

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021220\
 Data File : BG044405.D
 Acq On : 12 Feb 2020 12:27
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 13 01:03:16 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	7.91	152	81901	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	326328	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	206773	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	451534	20.00	ng	0.00
76) Chrysene-d12	21.53	240	423039	20.00	ng	0.00
87) Perylene-d12	24.62	264	451131	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	394692	85.05	ng	0.00
7) Phenol-d6	7.08	99	520871	83.58	ng	0.00
23) Nitrobenzene-d5	9.06	82	476897	82.51	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	210560	86.74	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	1072991	86.90	ng	0.00
79) Terphenyl-d14	19.90	244	1565097	76.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.38	88	88041	42.225	ng	99
3) Pyridine	3.77	79	248623	44.757	ng	97
4) n-Nitrosodimethylamine	3.69	42	95478	41.132	ng	97
6) Aniline	7.22	93	314868	40.706	ng	99
8) 2-Chlorophenol	7.47	128	213083	41.779	ng	99
9) Benzaldehyde	7.04	77	138149	38.924	ng	99
10) Phenol	7.10	94	258067	41.844	ng	99
11) bis(2-Chloroethyl)ether	7.32	93	213038	40.404	ng	99
12) 1,3-Dichlorobenzene	7.79	146	256074	42.052	ng	99
13) 1,4-Dichlorobenzene	7.94	146	252320	41.835	ng	98
14) 1,2-Dichlorobenzene	8.26	146	238708	41.873	ng	98
15) Benzyl Alcohol	8.14	79	177959	40.336	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.43	45	293331	41.103	ng	98
17) 2-Methylphenol	8.35	107	179111	40.704	ng	98
18) Hexachloroethane	8.99	117	94106	41.580	ng	97
19) n-Nitroso-di-n-propylamine	8.71	70	164650	39.644	ng	99
20) 3+4-Methylphenols	8.68	107	246653	40.673	ng	97
22) Acetophenone	8.72	105	326162	41.086	ng	# 98
24) Nitrobenzene	9.10	77	231925	41.100	ng	97
25) Isophorone	9.63	82	434226	40.305	ng	99
26) 2-Nitrophenol	9.82	139	123560	42.199	ng	98
27) 2,4-Dimethylphenol	9.88	122	170194	41.177	ng	99
28) bis(2-Chloroethoxy)methane	10.11	93	293603	40.852	ng	99
29) 2,4-Dichlorophenol	10.36	162	211999	42.419	ng	97
30) 1,2,4-Trichlorobenzene	10.57	180	241109	42.074	ng	99
31) Naphthalene	10.76	128	662878	41.868	ng	100
32) Benzoic acid	10.04	122	75568	33.733	ng	93
33) 4-Chloroaniline	10.86	127	294672	40.923	ng	99
34) Hexachlorobutadiene	11.05	225	148058	41.988	ng	98
35) Caprolactam	11.63	113	75049	40.993	ng	99
36) 4-Chloro-3-methylphenol	12.00	107	218909	41.777	ng	99
37) 2-Methylnaphthalene	12.37	142	488339	41.542	ng	100
38) 1-Methylnaphthalene	12.58	142	460696	41.569	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	263052	42.529	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021220\
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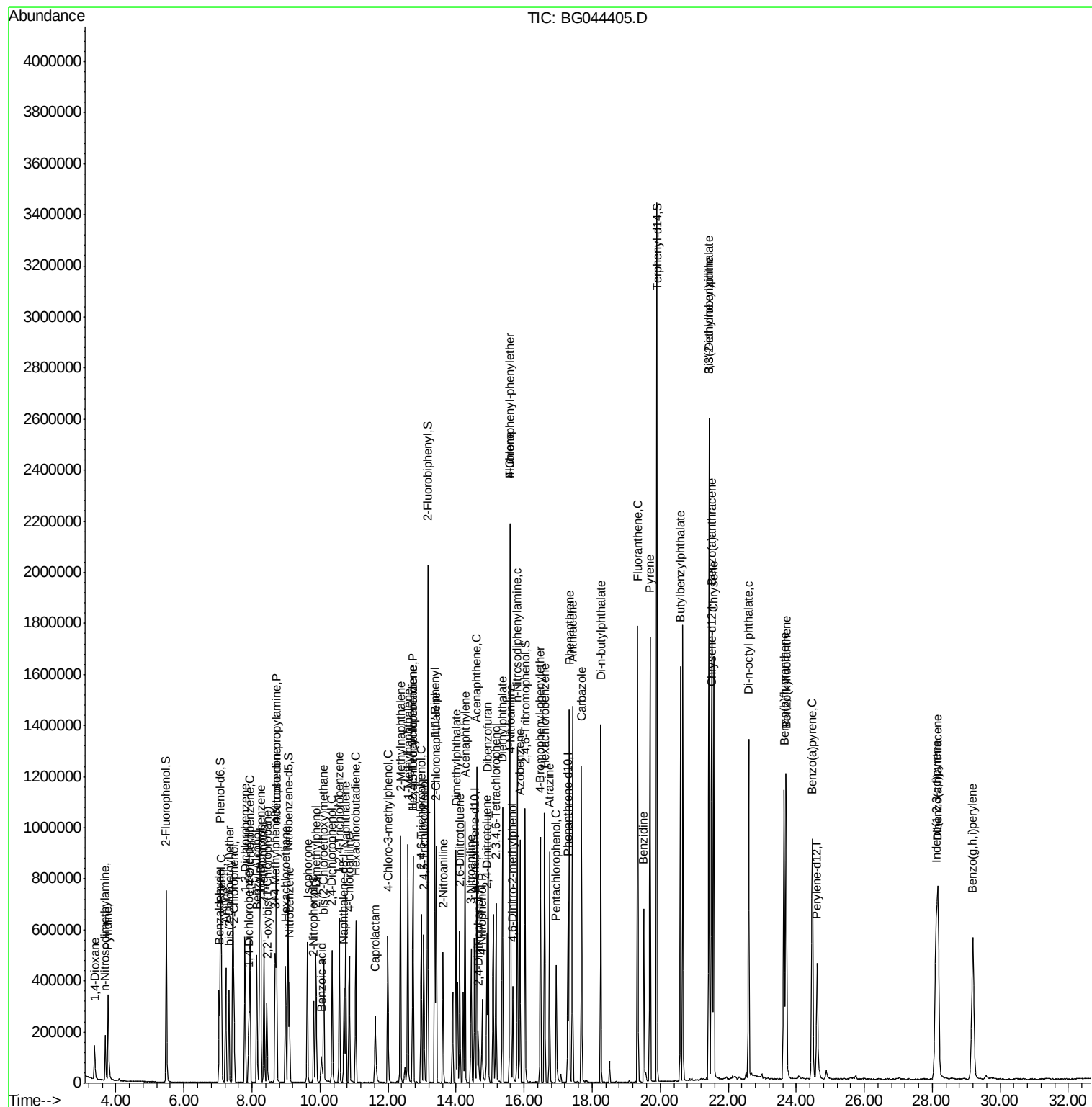
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.72	237	98012	33.024	ng	99
43) 2,4,6-Trichlorophenol	12.98	196	169517	42.401	ng	99
44) 2,4,5-Trichlorophenol	13.05	196	176970	43.337	ng	99
46) 1,1'-Biphenyl	13.38	154	632171	42.386	ng	99
47) 2-Chloronaphthalene	13.42	162	503556	42.428	ng	99
48) 2-Nitroaniline	13.62	65	145538	41.551	ng	97
49) Acenaphthylene	14.26	152	747082	42.917	ng	99
50) Dimethylphthalate	14.00	163	627680	42.230	ng	100
51) 2,6-Dinitrotoluene	14.11	165	139185	41.998	ng	99
52) Acenaphthene	14.60	154	476791	42.257	ng	98
53) 3-Nitroaniline	14.45	138	156124	42.581	ng	97
54) 2,4-Dinitrophenol	14.65	184	58904	34.762	ng	96
55) Dibenzofuran	14.94	168	734239	42.980	ng	99
56) 4-Nitrophenol	14.76	139	111442	41.494	ng	99
57) 2,4-Dinitrotoluene	14.90	165	195036	41.989	ng	98
58) Fluorene	15.59	166	579539	43.071	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.17	232	157376	42.666	ng	99
60) Diethylphthalate	15.36	149	630473	42.570	ng	99
61) 4-Chlorophenyl-phenylether	15.59	204	310856	42.609	ng	100
62) 4-Nitroaniline	15.61	138	157013	42.857	ng	96
63) Azobenzene	15.88	77	548557	42.261	ng	99
65) 4,6-Dinitro-2-methylphenol	15.67	198	100885	40.476	ng	98
66) n-Nitrosodiphenylamine	15.80	169	529098	41.813	ng	98
67) 4-Bromophenyl-phenylether	16.48	248	206975	42.073	ng	99
68) Hexachlorobenzene	16.60	284	233614	42.388	ng	98
69) Atrazine	16.75	200	174769	40.296	ng	99
70) Pentachlorophenol	16.94	266	100198	37.682	ng	96
71) Phenanthrene	17.33	178	941058	43.040	ng	99
72) Anthracene	17.42	178	926778	42.873	ng	99
73) Carbazole	17.69	167	845792	42.442	ng	99
74) Di-n-butylphthalate	18.25	149	1073894	43.607	ng	99
75) Fluoranthene	19.34	202	1088212	43.023	ng	100
77) Benzidine	19.52	184	448383	38.212	ng	98
78) Pyrene	19.70	202	1093431	40.247	ng	98
80) Butylbenzylphthalate	20.59	149	484122	39.103	ng	99
81) Benzo(a)anthracene	21.51	228	1051692	40.338	ng	98
82) 3,3'-Dichlorobenzidine	21.43	252	399447	39.475	ng	100
83) Chrysene	21.58	228	1015687	40.303	ng	99
84) Bis(2-ethylhexyl)phthalate	21.44	149	677227	39.741	ng	99
85) Di-n-octyl phthalate	22.60	149	1179047	39.989	ng	99
86) Indeno(1,2,3-cd)pyrene	28.12	276	1284506	39.068	ng	99
88) Benzo(b)fluoranthene	23.64	252	1132441	43.563	ng	99
89) Benzo(k)fluoranthene	23.71	252	1068876	42.187	ng	100
90) Benzo(a)pyrene	24.47	252	1047568	42.621	ng	99
91) Dibenzo(a,h)anthracene	28.16	278	1039283	42.725	ng	100
92) Benzo(g,h,i)perylene	29.19	276	1039578	42.692	ng	99

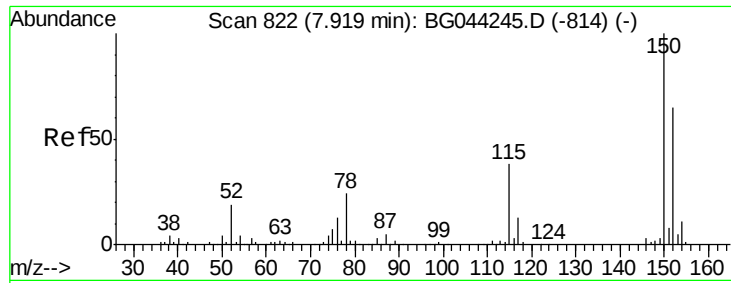
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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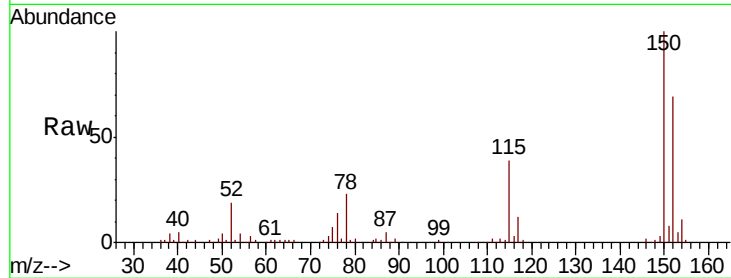


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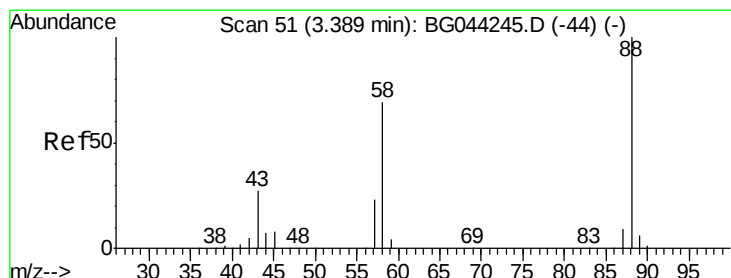
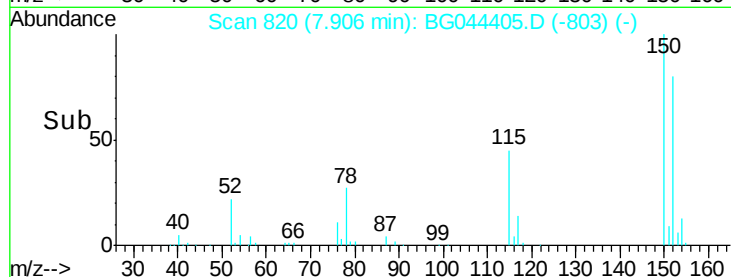
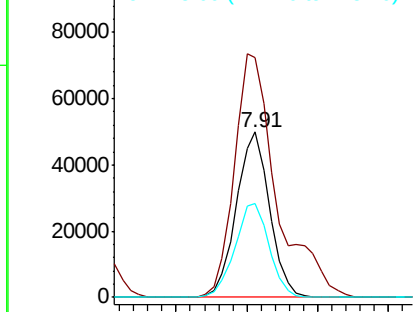
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 820
Delta R.T. 0.00 min
Lab File: BG044405.D
Acq: 12 Feb 2020 12:27

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.3	122.6	183.8
115	56.8	46.0	69.0



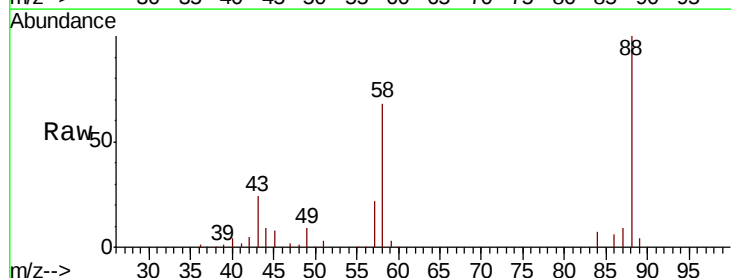
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



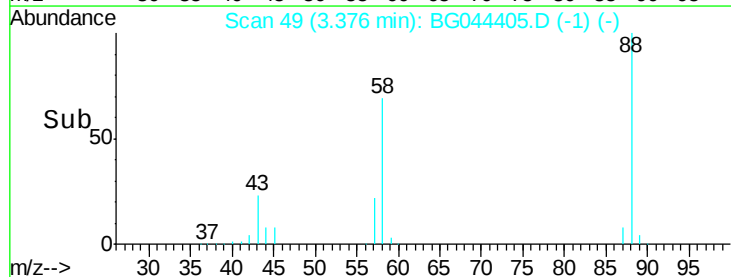
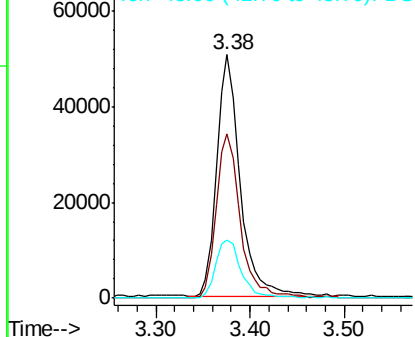
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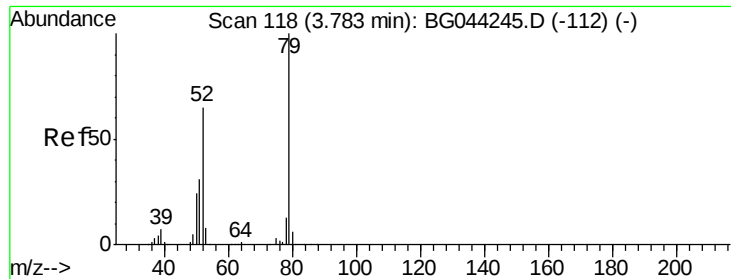
1,4-Dioxane
Concen: 42.225 ng
RT: 3.38 min Scan# 49
Delta R.T. 0.01 min
Lab File: BG044405.D
Acq: 12 Feb 2020 12:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.2	55.8	83.6
43	26.2	21.6	32.4



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





#3

Pvridine

Concen: 44.757 ng

RT: 3.77 min Scan# 116

Delta R.T. 0.01 min

Lab File: BG044405.D

Acq: 12 Feb 2020 12:27

Instrument :

BNA_G

ClientSampleId :

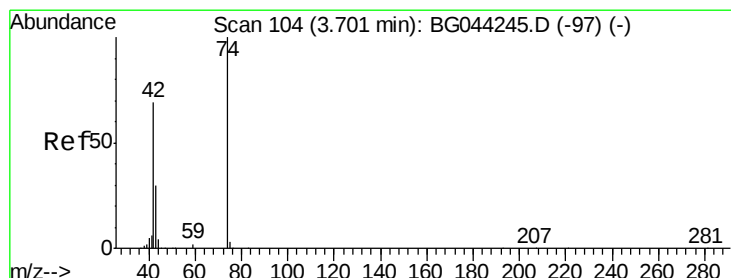
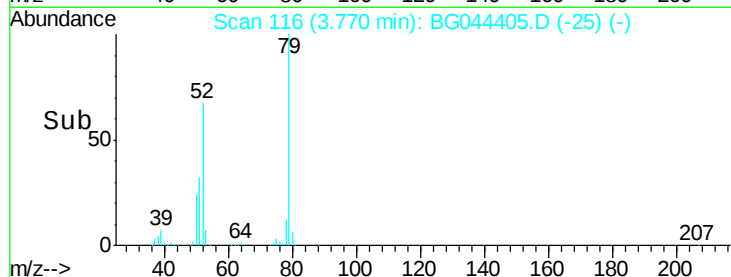
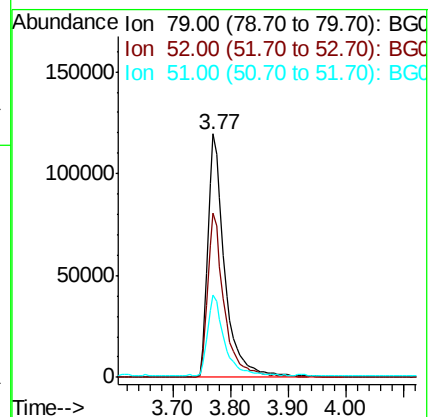
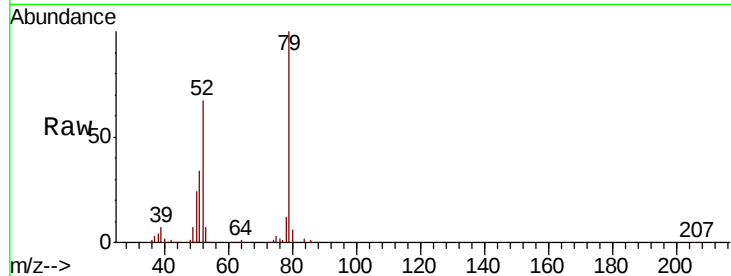
Tot Ion: 79 Resp: 248623

Ion Ratio Lower Upper

79 100

52 67.3 51.9 77.9

51 33.6 25.3 37.9



#4

n-Nitrosodimethylamine

Concen: 41.132 ng

RT: 3.69 min Scan# 102

Delta R.T. 0.01 min

Lab File: BG044405.D

Acq: 12 Feb 2020 12:27

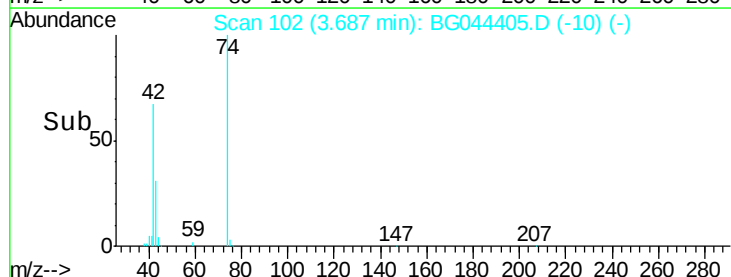
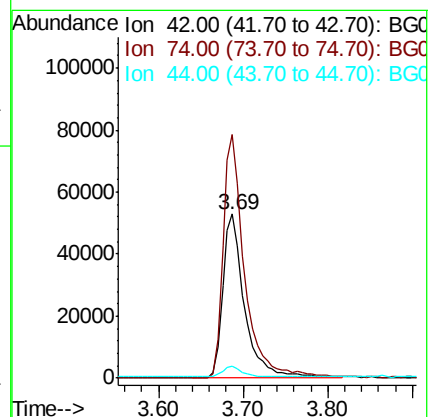
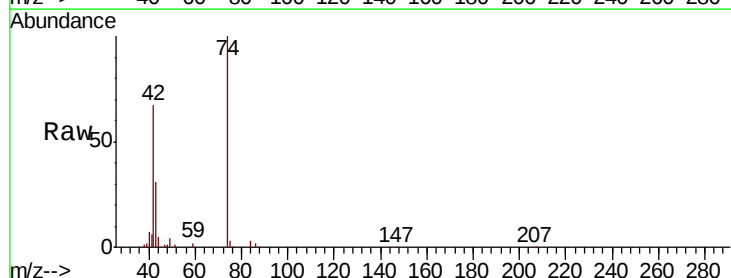
Tgt Ion: 42 Resp: 95478

Ion Ratio Lower Upper

42 100

74 148.4 115.1 172.7

44 7.1 5.6 8.4





#5

2-Fluorophenol

Concen: 85.050 ng

RT: 5.48 min Scan# 407

Delta R.T. 0.00 min

Lab File: BG044405.D

Acq: 12 Feb 2020 12:27

Instrument :

BNA_G

ClientSampled :

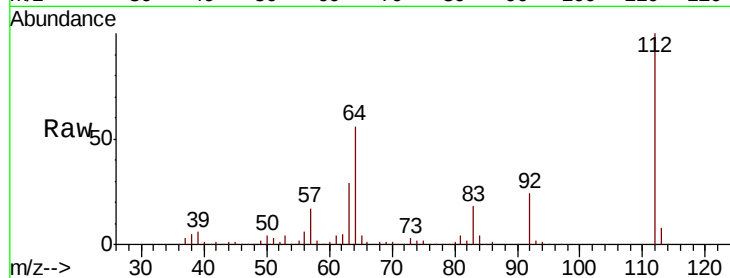
Tot Ion:112 Resp: 394692

Ion Ratio Lower Upper

112 100

64 56.4 45.4 68.2

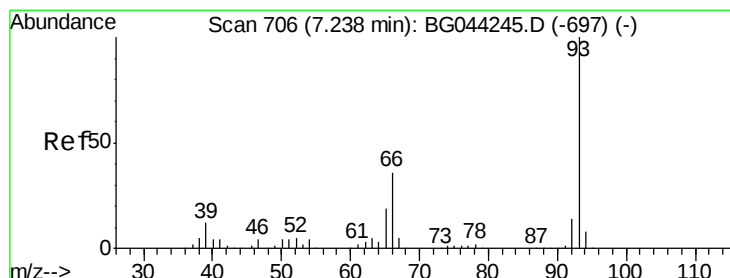
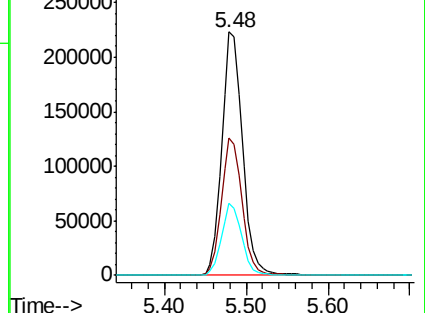
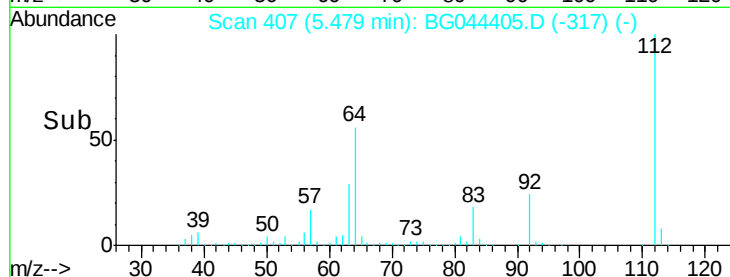
63 29.4 22.9 34.3



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: 40.706 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG044405.D

Acq: 12 Feb 2020 12:27

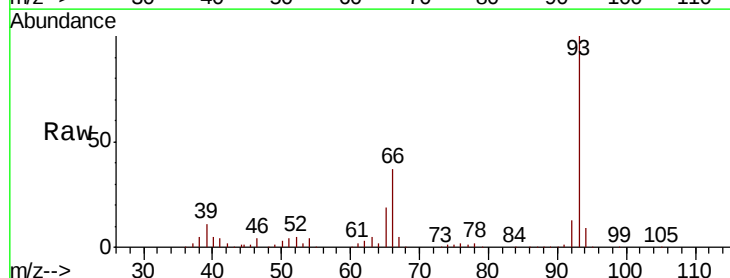
Tgt Ion: 93 Resp: 314868

Ion Ratio Lower Upper

93 100

66 37.1 28.7 43.1

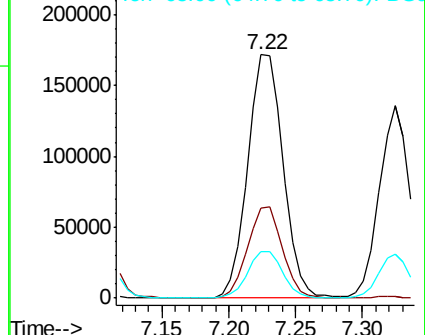
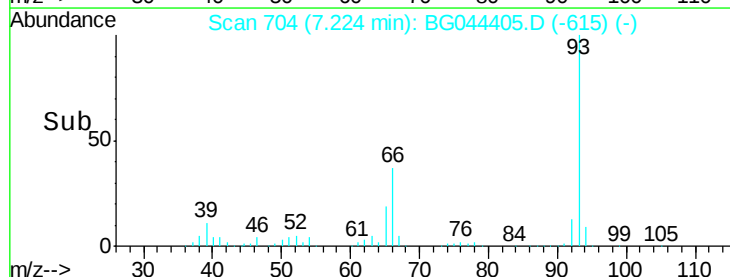
65 19.1 15.4 23.0



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 83.583 ng

RT: 7.08 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG044405.D

Acq: 12 Feb 2020 12:27

Instrument :

BNA_G

ClientSampleId :

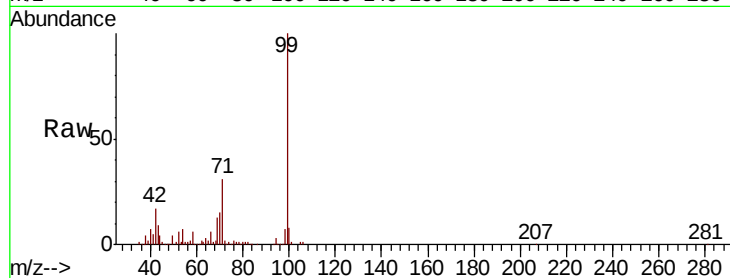
Tot Ion: 99 Resp: 520871

Ion Ratio Lower Upper

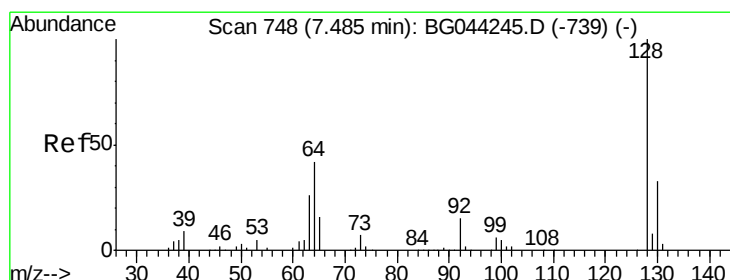
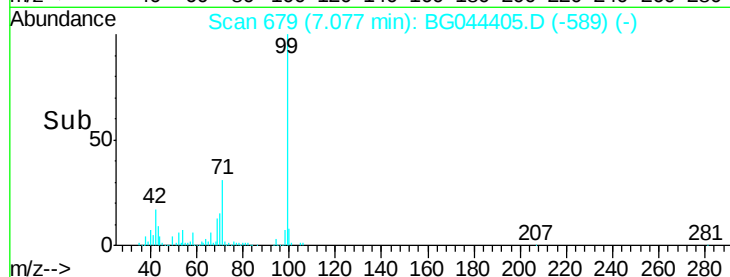
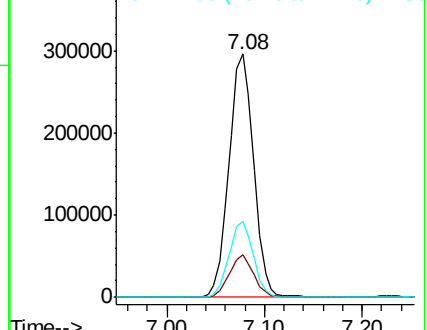
99 100

42 17.5 13.8 20.6

71 31.4 25.5 38.3



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



#8

2-Chlorophenol

Concen: 41.779 ng

RT: 7.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BG044405.D

Acq: 12 Feb 2020 12:27

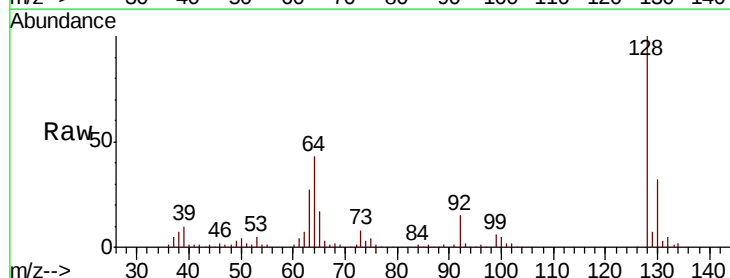
Tgt Ion: 128 Resp: 213083

Ion Ratio Lower Upper

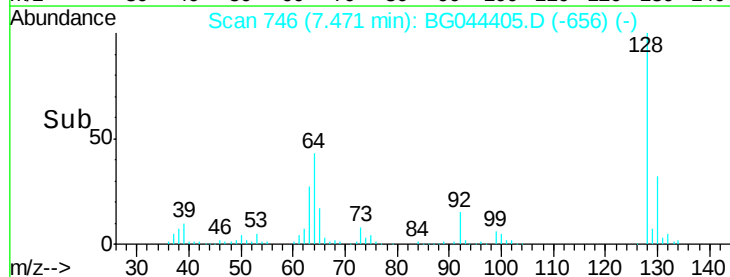
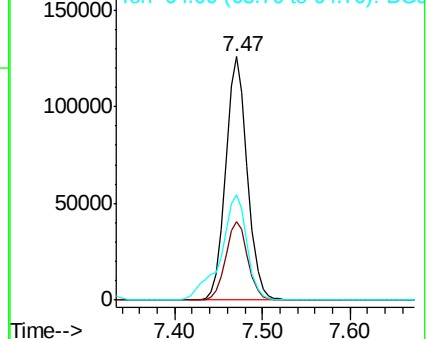
128 100

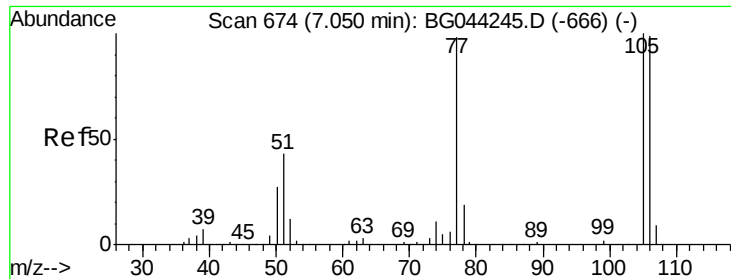
130 32.4 12.5 52.5

64 43.4 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

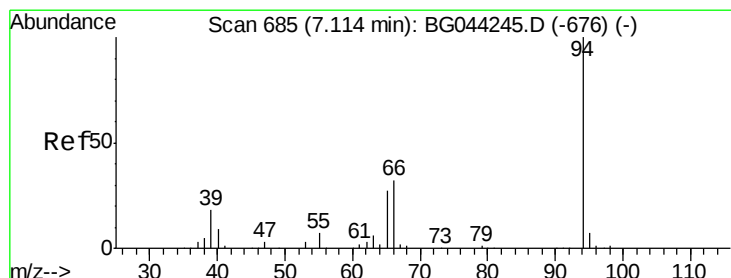
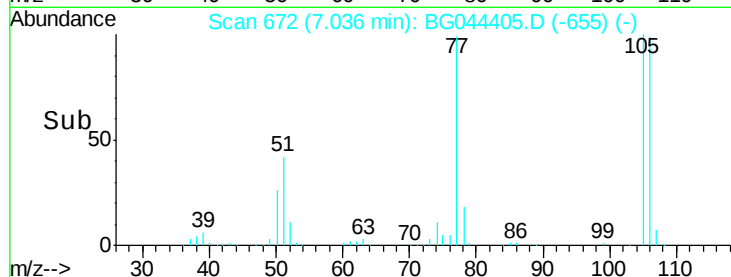
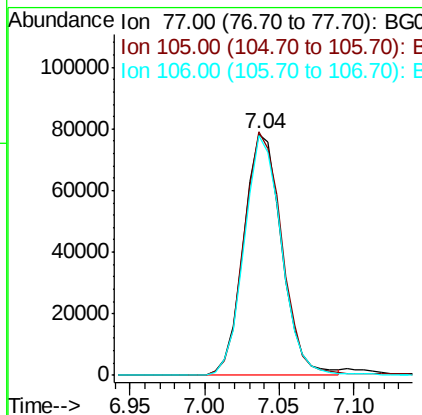
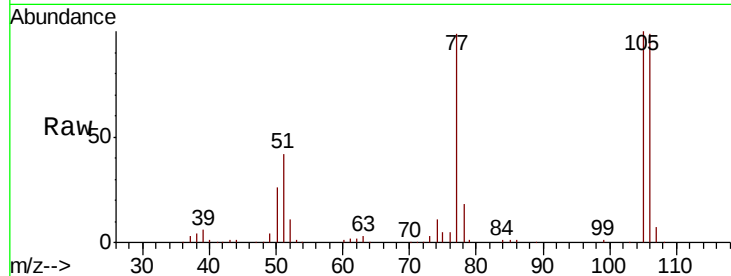




#9
Benzaldehyde
Concen: 38.924 ng
RT: 7.04 min Scan# 672
Delta R.T. 0.00 min
Lab File: BG044405.D
Acq: 12 Feb 2020 12:27

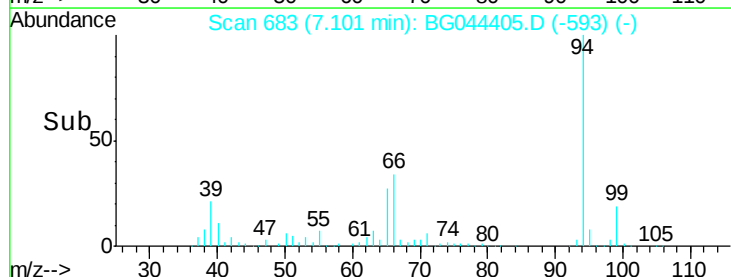
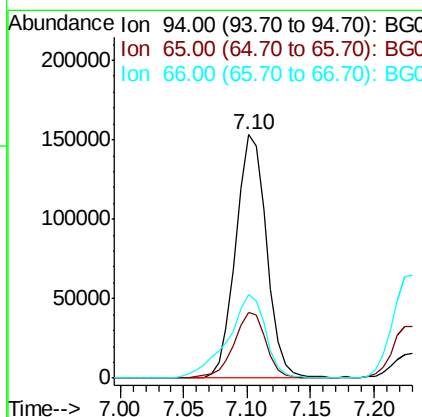
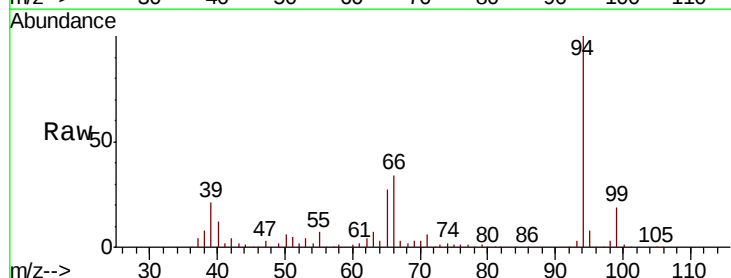
Instrument :
BNA_G
ClientSampled :

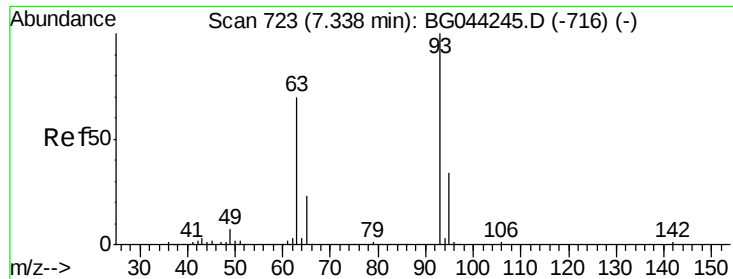
Tot Ion: 77 Resp: 138149
Ion Ratio Lower Upper
77 100
105 101.0 82.0 122.0
106 99.5 80.7 120.7



#10
Phenol
Concen: 41.844 ng
RT: 7.10 min Scan# 683
Delta R.T. 0.00 min
Lab File: BG044405.D
Acq: 12 Feb 2020 12:27

Tgt Ion: 94 Resp: 258067
Ion Ratio Lower Upper
94 100
65 27.0 7.0 47.0
66 34.1 12.7 52.7

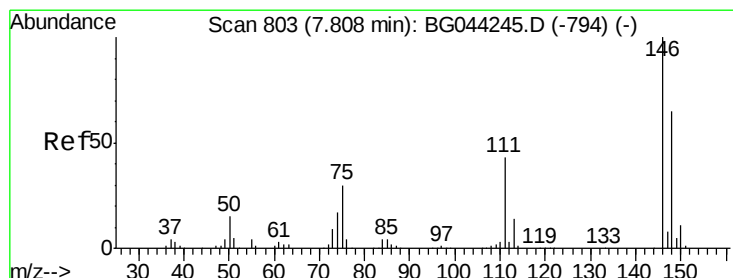
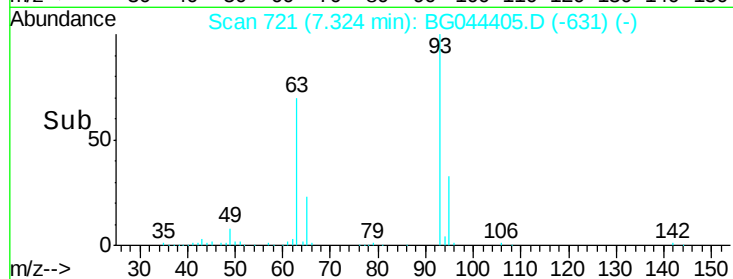
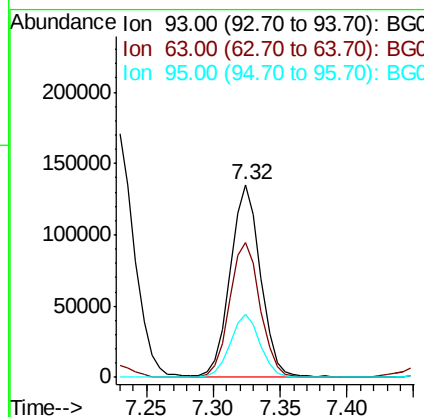
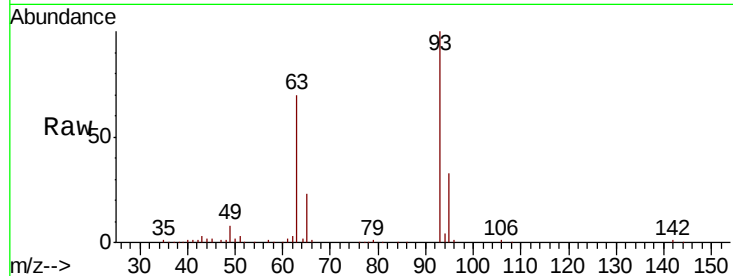




#11
bis(2-Chloroethyl)ether
Concen: 40.404 ng
RT: 7.32 min Scan# 721
Delta R.T. 0.00 min
Lab File: BG044405.D
Acq: 12 Feb 2020 12:27

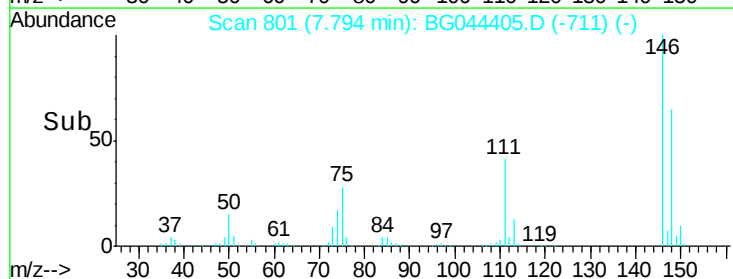
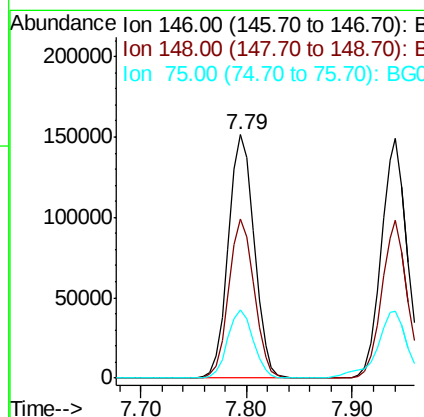
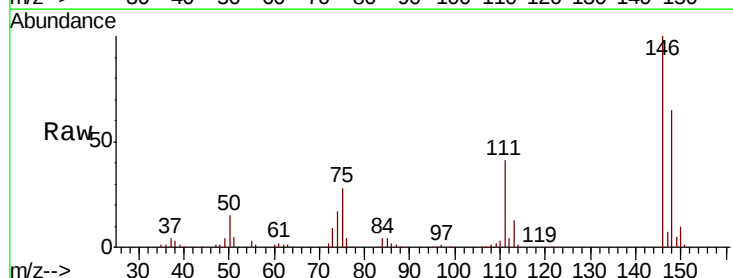
Instrument :
BNA_G
ClientSampleId :

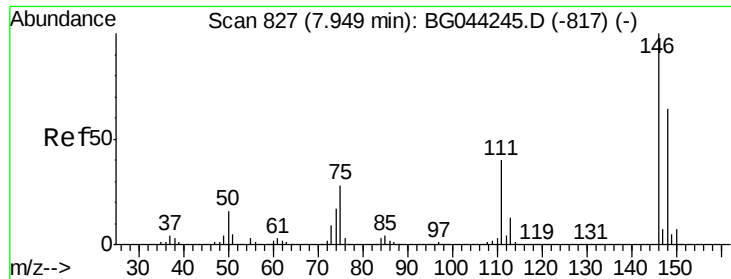
Tot Ion	93	Resp	213038
Ion Ratio	Lower	Upper	
93	100		
63	69.9	49.2	89.2
95	32.5	13.6	53.6



#12
1,3-Dichlorobenzene
Concen: 42.052 ng
RT: 7.79 min Scan# 801
Delta R.T. 0.00 min
Lab File: BG044405.D
Acq: 12 Feb 2020 12:27

Tgt Ion	146	Resp	256074
Ion Ratio	Lower	Upper	
146	100		
148	65.3	51.8	77.8
75	28.1	23.7	35.5

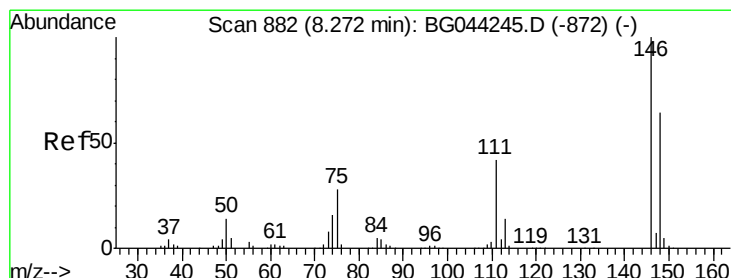
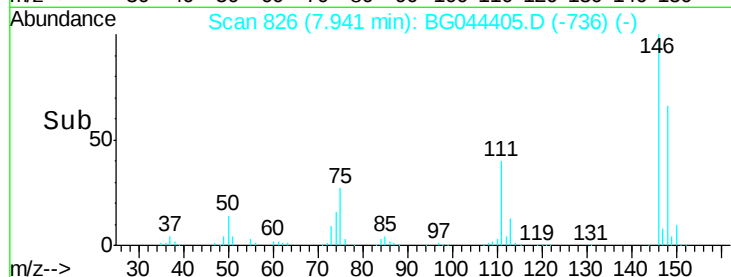
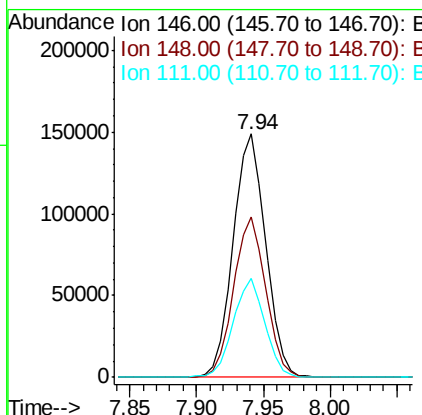
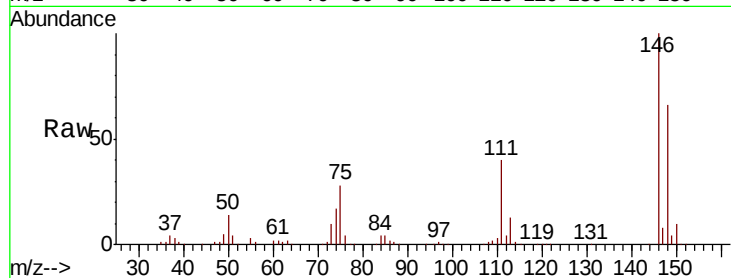




#13
 1,4-Dichlorobenzene
 Concen: 41.835 ng
 RT: 7.94 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BG044405.D
 Acq: 12 Feb 2020 12:27

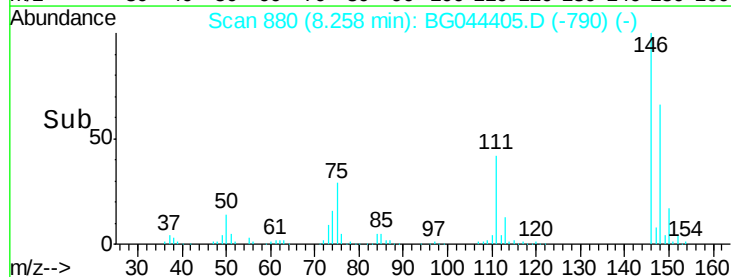
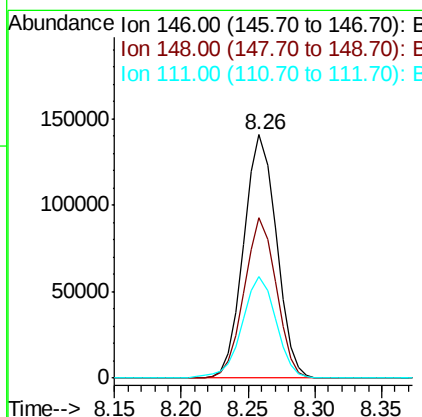
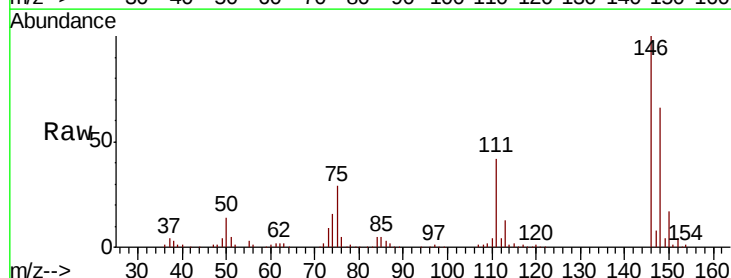
Instrument :
 BNA_G
 ClientSampleId :

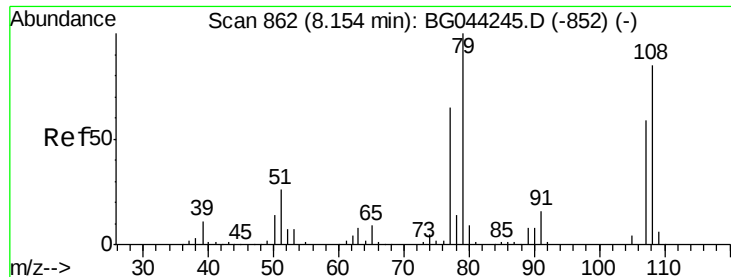
Tot Ion:146 Resp: 252320
 Ion Ratio Lower Upper
 146 100
 148 65.8 51.4 77.0
 111 40.5 31.8 47.8



#14
 1,2-Dichlorobenzene
 Concen: 41.873 ng
 RT: 8.26 min Scan# 880
 Delta R.T. 0.00 min
 Lab File: BG044405.D
 Acq: 12 Feb 2020 12:27

Tgt Ion:146 Resp: 238708
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.2 76.8
 111 41.9 34.0 51.0





#15

Benzyl Alcohol

Concen: 40.336 ng

RT: 8.14 min Scan# 860

Delta R.T. 0.00 min

Lab File: BG044405.D

Acq: 12 Feb 2020 12:27

Instrument :
BNA_G
ClientSampled :

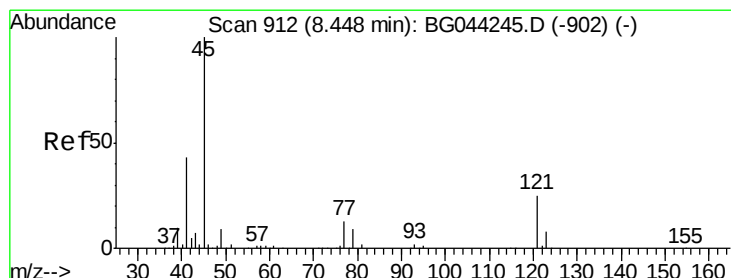
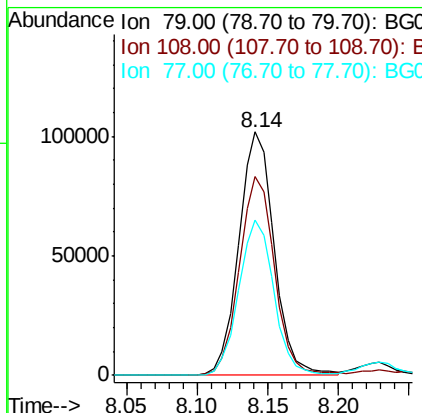
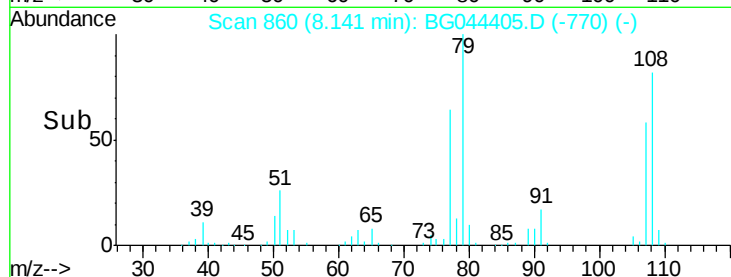
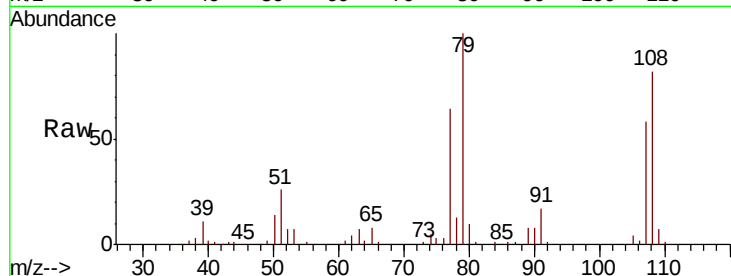
Tot Ion: 79 Resp: 177959

Ion Ratio Lower Upper

79 100

108 81.7 68.3 102.5

77 63.7 51.8 77.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.103 ng

RT: 8.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: BG044405.D

Acq: 12 Feb 2020 12:27

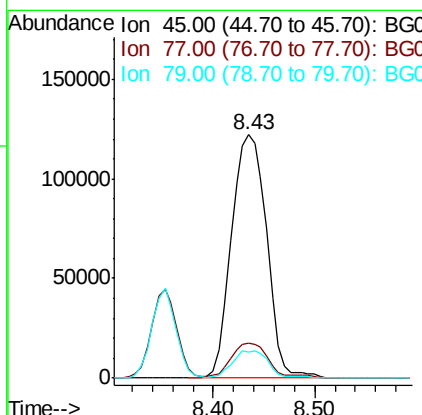
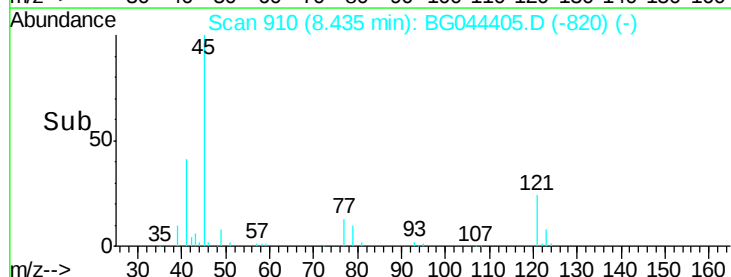
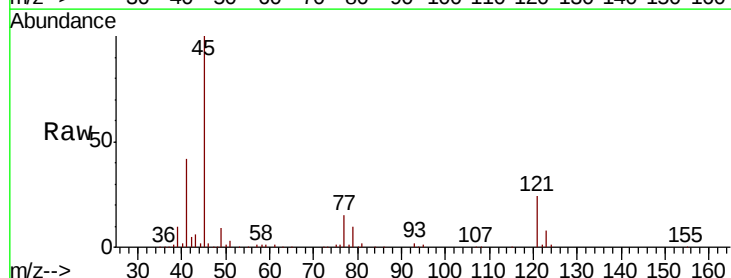
Tgt Ion: 45 Resp: 293331

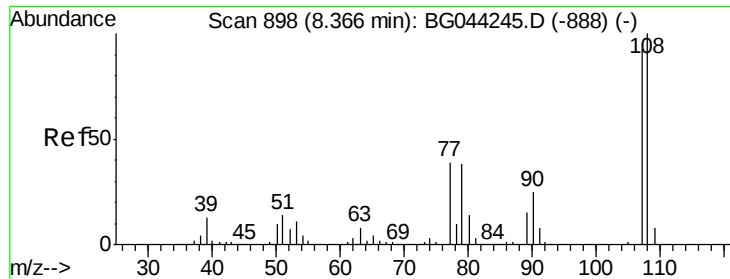
Ion Ratio Lower Upper

45 100

77 14.6 0.0 35.2

79 10.5 0.0 31.1

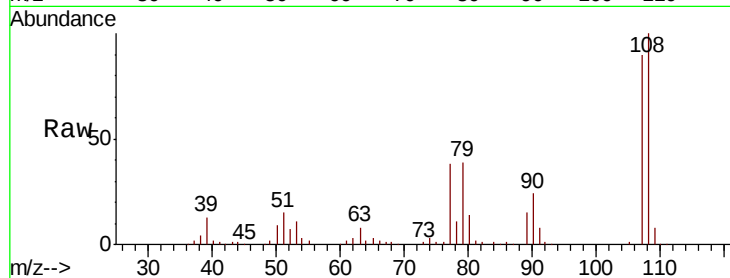




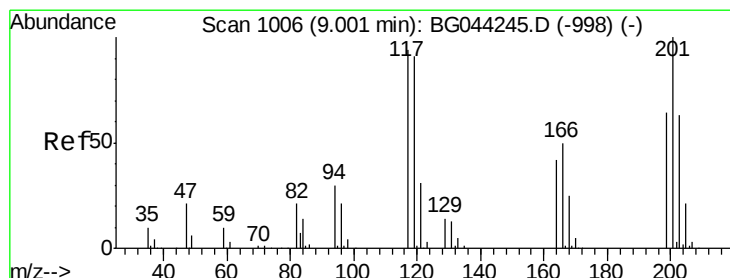
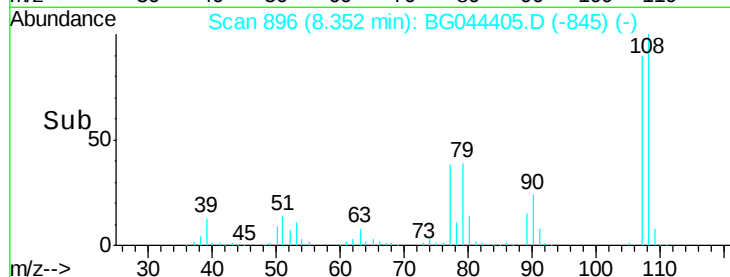
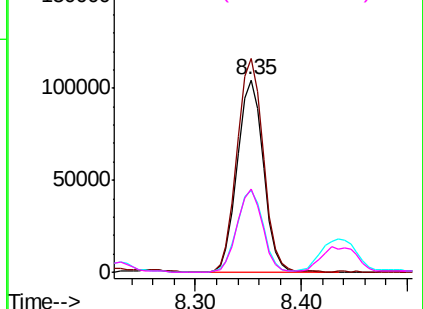
#17
2-Methylphenol
Concen: 40.704 ng
RT: 8.35 min Scan# 896
Delta R.T. 0.00 min
Lab File: BG044405.D
Acq: 12 Feb 2020 12:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	179111
Ion	Ratio	Lower	Upper
107	100		
108	110.9	86.4	129.6
77	42.3	34.0	51.0
79	42.9	32.9	49.3

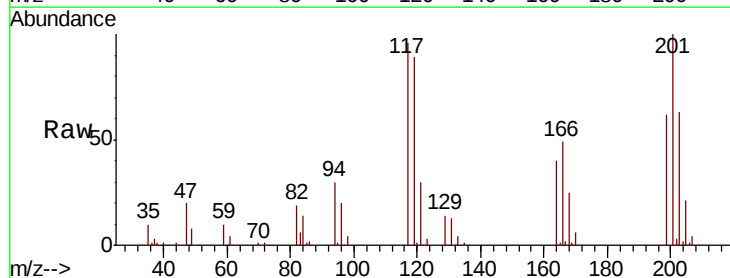


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

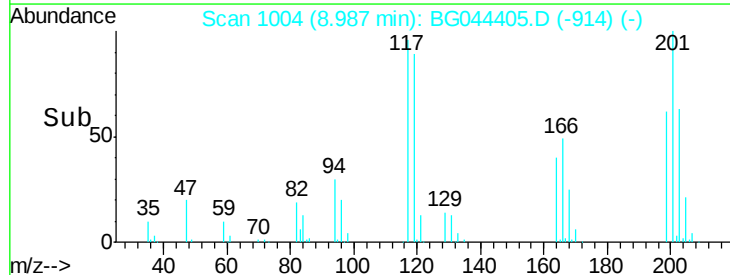
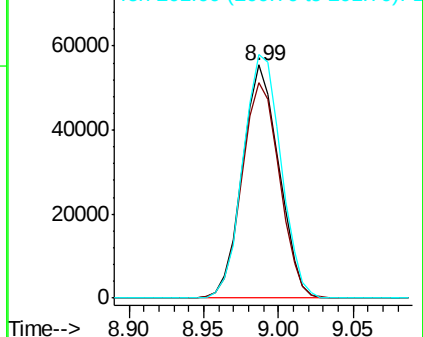


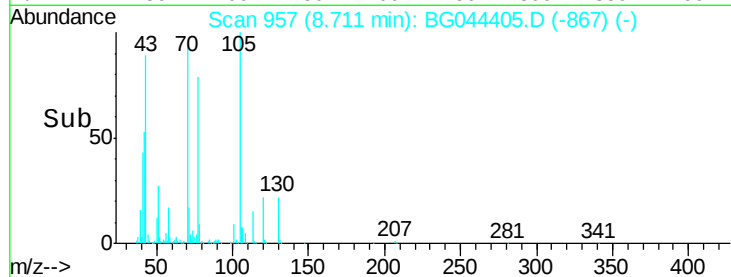
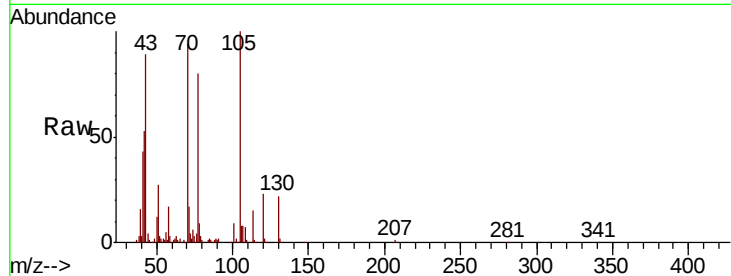
#18
Hexachloroethane
Concen: 41.580 ng
RT: 8.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BG044405.D
Acq: 12 Feb 2020 12:27

Tgt Ion:	117	Resp:	94106
Ion	Ratio	Lower	Upper
117	100		
119	92.6	77.5	116.3
201	104.4	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

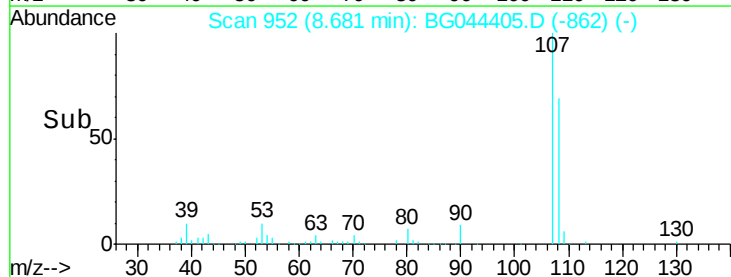
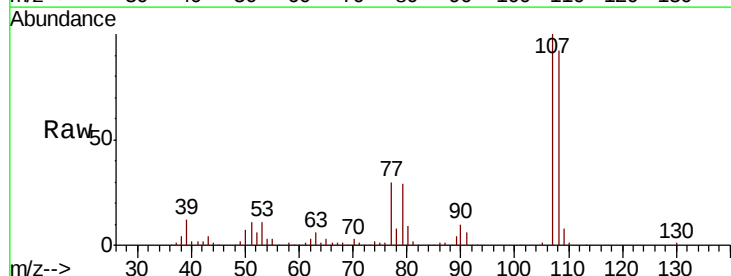
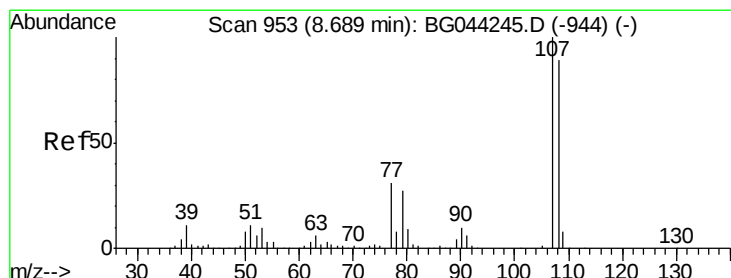
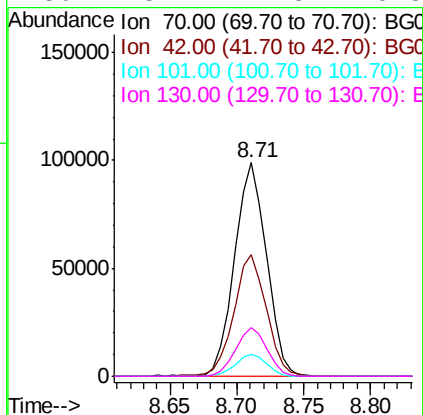




#19
n-Nitroso-di-n-propylamine
Concen: 39.644 ng
RT: 8.71 min Scan# 957
Delta R.T. 0.00 min
Lab File: BG044405.D
Acq: 12 Feb 2020 12:27

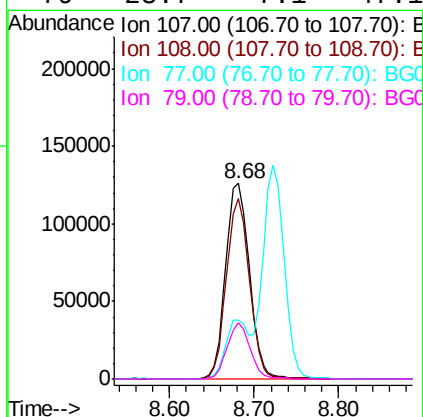
Instrument :
BNA_G
ClientSampleId :

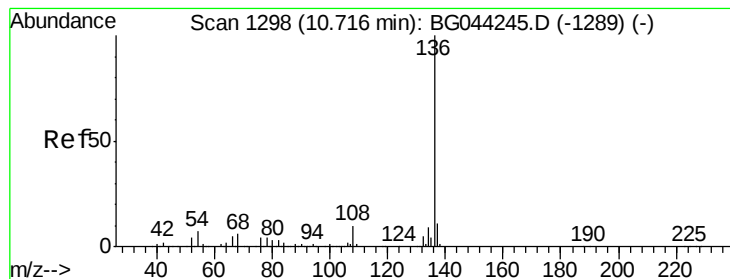
Tot Ion:	70	Resp:	164650
Ion	Ratio	Lower	Upper
70	100		
42	56.7	46.2	69.2
101	10.1	8.4	12.6
130	23.1	17.8	26.8



#20
3+4-Methylphenols
Concen: 40.673 ng
RT: 8.68 min Scan# 952
Delta R.T. 0.00 min
Lab File: BG044405.D
Acq: 12 Feb 2020 12:27

Tgt Ion:	107	Resp:	246653
Ion	Ratio	Lower	Upper
107	100		
108	92.3	68.5	108.5
77	30.2	10.9	50.9
79	28.7	7.1	47.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.70 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BG044405.D

Acq: 12 Feb 2020 12:27

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 326328

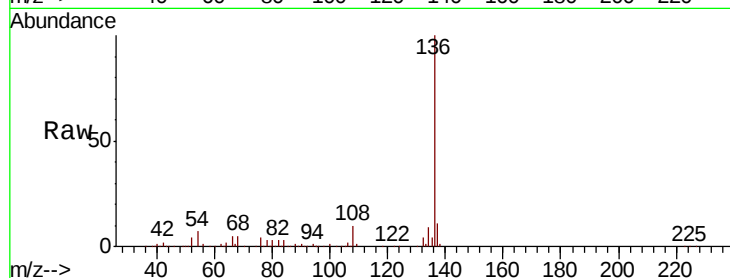
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.2 5.8 8.8

68 5.5 4.6 6.8

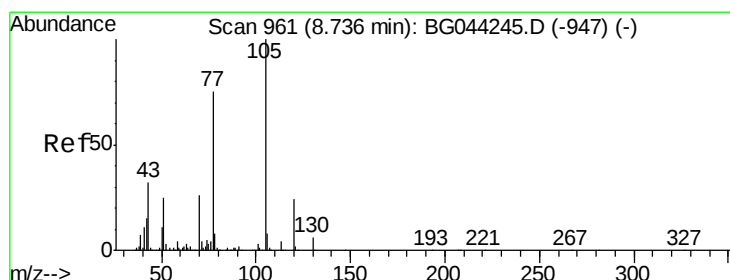
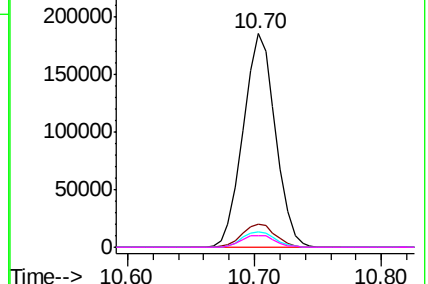
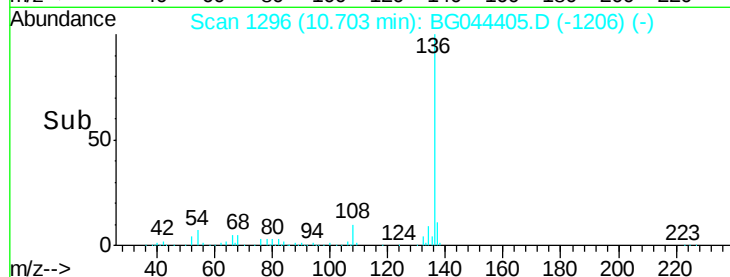


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 41.086 ng

RT: 8.72 min Scan# 959

Delta R.T. 0.00 min

Lab File: BG044405.D

Acq: 12 Feb 2020 12:27

Tgt Ion:105 Resp: 326162

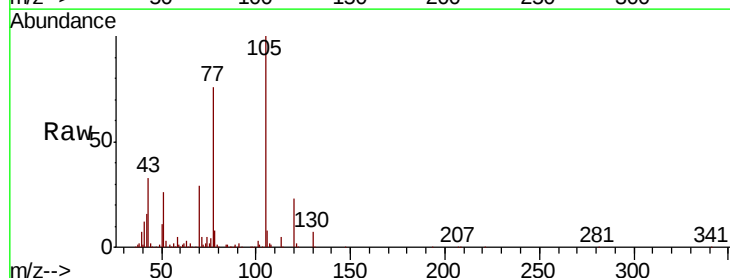
Ion Ratio Lower Upper

105 100

71 5.0 3.4 5.0#

51 26.4 20.2 30.4

120 23.1 19.1 28.7

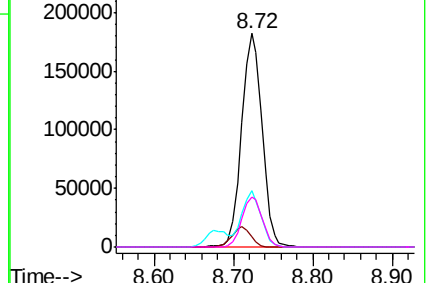
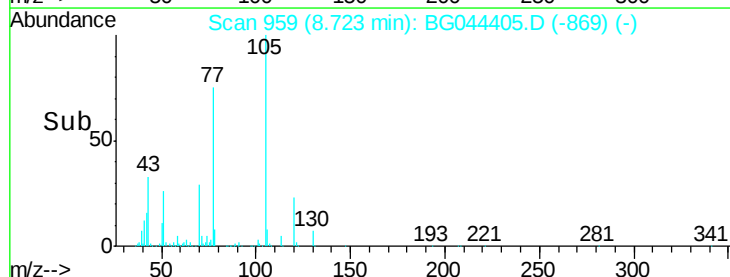


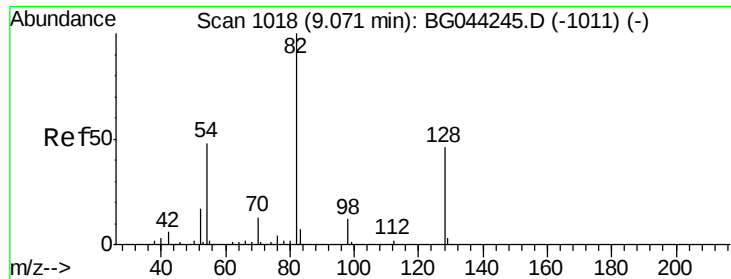
Abundance Ion 105.00 (104.70 to 105.70): E

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

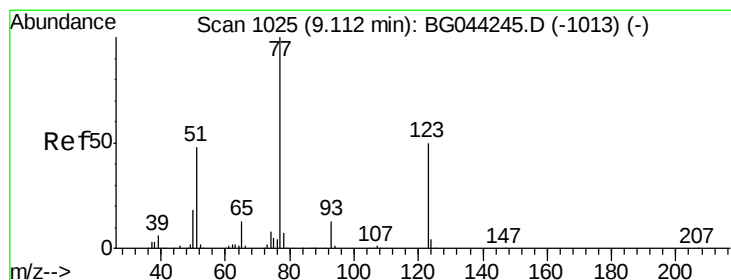
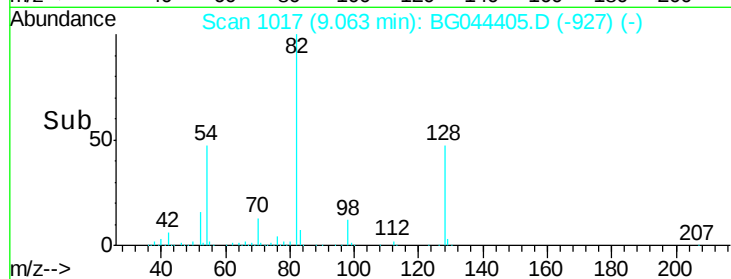
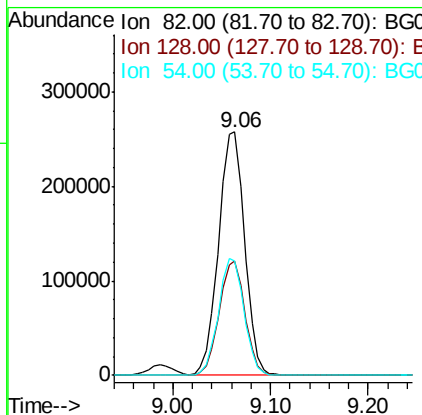
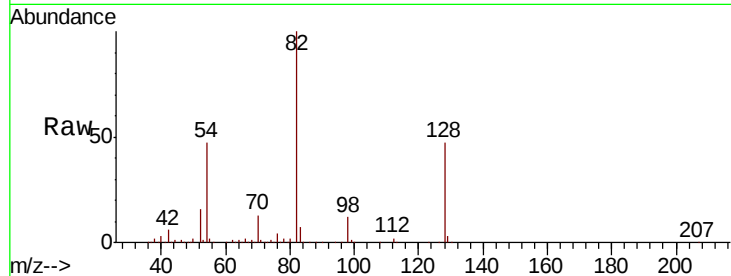




#23
 Nitrobenzene-d5
 Concen: 82.505 ng
 RT: 9.06 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BG044405.D
 Acq: 12 Feb 2020 12:27

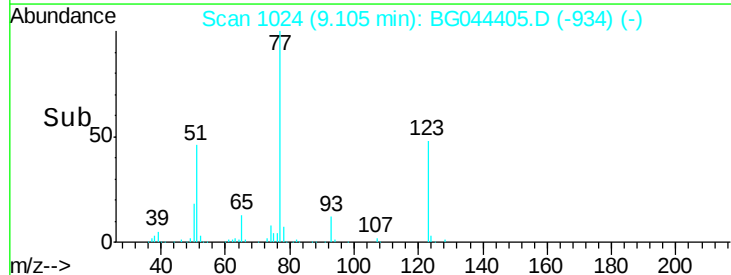
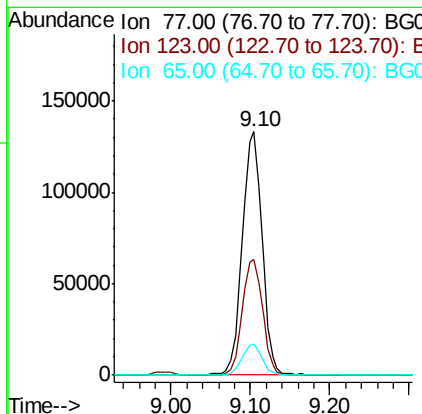
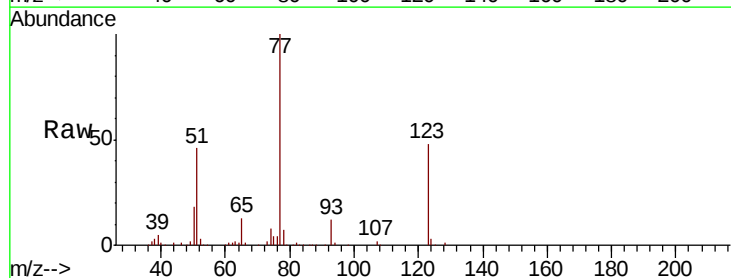
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.5	54.7
54	46.8	38.6	58.0



#24
 Nitrobenzene
 Concen: 41.100 ng
 RT: 9.10 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BG044405.D
 Acq: 12 Feb 2020 12:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.6	39.9	59.9
65	12.8	10.4	15.6





#25

Isophorone

Concen: 40.305 ng

RT: 9.63 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BG044405.D

Acq: 12 Feb 2020 12:27

Instrument :

BNA_G

ClientSampleId :

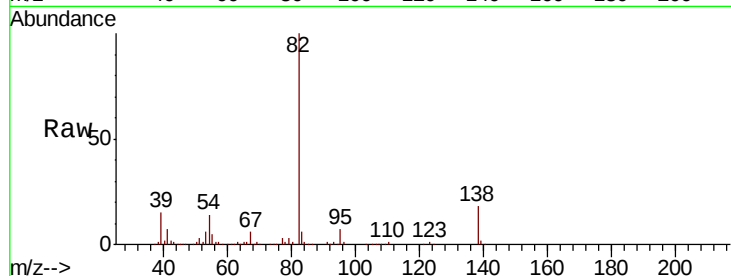
Tot Ion: 82 Resp: 434226

Ion Ratio Lower Upper

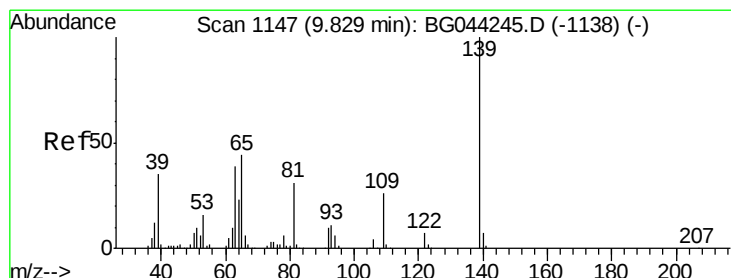
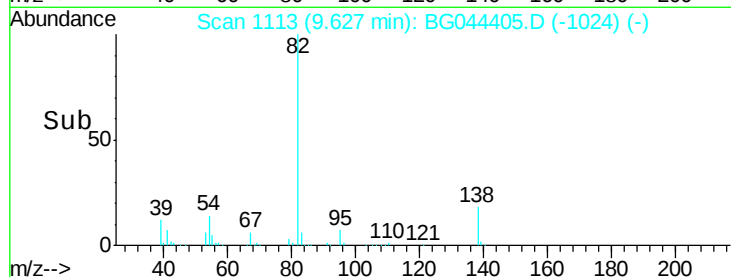
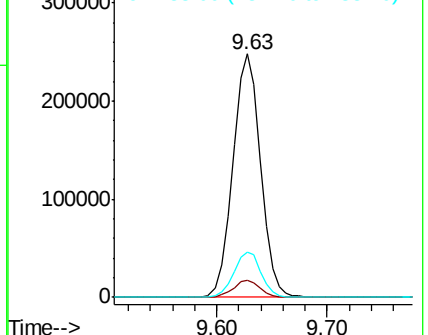
82 100

95 7.1 5.7 8.5

138 18.3 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: 42.199 ng

RT: 9.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BG044405.D

Acq: 12 Feb 2020 12:27

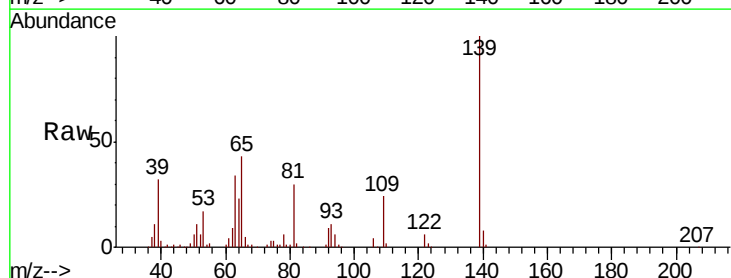
Tgt Ion: 139 Resp: 123560

Ion Ratio Lower Upper

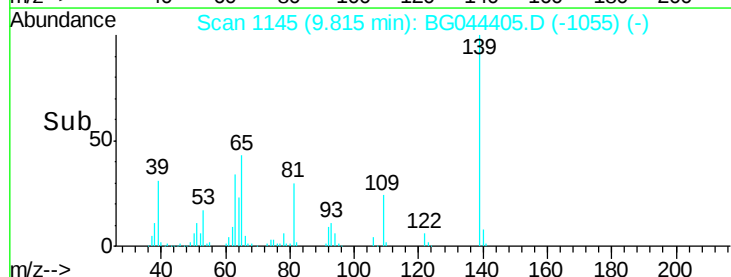
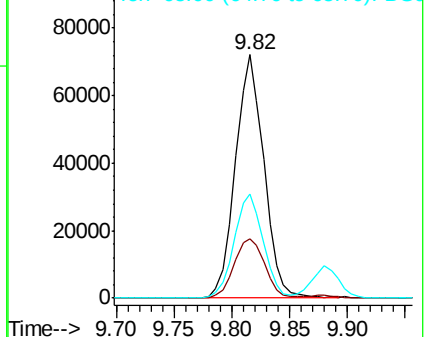
139 100

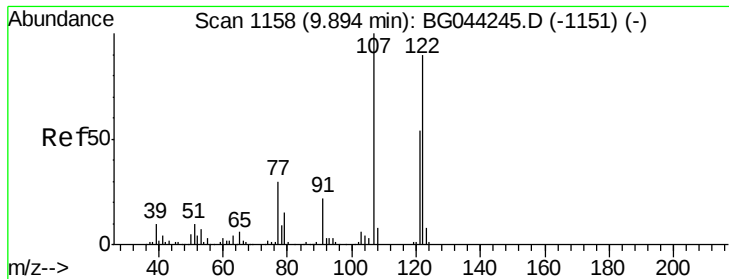
109 24.4 21.0 31.4

65 42.7 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

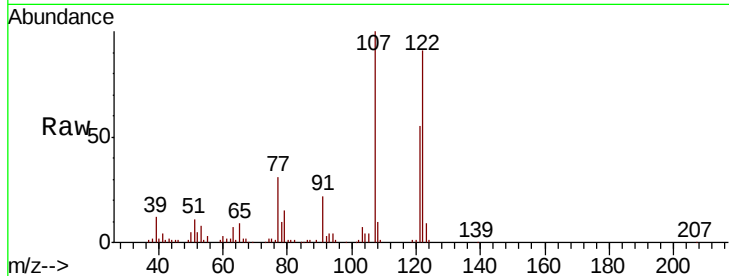




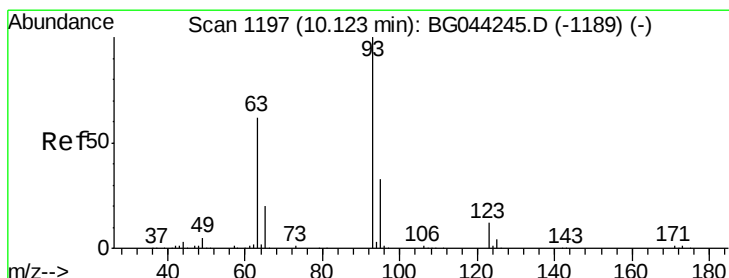
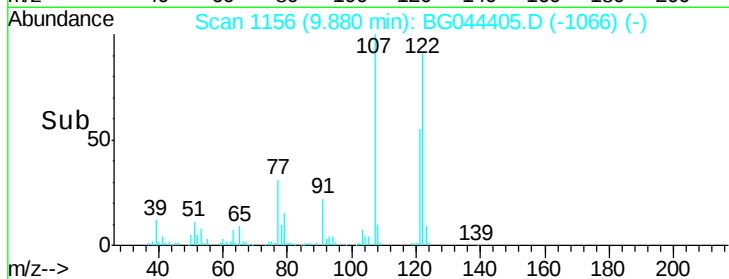
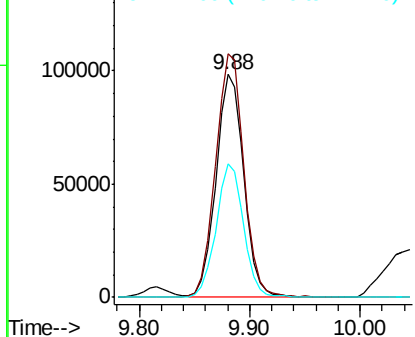
#27
 2,4-Dimethylphenol
 Concen: 41.177 ng
 RT: 9.88 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BG044405.D
 Acq: 12 Feb 2020 12:27

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.4	88.8	133.2
121	60.2	48.3	72.5

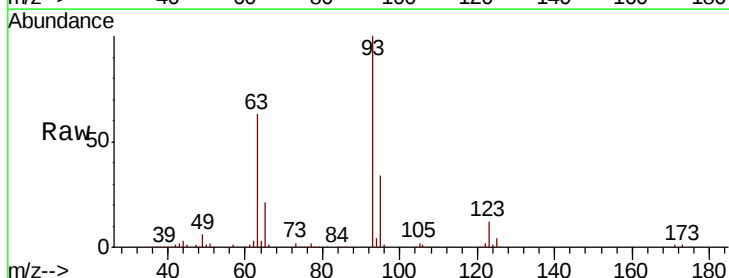


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

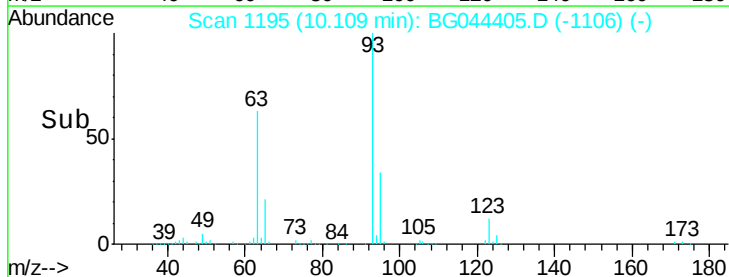
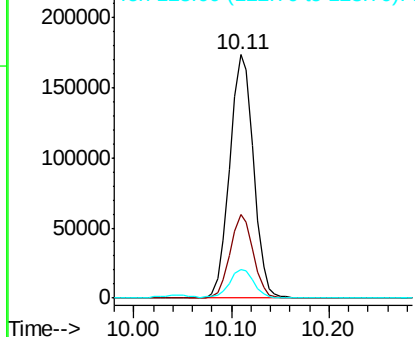


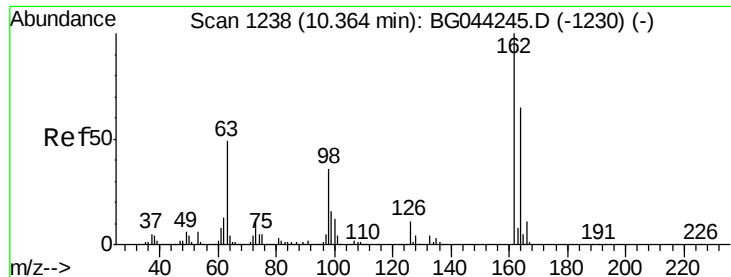
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.852 ng
 RT: 10.11 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BG044405.D
 Acq: 12 Feb 2020 12:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.1	26.6	40.0
123	11.9	10.0	15.0



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

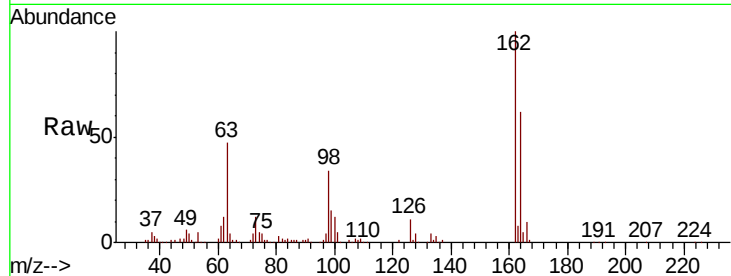




#29
 2,4-Dichlorophenol
 Concen: 42.419 ng
 RT: 10.36 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BG044405.D
 Acq: 12 Feb 2020 12:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.4	44.7	84.7
98	34.1	15.8	55.8

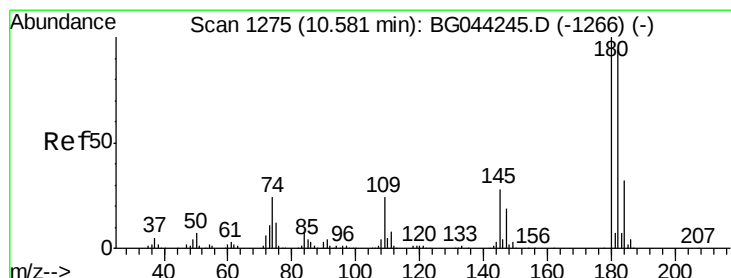
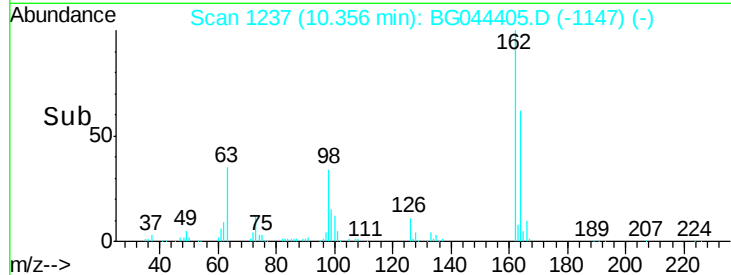
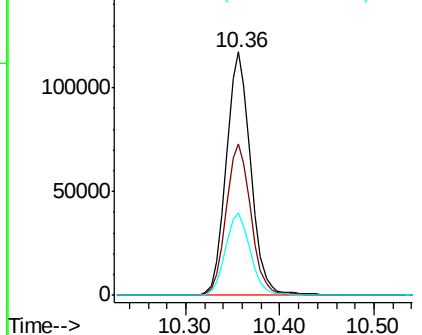


Abundance

Ion 162.00 (161.70 to 162.70): E

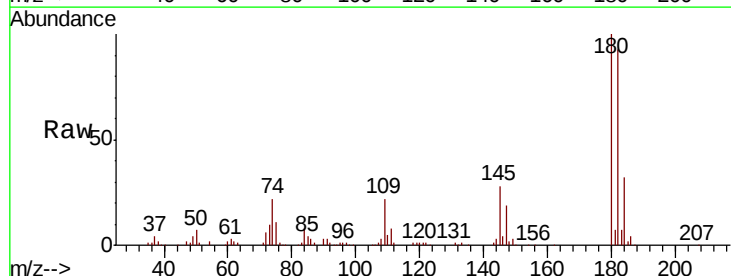
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 42.074 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BG044405.D
 Acq: 12 Feb 2020 12:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	75.5	113.3
145	28.0	22.6	34.0

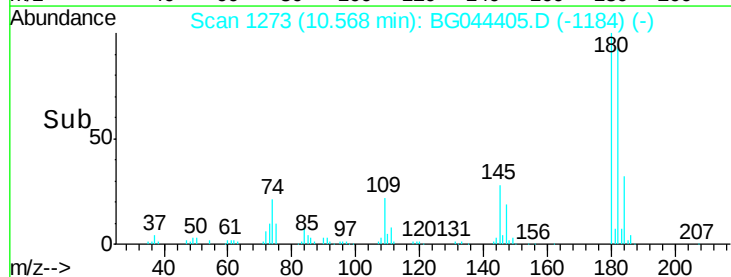
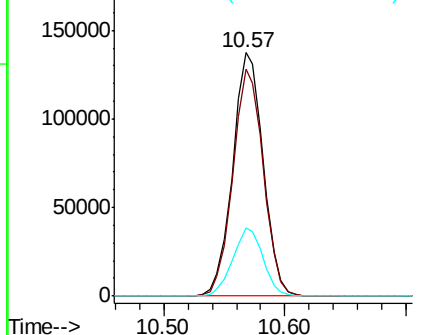


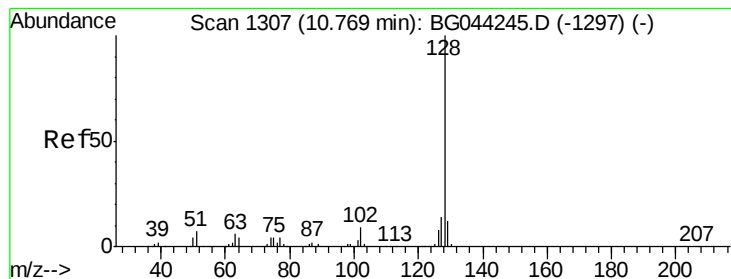
Abundance

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: 41.868 ng

RT: 10.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BG044405.D

Acq: 12 Feb 2020 12:27

Instrument :

BNA_G

ClientSampled :

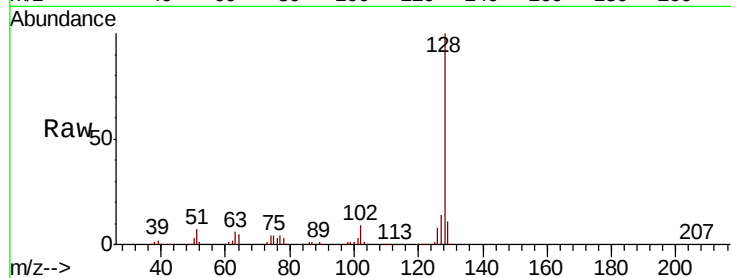
Tot Ion:128 Resp: 662878

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

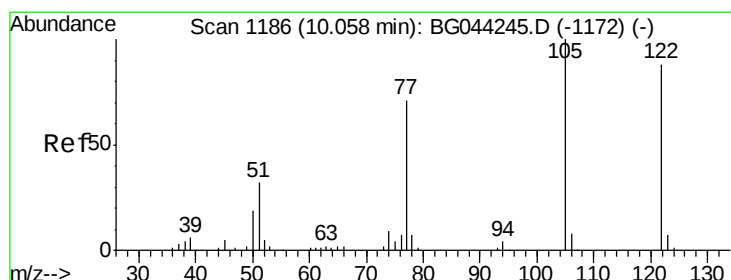
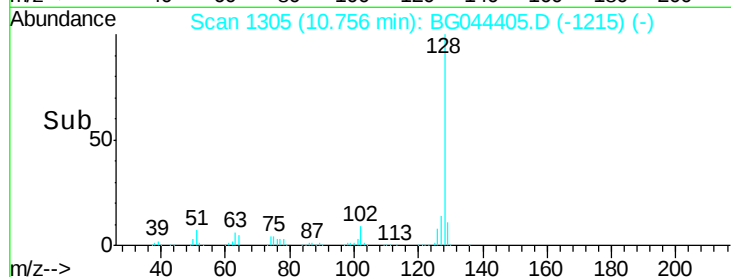
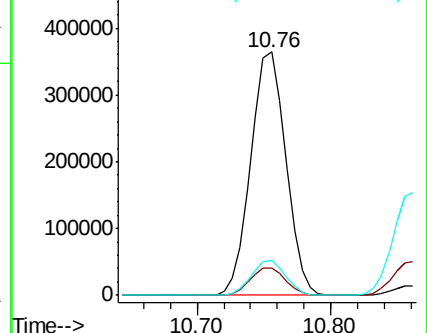
127 14.4 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.733 ng

RT: 10.04 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BG044405.D

Acq: 12 Feb 2020 12:27

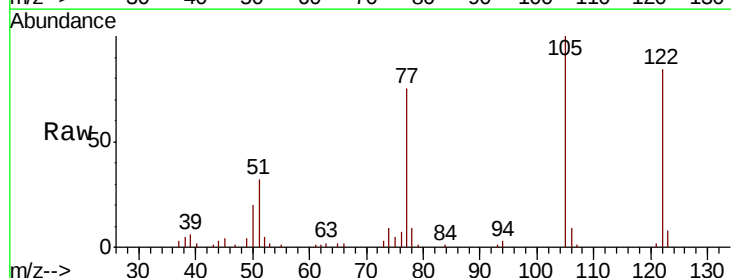
Tgt Ion:122 Resp: 75568

Ion Ratio Lower Upper

122 100

105 119.4 93.5 133.5

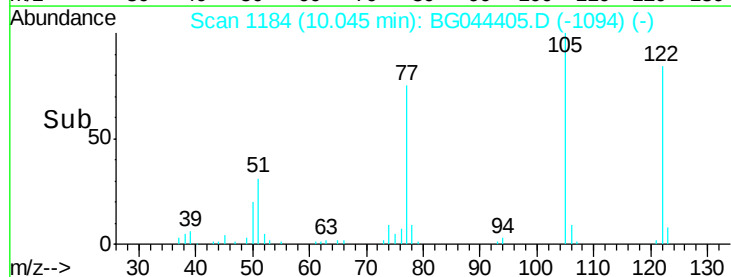
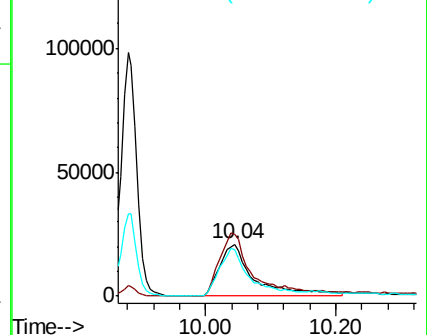
77 89.1 61.0 101.0

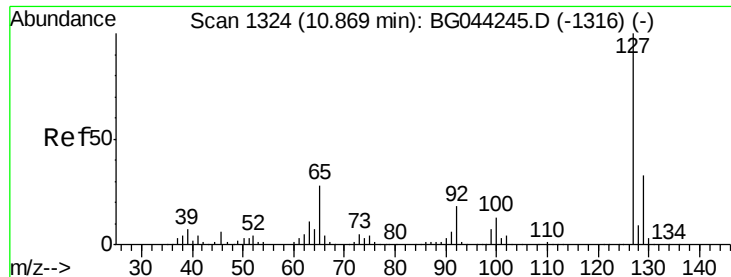


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

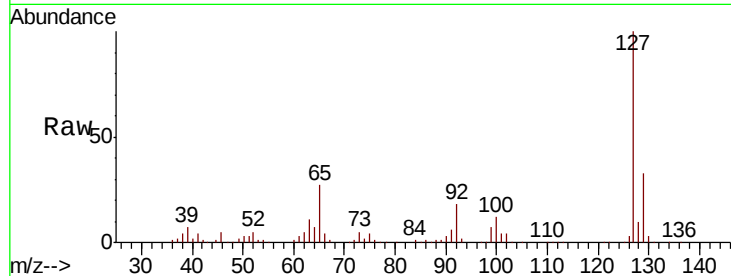




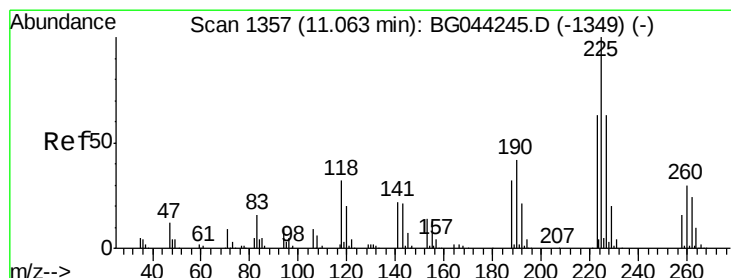
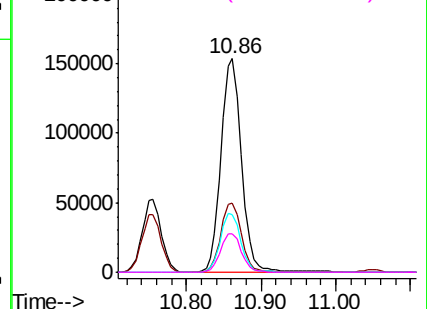
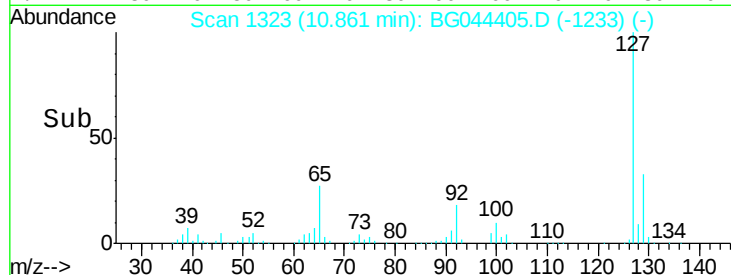
#33
4-Chloroaniline
Concen: 40.923 ng
RT: 10.86 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG044405.D
Acq: 12 Feb 2020 12:27

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	294672
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.6	40.0
65	27.2	22.5	33.7
92	18.2	14.1	21.1

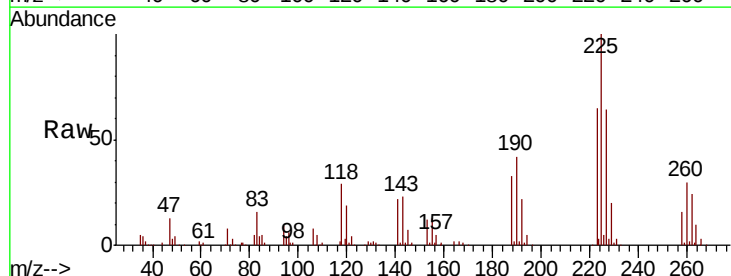


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

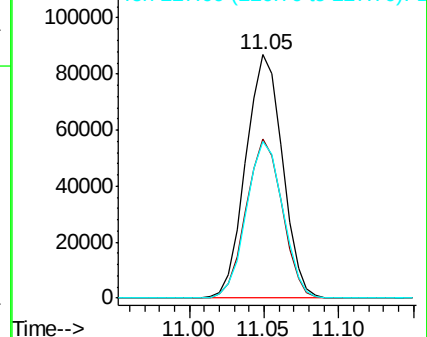
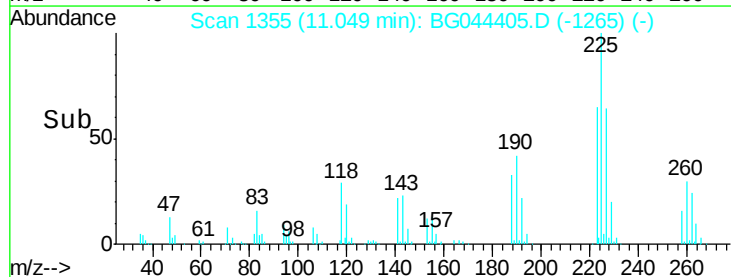


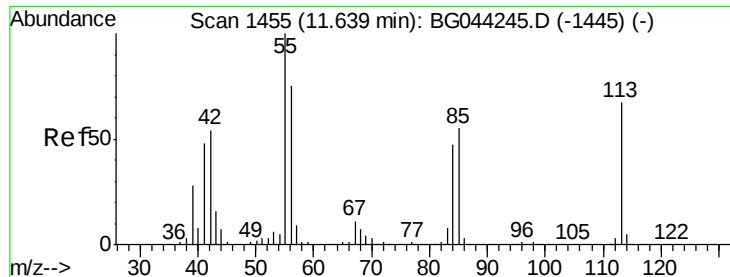
#34
Hexachlorobutadiene
Concen: 41.988 ng
RT: 11.05 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG044405.D
Acq: 12 Feb 2020 12:27

Tgt Ion:	225	Resp:	148058
Ion	Ratio	Lower	Upper
225	100		
223	65.2	50.2	75.4
227	64.3	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

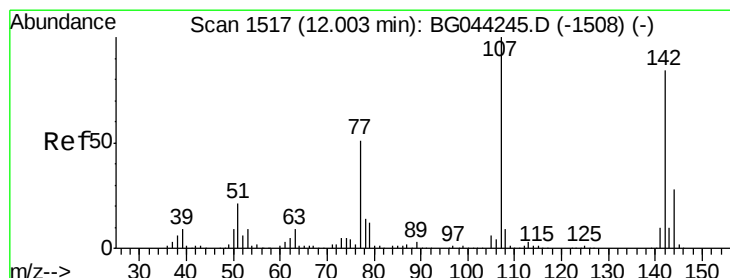
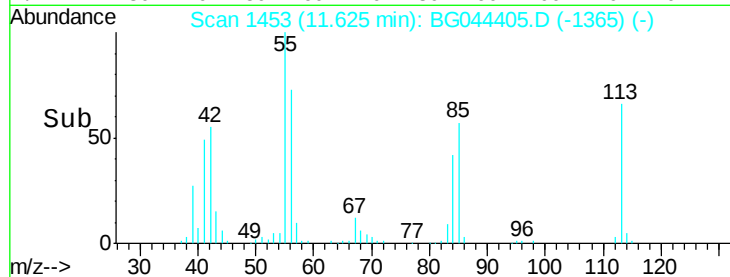
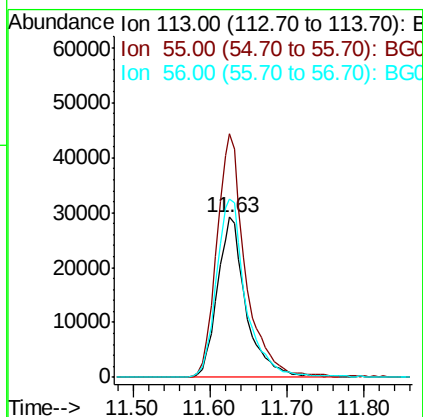
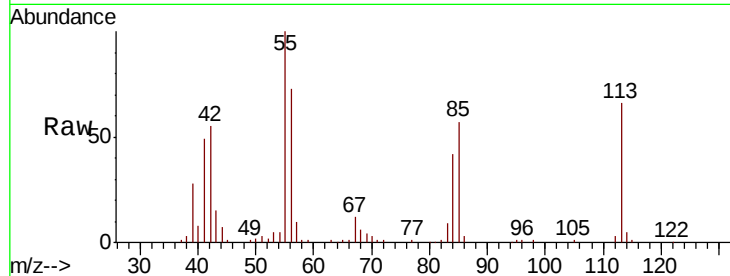




#35
Caprolactam
Concen: 40.993 ng
RT: 11.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BG044405.D
Acq: 12 Feb 2020 12:27

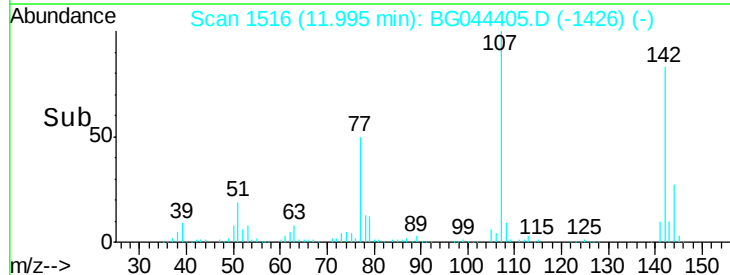
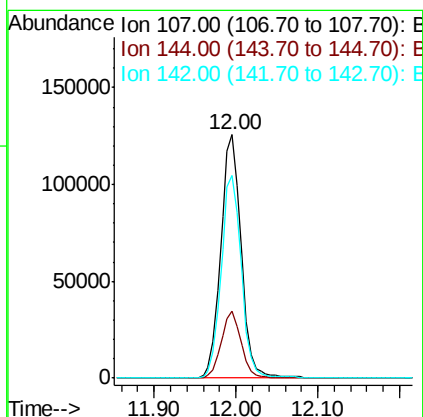
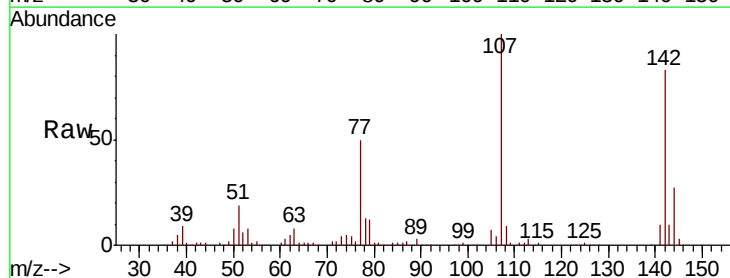
Instrument :
BNA_G
ClientSampleId :

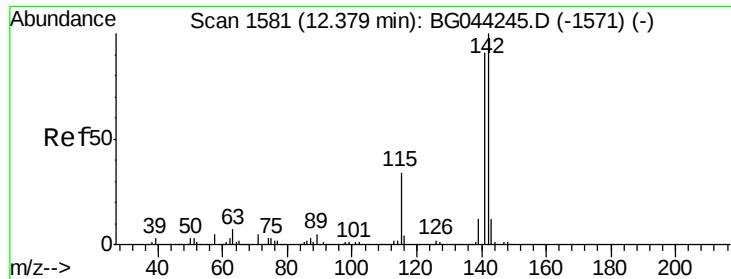
Tot Ion:113 Resp: 75049
Ion Ratio Lower Upper
113 100
55 152.1 129.9 169.9
56 111.3 92.5 132.5



#36
4-Chloro-3-methylphenol
Concen: 41.777 ng
RT: 12.00 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BG044405.D
Acq: 12 Feb 2020 12:27

Tgt Ion:107 Resp: 218909
Ion Ratio Lower Upper
107 100
144 27.4 22.2 33.4
142 83.4 67.4 101.0

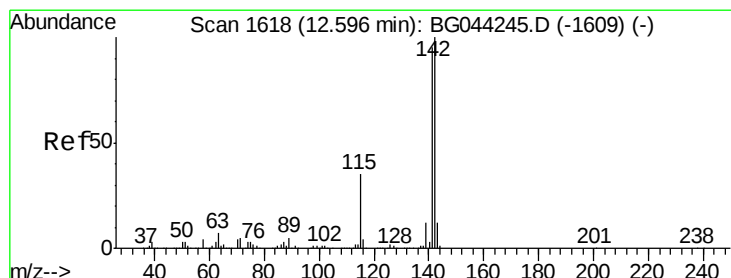
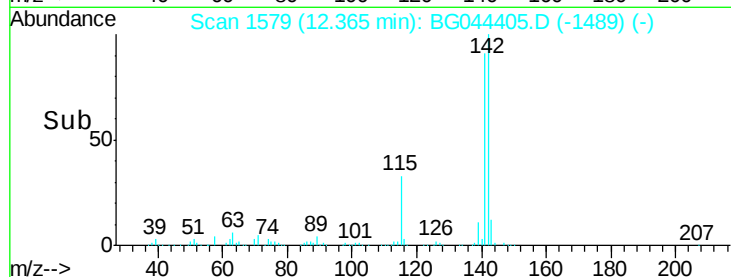
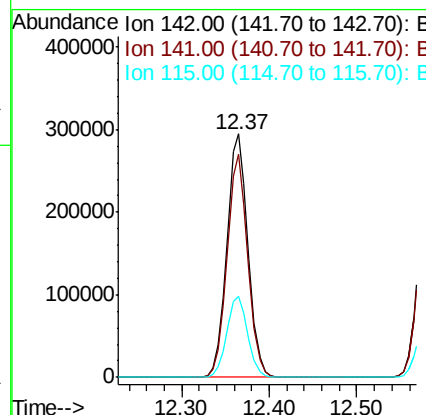
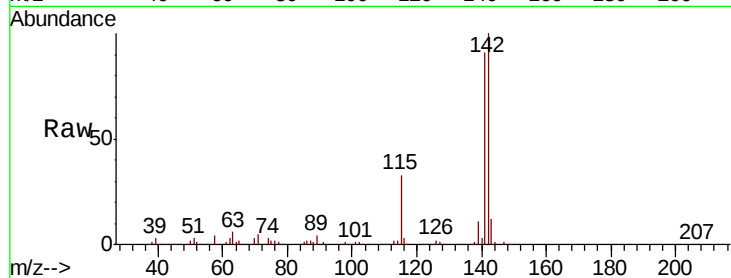




#37
2-Methylnaphthalene
Concen: 41.542 ng
RT: 12.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BG044405.D
Acq: 12 Feb 2020 12:27

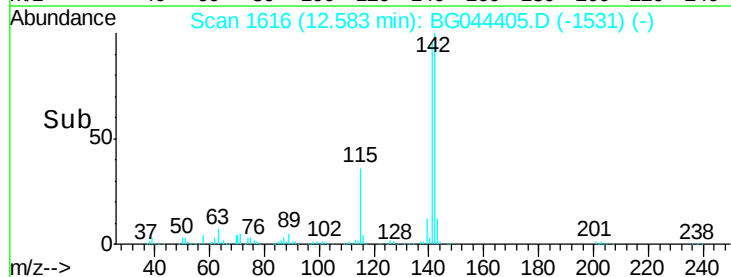
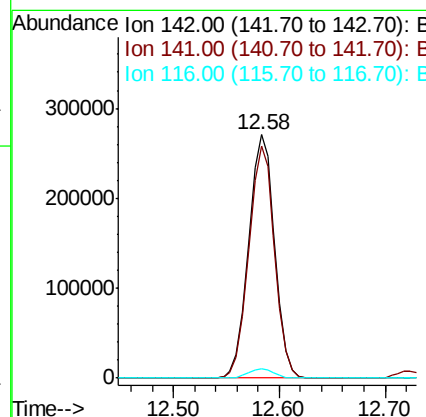
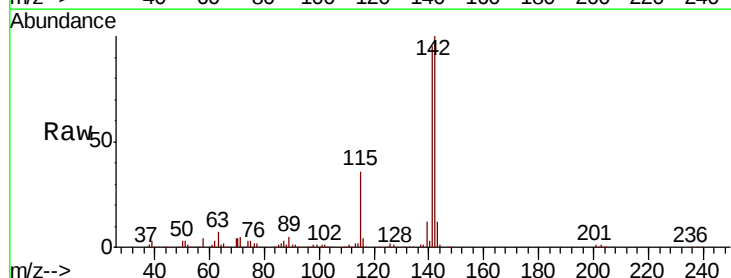
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.2	109.8
115	33.5	27.1	40.7



#38
1-Methylnaphthalene
Concen: 41.569 ng
RT: 12.58 min Scan# 1616
Delta R.T. 0.00 min
Lab File: BG044405.D
Acq: 12 Feb 2020 12:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.1	75.8	113.6
116	3.8	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.55 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BG044405.D

Acq: 12 Feb 2020 12:27

Instrument :

BNA_G

ClientSampleId :

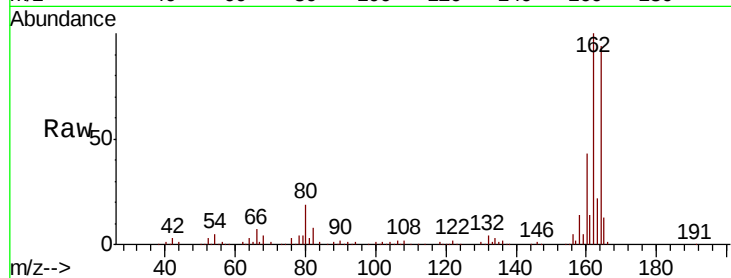
Tot Ion:164 Resp: 206773

Ion Ratio Lower Upper

164 100

162 106.2 80.7 121.1

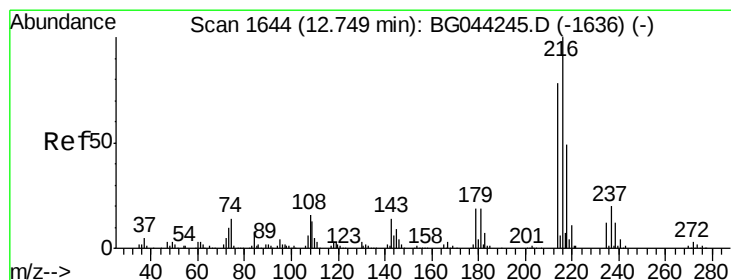
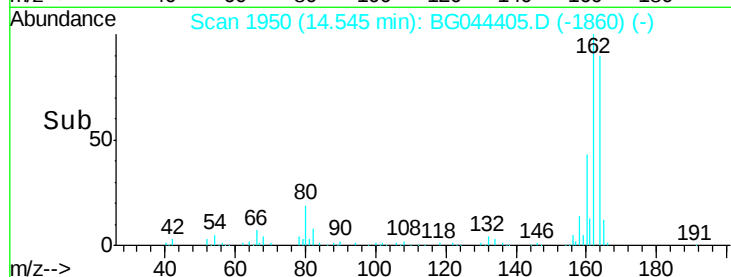
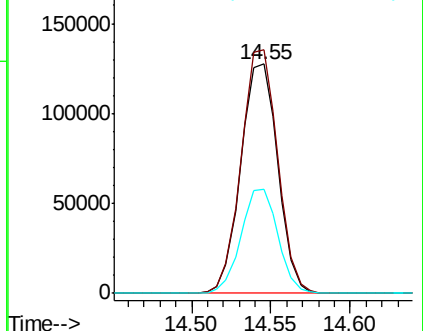
160 45.4 35.3 52.9



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: 42.529 ng

RT: 12.74 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BG044405.D

Acq: 12 Feb 2020 12:27

Tgt Ion:216 Resp: 263052

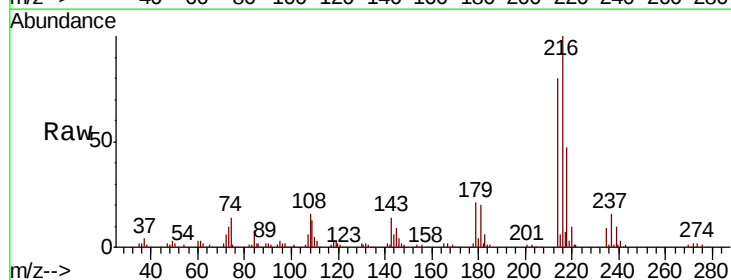
Ion Ratio Lower Upper

216 100

214 80.2 63.0 94.6

179 20.7 16.2 24.4

108 16.5 13.5 20.3

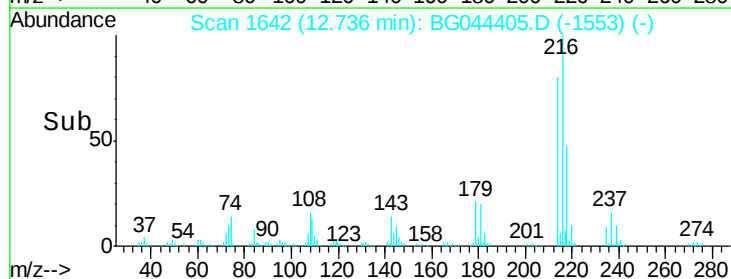
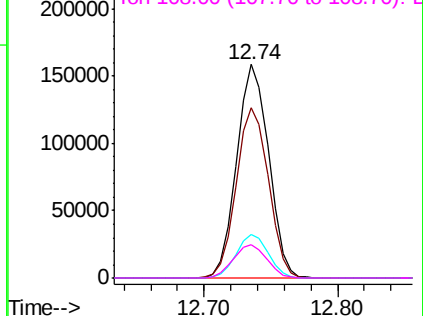


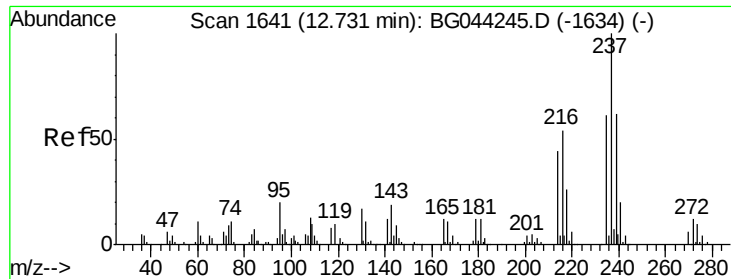
Abundance Ion 216.00 (215.70 to 216.70): E

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: 33.024 ng

RT: 12.72 min Scan# 1640

Delta R.T. 0.00 min

Lab File: BG044405.D

Acq: 12 Feb 2020 12:27

Instrument :

BNA_G

ClientSampleId :

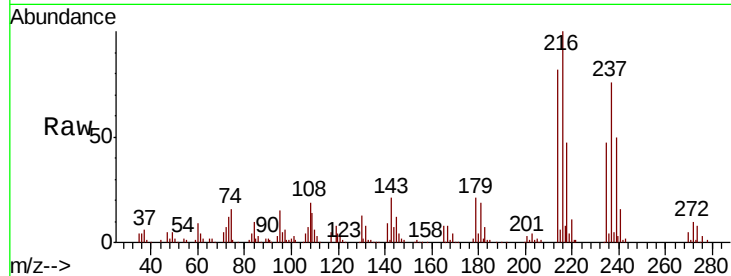
Tot Ion:237 Resp: 98012

Ion Ratio Lower Upper

237 100

235 61.8 41.2 81.2

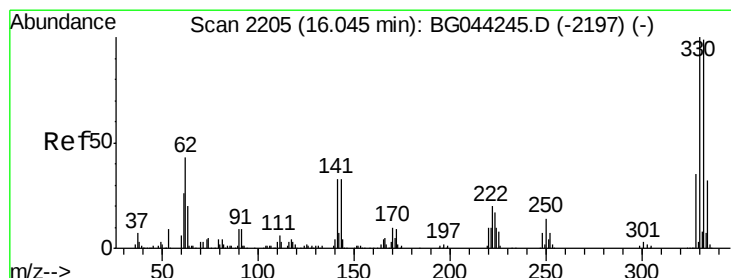
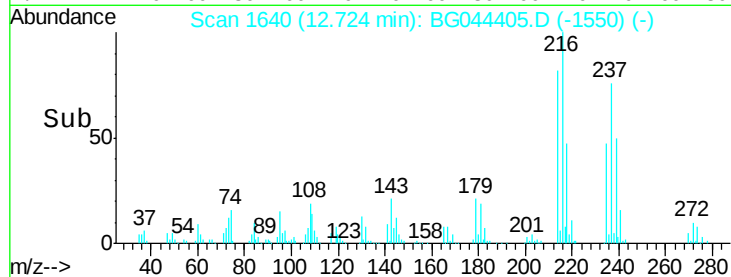
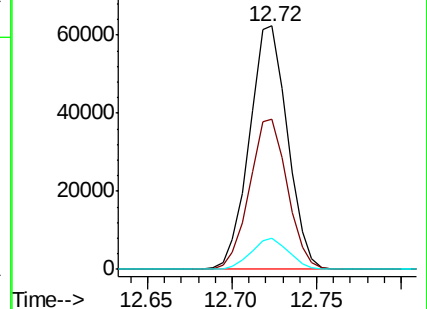
272 12.8 0.0 32.4



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: 86.743 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG044405.D

Acq: 12 Feb 2020 12:27

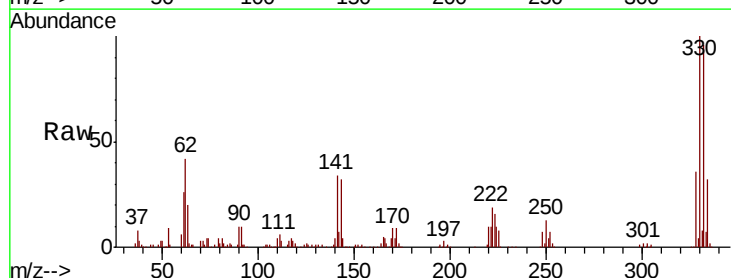
Tgt Ion:330 Resp: 210560

Ion Ratio Lower Upper

330 100

332 96.3 77.2 115.8

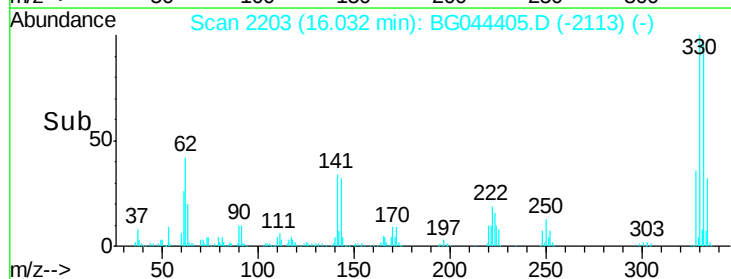
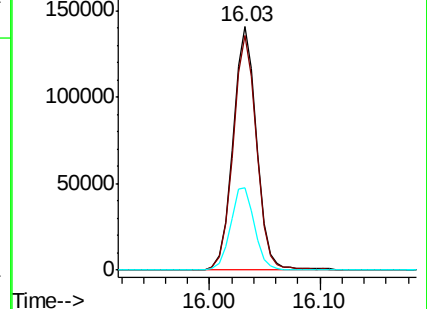
141 34.5 28.3 42.5



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

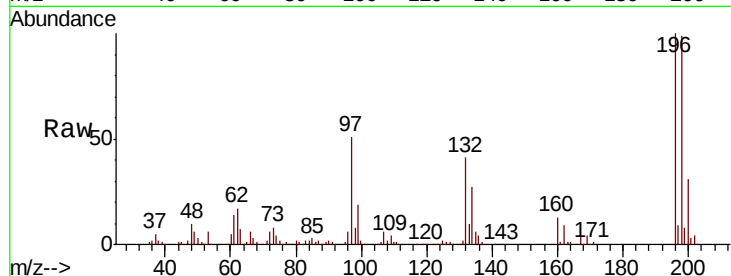




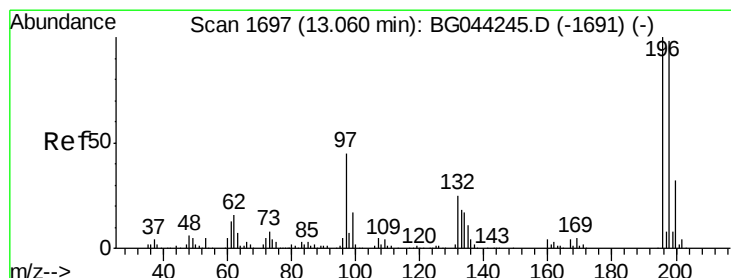
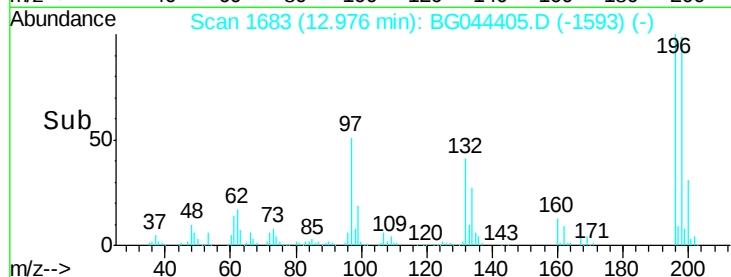
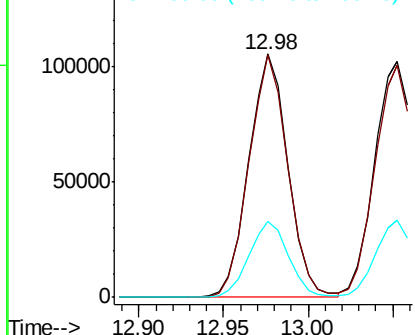
#43
 2,4,6-Trichlorophenol
 Concen: 42.401 ng
 RT: 12.98 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: BG044405.D
 Acq: 12 Feb 2020 12:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 169517
 Ion Ratio Lower Upper
 196 100
 198 99.3 79.3 118.9
 200 31.3 25.7 38.5



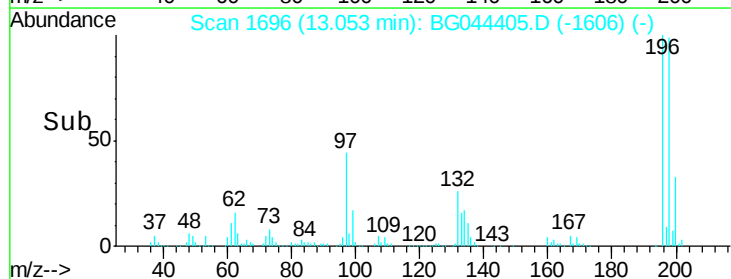
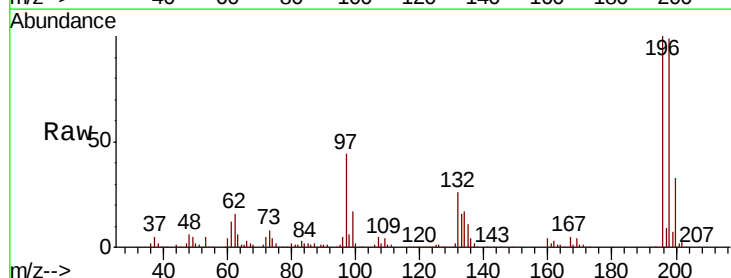
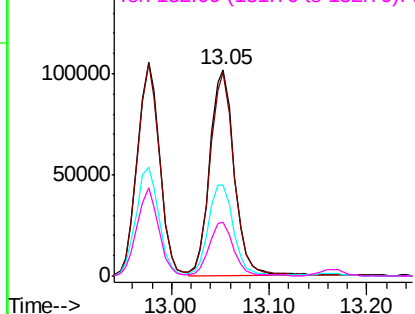
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

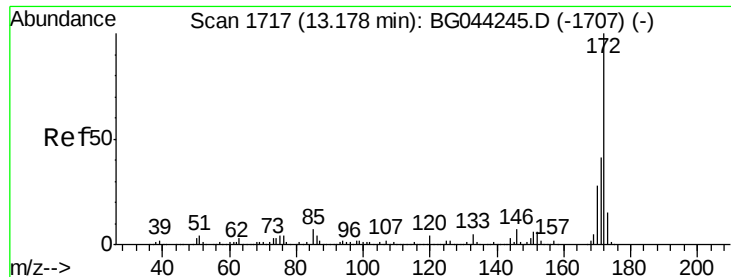


#44
 2,4,5-Trichlorophenol
 Concen: 43.337 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BG044405.D
 Acq: 12 Feb 2020 12:27

Tgt Ion:196 Resp: 176970
 Ion Ratio Lower Upper
 196 100
 198 98.5 78.2 117.2
 97 44.0 36.2 54.4
 132 26.1 20.2 30.4

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E



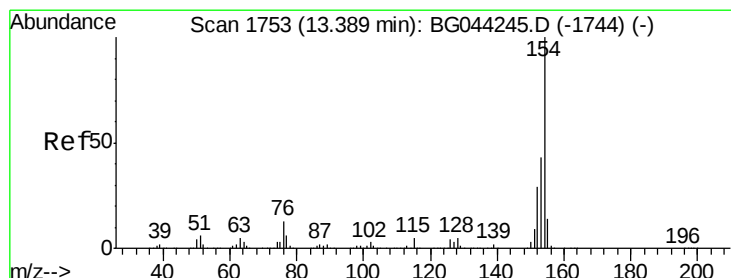
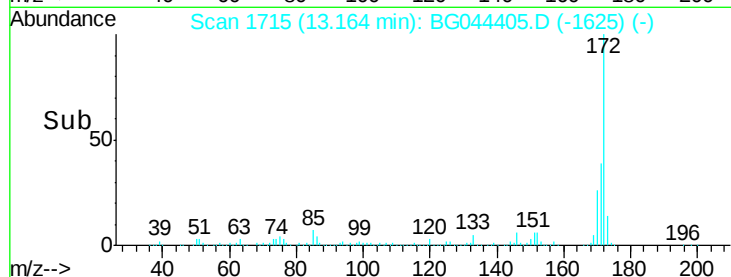
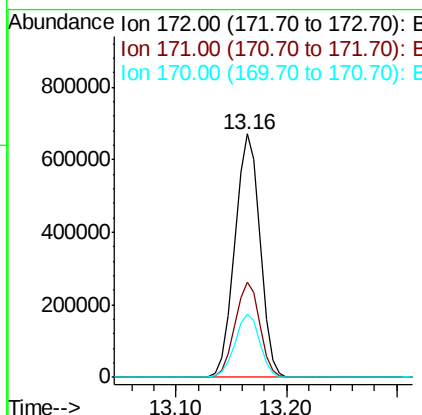
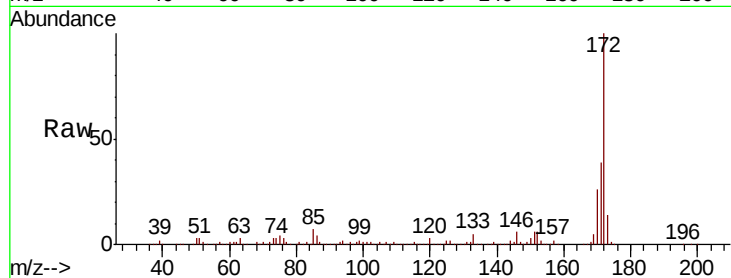


#45
 2-Fluorobiphenyl
 Concen: 86.896 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG044405.D
 Acq: 12 Feb 2020 12:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1072991

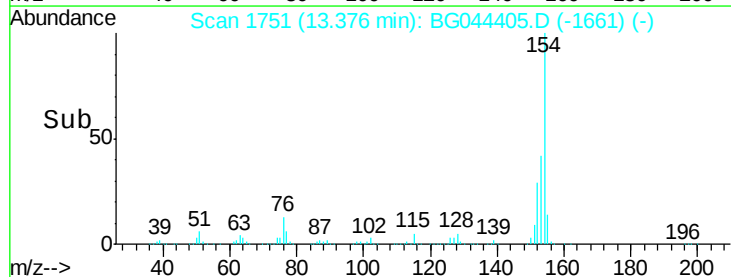
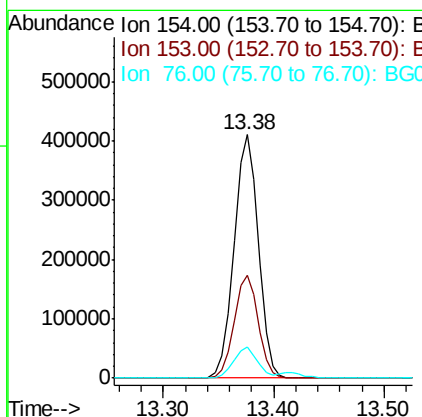
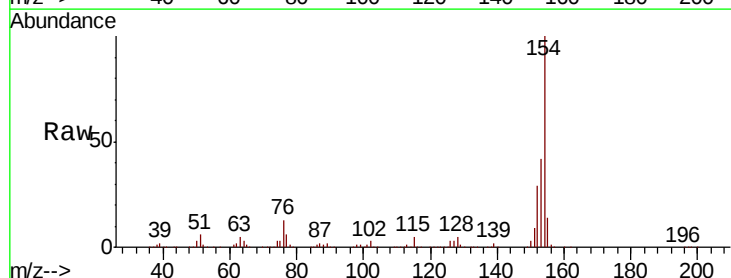
Ion	Ratio	Lower	Upper
172	100		
171	39.2	32.9	49.3
170	26.2	22.0	33.0

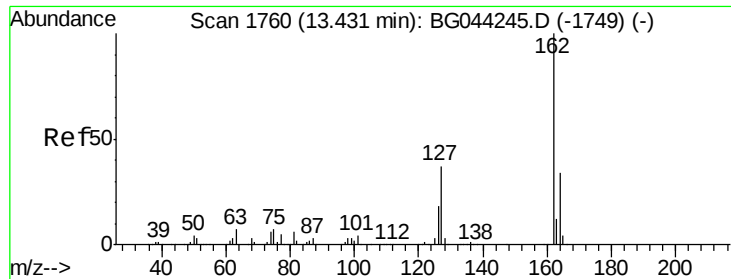


#46
 1,1'-Biphenyl
 Concen: 42.386 ng
 RT: 13.38 min Scan# 1751
 Delta R.T. 0.00 min
 Lab File: BG044405.D
 Acq: 12 Feb 2020 12:27

Tgt Ion:154 Resp: 632171

Ion	Ratio	Lower	Upper
154	100		
153	42.0	22.7	62.7
76	12.6	0.0	32.9

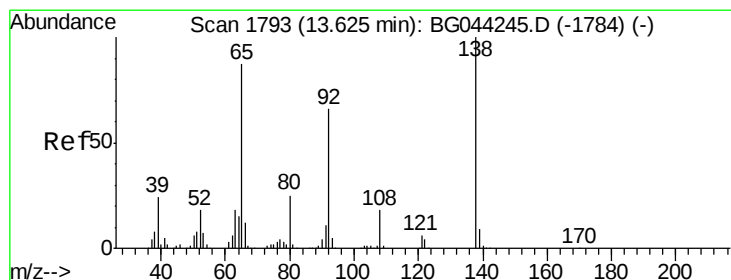
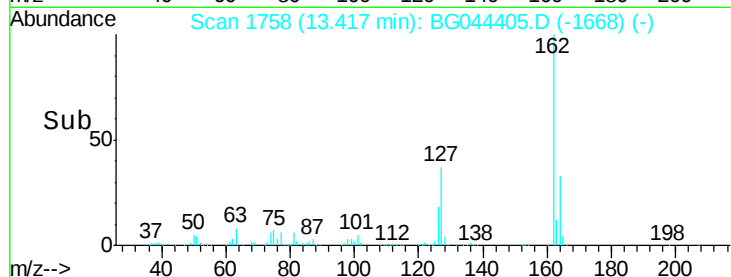
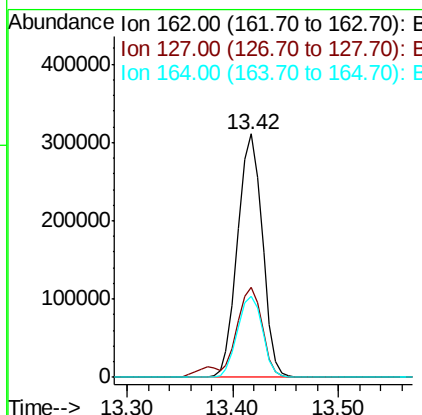
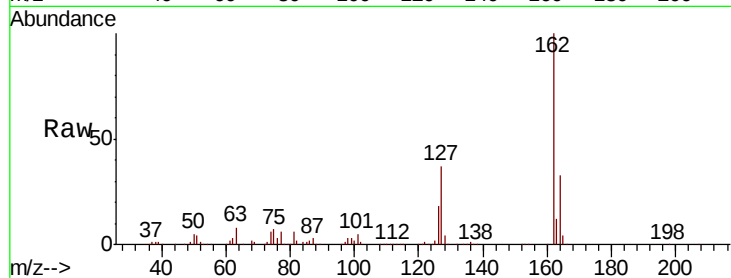




#47
 2-Chloronaphthalene
 Concen: 42.428 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: BG044405.D
 Acq: 12 Feb 2020 12:27

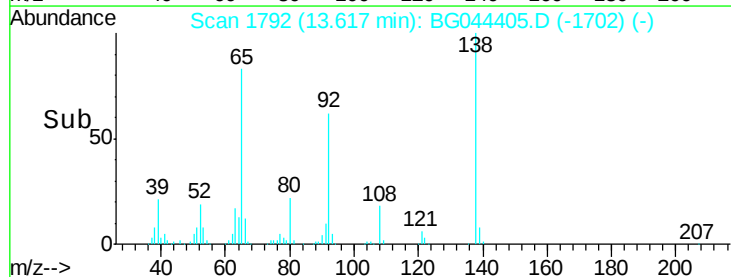
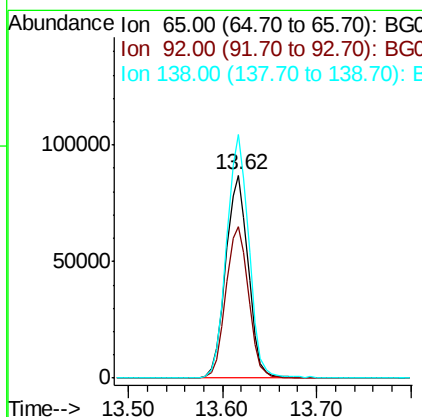
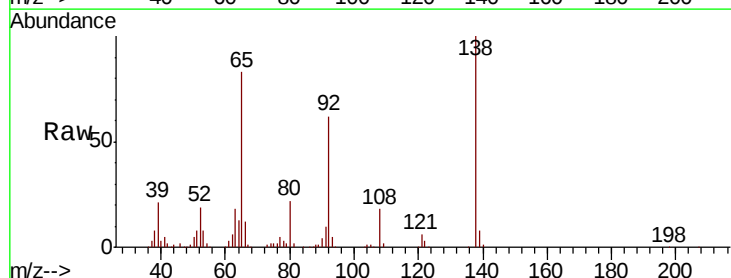
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.8	30.0	45.0
164	33.3	27.2	40.8



#48
 2-Nitroaniline
 Concen: 41.551 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: BG044405.D
 Acq: 12 Feb 2020 12:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.9	60.3	90.5
138	120.1	91.9	137.9





#49

Acenaphthylene

Concen: 42.917 ng

RT: 14.26 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BG044405.D

Acq: 12 Feb 2020 12:27

Instrument :

BNA_G

ClientSampleId :

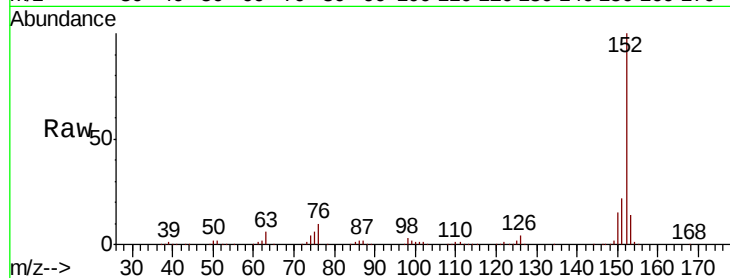
Tot Ion:152 Resp: 747082

Ion Ratio Lower Upper

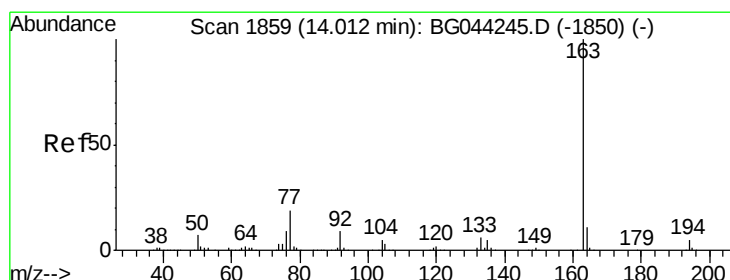
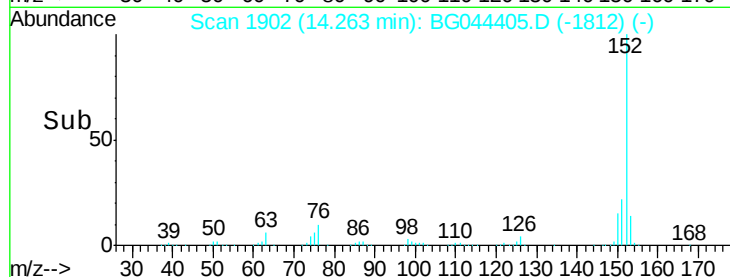
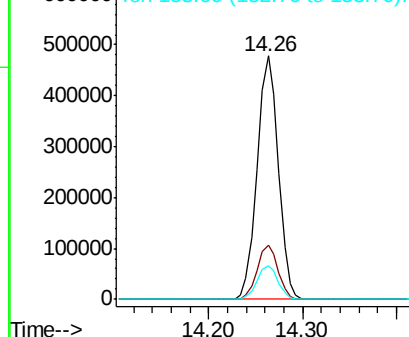
152 100

151 22.3 18.1 27.1

153 13.7 11.5 17.3



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



#50

Dimethylphthalate

Concen: 42.230 ng

RT: 14.00 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BG044405.D

Acq: 12 Feb 2020 12:27

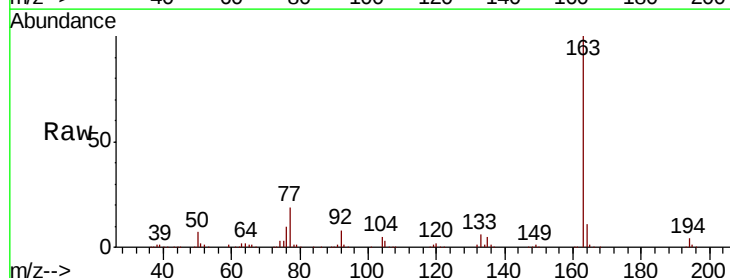
Tgt Ion:163 Resp: 627680

Ion Ratio Lower Upper

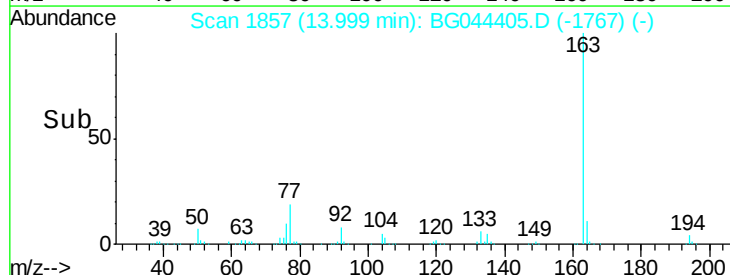
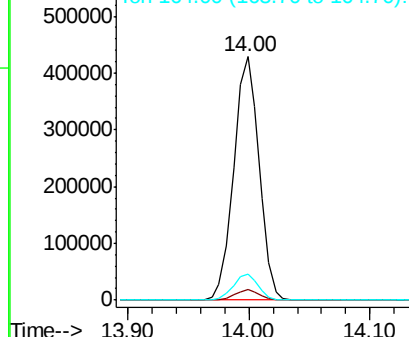
163 100

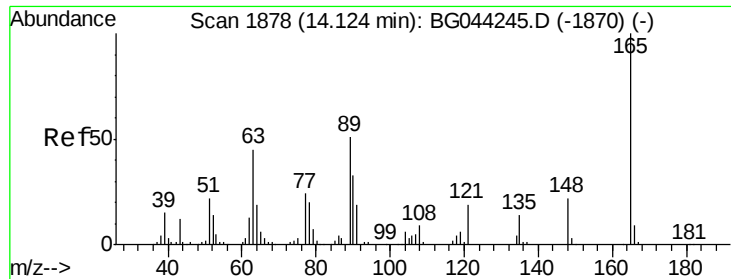
194 4.1 3.6 5.4

164 10.9 8.7 13.1



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

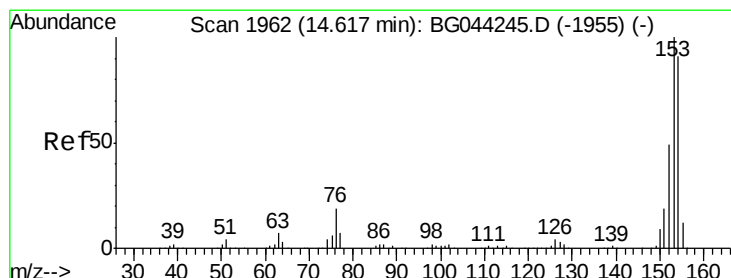
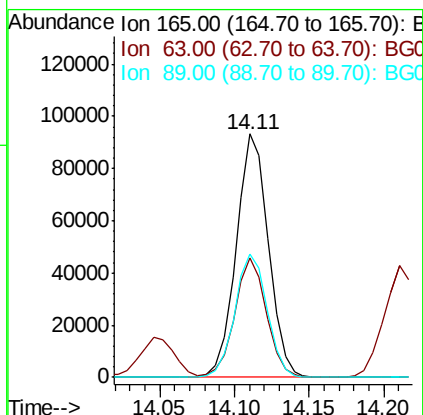
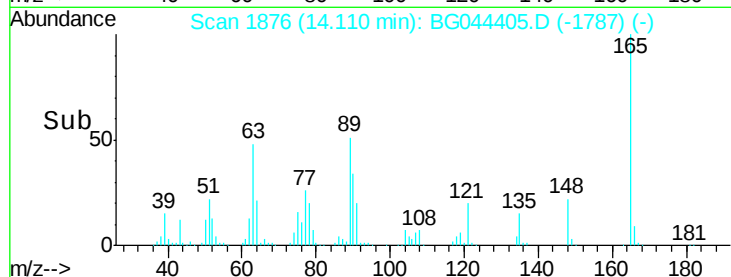
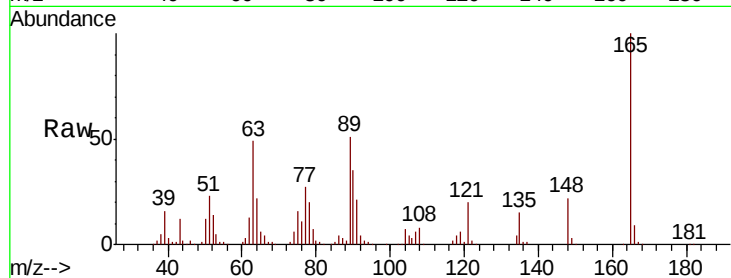




#51
 2,6-Dinitrotoluene
 Concen: 41.998 ng
 RT: 14.11 min Scan# 1876
 Delta R.T. -0.01 min
 Lab File: BG044405.D
 Acq: 12 Feb 2020 12:27

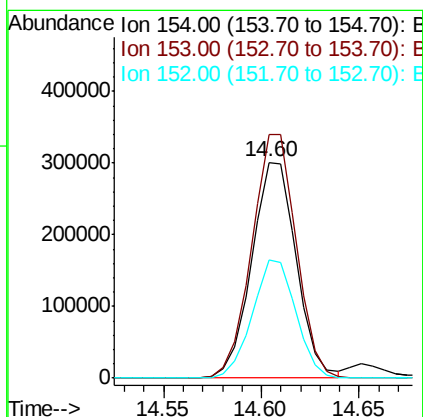
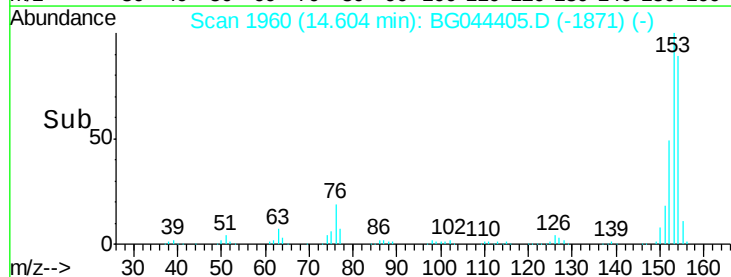
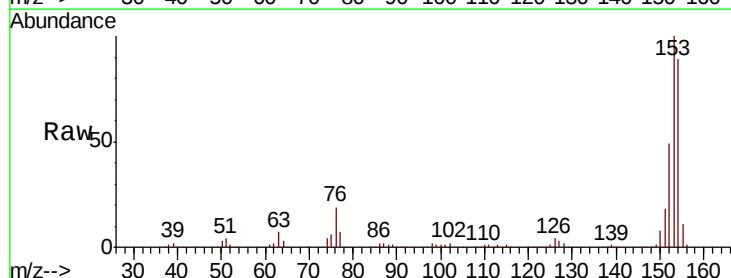
Instrument :
 BNA_G
 ClientSampleId :

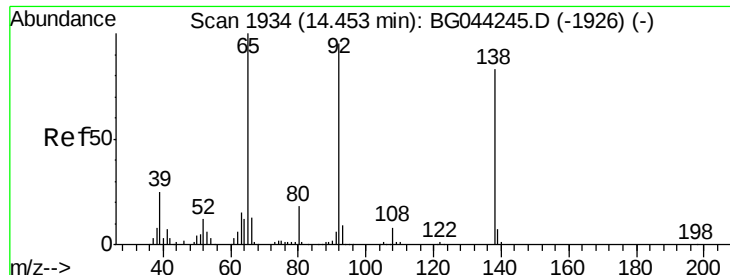
Tot Ion:165 Resp: 139185
 Ion Ratio Lower Upper
 165 100
 63 48.9 38.7 58.1
 89 50.7 40.4 60.6



#52
 Acenaphthene
 Concen: 42.257 ng
 RT: 14.60 min Scan# 1960
 Delta R.T. -0.01 min
 Lab File: BG044405.D
 Acq: 12 Feb 2020 12:27

Tgt Ion:154 Resp: 476791
 Ion Ratio Lower Upper
 154 100
 153 112.6 87.9 131.9
 152 54.7 43.1 64.7

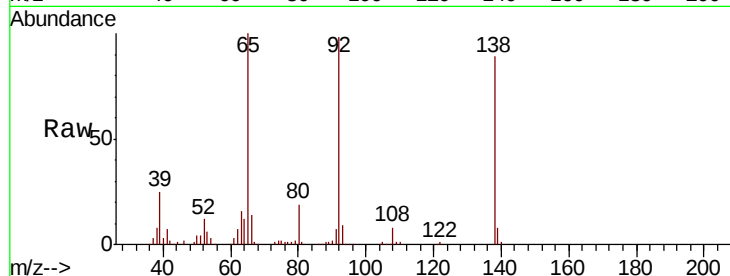




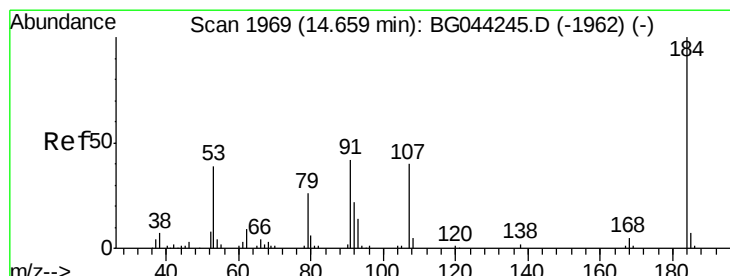
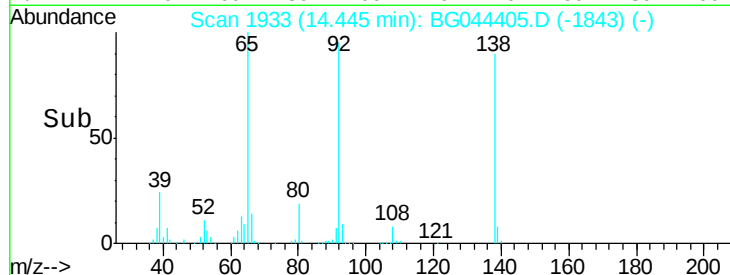
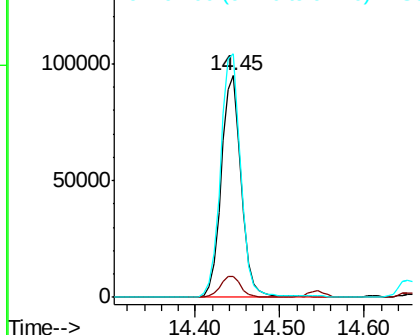
#53
3-Nitroaniline
Concen: 42.581 ng
RT: 14.45 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BG044405.D
Acq: 12 Feb 2020 12:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 156124
Ion Ratio Lower Upper
138 100
108 9.4 7.9 11.9
92 109.8 91.0 136.4

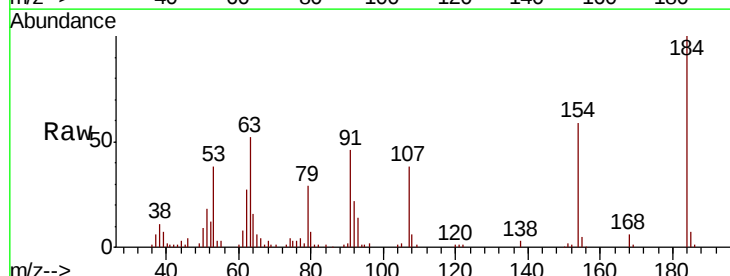


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): B

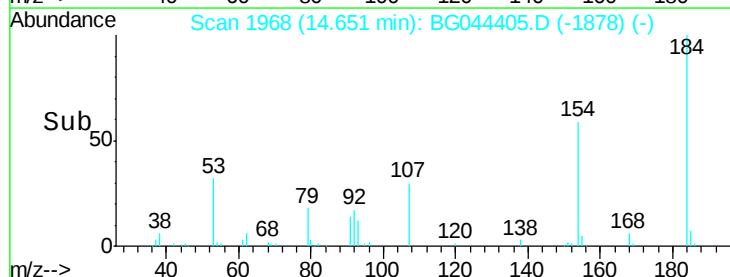
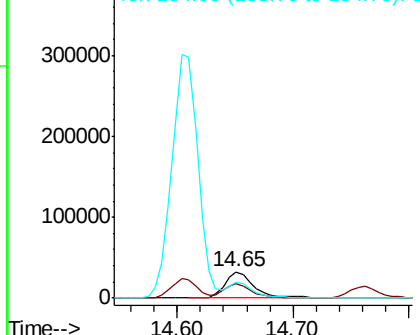


#54
2,4-Dinitrophenol
Concen: 34.762 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BG044405.D
Acq: 12 Feb 2020 12:27

Tgt Ion:184 Resp: 58904
Ion Ratio Lower Upper
184 100
63 52.3 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): B
Ion 154.00 (153.70 to 154.70): E

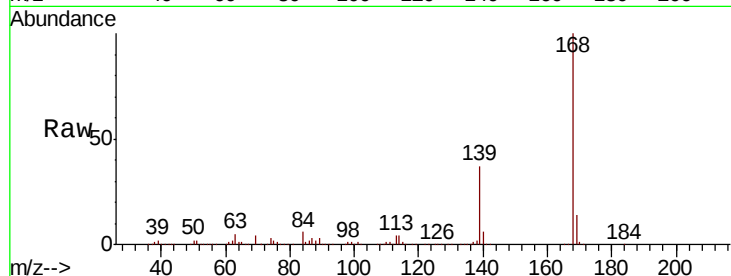




#55
Dibenzofuran
Concen: 42.980 ng
RT: 14.94 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BG044405.D
Acq: 12 Feb 2020 12:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.5	30.5	45.7
169	14.1	11.7	17.5

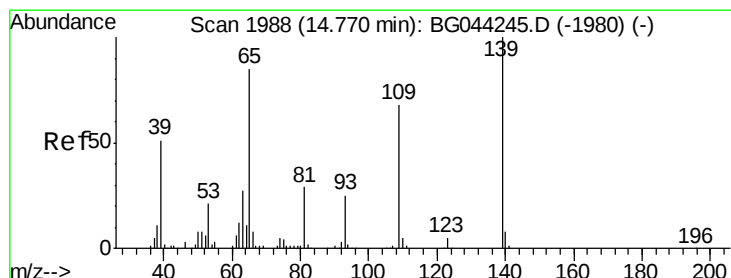
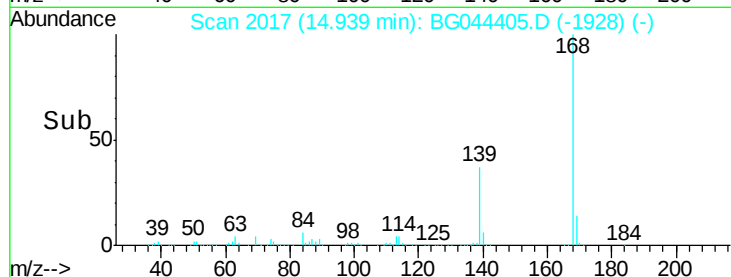
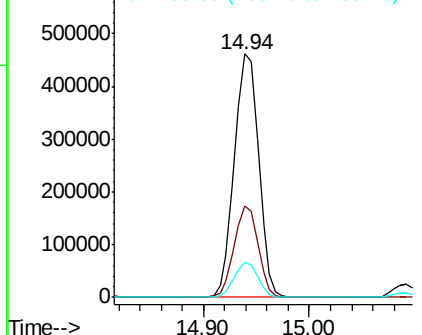


Abundance

Ion 168.00 (167.70 to 168.70): E

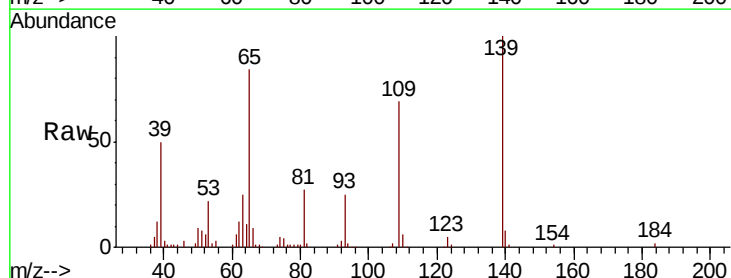
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 41.494 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG044405.D
Acq: 12 Feb 2020 12:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.6	47.5	87.5
65	84.4	64.9	104.9

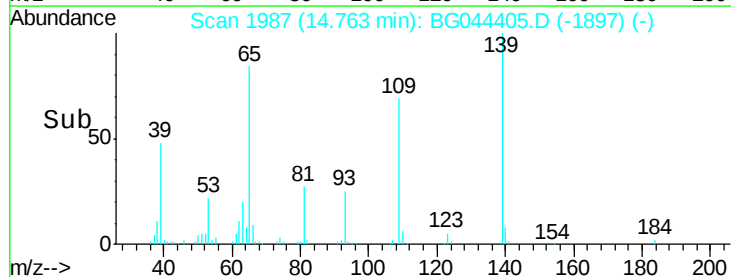
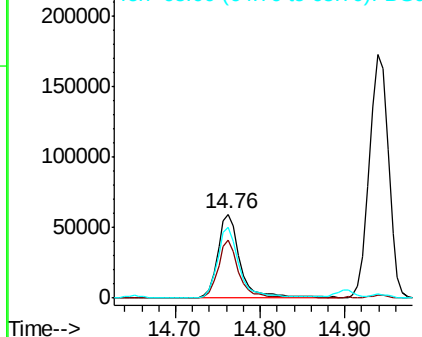


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGO

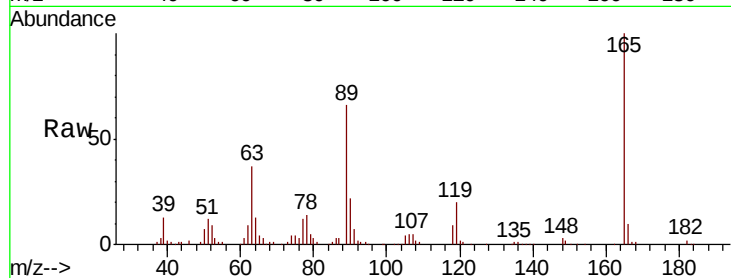




#57
2,4-Dinitrotoluene
Concen: 41.989 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG044405.D
Acq: 12 Feb 2020 12:27

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	36.8	30.3	45.5
89	65.5	53.4	80.2
182	2.5	2.1	3.1

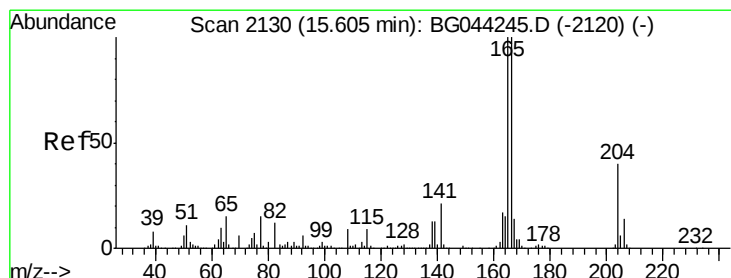
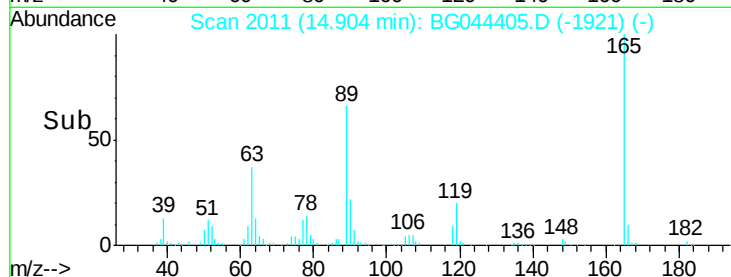
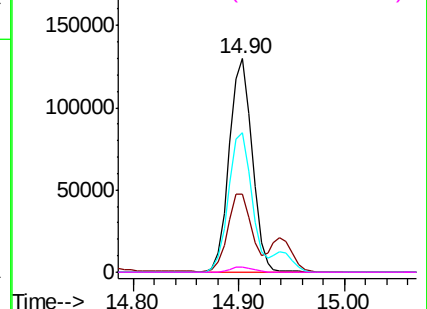


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

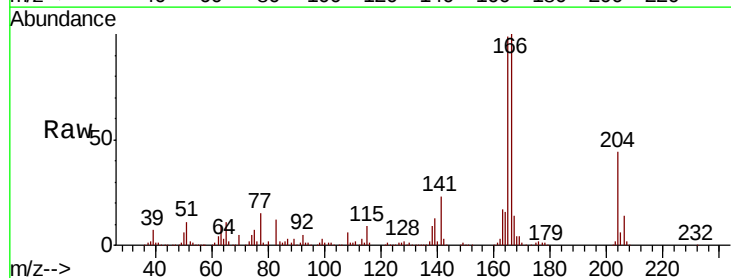
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 43.071 ng
RT: 15.59 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BG044405.D
Acq: 12 Feb 2020 12:27

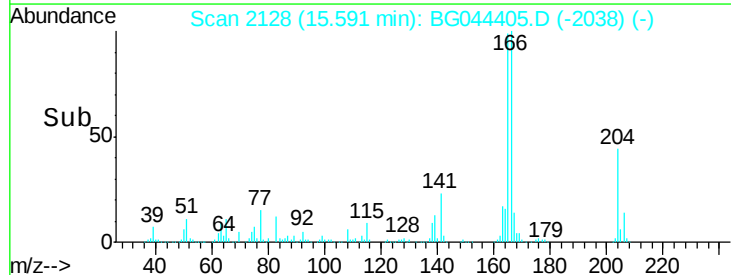
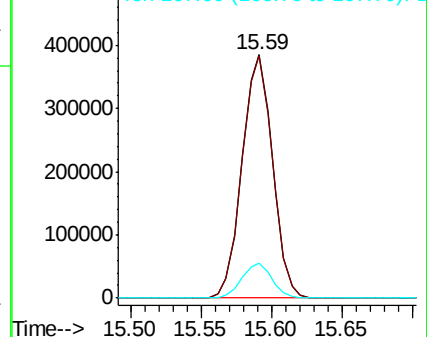
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.9	119.9
167	14.5	11.4	17.0



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

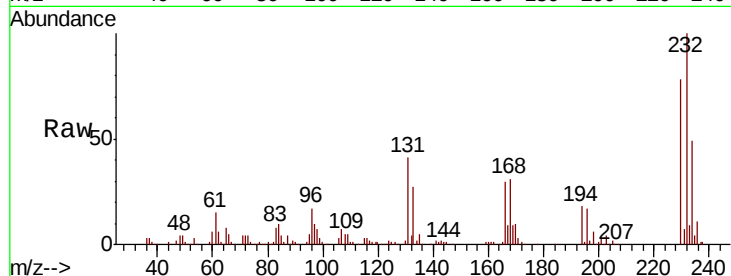




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.666 ng
RT: 15.17 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BG044405.D
Acq: 12 Feb 2020 12:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.1	34.2	51.4
130	2.3	1.8	2.8
166	29.8	23.8	35.8



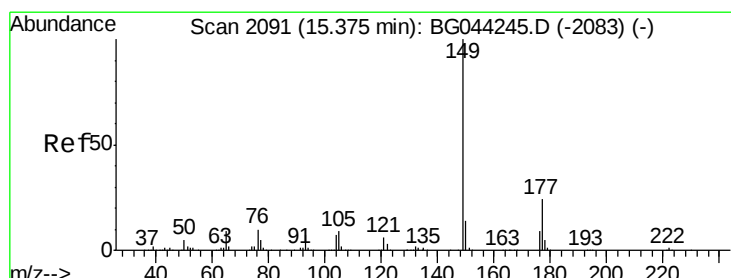
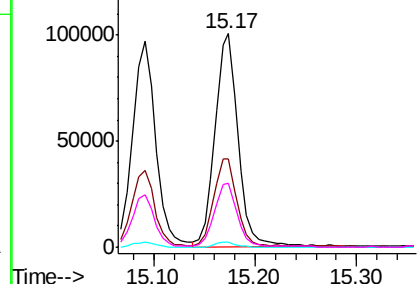
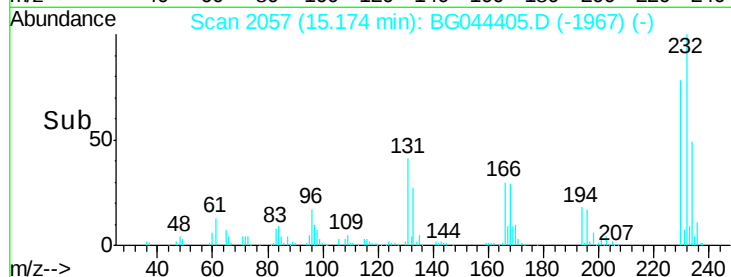
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

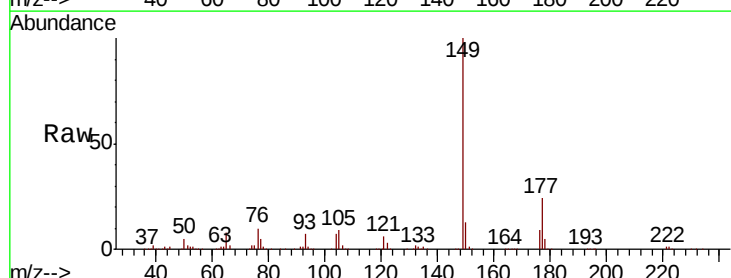
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 42.570 ng
RT: 15.36 min Scan# 2089
Delta R.T. -0.01 min
Lab File: BG044405.D
Acq: 12 Feb 2020 12:27

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.4	29.0
150	13.2	10.9	16.3

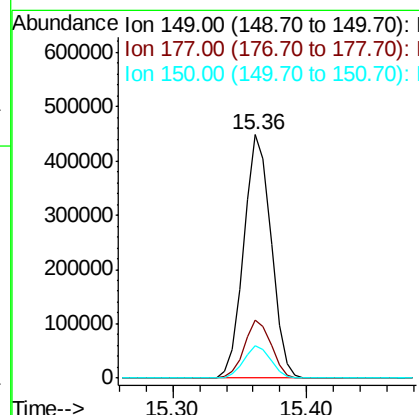
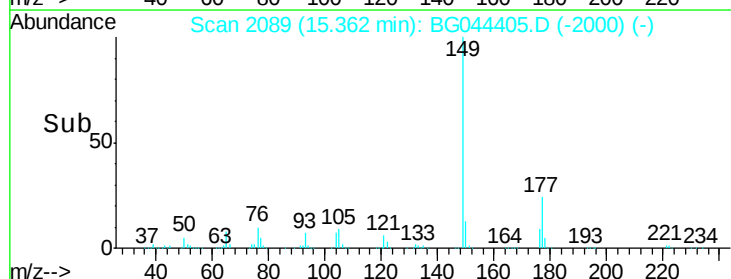


Abundance

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

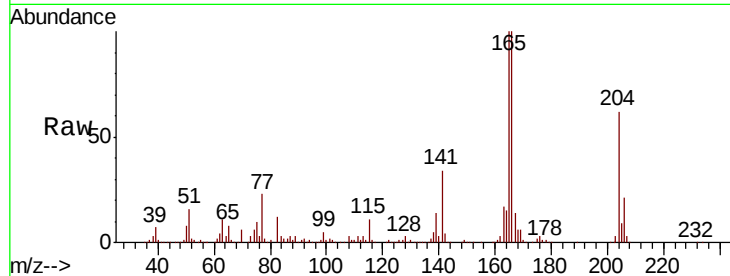




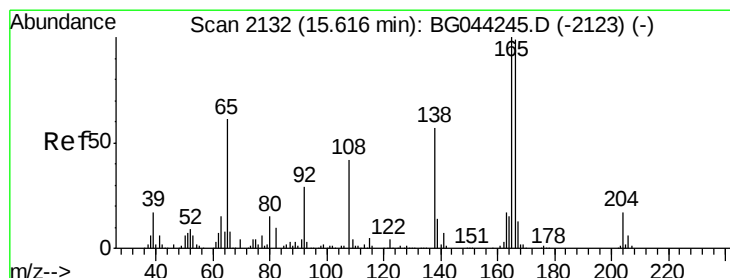
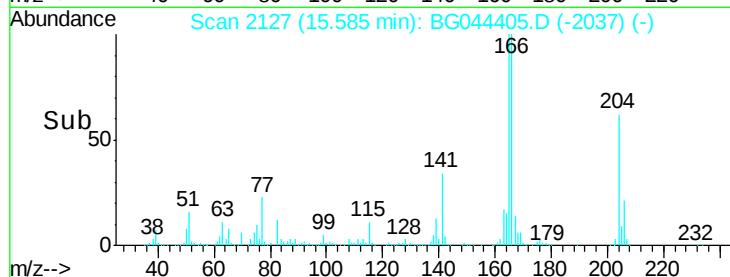
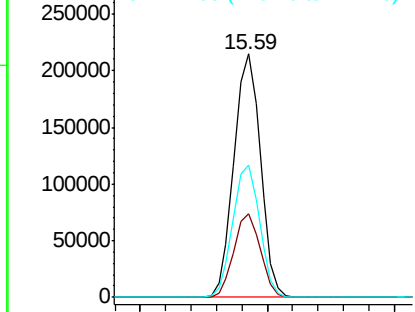
#61
4-Chlorophenyl-phenylether
Concen: 42.609 ng
RT: 15.59 min Scan# 2127
Delta R.T. 0.00 min
Lab File: BG044405.D
Acq: 12 Feb 2020 12:27

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 310856
Ion Ratio Lower Upper
204 100
206 34.1 27.6 41.4
141 54.3 43.4 65.0

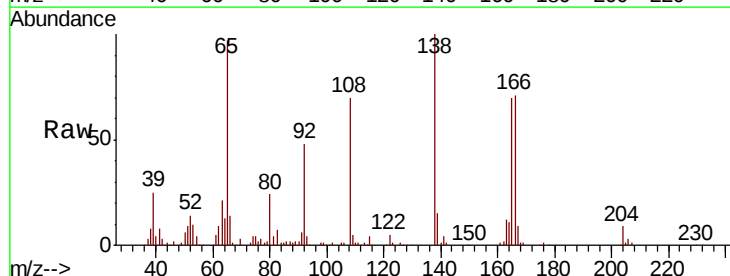


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

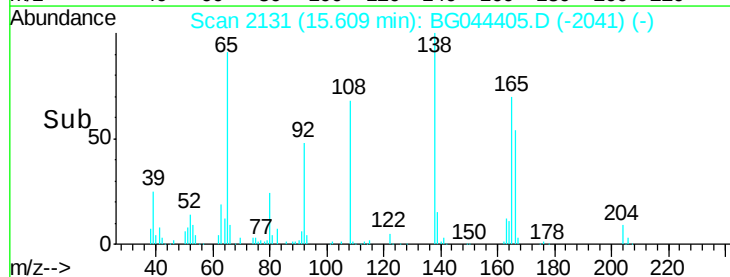
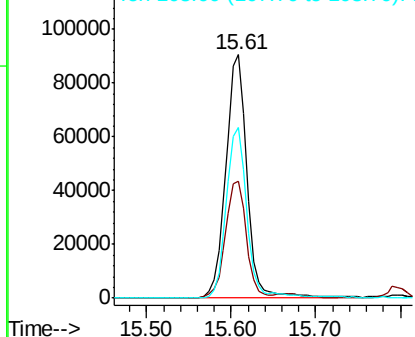


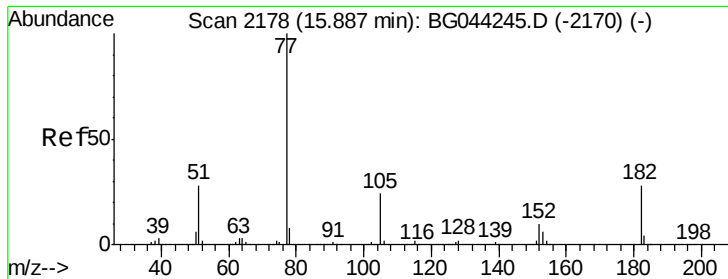
#62
4-Nitroaniline
Concen: 42.857 ng
RT: 15.61 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG044405.D
Acq: 12 Feb 2020 12:27

Tgt Ion:138 Resp: 157013
Ion Ratio Lower Upper
138 100
92 48.0 31.3 71.3
108 70.0 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: 42.261 ng

RT: 15.88 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BG044405.D

Acq: 12 Feb 2020 12:27

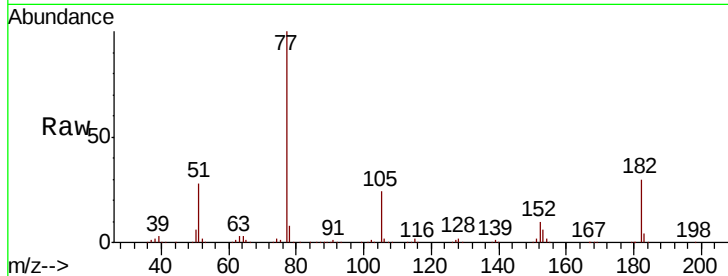
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 548557

Ion	Ratio	Lower	Upper
77	100		
182	29.8	8.2	48.2
105	23.7	3.6	43.6
51	28.3	8.3	48.3

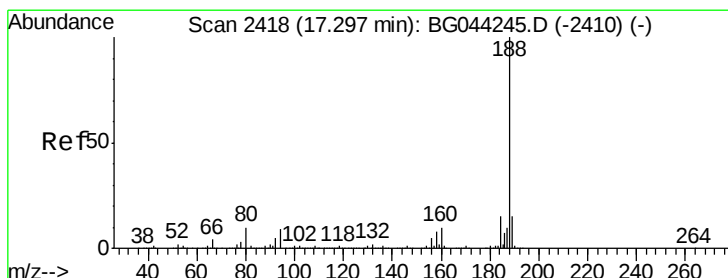
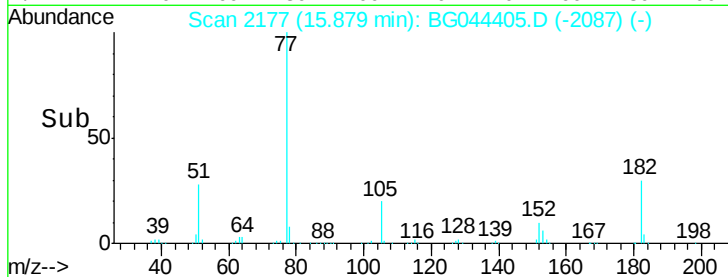


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.28 min Scan# 2416

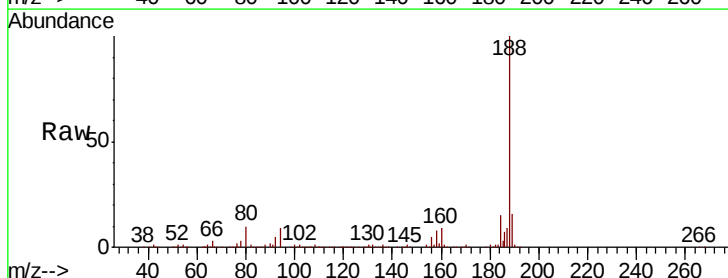
Delta R.T. -0.01 min

Lab File: BG044405.D

Acq: 12 Feb 2020 12:27

Tgt Ion: 188 Resp: 451534

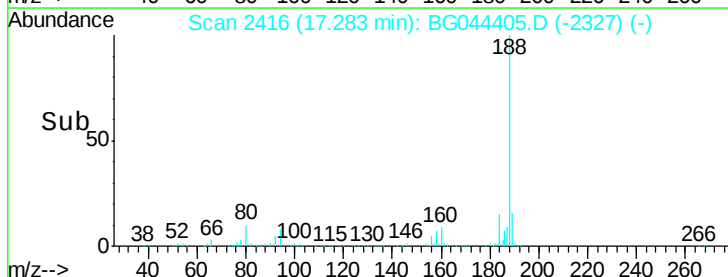
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.4	11.2
80	9.7	7.7	11.5



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

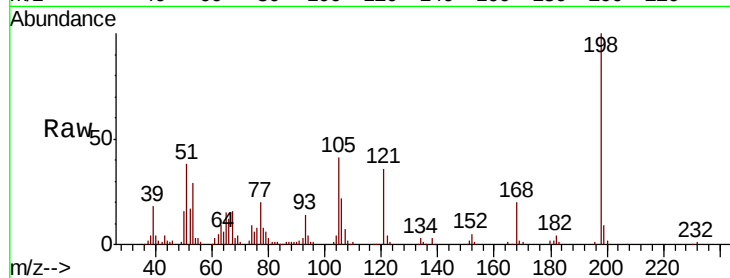




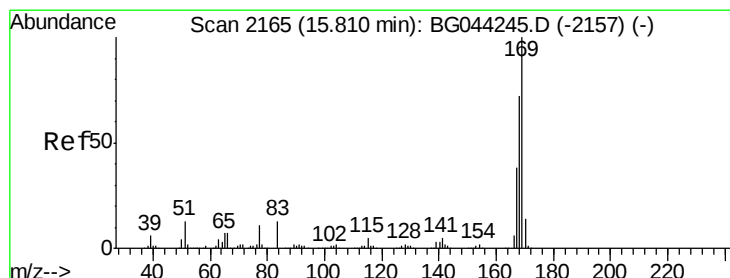
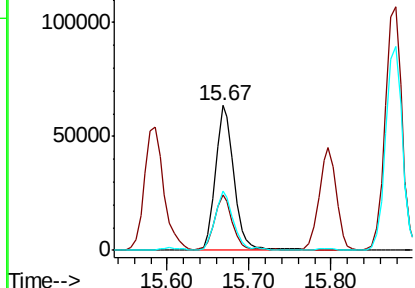
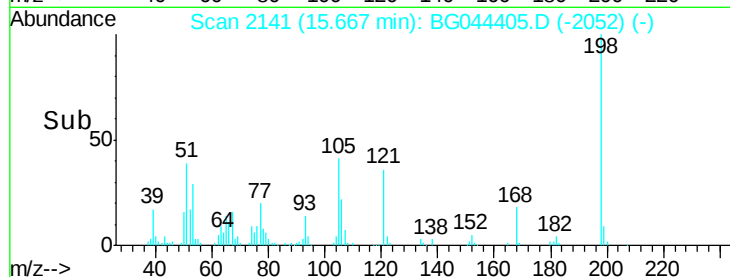
#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.476 ng
 RT: 15.67 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BG044405.D
 Acq: 12 Feb 2020 12:27

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	198	Resp	100885
Ion Ratio	100	Lower	Upper
51	38.4	16.6	56.6
105	41.2	20.6	60.6

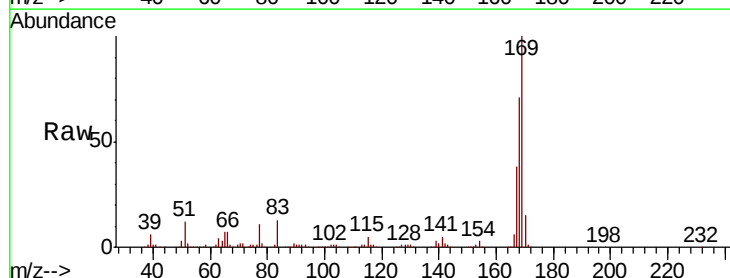


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

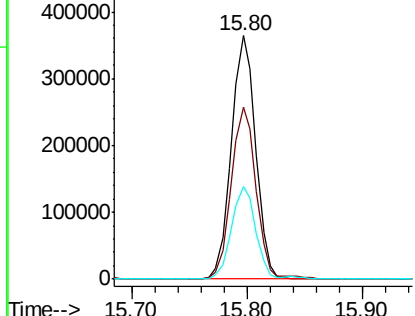
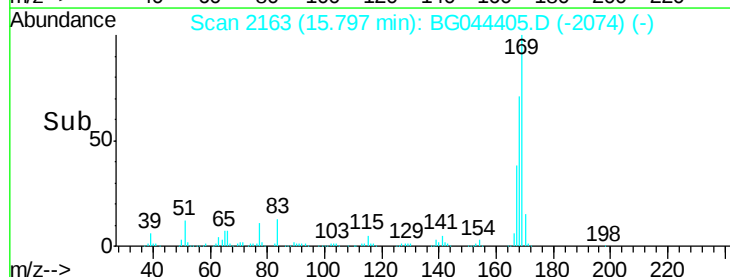


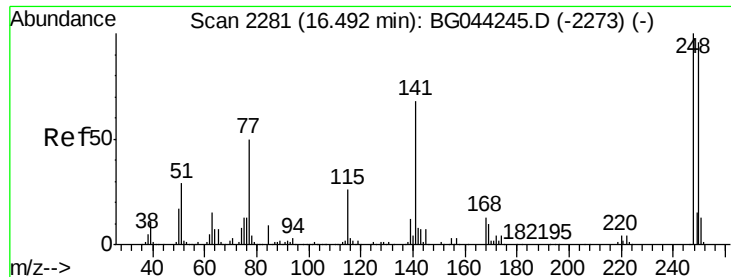
#66
 n-Nitrosodiphenylamine
 Concen: 41.813 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. -0.01 min
 Lab File: BG044405.D
 Acq: 12 Feb 2020 12:27

Tgt Ion	169	Resp	529098
Ion Ratio	100	Lower	Upper
168	70.6	57.9	86.9
167	37.8	30.7	46.1



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

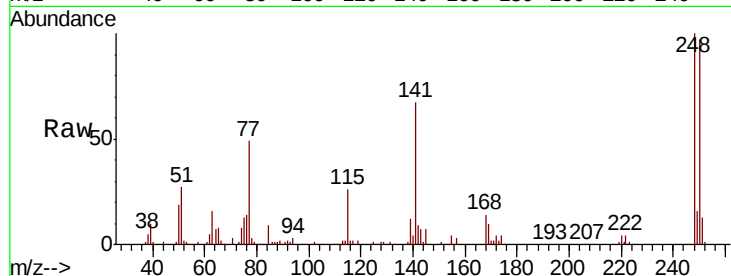




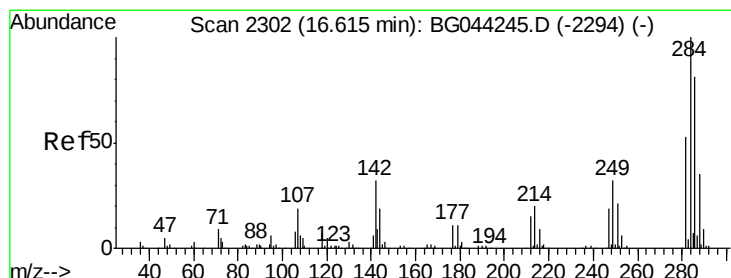
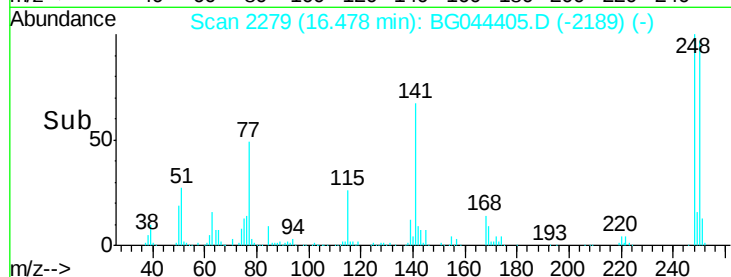
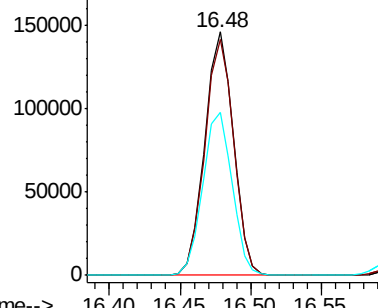
#67
4-Bromophenyl-phenylether
Concen: 42.073 ng
RT: 16.48 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BG044405.D
Acq: 12 Feb 2020 12:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 206975
Ion Ratio Lower Upper
248 100
250 96.7 76.6 114.8
141 66.8 54.7 82.1

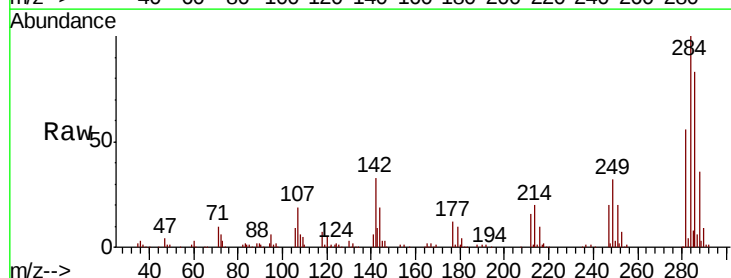


Abundance Ion 248.00 (247.70 to 248.70): E
200000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

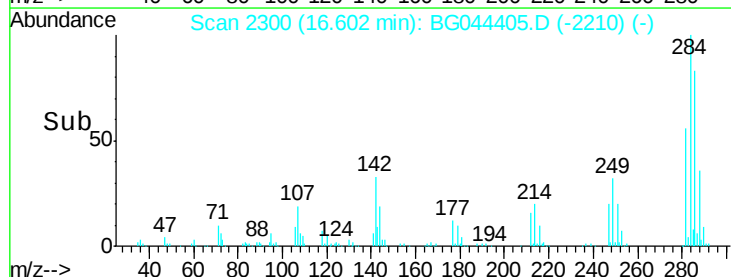
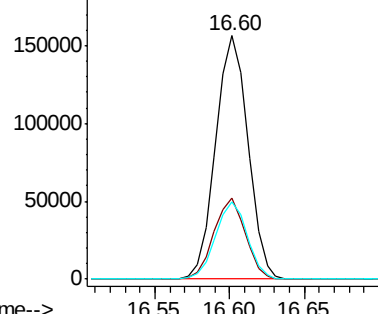


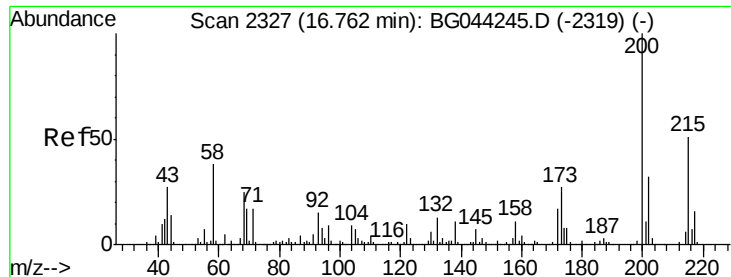
#68
Hexachlorobenzene
Concen: 42.388 ng
RT: 16.60 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BG044405.D
Acq: 12 Feb 2020 12:27

Tgt Ion:284 Resp: 233614
Ion Ratio Lower Upper
284 100
142 33.4 25.3 37.9
249 31.7 25.5 38.3



Abundance Ion 283.80 (283.50 to 284.50): E
200000 Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

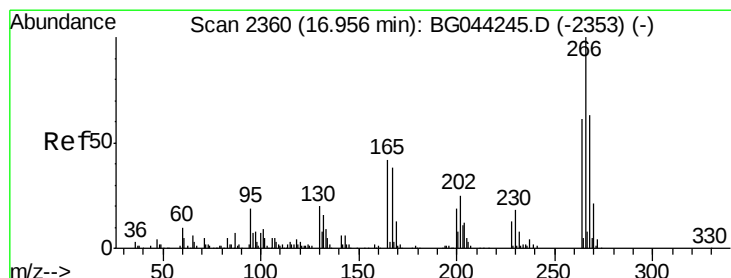
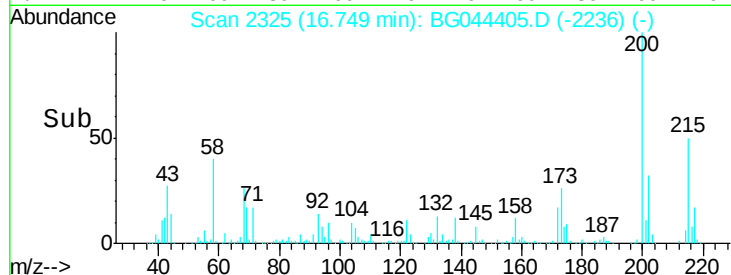
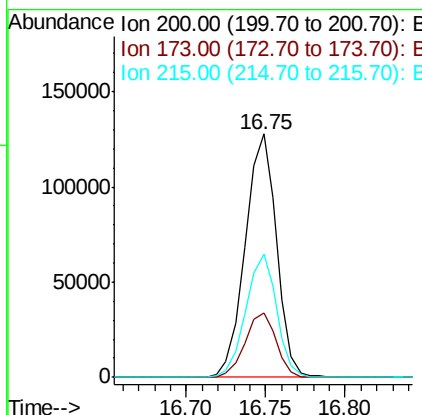
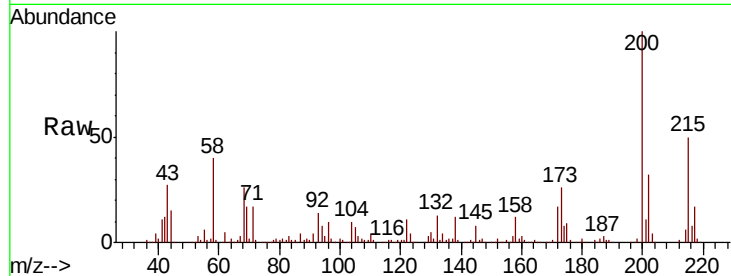




#69
 Atrazine
 Concen: 40.296 ng
 RT: 16.75 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG044405.D
 Acq: 12 Feb 2020 12:27

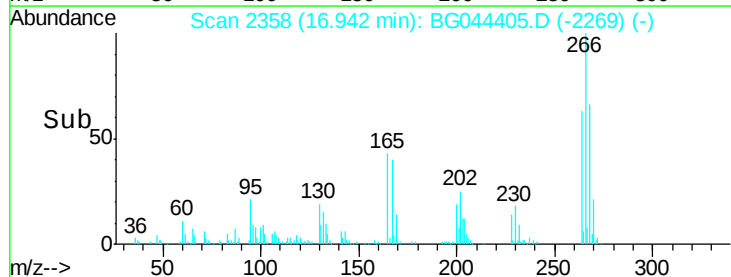
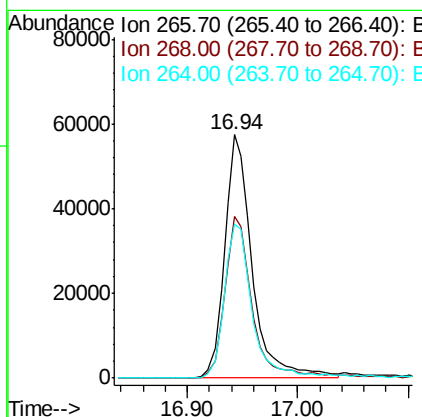
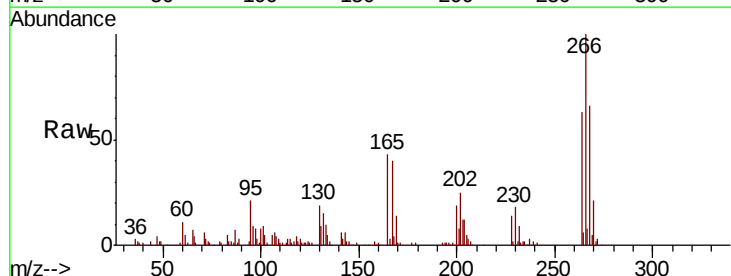
Instrument :
 BNA_G
 ClientSampleId :

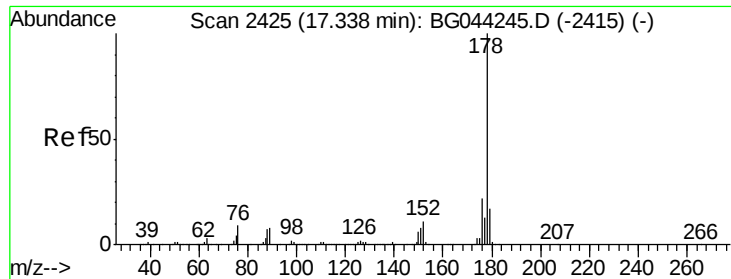
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.4	6.6	46.6
215	50.5	31.0	71.0



#70
 Pentachlorophenol
 Concen: 37.682 ng
 RT: 16.94 min Scan# 2358
 Delta R.T. -0.01 min
 Lab File: BG044405.D
 Acq: 12 Feb 2020 12:27

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.5	50.6	75.8
264	63.0	48.7	73.1

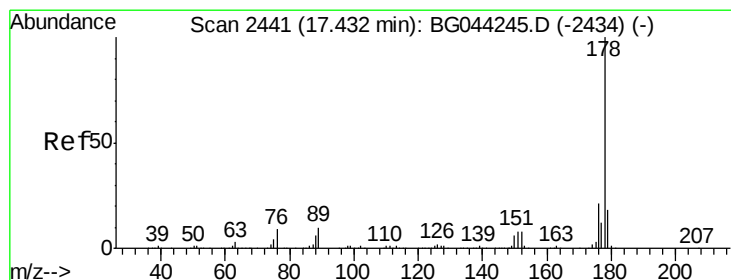
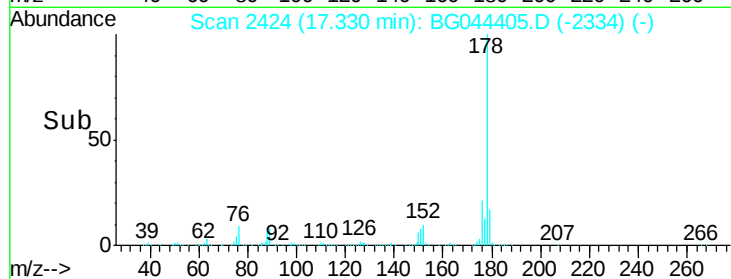
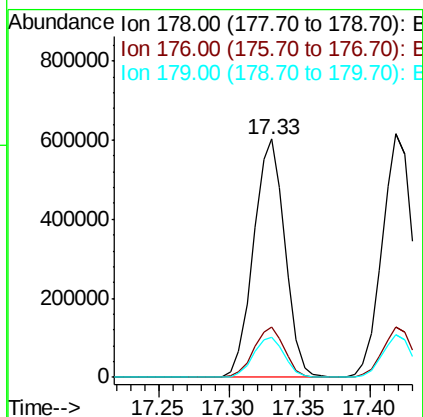
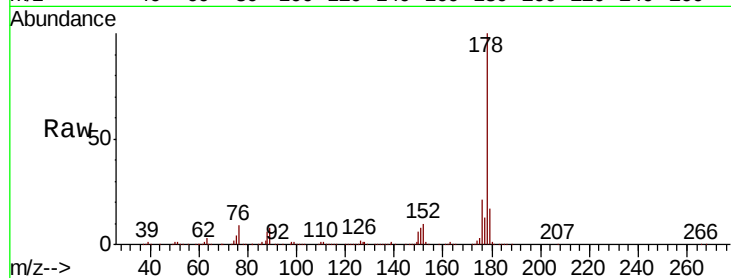




#71
Phenanthrene
Concen: 43.040 ng
RT: 17.33 min Scan# 2424
Delta R.T. 0.00 min
Lab File: BG044405.D
Acq: 12 Feb 2020 12:27

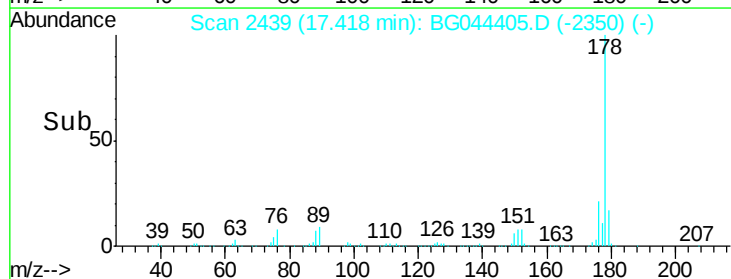
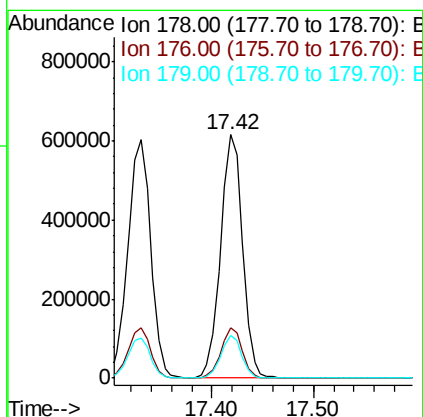
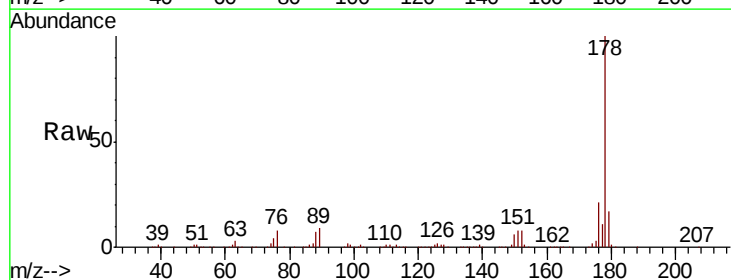
Instrument :
BNA_G
ClientSampleId :

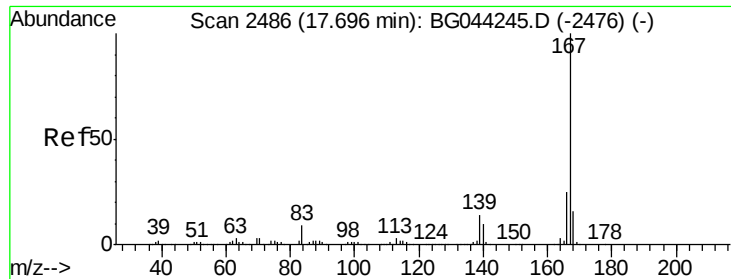
Tot Ion:178 Resp: 941058
Ion Ratio Lower Upper
178 100
176 21.2 17.7 26.5
179 16.7 13.7 20.5



#72
Anthracene
Concen: 42.873 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044405.D
Acq: 12 Feb 2020 12:27

Tgt Ion:178 Resp: 926778
Ion Ratio Lower Upper
178 100
176 20.8 17.0 25.4
179 17.4 14.4 21.6





#73

Carbazole

Concen: 42.442 ng

RT: 17.69 min Scan# 2485

Delta R.T. 0.00 min

Lab File: BG044405.D

Acq: 12 Feb 2020 12:27

Instrument :

BNA_G

ClientSampleId :

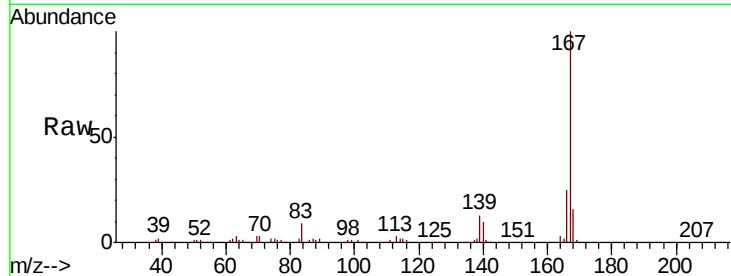
Tot Ion:167 Resp: 845792

Ion Ratio Lower Upper

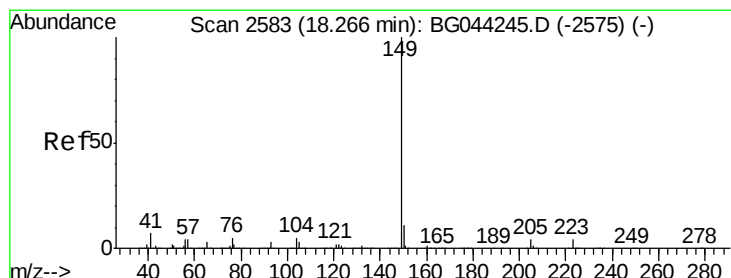
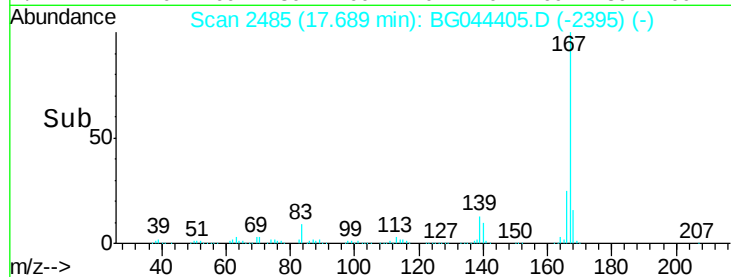
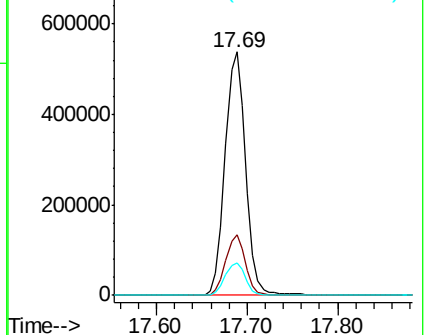
167 100

166 24.7 19.8 29.6

139 13.2 11.1 16.7



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



#74

Di-n-butylphthalate

Concen: 43.607 ng

RT: 18.25 min Scan# 2581

Delta R.T. -0.01 min

Lab File: BG044405.D

Acq: 12 Feb 2020 12:27

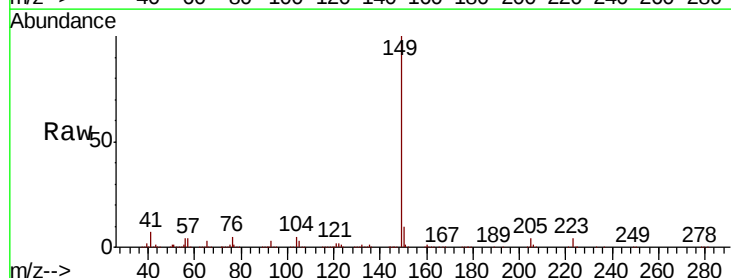
Tgt Ion:149 Resp: 1073894

Ion Ratio Lower Upper

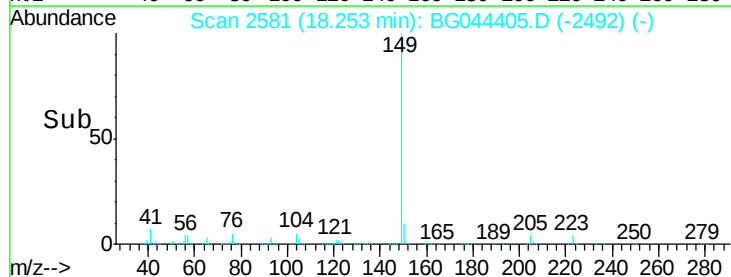
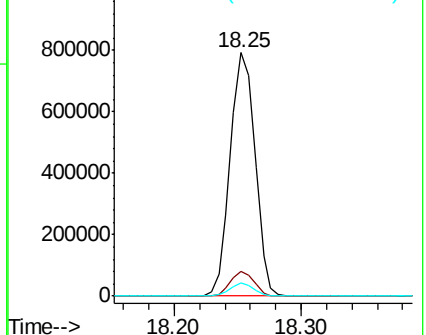
149 100

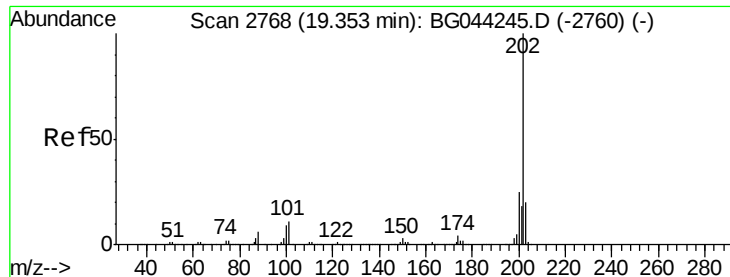
150 10.3 8.7 13.1

104 5.4 4.3 6.5



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





#75

Fluoranthene

Concen: 43.023 ng

RT: 19.34 min Scan# 2766

Delta R.T. 0.00 min

Lab File: BG044405.D

Acq: 12 Feb 2020 12:27

Instrument :

BNA_G

ClientSampleId :

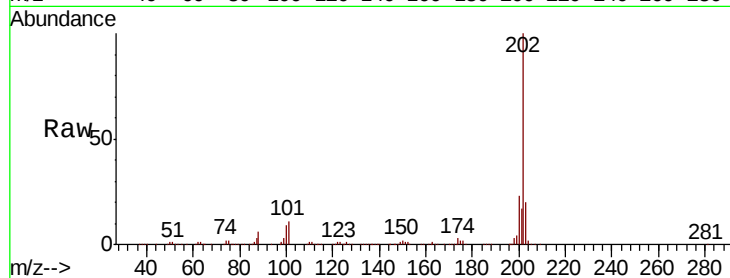
Tot Ion:202 Resp: 1088212

Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.3

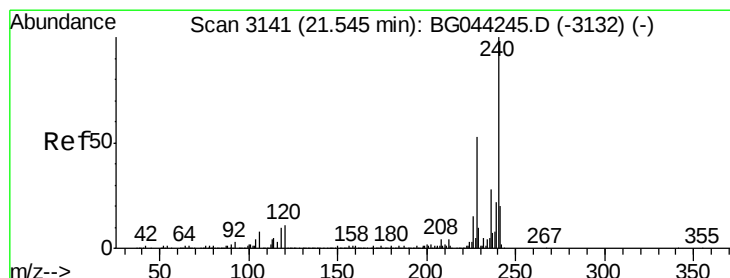
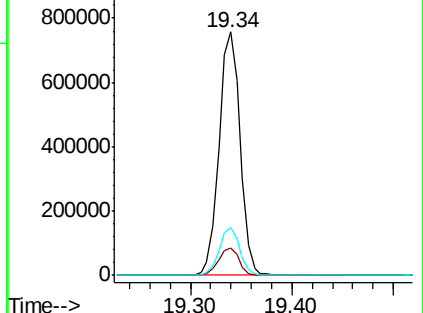
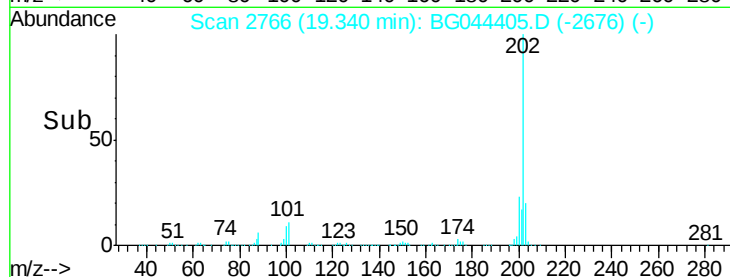
203 19.7 0.0 39.9



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. -0.01 min

Lab File: BG044405.D

Acq: 12 Feb 2020 12:27

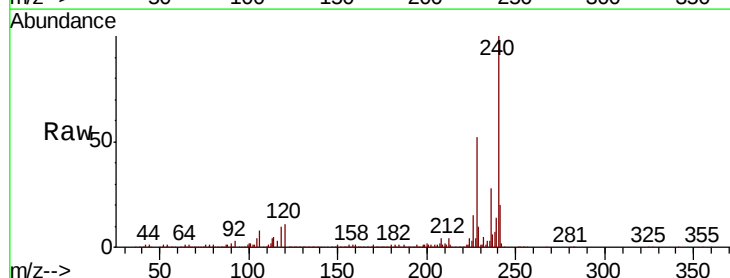
Tgt Ion:240 Resp: 423039

Ion Ratio Lower Upper

240 100

120 10.7 8.4 12.6

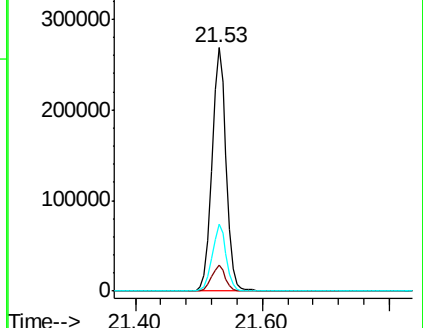
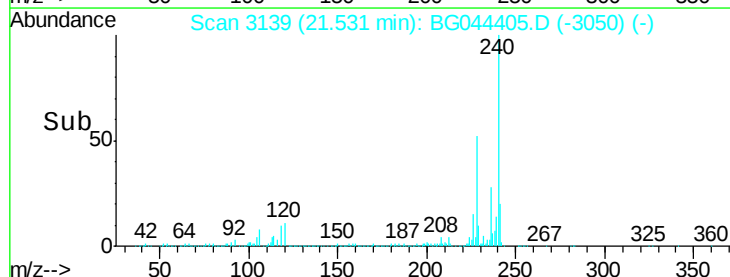
236 27.6 22.1 33.1

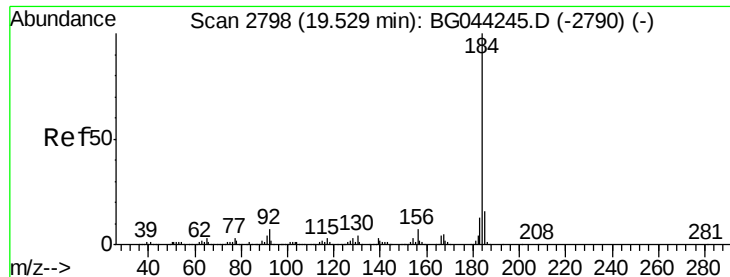


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.212 ng

RT: 19.52 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BG044405.D

Acq: 12 Feb 2020 12:27

Instrument :

BNA_G

ClientSampleId :

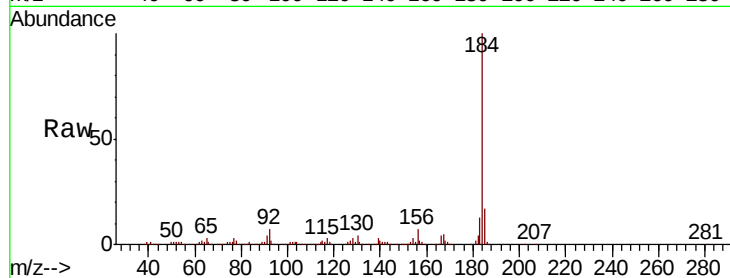
Tot Ion:184 Resp: 448383

Ion Ratio Lower Upper

184 100

185 17.3 12.9 19.3

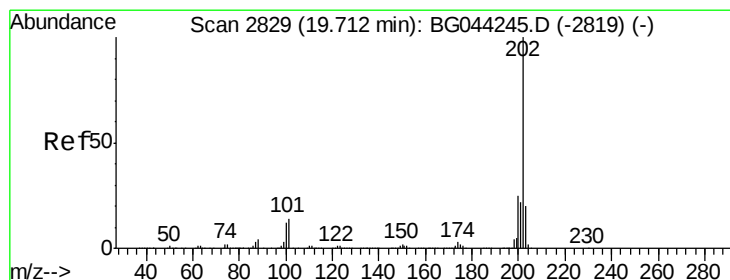
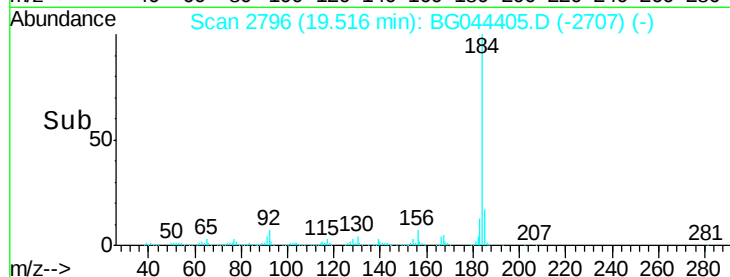
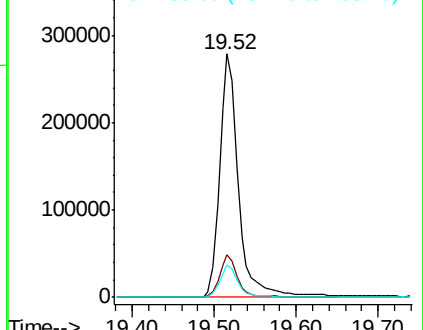
183 13.1 10.8 16.2



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: 40.247 ng

RT: 19.70 min Scan# 2827

Delta R.T. -0.01 min

Lab File: BG044405.D

Acq: 12 Feb 2020 12:27

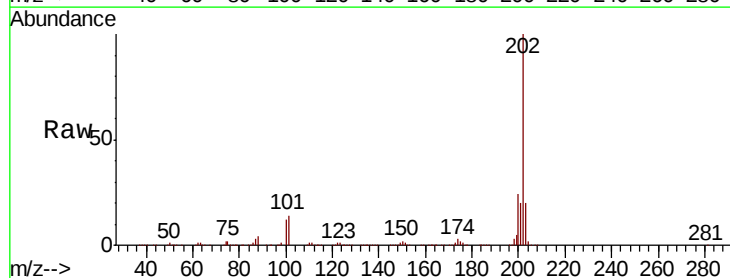
Tgt Ion:202 Resp: 1093431

Ion Ratio Lower Upper

202 100

200 23.5 20.0 30.0

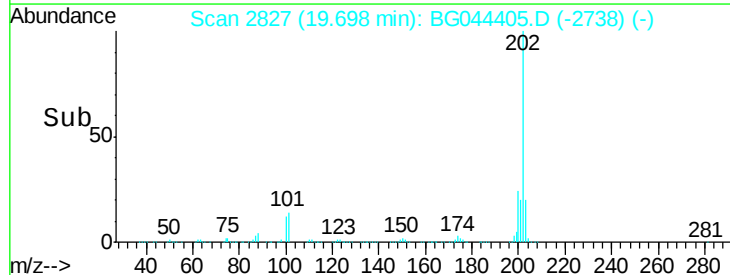
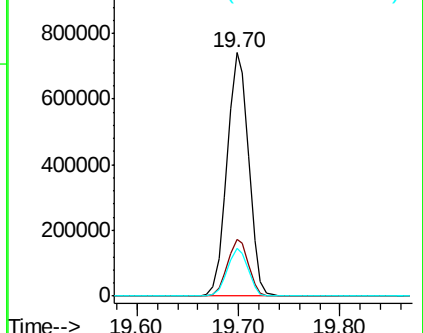
203 19.5 16.2 24.2



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: 76.097 ng

RT: 19.90 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG044405.D

Acq: 12 Feb 2020 12:27

Instrument :

BNA_G

ClientSampled :

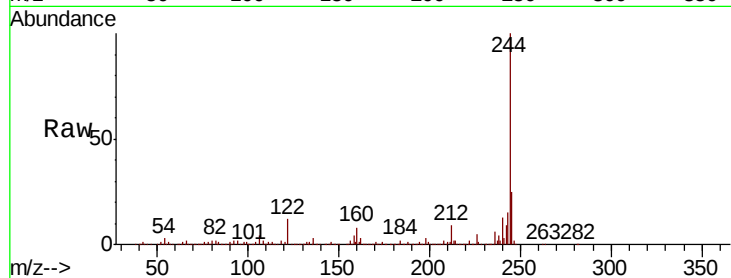
Tot Ion:244 Resp: 1565097

Ion Ratio Lower Upper

244 100

212 8.6 7.4 11.2

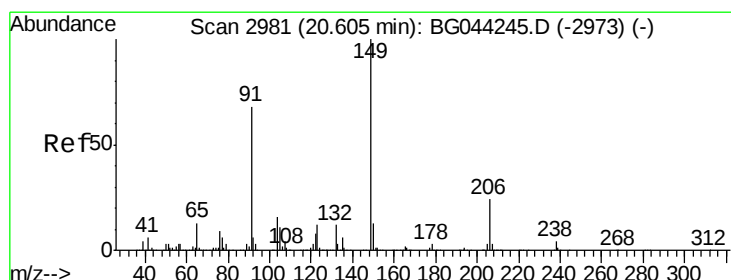
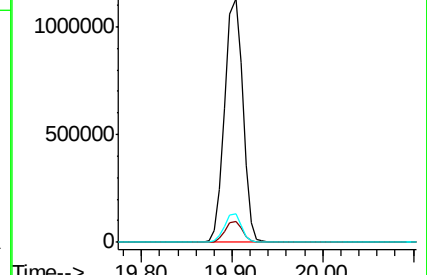
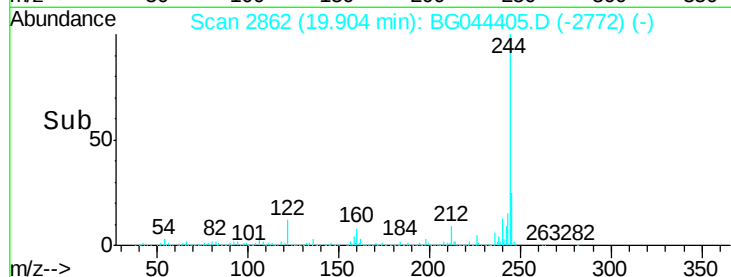
122 11.5 9.8 14.6



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: 39.103 ng

RT: 20.59 min Scan# 2979

Delta R.T. -0.01 min

Lab File: BG044405.D

Acq: 12 Feb 2020 12:27

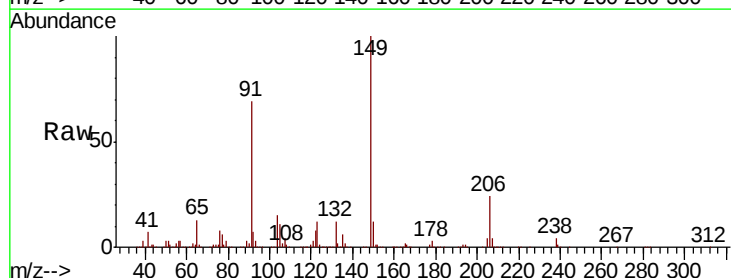
Tgt Ion:149 Resp: 484122

Ion Ratio Lower Upper

149 100

91 68.8 54.5 81.7

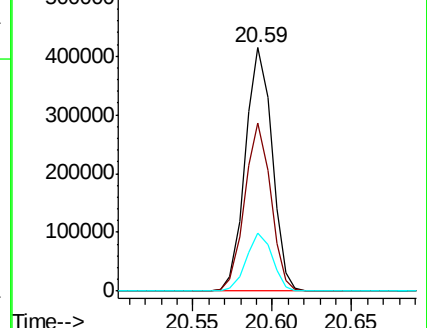
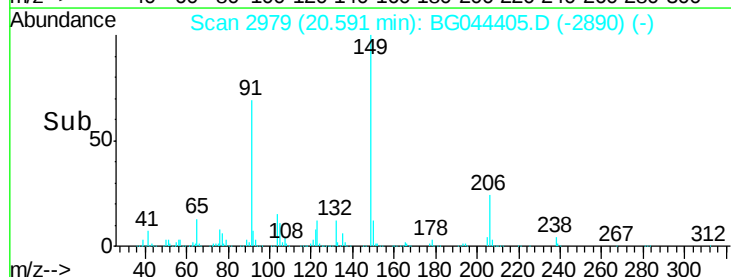
206 23.8 19.1 28.7

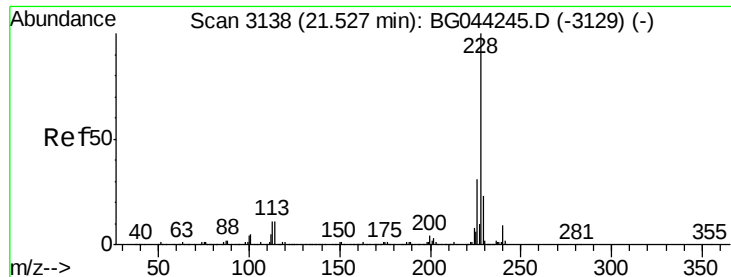


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.338 ng

RT: 21.51 min Scan# 3136

Delta R.T. 0.00 min

Lab File: BG044405.D

Acq: 12 Feb 2020 12:27

Instrument :

BNA_G

ClientSampleId :

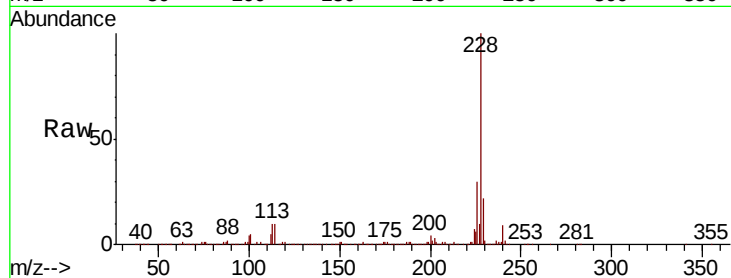
Tot Ion:228 Resp: 1051692

Ion Ratio Lower Upper

228 100

226 29.8 24.7 37.1

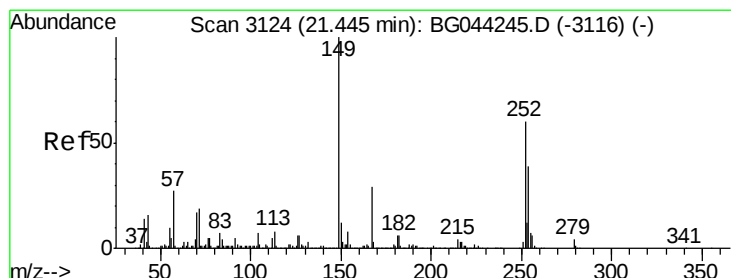
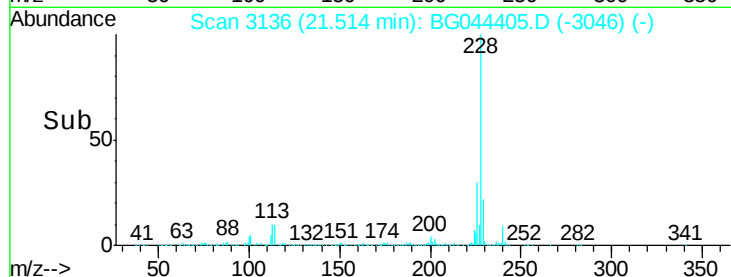
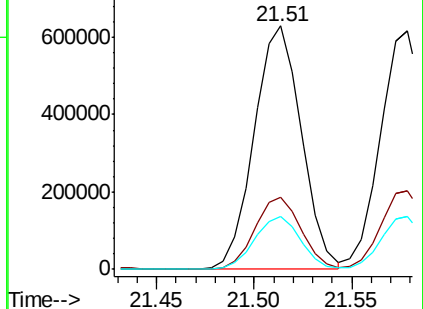
229 21.8 18.2 27.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.475 ng

RT: 21.43 min Scan# 3122

Delta R.T. -0.01 min

Lab File: BG044405.D

Acq: 12 Feb 2020 12:27

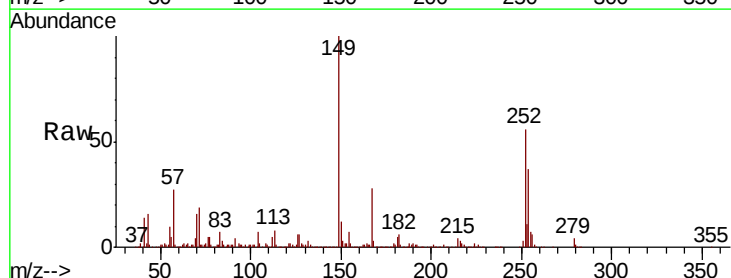
Tgt Ion:252 Resp: 399447

Ion Ratio Lower Upper

252 100

254 66.0 52.6 78.8

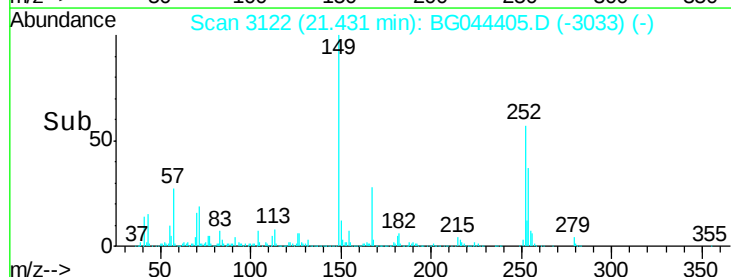
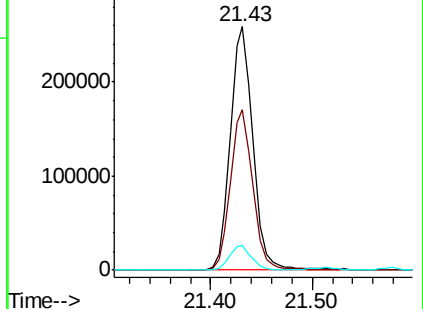
126 10.0 8.2 12.4

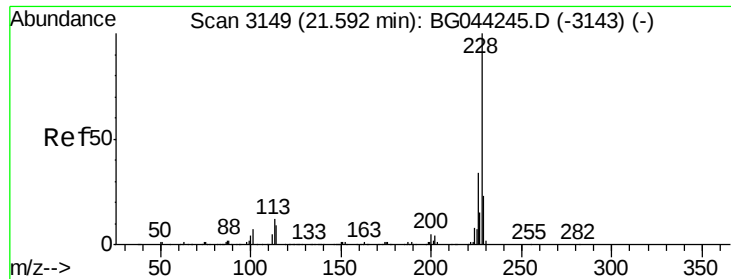


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.303 ng

RT: 21.58 min Scan# 3147

Delta R.T. 0.00 min

Lab File: BG044405.D

Acq: 12 Feb 2020 12:27

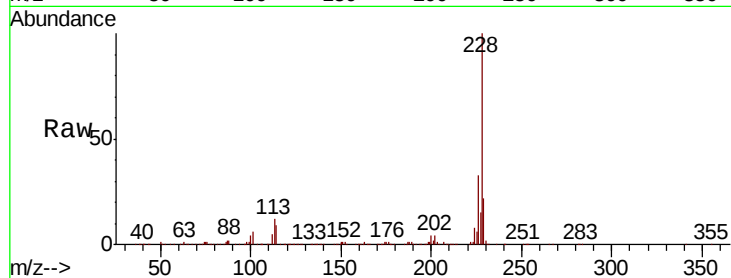
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1015687

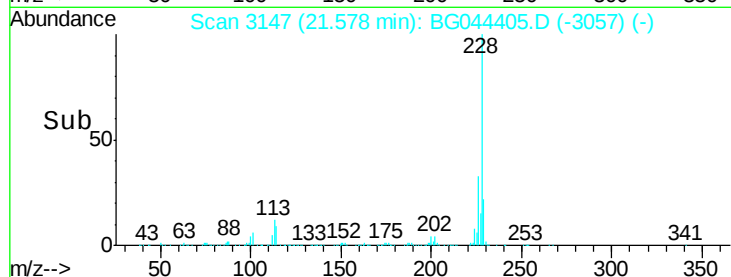
Ion	Ratio	Lower	Upper
228	100		
226	33.0	27.1	40.7
229	22.0	17.9	26.9



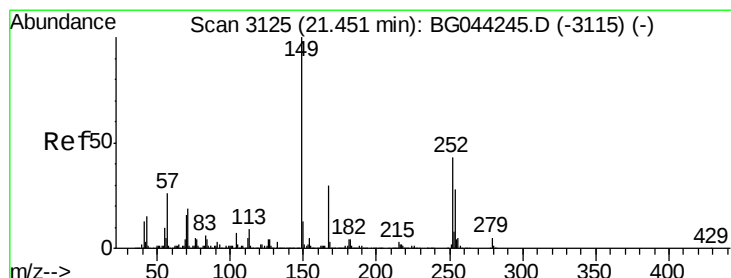
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.741 ng

RT: 21.44 min Scan# 3123

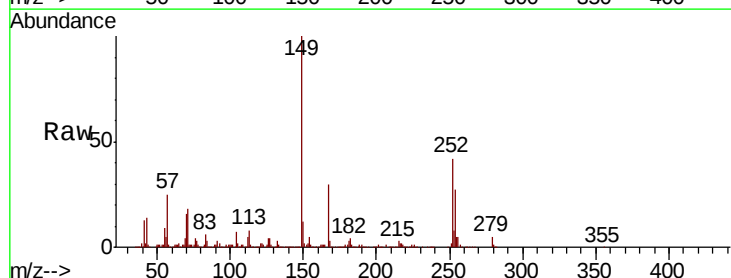
Delta R.T. 0.00 min

Lab File: BG044405.D

Acq: 12 Feb 2020 12:27

Tgt Ion:149 Resp: 677227

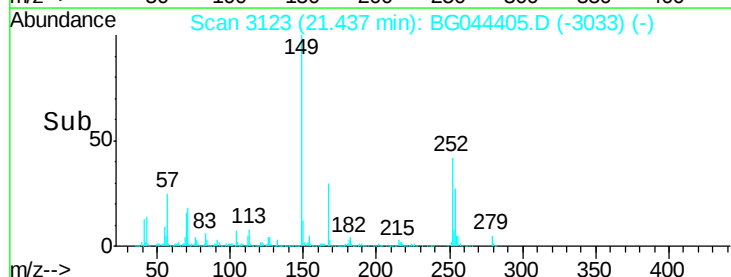
Ion	Ratio	Lower	Upper
149	100		
167	29.6	24.0	36.0
279	4.9	3.8	5.8



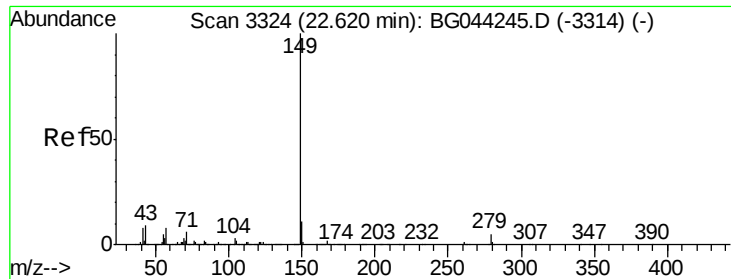
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#85

Di-n-octyl phthalate

Concen: 39.989 ng

RT: 22.60 min Scan# 3321

Delta R.T. -0.01 min

Lab File: BG044405.D

Acq: 12 Feb 2020 12:27

Instrument :

BNA_G

ClientSampleId :

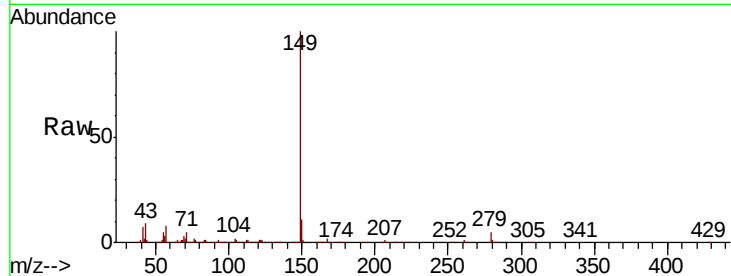
Tot Ion:149 Resp: 1179047

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

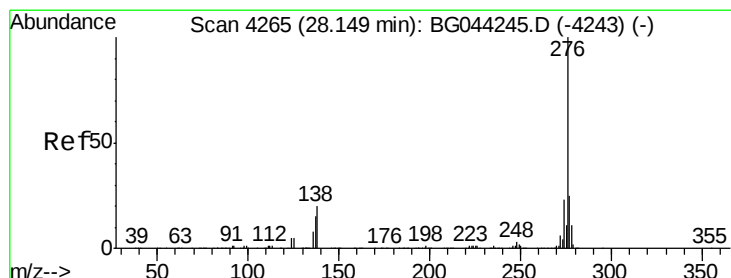
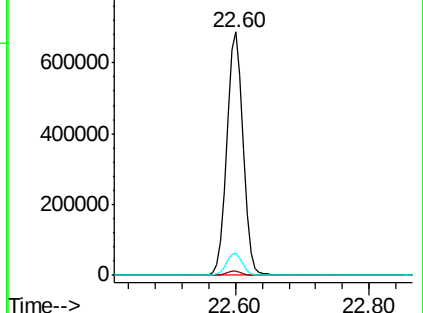
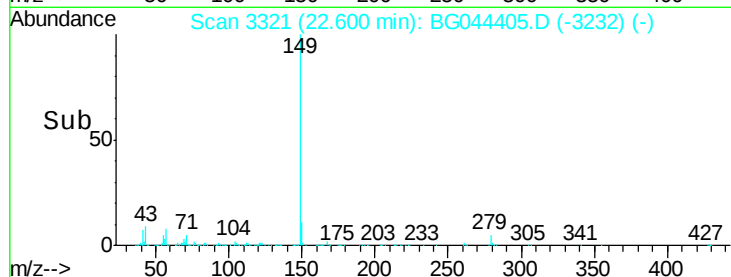
43 8.9 7.4 11.0



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: 39.068 ng

RT: 28.12 min Scan# 4260

Delta R.T. 0.00 min

Lab File: BG044405.D

Acq: 12 Feb 2020 12:27

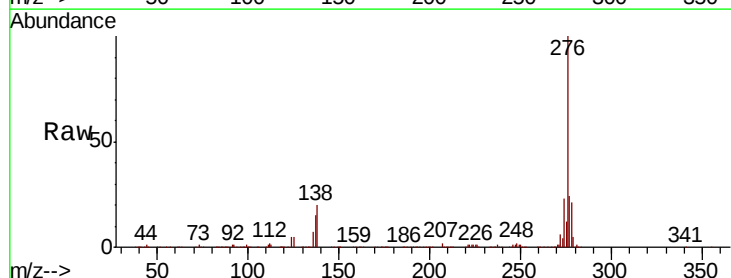
Tgt Ion:276 Resp: 1284506

Ion Ratio Lower Upper

276 100

138 23.8 19.4 29.0

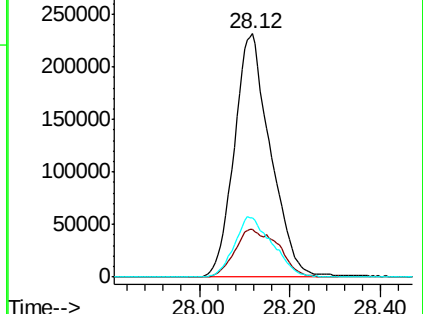
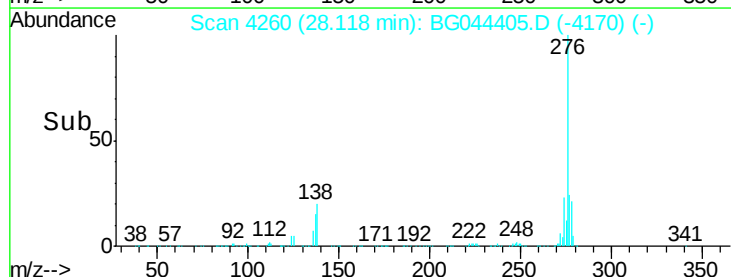
277 25.9 21.0 31.6

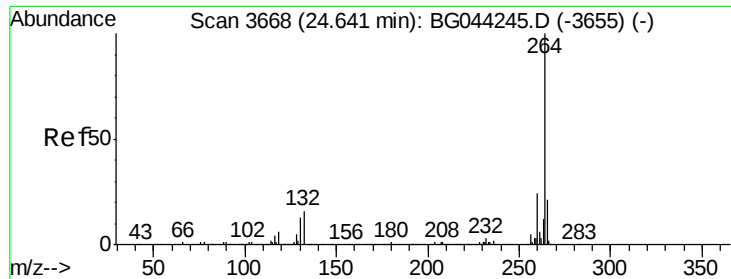


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



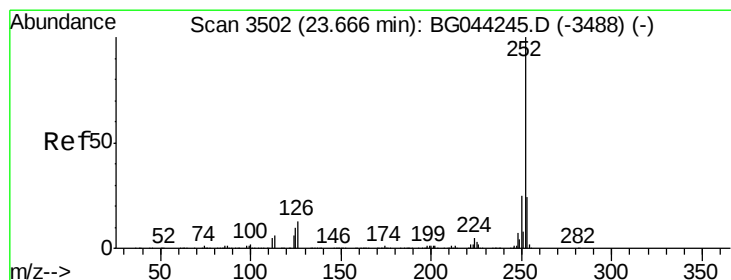
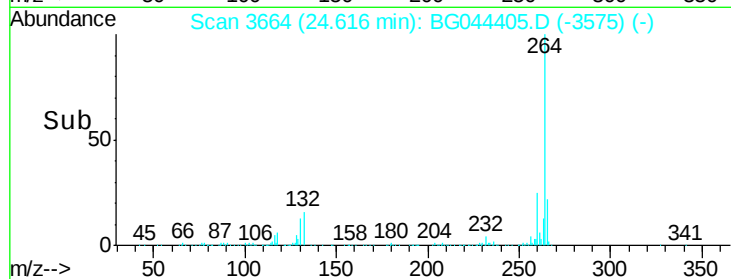
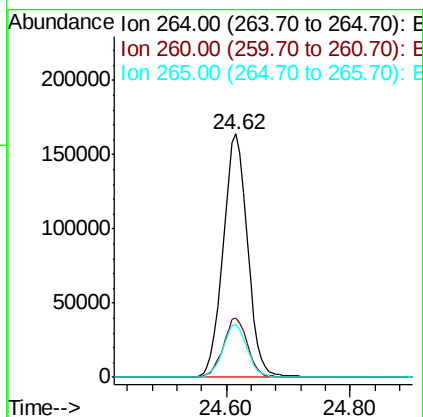
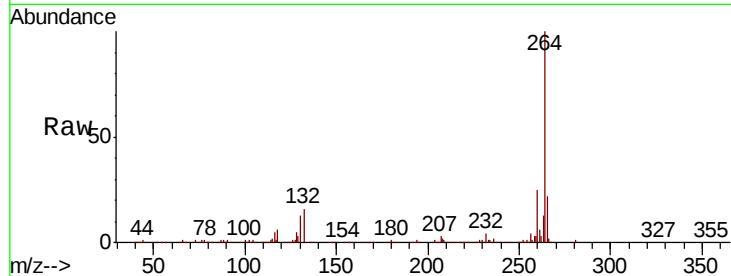


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.62 min Scan# 3664
Delta R.T. -0.01 min
Lab File: BG044405.D
Acq: 12 Feb 2020 12:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 451131

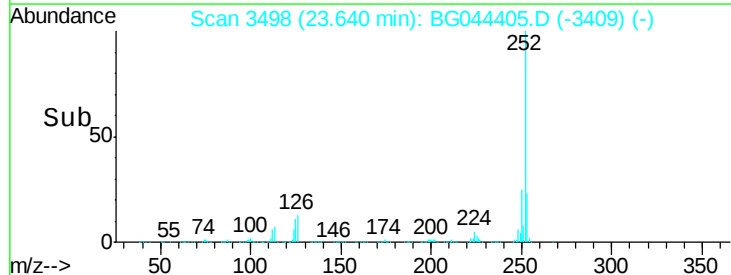
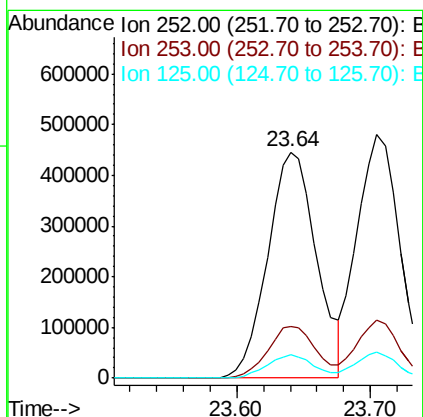
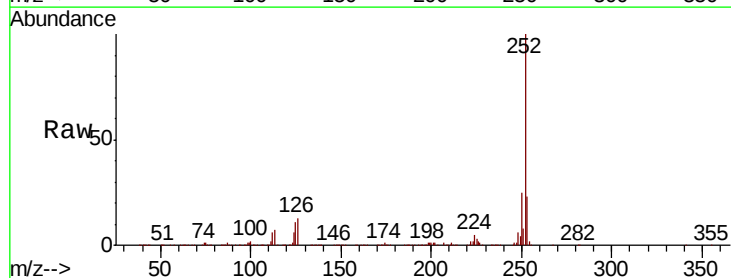
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.9	16.7	25.1



#88
Benzo(b)fluoranthene
Concen: 43.563 ng
RT: 23.64 min Scan# 3498
Delta R.T. -0.01 min
Lab File: BG044405.D
Acq: 12 Feb 2020 12:27

Tgt Ion:252 Resp: 1132441

Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.2	28.8
125	10.6	8.4	12.6

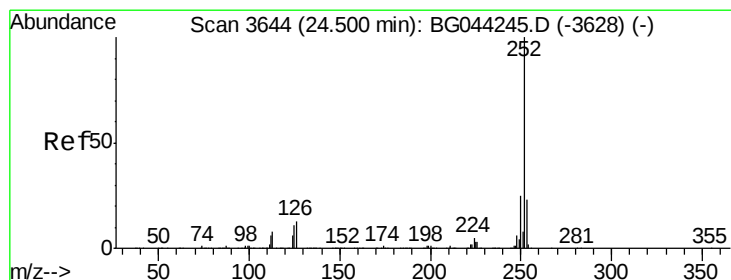
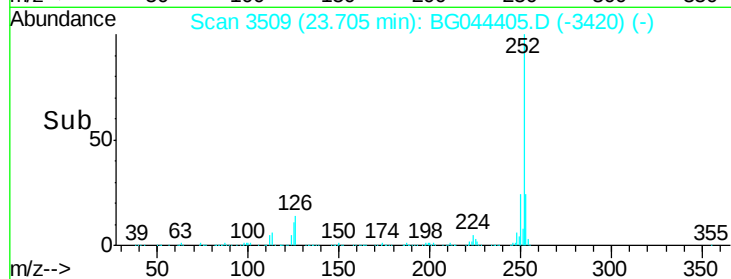
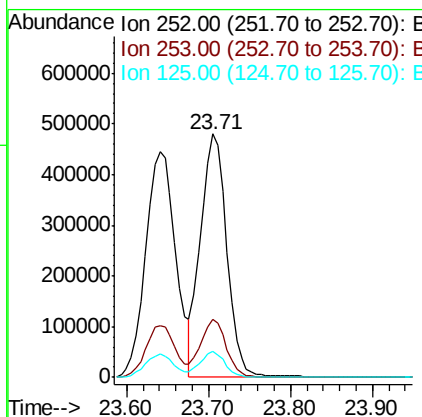
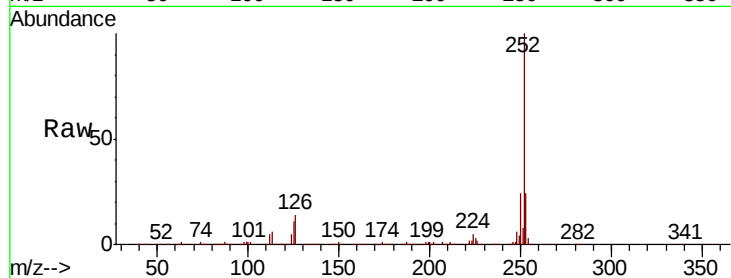




#89
Benzo(k)fluoranthene
Concen: 42.187 ng
RT: 23.71 min Scan# 3509
Delta R.T. -0.01 min
Lab File: BG044405.D
Acq: 12 Feb 2020 12:27

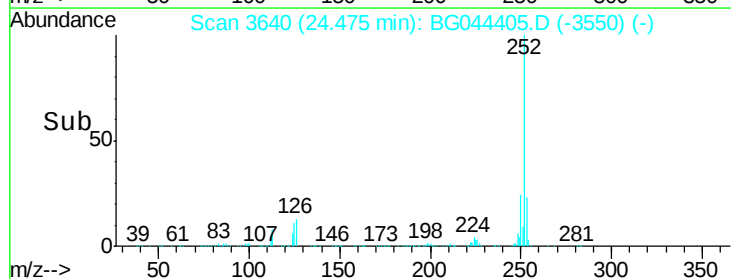
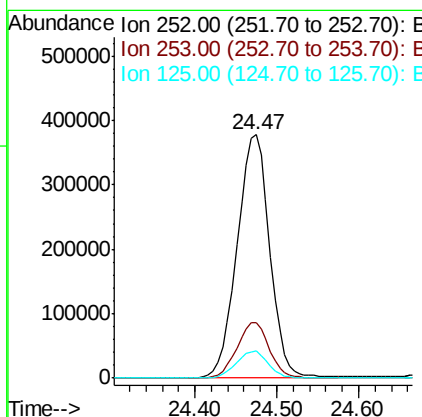
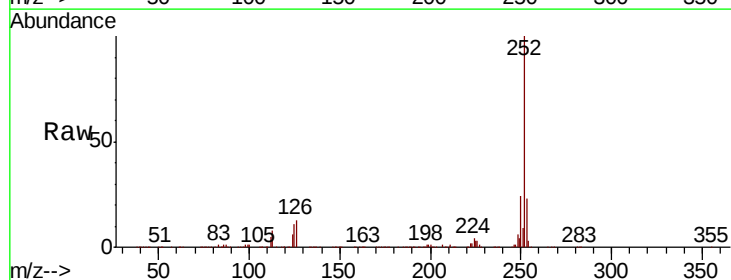
Instrument :
BNA_G
ClientSampleId :

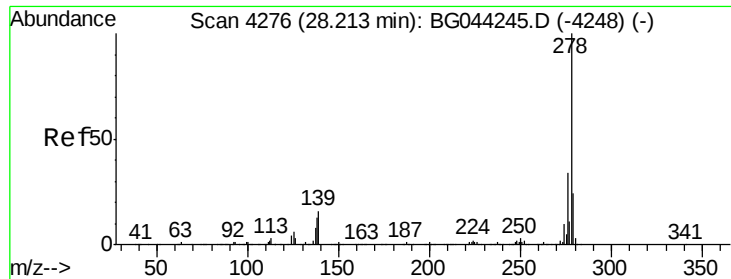
Tot Ion:252 Resp: 1068876
Ion Ratio Lower Upper
252 100
253 23.7 19.1 28.7
125 10.7 8.6 12.8



#90
Benzo(a)pyrene
Concen: 42.621 ng
RT: 24.47 min Scan# 3640
Delta R.T. 0.00 min
Lab File: BG044405.D
Acq: 12 Feb 2020 12:27

Tgt Ion:252 Resp: 1047568
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 11.2 8.6 13.0



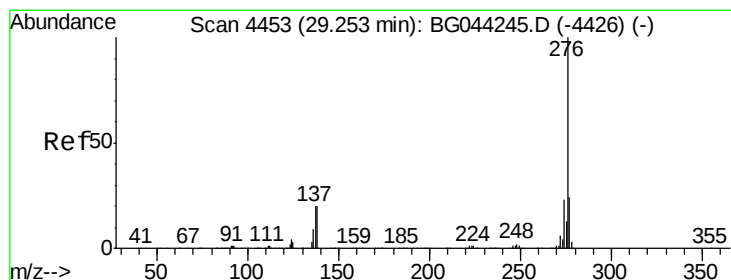
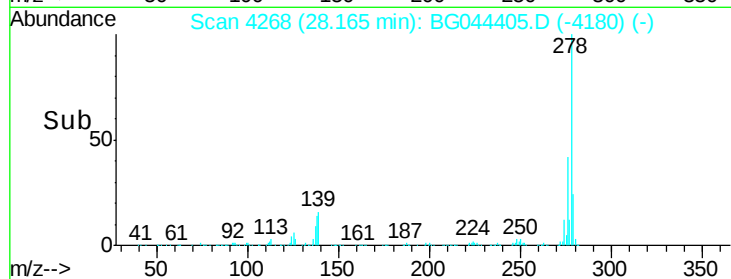
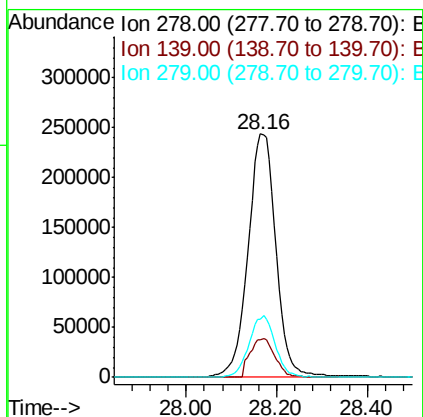
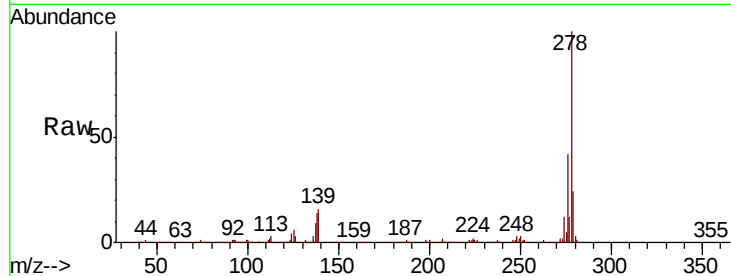


#91
Dibenzo(a,h)anthracene
Concen: 42.725 ng
RT: 28.16 min Scan# 4268
Delta R.T. -0.01 min
Lab File: BG044405.D
Acq: 12 Feb 2020 12:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1039283

Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.7	19.1
279	24.0	19.3	28.9



#92
Benzo(g,h,i)perylene
Concen: 42.692 ng
RT: 29.19 min Scan# 4443
Delta R.T. -0.01 min
Lab File: BG044405.D
Acq: 12 Feb 2020 12:27

Tgt Ion:276 Resp: 1039578

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.8	28.2
138	20.2	16.2	24.2

