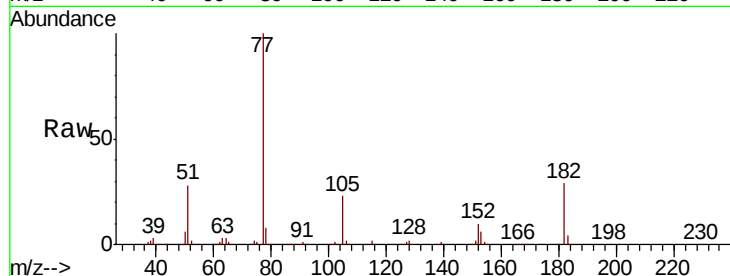




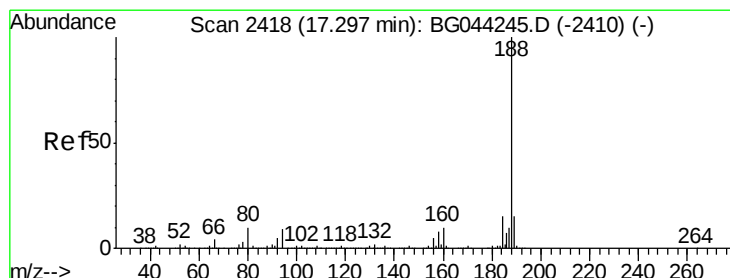
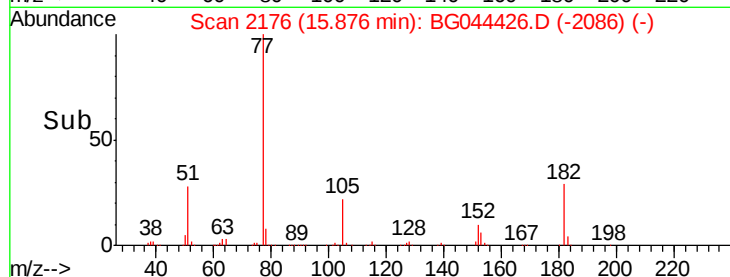
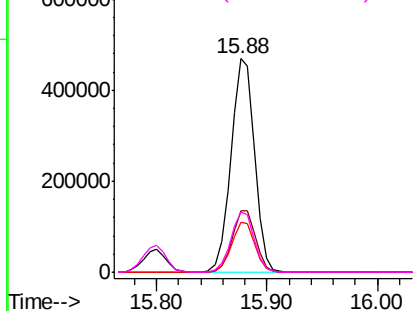
#63
Azobenzene
Concen: 49.909 ng
RT: 15.88 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BG044426.D
Acq: 13 Feb 2020 20:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	701168
Ion	Ratio	Lower	Upper
77	100		
182	28.8	8.2	48.2
105	23.4	3.6	43.6
51	28.1	8.3	48.3

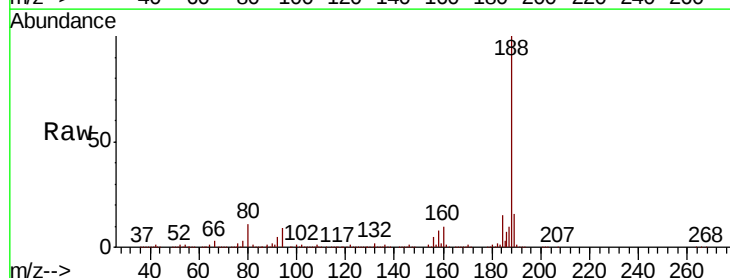


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

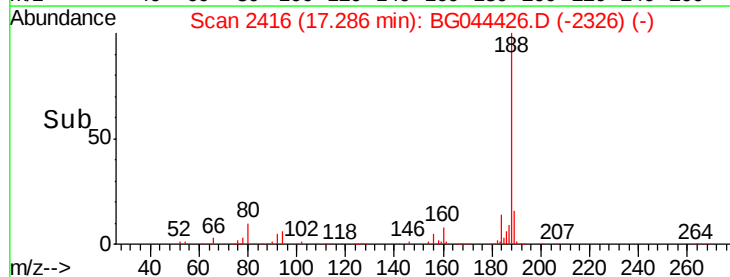
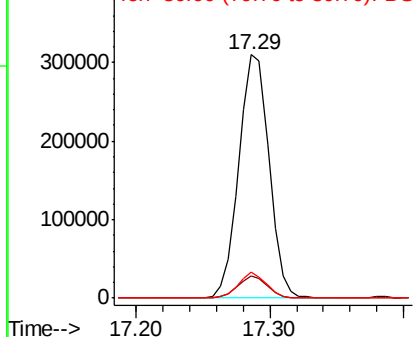


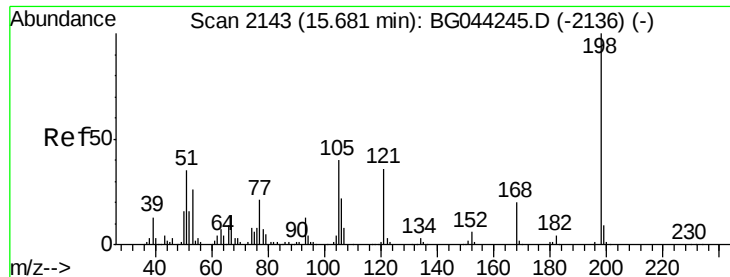
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG044426.D
Acq: 13 Feb 2020 20:38

Tgt Ion:	188	Resp:	485660
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.4	11.2
80	10.5	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: 54.700 ng

RT: 15.67 min Scan# 2141

Delta R.T. -0.00 min

Lab File: BG044426.D

Acq: 13 Feb 2020 20:38

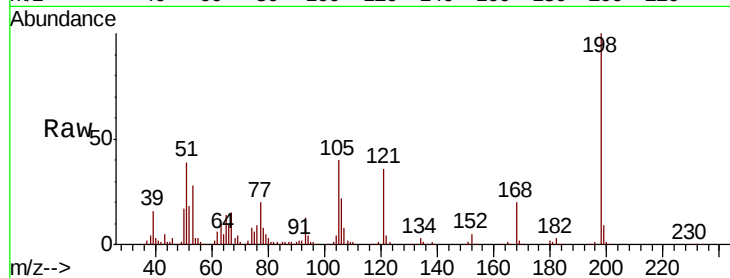
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 146643

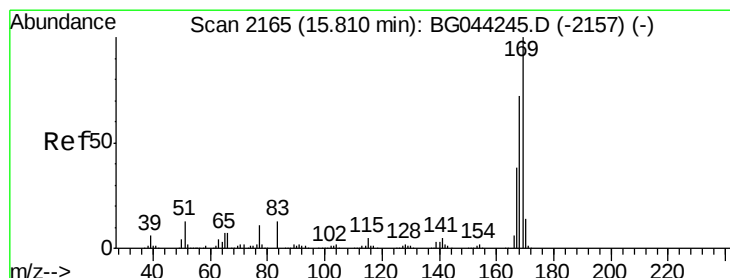
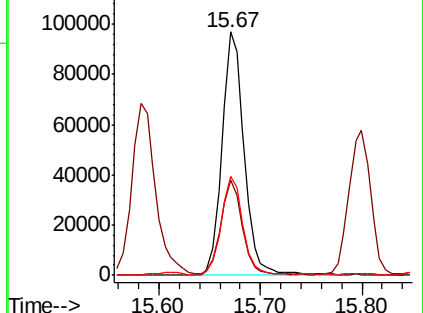
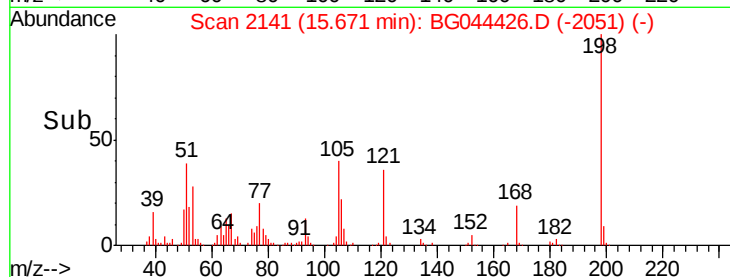
Ion	Ratio	Lower	Upper
198	100		
51	38.8	16.6	56.6
105	40.4	20.6	60.6



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: 50.582 ng

RT: 15.80 min Scan# 2163

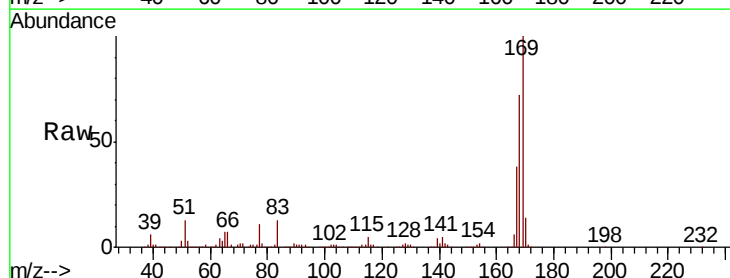
Delta R.T. -0.00 min

Lab File: BG044426.D

Acq: 13 Feb 2020 20:38

Tgt Ion:169 Resp: 688434

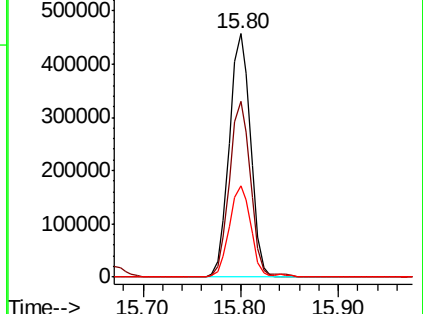
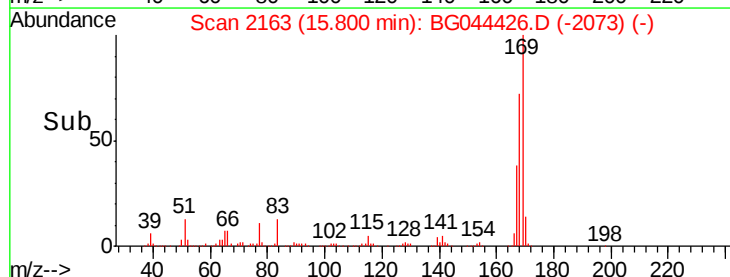
Ion	Ratio	Lower	Upper
169	100		
168	72.1	57.9	86.9
167	37.5	30.7	46.1

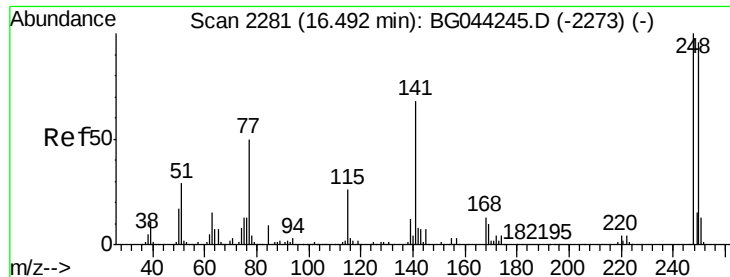


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

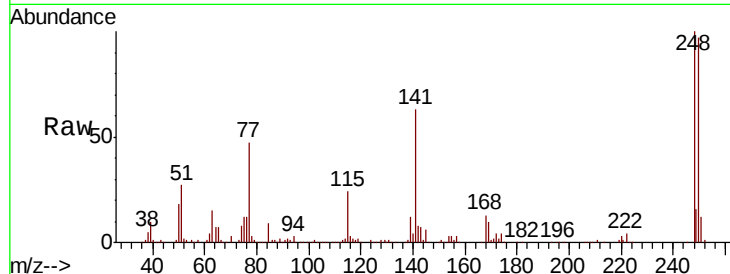




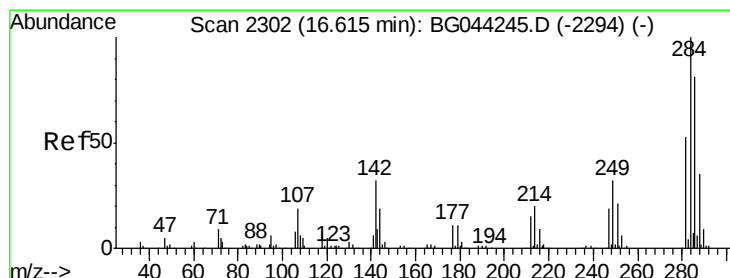
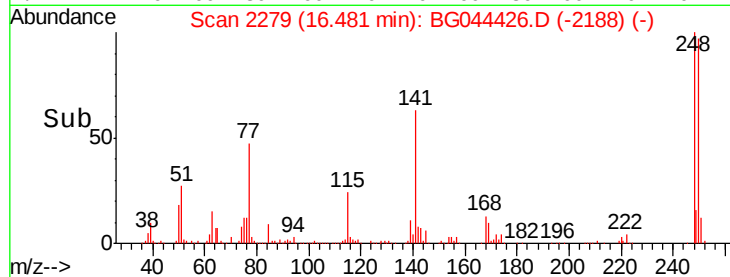
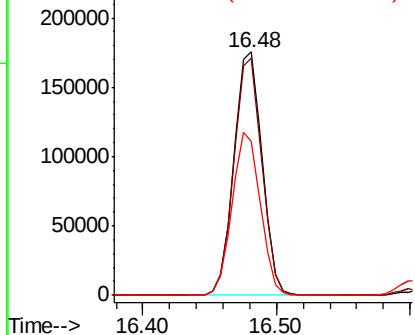
#67
 4-Bromophenyl-phenylether
 Concen: 48.698 ng
 RT: 16.48 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BG044426.D
 Acq: 13 Feb 2020 20:38

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 257670
 Ion Ratio Lower Upper
 248 100
 250 97.3 76.6 114.8
 141 63.4 54.7 82.1

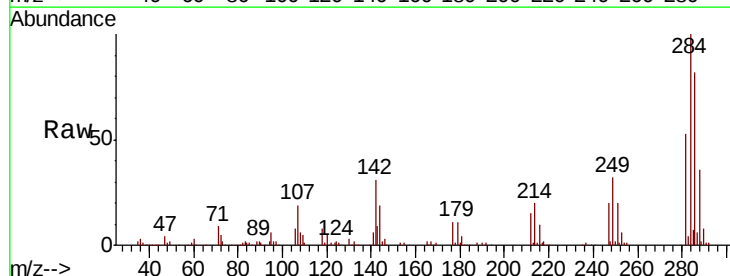


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

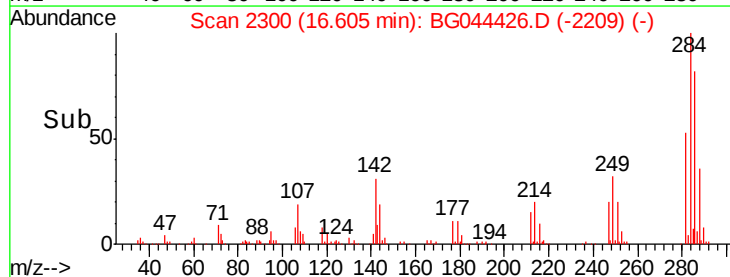
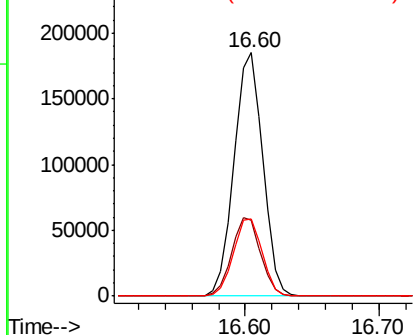


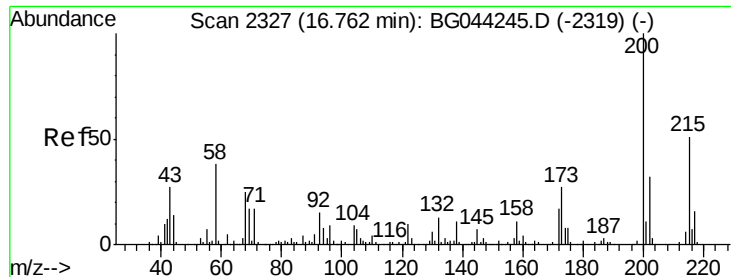
#68
 Hexachlorobenzene
 Concen: 46.630 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: BG044426.D
 Acq: 13 Feb 2020 20:38

Tgt Ion:284 Resp: 276416
 Ion Ratio Lower Upper
 284 100
 142 31.1 25.3 37.9
 249 31.6 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: 55.359 ng

RT: 16.75 min Scan# 2325

Delta R.T. -0.00 min

Lab File: BG044426.D

Acq: 13 Feb 2020 20:38

Instrument :

BNA_G

ClientSampleId :

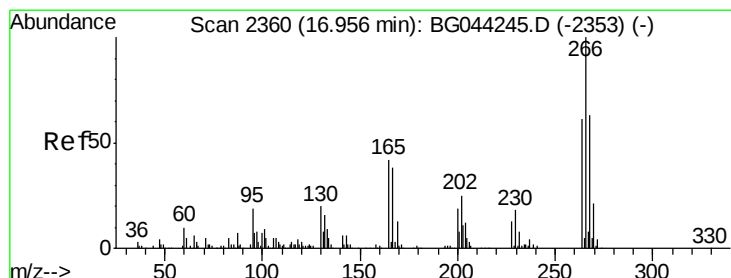
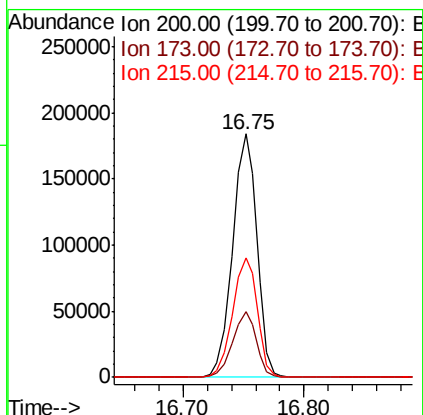
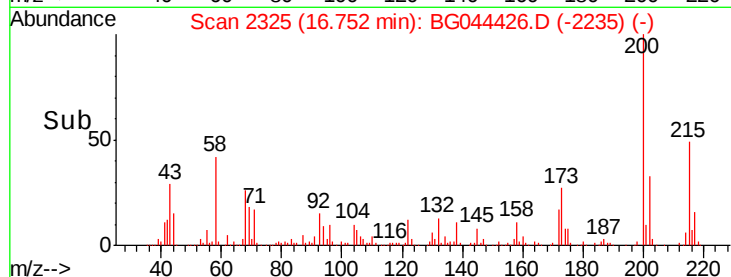
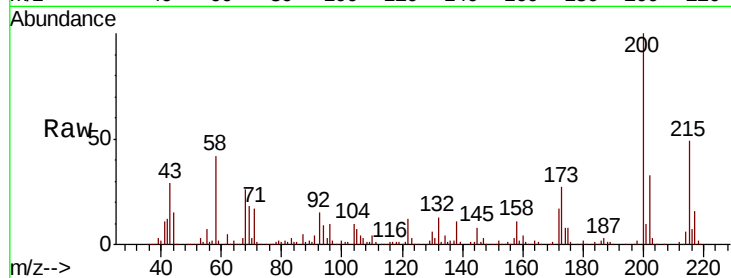
Tot Ion:200 Resp: 258246

Ion Ratio Lower Upper

200 100

173 26.9 6.6 46.6

215 49.2 31.0 71.0



#70

Pentachlorophenol

Concen: 95.777 ng

RT: 16.95 min Scan# 2358

Delta R.T. -0.00 min

Lab File: BG044426.D

Acq: 13 Feb 2020 20:38

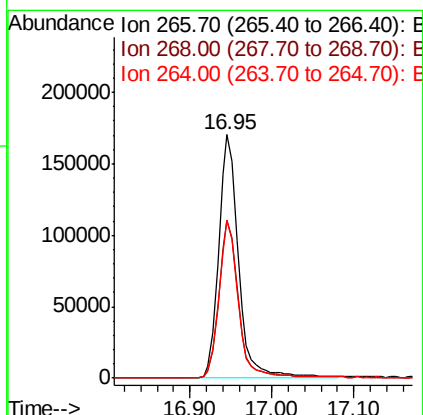
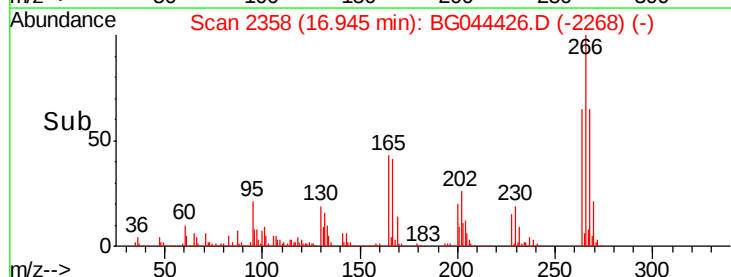
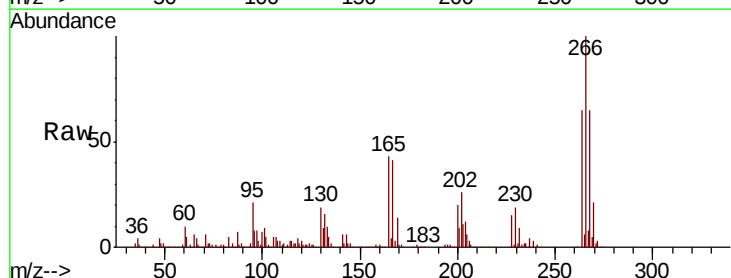
Tgt Ion:266 Resp: 289042

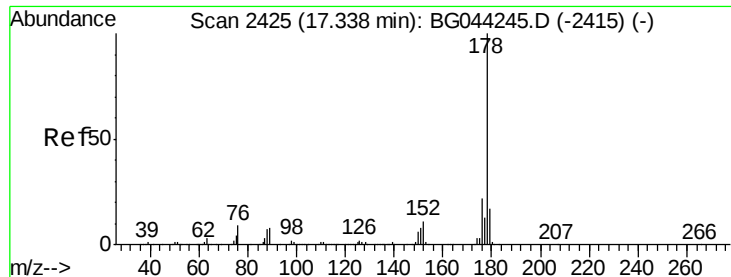
Ion Ratio Lower Upper

266 100

268 64.9 50.6 75.8

264 64.6 48.7 73.1

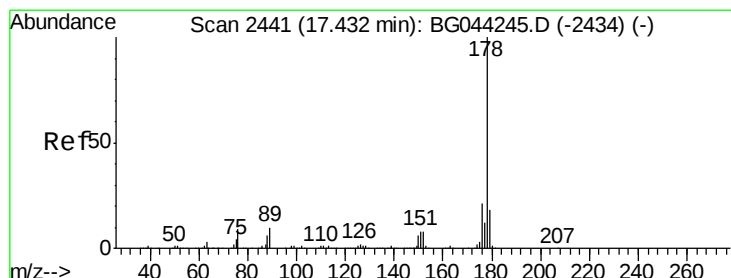
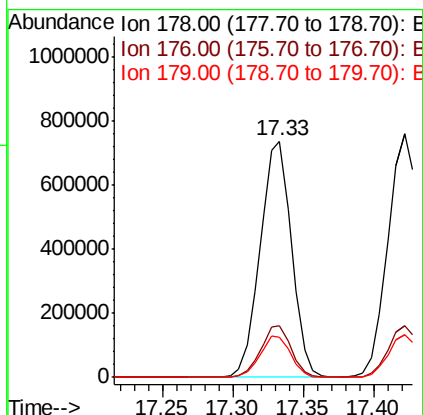
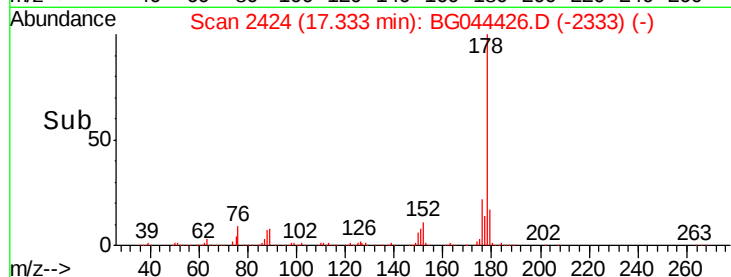
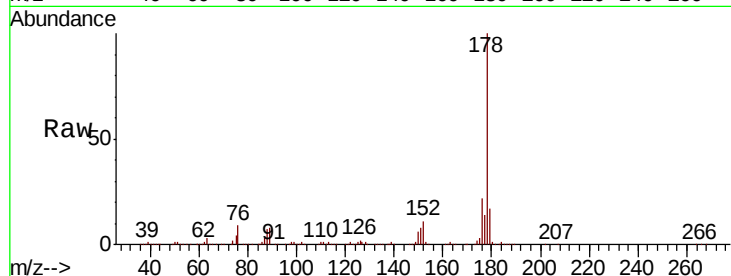




#71
Phenanthrene
Concen: 48.896 ng
RT: 17.33 min Scan# 2424
Delta R.T. 0.00 min
Lab File: BG044426.D
Acq: 13 Feb 2020 20:38

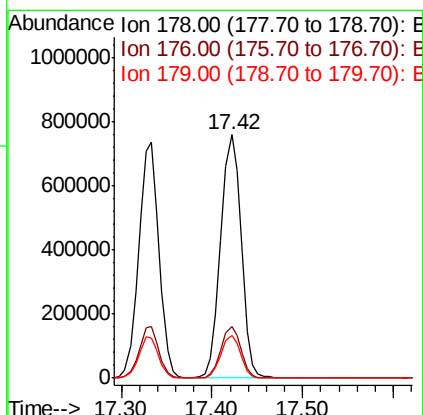
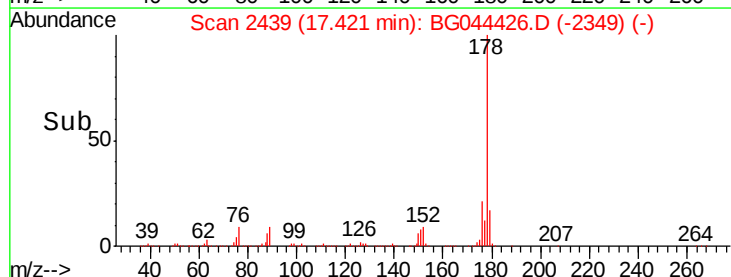
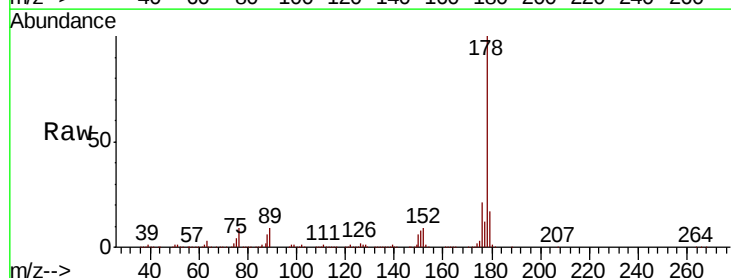
Instrument :
BNA_G
ClientSampleId :

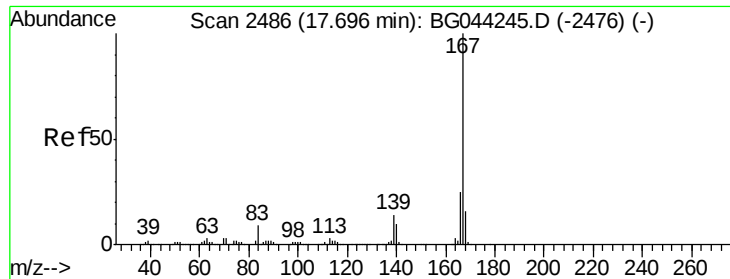
Tot Ion:178 Resp: 1149897
Ion Ratio Lower Upper
178 100
176 21.7 17.7 26.5
179 17.2 13.7 20.5



#72
Anthracene
Concen: 51.186 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG044426.D
Acq: 13 Feb 2020 20:38

Tgt Ion:178 Resp: 1190117
Ion Ratio Lower Upper
178 100
176 21.2 17.0 25.4
179 17.4 14.4 21.6



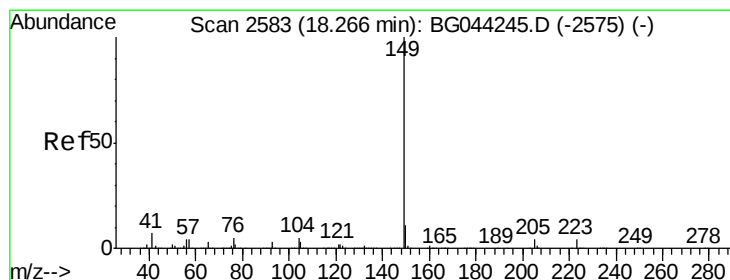
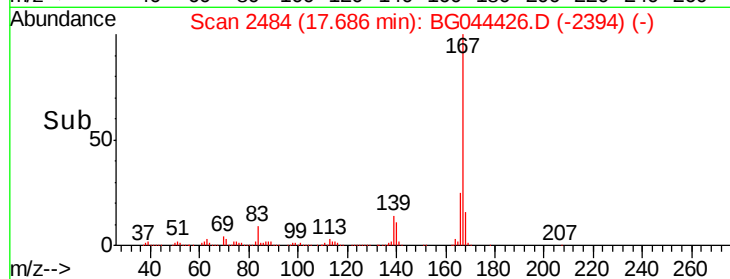
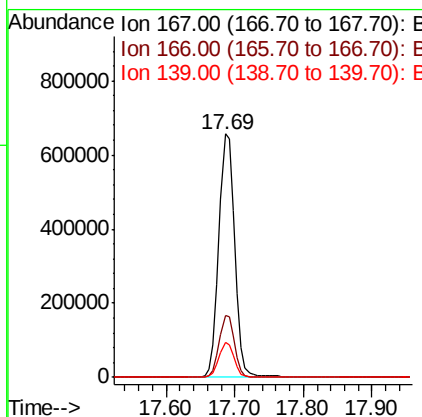
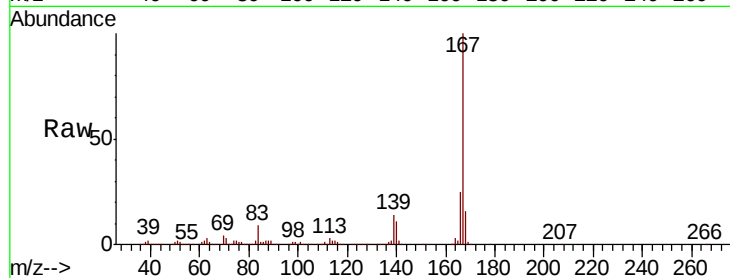


#73
 Carbazole
 Concen: 49.151 ng
 RT: 17.69 min Scan# 2484
 Delta R.T. -0.00 min
 Lab File: BG044426.D
 Acq: 13 Feb 2020 20:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 1053522

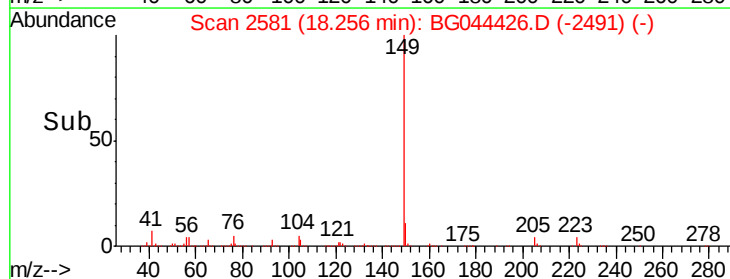
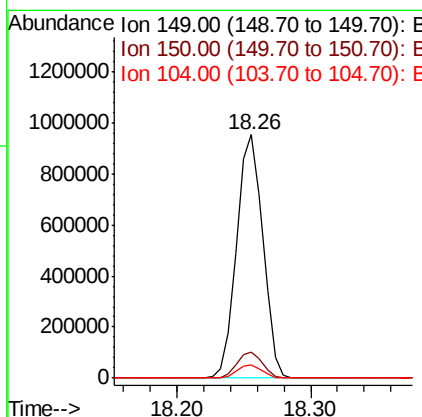
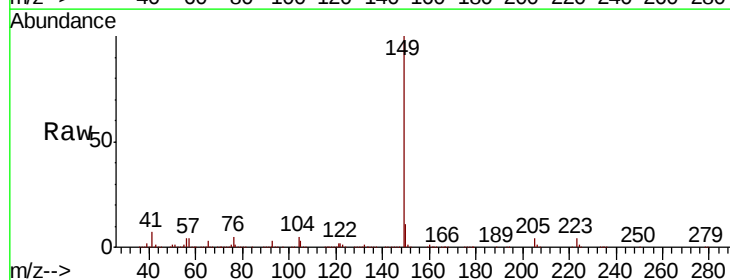
Ion	Ratio	Lower	Upper
167	100		
166	25.3	19.8	29.6
139	14.1	11.1	16.7

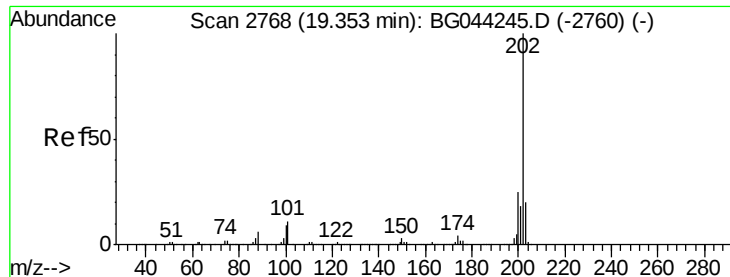


#74
 Di-n-butylphthalate
 Concen: 49.214 ng
 RT: 18.26 min Scan# 2581
 Delta R.T. -0.00 min
 Lab File: BG044426.D
 Acq: 13 Feb 2020 20:38

Tgt Ion:149 Resp: 1303564

Ion	Ratio	Lower	Upper
149	100		
150	10.9	8.7	13.1
104	5.4	4.3	6.5





#75

Fluoranthene

Concen: 49.104 ng

RT: 19.34 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG044426.D

Acq: 13 Feb 2020 20:38

Instrument :

BNA_G

ClientSampleId :

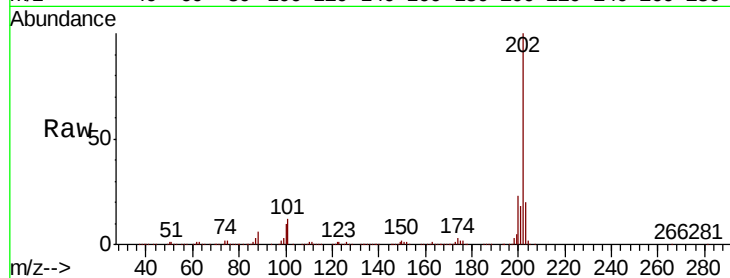
Tot Ion:202 Resp: 1335889

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.3
203	20.0	0.0	39.9

202 100

101 12.0 0.0 31.3

203 20.0 0.0 39.9

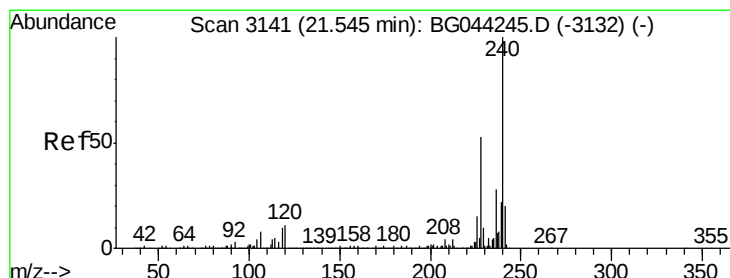
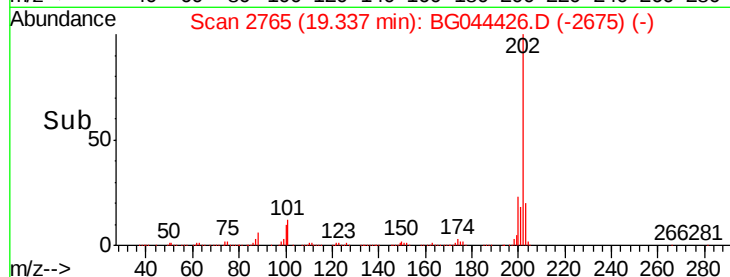
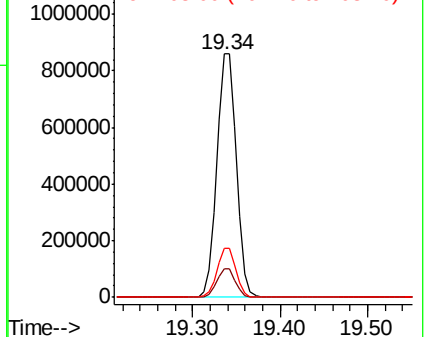


Abundance

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: BG044426.D

Acq: 13 Feb 2020 20:38

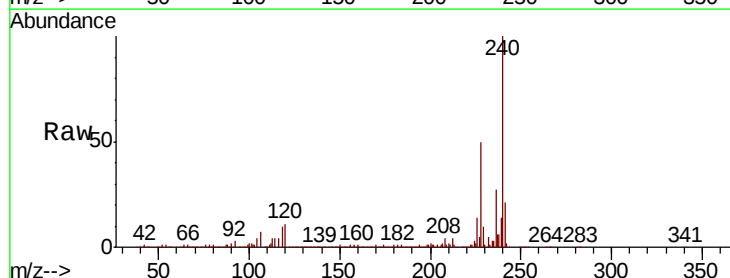
Tgt Ion:240 Resp: 451762

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.4	12.6
236	26.6	22.1	33.1

240 100

120 10.6 8.4 12.6

236 26.6 22.1 33.1

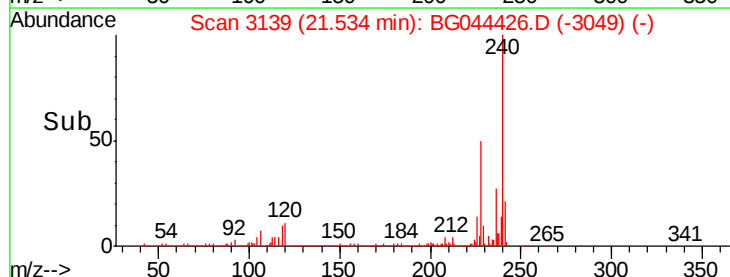
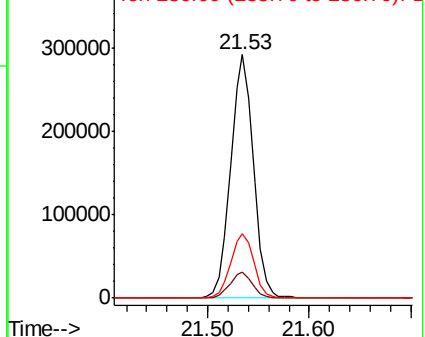


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.513 ng

RT: 19.52 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG044426.D

Acq: 13 Feb 2020 20:38

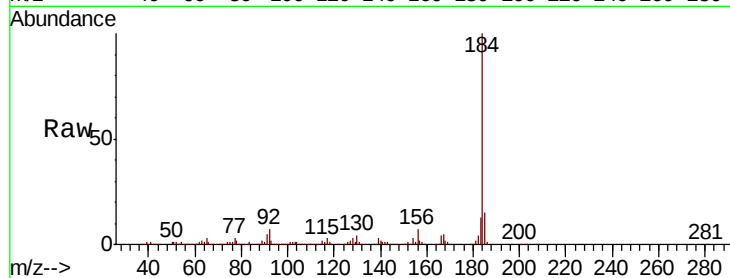
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 445009

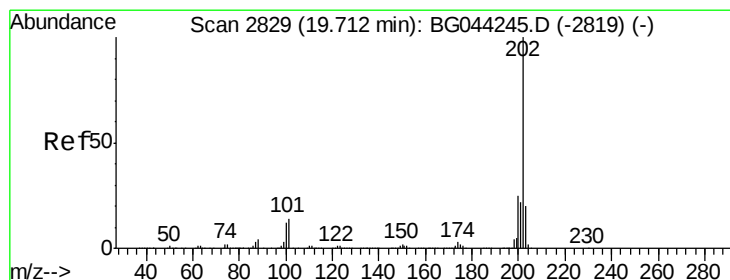
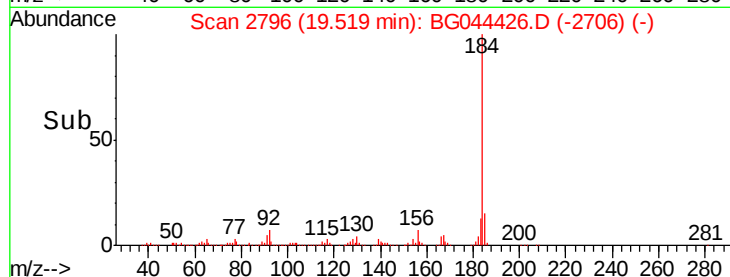
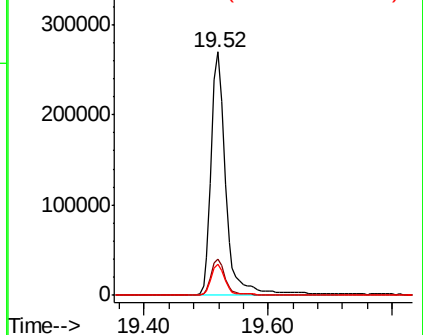
Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.9	19.3
183	12.9	10.8	16.2



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: 46.144 ng

RT: 19.70 min Scan# 2827

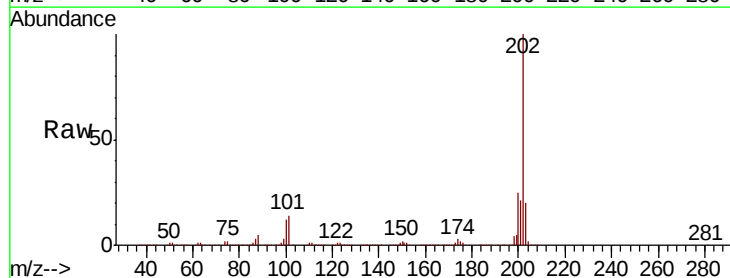
Delta R.T. -0.00 min

Lab File: BG044426.D

Acq: 13 Feb 2020 20:38

Tgt Ion:202 Resp: 1338731

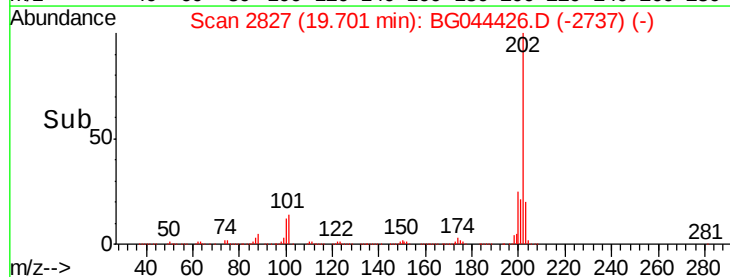
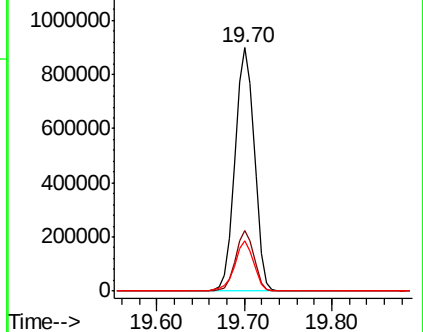
Ion	Ratio	Lower	Upper
202	100		
200	24.7	20.0	30.0
203	20.4	16.2	24.2

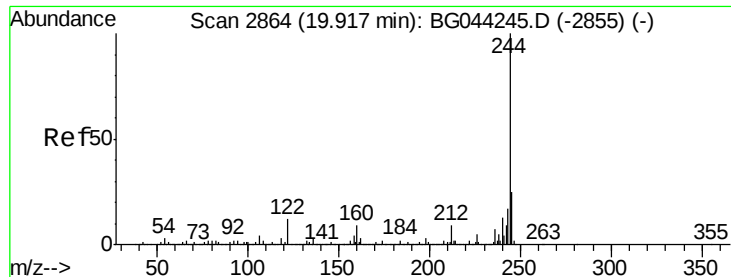


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

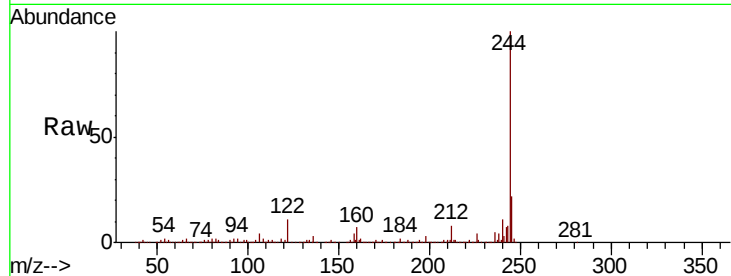




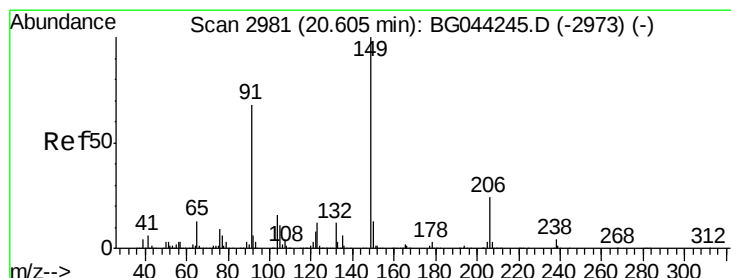
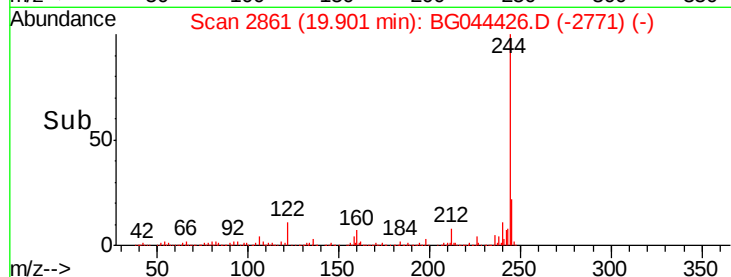
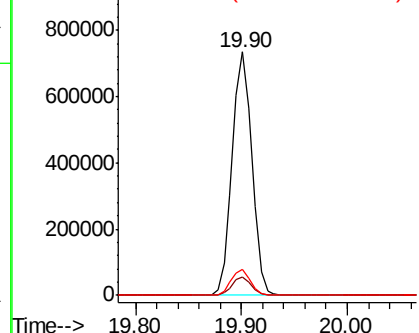
#79
 Terphenyl-d14
 Concen: 43.248 ng
 RT: 19.90 min Scan# 2861
 Delta R.T. -0.00 min
 Lab File: BG044426.D
 Acq: 13 Feb 2020 20:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	7.4	11.2
122	10.8	9.8	14.6

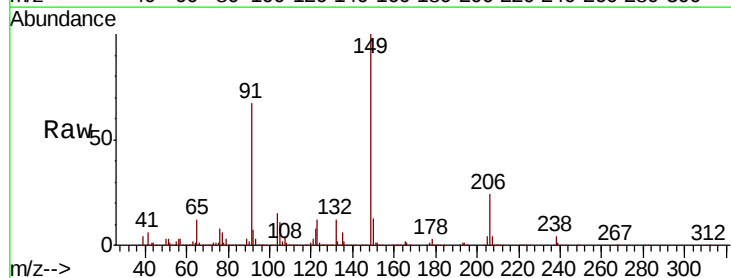


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

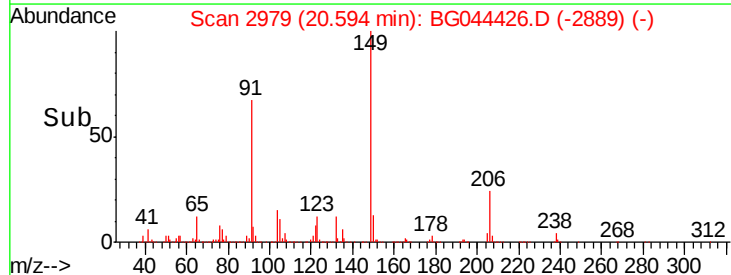
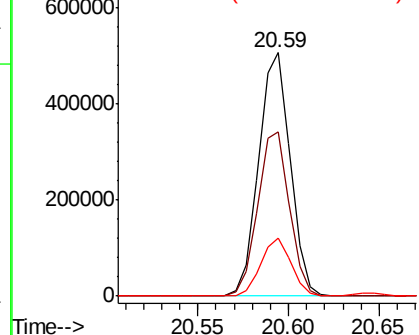


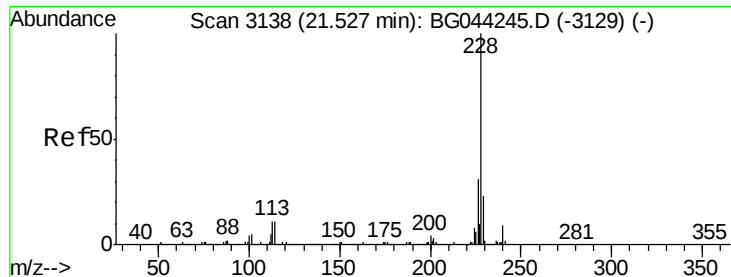
#80
 Butylbenzylphthalate
 Concen: 46.166 ng
 RT: 20.59 min Scan# 2979
 Delta R.T. -0.00 min
 Lab File: BG044426.D
 Acq: 13 Feb 2020 20:38

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.4	54.5	81.7
206	24.0	19.1	28.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BG
 Ion 206.00 (205.70 to 206.70): E

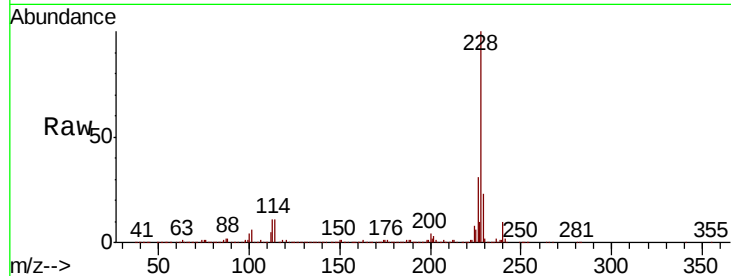




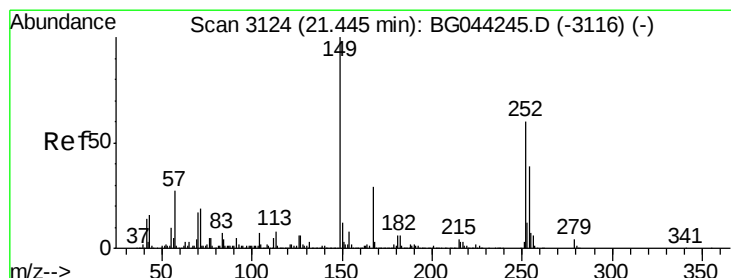
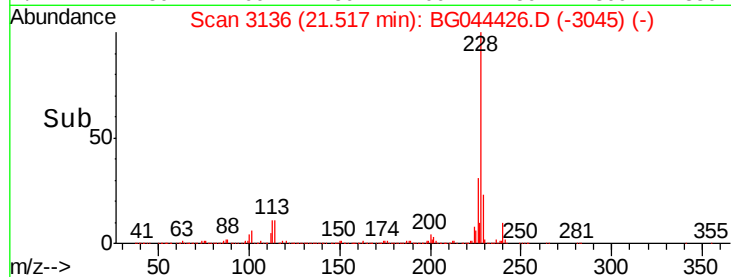
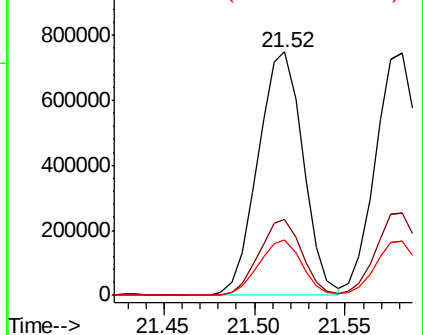
#81
Benzo(a)anthracene
Concen: 46.543 ng
RT: 21.52 min Scan# 3136
Delta R.T. 0.00 min
Lab File: BG044426.D
Acq: 13 Feb 2020 20:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 1295870
Ion Ratio Lower Upper
228 100
226 31.1 24.7 37.1
229 22.5 18.2 27.4

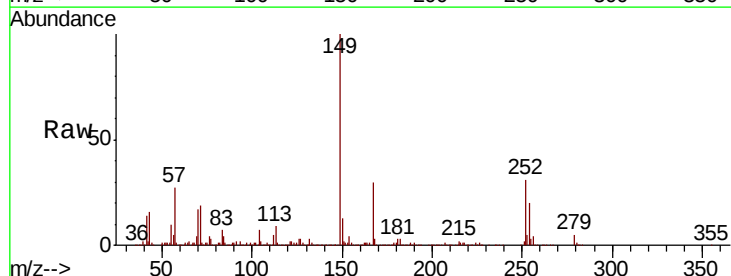


Abundance Ion 228.00 (227.70 to 228.70): E
1000000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

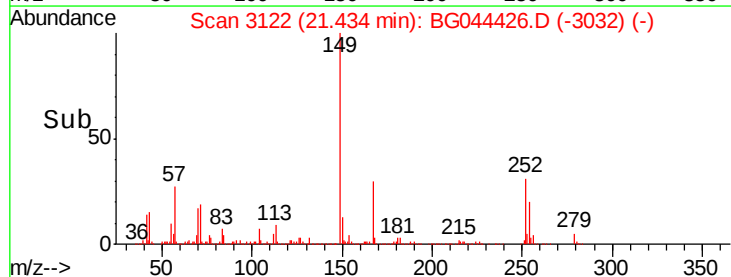
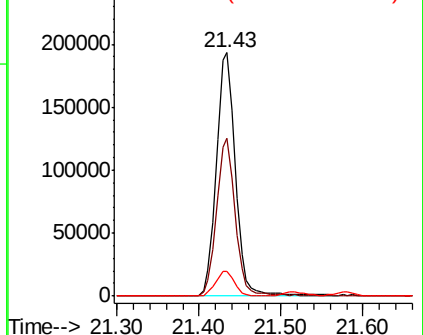


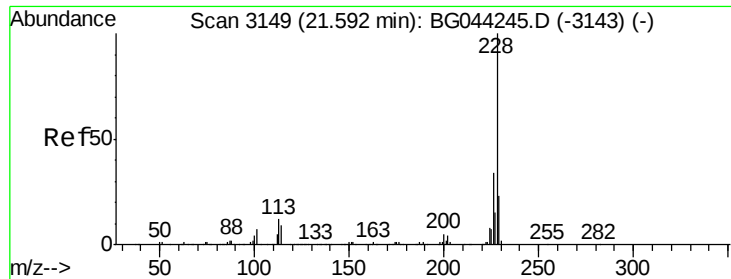
#82
3,3'-Dichlorobenzidine
Concen: 29.234 ng
RT: 21.43 min Scan# 3122
Delta R.T. -0.00 min
Lab File: BG044426.D
Acq: 13 Feb 2020 20:38

Tgt Ion:252 Resp: 315904
Ion Ratio Lower Upper
252 100
254 64.9 52.6 78.8
126 9.9 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E
250000 Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 46.015 ng

RT: 21.58 min Scan# 3147

Delta R.T. 0.00 min

Lab File: BG044426.D

Acq: 13 Feb 2020 20:38

Instrument :

BNA_G

ClientSampleId :

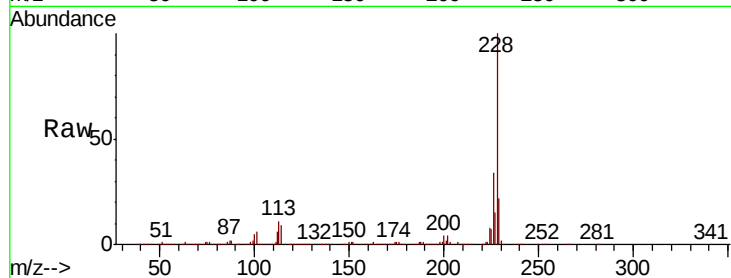
Tot Ion:228 Resp: 1238387

Ion Ratio Lower Upper

228 100

226 33.8 27.1 40.7

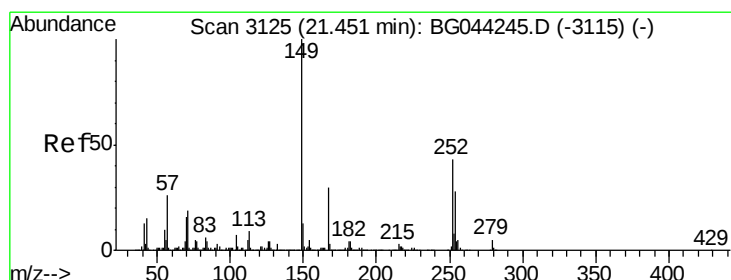
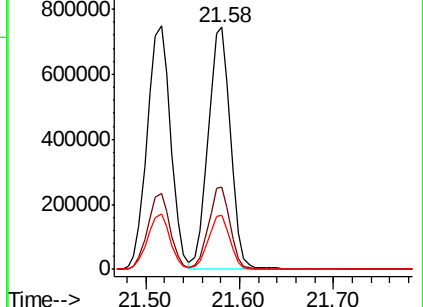
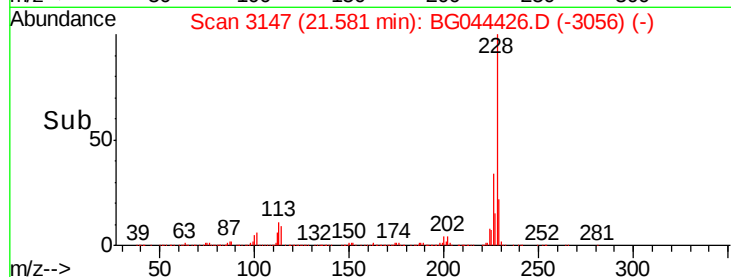
229 22.5 17.9 26.9



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: 46.952 ng

RT: 21.43 min Scan# 3122

Delta R.T. -0.00 min

Lab File: BG044426.D

Acq: 13 Feb 2020 20:38

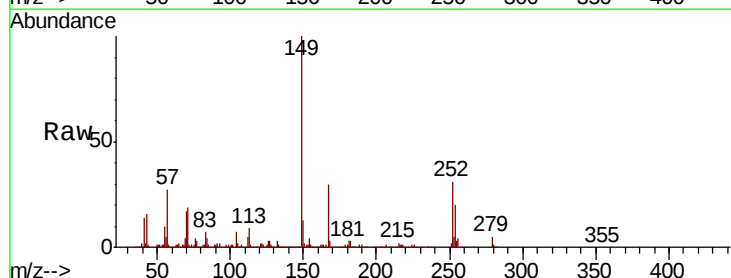
Tgt Ion:149 Resp: 854420

Ion Ratio Lower Upper

149 100

167 30.1 24.0 36.0

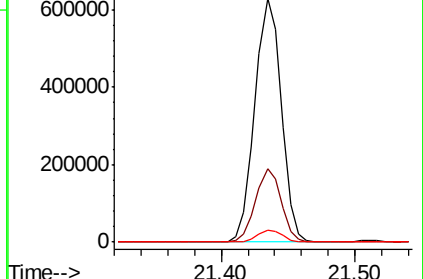
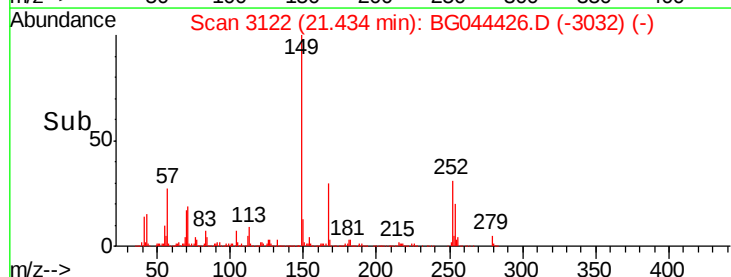
279 4.8 3.8 5.8



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: 47.453 ng

RT: 22.60 min Scan# 3321

Delta R.T. -0.00 min

Lab File: BG044426.D

Acq: 13 Feb 2020 20:38

Instrument :

BNA_G

ClientSampled :

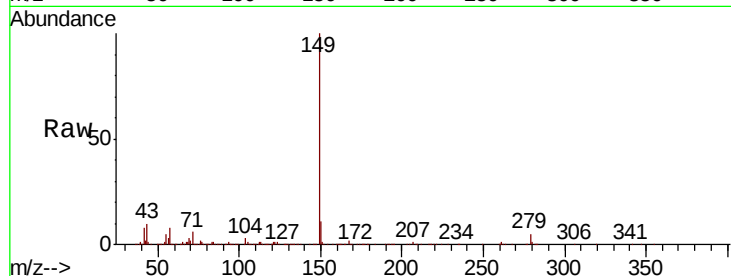
Tot Ion:149 Resp: 1494116

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

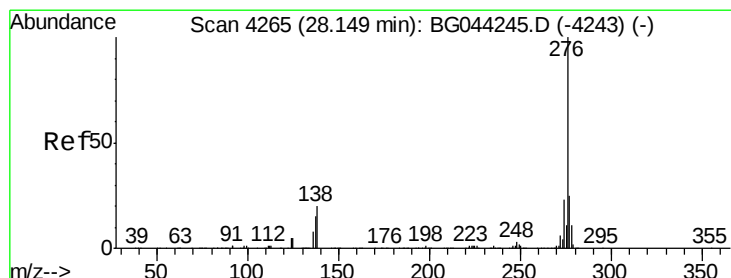
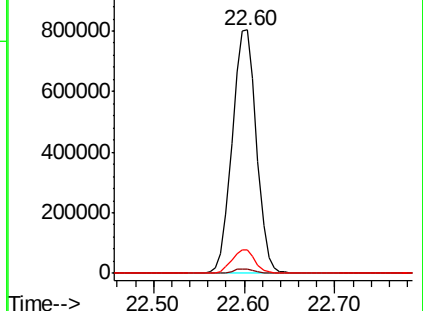
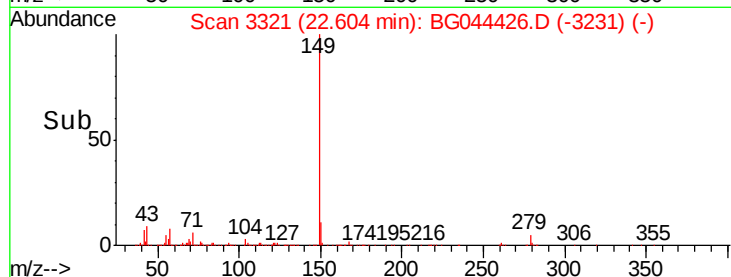
43 9.2 7.4 11.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.506 ng

RT: 28.12 min Scan# 4260

Delta R.T. 0.00 min

Lab File: BG044426.D

Acq: 13 Feb 2020 20:38

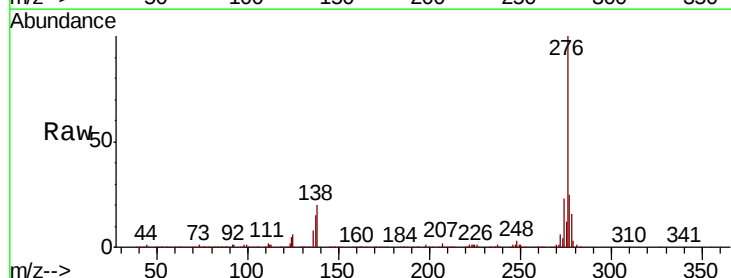
Tgt Ion:276 Resp: 1632893

Ion Ratio Lower Upper

276 100

138 24.4 19.4 29.0

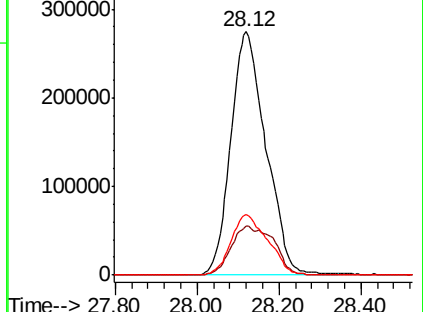
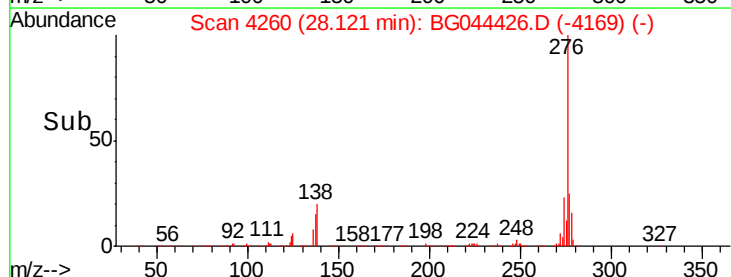
277 26.1 21.0 31.6

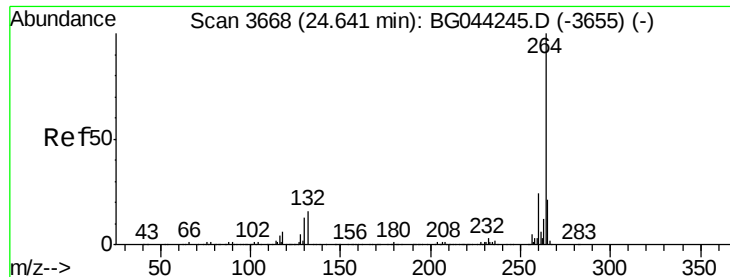


Abundance Ion 276.00 (275.70 to 276.70): E

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: BG044426.D

Acq: 13 Feb 2020 20:38

Instrument :

BNA_G

ClientSampleId :

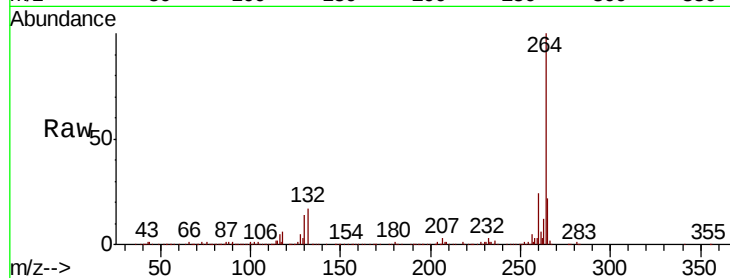
Tot Ion:264 Resp: 480699

Ion Ratio Lower Upper

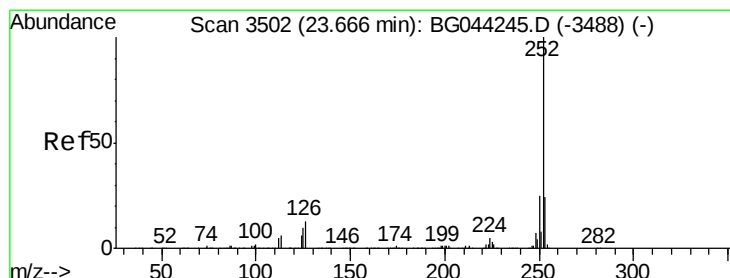
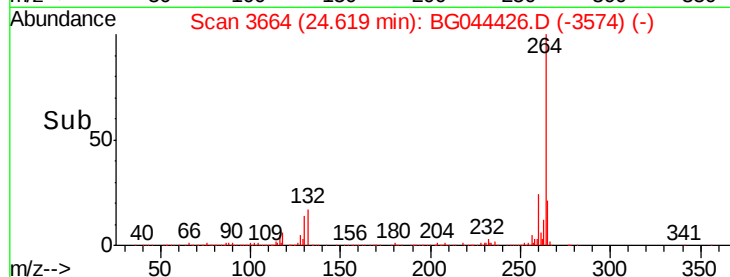
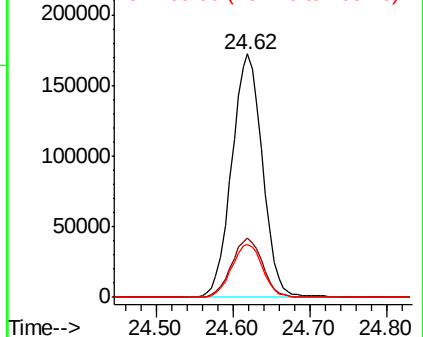
264 100

260 24.4 19.4 29.2

265 21.6 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 50.274 ng

RT: 23.64 min Scan# 3498

Delta R.T. -0.00 min

Lab File: BG044426.D

Acq: 13 Feb 2020 20:38

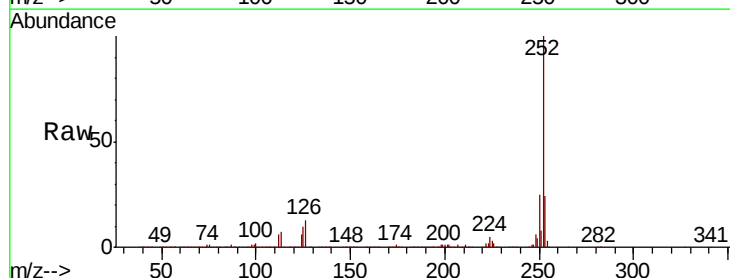
Tgt Ion:252 Resp: 1392580

Ion Ratio Lower Upper

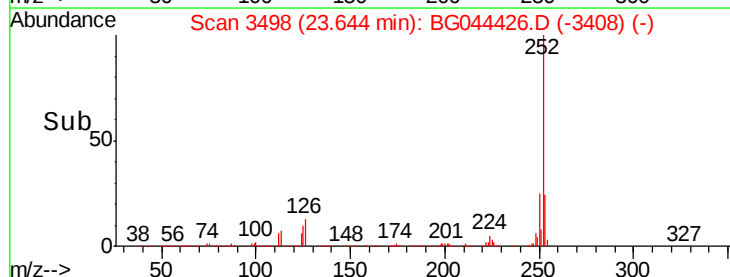
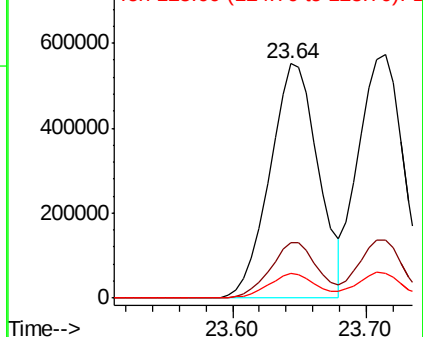
252 100

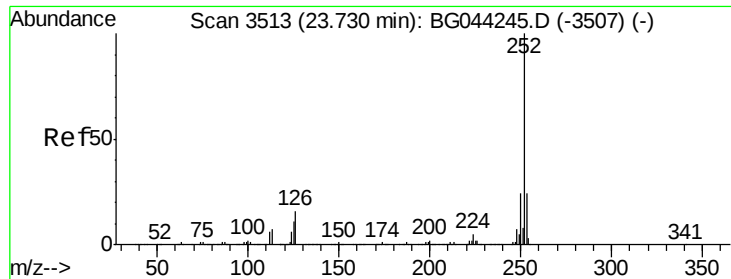
253 23.7 19.2 28.8

125 10.4 8.4 12.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 49.555 ng

RT: 23.71 min Scan# 3510

Delta R.T. 0.00 min

Lab File: BG044426.D

Acq: 13 Feb 2020 20:38

Instrument :

BNA_G

ClientSampleId :

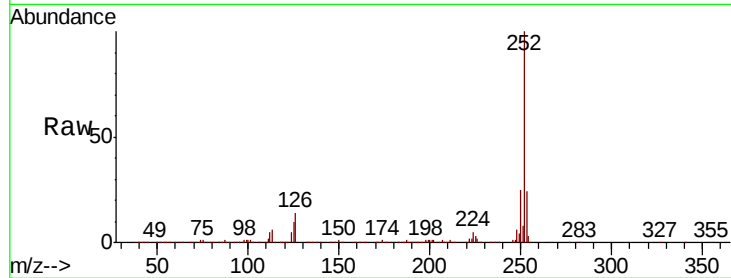
Tot Ion:252 Resp: 1337833

Ion Ratio Lower Upper

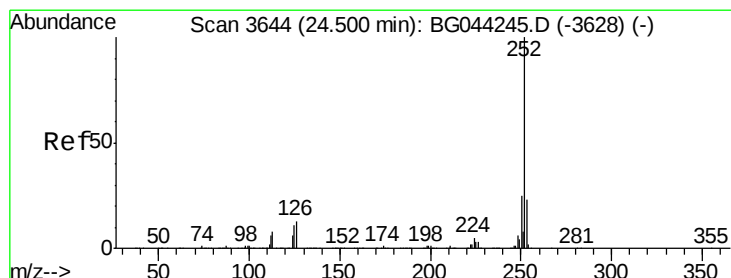
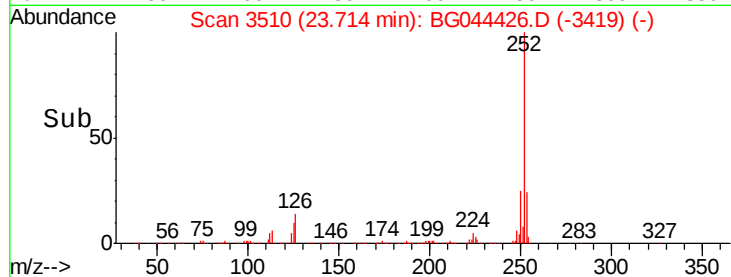
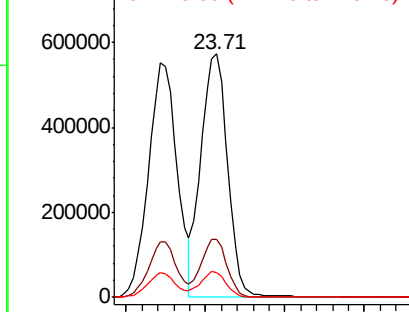
252 100

253 23.9 19.1 28.7

125 10.4 8.6 12.8



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



#90

Benzo(a)pyrene

Concen: 49.011 ng

RT: 24.48 min Scan# 3640

Delta R.T. 0.00 min

Lab File: BG044426.D

Acq: 13 Feb 2020 20:38

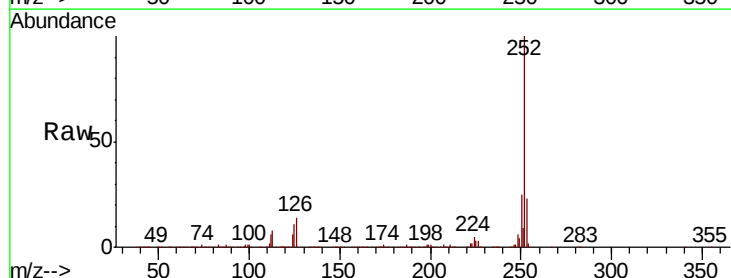
Tgt Ion:252 Resp: 1283583

Ion Ratio Lower Upper

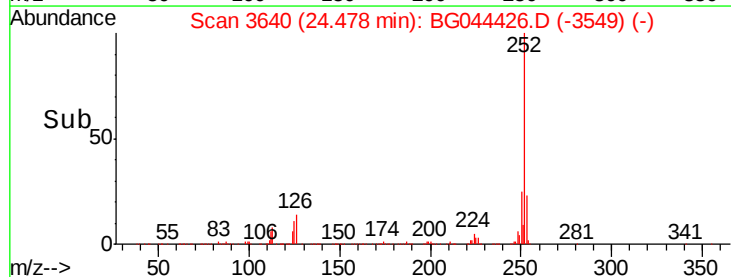
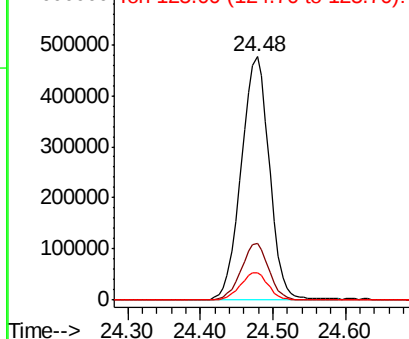
252 100

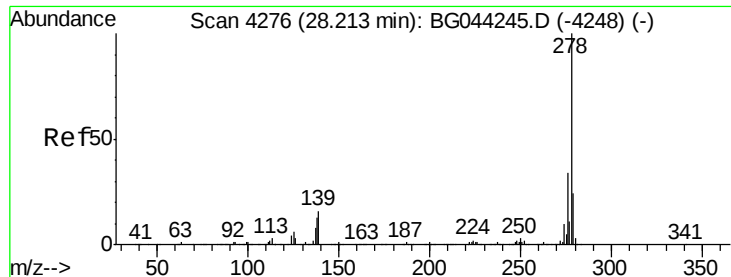
253 23.4 18.1 27.1

125 11.3 8.6 13.0



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

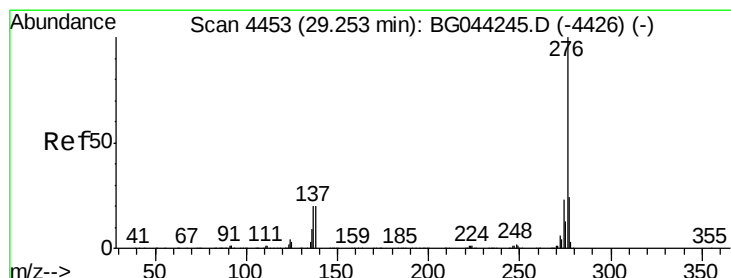
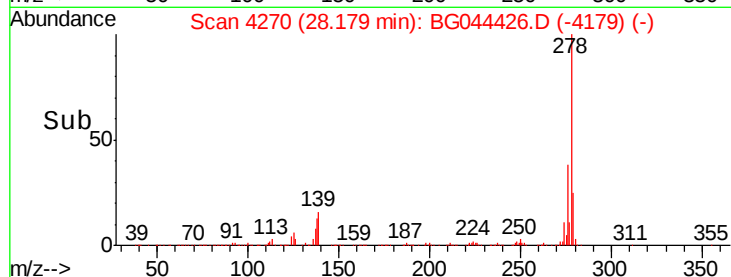
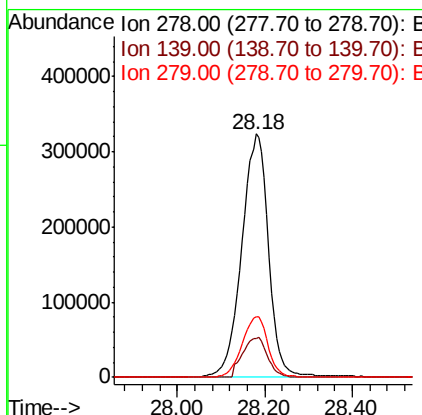
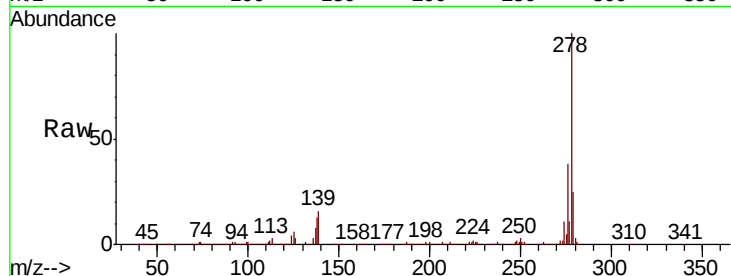




#91
Dibenzo(a,h)anthracene
Concen: 51.516 ng
RT: 28.18 min Scan# 4270
Delta R.T. 0.00 min
Lab File: BG044426.D
Acq: 13 Feb 2020 20:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1335238
Ion Ratio Lower Upper
278 100
139 16.1 12.7 19.1
279 24.6 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 52.590 ng
RT: 29.21 min Scan# 4446
Delta R.T. 0.01 min
Lab File: BG044426.D
Acq: 13 Feb 2020 20:38

Tgt Ion:276 Resp: 1364539
Ion Ratio Lower Upper
276 100
277 24.9 18.8 28.2
138 20.4 16.2 24.2

