

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
 Data File : BG044302.D
 Acq On : 5 Feb 2020 13:29
 Operator : CG/JU
 Sample : PB126599BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 06 01:09:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	79274	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	336876	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	242473	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	575001	20.00	ng	0.00
76) Chrysene-d12	21.55	240	507701	20.00	ng	0.00
87) Perylene-d12	24.64	264	516501	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	584310	130.08	ng	0.00
7) Phenol-d6	7.09	99	783137	129.83	ng	0.00
23) Nitrobenzene-d5	9.07	82	411359	68.94	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	365968	128.57	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	973151	67.21	ng	0.00
79) Terphenyl-d14	19.92	244	1646088	66.69	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	73987	36.661	ng	99
3) Pyridine	3.77	79	173991	32.359	ng	98
4) n-Nitrosodimethylamine	3.68	42	91160	40.573	ng	99
6) Aniline	7.24	93	242124	32.339	ng	99
8) 2-Chlorophenol	7.48	128	227918	46.168	ng	98
9) Benzaldehyde	7.04	77	104252	30.347	ng	94
10) Phenol	7.11	94	284761	47.702	ng	99
11) bis(2-Chloroethyl)ether	7.34	93	205945	40.353	ng	99
12) 1,3-Dichlorobenzene	7.81	146	232224	39.399	ng	98
13) 1,4-Dichlorobenzene	7.95	146	233600	40.015	ng	99
14) 1,2-Dichlorobenzene	8.27	146	219298	39.743	ng	98
15) Benzyl Alcohol	8.15	79	189893	44.467	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	264547	38.298	ng	99
17) 2-Methylphenol	8.36	107	199936	46.943	ng	96
18) Hexachloroethane	9.00	117	84171	38.423	ng	96
19) n-Nitroso-di-n-propylamine	8.72	70	162442	40.409	ng	97
20) 3+4-Methylphenols	8.69	107	278113	47.381	ng	97
22) Acetophenone	8.73	105	312279	38.105	ng	99
24) Nitrobenzene	9.11	77	234420	40.242	ng	99
25) Isophorone	9.64	82	453279	40.756	ng	98
26) 2-Nitrophenol	9.83	139	131363	43.459	ng	99
27) 2,4-Dimethylphenol	9.89	122	225399	52.826	ng	99
28) bis(2-Chloroethoxy)methane	10.12	93	285864	38.530	ng	99
29) 2,4-Dichlorophenol	10.37	162	237274	45.989	ng	98
30) 1,2,4-Trichlorobenzene	10.58	180	227870	38.518	ng	100
31) Naphthalene	10.77	128	679681	41.585	ng	100
32) Benzoic acid	10.04	122	99468	39.114	ng	96
33) 4-Chloroaniline	10.87	127	181690	24.442	ng	99
34) Hexachlorobutadiene	11.06	225	129001	35.438	ng	99
35) Caprolactam	11.64	113	63277	33.481	ng	94
36) 4-Chloro-3-methylphenol	12.01	107	261126	48.274	ng	99
37) 2-Methylnaphthalene	12.38	142	512722	42.251	ng	100
38) 1-Methylnaphthalene	12.59	142	489212	42.760	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	250718	34.567	ng	98

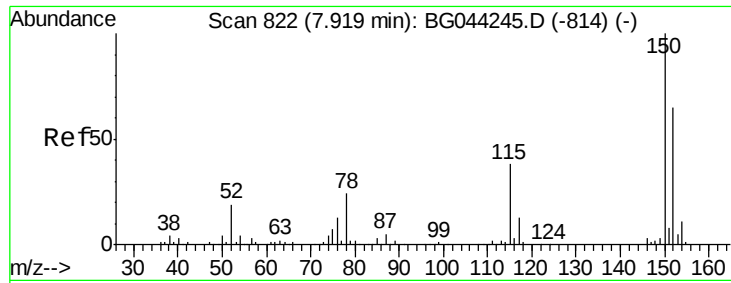
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
 Data File : BG044302.D
 Acq On : 5 Feb 2020 13:29
 Operator : CG/JU
 Sample : PB126599BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 06 01:09:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	255061	73.287	ng	99
43) 2,4,6-Trichlorophenol	12.99	196	198437	42.326	ng	99
44) 2,4,5-Trichlorophenol	13.06	196	224928	46.972	ng	98
46) 1,1'-Biphenyl	13.39	154	667776	38.181	ng	99
47) 2-Chloronaphthalene	13.43	162	526794	37.851	ng	99
48) 2-Nitroaniline	13.63	65	172027	41.883	ng	97
49) Acenaphthylene	14.27	152	863339	42.293	ng	100
50) Dimethylphthalate	14.01	163	720036	41.311	ng	99
51) 2,6-Dinitrotoluene	14.12	165	169901	43.719	ng	98
52) Acenaphthene	14.62	154	533071	40.289	ng	98
53) 3-Nitroaniline	14.45	138	127505	29.656	ng	100
54) 2,4-Dinitrophenol	14.66	184	195872	84.578	ng	98
55) Dibenzofuran	14.95	168	849673	42.414	ng	99
56) 4-Nitrophenol	14.77	139	320275	101.693	ng	99
57) 2,4-Dinitrotoluene	14.92	165	242370	44.497	ng	97
58) Fluorene	15.60	166	683795	43.337	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.18	232	204318	47.237	ng	99
60) Diethylphthalate	15.38	149	744284	42.855	ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	351794	41.120	ng	99
62) 4-Nitroaniline	15.62	138	174840	40.696	ng	99
63) Azobenzene	15.89	77	659062	43.299	ng	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	145606	45.875	ng	97
66) n-Nitrosodiphenylamine	15.81	169	655368	40.671	ng	99
67) 4-Bromophenyl-phenylether	16.49	248	241795	38.597	ng	98
68) Hexachlorobenzene	16.61	284	263980	37.613	ng	99
69) Atrazine	16.76	200	251074	45.459	ng	99
70) Pentachlorophenol	16.95	266	302304	84.974	ng	96
71) Phenanthrene	17.34	178	1132086	40.659	ng	99
72) Anthracene	17.43	178	1154067	41.924	ng	100
73) Carbazole	17.70	167	1043045	41.101	ng	100
74) Di-n-butylphthalate	18.26	149	1268192	40.439	ng	100
75) Fluoranthene	19.35	202	1320745	41.004	ng	99
77) Benzidine	19.53	184	396440	28.151	ng	99
78) Pyrene	19.71	202	1325025	40.639	ng	99
80) Butylbenzylphthalate	20.60	149	597595	40.220	ng	97
81) Benzo(a)anthracene	21.53	228	1294899	41.384	ng	100
82) 3,3'-Dichlorobenzidine	21.44	252	400941	33.016	ng	98
83) Chrysene	21.59	228	1232782	40.760	ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	832755	40.719	ng	100
85) Di-n-octyl phthalate	22.62	149	1471519	41.586	ng	100
86) Indeno(1,2,3-cd)pyrene	28.15	276	1583534	40.131	ng	99
88) Benzo(b)fluoranthene	23.66	252	1390184	46.709	ng	99
89) Benzo(k)fluoranthene	23.73	252	1323713	45.633	ng	100
90) Benzo(a)pyrene	24.50	252	1271107	45.171	ng	99
91) Dibenzo(a,h)anthracene	28.22	278	1309280	47.013	ng	98
92) Benzo(g,h,i)perylene	29.25	276	1343006	48.172	ng	99

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

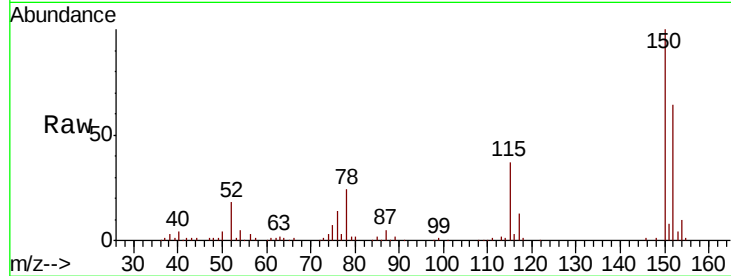


#1

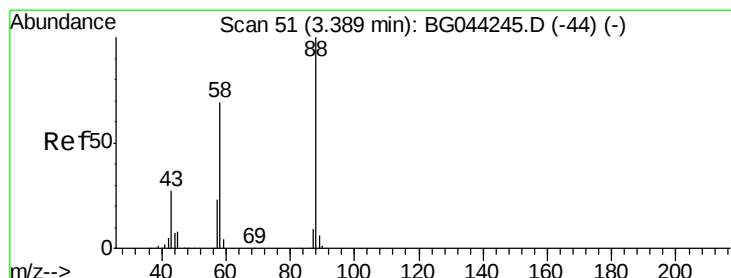
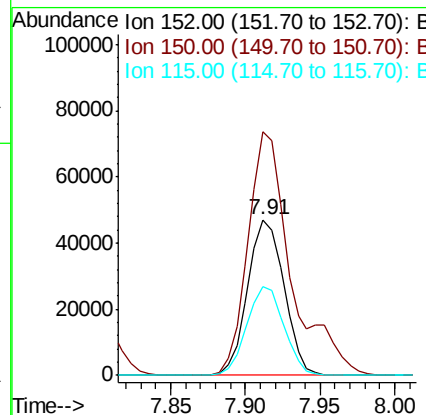
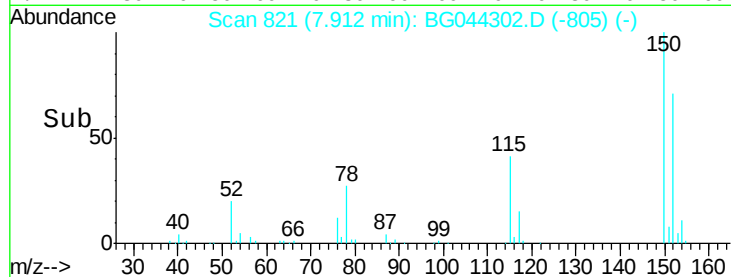
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 79274
Ion Ratio Lower Upper
152 100
150 156.7 122.6 183.8
115 57.2 46.0 69.0



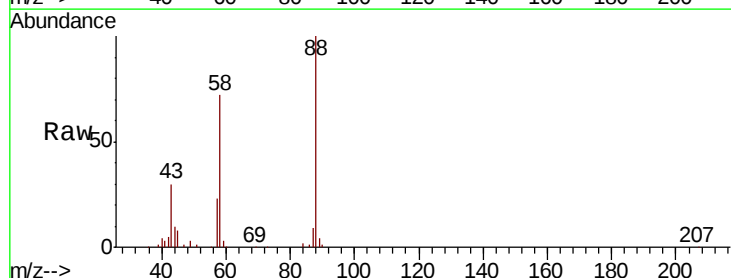
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



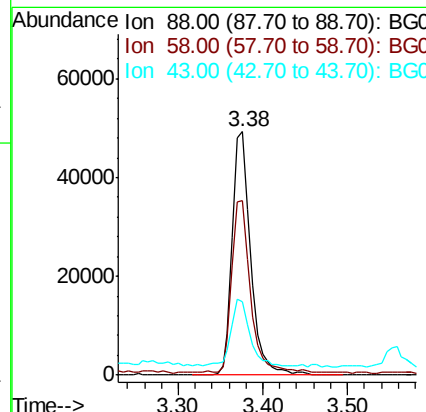
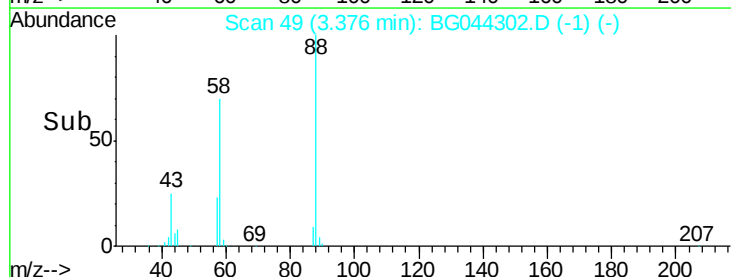
#2

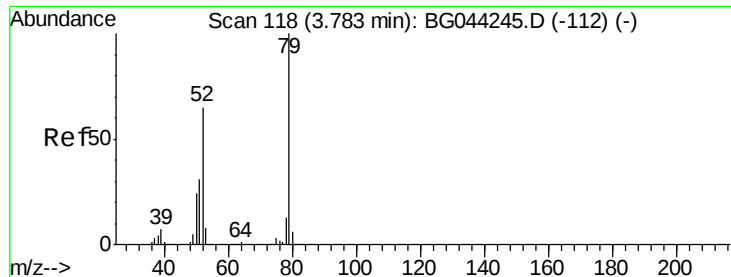
1,4-Dioxane
Concen: 36.661 ng
RT: 3.38 min Scan# 49
Delta R.T. -0.01 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Tgt Ion: 88 Resp: 73987
Ion Ratio Lower Upper
88 100
58 70.8 55.8 83.6
43 27.7 21.6 32.4



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





#3

Pvridine

Concen: 32.359 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.01 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Instrument :

BNA_G

ClientSampled :

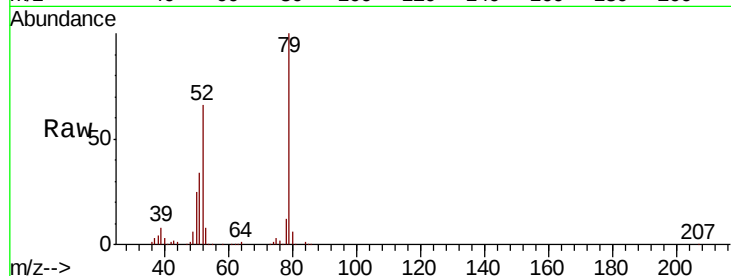
Tot Ion: 79 Resp: 173991

Ion Ratio Lower Upper

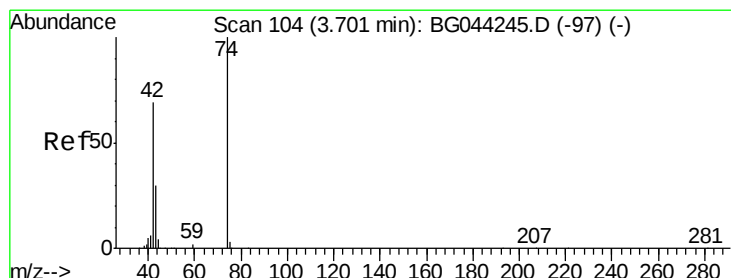
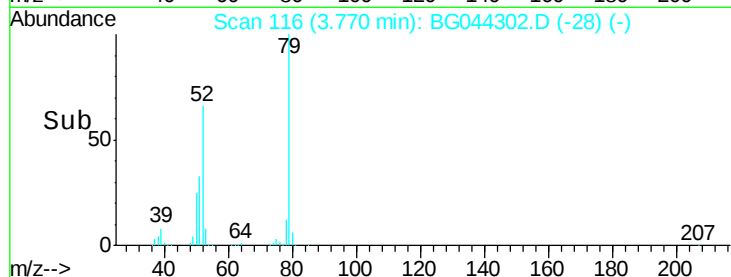
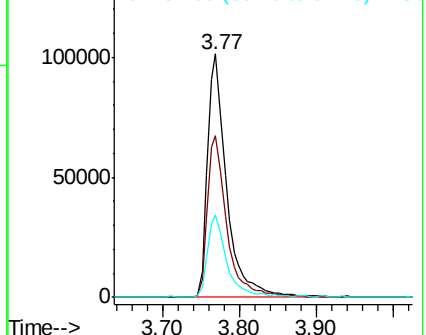
79 100

52 66.2 51.9 77.9

51 33.6 25.3 37.9



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



#4

n-Nitrosodimethylamine

Concen: 40.573 ng

RT: 3.68 min Scan# 101

Delta R.T. -0.02 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

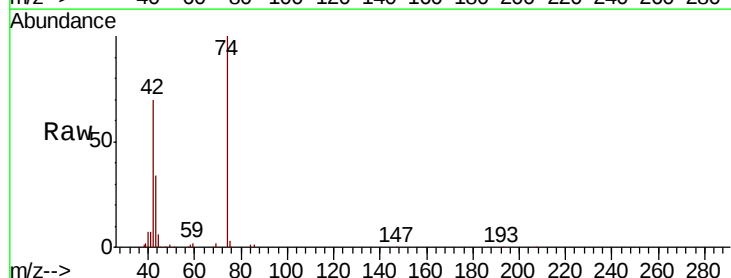
Tgt Ion: 42 Resp: 91160

Ion Ratio Lower Upper

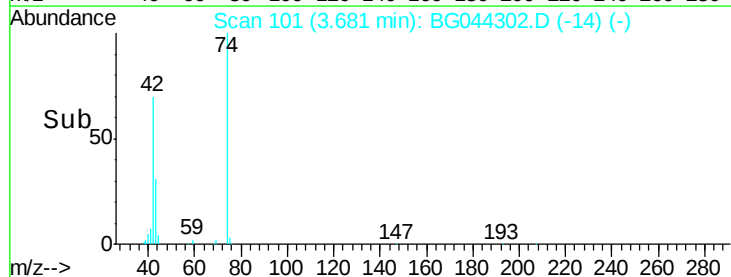
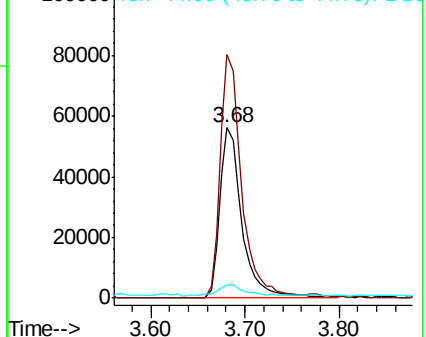
42 100

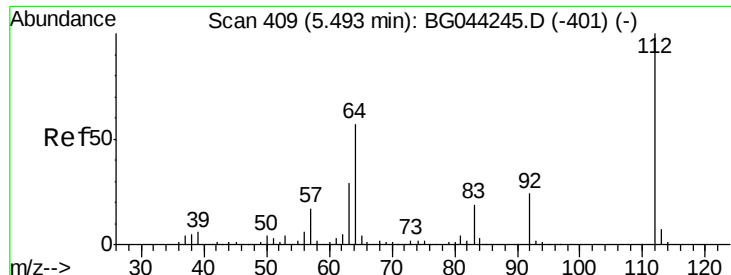
74 143.1 115.1 172.7

44 8.0 5.6 8.4



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





#5

2-Fluorophenol

Concen: 130.082 ng

RT: 5.49 min Scan# 409

Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Instrument :

BNA_G

ClientSampled :

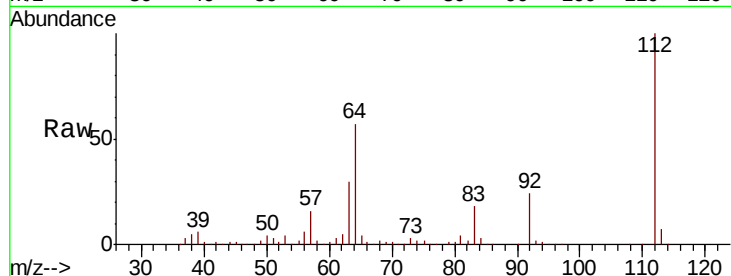
Tot Ion:112 Resp: 584310

Ion Ratio Lower Upper

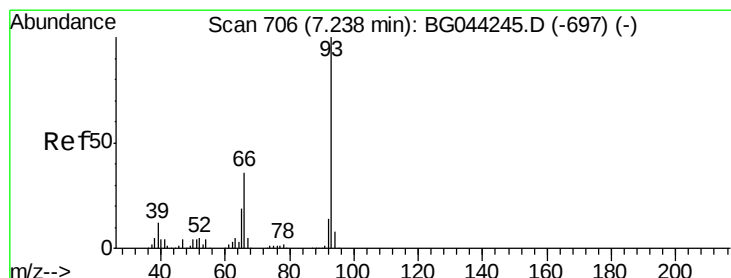
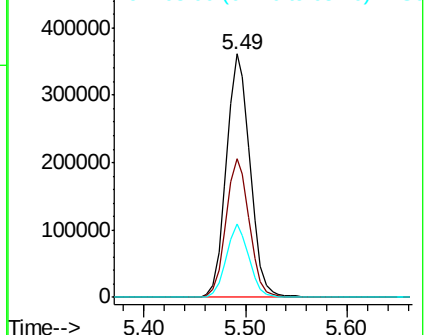
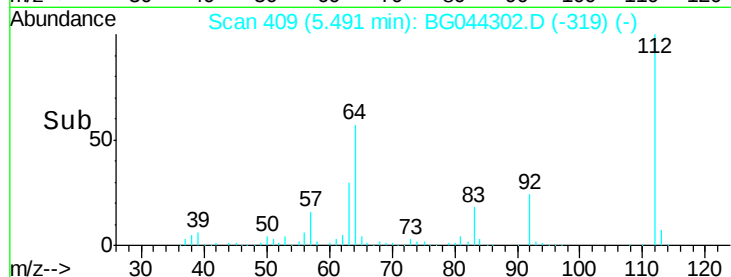
112 100

64 57.2 45.4 68.2

63 30.0 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 32.339 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

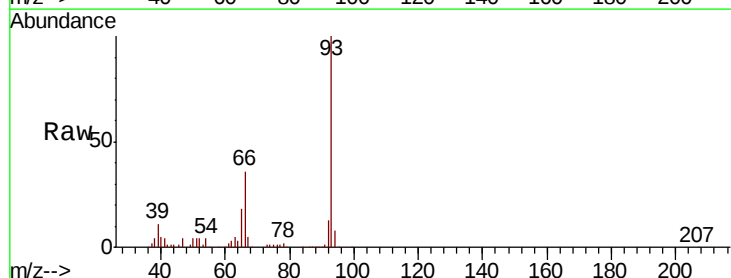
Tgt Ion: 93 Resp: 242124

Ion Ratio Lower Upper

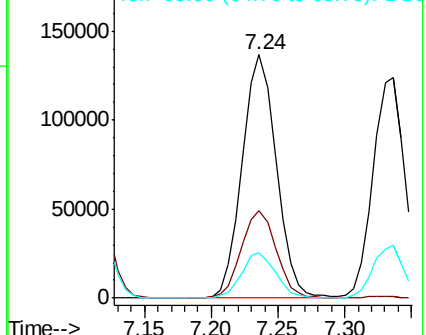
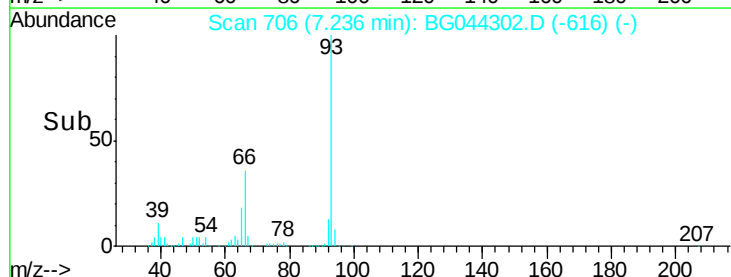
93 100

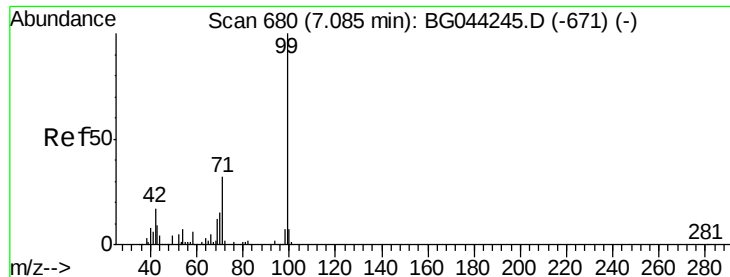
66 35.7 28.7 43.1

65 18.4 15.4 23.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 129.833 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Instrument :

BNA_G

ClientSampled :

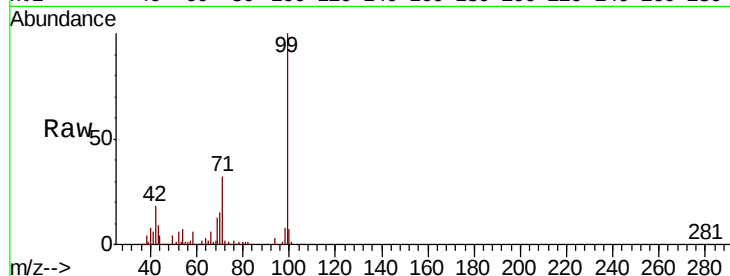
Tot Ion: 99 Resp: 783137

Ion Ratio Lower Upper

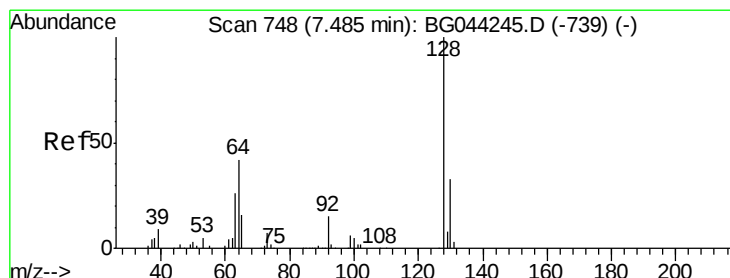
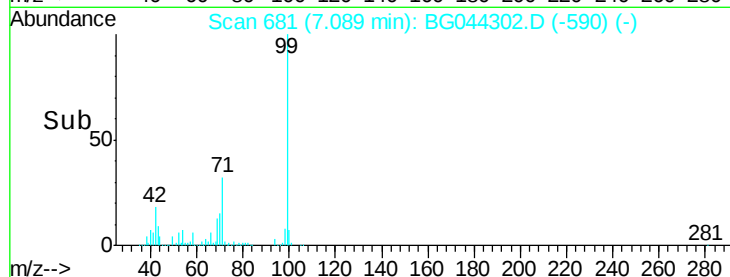
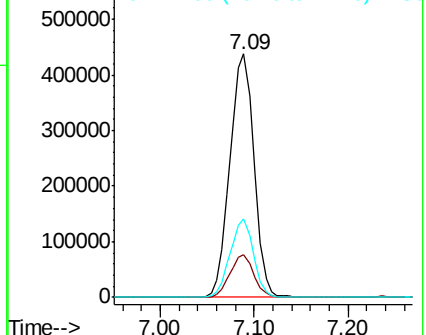
99 100

42 17.5 13.8 20.6

71 32.0 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: 46.168 ng

RT: 7.48 min Scan# 748

Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

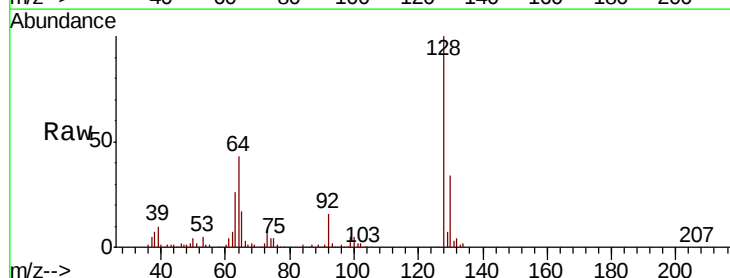
Tgt Ion: 128 Resp: 227918

Ion Ratio Lower Upper

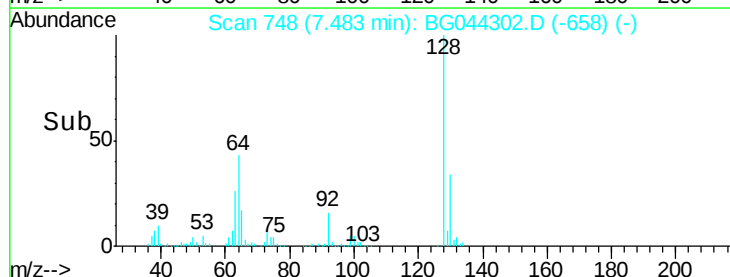
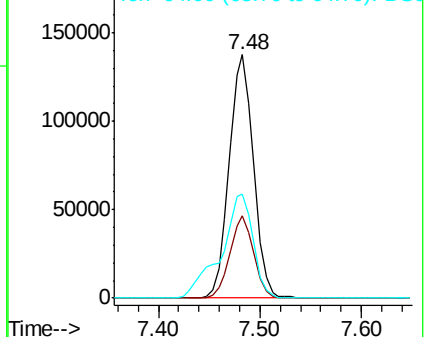
128 100

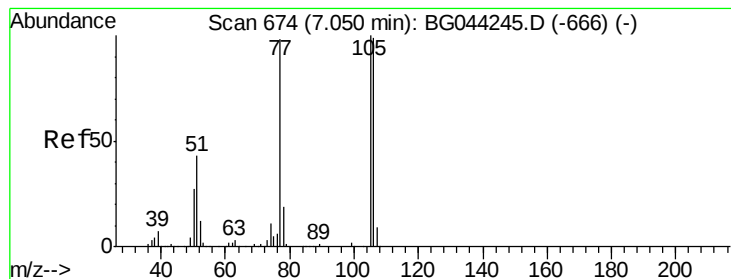
130 33.7 12.5 52.5

64 42.6 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: 30.347 ng

RT: 7.04 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Instrument :

BNA_G

ClientSampleId :

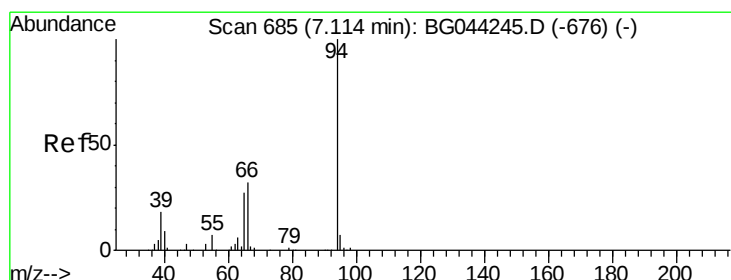
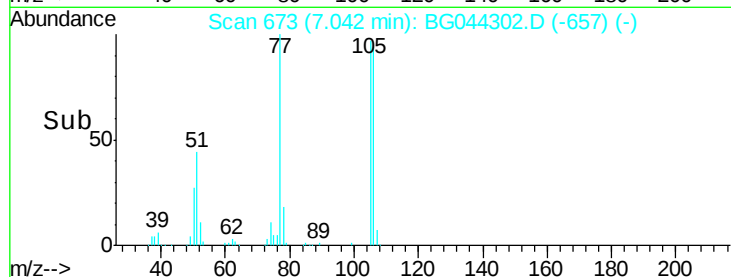
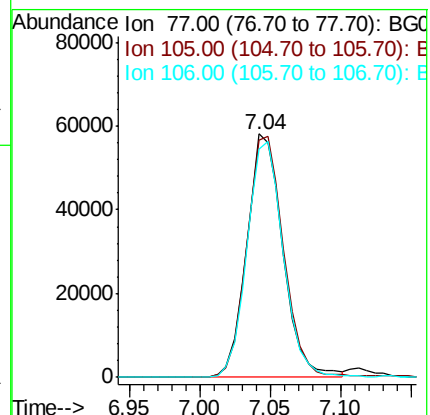
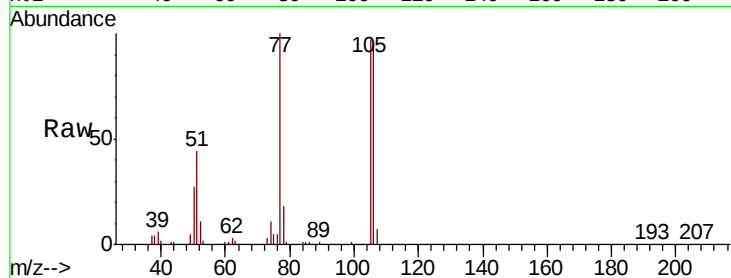
Tot Ion: 77 Resp: 104252

Ion Ratio Lower Upper

77 100

105 97.3 82.0 122.0

106 93.9 80.7 120.7



#10

Phenol

Concen: 47.702 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

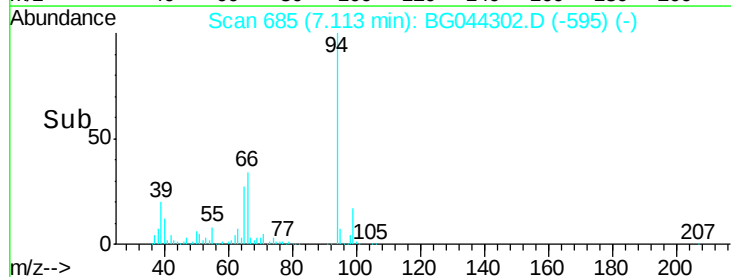
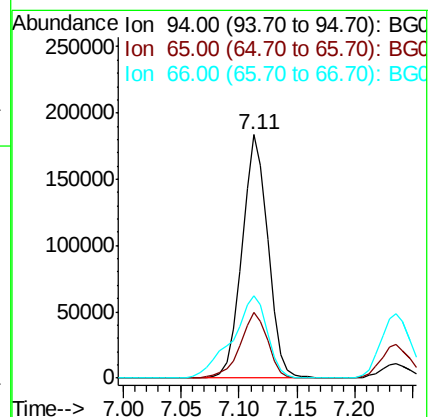
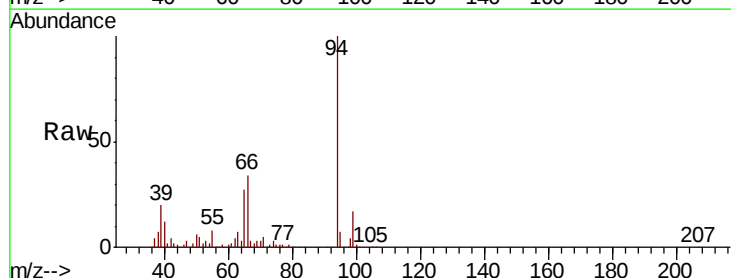
Tgt Ion: 94 Resp: 284761

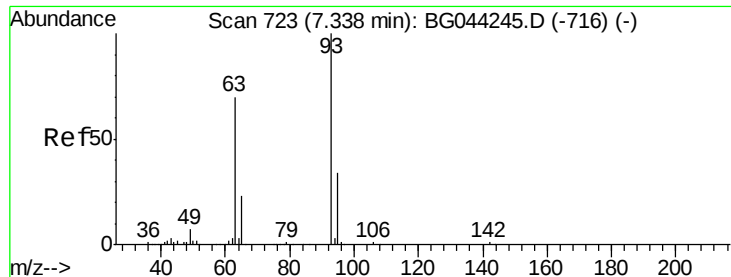
Ion Ratio Lower Upper

94 100

65 27.0 7.0 47.0

66 33.7 12.7 52.7

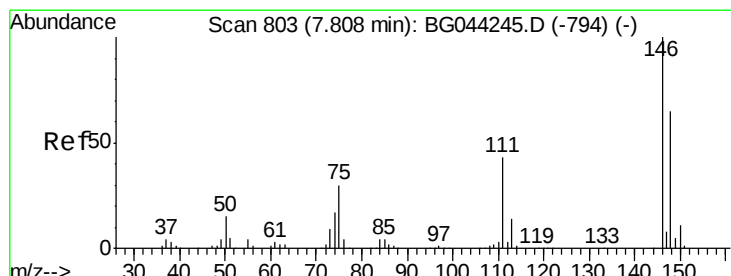
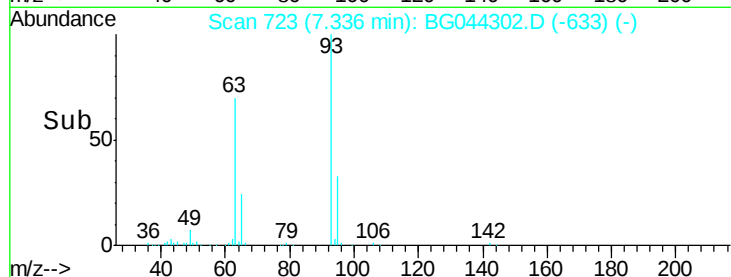
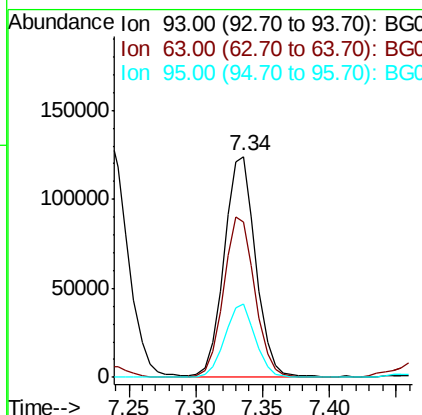
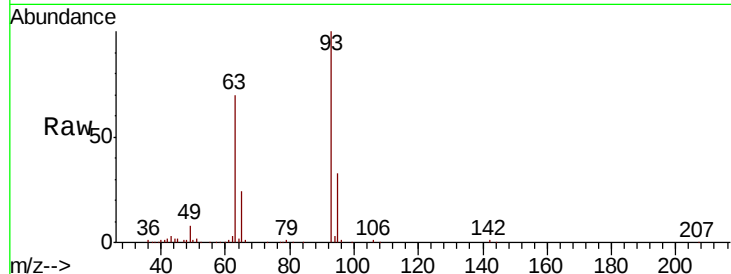




#11
 bis(2-Chloroethyl)ether
 Concen: 40.353 ng
 RT: 7.34 min Scan# 723
 Delta R.T. -0.00 min
 Lab File: BG044302.D
 Acq: 5 Feb 2020 13:29

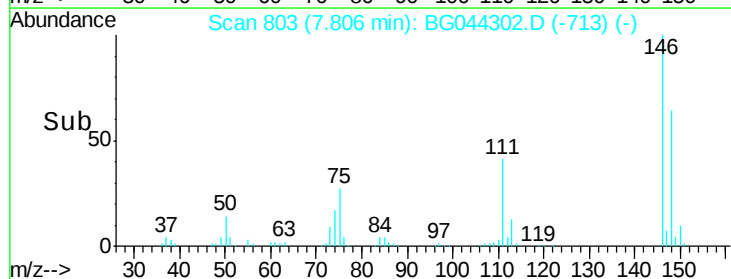
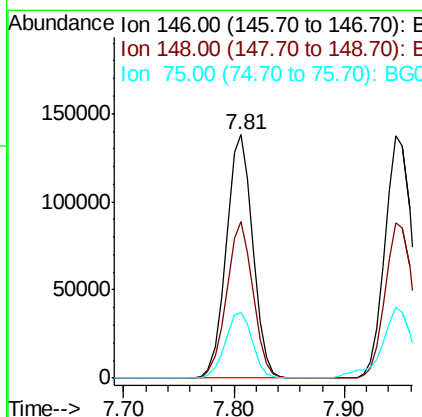
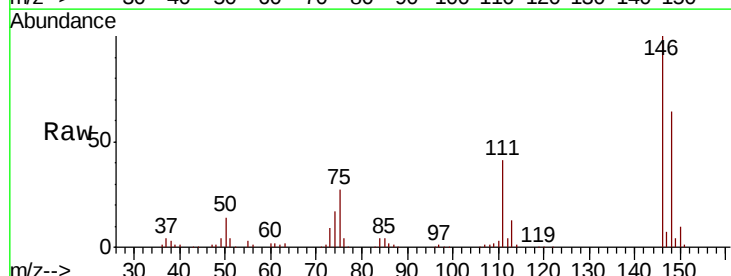
Instrument :
 BNA_G
 ClientSampleId :

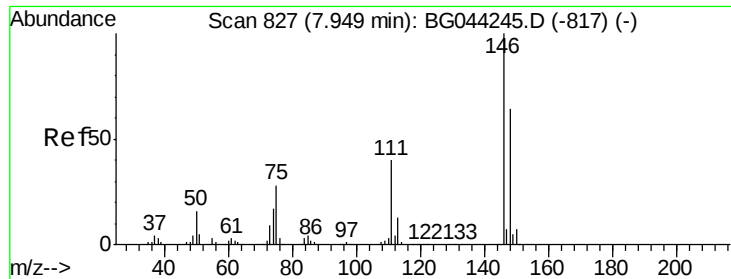
Tot Ion	Ratio	Lower	Upper
93	100		
63	70.5	49.2	89.2
95	33.1	13.6	53.6



#12
 1,3-Dichlorobenzene
 Concen: 39.399 ng
 RT: 7.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BG044302.D
 Acq: 5 Feb 2020 13:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.8
75	27.0	23.7	35.5





#13

1,4-Dichlorobenzene

Concen: 40.015 ng

RT: 7.95 min Scan# 827

Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Instrument :

BNA_G

ClientSampleId :

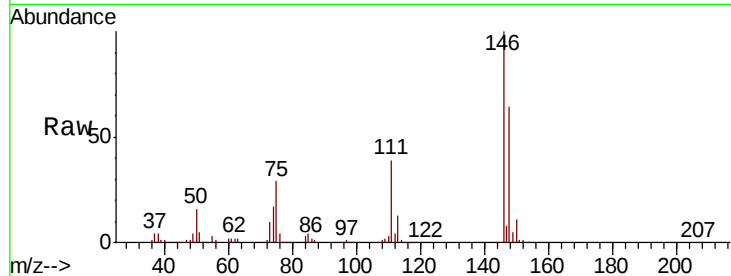
Tot Ion:146 Resp: 233600

Ion Ratio Lower Upper

146 100

148 64.3 51.4 77.0

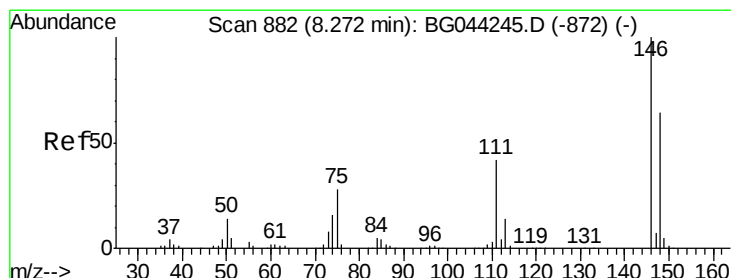
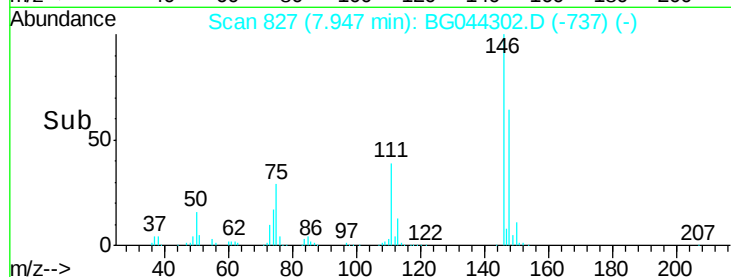
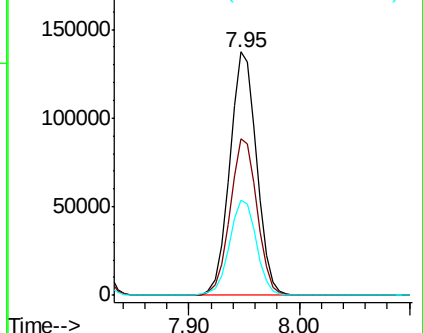
111 39.0 31.8 47.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.743 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

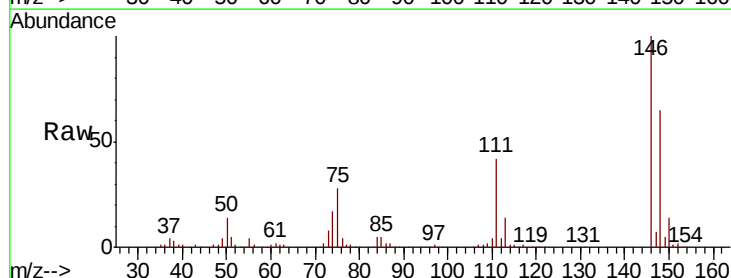
Tgt Ion:146 Resp: 219298

Ion Ratio Lower Upper

146 100

148 65.4 51.2 76.8

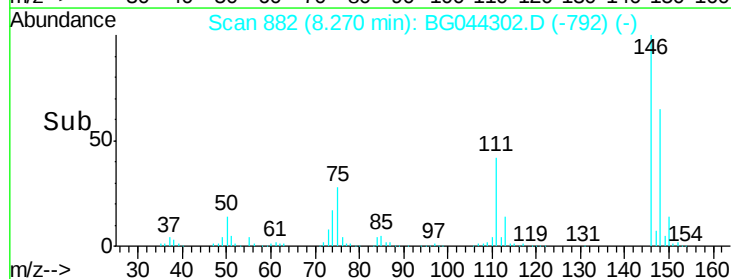
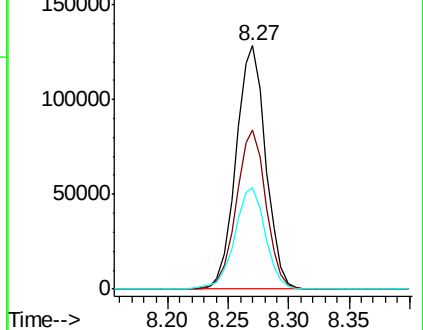
111 41.6 34.0 51.0

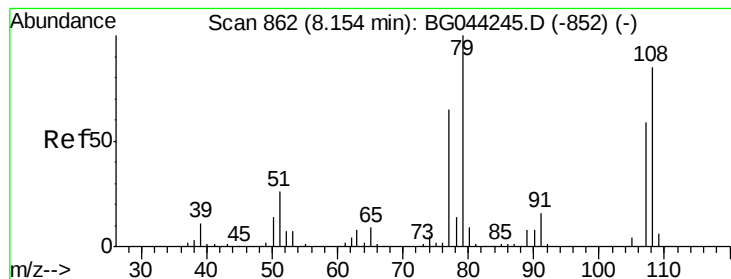


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.467 ng

RT: 8.15 min Scan# 862

Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Instrument :

BNA_G

ClientSampled :

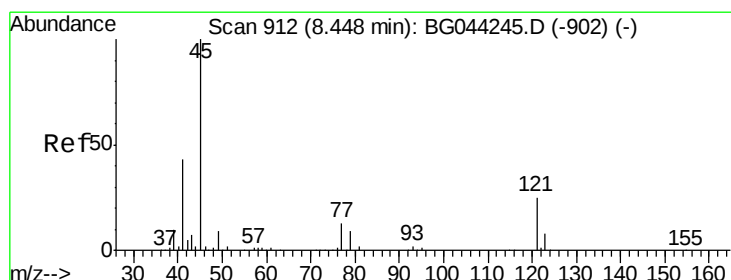
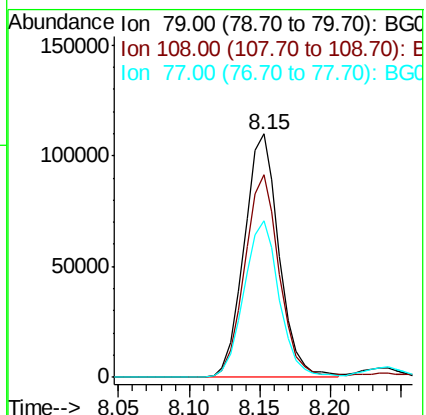
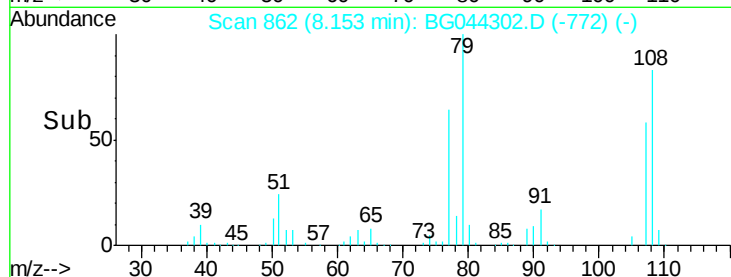
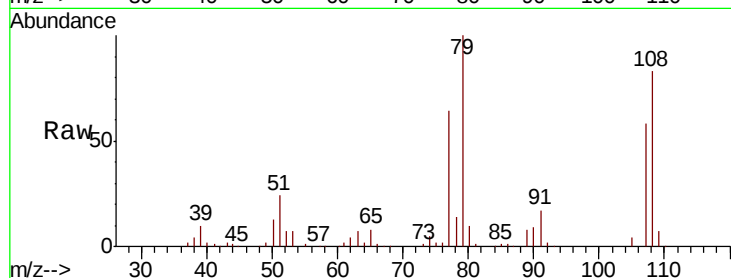
Tot Ion: 79 Resp: 189893

Ion Ratio Lower Upper

79 100

108 83.3 68.3 102.5

77 64.2 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.298 ng

RT: 8.45 min Scan# 912

Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

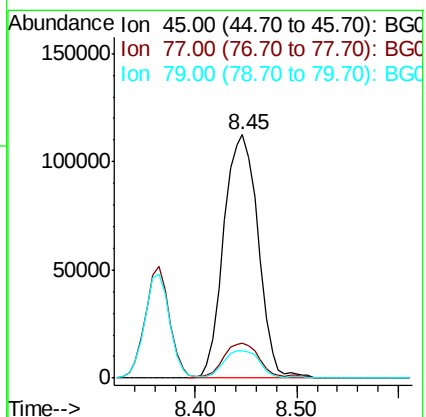
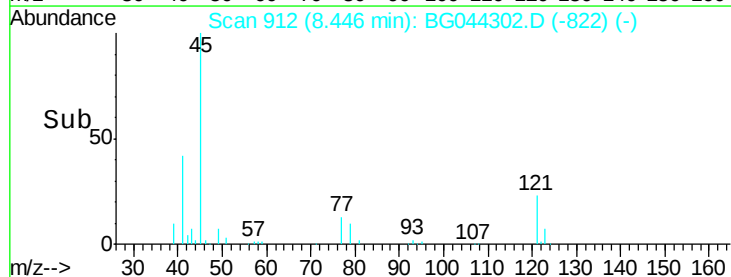
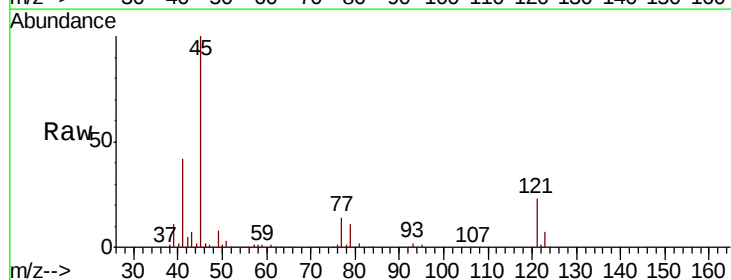
Tgt Ion: 45 Resp: 264547

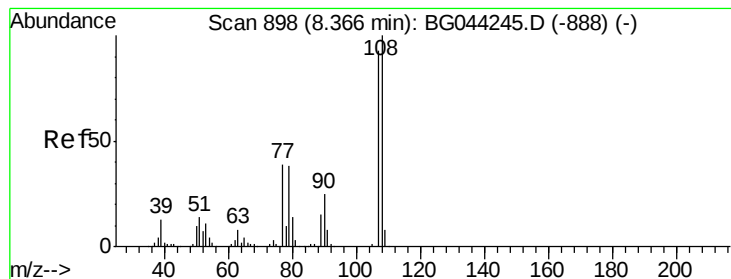
Ion Ratio Lower Upper

45 100

77 14.4 0.0 35.2

79 11.2 0.0 31.1





#17

2-Methylphenol

Concen: 46.943 ng

RT: 8.36 min Scan# 898

Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 199936

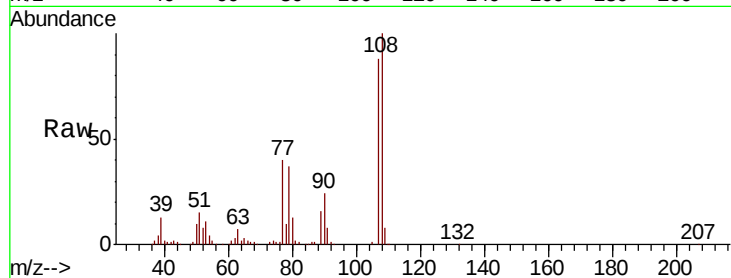
Ion Ratio Lower Upper

107 100

108 113.1 86.4 129.6

77 44.9 34.0 51.0

79 41.9 32.9 49.3

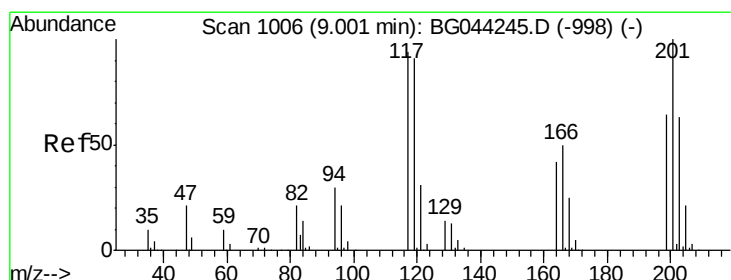
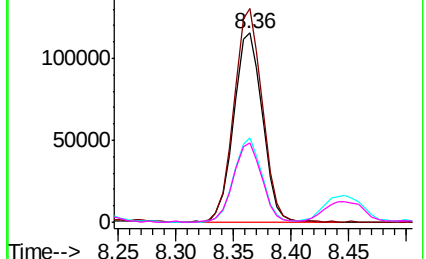
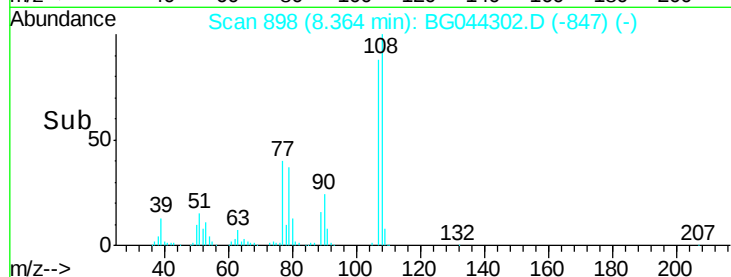


Abundance Ion 107.00 (106.70 to 107.70): E

200000 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: 38.423 ng

RT: 9.00 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

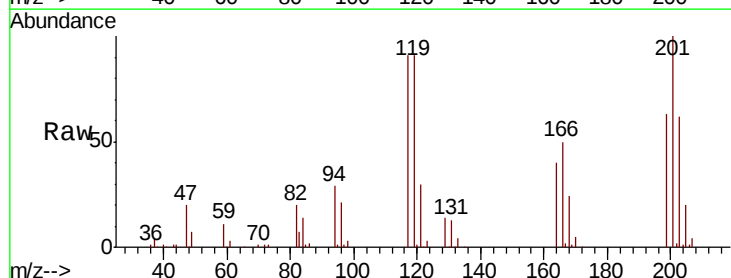
Tgt Ion:117 Resp: 84171

Ion Ratio Lower Upper

117 100

119 100.2 77.5 116.3

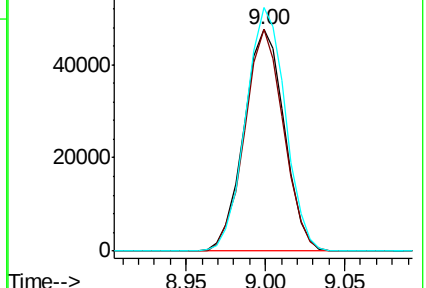
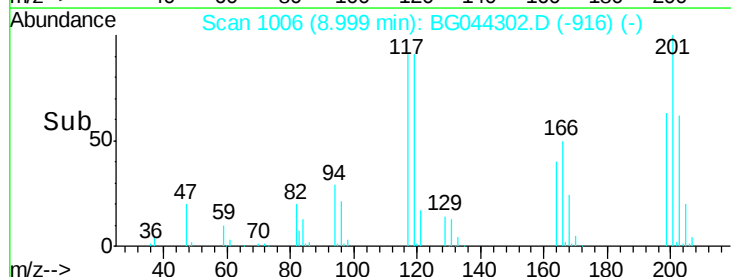
201 109.9 84.9 127.3



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

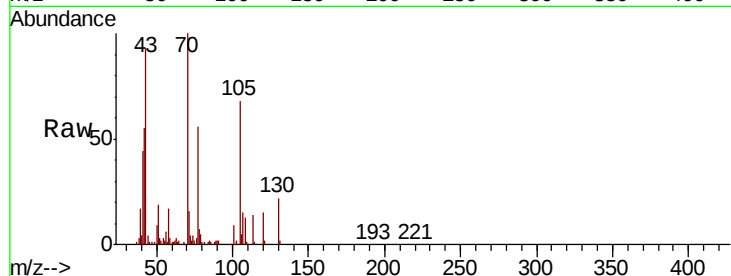




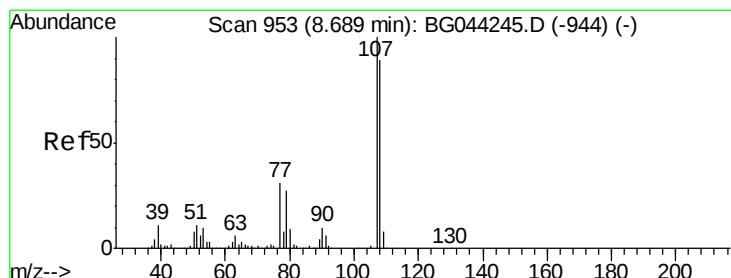
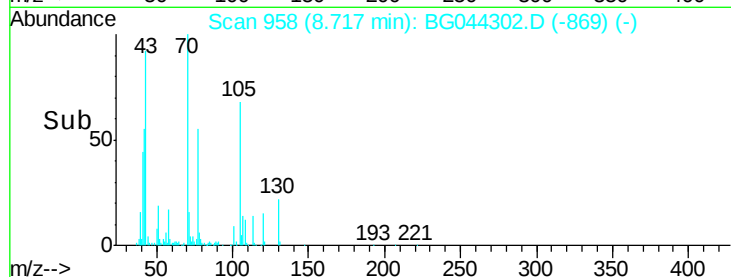
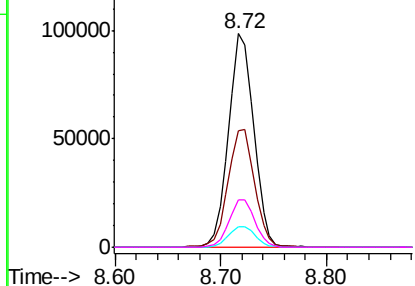
#19
n-Nitroso-di-n-propylamine
Concen: 40.409 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Instrument :
BNA_G
ClientSampled :

Tot Ion:	70	Resp:	162442
Ion	Ratio	Lower	Upper
70	100		
42	54.8	46.2	69.2
101	9.5	8.4	12.6
130	21.9	17.8	26.8

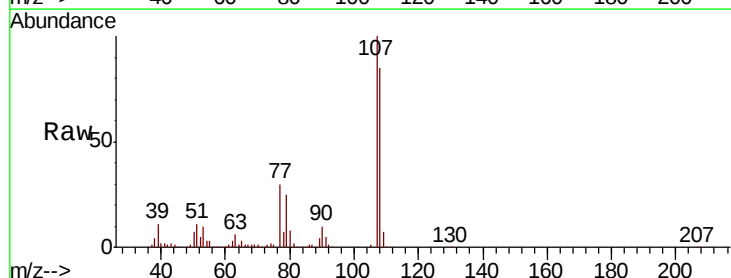


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

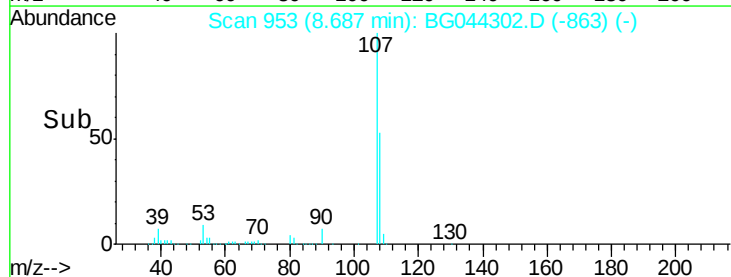
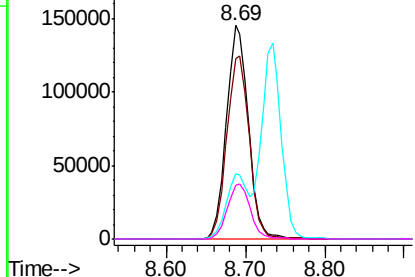


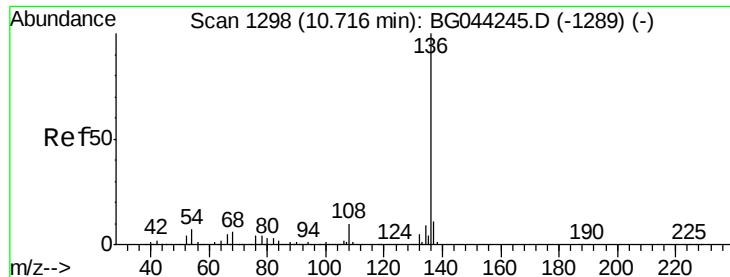
#20
3+4-Methylphenols
Concen: 47.381 ng
RT: 8.69 min Scan# 953
Delta R.T. -0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Tgt Ion:	107	Resp:	278113
Ion	Ratio	Lower	Upper
107	100		
108	84.8	68.5	108.5
77	30.4	10.9	50.9
79	25.3	7.1	47.1



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

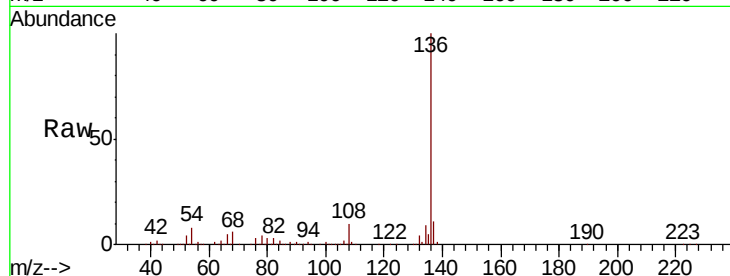




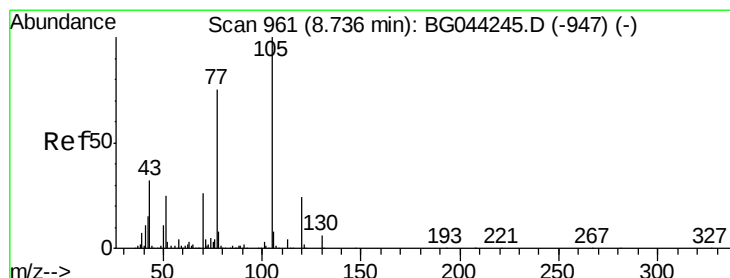
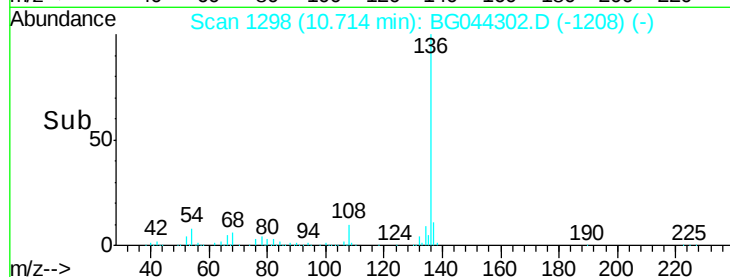
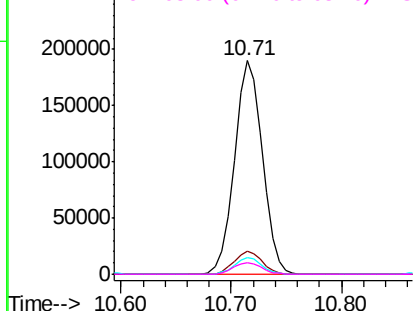
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	336876
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.8	13.2
54 7.5	5.8	8.8
68 5.6	4.6	6.8

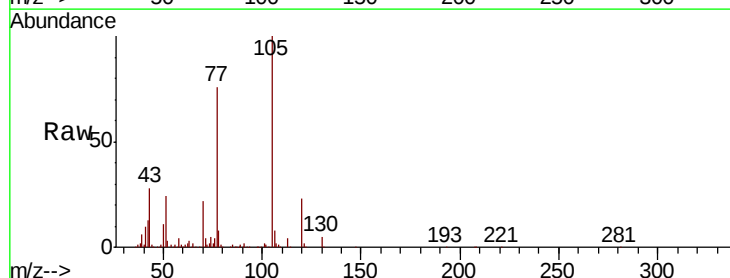


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

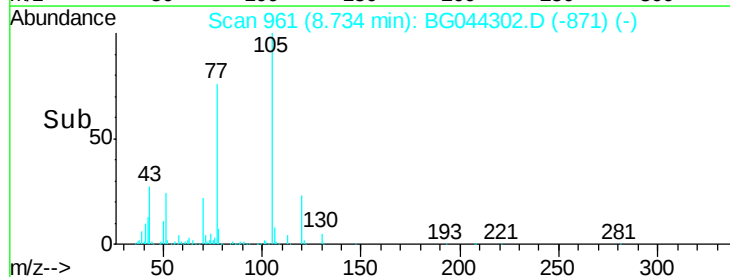
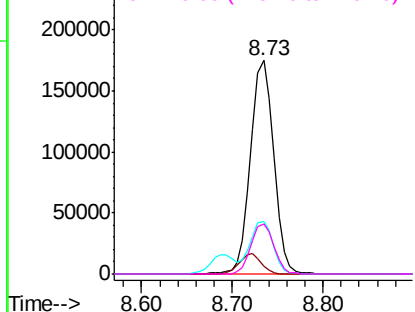


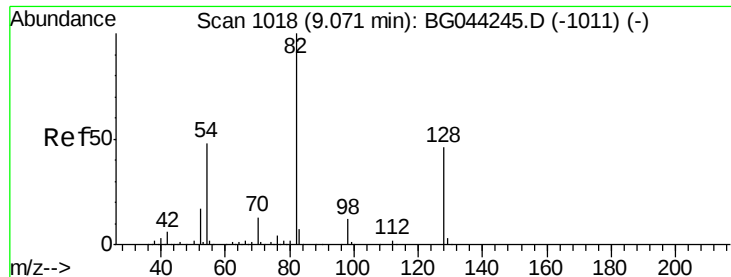
#22
Acetophenone
Concen: 38.105 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Tgt	Ion:105	Resp:	312279
Ion	Ratio	Lower	Upper
105	100		
71	3.6	3.4	5.0
51	24.4	20.2	30.4
120	23.4	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

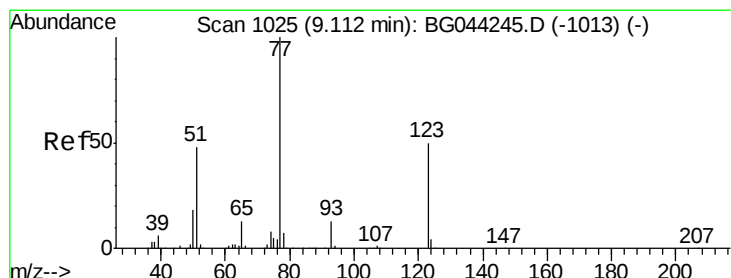
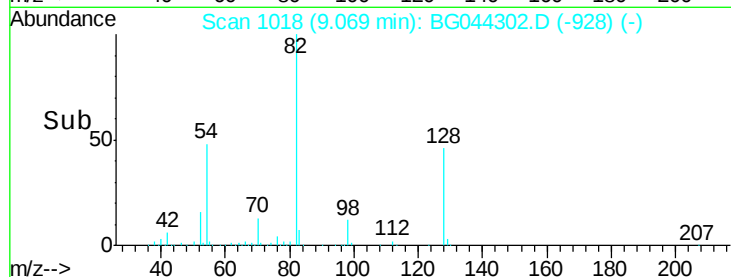
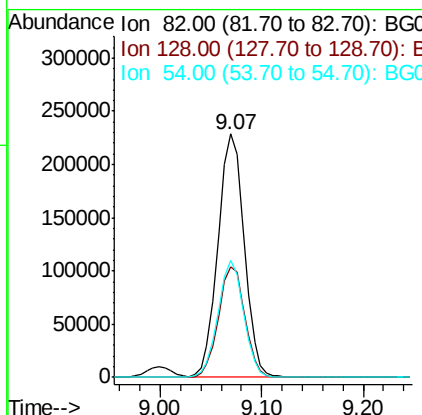
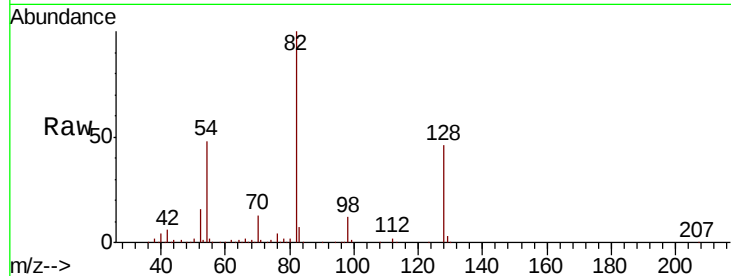




#23
 Nitrobenzene-d5
 Concen: 68.939 ng
 RT: 9.07 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BG044302.D
 Acq: 5 Feb 2020 13:29

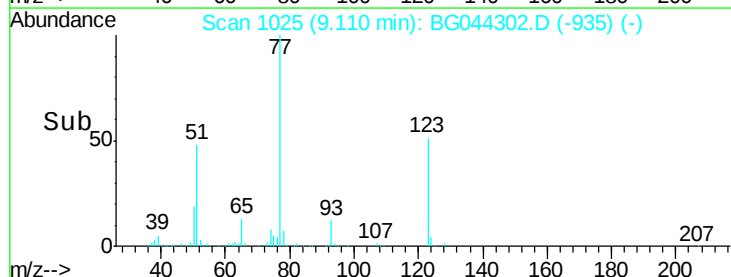
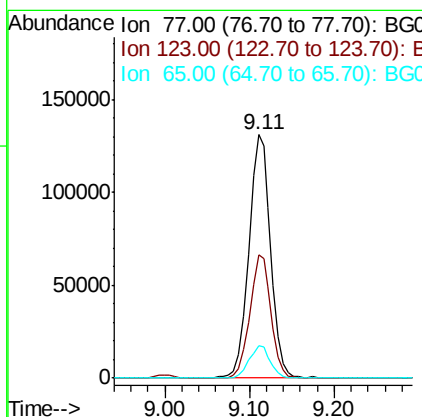
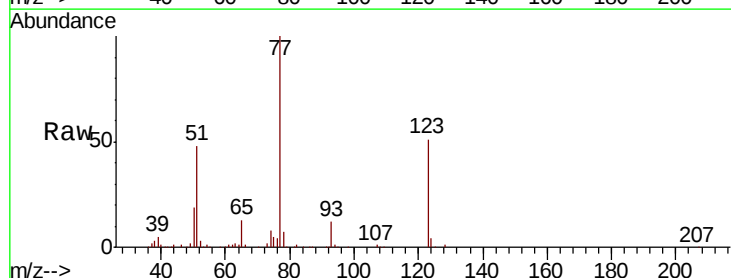
Instrument :
 BNA_G
 ClientSampleId :

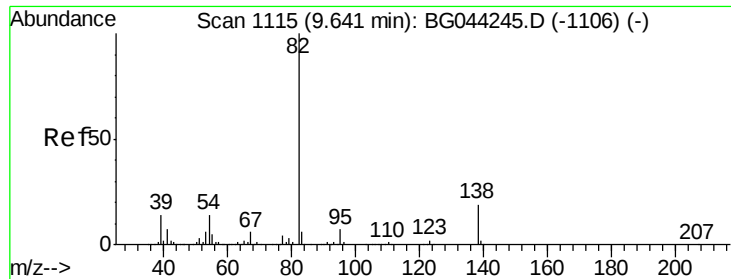
Tot Ion	82	Resp	411359
Ion Ratio	100	Lower	Upper
128	45.6	36.5	54.7
54	47.9	38.6	58.0



#24
 Nitrobenzene
 Concen: 40.242 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG044302.D
 Acq: 5 Feb 2020 13:29

Tgt Ion	77	Resp	234420
Ion Ratio	100	Lower	Upper
123	50.7	39.9	59.9
65	13.4	10.4	15.6





#25

Isophorone

Concen: 40.756 ng

RT: 9.64 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Instrument :

BNA_G

ClientSampleId :

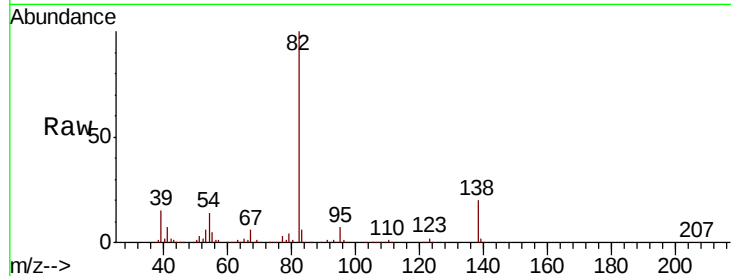
Tot Ion: 82 Resp: 453279

Ion Ratio Lower Upper

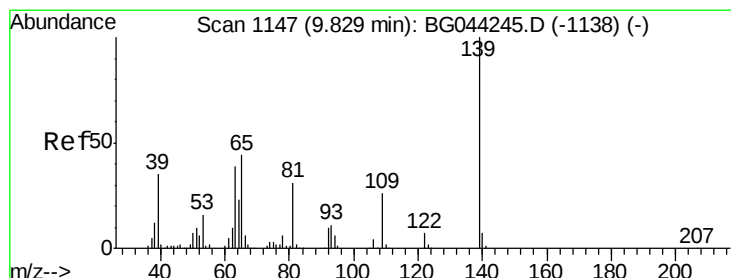
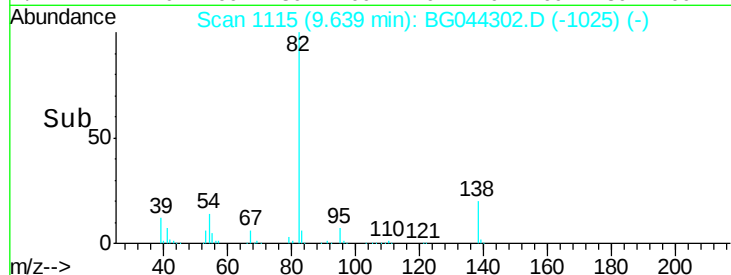
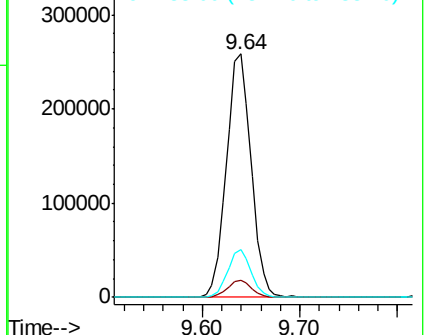
82 100

95 6.9 5.7 8.5

138 19.6 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: 43.459 ng

RT: 9.83 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

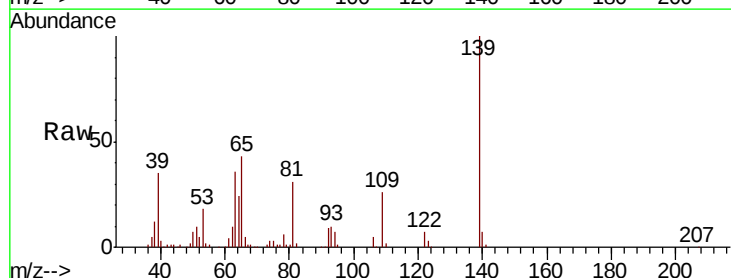
Tgt Ion: 139 Resp: 131363

Ion Ratio Lower Upper

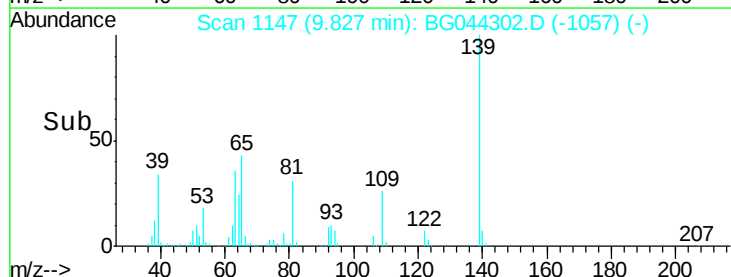
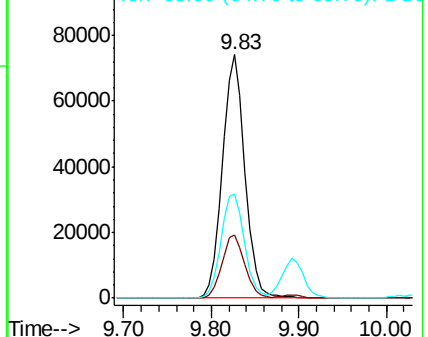
139 100

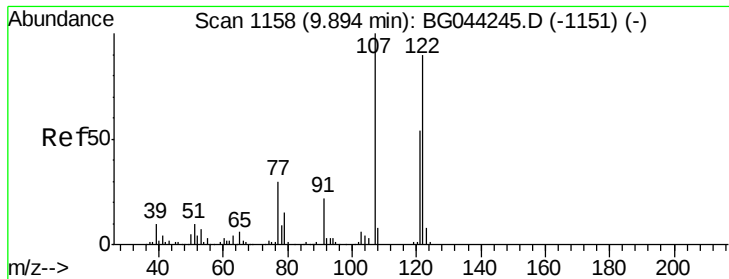
109 25.7 21.0 31.4

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

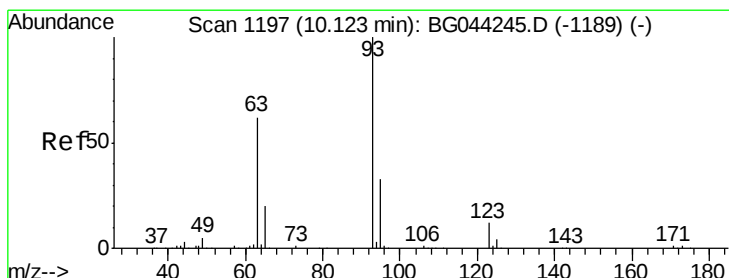
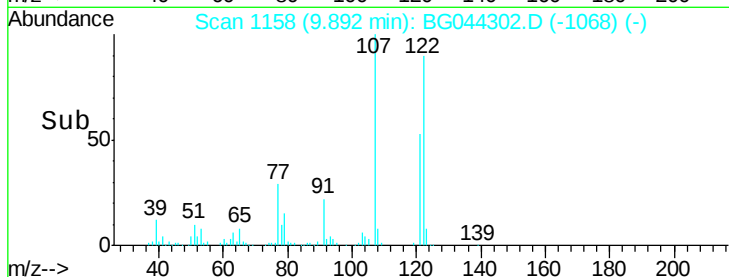
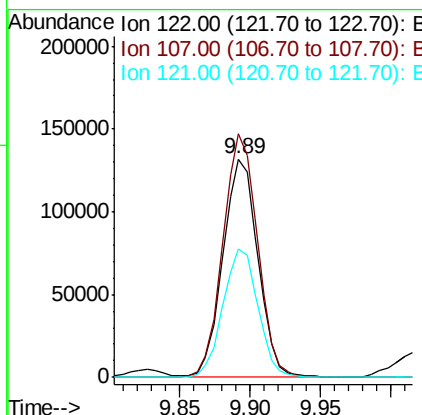
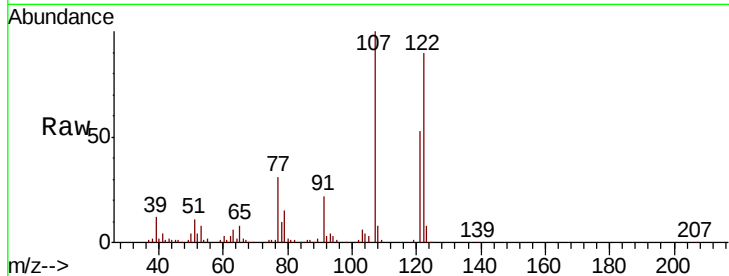




#27
 2,4-Dimethylphenol
 Concen: 52.826 ng
 RT: 9.89 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BG044302.D
 Acq: 5 Feb 2020 13:29

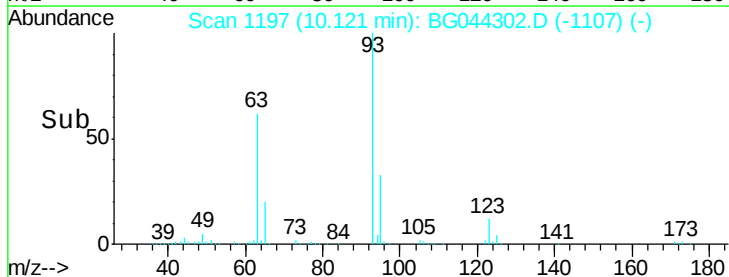
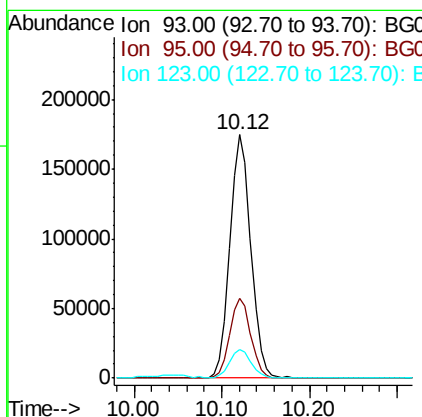
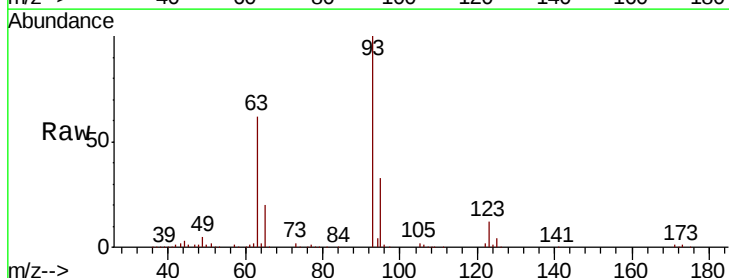
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.4	88.8	133.2
121	58.7	48.3	72.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.530 ng
 RT: 10.12 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BG044302.D
 Acq: 5 Feb 2020 13:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.6	40.0
123	11.9	10.0	15.0

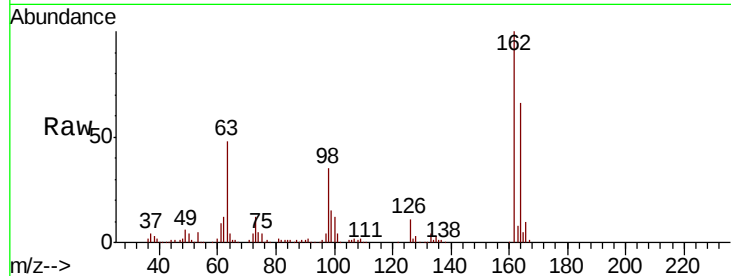




#29
2,4-Dichlorophenol
Concen: 45.989 ng
RT: 10.37 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.1	44.7	84.7
98	35.1	15.8	55.8

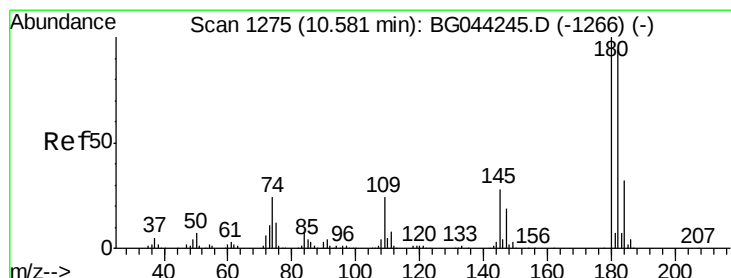
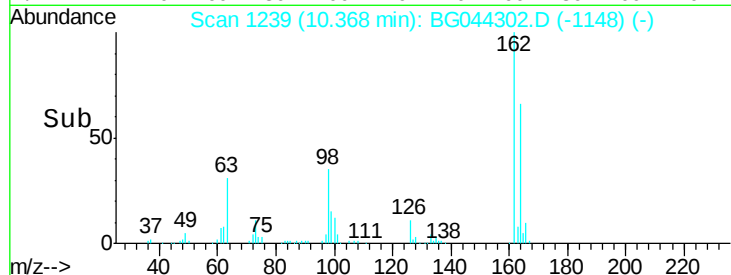
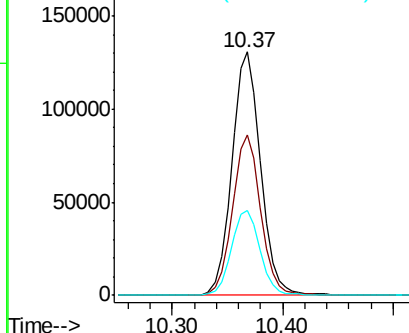


Abundance

Ion 162.00 (161.70 to 162.70): E

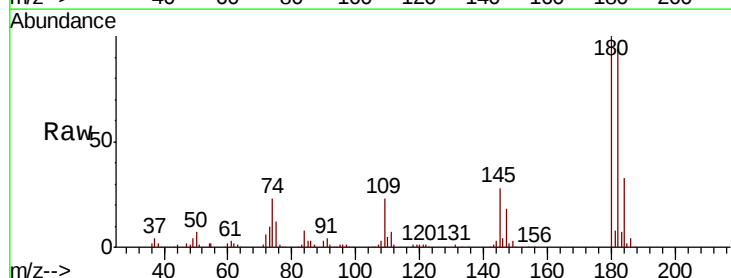
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
1,2,4-Trichlorobenzene
Concen: 38.518 ng
RT: 10.58 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.5	113.3
145	28.0	22.6	34.0

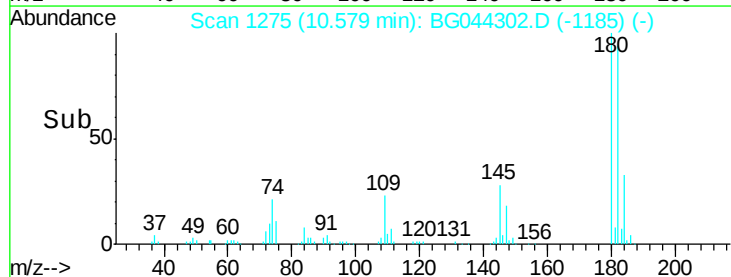
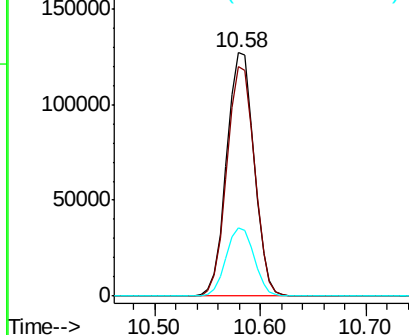


Abundance

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

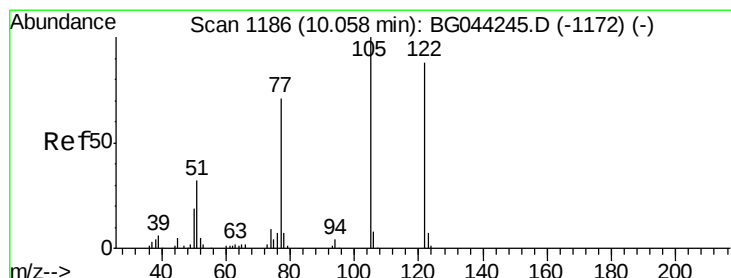
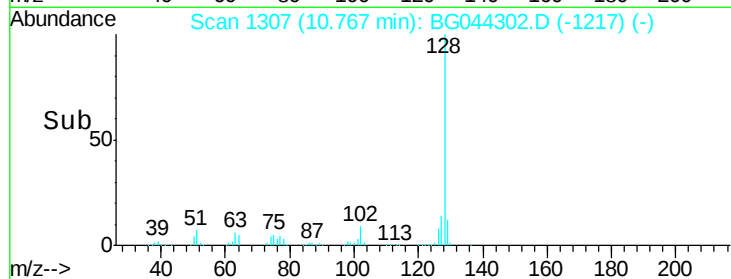
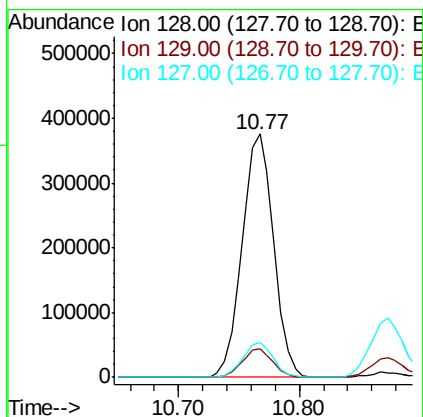
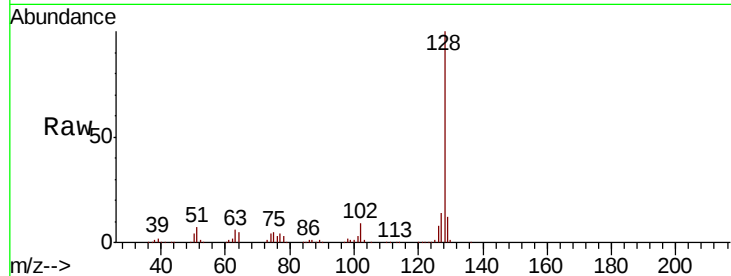




#31
Naphthalene
Concen: 41.585 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

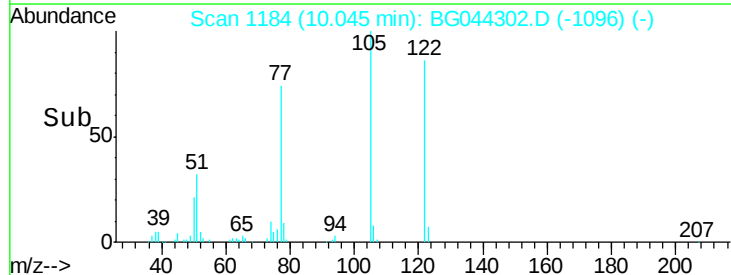
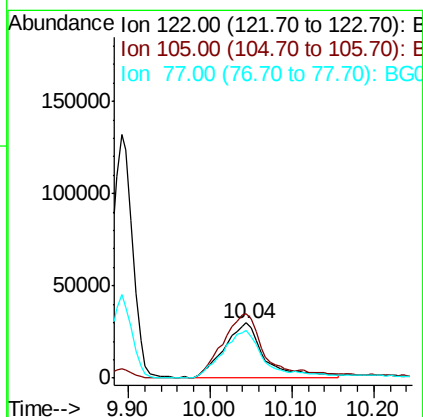
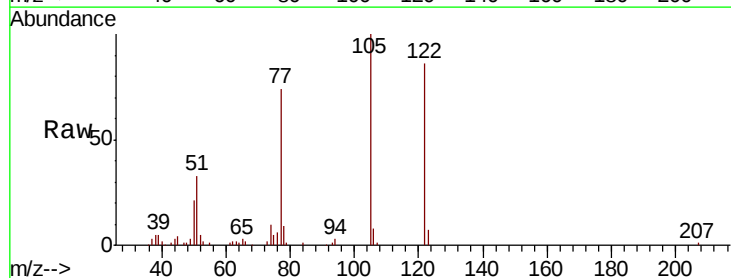
Instrument :
BNA_G
ClientSampled :

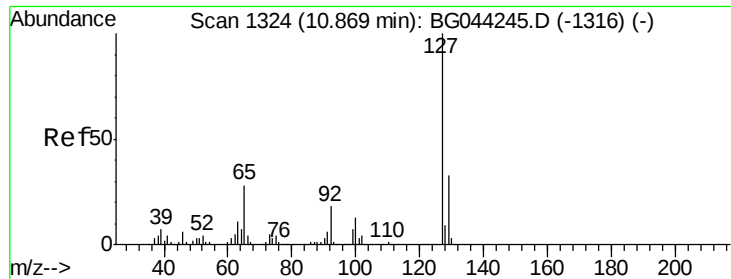
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	14.3	11.6	17.4



#32
Benzoic acid
Concen: 39.114 ng
RT: 10.04 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.3	93.5	133.5
77	86.2	61.0	101.0

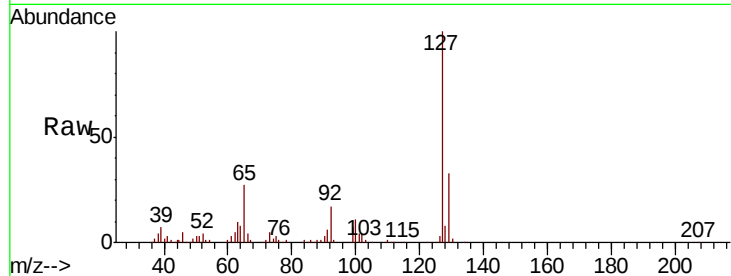




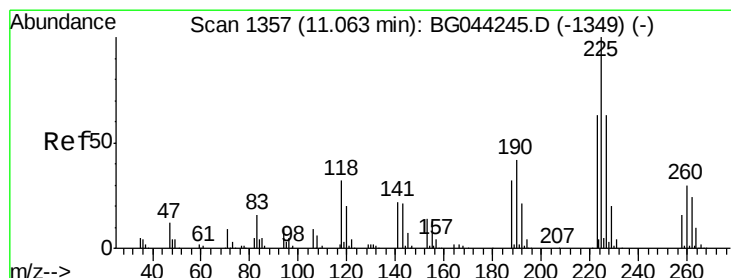
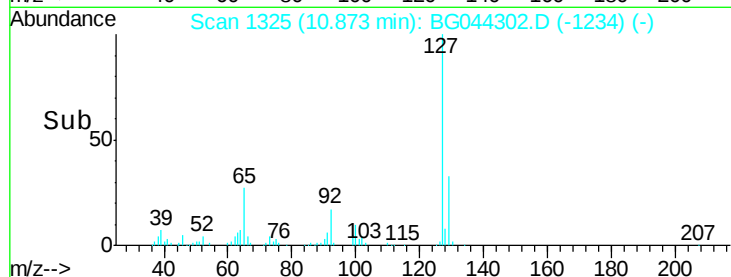
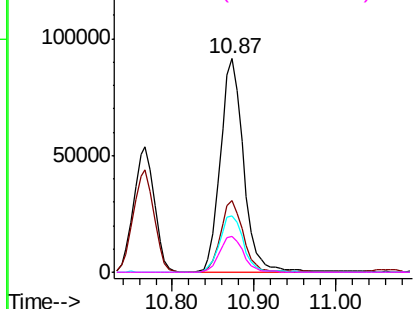
#33
4-Chloroaniline
Concen: 24.442 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	181690
Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.6	40.0
65	26.6	22.5	33.7
92	17.1	14.1	21.1

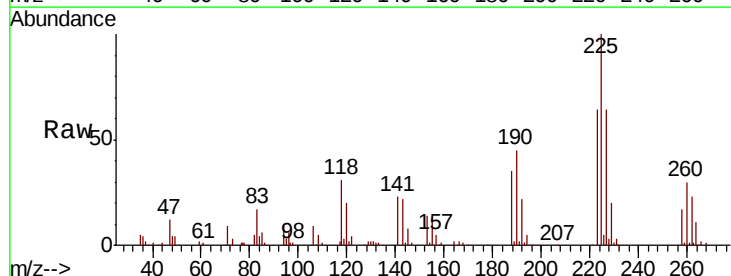


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

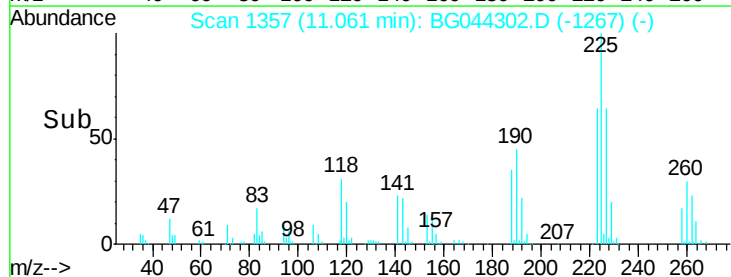
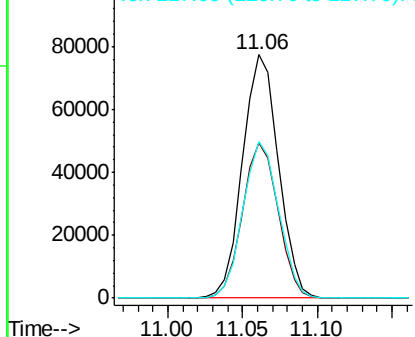


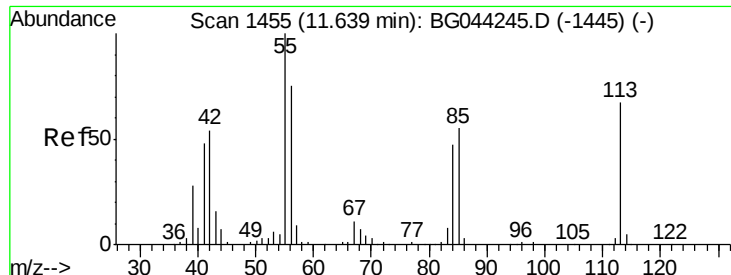
#34
Hexachlorobutadiene
Concen: 35.438 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Tgt Ion:	225	Resp:	129001
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.2	75.4
227	64.2	50.8	76.2



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

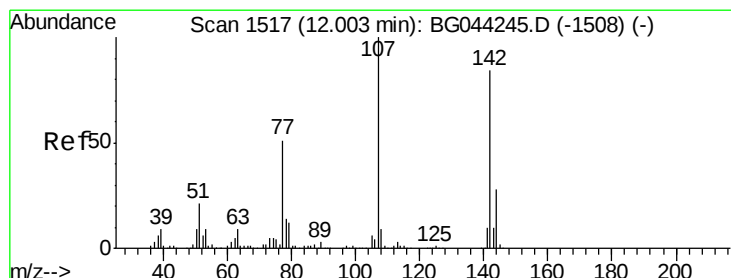
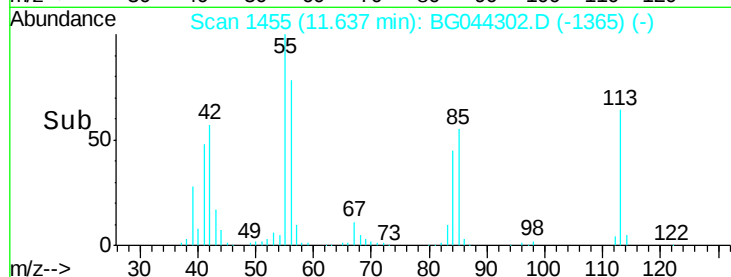
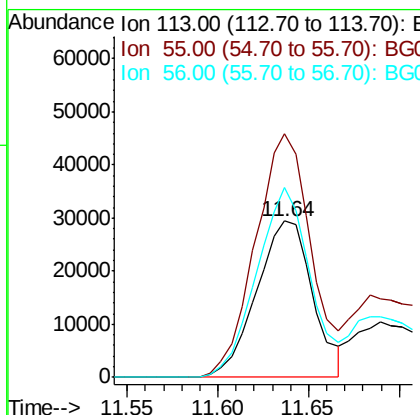
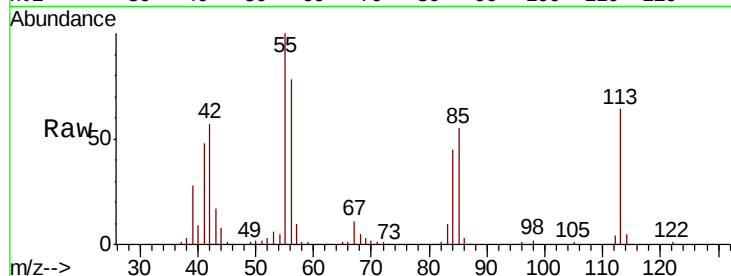




#35
 Caprolactam
 Concen: 33.481 ng
 RT: 11.64 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BG044302.D
 Acq: 5 Feb 2020 13:29

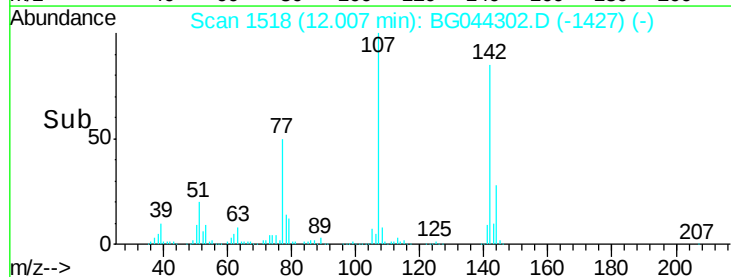
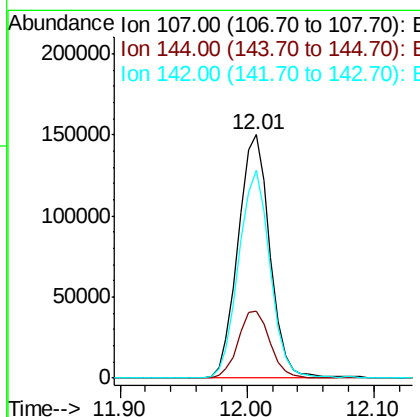
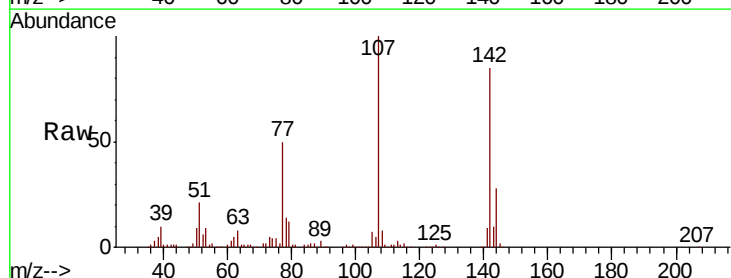
Instrument :
 BNA_G
 ClientSampleId :

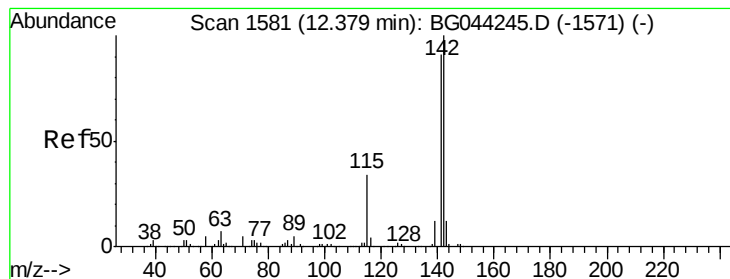
Tot Ion:113 Resp: 63277
 Ion Ratio Lower Upper
 113 100
 55 155.7 129.9 169.9
 56 121.2 92.5 132.5



#36
 4-Chloro-3-methylphenol
 Concen: 48.274 ng
 RT: 12.01 min Scan# 1518
 Delta R.T. 0.00 min
 Lab File: BG044302.D
 Acq: 5 Feb 2020 13:29

Tgt Ion:107 Resp: 261126
 Ion Ratio Lower Upper
 107 100
 144 27.7 22.2 33.4
 142 85.2 67.4 101.0





#37

2-Methylnaphthalene

Concen: 42.251 ng

RT: 12.38 min Scan# 1581

Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Instrument :

BNA_G

ClientSampleId :

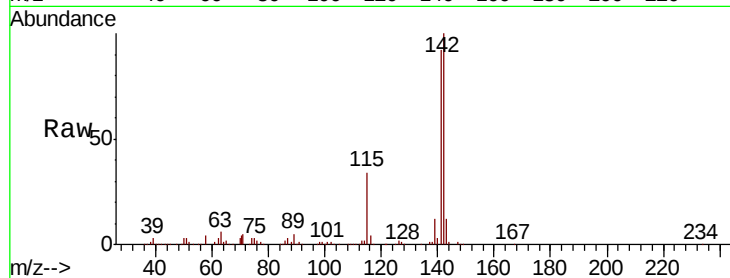
Tot Ion:142 Resp: 512722

Ion Ratio Lower Upper

142 100

141 91.7 73.2 109.8

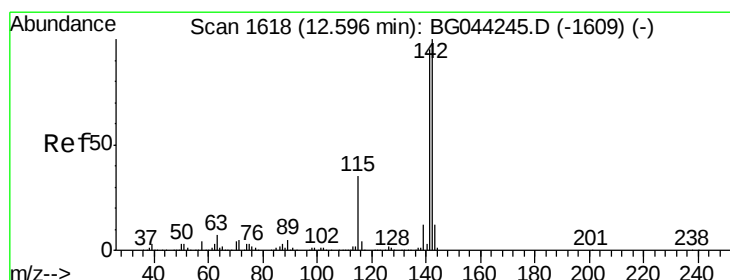
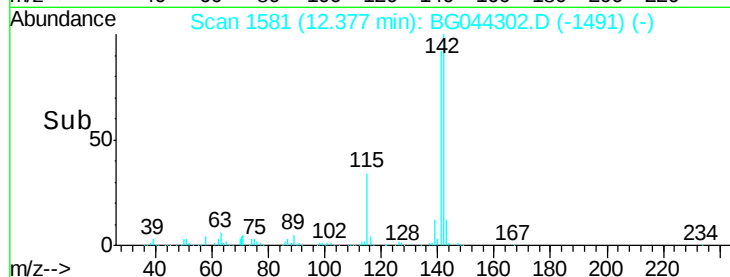
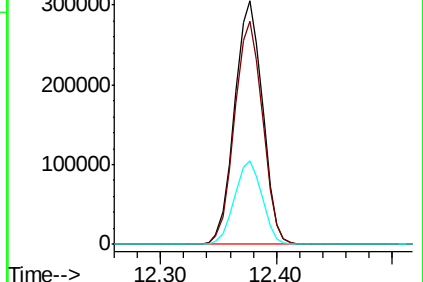
115 34.1 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.760 ng

RT: 12.59 min Scan# 1618

Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

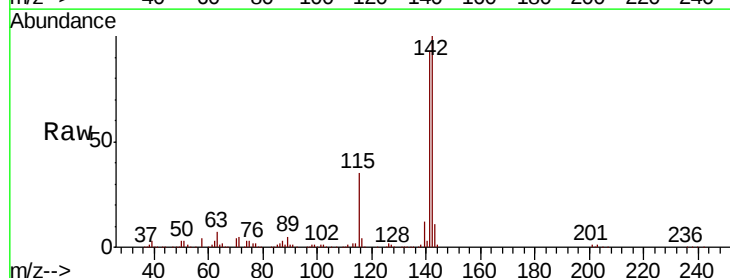
Tgt Ion:142 Resp: 489212

Ion Ratio Lower Upper

142 100

141 92.6 75.8 113.6

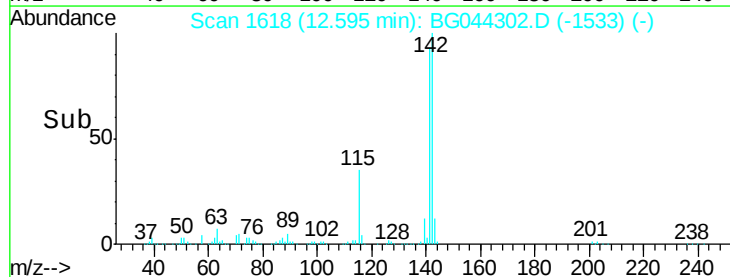
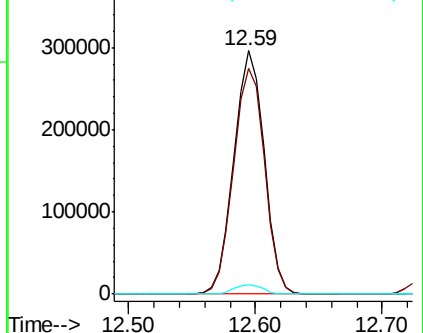
116 3.7 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.55 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Instrument :

BNA_G

ClientSampleId :

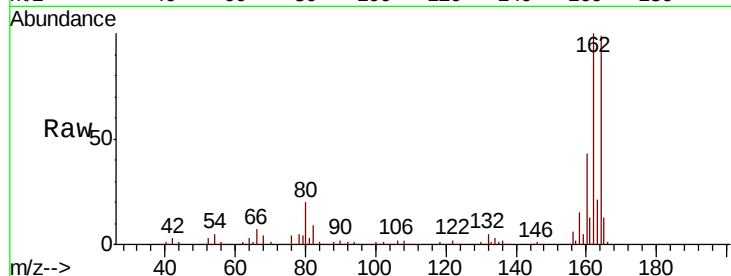
Tot Ion:164 Resp: 242473

Ion Ratio Lower Upper

164 100

162 101.2 80.7 121.1

160 44.0 35.3 52.9

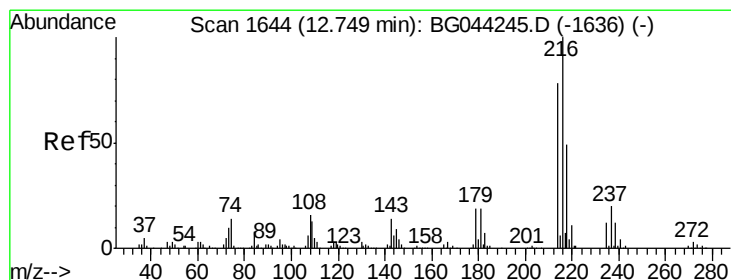
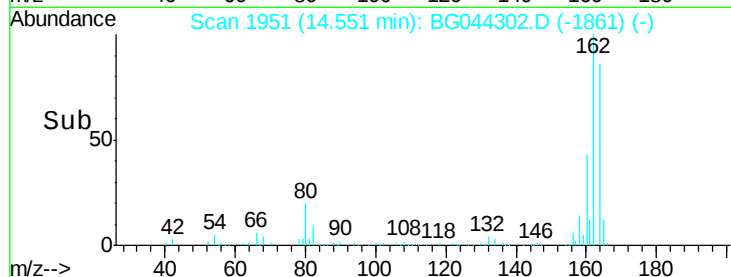
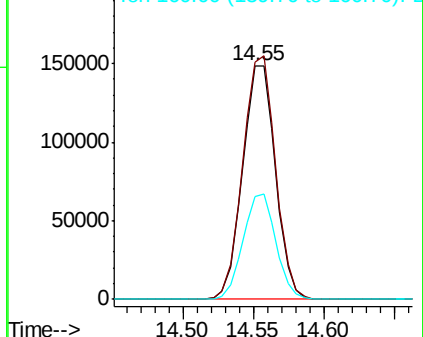


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.567 ng

RT: 12.75 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Tgt Ion:216 Resp: 250718

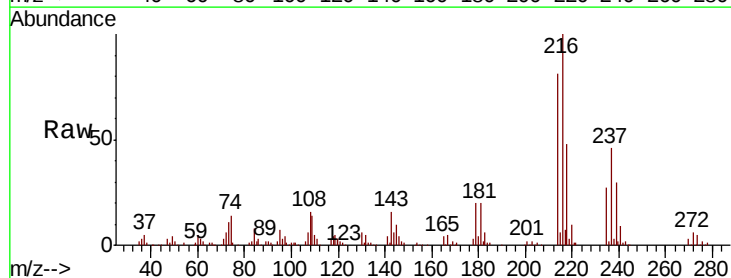
Ion Ratio Lower Upper

216 100

214 81.0 63.0 94.6

179 20.7 16.2 24.4

108 18.5 13.5 20.3



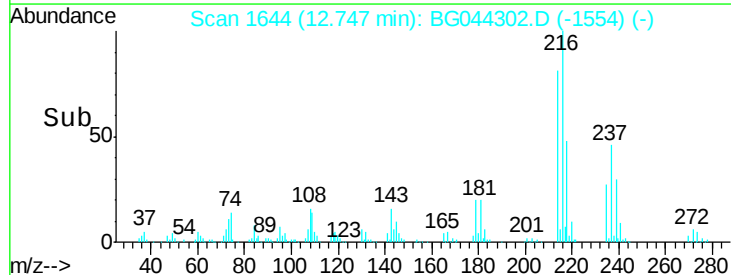
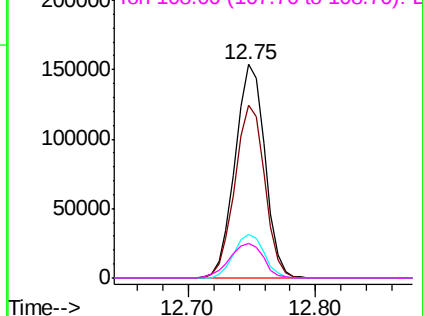
Abundance

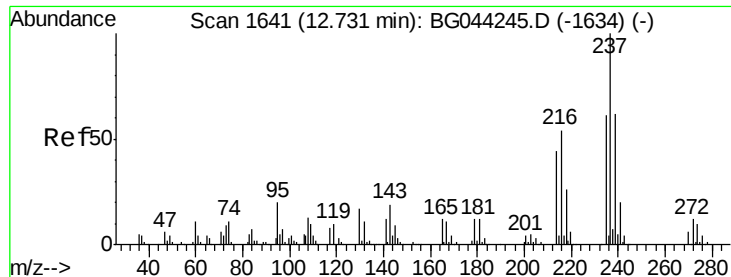
Ion 216.00 (215.70 to 216.70): E

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: 73.287 ng

RT: 12.74 min Scan# 1642

Delta R.T. 0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Instrument :

BNA_G

ClientSampleId :

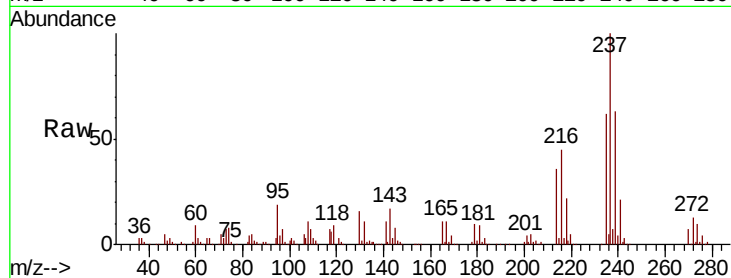
Tot Ion:237 Resp: 255061

Ion Ratio Lower Upper

237 100

235 62.0 41.2 81.2

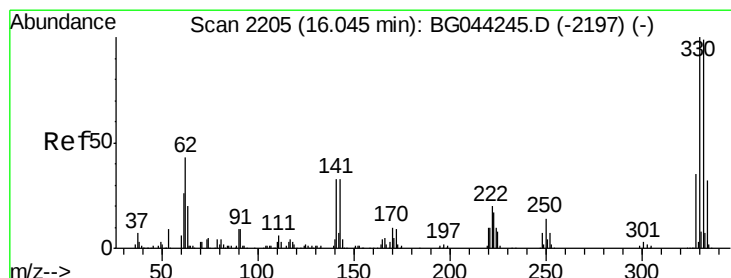
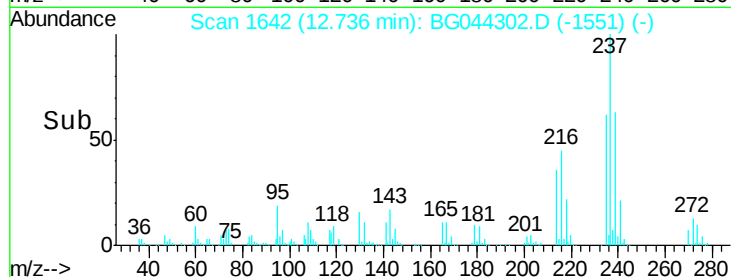
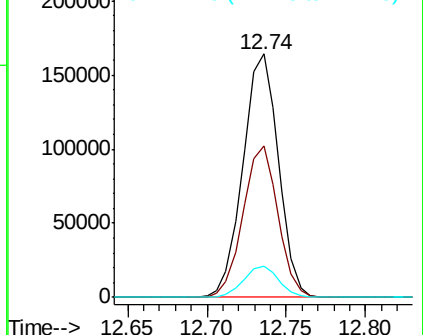
272 13.0 0.0 32.4



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: 128.568 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

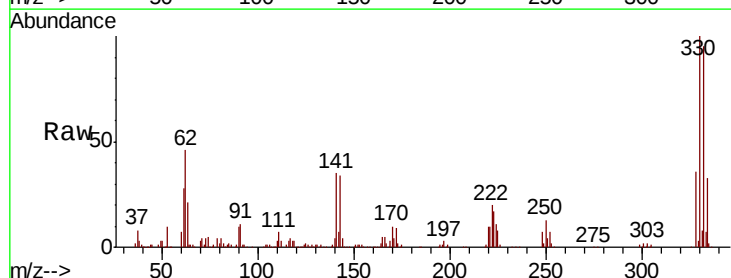
Tgt Ion:330 Resp: 365968

Ion Ratio Lower Upper

330 100

332 95.1 77.2 115.8

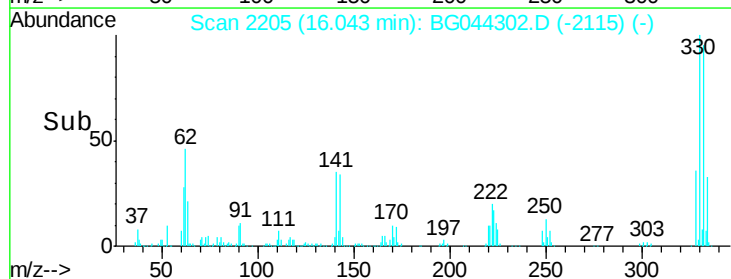
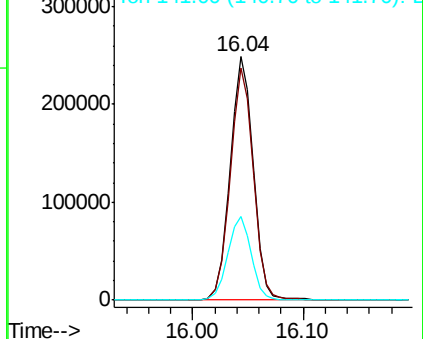
141 35.2 28.3 42.5

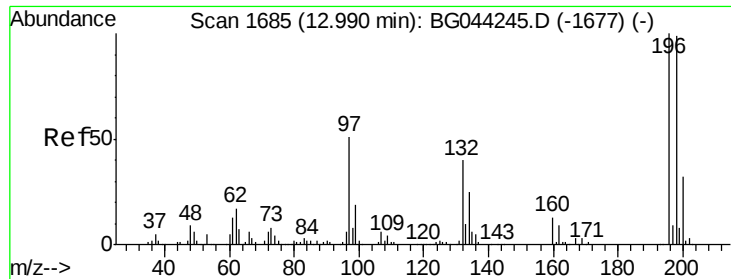


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

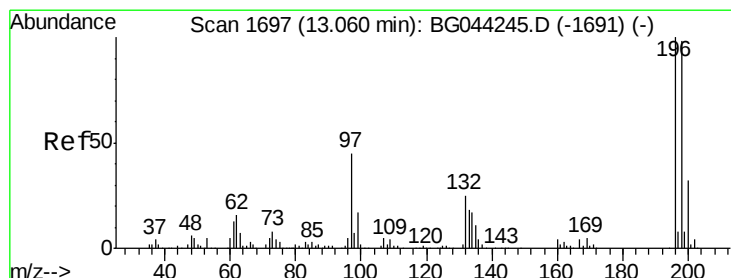
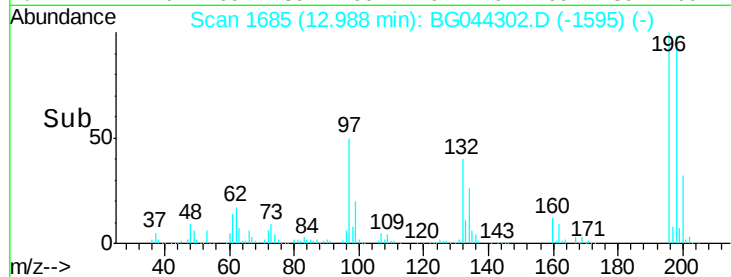
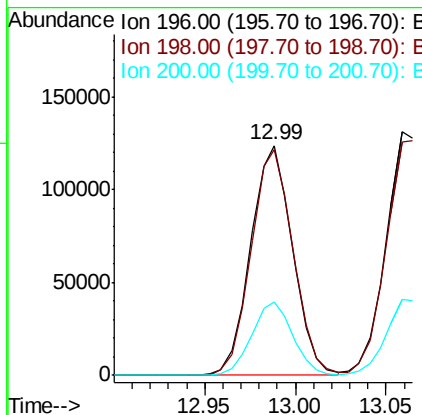
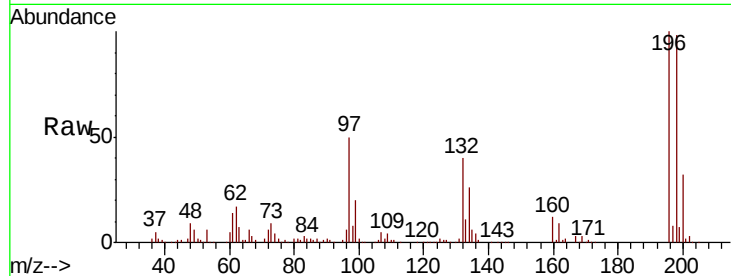




#43
 2,4,6-Trichlorophenol
 Concen: 42.326 ng
 RT: 12.99 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: BG044302.D
 Acq: 5 Feb 2020 13:29

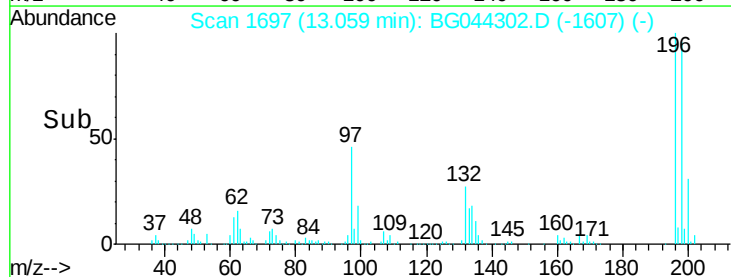
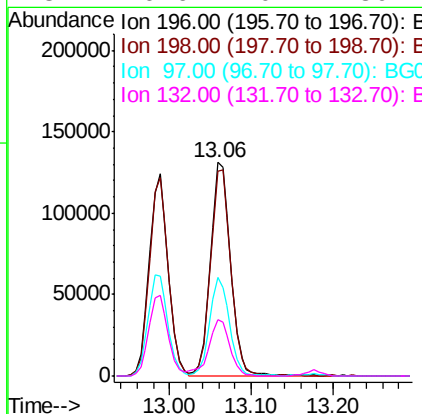
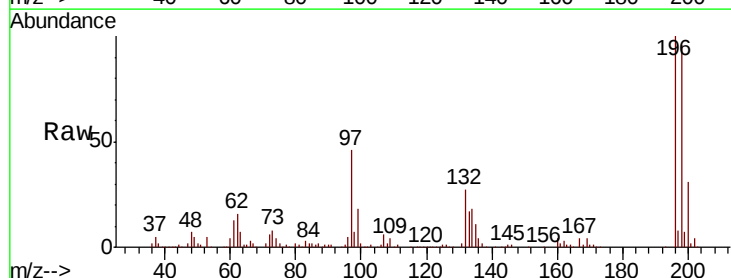
Instrument :
 BNA_G
 ClientSampleId :

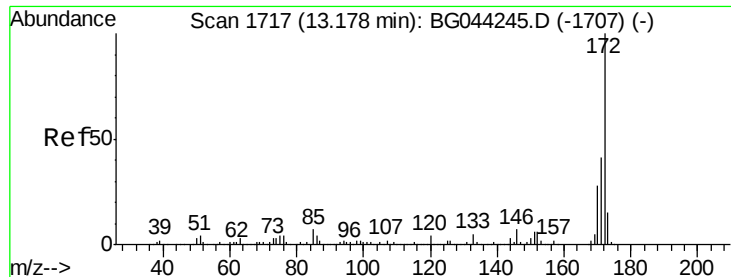
Tot Ion	196	Resp	198437
Ion Ratio	Lower	Upper	
196	100		
198	98.2	79.3	118.9
200	31.8	25.7	38.5



#44
 2,4,5-Trichlorophenol
 Concen: 46.972 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG044302.D
 Acq: 5 Feb 2020 13:29

Tgt Ion	196	Resp	224928
Ion Ratio	Lower	Upper	
196	100		
198	95.7	78.2	117.2
97	46.5	36.2	54.4
132	26.6	20.2	30.4

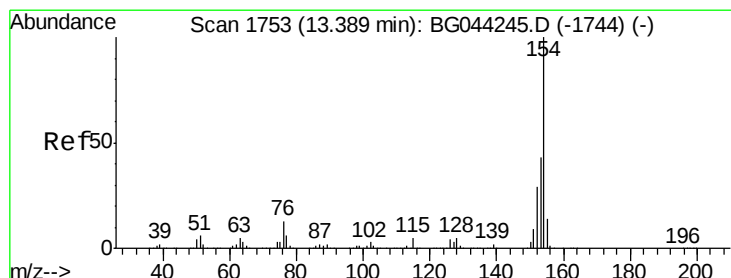
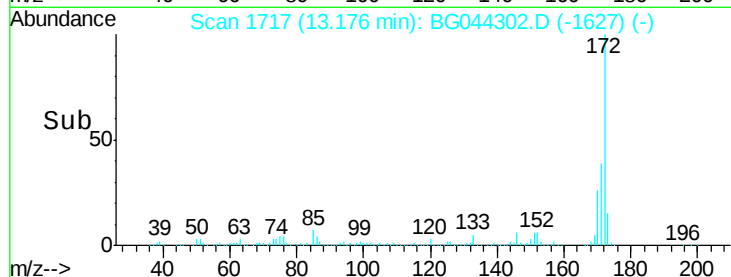
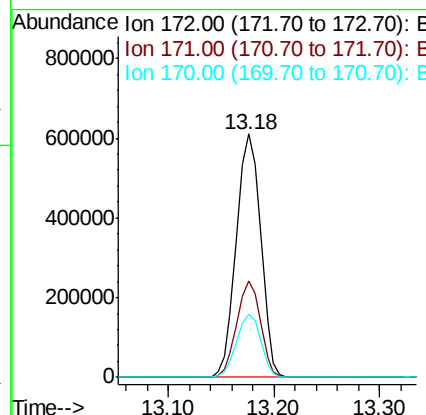
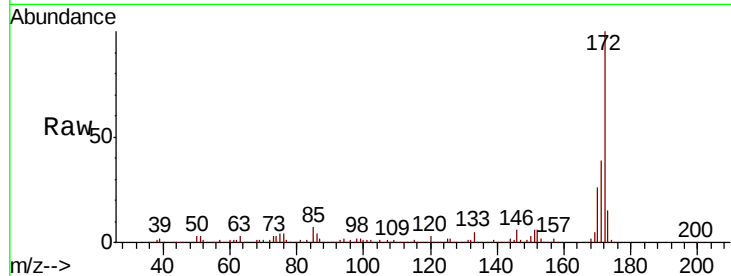




#45
 2-Fluorobiphenyl
 Concen: 67.207 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BG044302.D
 Acq: 5 Feb 2020 13:29

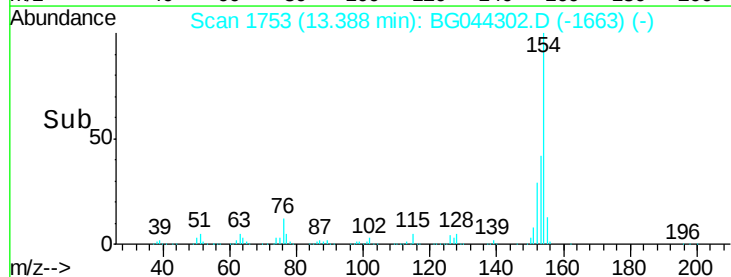
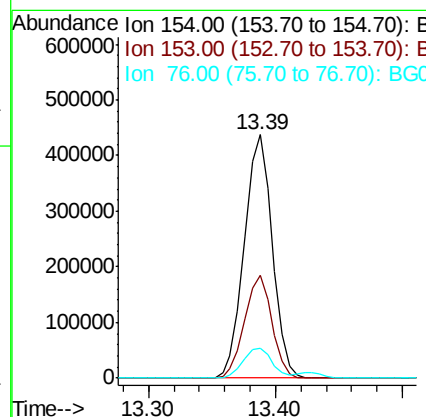
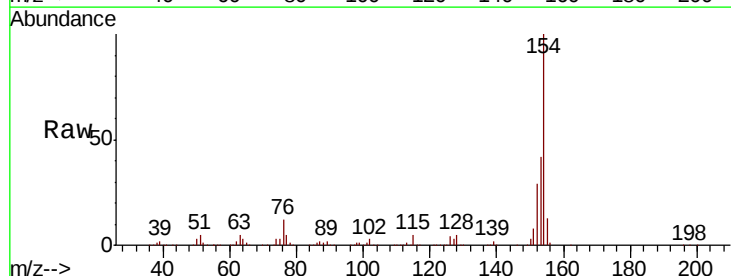
Instrument :
 BNA_G
 ClientSampleId :

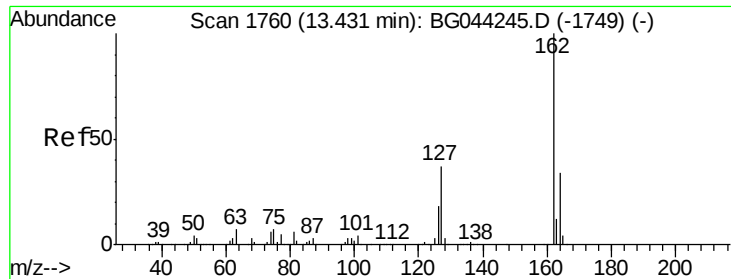
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.4	32.9	49.3
170	25.8	22.0	33.0



#46
 1,1'-Biphenyl
 Concen: 38.181 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BG044302.D
 Acq: 5 Feb 2020 13:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	22.7	62.7
76	12.3	0.0	32.9

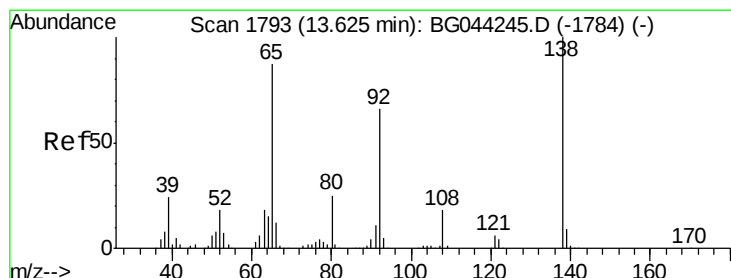
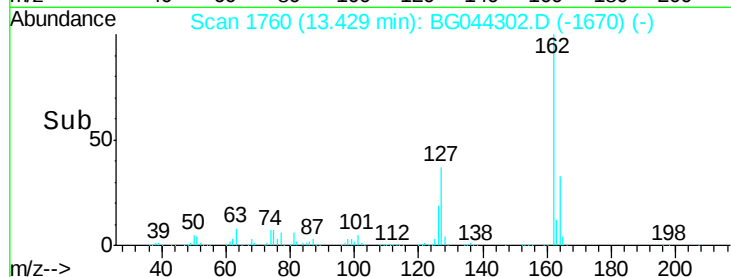
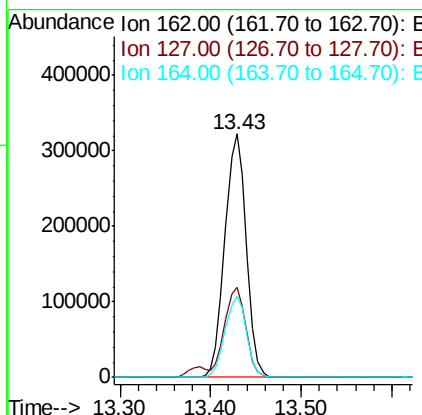
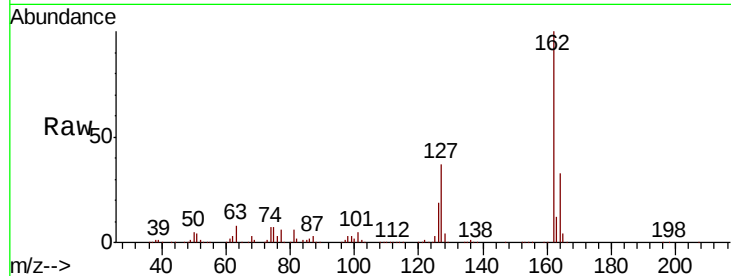




#47
 2-Chloronaphthalene
 Concen: 37.851 ng
 RT: 13.43 min Scan# 1760
 Delta R.T. -0.00 min
 Lab File: BG044302.D
 Acq: 5 Feb 2020 13:29

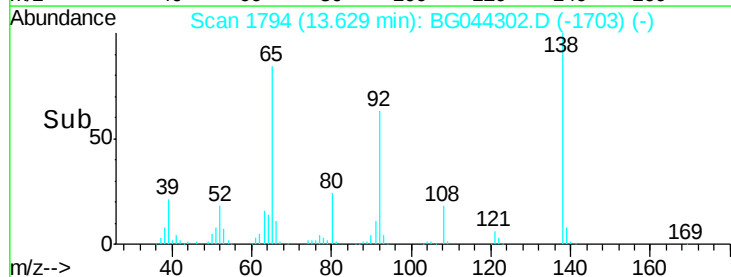
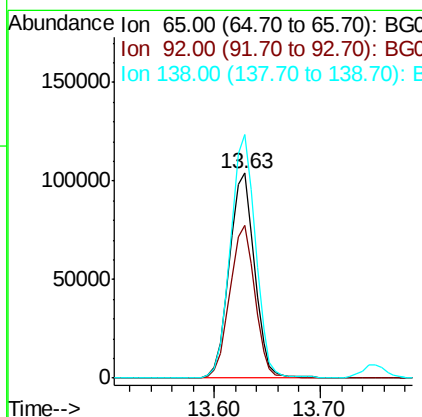
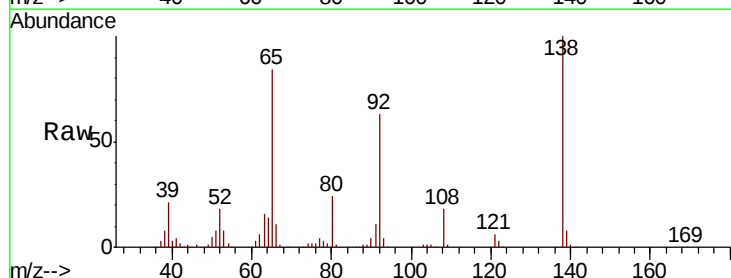
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.2	30.0	45.0
164	33.5	27.2	40.8



#48
 2-Nitroaniline
 Concen: 41.883 ng
 RT: 13.63 min Scan# 1794
 Delta R.T. 0.00 min
 Lab File: BG044302.D
 Acq: 5 Feb 2020 13:29

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.4	60.3	90.5
138	118.7	91.9	137.9





#49

Acenaphthylene

Concen: 42.293 ng

RT: 14.27 min Scan# 1904

Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Instrument :

BNA_G

ClientSampleId :

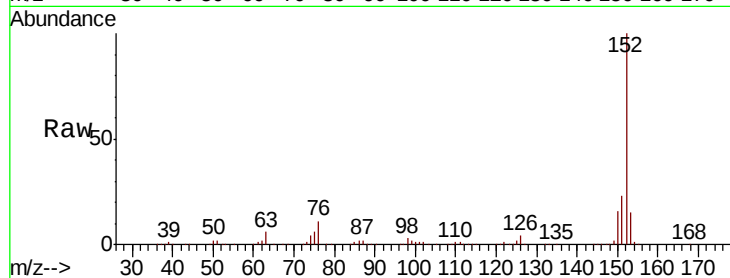
Tot Ion:152 Resp: 863339

Ion Ratio Lower Upper

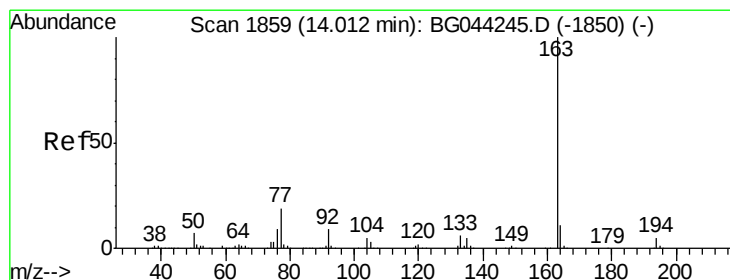
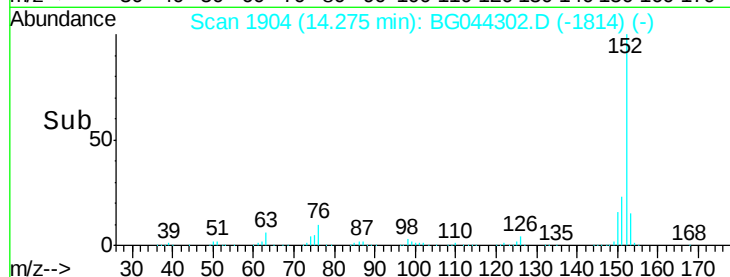
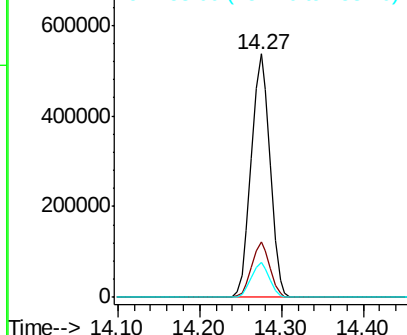
152 100

151 22.5 18.1 27.1

153 14.6 11.5 17.3



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



#50

Dimethylphthalate

Concen: 41.311 ng

RT: 14.01 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

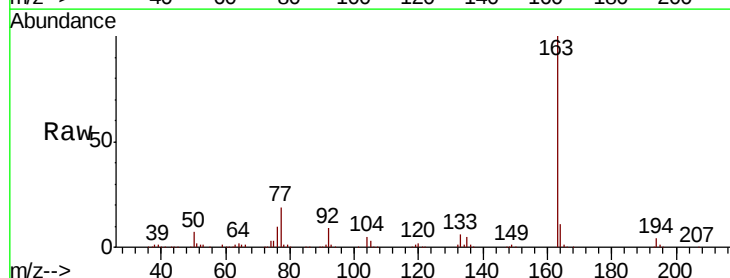
Tgt Ion:163 Resp: 720036

Ion Ratio Lower Upper

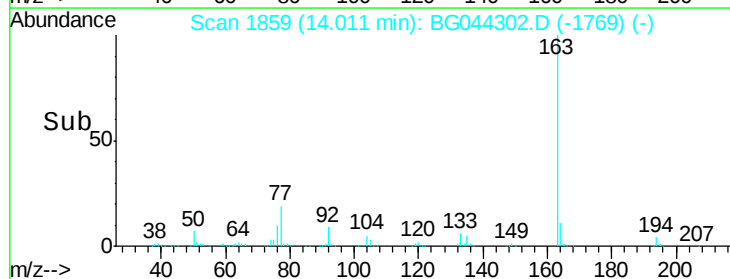
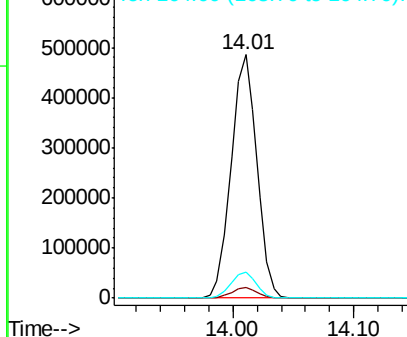
163 100

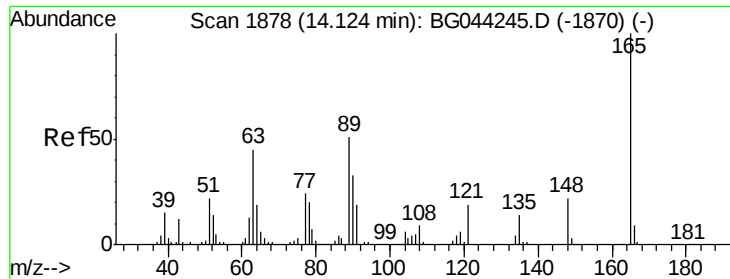
194 4.3 3.6 5.4

164 10.6 8.7 13.1



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

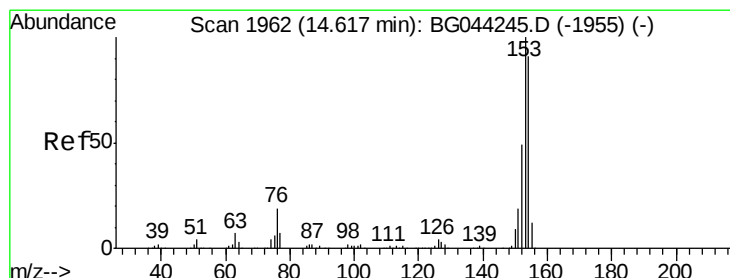
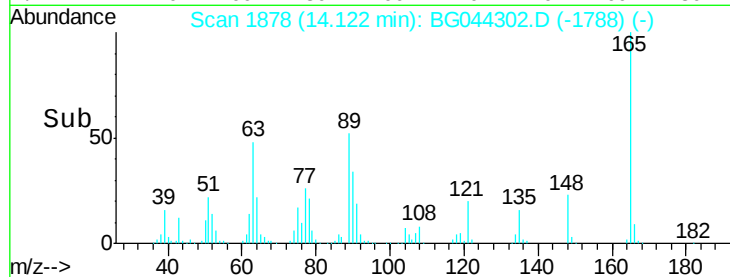
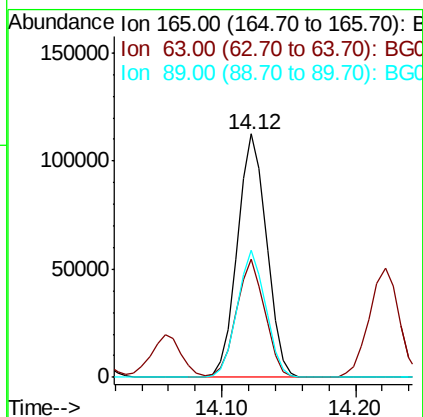
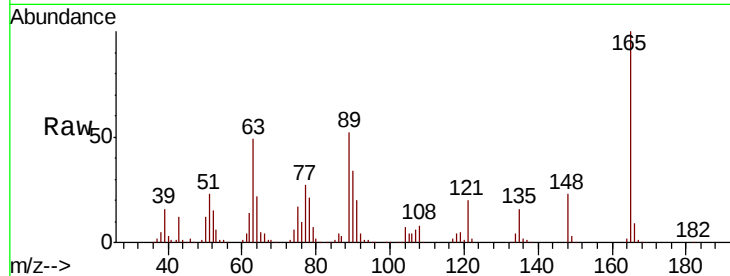




#51
 2,6-Dinitrotoluene
 Concen: 43.719 ng
 RT: 14.12 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: BG044302.D
 Acq: 5 Feb 2020 13:29

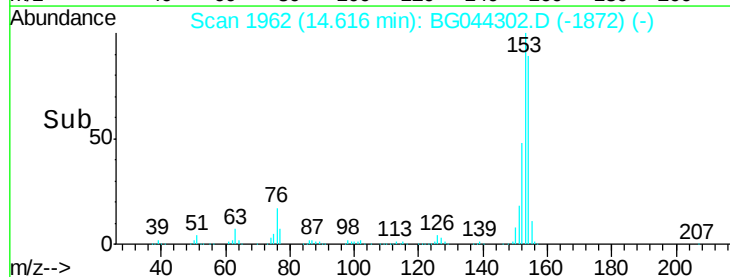
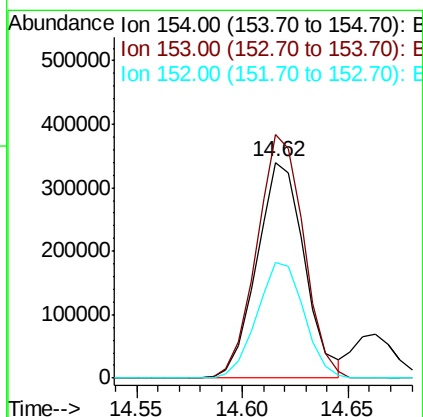
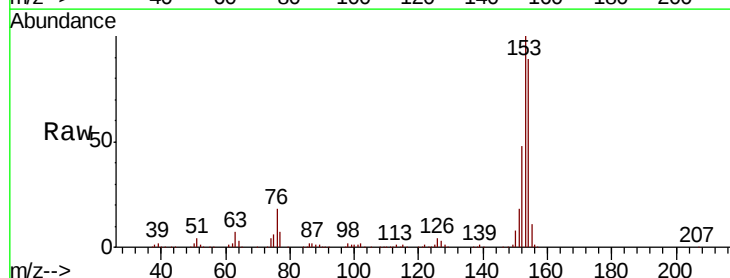
Instrument :
 BNA_G
 ClientSampled :

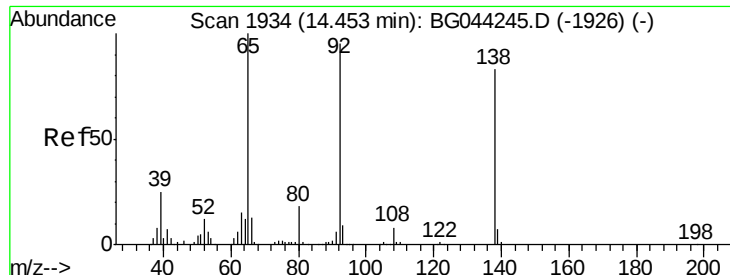
Tot Ion	165	Resp	169901
Ion Ratio	100	Lower	Upper
165	100		
63	48.6	38.7	58.1
89	52.4	40.4	60.6



#52
 Acenaphthene
 Concen: 40.289 ng
 RT: 14.62 min Scan# 1962
 Delta R.T. -0.00 min
 Lab File: BG044302.D
 Acq: 5 Feb 2020 13:29

Tgt Ion	154	Resp	533071
Ion Ratio	100	Lower	Upper
154	100		
153	112.7	87.9	131.9
152	53.6	43.1	64.7

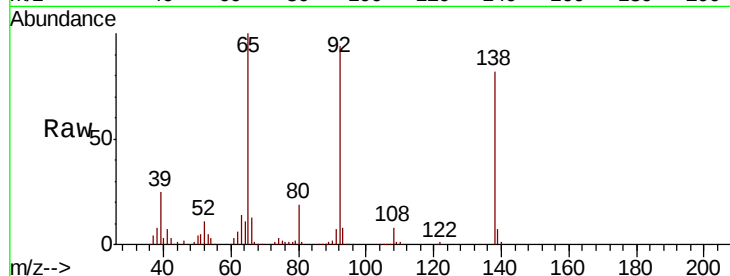




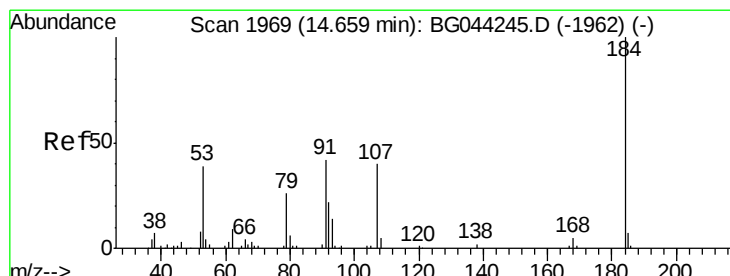
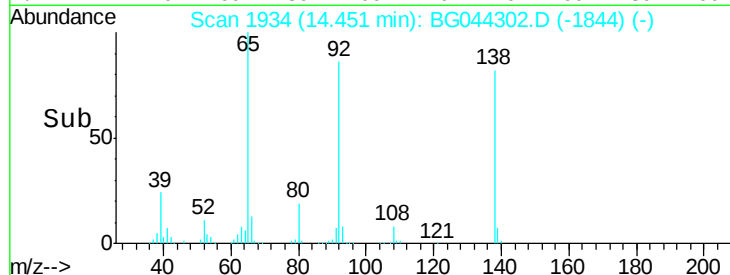
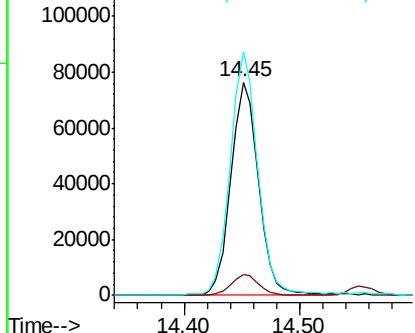
#53
3-Nitroaniline
Concen: 29.656 ng
RT: 14.45 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Instrument :
BNA_G
ClientSampled :

Tot Ion:138 Resp: 127505
Ion Ratio Lower Upper
138 100
108 9.6 7.9 11.9
92 114.1 91.0 136.4

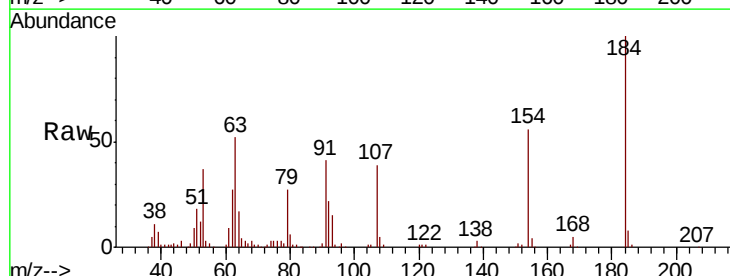


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

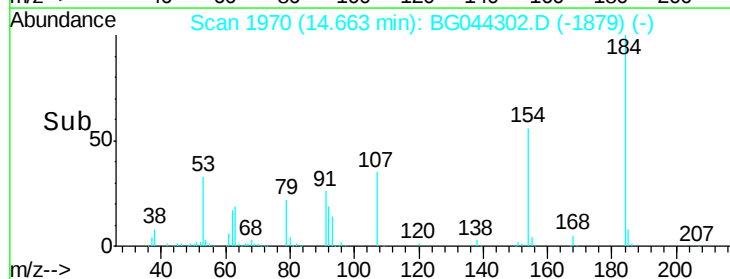
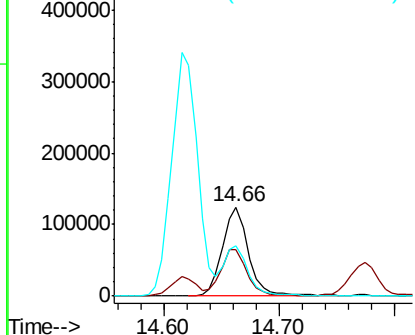


#54
2,4-Dinitrophenol
Concen: 84.578 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Tgt Ion:184 Resp: 195872
Ion Ratio Lower Upper
184 100
63 52.5 44.1 66.1
154 56.5 45.4 68.0



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

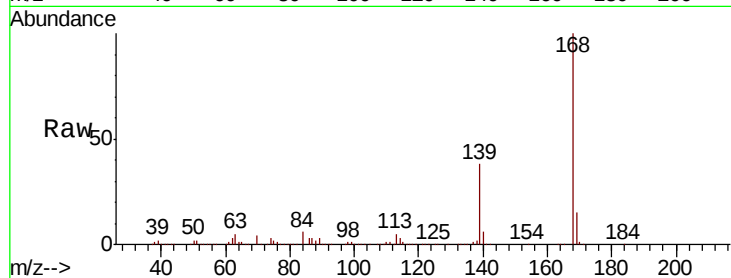




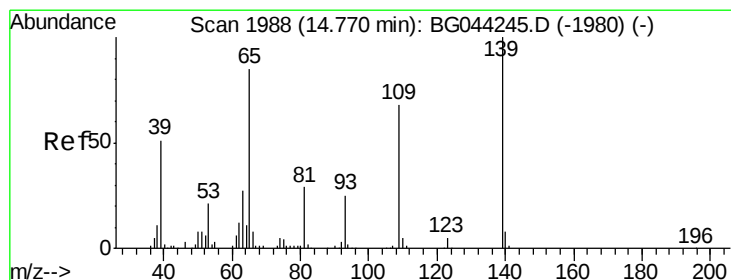
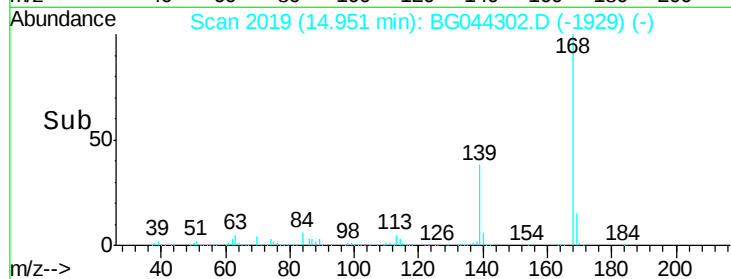
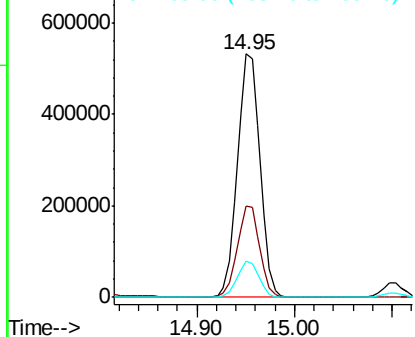
#55
Dibenzenofuran
Concen: 42.414 ng
RT: 14.95 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 849673
Ion Ratio Lower Upper
168 100
139 37.7 30.5 45.7
169 14.6 11.7 17.5

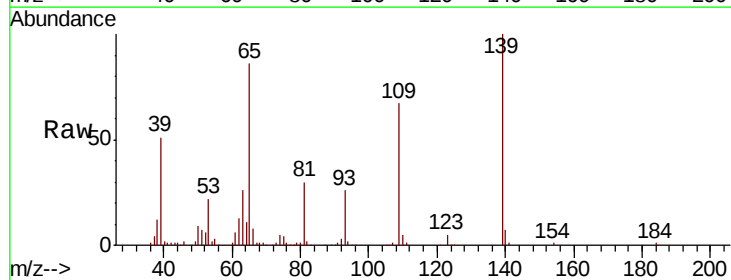


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

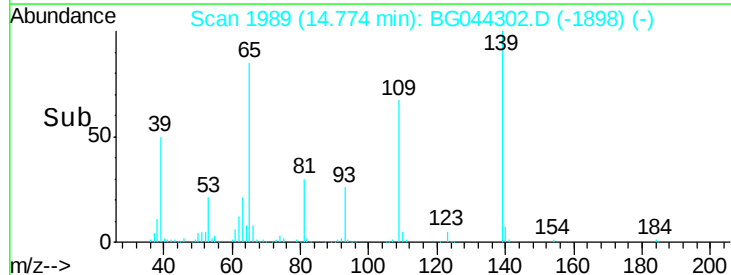
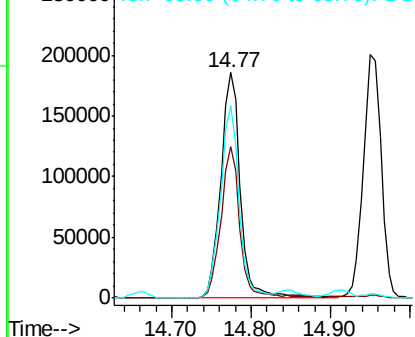


#56
4-Nitrophenol
Concen: 101.693 ng
RT: 14.77 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Tgt Ion:139 Resp: 320275
Ion Ratio Lower Upper
139 100
109 67.1 47.5 87.5
65 85.6 64.9 104.9



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

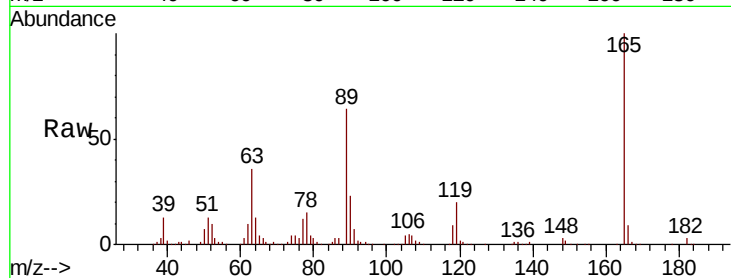




#57
2,4-Dinitrotoluene
Concen: 44.497 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	36.3	30.3	45.5
89	63.7	53.4	80.2
182	2.6	2.1	3.1



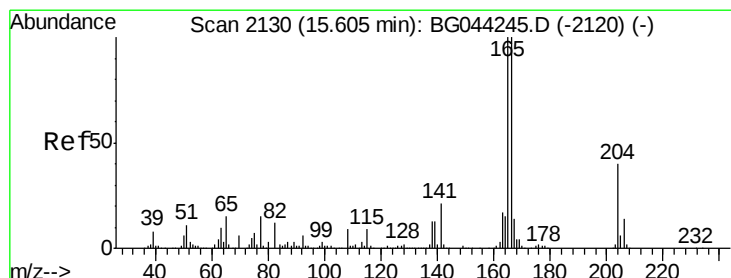
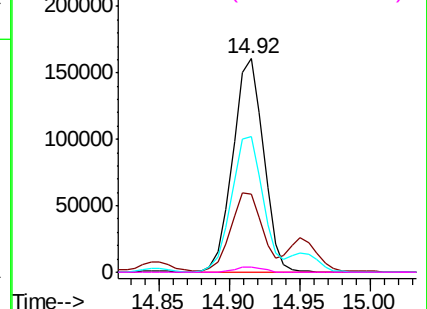
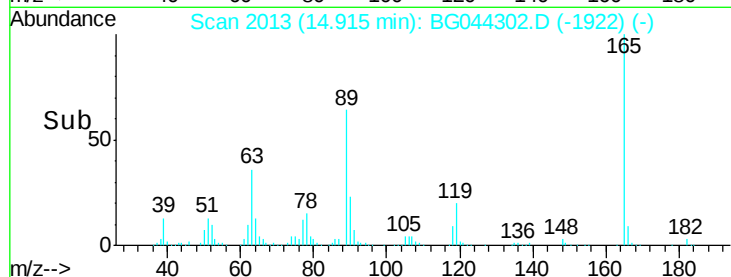
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

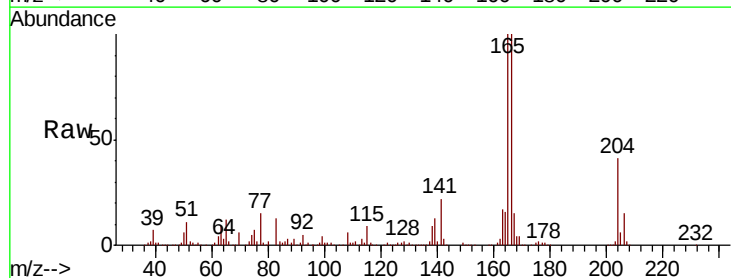
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 43.337 ng
RT: 15.60 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.9	119.9
167	14.5	11.4	17.0

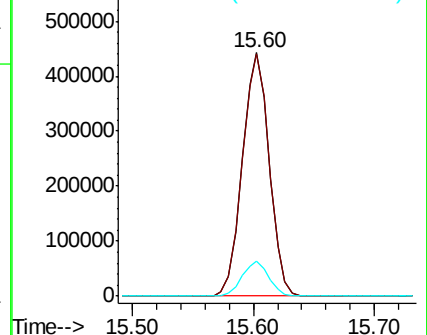
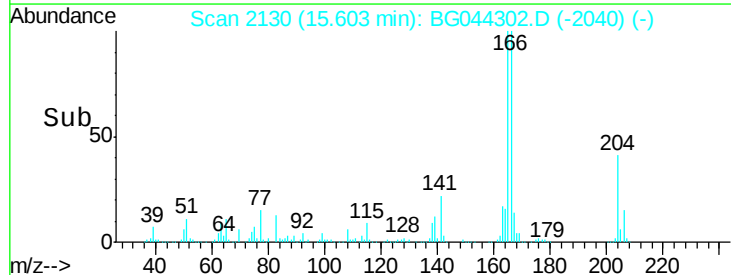


Abundance

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

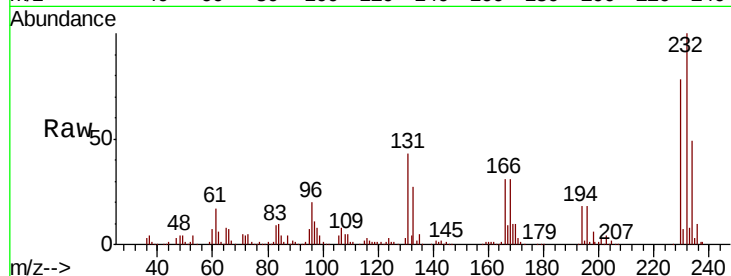




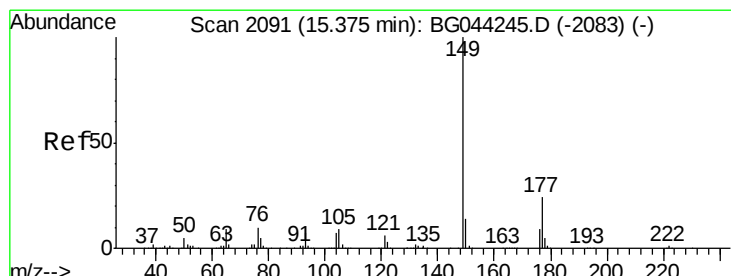
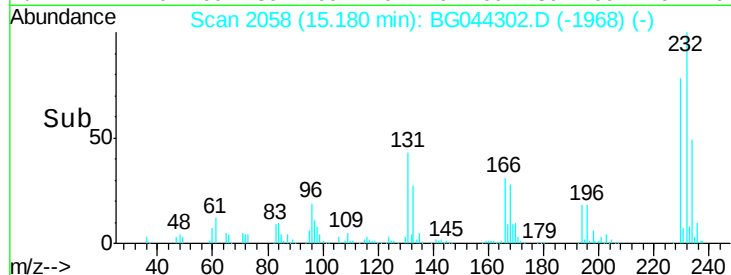
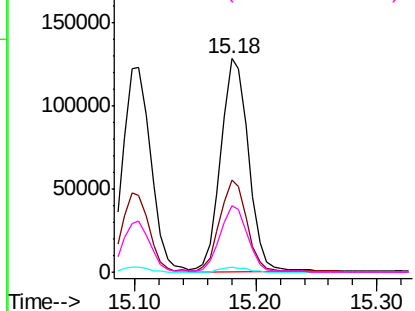
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.237 ng
RT: 15.18 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:232	Resp:	204318
Ion Ratio	Lower	Upper
232	100	
131	43.1	34.2 51.4
130	2.4	1.8 2.8
166	30.9	23.8 35.8

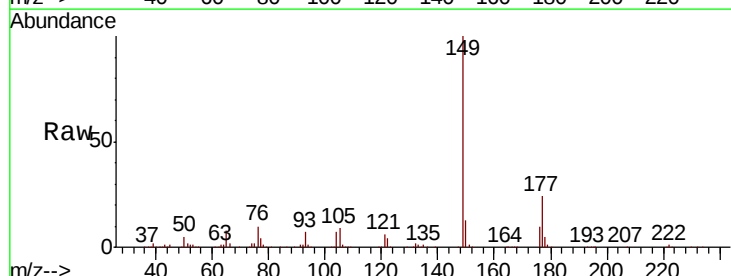


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

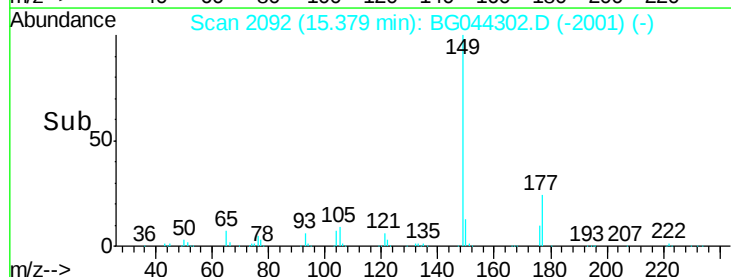
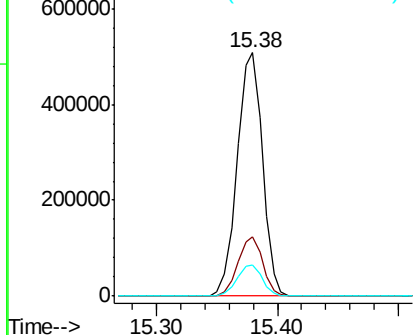


#60
Diethylphthalate
Concen: 42.855 ng
RT: 15.38 min Scan# 2092
Delta R.T. 0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Tgt Ion:149	Resp:	744284
Ion Ratio	Lower	Upper
149	100	
177	24.1	19.4 29.0
150	13.0	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

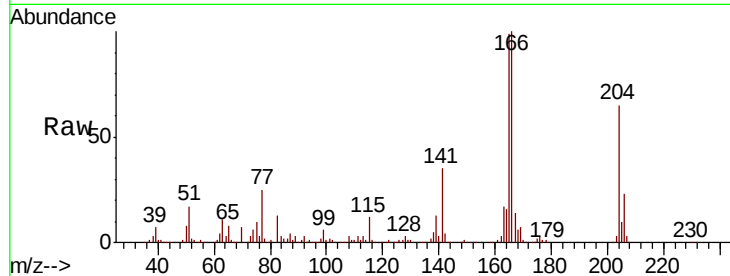




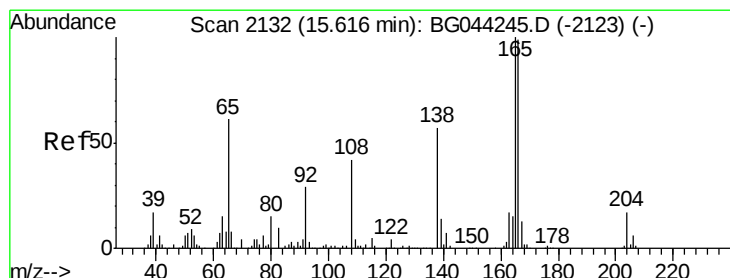
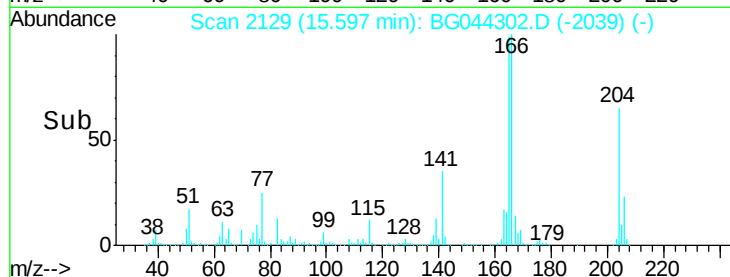
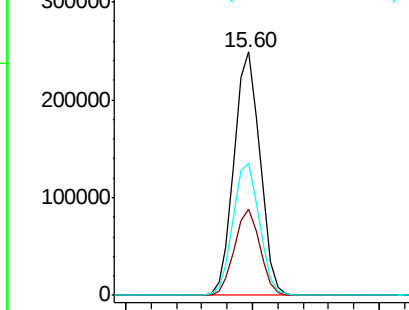
#61
 4-Chlorophenyl-phenylether
 Concen: 41.120 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. -0.00 min
 Lab File: BG044302.D
 Acq: 5 Feb 2020 13:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.3	27.6	41.4
141	54.1	43.4	65.0

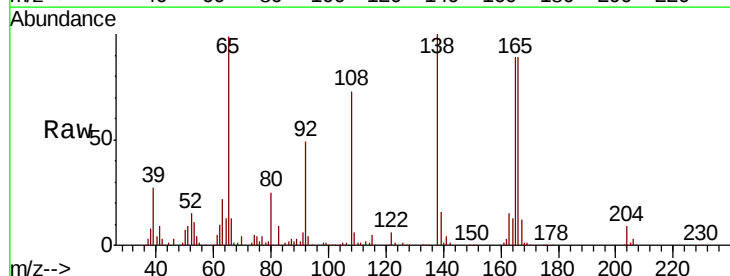


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

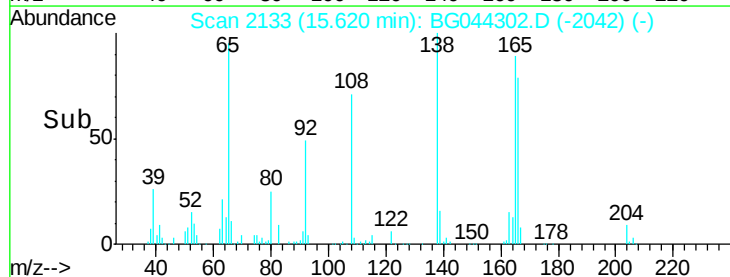
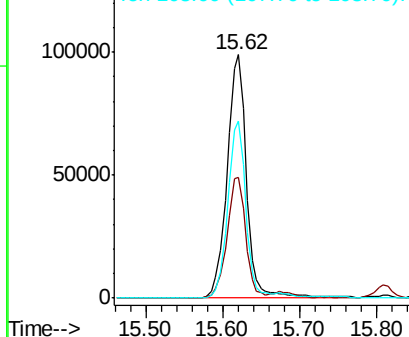


#62
 4-Nitroaniline
 Concen: 40.696 ng
 RT: 15.62 min Scan# 2133
 Delta R.T. 0.00 min
 Lab File: BG044302.D
 Acq: 5 Feb 2020 13:29

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.5	31.3	71.3
108	72.7	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

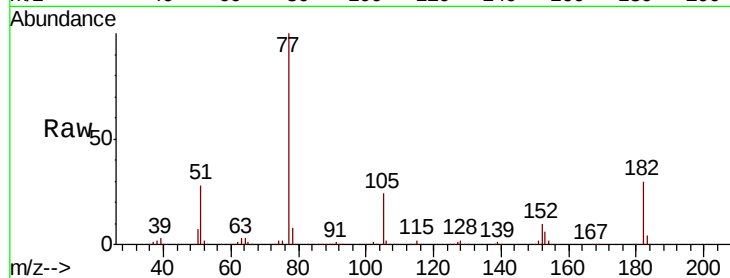




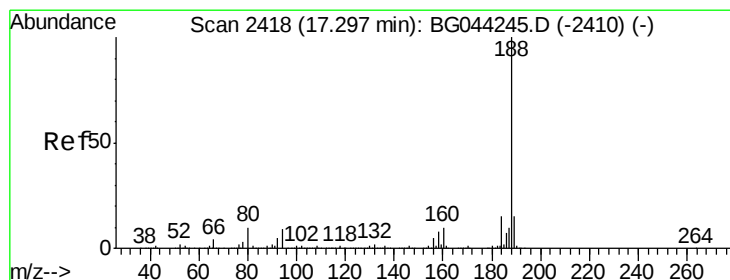
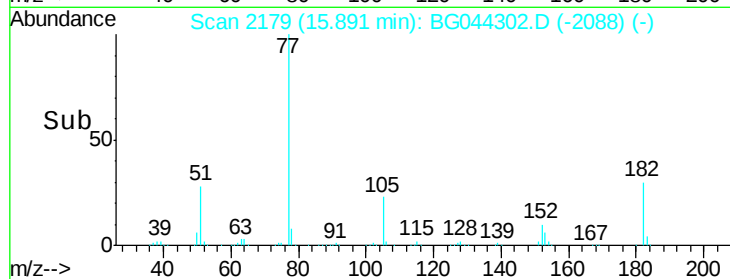
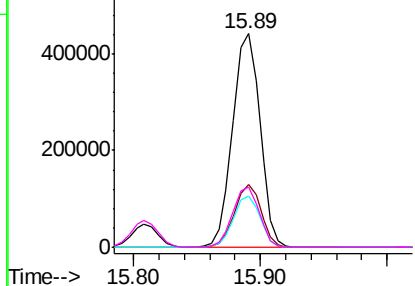
#63
Azobenzene
Concen: 43.299 ng
RT: 15.89 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	659062
Ion	Ratio	Lower	Upper
77	100		
182	29.6	8.2	48.2
105	23.8	3.6	43.6
51	28.4	8.3	48.3

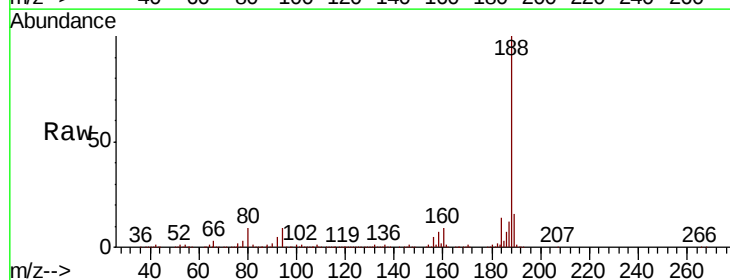


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

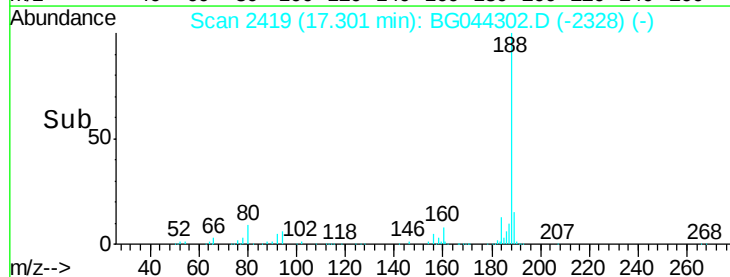
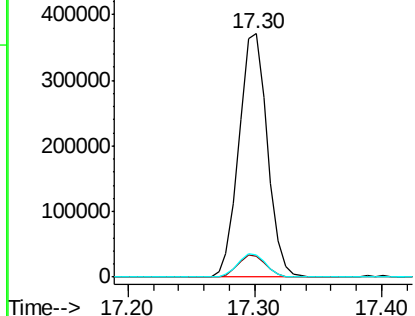


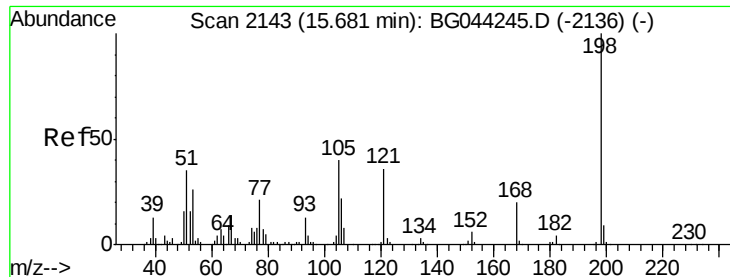
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Tgt Ion:	188	Resp:	575001
Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.4	11.2
80	9.1	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

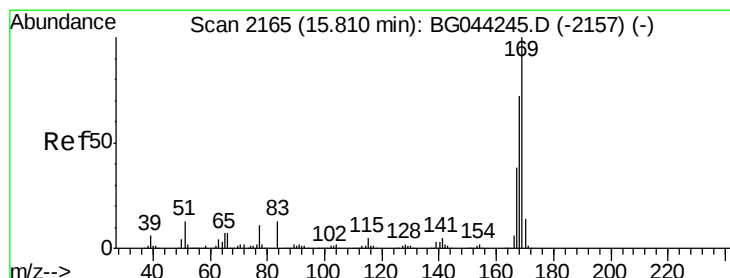
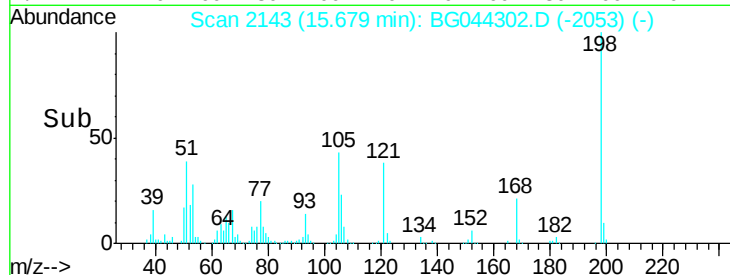
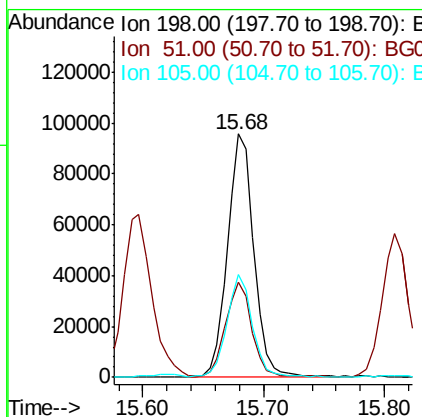
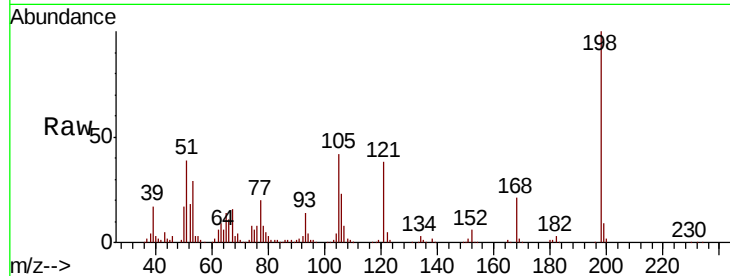




#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.875 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: BG044302.D
 Acq: 5 Feb 2020 13:29

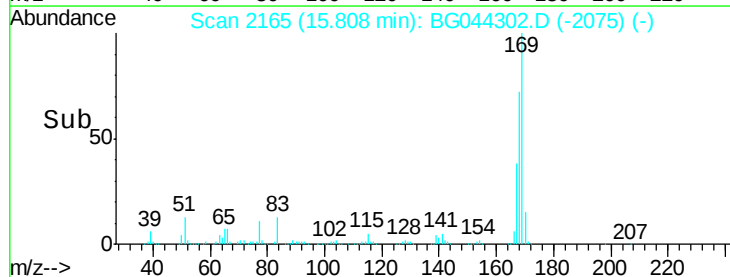
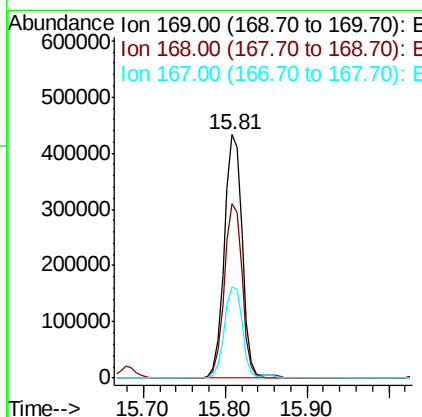
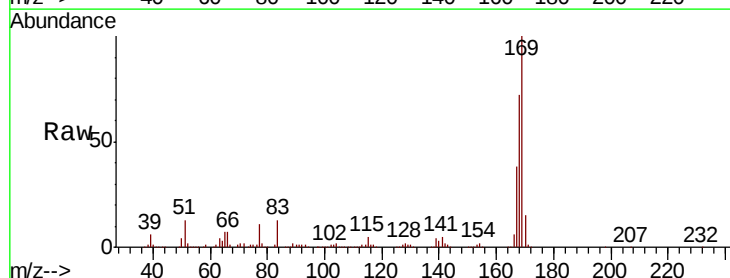
Instrument :
 BNA_G
 ClientSampleId :

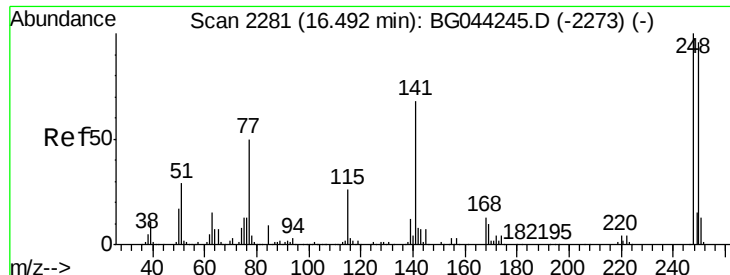
Tot Ion	198	Resp	145606
Ion Ratio	100	Lower	Upper
51	39.0	16.6	56.6
105	42.5	20.6	60.6



#66
 n-Nitrosodiphenylamine
 Concen: 40.671 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: BG044302.D
 Acq: 5 Feb 2020 13:29

Tgt Ion	169	Resp	655368
Ion Ratio	100	Lower	Upper
168	71.7	57.9	86.9
167	37.7	30.7	46.1

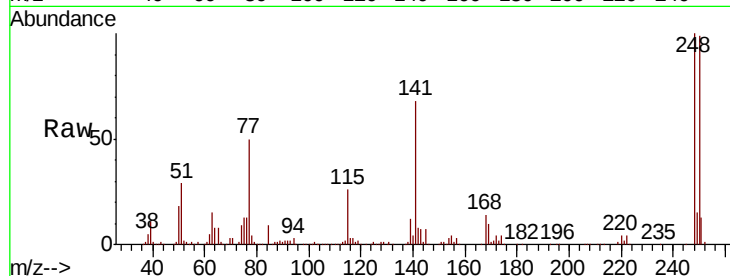




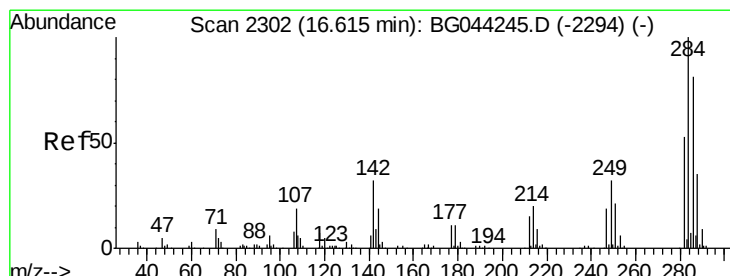
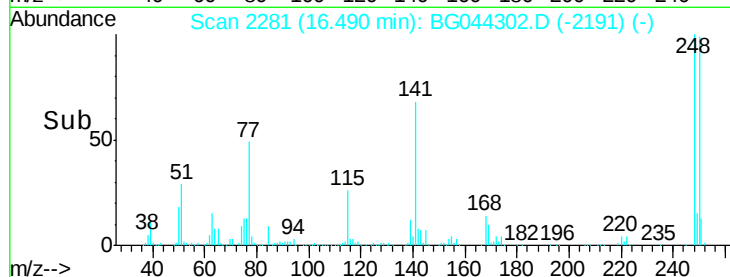
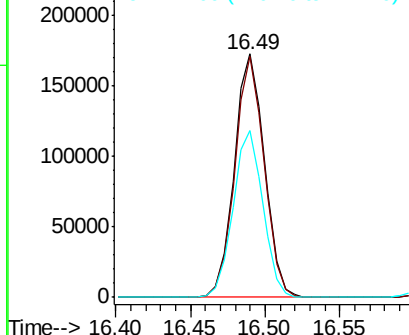
#67
 4-Bromophenyl-phenylether
 Concen: 38.597 ng
 RT: 16.49 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BG044302.D
 Acq: 5 Feb 2020 13:29

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 241795
 Ion Ratio Lower Upper
 248 100
 250 99.1 76.6 114.8
 141 68.3 54.7 82.1

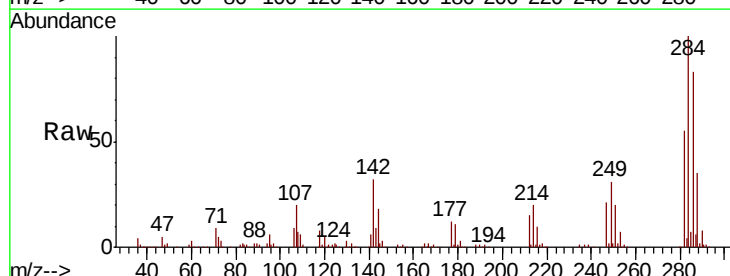


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

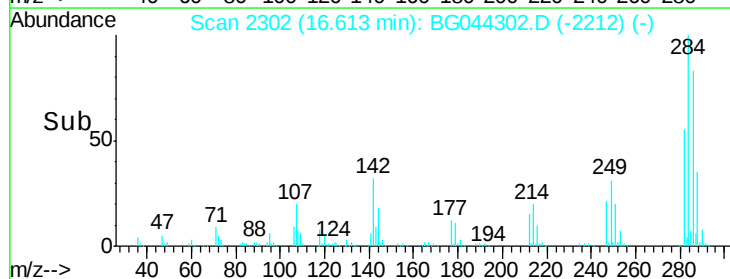
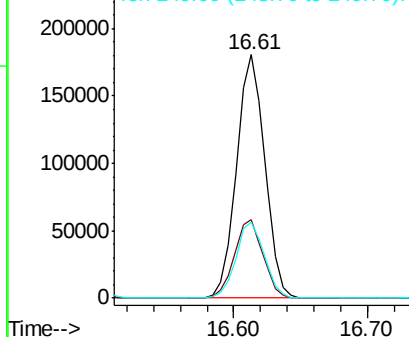


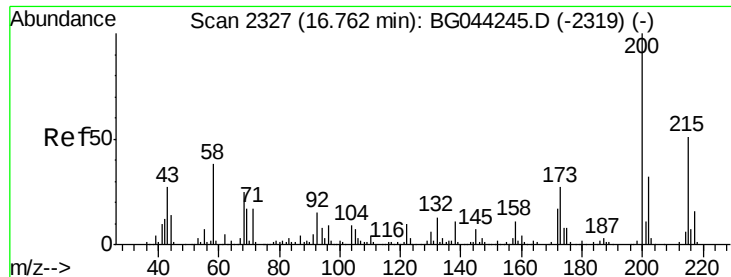
#68
 Hexachlorobenzene
 Concen: 37.613 ng
 RT: 16.61 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: BG044302.D
 Acq: 5 Feb 2020 13:29

Tgt Ion:284 Resp: 263980
 Ion Ratio Lower Upper
 284 100
 142 32.0 25.3 37.9
 249 31.4 25.5 38.3



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





#69

Atrazine

Concen: 45.459 ng

RT: 16.76 min Scan# 2327

Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Instrument :

BNA_G

ClientSampleId :

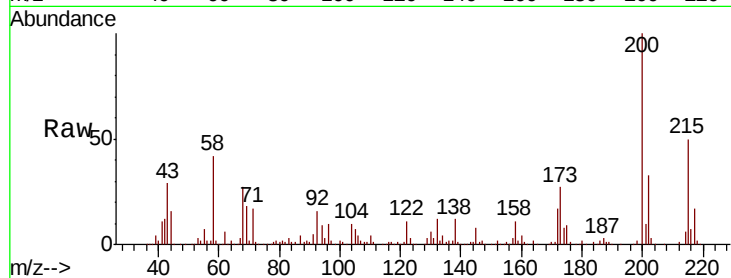
Tot Ion:200 Resp: 251074

Ion Ratio Lower Upper

200 100

173 26.7 6.6 46.6

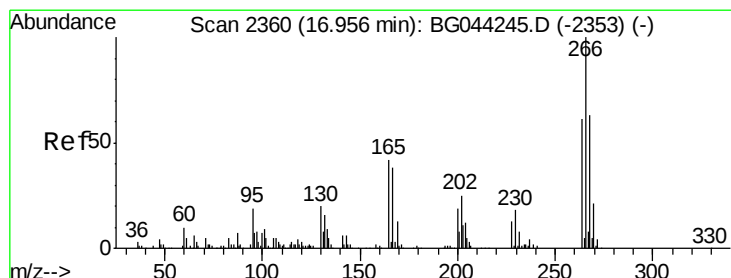
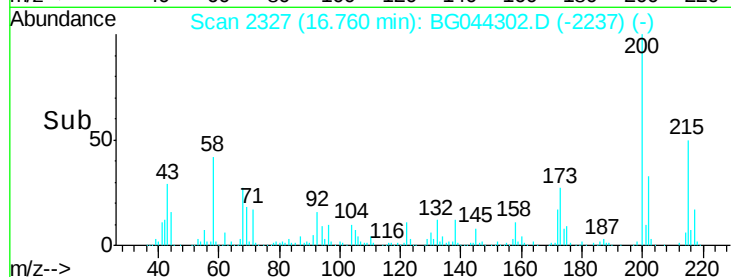
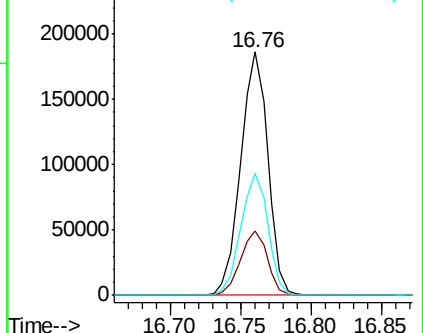
215 50.0 31.0 71.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 84.974 ng

RT: 16.95 min Scan# 2360

Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

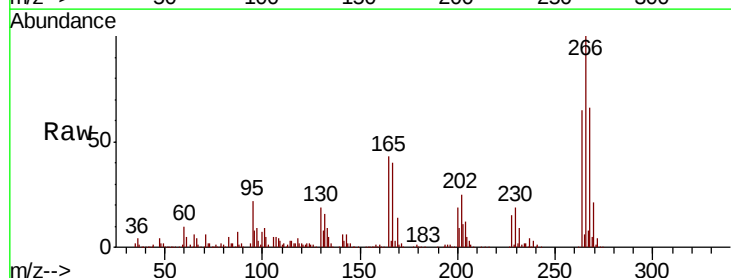
Tgt Ion:266 Resp: 302304

Ion Ratio Lower Upper

266 100

268 65.7 50.6 75.8

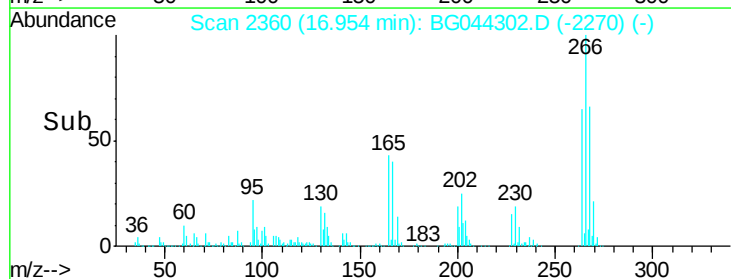
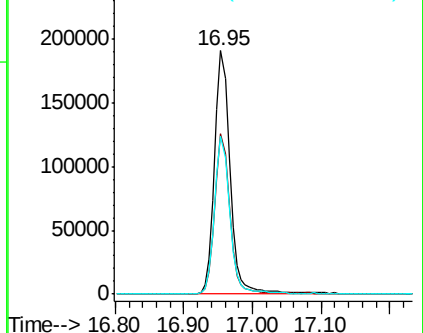
264 64.7 48.7 73.1

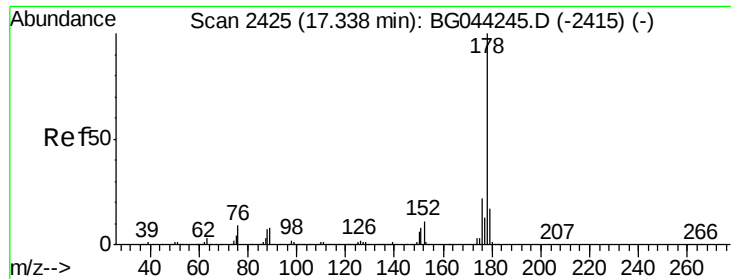


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

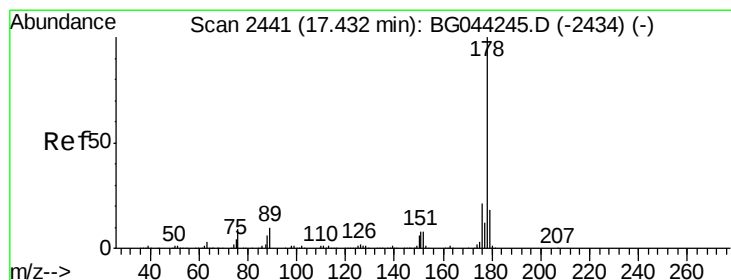
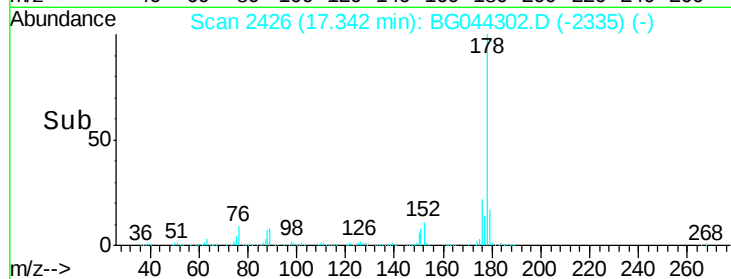
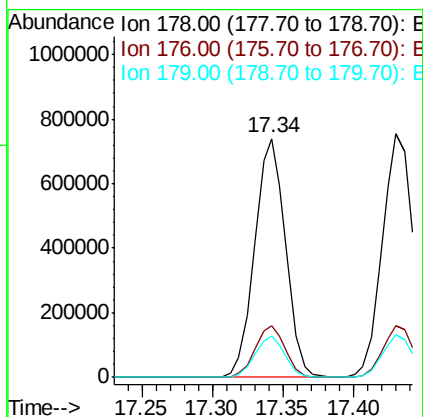
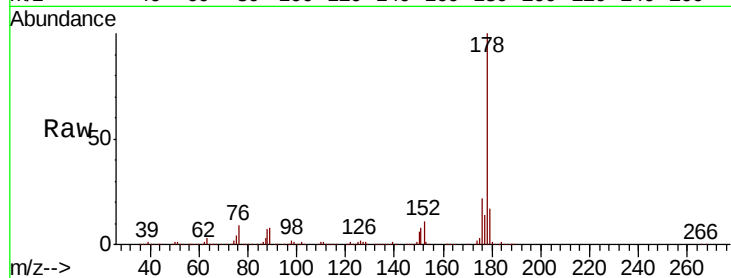




#71
Phenanthrene
Concen: 40.659 ng
RT: 17.34 min Scan# 2426
Delta R.T. 0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

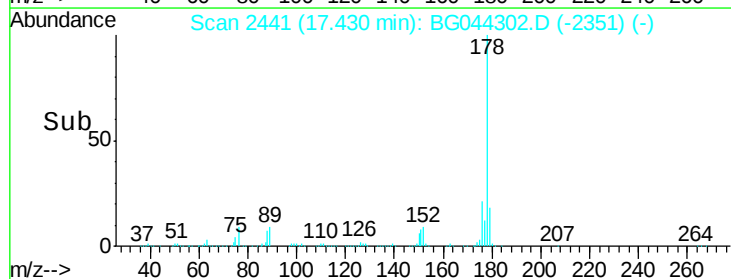
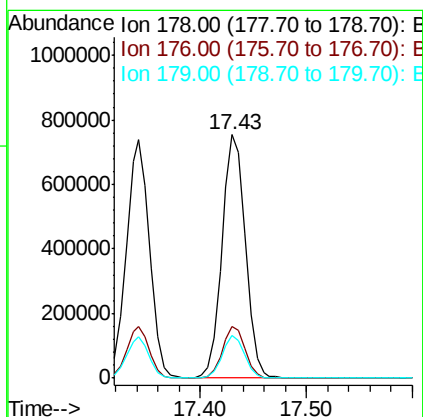
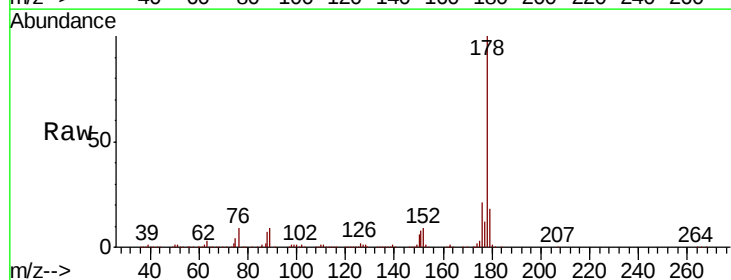
Instrument :
BNA_G
ClientSampleId :

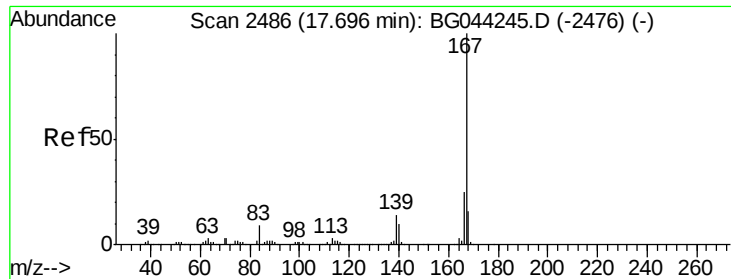
Tot Ion:178 Resp: 1132086
Ion Ratio Lower Upper
178 100
176 21.8 17.7 26.5
179 17.4 13.7 20.5



#72
Anthracene
Concen: 41.924 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Tgt Ion:178 Resp: 1154067
Ion Ratio Lower Upper
178 100
176 21.2 17.0 25.4
179 17.8 14.4 21.6

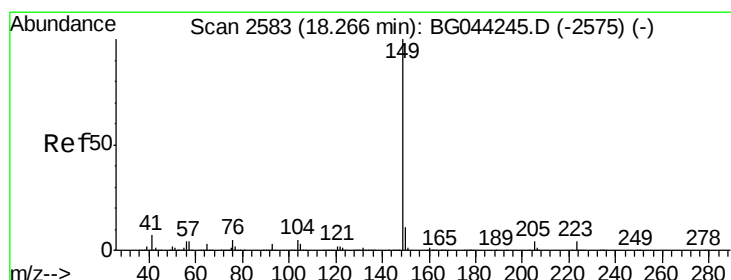
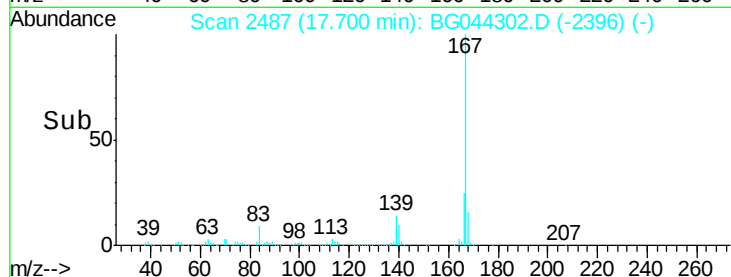
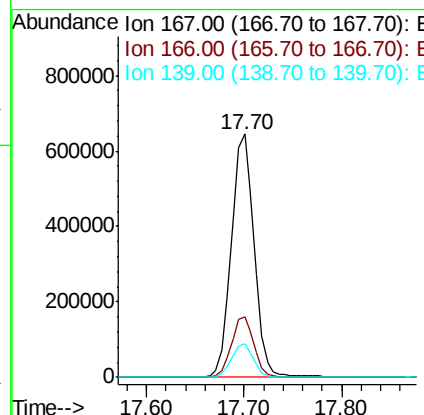
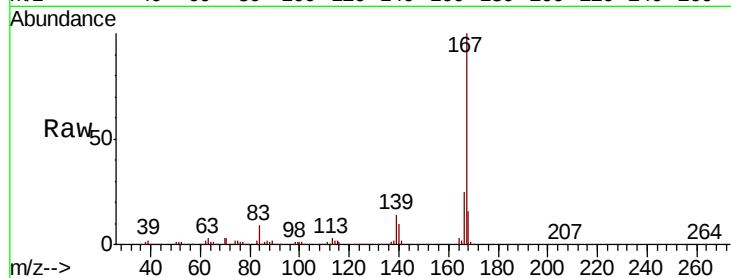




#73
 Carbazole
 Concen: 41.101 ng
 RT: 17.70 min Scan# 2487
 Delta R.T. 0.00 min
 Lab File: BG044302.D
 Acq: 5 Feb 2020 13:29

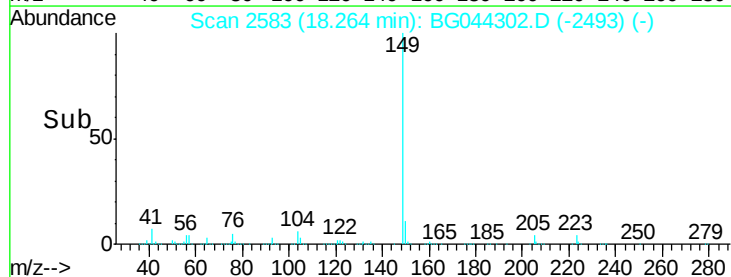
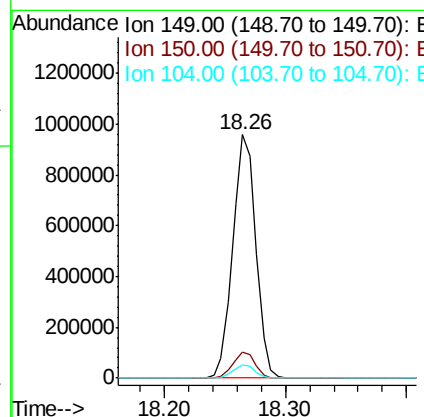
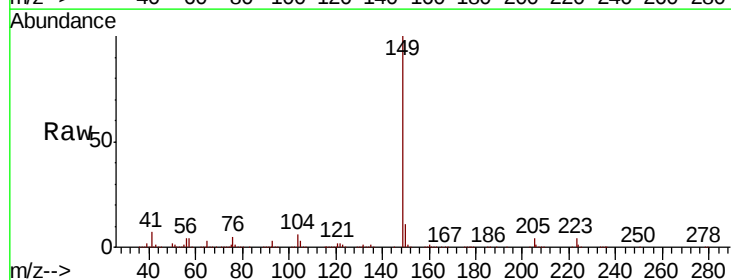
Instrument :
 BNA_G
 ClientSampleId :

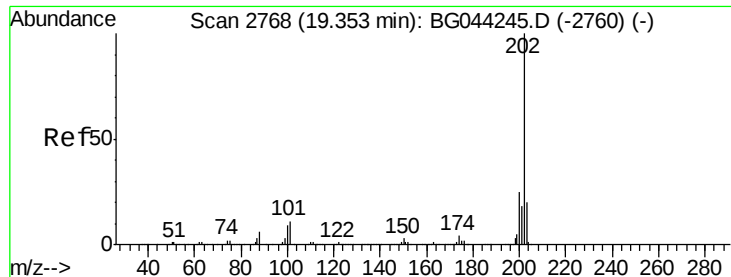
Tot Ion:167 Resp: 1043045
 Ion Ratio Lower Upper
 167 100
 166 25.0 19.8 29.6
 139 13.9 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 40.439 ng
 RT: 18.26 min Scan# 2583
 Delta R.T. -0.00 min
 Lab File: BG044302.D
 Acq: 5 Feb 2020 13:29

Tgt Ion:149 Resp: 1268192
 Ion Ratio Lower Upper
 149 100
 150 10.7 8.7 13.1
 104 5.5 4.3 6.5





#75

Fluoranthene

Concen: 41.004 ng

RT: 19.35 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Instrument :

BNA_G

ClientSampled :

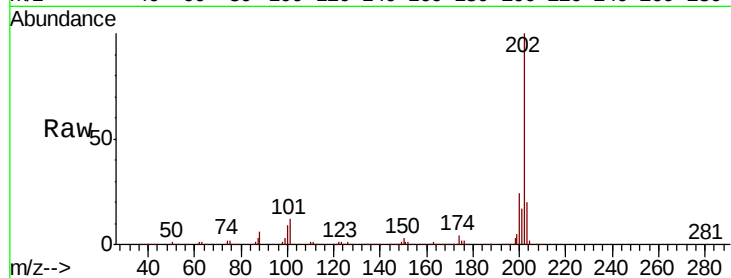
Tot Ion:202 Resp: 1320745

Ion Ratio Lower Upper

202 100

101 11.8 0.0 31.3

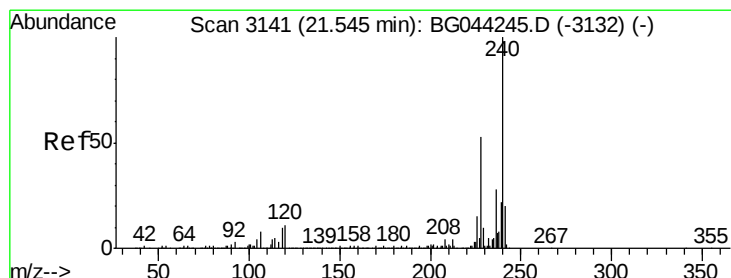
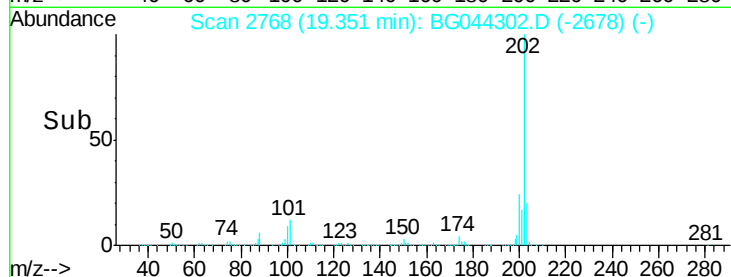
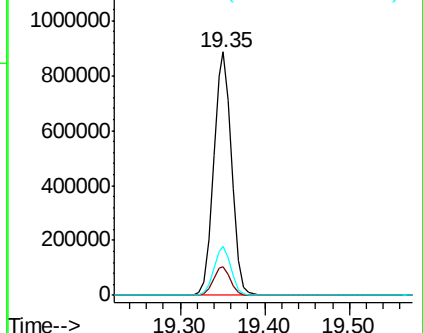
203 20.0 0.0 39.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

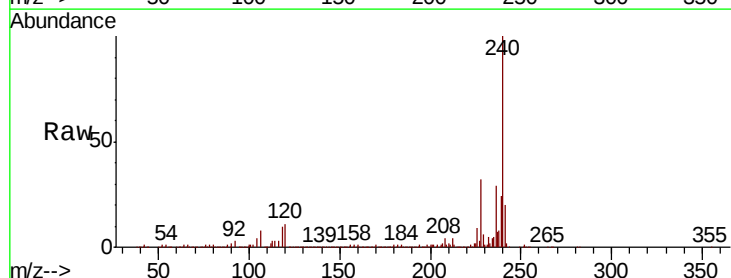
Tgt Ion:240 Resp: 507701

Ion Ratio Lower Upper

240 100

120 10.8 8.4 12.6

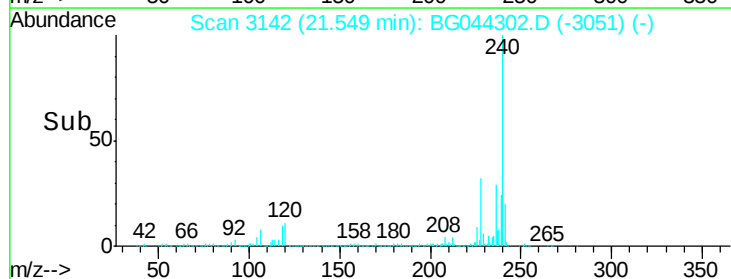
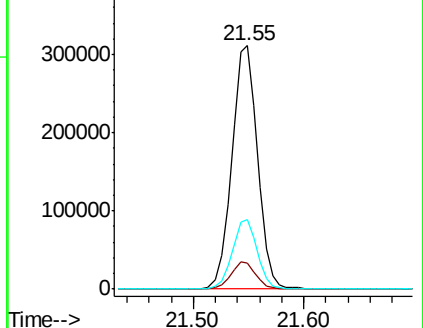
236 28.6 22.1 33.1



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: 28.151 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

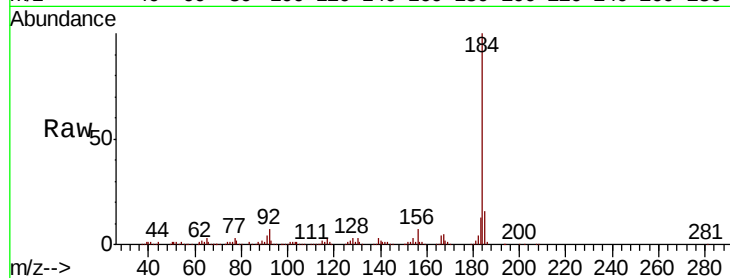
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 396440

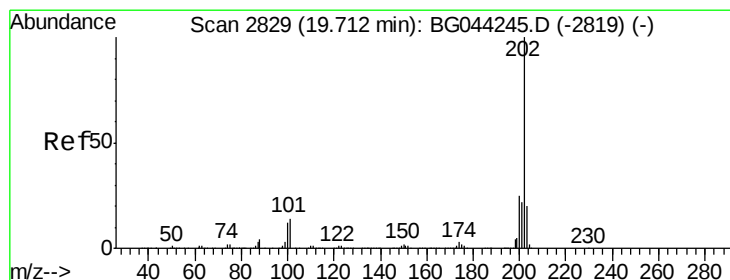
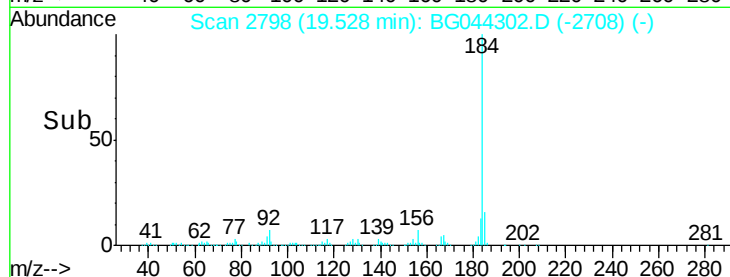
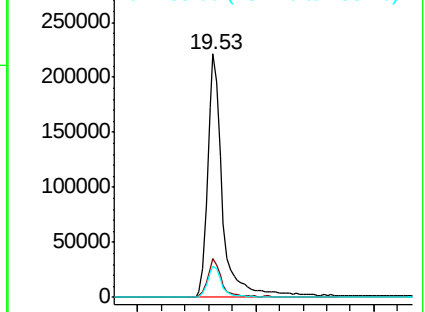
Ion	Ratio	Lower	Upper
184	100		
185	15.9	12.9	19.3
183	12.6	10.8	16.2



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: 40.639 ng

RT: 19.71 min Scan# 2829

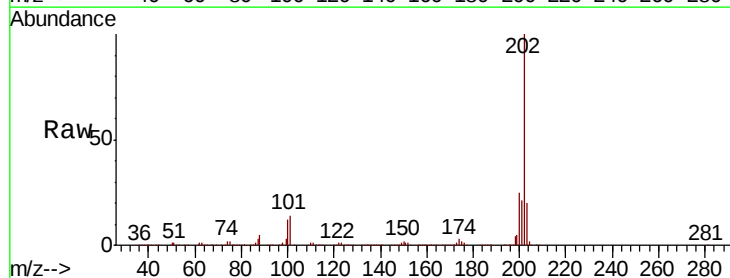
Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Tgt Ion:202 Resp: 1325025

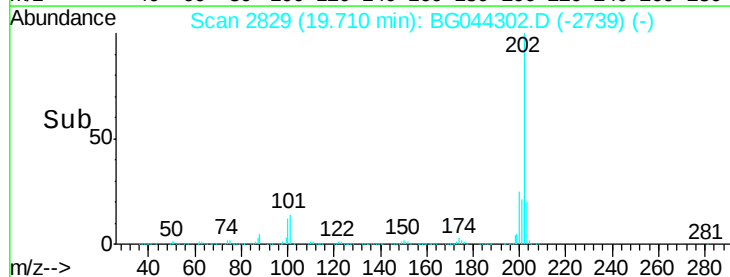
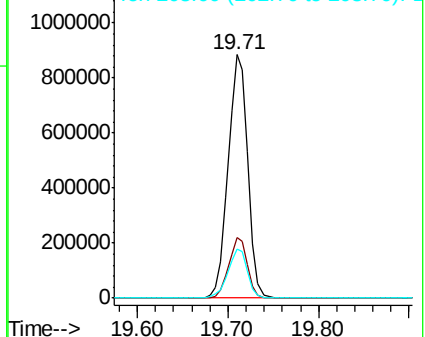
Ion	Ratio	Lower	Upper
202	100		
200	24.6	20.0	30.0
203	20.4	16.2	24.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 66.689 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Instrument :

BNA_G

ClientSampleId :

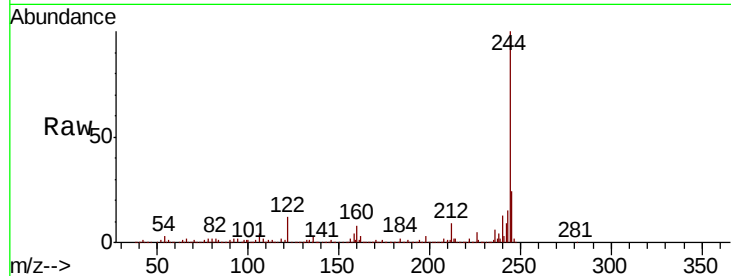
Tot Ion:244 Resp: 1646088

Ion Ratio Lower Upper

244 100

212 8.8 7.4 11.2

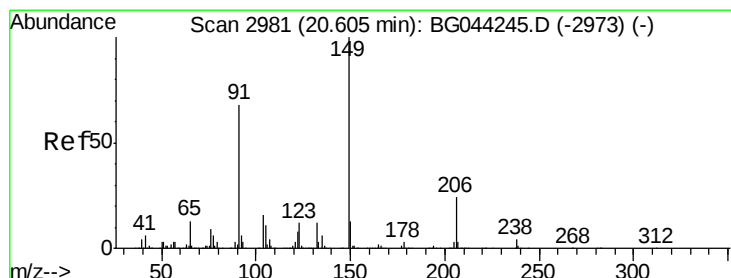
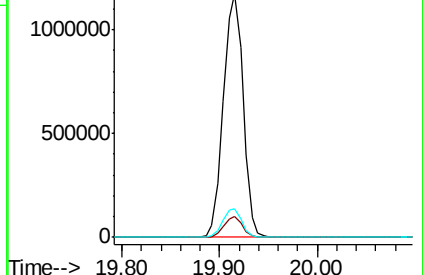
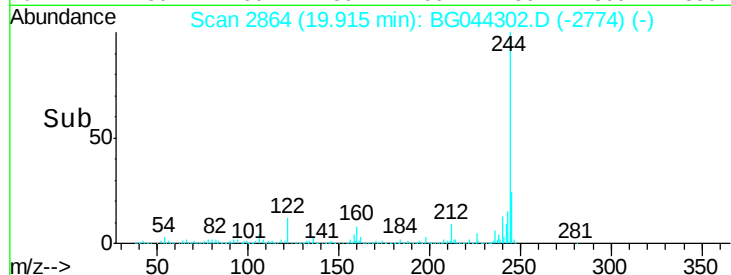
122 11.9 9.8 14.6



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: 40.220 ng

RT: 20.60 min Scan# 2981

Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

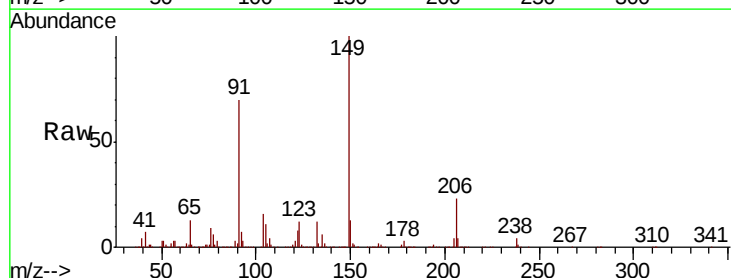
Tgt Ion:149 Resp: 597595

Ion Ratio Lower Upper

149 100

91 70.5 54.5 81.7

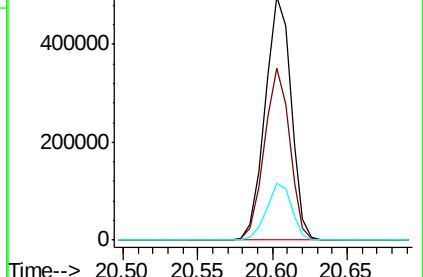
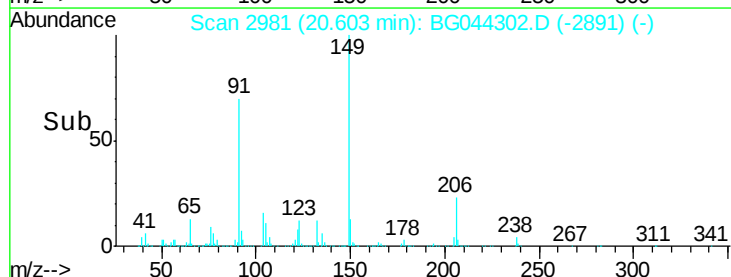
206 23.1 19.1 28.7

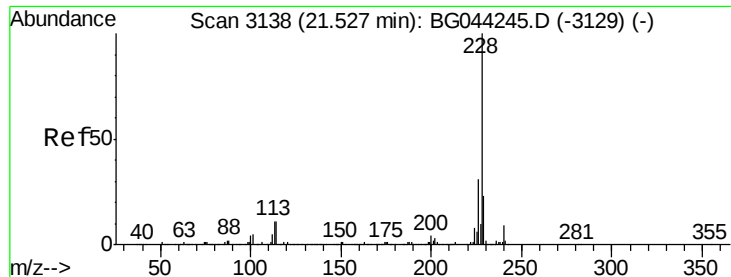


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

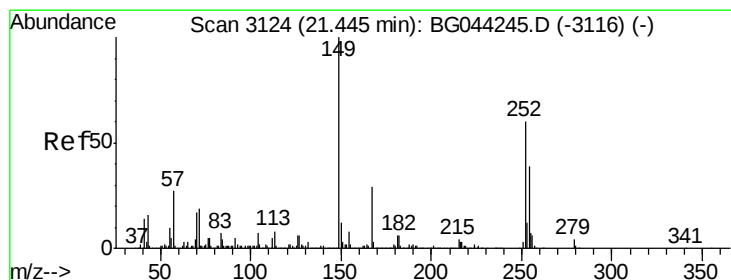
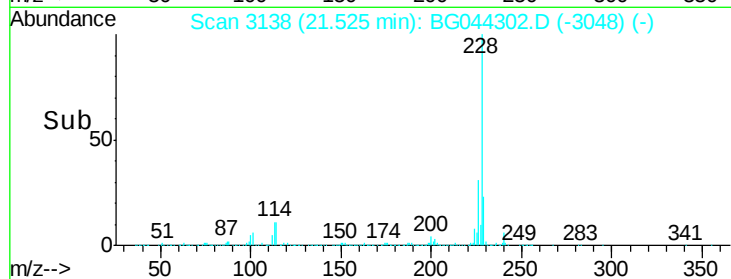
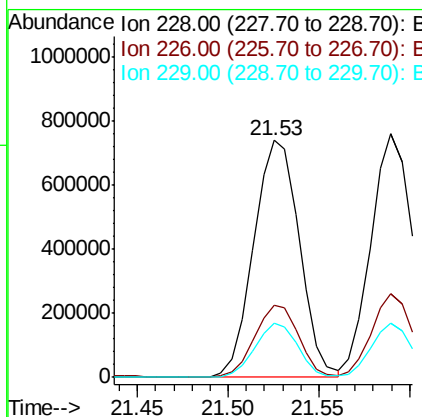
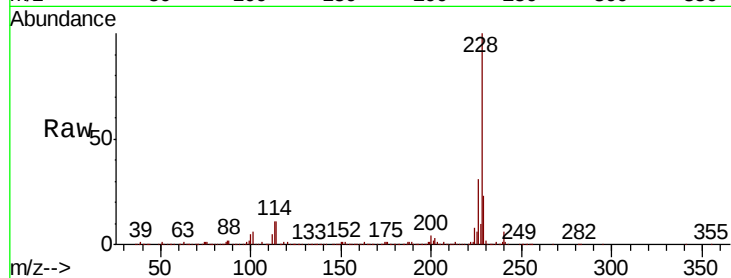




#81
Benzo(a)anthracene
Concen: 41.384 ng
RT: 21.53 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

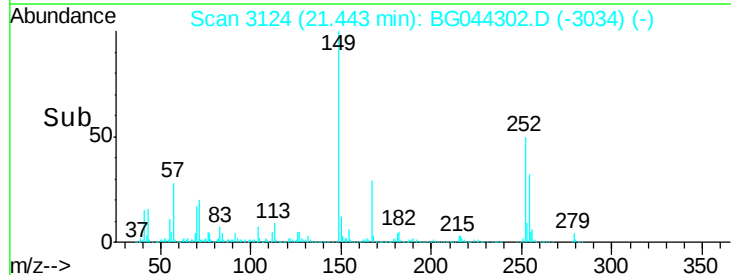
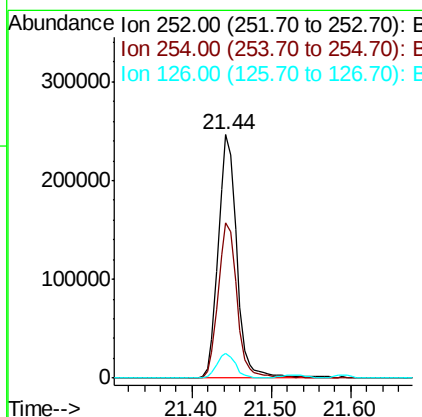
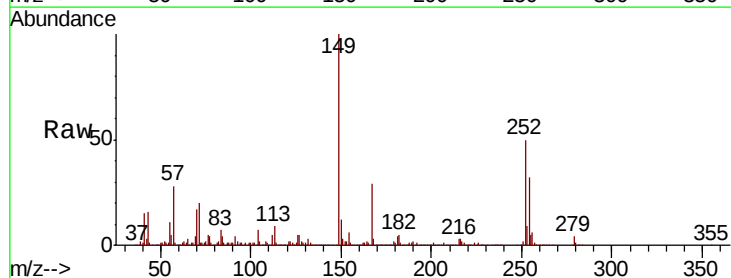
Instrument :
BNA_G
ClientSampleId :

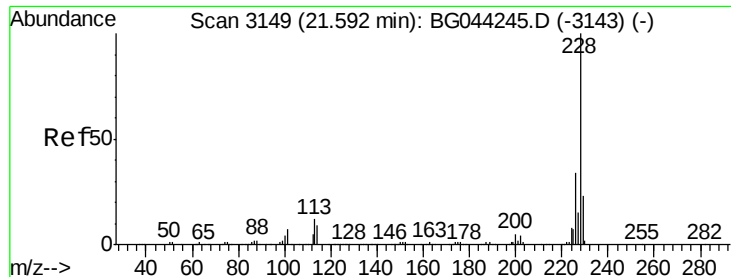
Tot Ion:228 Resp: 1294899
Ion Ratio Lower Upper
228 100
226 30.6 24.7 37.1
229 22.7 18.2 27.4



#82
3,3'-Dichlorobenzidine
Concen: 33.016 ng
RT: 21.44 min Scan# 3124
Delta R.T. -0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Tgt Ion:252 Resp: 400941
Ion Ratio Lower Upper
252 100
254 64.0 52.6 78.8
126 10.1 8.2 12.4

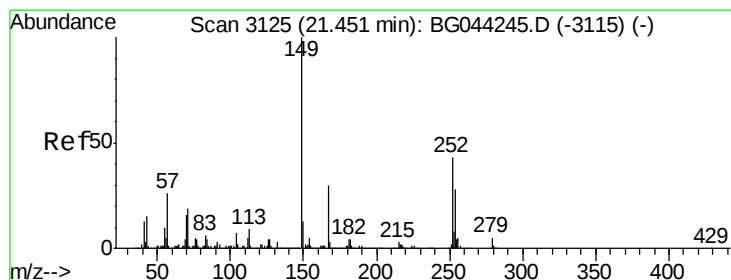
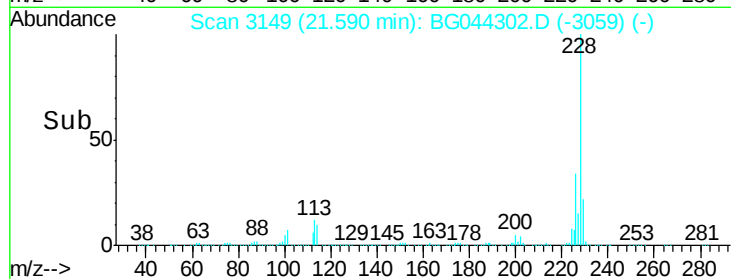
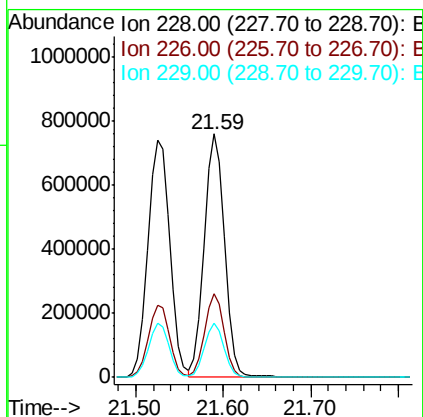
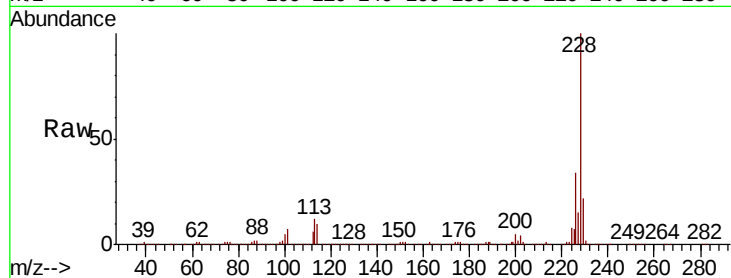




#83
 Chrvsene
 Concen: 40.760 ng
 RT: 21.59 min Scan# 3149
 Delta R.T. -0.00 min
 Lab File: BG044302.D
 Acq: 5 Feb 2020 13:29

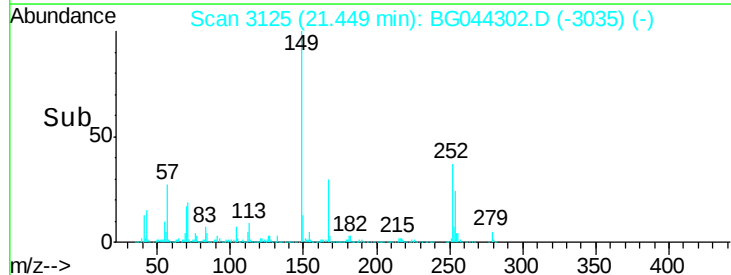
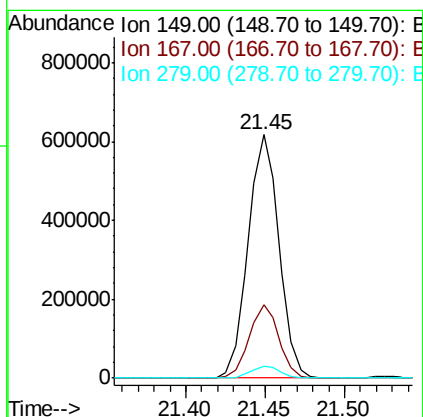
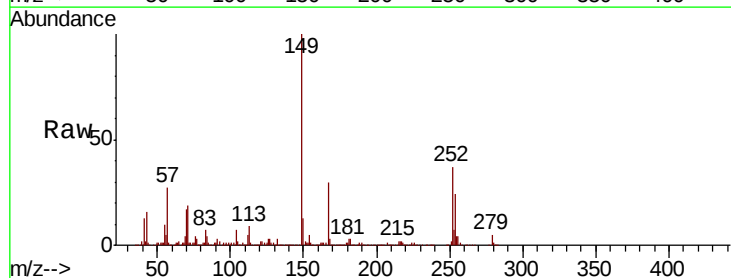
Instrument :
 BNA_G
 ClientSampleId :

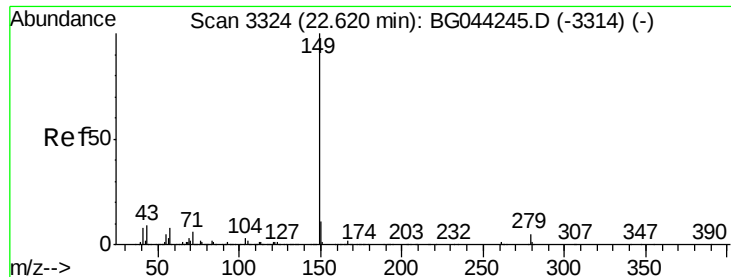
Tot Ion:228 Resp: 1232782
 Ion Ratio Lower Upper
 228 100
 226 34.3 27.1 40.7
 229 22.3 17.9 26.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.719 ng
 RT: 21.45 min Scan# 3125
 Delta R.T. -0.00 min
 Lab File: BG044302.D
 Acq: 5 Feb 2020 13:29

Tgt Ion:149 Resp: 832755
 Ion Ratio Lower Upper
 149 100
 167 30.2 24.0 36.0
 279 4.7 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 41.586 ng

RT: 22.62 min Scan# 3324

Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Instrument :

BNA_G

ClientSampleId :

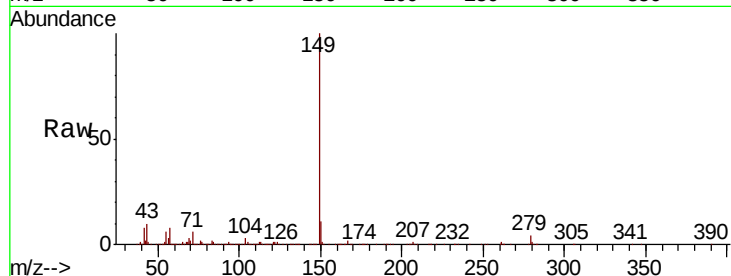
Tot Ion:149 Resp: 1471519

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

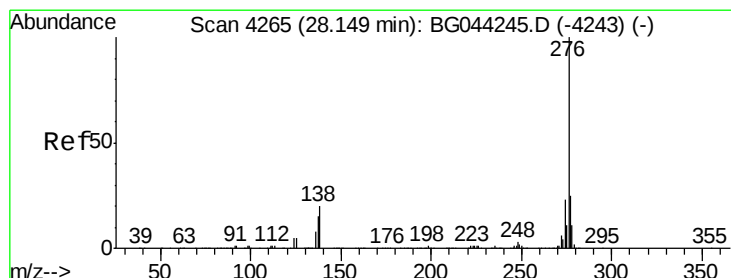
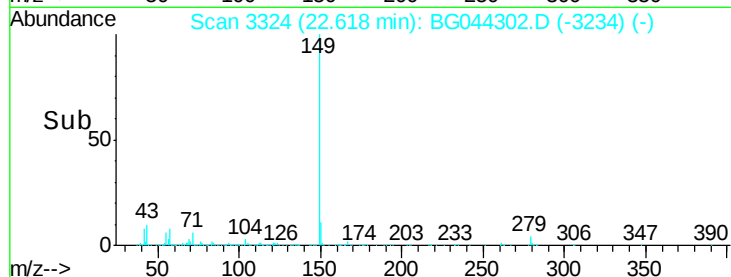
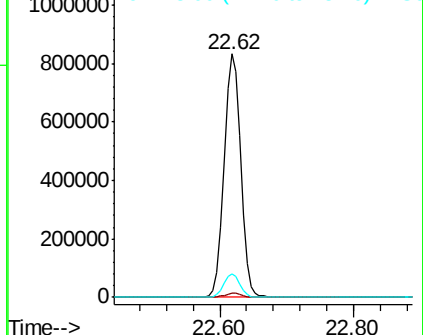
43 9.3 7.4 11.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.131 ng

RT: 28.15 min Scan# 4266

Delta R.T. 0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

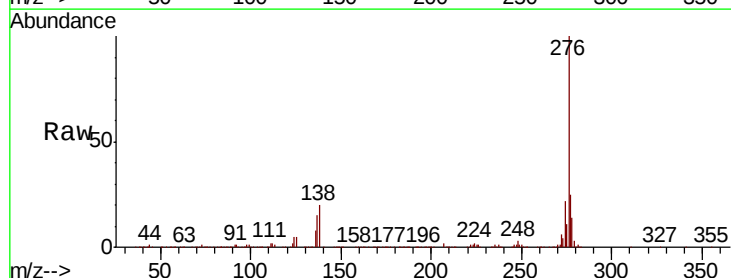
Tgt Ion:276 Resp: 1583534

Ion Ratio Lower Upper

276 100

138 24.1 19.4 29.0

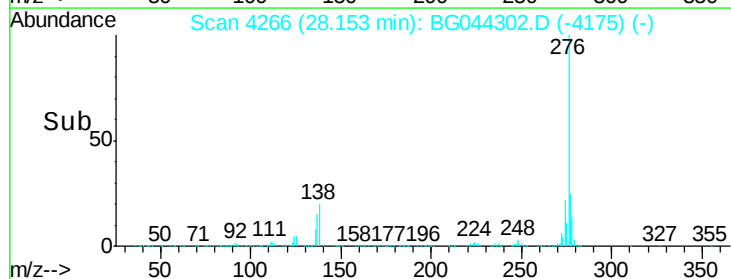
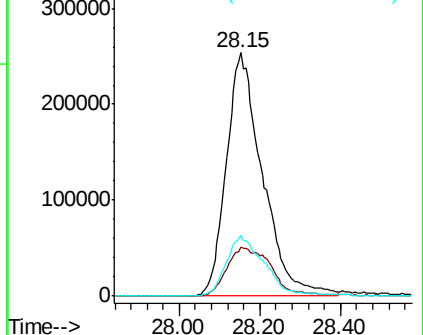
277 25.7 21.0 31.6

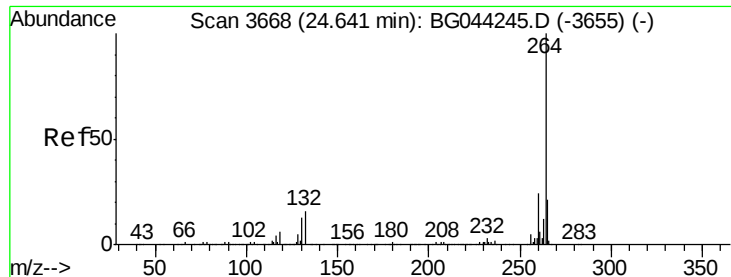


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.64 min Scan# 3668

Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Instrument :

BNA_G

ClientSampled :

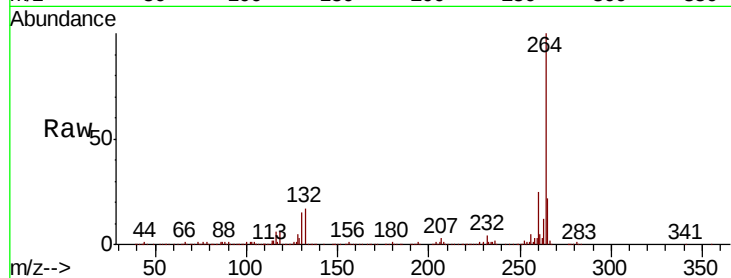
Tot Ion:264 Resp: 516501

Ion Ratio Lower Upper

264 100

260 25.1 19.4 29.2

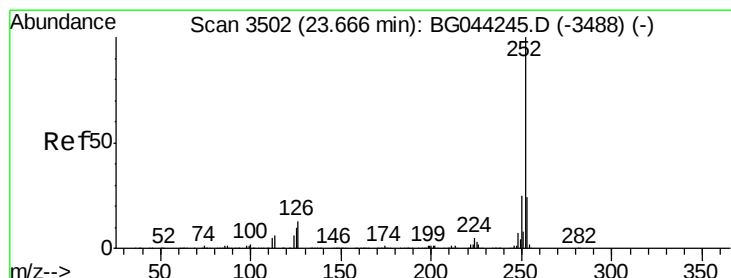
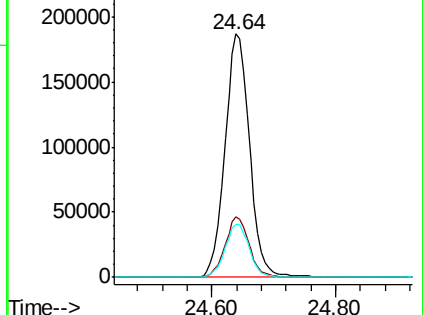
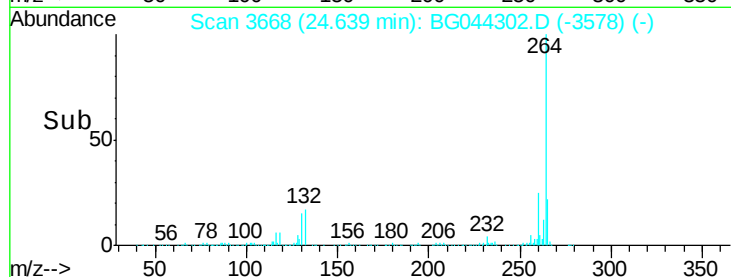
265 21.6 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.709 ng

RT: 23.66 min Scan# 3502

Delta R.T. -0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

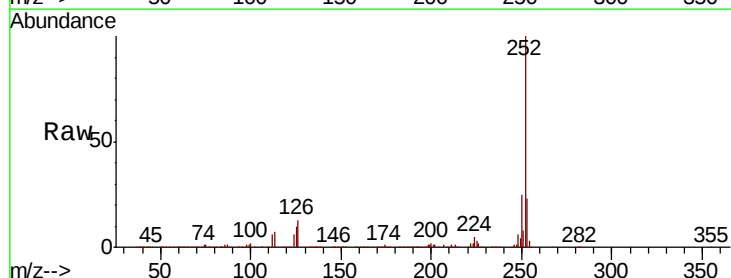
Tgt Ion:252 Resp: 1390184

Ion Ratio Lower Upper

252 100

253 23.5 19.2 28.8

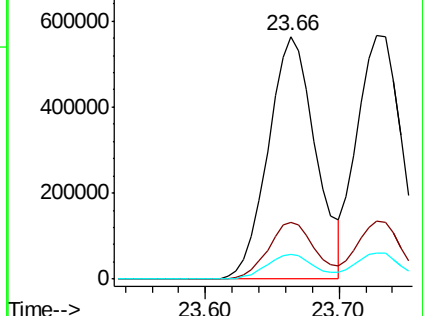
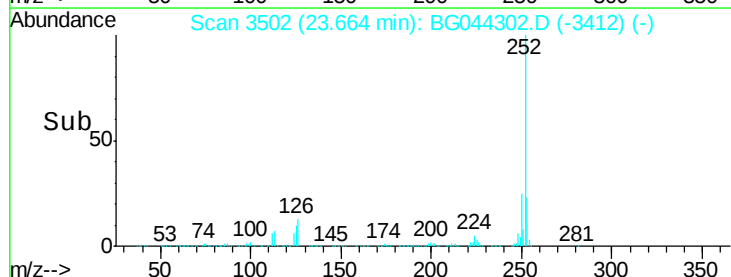
125 10.4 8.4 12.6

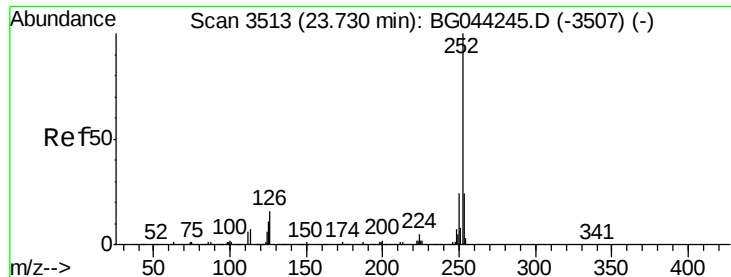


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

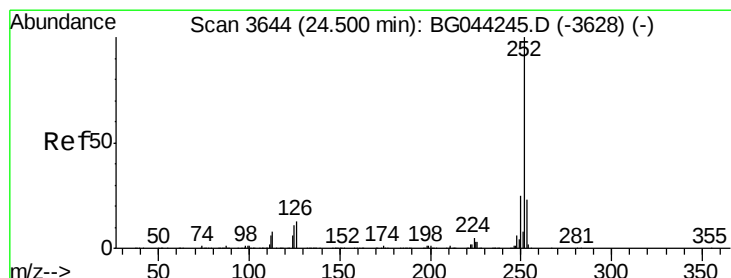
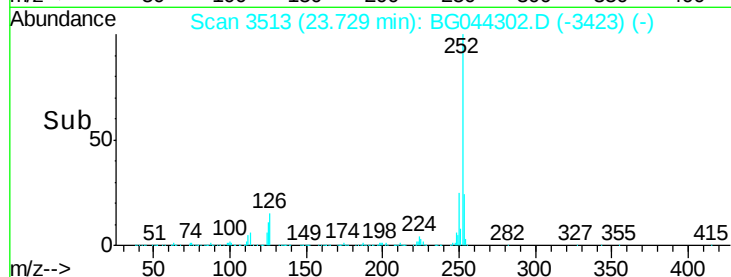
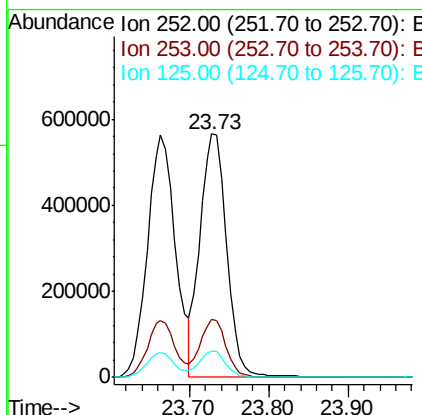
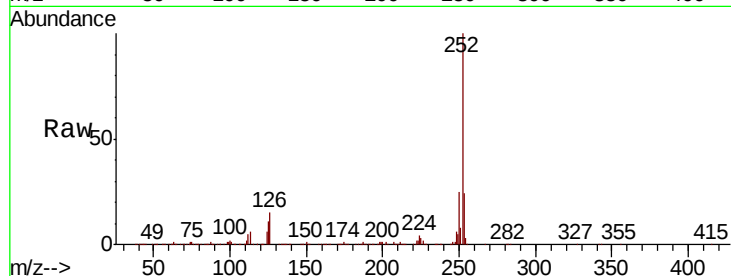




#89
Benzo(k)fluoranthene
Concen: 45.633 ng
RT: 23.73 min Scan# 3513
Delta R.T. -0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

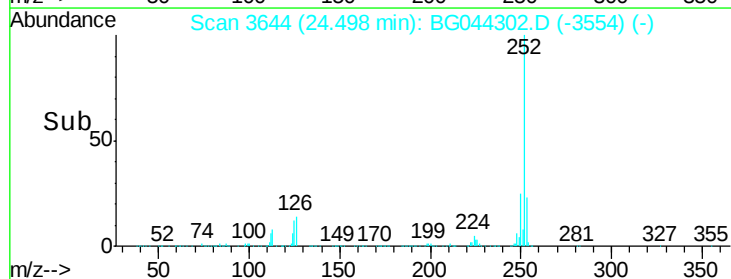
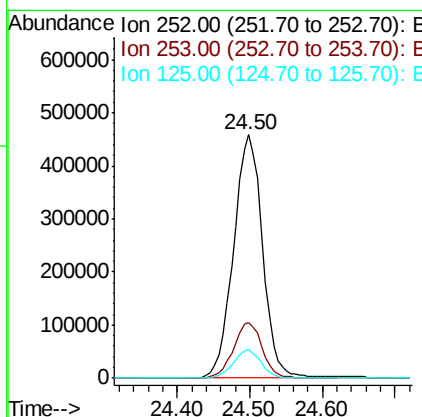
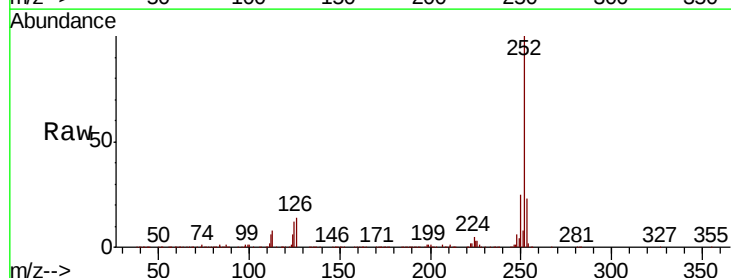
Instrument :
BNA_G
ClientSampleId :

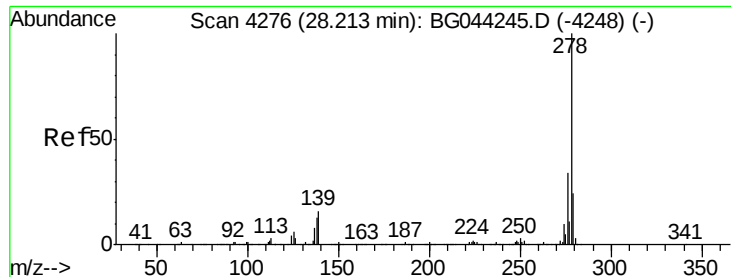
Tot Ion:252 Resp: 1323713
Ion Ratio Lower Upper
252 100
253 23.8 19.1 28.7
125 10.8 8.6 12.8



#90
Benzo(a)pyrene
Concen: 45.171 ng
RT: 24.50 min Scan# 3644
Delta R.T. -0.00 min
Lab File: BG044302.D
Acq: 5 Feb 2020 13:29

Tgt Ion:252 Resp: 1271107
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 11.7 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 47.013 ng

RT: 28.22 min Scan# 4277

Delta R.T. 0.00 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

Instrument :

BNA_G

ClientSampleId :

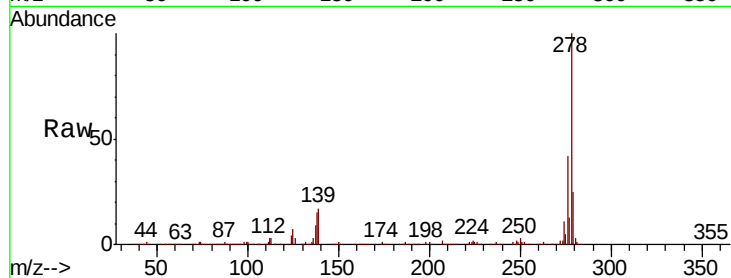
Tot Ion:278 Resp: 1309280

Ion	Ratio	Lower	Upper
278	100		
139	16.5	12.7	19.1
279	25.2	19.3	28.9

278 100

139 16.5 12.7 19.1

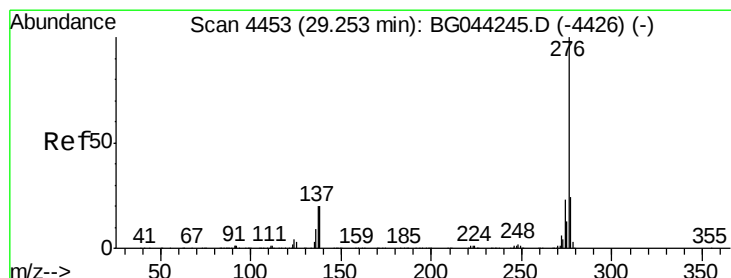
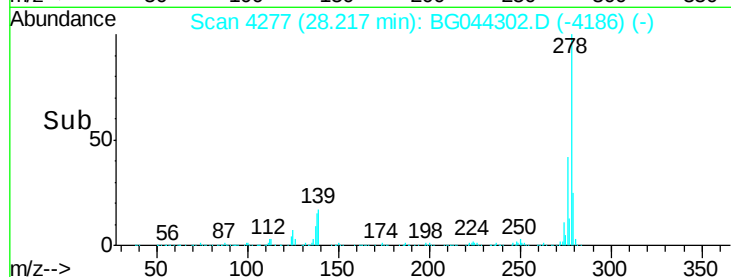
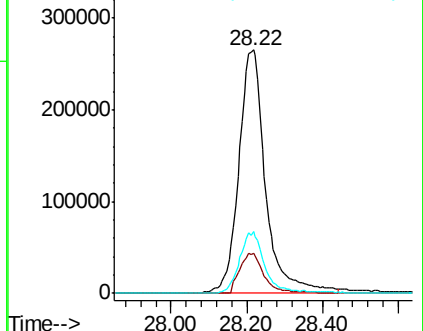
279 25.2 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 48.172 ng

RT: 29.25 min Scan# 4452

Delta R.T. -0.01 min

Lab File: BG044302.D

Acq: 5 Feb 2020 13:29

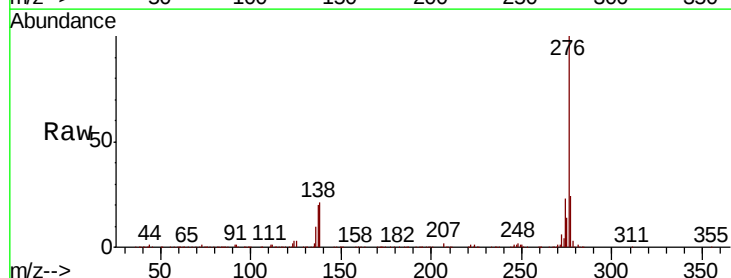
Tgt Ion:276 Resp: 1343006

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.8	28.2
138	20.6	16.2	24.2

276 100

277 24.2 18.8 28.2

138 20.6 16.2 24.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

