

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021320\
 Data File : BG044421.D
 Acq On : 13 Feb 2020 17:21
 Operator : CG/JU
 Sample : PB126789BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 14 02:54:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	74880	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	333719	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	226642	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	496626	20.00	ng	0.00
76) Chrysene-d12	21.54	240	447207	20.00	ng	0.00
87) Perylene-d12	24.62	264	384301	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	526858	124.17	ng	0.00
7) Phenol-d6	7.08	99	707864	124.24	ng	0.00
23) Nitrobenzene-d5	9.06	82	367656	62.20	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	289866	108.95	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	879814	65.01	ng	0.00
79) Terphenyl-d14	19.90	244	1371304	63.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	66720	35.000	ng	98
3) Pyridine	3.76	79	156914	30.896	ng	98
4) n-Nitrosodimethylamine	3.68	42	75913	35.769	ng	94
6) Aniline	7.22	93	186820	26.416	ng	100
8) 2-Chlorophenol	7.47	128	209001	44.821	ng	99
9) Benzaldehyde	7.04	77	40163	12.377	ng	93
10) Phenol	7.11	94	255110	45.243	ng	98
11) bis(2-Chloroethyl)ether	7.32	93	191176	39.658	ng	97
12) 1,3-Dichlorobenzene	7.79	146	206038	37.007	ng	96
13) 1,4-Dichlorobenzene	7.94	146	207353	37.603	ng	99
14) 1,2-Dichlorobenzene	8.26	146	200491	38.467	ng	99
15) Benzyl Alcohol	8.14	79	172843	42.850	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.43	45	252081	38.635	ng	99
17) 2-Methylphenol	8.35	107	179493	44.616	ng	98
18) Hexachloroethane	8.99	117	75413	36.445	ng	98
19) n-Nitroso-di-n-propylamine	8.71	70	151414	39.876	ng	96
20) 3+4-Methylphenols	8.68	107	244988	44.186	ng	100
22) Acetophenone	8.72	105	283945	34.976	ng	99
24) Nitrobenzene	9.10	77	208803	36.183	ng	100
25) Isophorone	9.63	82	418318	37.968	ng	99
26) 2-Nitrophenol	9.82	139	119069	39.765	ng	100
27) 2,4-Dimethylphenol	9.88	122	201450	47.660	ng	99
28) bis(2-Chloroethoxy)methane	10.11	93	265632	36.142	ng	100
29) 2,4-Dichlorophenol	10.36	162	211257	41.334	ng	99
30) 1,2,4-Trichlorobenzene	10.57	180	209996	35.833	ng	98
31) Naphthalene	10.76	128	616035	38.048	ng	100
32) Benzoic acid	10.03	122	62353	29.955	ng	92
33) 4-Chloroaniline	10.86	127	175032	23.769	ng	98
34) Hexachlorobutadiene	11.05	225	121690	33.746	ng	99
35) Caprolactam	11.63	113	82355	43.987	ng	96
36) 4-Chloro-3-methylphenol	12.00	107	223708	41.747	ng	97
37) 2-Methylnaphthalene	12.37	142	467400	38.881	ng	98
38) 1-Methylnaphthalene	12.58	142	440271	38.846	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	228785	33.746	ng	99

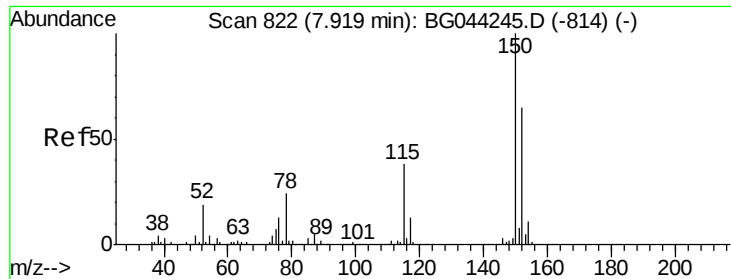
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021320\
 Data File : BG044421.D
 Acq On : 13 Feb 2020 17:21
 Operator : CG/JU
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.72	237	173970	53.479	ng	100
43) 2,4,6-Trichlorophenol	12.98	196	167837	38.300	ng	98
44) 2,4,5-Trichlorophenol	13.05	196	182946	40.873	ng	99
46) 1,1'-Biphenyl	13.38	154	590463	36.119	ng	99
47) 2-Chloronaphthalene	13.42	162	465130	35.755	ng	100
48) 2-Nitroaniline	13.62	65	140024	36.472	ng	96
49) Acenaphthylene	14.26	152	741402	38.857	ng	99
50) Dimethylphthalate	14.00	163	611873	37.557	ng	100
51) 2,6-Dinitrotoluene	14.12	165	138184	38.041	ng	96
52) Acenaphthene	14.61	154	453924	36.703	ng	99
53) 3-Nitroaniline	14.45	138	108831	27.080	ng	98
54) 2,4-Dinitrophenol	14.65	184	138704	65.924	ng	98
55) Dibenzofuran	14.94	168	718903	38.393	ng	98
56) 4-Nitrophenol	14.77	139	245734	83.475	ng	98
57) 2,4-Dinitrotoluene	14.90	165	193883	38.082	ng	97
58) Fluorene	15.59	166	565869	38.369	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.17	232	162303	40.145	ng	99
60) Diethylphthalate	15.37	149	619919	38.188	ng	99
61) 4-Chlorophenyl-phenylether	15.59	204	299331	37.432	ng	98
62) 4-Nitroaniline	15.61	138	140923	35.093	ng	100
63) Azobenzene	15.88	77	544485	38.270	ng	98
65) 4,6-Dinitro-2-methylphenol	15.67	198	111761	40.768	ng	99
66) n-Nitrosodiphenylamine	15.80	169	537410	38.614	ng	99
67) 4-Bromophenyl-phenylether	16.48	248	196360	36.291	ng	96
68) Hexachlorobenzene	16.60	284	212690	35.087	ng	98
69) Atrazine	16.75	200	191401	40.123	ng	98
70) Pentachlorophenol	16.95	266	223151	73.081	ng	98
71) Phenanthrene	17.33	178	922157	38.346	ng	99
72) Anthracene	17.42	178	931145	39.164	ng	99
73) Carbazole	17.69	167	846316	38.612	ng	100
74) Di-n-butylphthalate	18.25	149	1049054	38.731	ng	99
75) Fluoranthene	19.34	202	1077508	38.732	ng	100
77) Benzidine	19.52	184	169354	13.653	ng	98
78) Pyrene	19.70	202	1086343	37.826	ng	99
80) Butylbenzylphthalate	20.59	149	487997	37.286	ng	99
81) Benzo(a)anthracene	21.51	228	1046901	37.984	ng	98
82) 3,3'-Dichlorobenzidine	21.43	252	312947	29.256	ng	100
83) Chrysene	21.58	228	999126	37.503	ng	99
84) Bis(2-ethylhexyl)phthalate	21.44	149	687803	38.181	ng	99
85) Di-n-octyl phthalate	22.60	149	1208990	38.788	ng	99
86) Indeno(1,2,3-cd)pyrene	28.12	276	1258707	36.214	ng	99
88) Benzo(b)fluoranthene	23.65	252	1077061	48.637	ng	100
89) Benzo(k)fluoranthene	23.71	252	1083844	50.217	ng	99
90) Benzo(a)pyrene	24.47	252	1001033	47.810	ng	99
91) Dibenzo(a,h)anthracene	28.18	278	1047861	50.569	ng	99
92) Benzo(g,h,i)perylene	29.21	276	1063521	51.270	ng	99

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

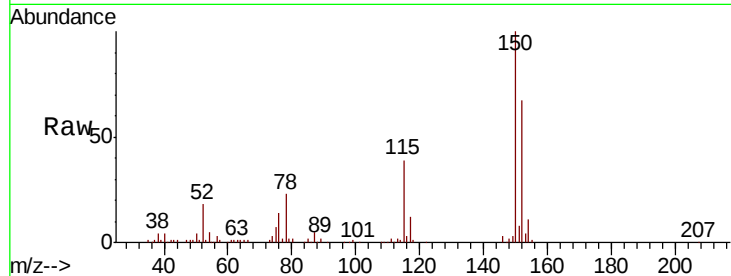


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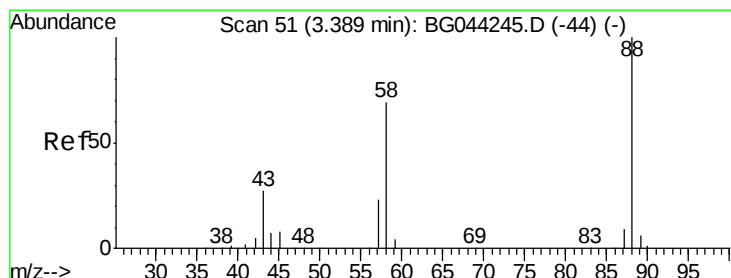
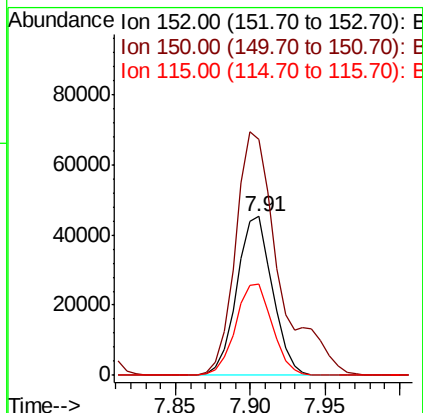
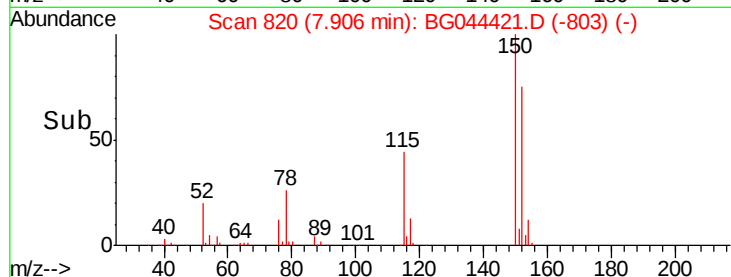
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 820
Delta R.T. 0.00 min
Lab File: BG044421.D
Acq: 13 Feb 2020 17:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 74880
Ion Ratio Lower Upper
152 100
150 148.9 122.6 183.8
115 57.9 46.0 69.0



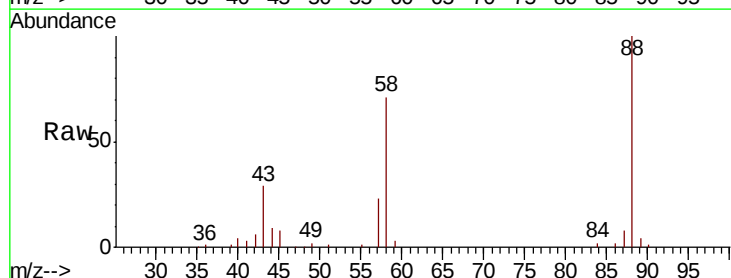
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



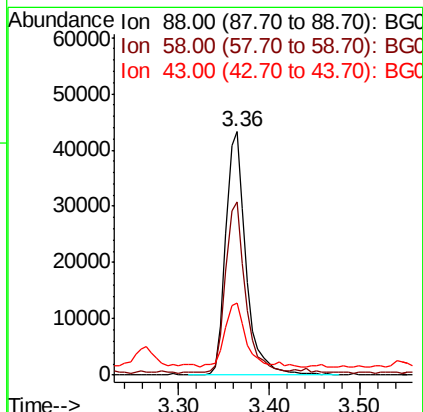
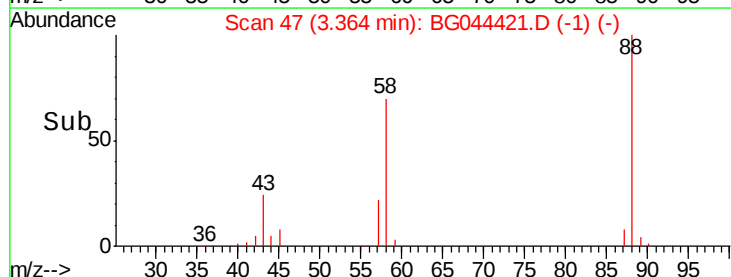
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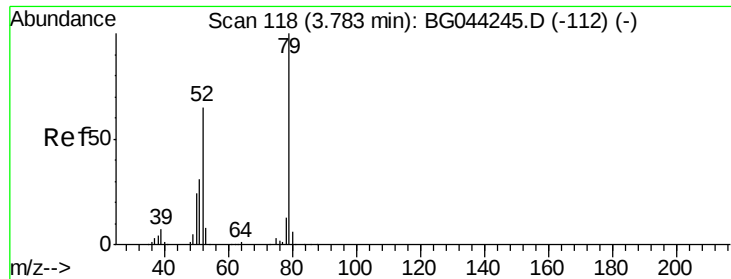
1,4-Dioxane
Concen: 35.000 ng
RT: 3.36 min Scan# 47
Delta R.T. 0.00 min
Lab File: BG044421.D
Acq: 13 Feb 2020 17:21

Tgt Ion: 88 Resp: 66720
Ion Ratio Lower Upper
88 100
58 68.0 55.8 83.6
43 26.1 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: 30.896 ng

RT: 3.76 min Scan# 114

Delta R.T. -0.01 min

Lab File: BG044421.D

Acq: 13 Feb 2020 17:21

Instrument :

BNA_G

ClientSampleId :

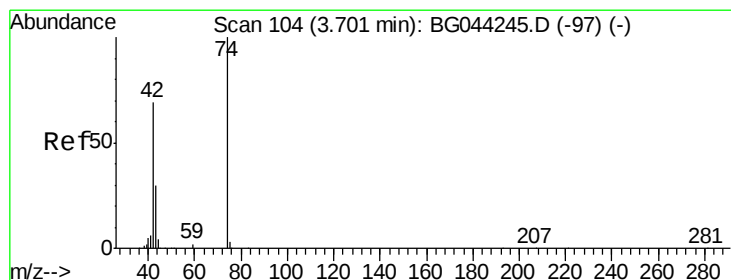
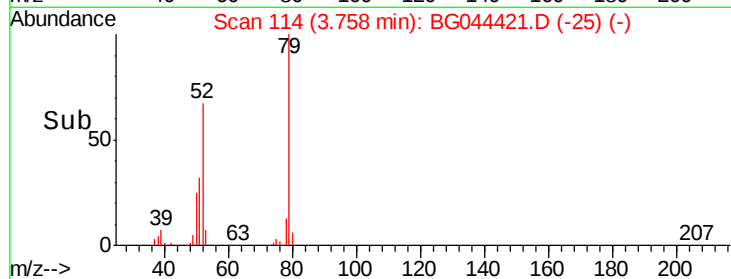
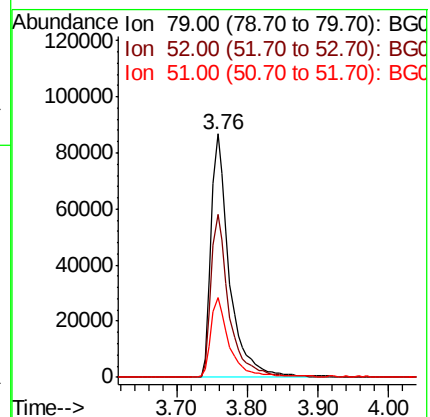
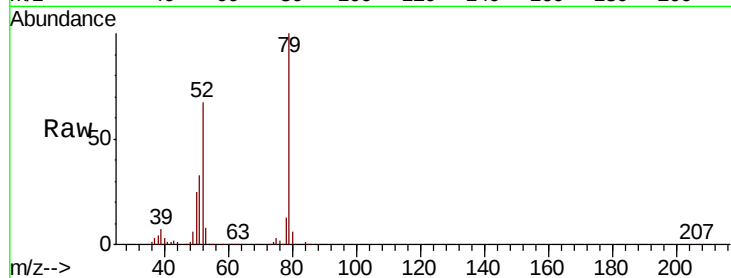
Tot Ion: 79 Resp: 156914

Ion Ratio Lower Upper

79 100

52 66.8 51.9 77.9

51 32.9 25.3 37.9



#4

n-Nitrosodimethylamine

Concen: 35.769 ng

RT: 3.68 min Scan# 100

Delta R.T. 0.00 min

Lab File: BG044421.D

Acq: 13 Feb 2020 17:21

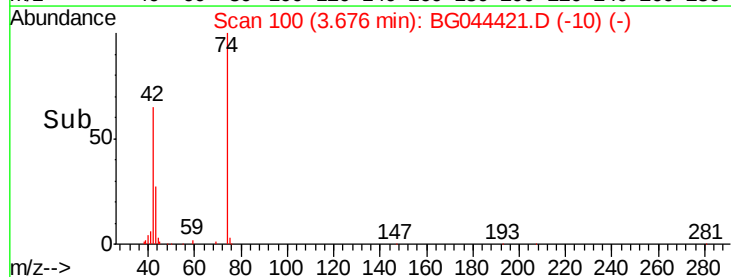
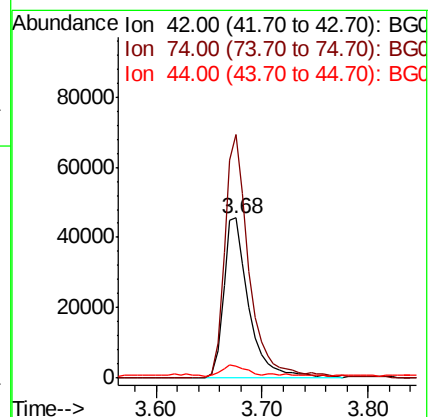
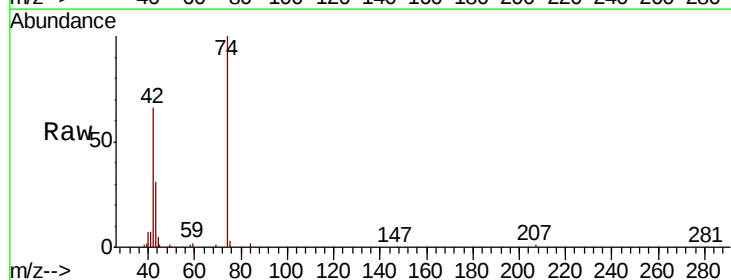
Tgt Ion: 42 Resp: 75913

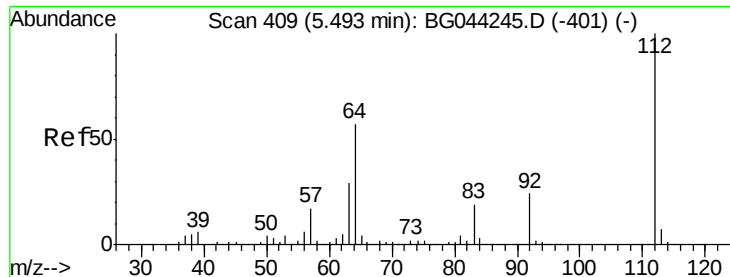
Ion Ratio Lower Upper

42 100

74 152.2 115.1 172.7

44 7.6 5.6 8.4





#5

2-Fluorophenol

Concen: 124.175 ng

RT: 5.49 min Scan# 408

Delta R.T. 0.01 min

Lab File: BG044421.D

Acq: 13 Feb 2020 17:21

Instrument :

BNA_G

ClientSampleId :

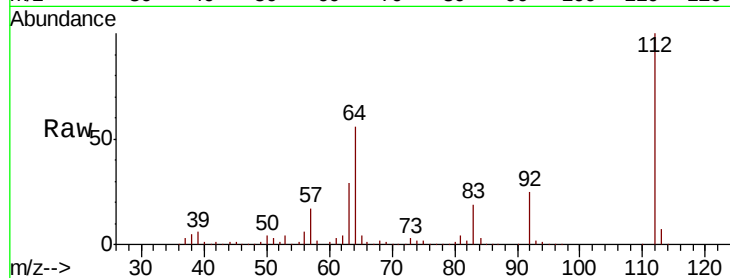
Tot Ion:112 Resp: 526858

Ion Ratio Lower Upper

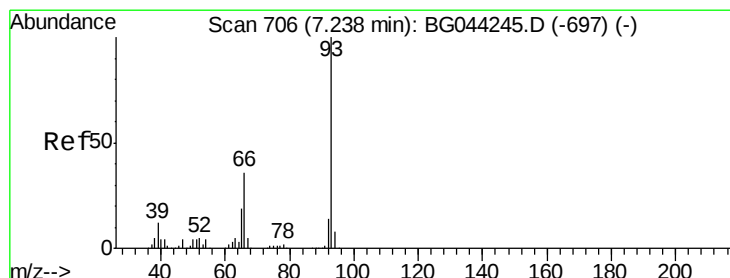
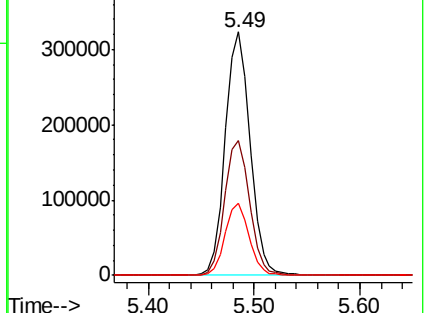
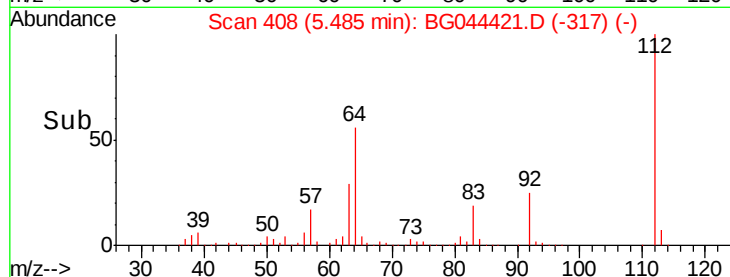
112 100

64 55.6 45.4 68.2

63 29.4 22.9 34.3



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



#6

Aniline

Concen: 26.416 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG044421.D

Acq: 13 Feb 2020 17:21

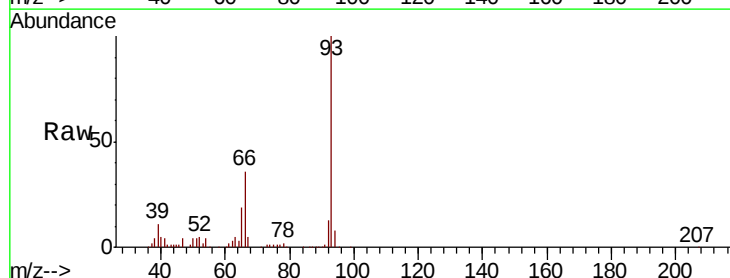
Tgt Ion: 93 Resp: 186820

Ion Ratio Lower Upper

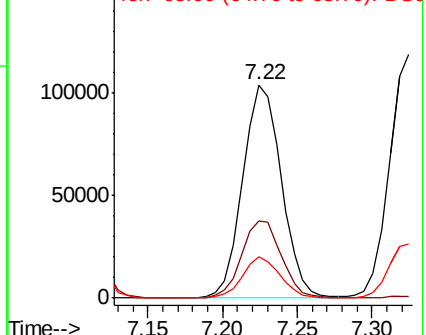
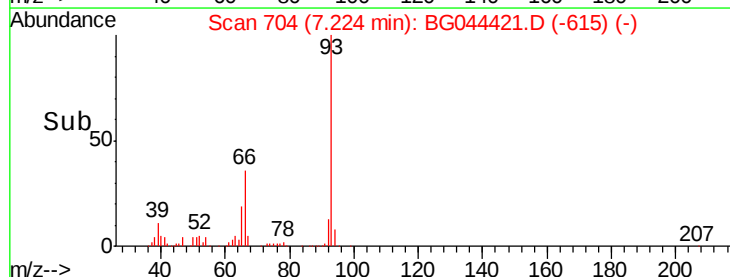
93 100

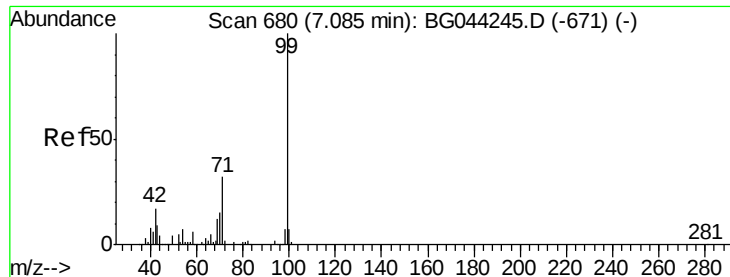
66 36.0 28.7 43.1

65 19.5 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: 124.240 ng

RT: 7.08 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG044421.D

Acq: 13 Feb 2020 17:21

Instrument :

BNA_G

ClientSampled :

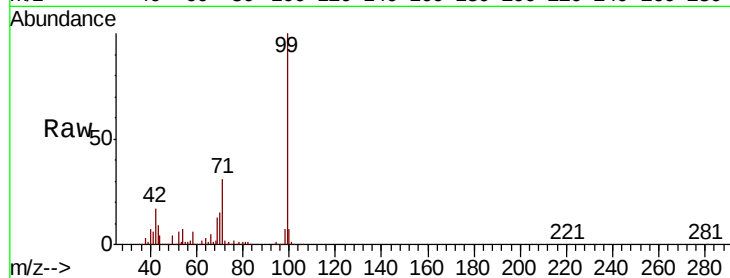
Tot Ion: 99 Resp: 707864

Ion Ratio Lower Upper

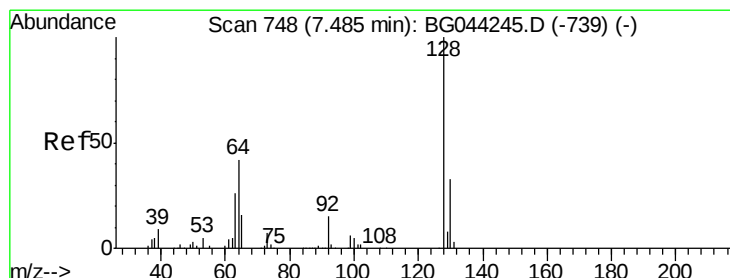
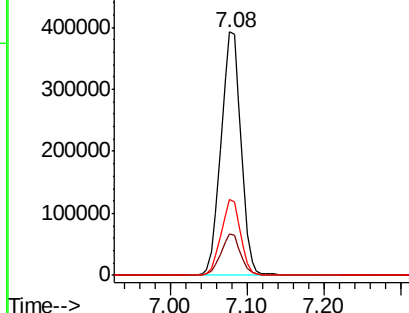
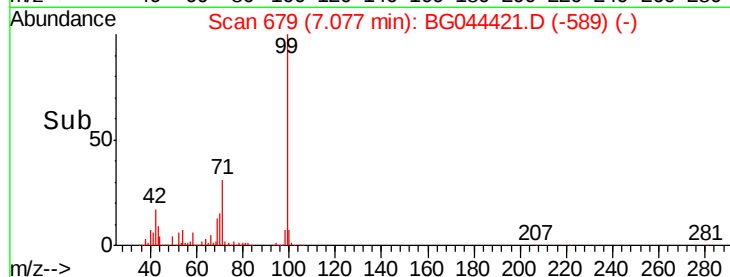
99 100

42 17.0 13.8 20.6

71 31.3 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: 44.821 ng

RT: 7.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BG044421.D

Acq: 13 Feb 2020 17:21

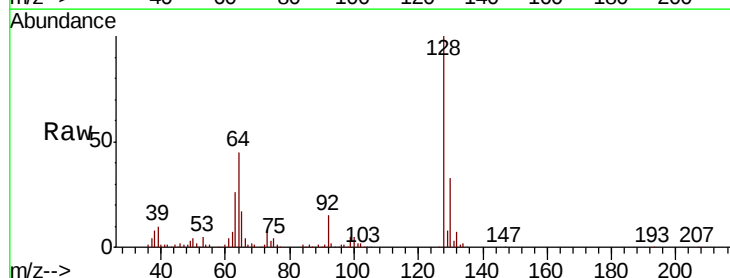
Tgt Ion:128 Resp: 209001

Ion Ratio Lower Upper

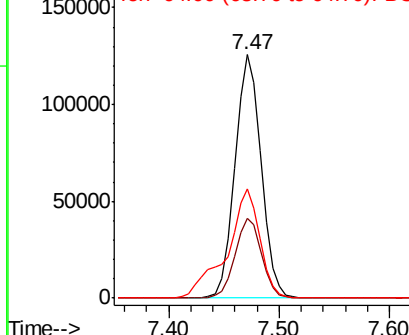
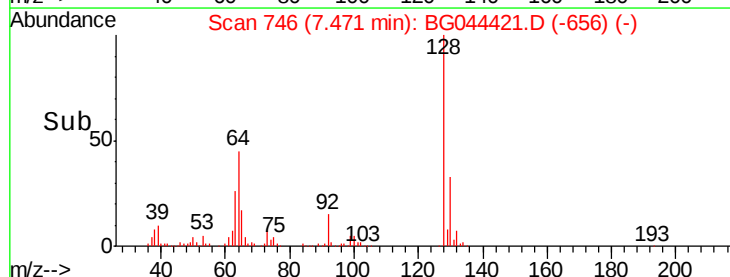
128 100

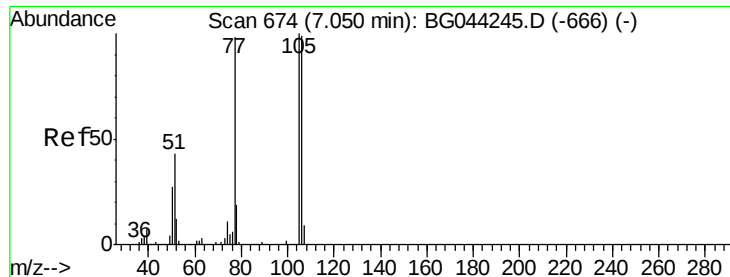
130 32.7 12.5 52.5

64 45.0 24.2 64.2



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





#9

Benzaldehyde

Concen: 12.377 ng

RT: 7.04 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG044421.D

Acq: 13 Feb 2020 17:21

Instrument :

BNA_G

ClientSampleId :

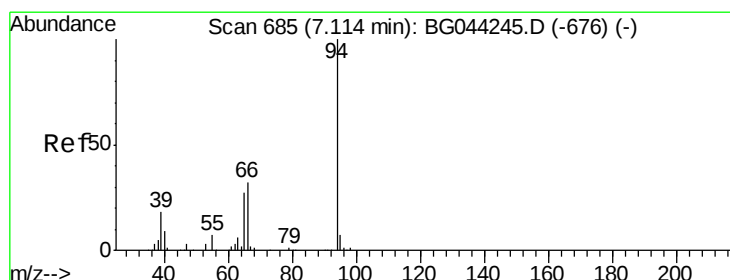
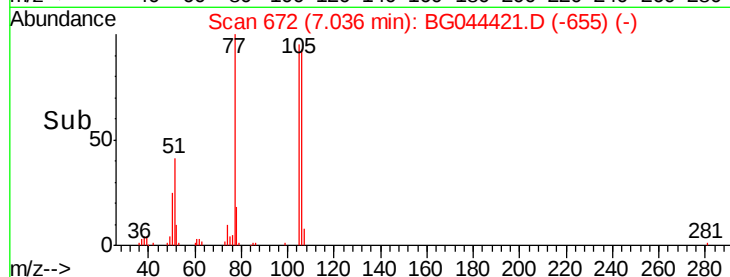
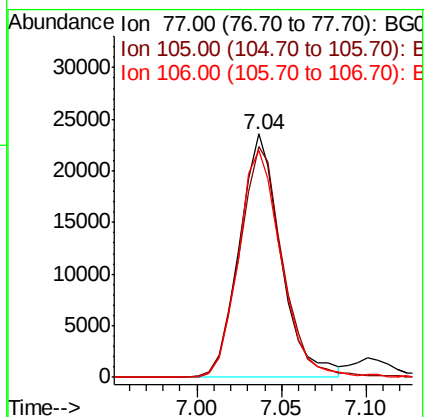
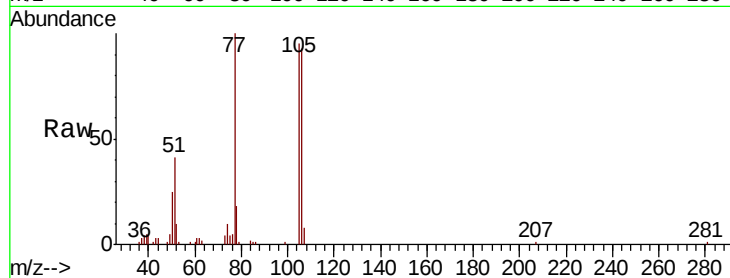
Tot Ion: 77 Resp: 40163

Ion Ratio Lower Upper

77 100

105 94.9 82.0 122.0

106 93.0 80.7 120.7



#10

Phenol

Concen: 45.243 ng

RT: 7.11 min Scan# 684

Delta R.T. 0.01 min

Lab File: BG044421.D

Acq: 13 Feb 2020 17:21

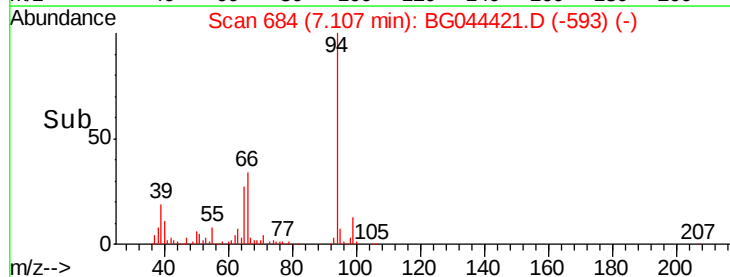
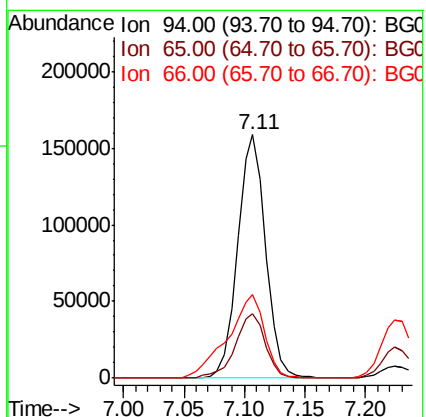
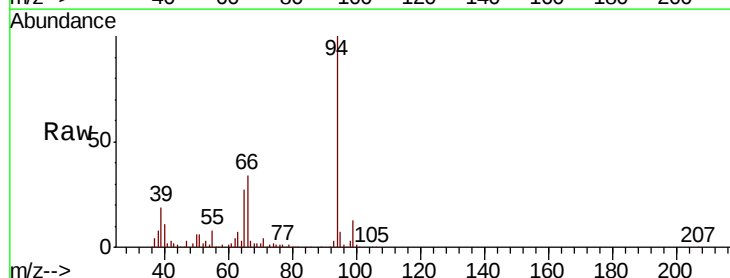
Tgt Ion: 94 Resp: 255110

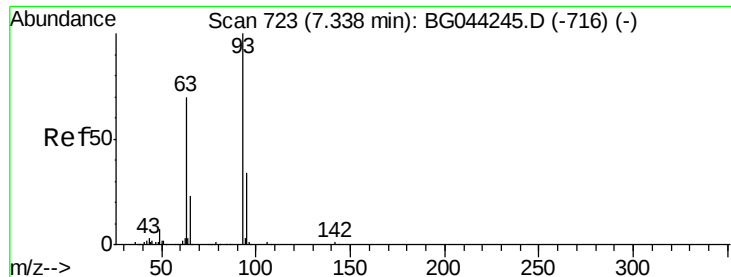
Ion Ratio Lower Upper

94 100

65 26.7 7.0 47.0

66 34.2 12.7 52.7





#11

bis(2-Chloroethyl)ether

Concen: 39.658 ng

RT: 7.32 min Scan# 721

Delta R.T. 0.00 min

Lab File: BG044421.D

Acq: 13 Feb 2020 17:21

Instrument :

BNA_G

ClientSampleId :

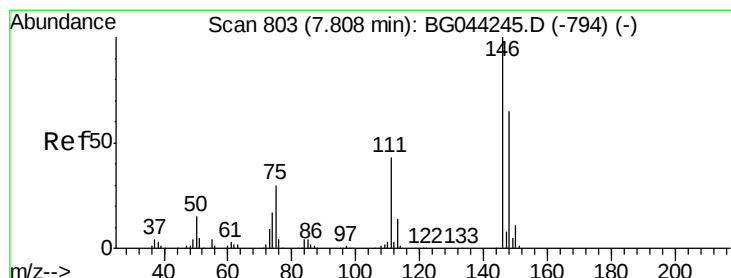
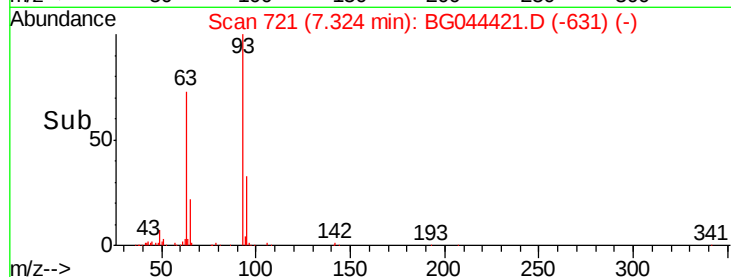
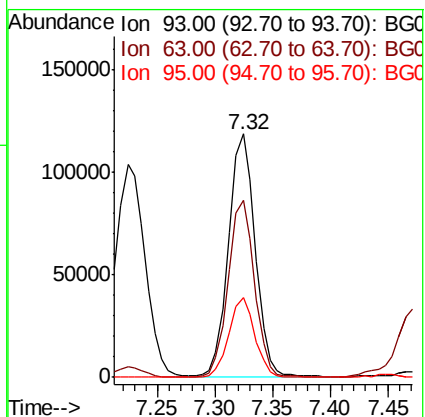
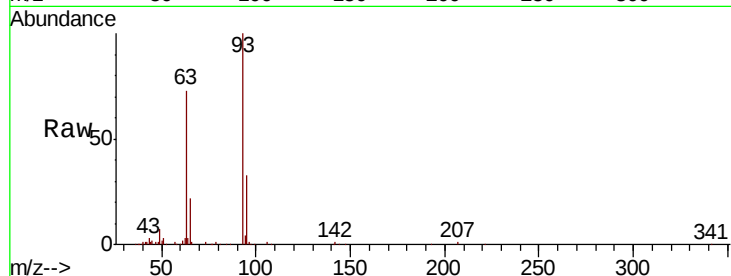
Tot Ion: 93 Resp: 191176

Ion Ratio Lower Upper

93 100

63 72.8 49.2 89.2

95 32.8 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 37.007 ng

RT: 7.79 min Scan# 801

Delta R.T. 0.00 min

Lab File: BG044421.D

Acq: 13 Feb 2020 17:21

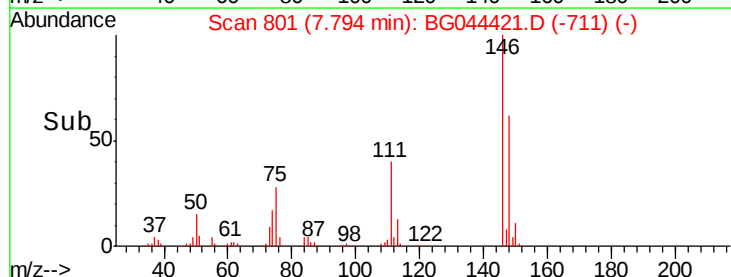
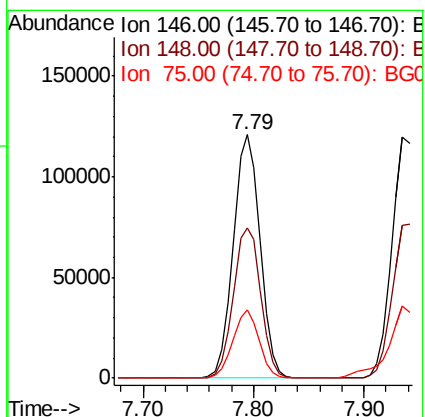
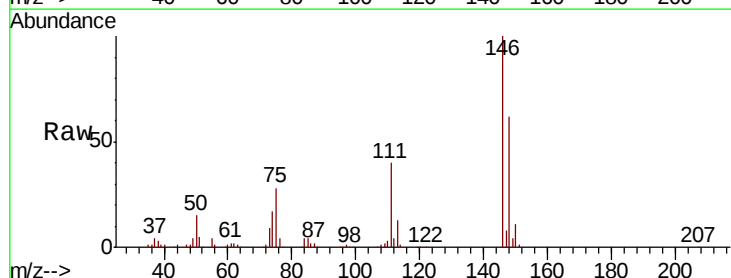
Tgt Ion: 146 Resp: 206038

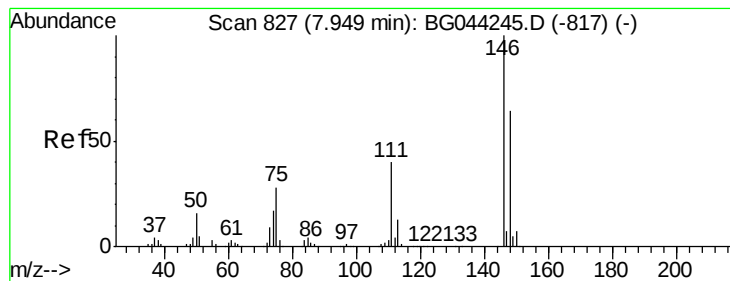
Ion Ratio Lower Upper

146 100

148 61.9 51.8 77.8

75 27.8 23.7 35.5





#13

1,4-Dichlorobenzene

Concen: 37.603 ng

RT: 7.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BG044421.D

Acq: 13 Feb 2020 17:21

Instrument :

BNA_G

ClientSampleId :

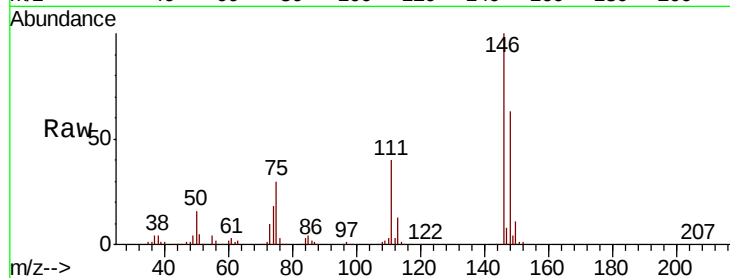
Tot Ion:146 Resp: 207353

Ion Ratio Lower Upper

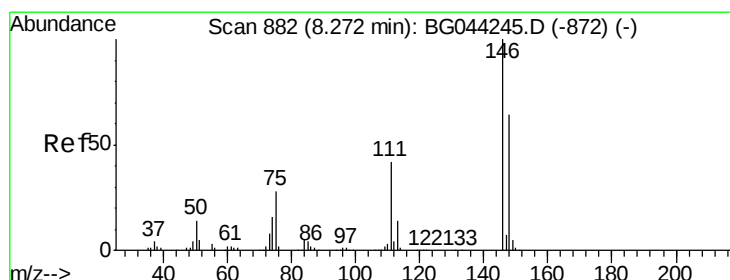
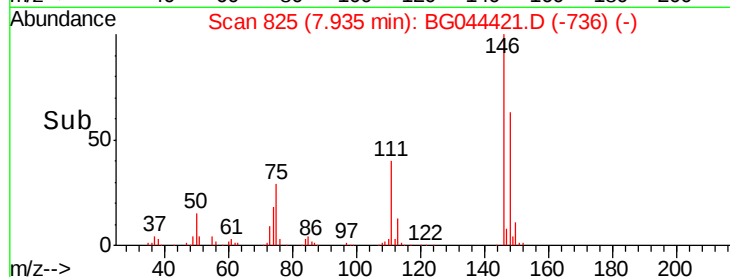
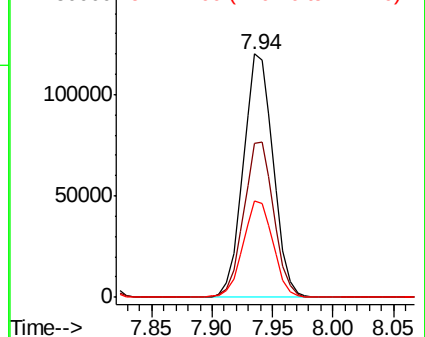
146 100

148 63.4 51.4 77.0

111 39.8 31.8 47.8



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



#14

1,2-Dichlorobenzene

Concen: 38.467 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG044421.D

Acq: 13 Feb 2020 17:21

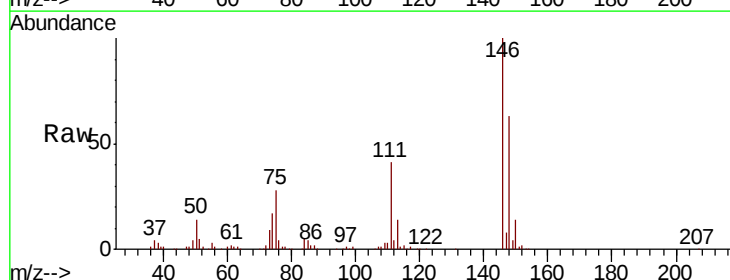
Tgt Ion:146 Resp: 200491

Ion Ratio Lower Upper

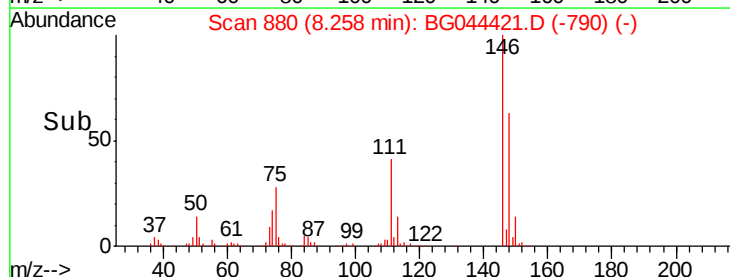
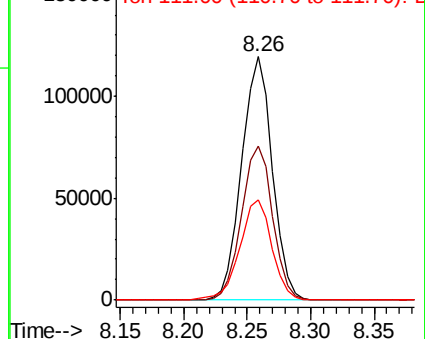
146 100

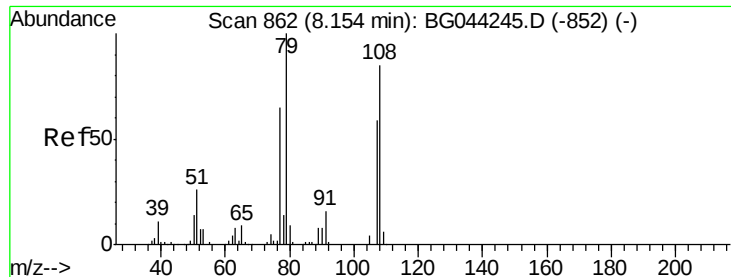
148 63.3 51.2 76.8

111 41.3 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: 42.850 ng

RT: 8.14 min Scan# 860

Delta R.T. 0.00 min

Lab File: BG044421.D

Acq: 13 Feb 2020 17:21

Instrument :

BNA_G

ClientSampled :

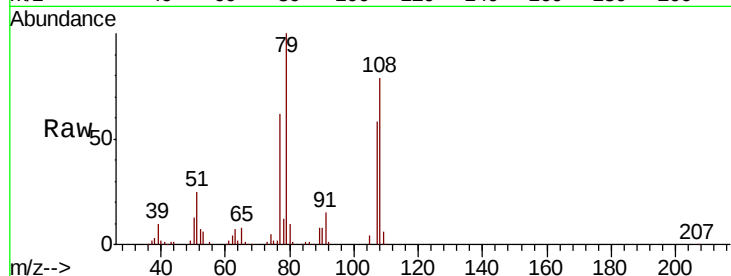
Tot Ion: 79 Resp: 172843

Ion Ratio Lower Upper

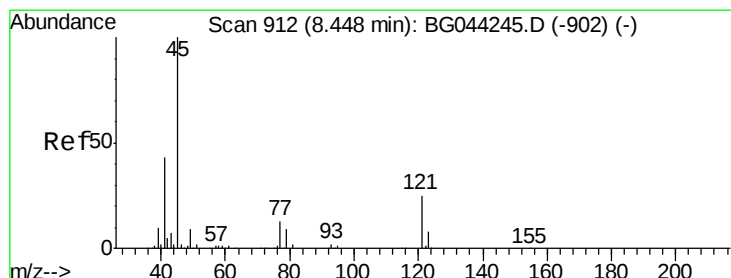
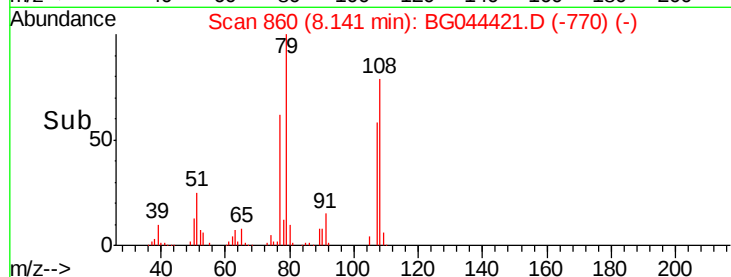
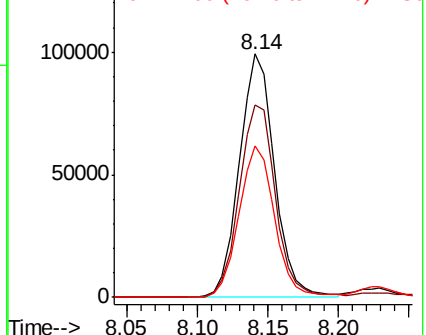
79 100

108 78.8 68.3 102.5

77 62.1 51.8 77.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.635 ng

RT: 8.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: BG044421.D

Acq: 13 Feb 2020 17:21

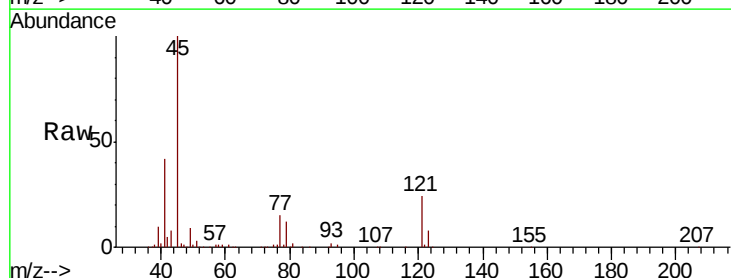
Tgt Ion: 45 Resp: 252081

Ion Ratio Lower Upper

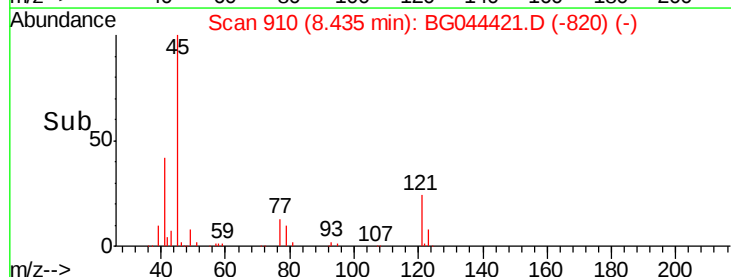
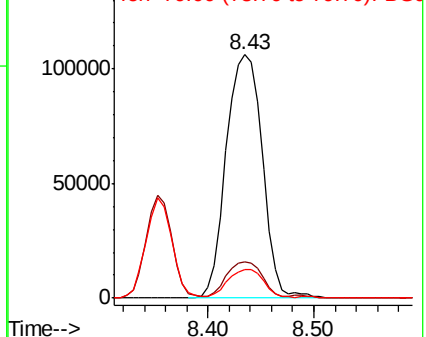
45 100

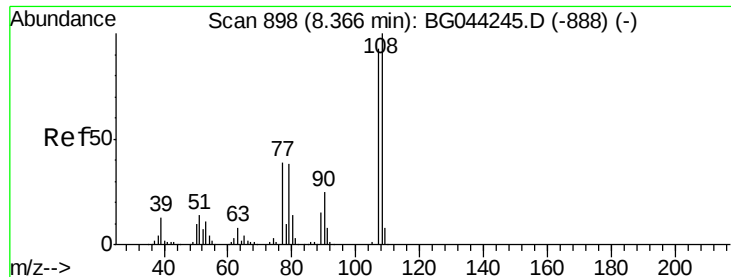
77 14.9 0.0 35.2

79 11.7 0.0 31.1



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 44.616 ng

RT: 8.35 min Scan# 896

Delta R.T. 0.00 min

Lab File: BG044421.D

Acq: 13 Feb 2020 17:21

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 179493

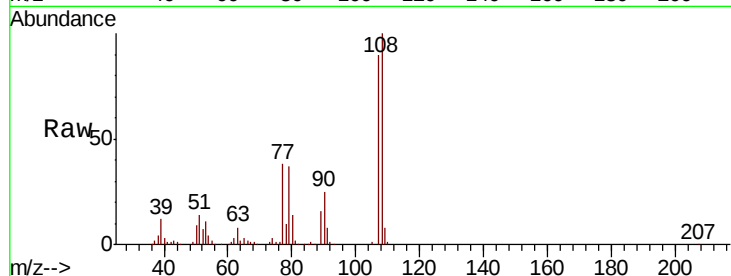
Ion Ratio Lower Upper

107 100

108 111.5 86.4 129.6

77 42.7 34.0 51.0

79 41.4 32.9 49.3

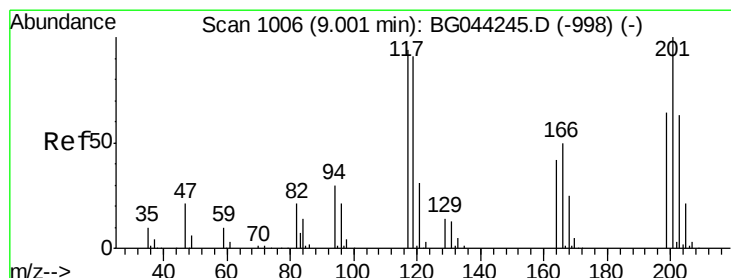
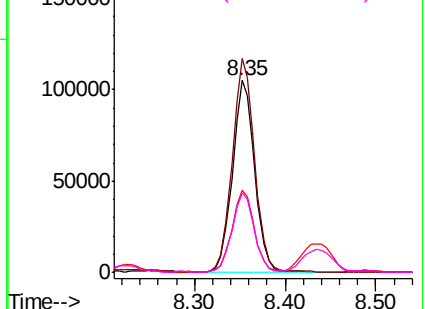
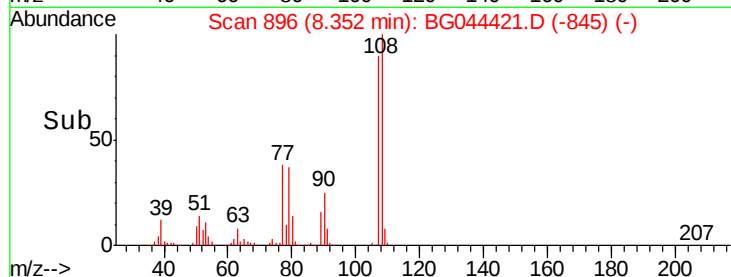


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 36.445 ng

RT: 8.99 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BG044421.D

Acq: 13 Feb 2020 17:21

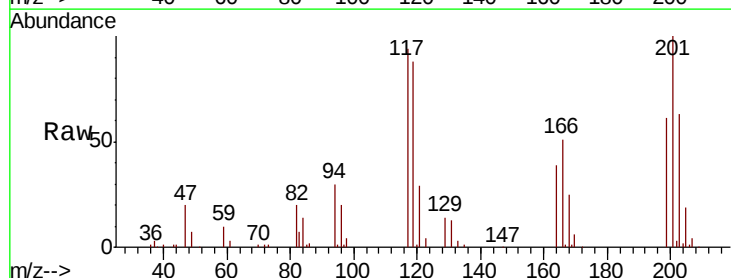
Tgt Ion:117 Resp: 75413

Ion Ratio Lower Upper

117 100

119 92.8 77.5 116.3

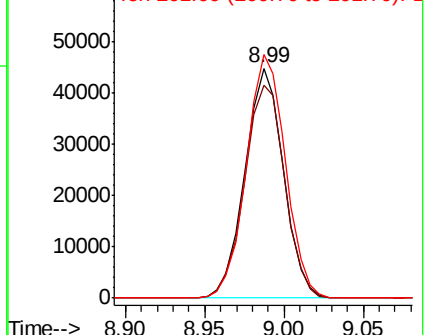
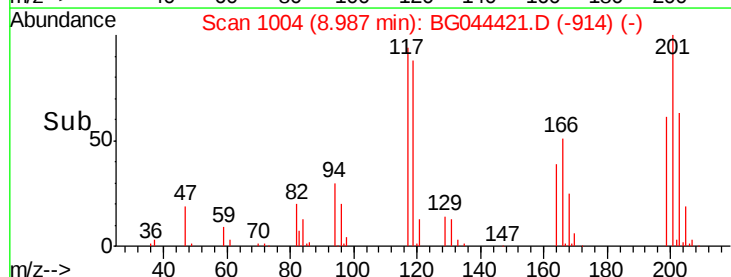
201 106.0 84.9 127.3

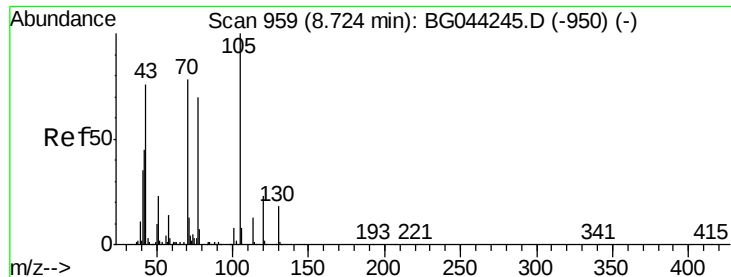


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

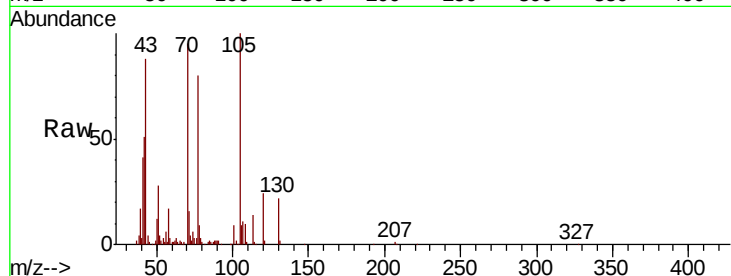




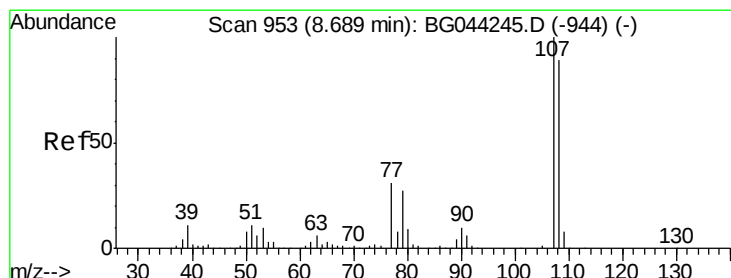
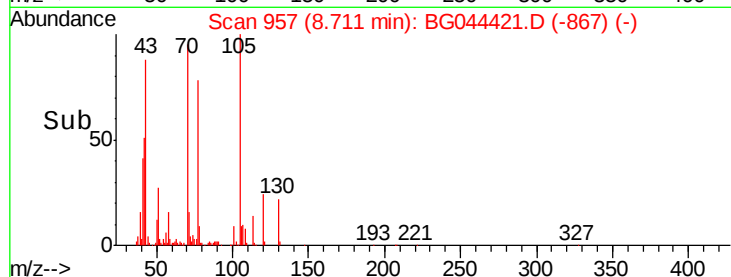
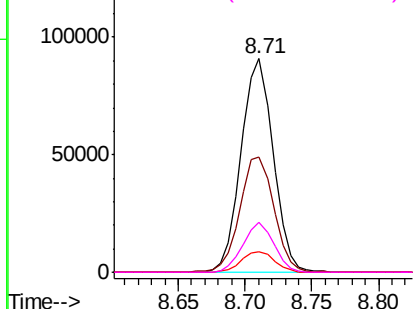
#19
n-Nitroso-di-n-propylamine
Concen: 39.876 ng
RT: 8.71 min Scan# 957
Delta R.T. 0.00 min
Lab File: BG044421.D
Acq: 13 Feb 2020 17:21

Instrument :
BNA_G
ClientSampled :

Tot Ion: 70 Resp: 151414
Ion Ratio Lower Upper
70 100
42 53.8 46.2 69.2
101 9.8 8.4 12.6
130 23.1 17.8 26.8

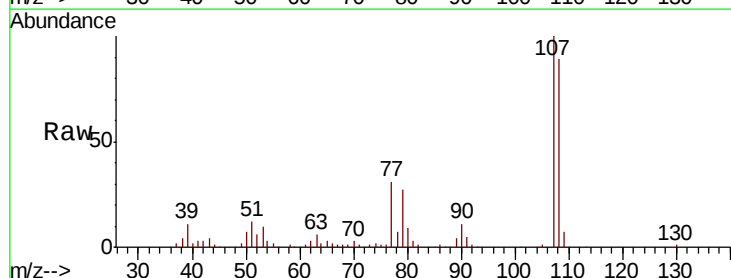


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

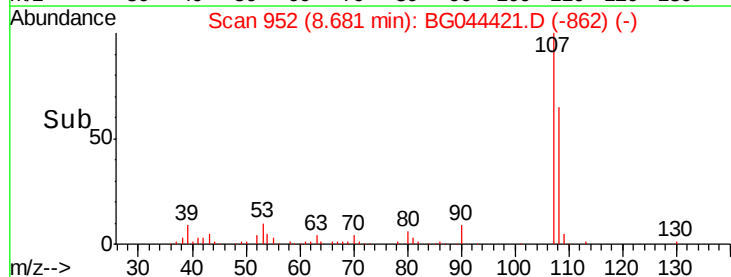
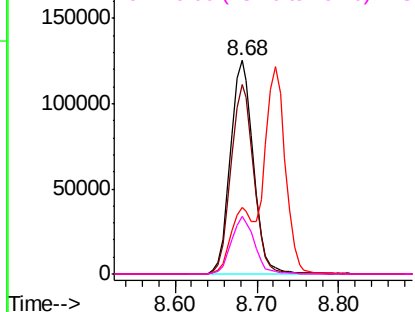


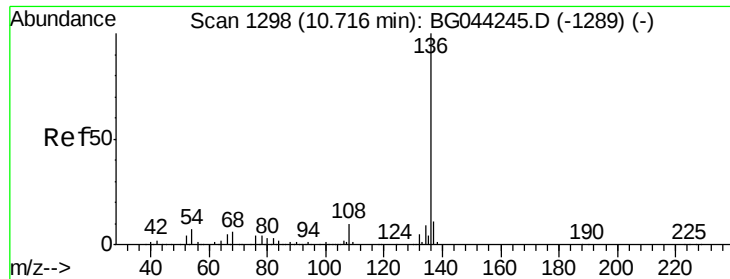
#20
3+4-Methylphenols
Concen: 44.186 ng
RT: 8.68 min Scan# 952
Delta R.T. 0.00 min
Lab File: BG044421.D
Acq: 13 Feb 2020 17:21

Tgt Ion: 107 Resp: 244988
Ion Ratio Lower Upper
107 100
108 88.9 68.5 108.5
77 31.0 10.9 50.9
79 27.0 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

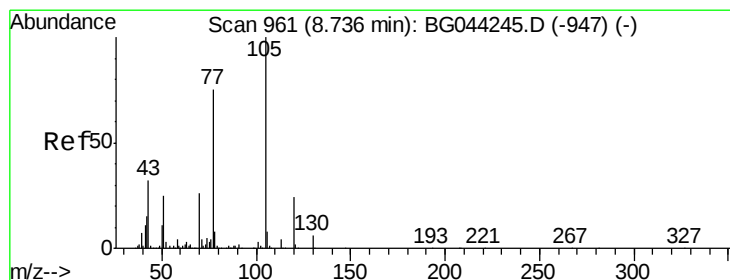
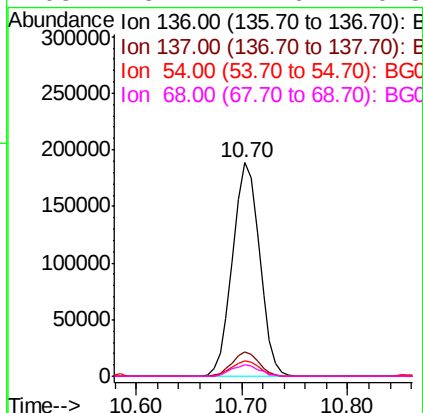
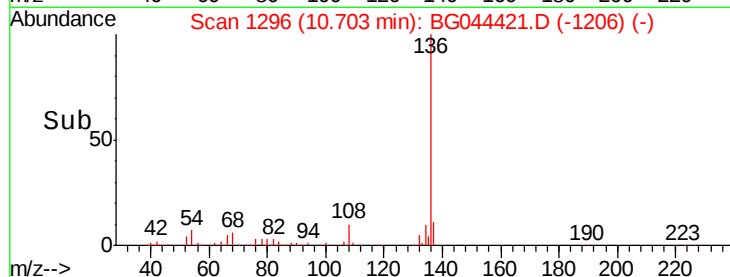
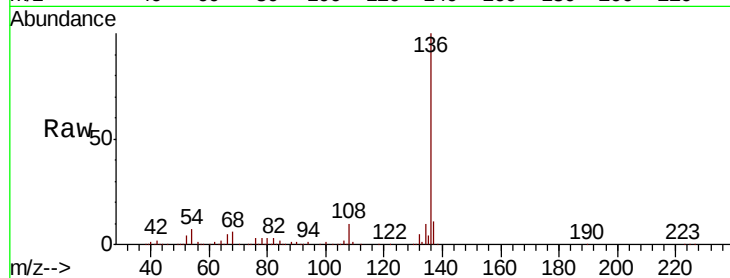




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BG044421.D
Acq: 13 Feb 2020 17:21

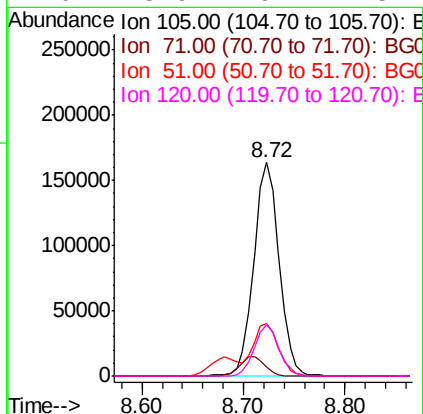
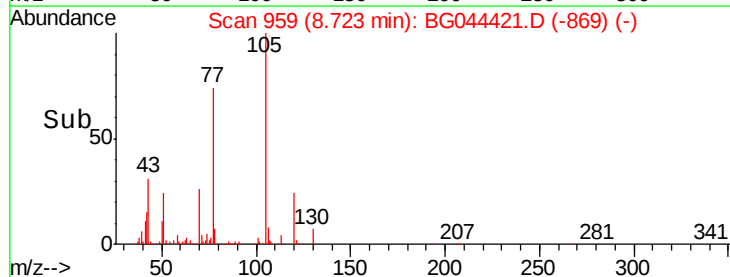
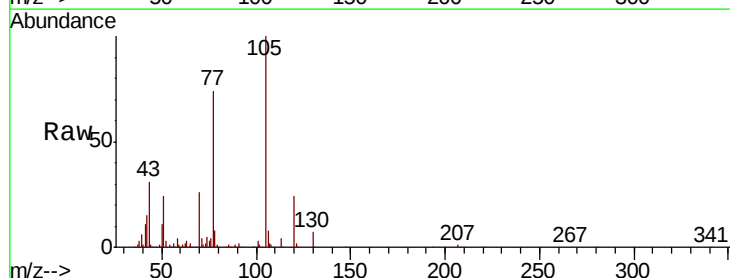
Instrument :
BNA_G
ClientSampleId :

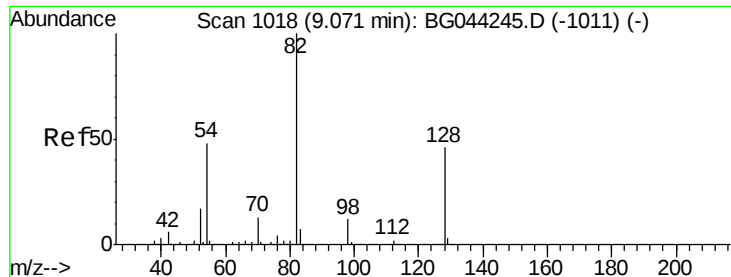
Tot Ion:136	Resp:	333719
Ion Ratio	Lower	Upper
136 100		
137 11.4	8.8	13.2
54 7.3	5.8	8.8
68 5.7	4.6	6.8



#22
Acetophenone
Concen: 34.976 ng
RT: 8.72 min Scan# 959
Delta R.T. 0.00 min
Lab File: BG044421.D
Acq: 13 Feb 2020 17:21

Tgt	Ion:105	Resp:	283945
Ion	Ratio	Lower	Upper
105	100		
71	4.2	3.4	5.0
51	24.4	20.2	30.4
120	23.9	19.1	28.7

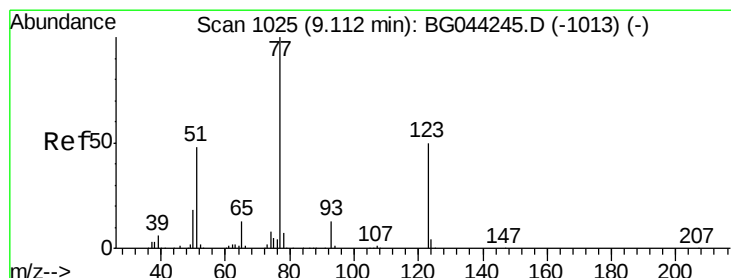
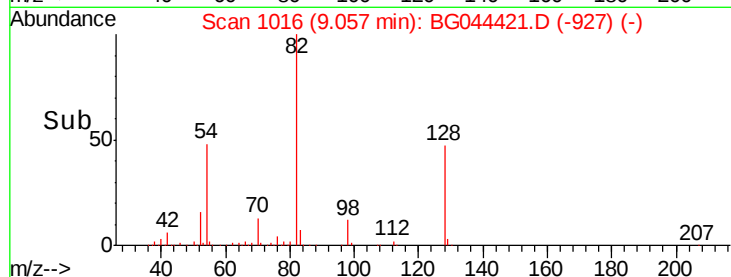
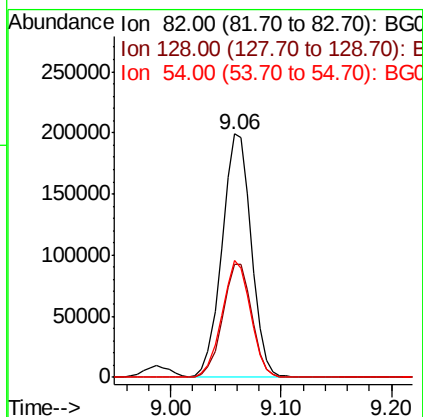
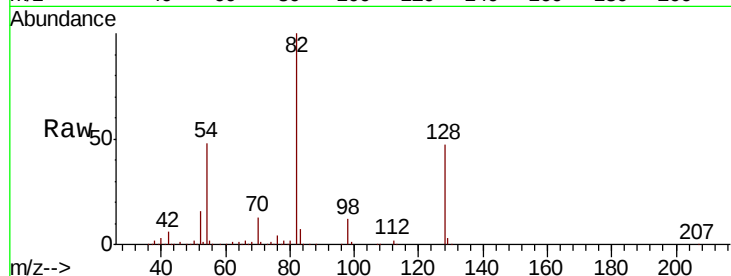




#23
 Nitrobenzene-d5
 Concen: 62.198 ng
 RT: 9.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BG044421.D
 Acq: 13 Feb 2020 17:21

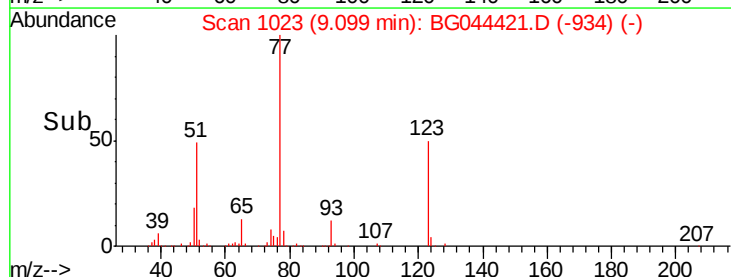
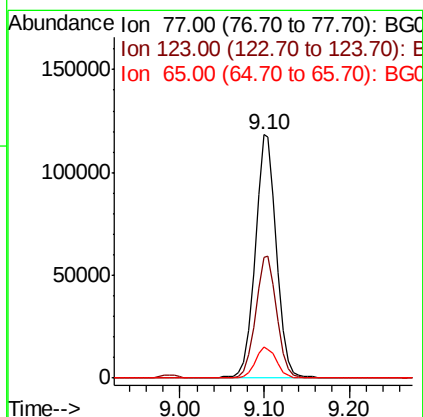
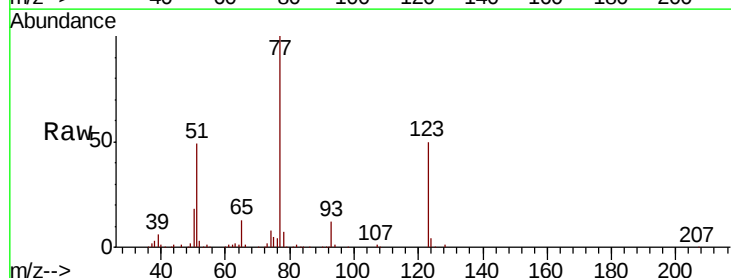
Instrument :
 BNA_G
 ClientSampled :

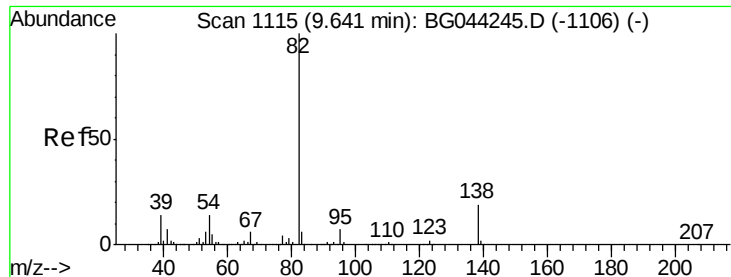
Tot Ion	82	Resp	367656
Ion Ratio	100	Lower	Upper
128	46.5	36.5	54.7
54	47.8	38.6	58.0



#24
 Nitrobenzene
 Concen: 36.183 ng
 RT: 9.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BG044421.D
 Acq: 13 Feb 2020 17:21

Tgt Ion	77	Resp	208803
Ion Ratio	100	Lower	Upper
123	49.6	39.9	59.9
65	12.8	10.4	15.6





#25

Isophorone

Concen: 37.968 ng

RT: 9.63 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BG044421.D

Acq: 13 Feb 2020 17:21

Instrument :

BNA_G

ClientSampleId :

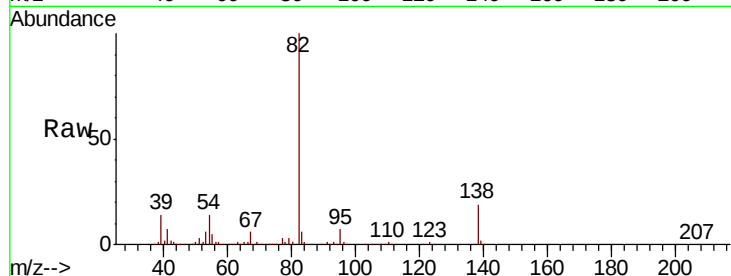
Tot Ion: 82 Resp: 418318

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

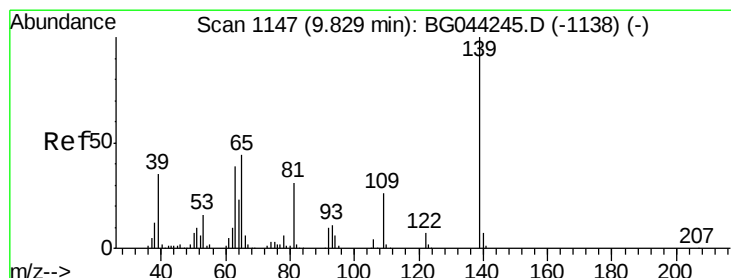
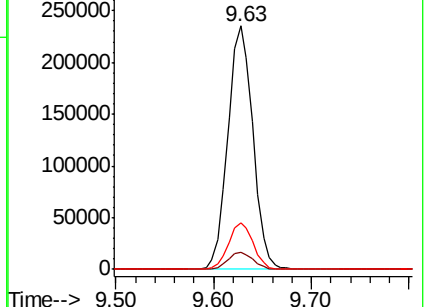
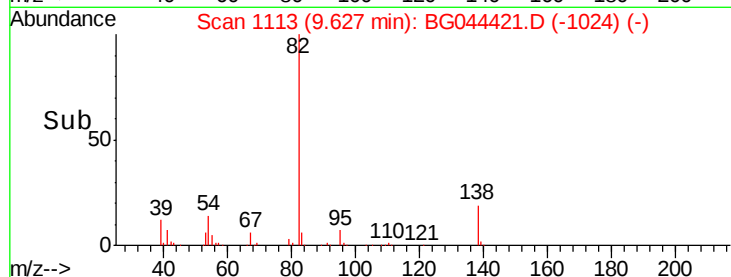
138 19.0 15.0 22.4



Abundance Ion 82.00 (81.70 to 82.70): BG044421.D (-1024) (-)

Ion 95.00 (94.70 to 95.70): BG044421.D (-1024) (-)

Ion 138.00 (137.70 to 138.70): BG044421.D (-1024) (-)



#26

2-Nitrophenol

Concen: 39.765 ng

RT: 9.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BG044421.D

Acq: 13 Feb 2020 17:21

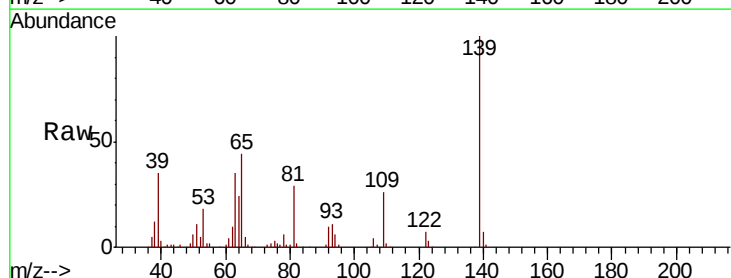
Tgt Ion: 139 Resp: 119069

Ion Ratio Lower Upper

139 100

109 25.9 21.0 31.4

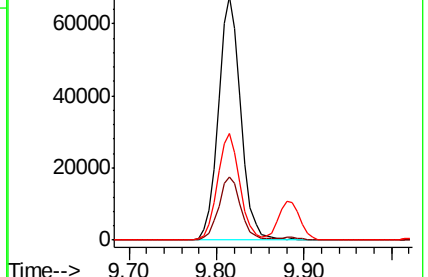
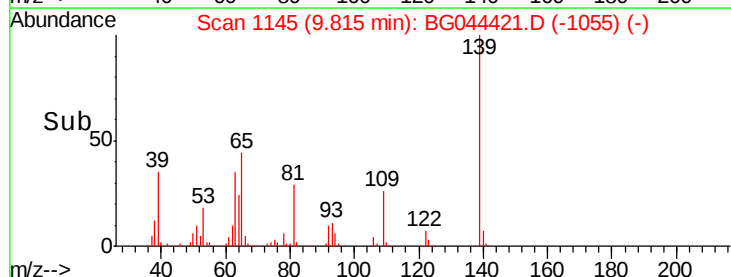
65 43.7 35.0 52.4

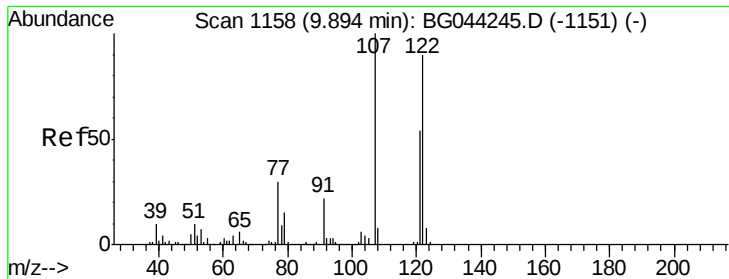


Abundance Ion 139.00 (138.70 to 139.70): BG044421.D (-1055) (-)

Ion 109.00 (108.70 to 109.70): BG044421.D (-1055) (-)

Ion 65.00 (64.70 to 65.70): BG044421.D (-1055) (-)





#27

2,4-Dimethylphenol

Concen: 47.660 ng

RT: 9.88 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BG044421.D

Acq: 13 Feb 2020 17:21

Instrument :

BNA_G

ClientSampleId :

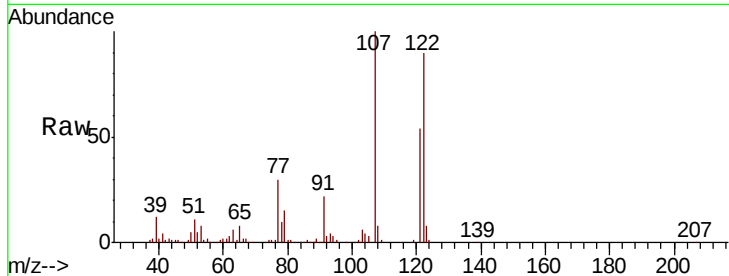
Tot Ion:122 Resp: 201450

Ion Ratio Lower Upper

122 100

107 110.6 88.8 133.2

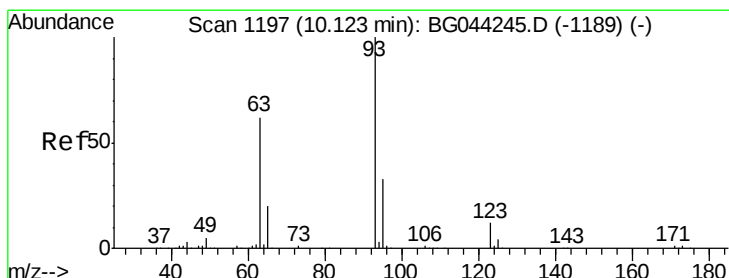
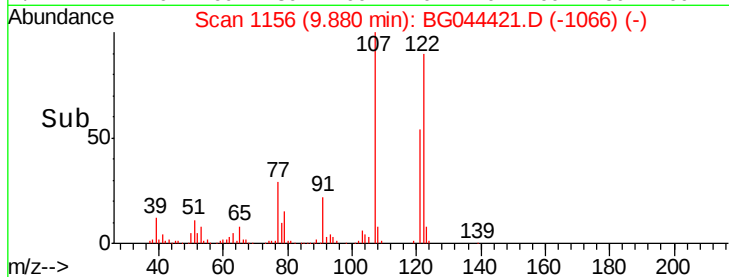
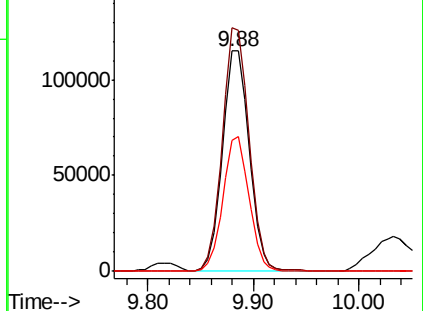
121 59.7 48.3 72.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.142 ng

RT: 10.11 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BG044421.D

Acq: 13 Feb 2020 17:21

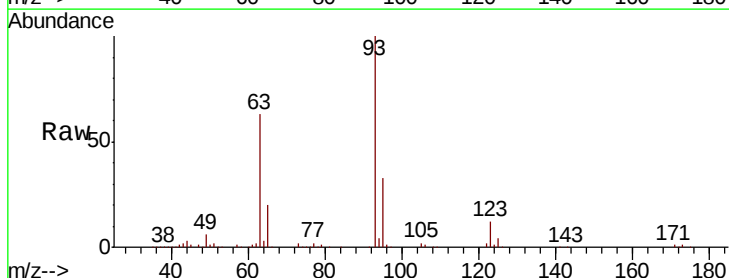
Tgt Ion: 93 Resp: 265632

Ion Ratio Lower Upper

93 100

95 33.3 26.6 40.0

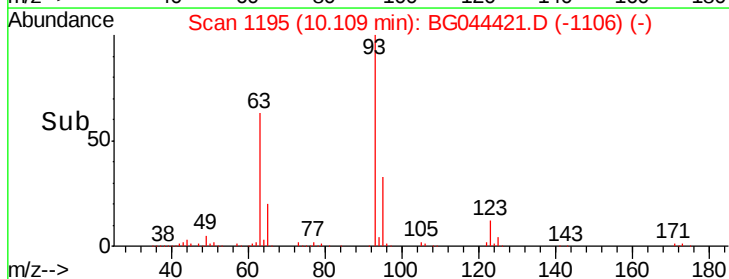
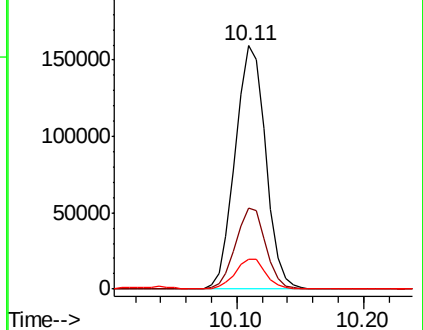
123 12.2 10.0 15.0

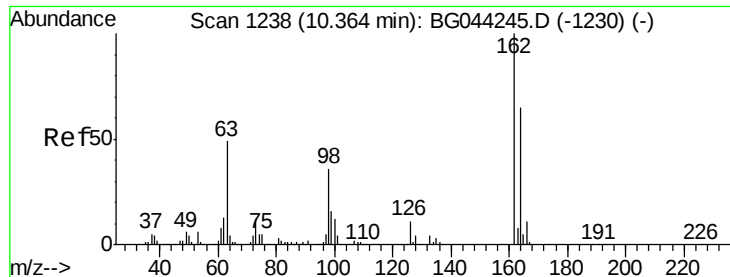


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

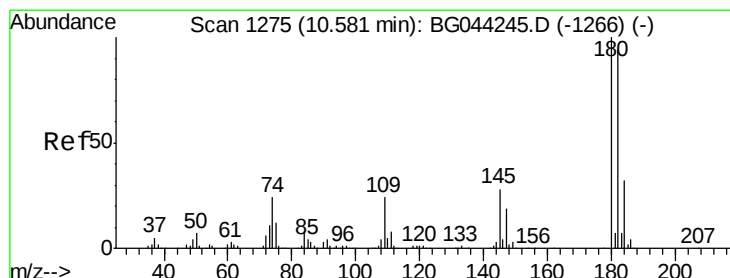
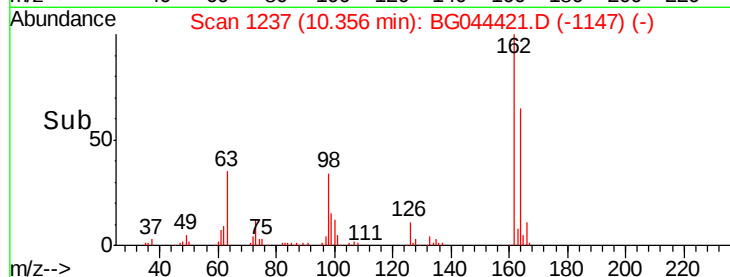
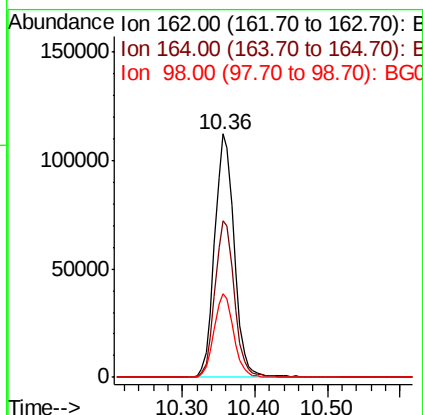
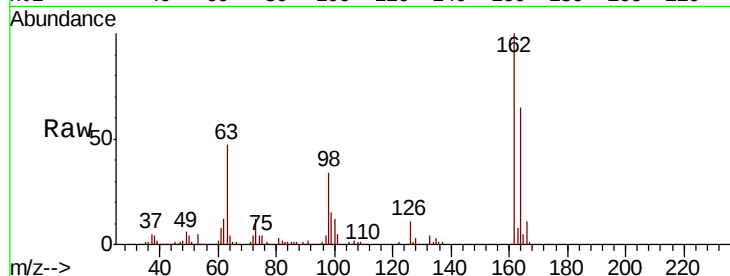




#29
2,4-Dichlorophenol
Concen: 41.334 ng
RT: 10.36 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BG044421.D
Acq: 13 Feb 2020 17:21

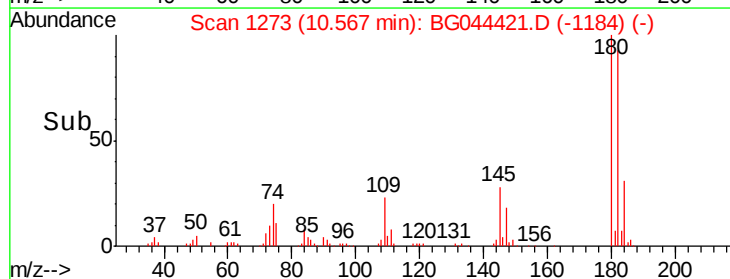
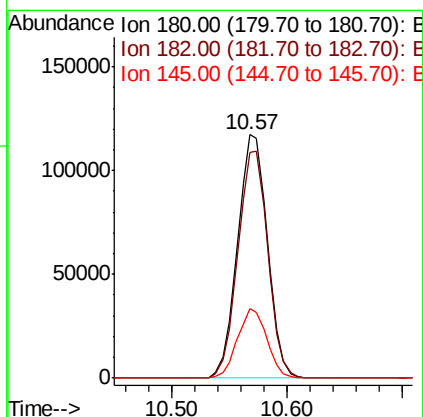
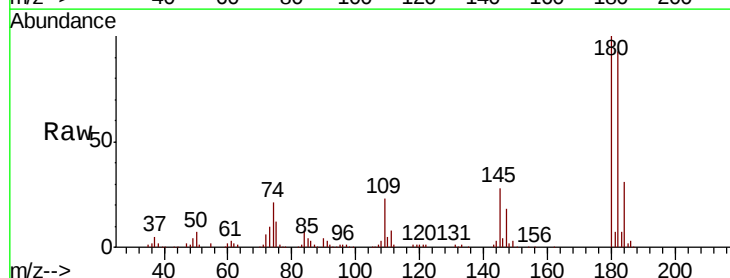
Instrument :
BNA_G
ClientSampled :

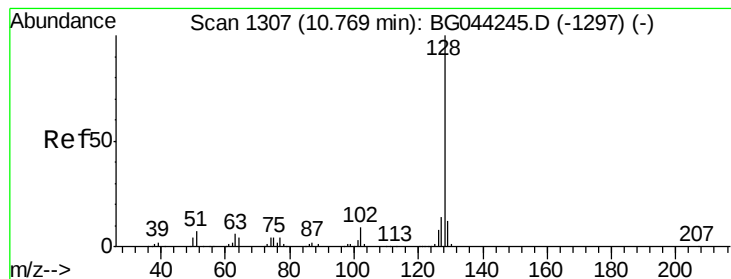
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.7	84.7
98	34.3	15.8	55.8



#30
1,2,4-Trichlorobenzene
Concen: 35.833 ng
RT: 10.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BG044421.D
Acq: 13 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	75.5	113.3
145	28.4	22.6	34.0





#31

Naphthalene

Concen: 38.048 ng

RT: 10.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BG044421.D

Acq: 13 Feb 2020 17:21

Instrument :

BNA_G

ClientSampleId :

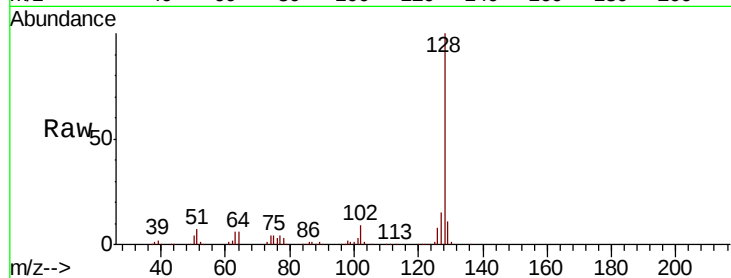
Tot Ion:128 Resp: 616035

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

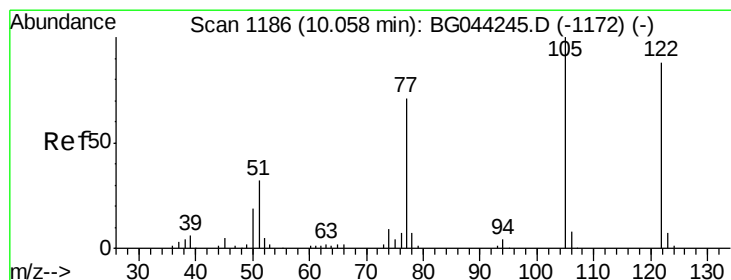
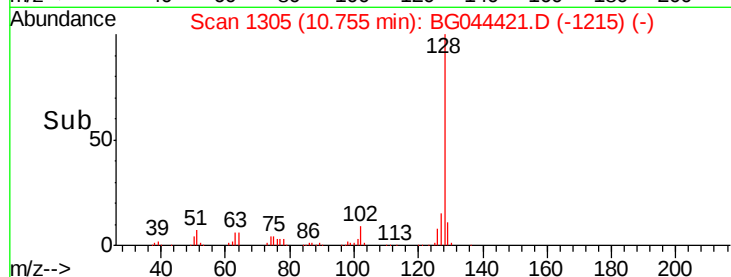
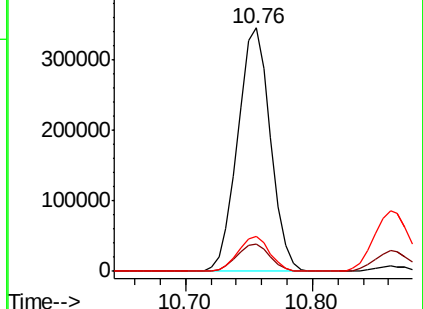
127 14.6 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 29.955 ng

RT: 10.03 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BG044421.D

Acq: 13 Feb 2020 17:21

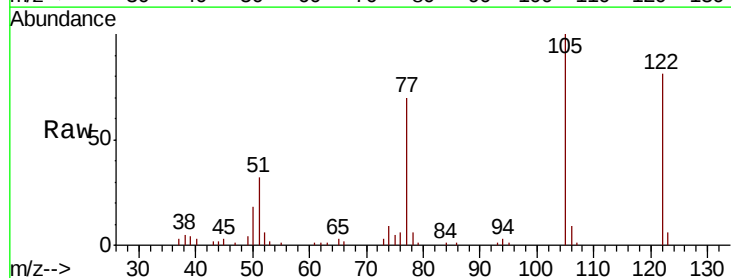
Tgt Ion:122 Resp: 62353

Ion Ratio Lower Upper

122 100

105 123.2 93.5 133.5

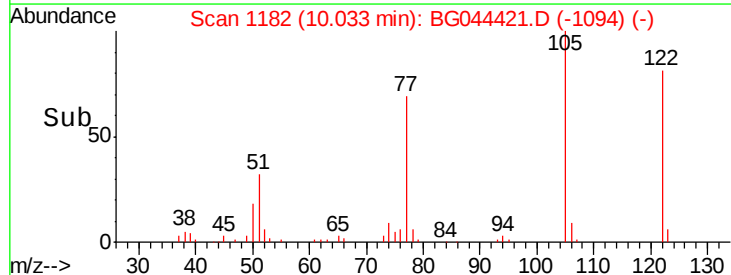
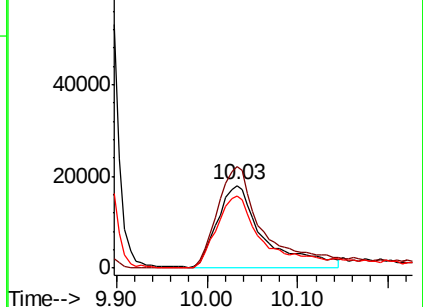
77 86.3 61.0 101.0

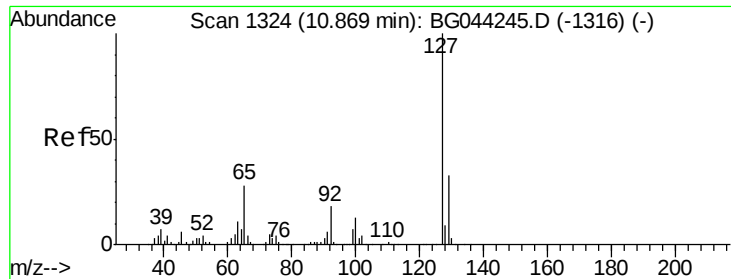


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

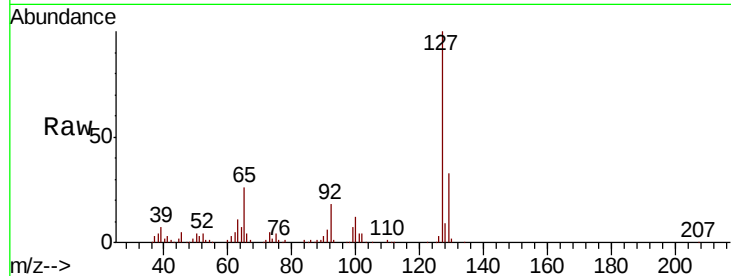




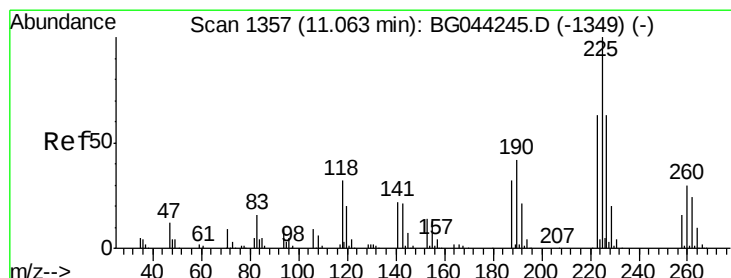
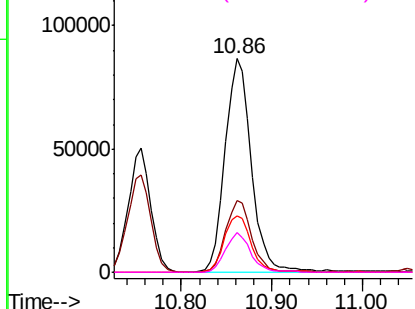
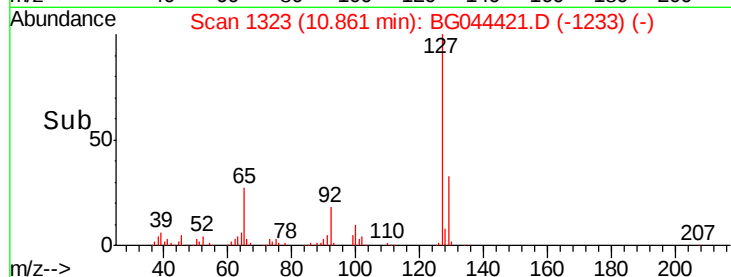
#33
4-Chloroaniline
Concen: 23.769 ng
RT: 10.86 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG044421.D
Acq: 13 Feb 2020 17:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	175032
Ion Ratio	Lower	Upper
127	100	
129	33.4	26.6 40.0
65	26.5	22.5 33.7
92	18.3	14.1 21.1

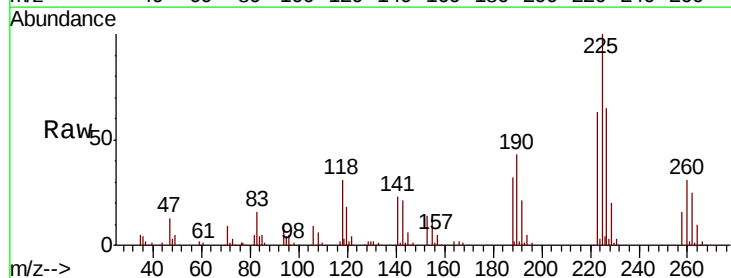


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

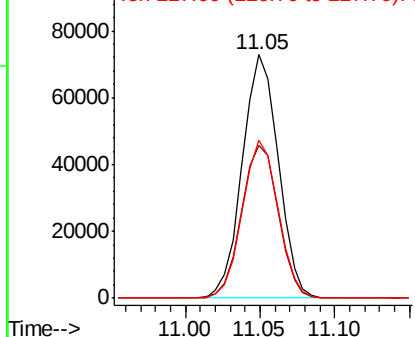
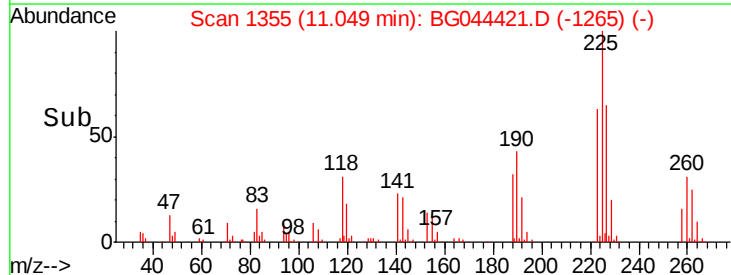


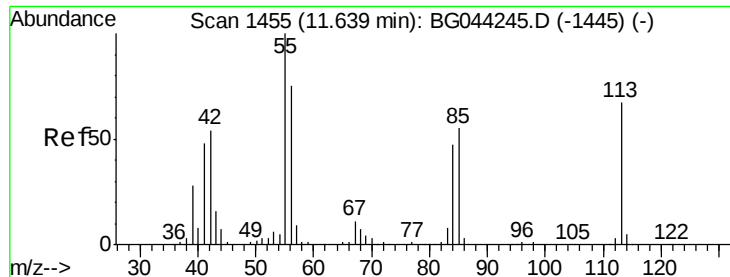
#34
Hexachlorobutadiene
Concen: 33.746 ng
RT: 11.05 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG044421.D
Acq: 13 Feb 2020 17:21

Tgt Ion:225	Resp:	121690
Ion Ratio	Lower	Upper
225	100	
223	62.5	50.2 75.4
227	64.9	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

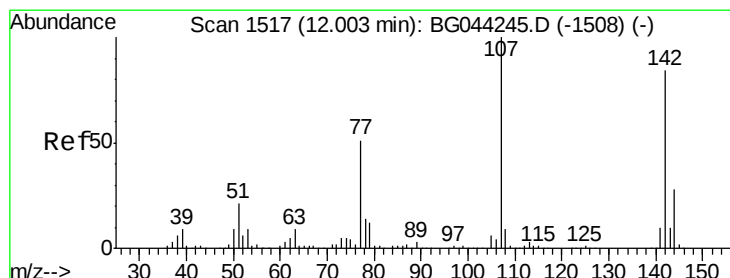
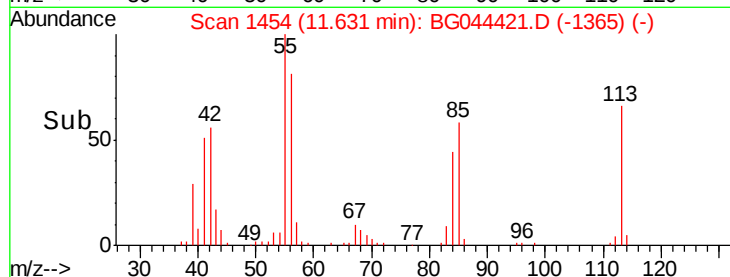
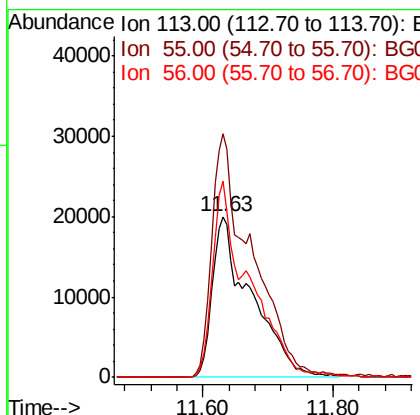
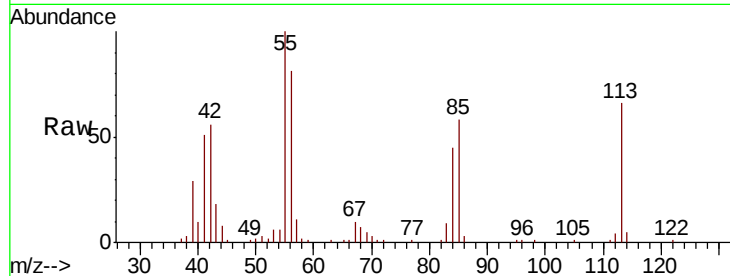




#35
 Caprolactam
 Concen: 43.987 ng
 RT: 11.63 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BG044421.D
 Acq: 13 Feb 2020 17:21

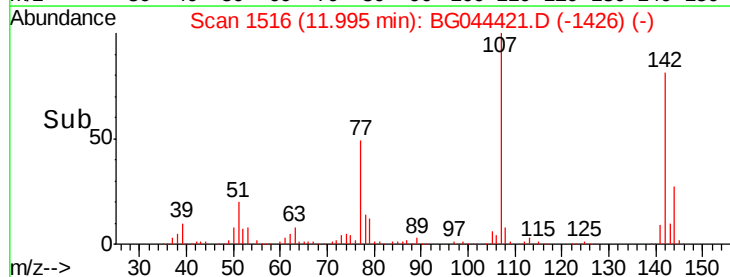
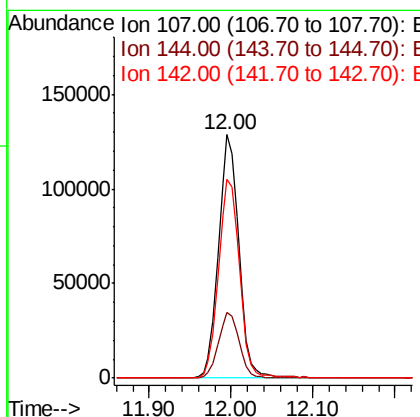
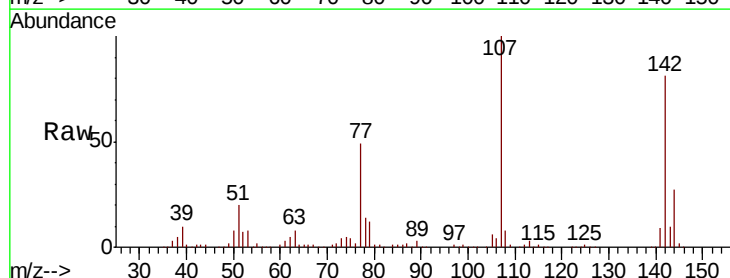
Instrument :
 BNA_G
 ClientSampleId :

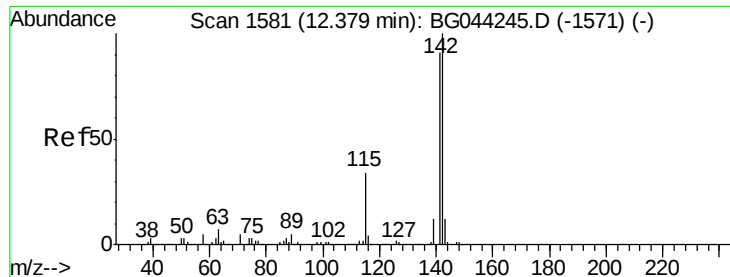
Tot Ion:113 Resp: 82355
 Ion Ratio Lower Upper
 113 100
 55 151.2 129.9 169.9
 56 121.9 92.5 132.5



#36
 4-Chloro-3-methylphenol
 Concen: 41.747 ng
 RT: 12.00 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: BG044421.D
 Acq: 13 Feb 2020 17:21

Tgt Ion:107 Resp: 223708
 Ion Ratio Lower Upper
 107 100
 144 26.8 22.2 33.4
 142 81.4 67.4 101.0





#37

2-Methylnaphthalene

Concen: 38.881 ng

RT: 12.37 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BG044421.D

Acq: 13 Feb 2020 17:21

Instrument :

BNA_G

ClientSampleId :

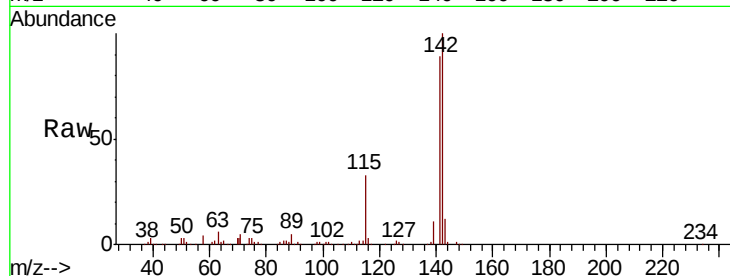
Tot Ion:142 Resp: 467400

Ion Ratio Lower Upper

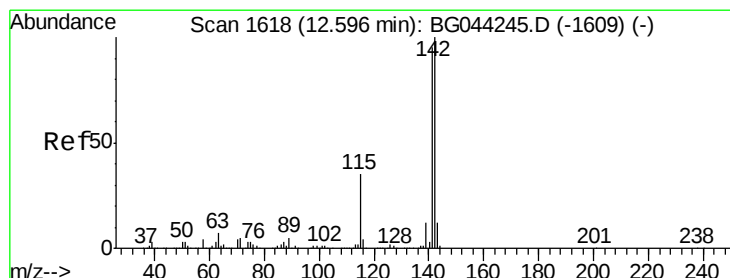
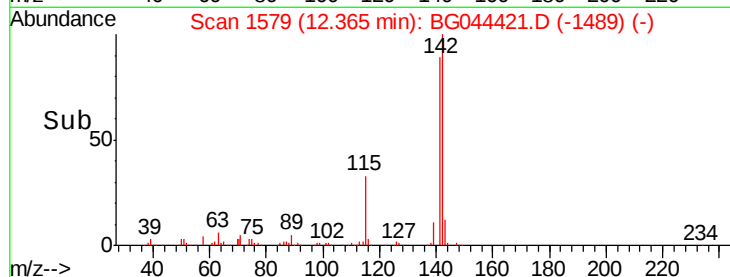
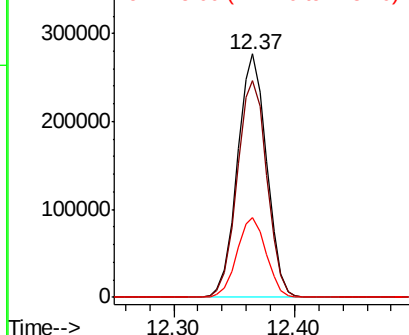
142 100

141 89.2 73.2 109.8

115 32.9 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: 38.846 ng

RT: 12.58 min Scan# 1616

Delta R.T. 0.00 min

Lab File: BG044421.D

Acq: 13 Feb 2020 17:21

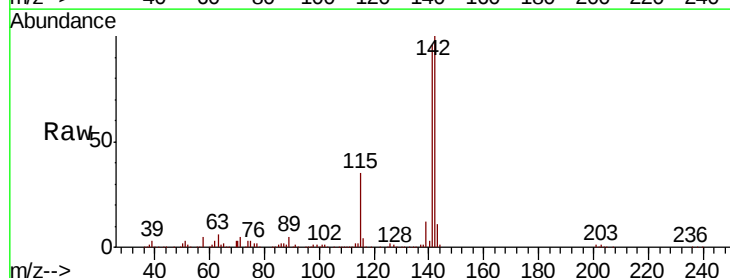
Tgt Ion:142 Resp: 440271

Ion Ratio Lower Upper

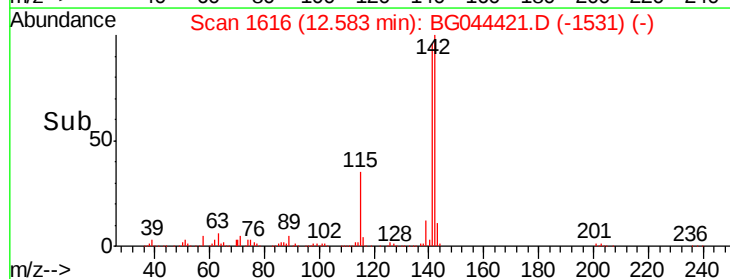
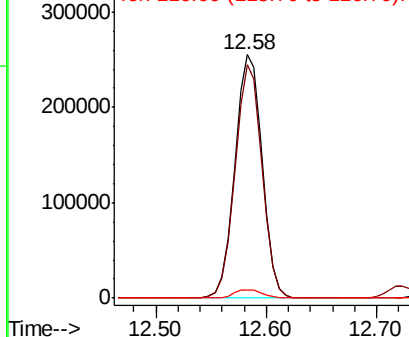
142 100

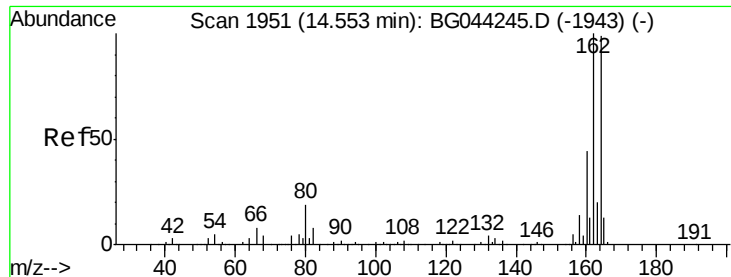
141 95.6 75.8 113.6

116 3.5 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

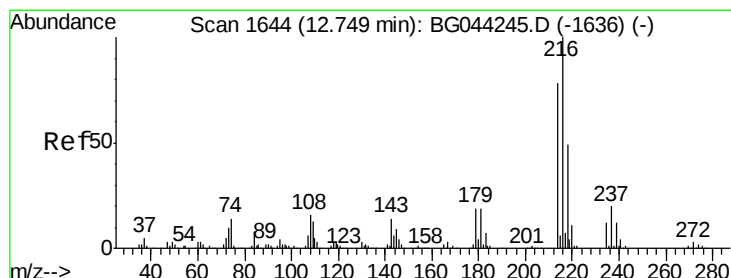
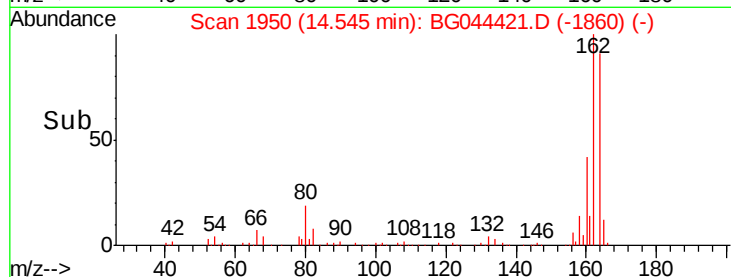
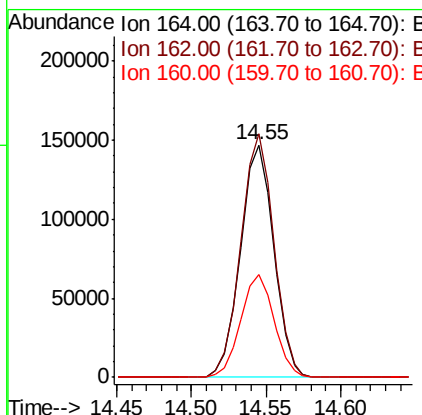
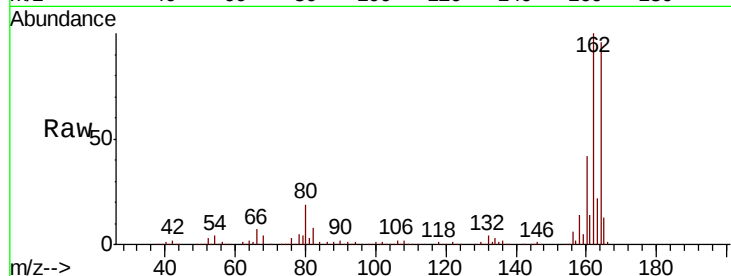




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.55 min Scan# 1950
 Delta R.T. 0.00 min
 Lab File: BG044421.D
 Acq: 13 Feb 2020 17:21

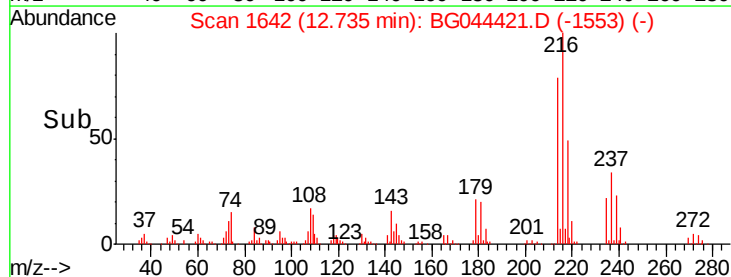
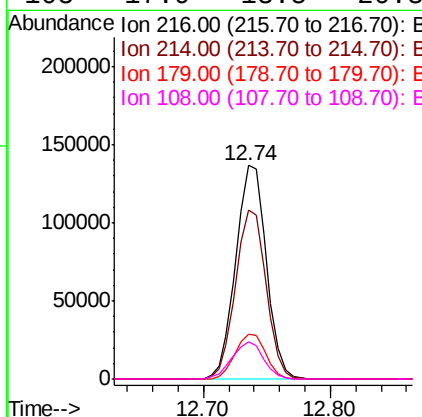
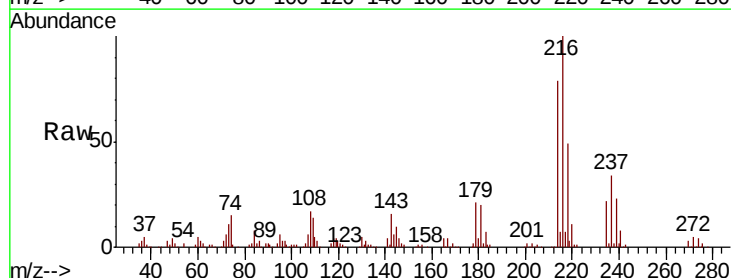
Instrument :
 BNA_G
 ClientSampleId :

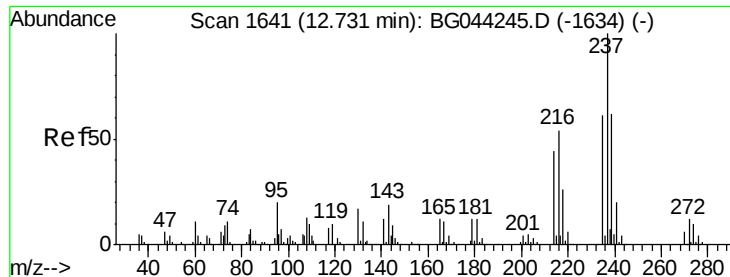
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.7	80.7	121.1
160	44.3	35.3	52.9



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.746 ng
 RT: 12.74 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BG044421.D
 Acq: 13 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.0	94.6
179	21.0	16.2	24.4
108	17.9	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 53.479 ng

RT: 12.72 min Scan# 1640

Delta R.T. 0.00 min

Lab File: BG044421.D

Acq: 13 Feb 2020 17:21

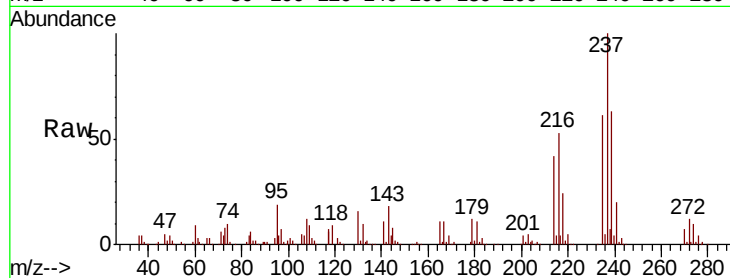
Instrument :

BNA_G

ClientSampleId :

Tot Ion:237 Resp: 173970

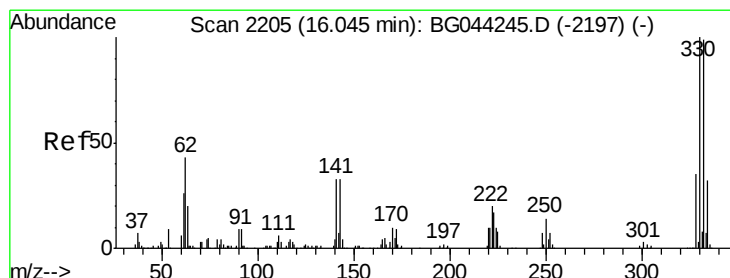
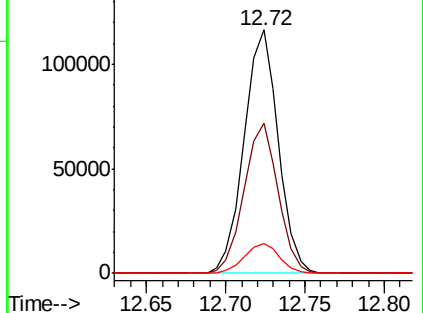
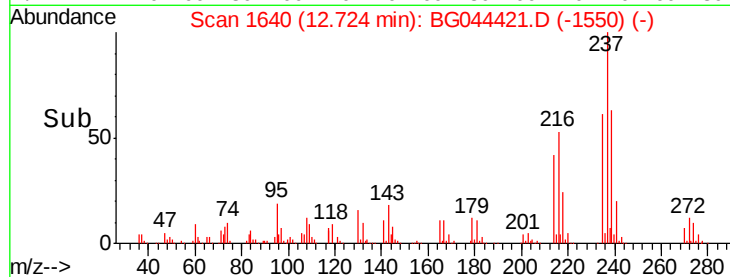
Ion	Ratio	Lower	Upper
237	100		
235	61.5	41.2	81.2
272	12.2	0.0	32.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 108.946 ng

RT: 16.03 min Scan# 2203

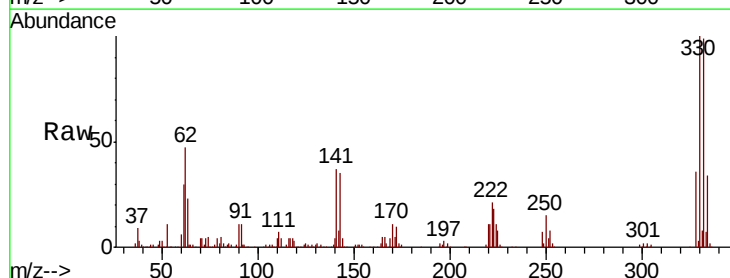
Delta R.T. 0.00 min

Lab File: BG044421.D

Acq: 13 Feb 2020 17:21

Tgt Ion:330 Resp: 289866

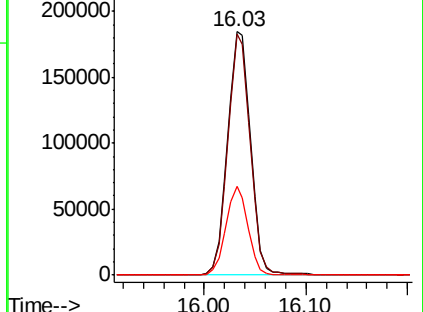
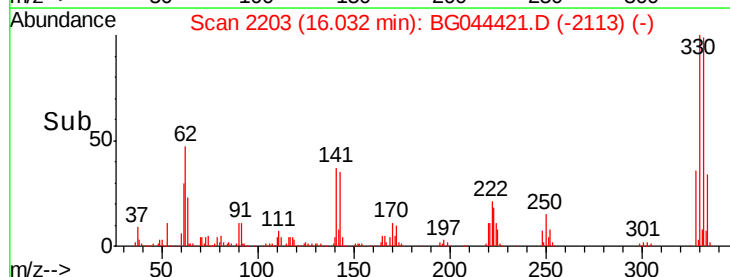
Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.2	115.8
141	35.1	28.3	42.5

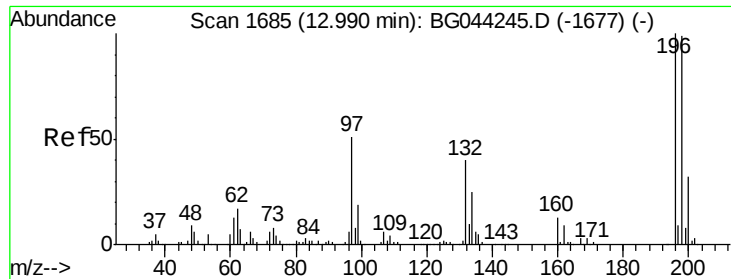


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

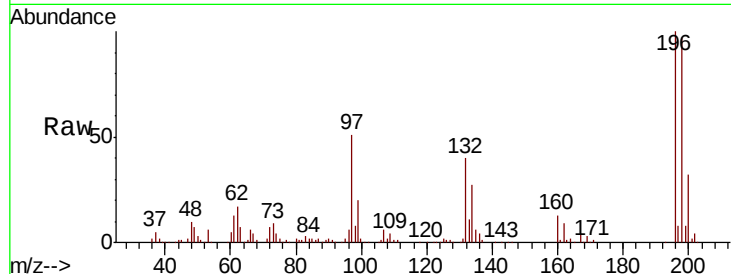




#43
 2,4,6-Trichlorophenol
 Concen: 38.300 ng
 RT: 12.98 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: BG044421.D
 Acq: 13 Feb 2020 17:21

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	167837
Ion	Ratio	Lower	Upper
196	100		
198	97.1	79.3	118.9
200	31.6	25.7	38.5

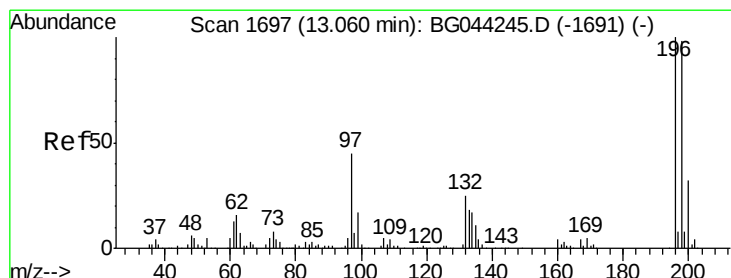
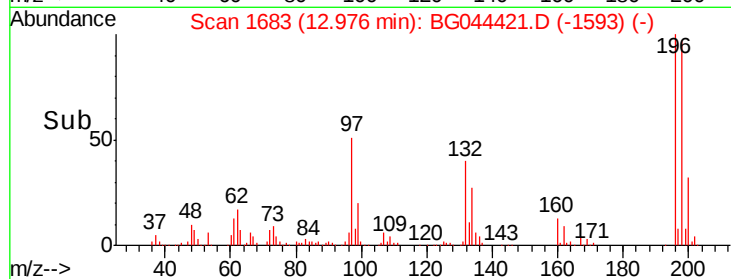
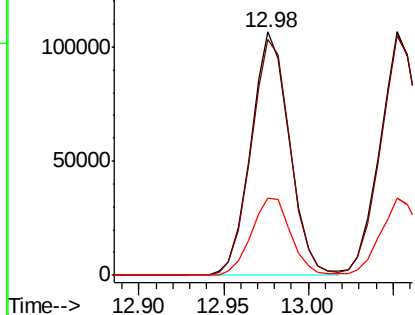


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 40.873 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BG044421.D
 Acq: 13 Feb 2020 17:21

Tgt Ion	196	Resp	182946
Ion	Ratio	Lower	Upper
196	100		
198	98.5	78.2	117.2
97	43.6	36.2	54.4
132	26.1	20.2	30.4

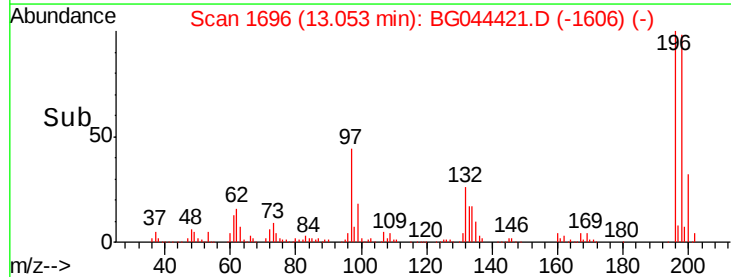
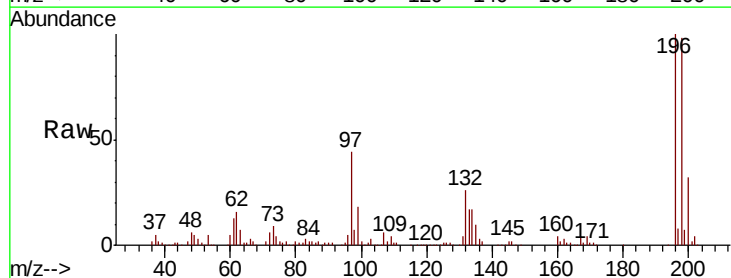
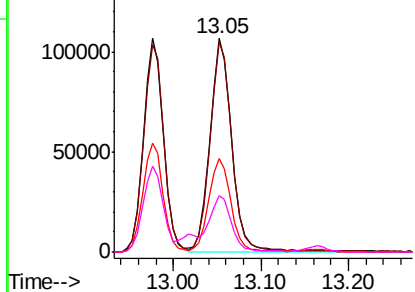
Abundance

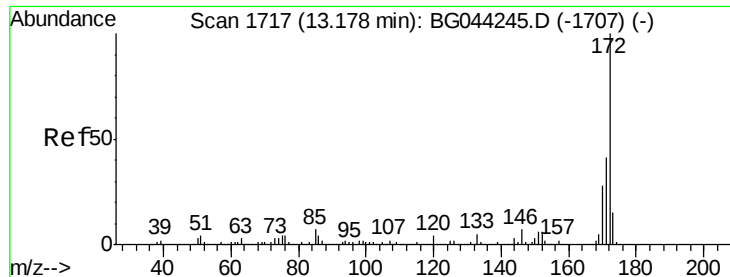
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

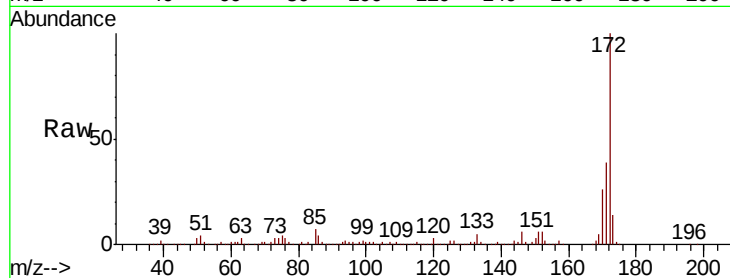




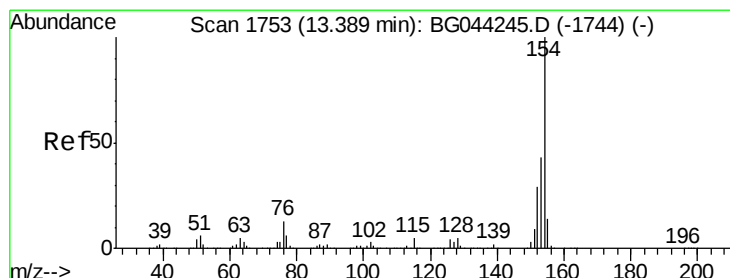
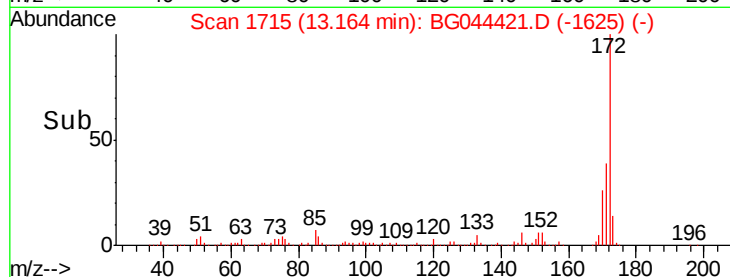
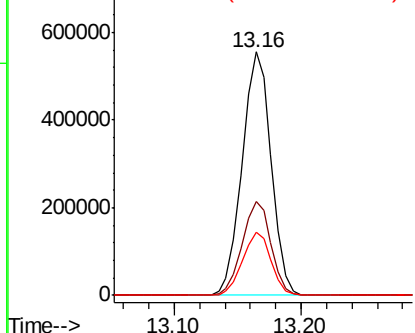
#45
2-Fluorobiphenyl
Concen: 65.005 ng
RT: 13.16 min Scan# 1715
Delta R.T. 0.00 min
Lab File: BG044421.D
Acq: 13 Feb 2020 17:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 879814
Ion Ratio Lower Upper
172 100
171 38.7 32.9 49.3
170 26.0 22.0 33.0

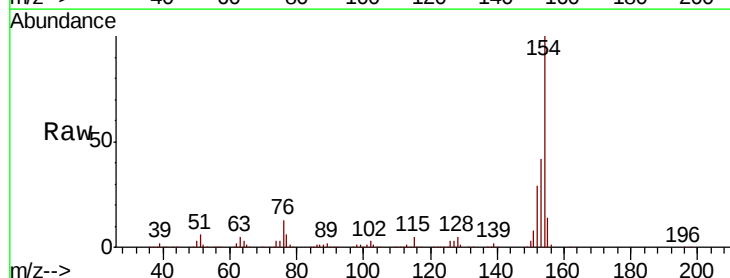


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

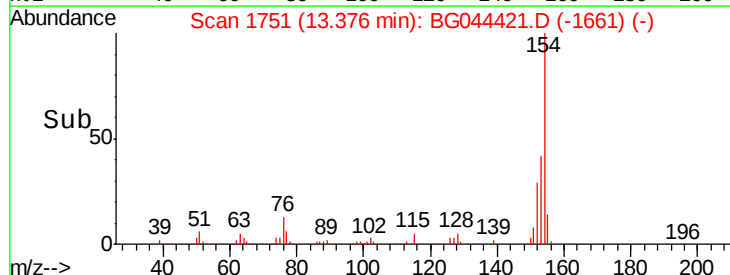
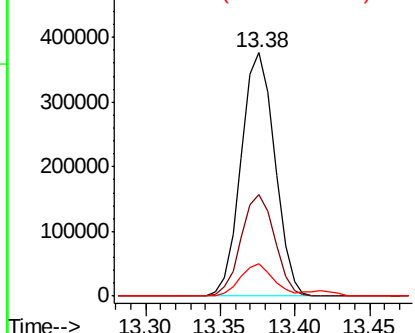


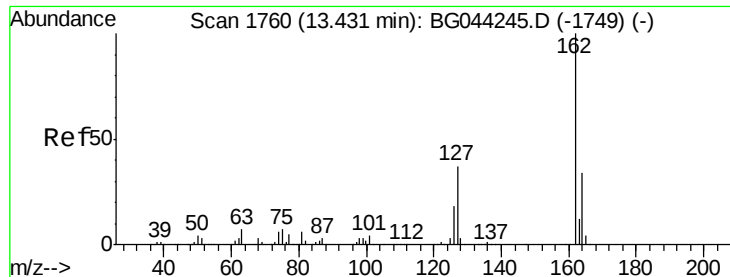
#46
1,1'-Biphenyl
Concen: 36.119 ng
RT: 13.38 min Scan# 1751
Delta R.T. 0.00 min
Lab File: BG044421.D
Acq: 13 Feb 2020 17:21

Tgt Ion:154 Resp: 590463
Ion Ratio Lower Upper
154 100
153 41.7 22.7 62.7
76 13.2 0.0 32.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG





#47

2-Chloronaphthalene

Concen: 35.755 ng

RT: 13.42 min Scan# 1758

Delta R.T. 0.00 min

Lab File: BG044421.D

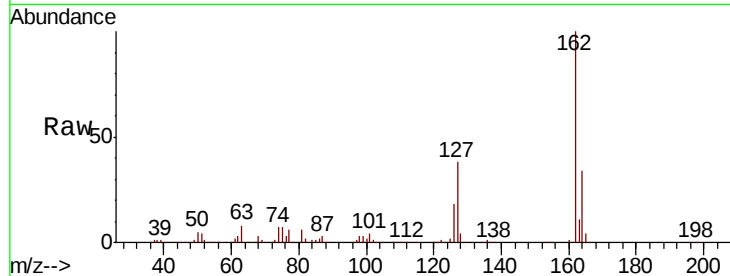
Acq: 13 Feb 2020 17:21

Instrument :

BNA_G

ClientSampleId :

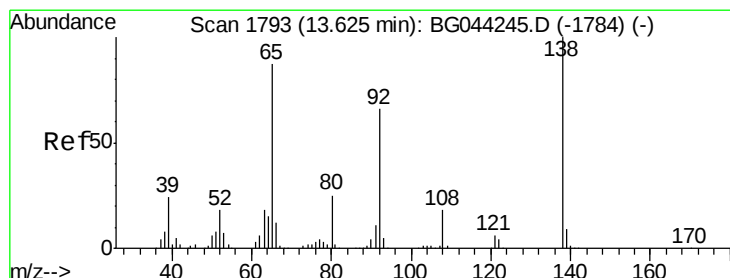
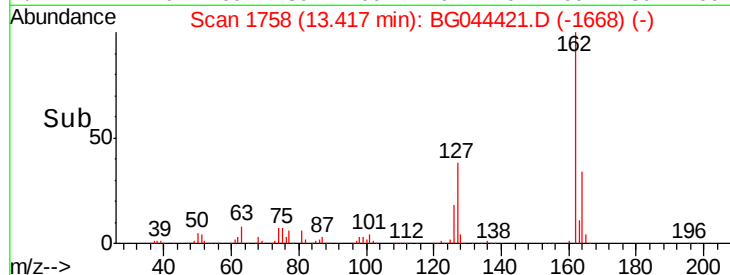
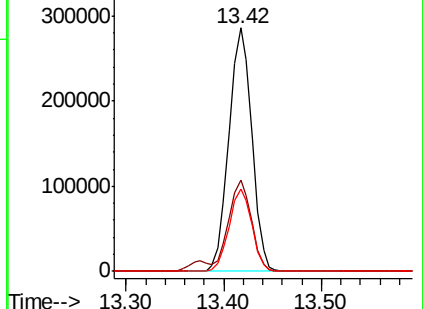
Tot Ion:162	Resp:	465130
Ion Ratio	Lower	Upper
162	100	
127	37.7	30.0 45.0
164	34.0	27.2 40.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 36.472 ng

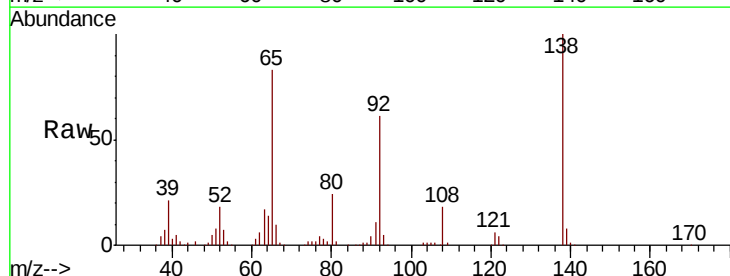
RT: 13.62 min Scan# 1792

Delta R.T. 0.00 min

Lab File: BG044421.D

Acq: 13 Feb 2020 17:21

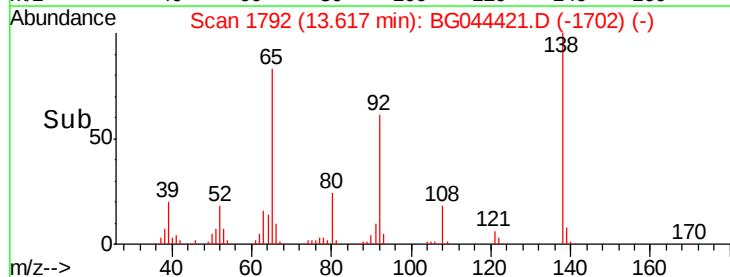
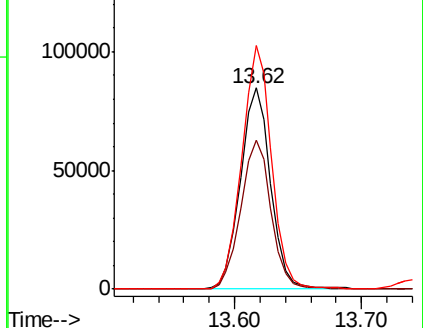
Tgt Ion: 65	Resp:	140024
Ion Ratio	Lower	Upper
65	100	
92	73.7	60.3 90.5
138	121.1	91.9 137.9

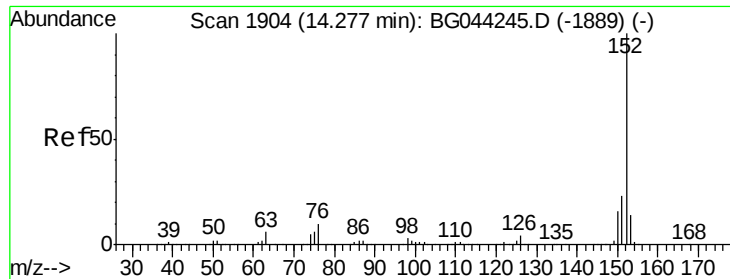


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.857 ng

RT: 14.26 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BG044421.D

Acq: 13 Feb 2020 17:21

Instrument :

BNA_G

ClientSampleId :

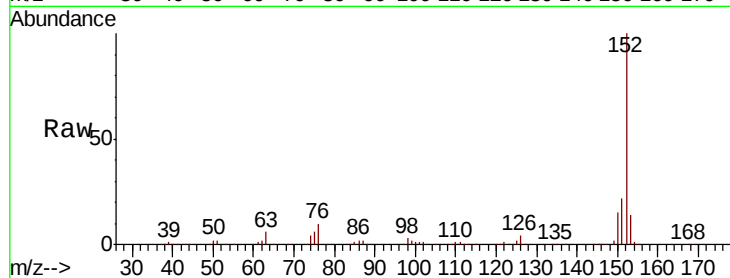
Tot Ion:152 Resp: 741402

Ion Ratio Lower Upper

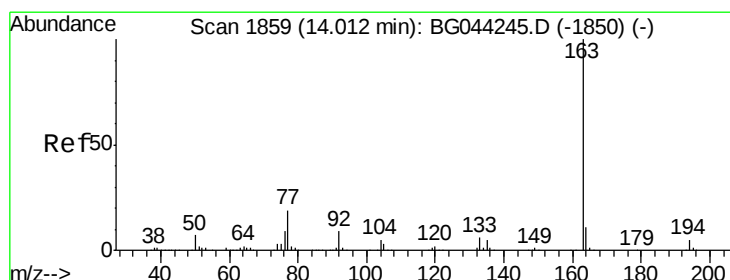
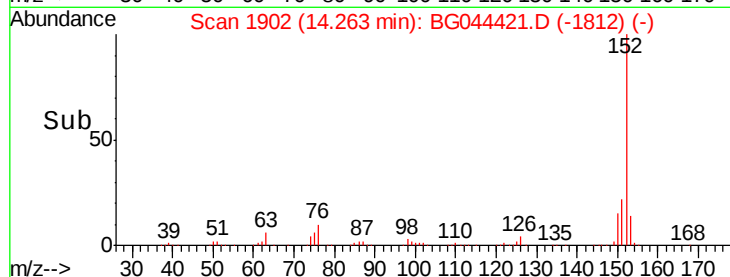
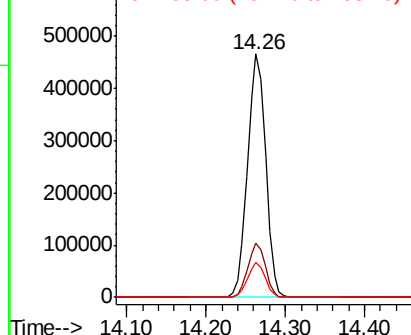
152 100

151 22.0 18.1 27.1

153 14.2 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: 37.557 ng

RT: 14.00 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BG044421.D

Acq: 13 Feb 2020 17:21

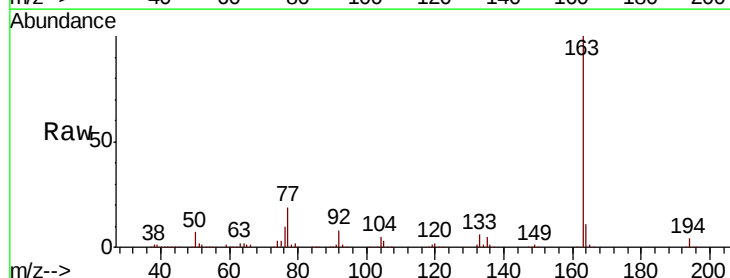
Tgt Ion:163 Resp: 611873

Ion Ratio Lower Upper

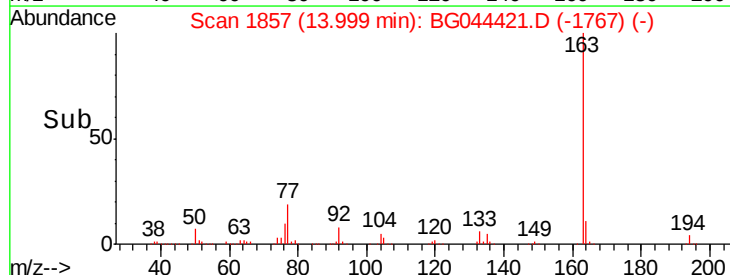
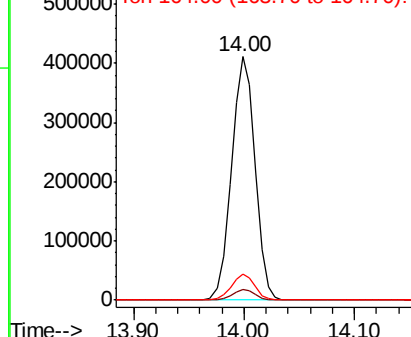
163 100

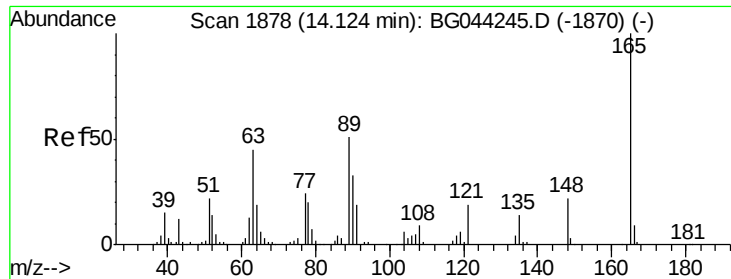
194 4.1 3.6 5.4

164 10.9 8.7 13.1



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





#51

2,6-Dinitrotoluene

Concen: 38.041 ng

RT: 14.12 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BG044421.D

Acq: 13 Feb 2020 17:21

Instrument :

BNA_G

ClientSampled :

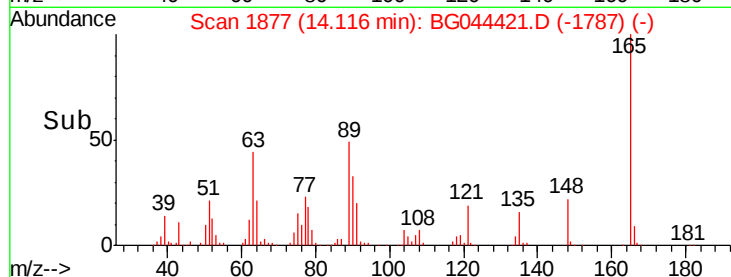
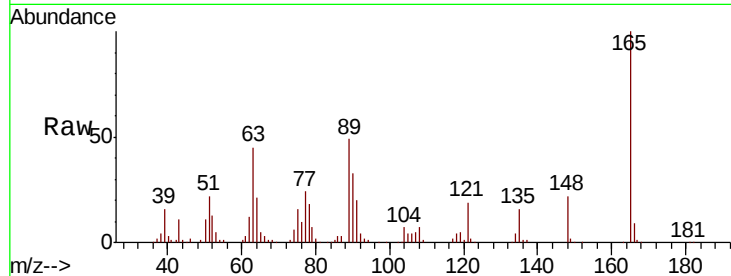
Tot Ion:165 Resp: 138184

Ion Ratio Lower Upper

165 100

63 44.8 38.7 58.1

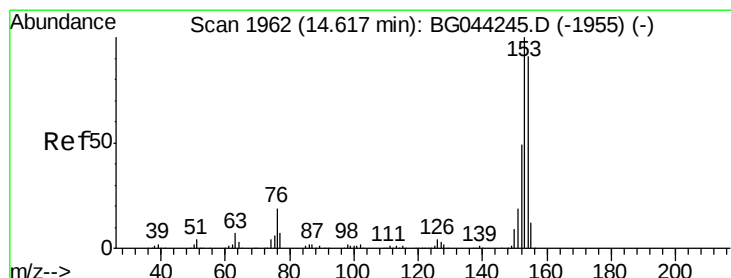
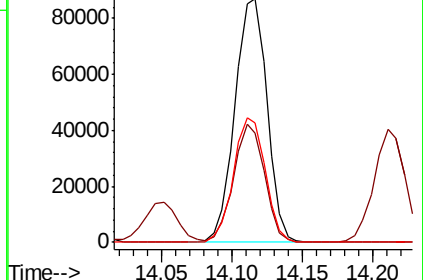
89 49.3 40.4 60.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 36.703 ng

RT: 14.61 min Scan# 1961

Delta R.T. 0.00 min

Lab File: BG044421.D

Acq: 13 Feb 2020 17:21

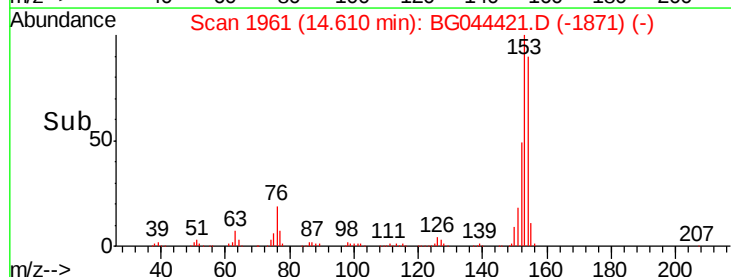
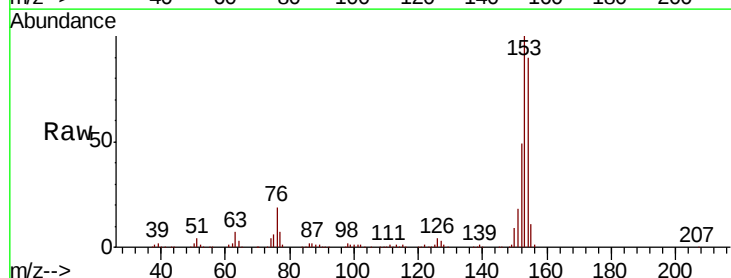
Tgt Ion:154 Resp: 453924

Ion Ratio Lower Upper

154 100

153 110.9 87.9 131.9

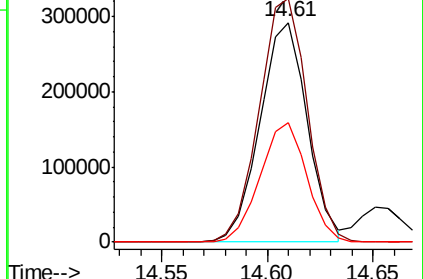
152 54.1 43.1 64.7

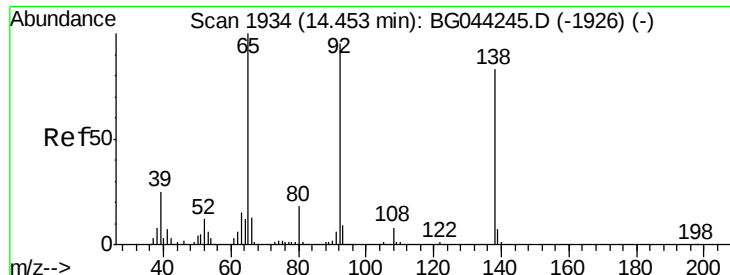


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

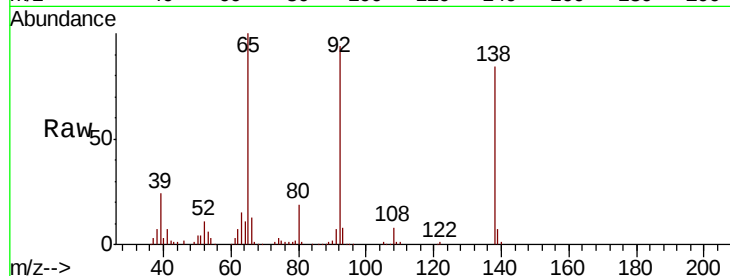




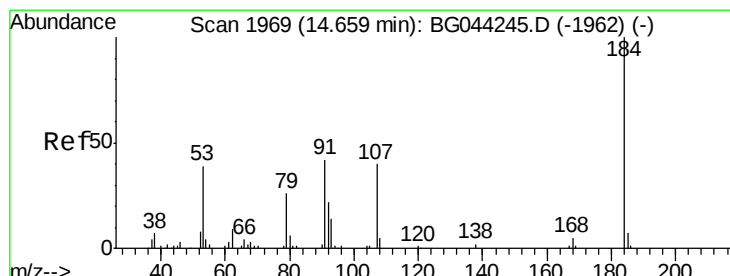
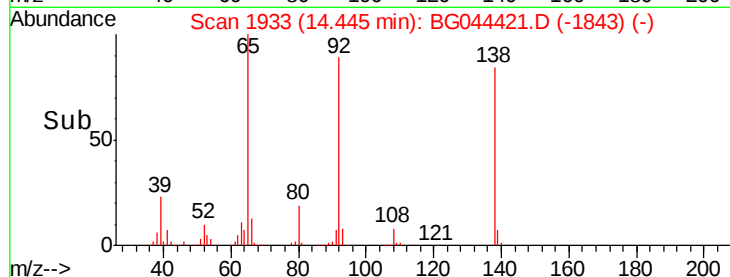
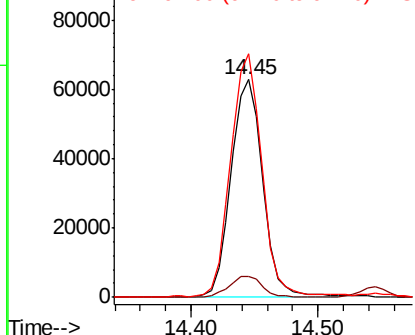
#53
 3-Nitroaniline
 Concen: 27.080 ng
 RT: 14.45 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: BG044421.D
 Acq: 13 Feb 2020 17:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:138 Resp: 108831
 Ion Ratio Lower Upper
 138 100
 108 9.4 7.9 11.9
 92 111.8 91.0 136.4

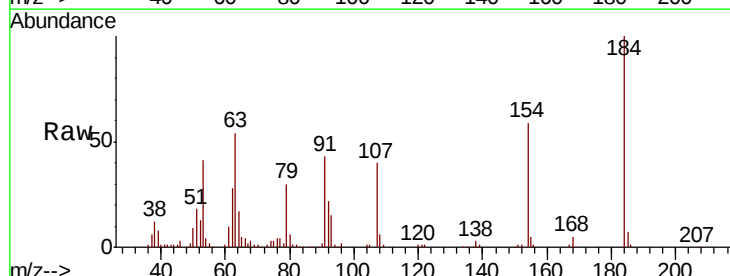


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGC

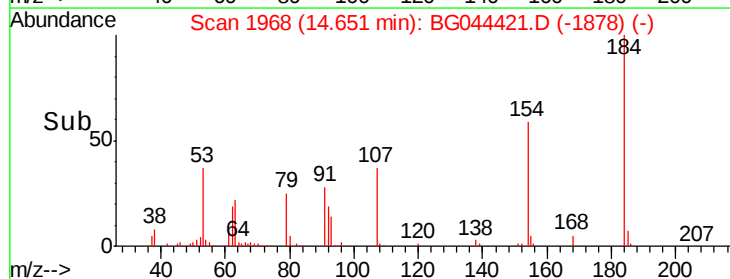
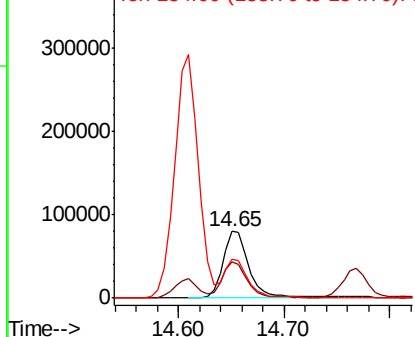


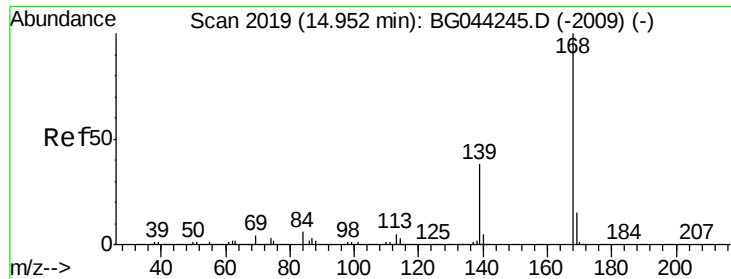
#54
 2,4-Dinitrophenol
 Concen: 65.924 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: BG044421.D
 Acq: 13 Feb 2020 17:21

Tgt Ion:184 Resp: 138704
 Ion Ratio Lower Upper
 184 100
 63 54.1 44.1 66.1
 154 58.7 45.4 68.0



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

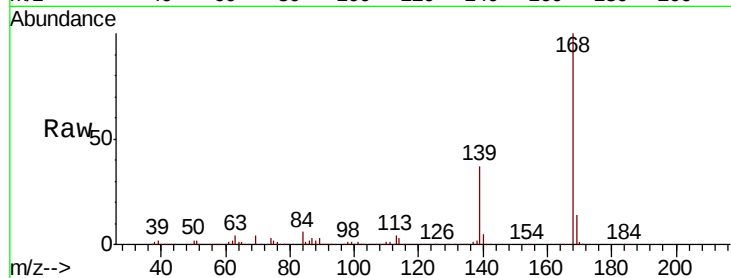




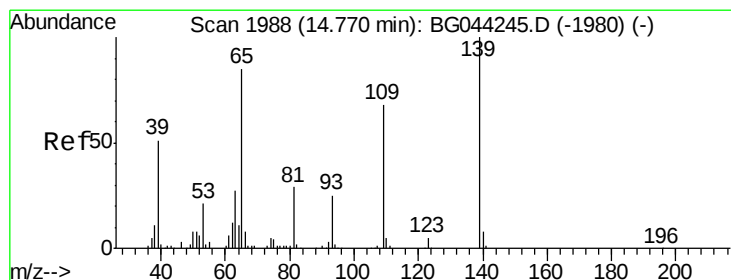
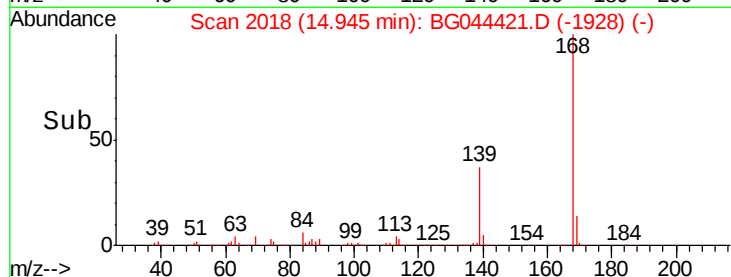
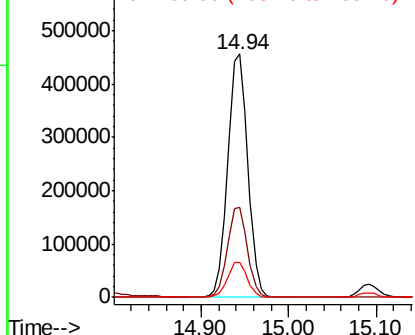
#55
Dibenzofuran
Concen: 38.393 ng
RT: 14.94 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BG044421.D
Acq: 13 Feb 2020 17:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 718903
Ion Ratio Lower Upper
168 100
139 36.8 30.5 45.7
169 14.3 11.7 17.5

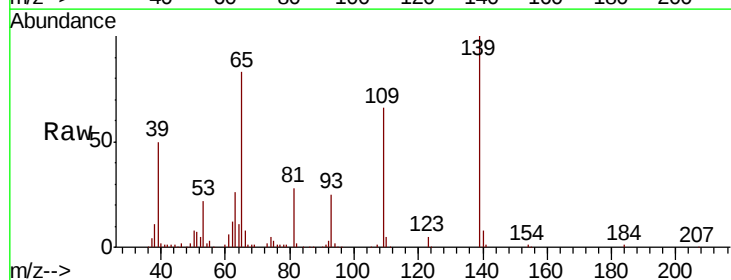


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

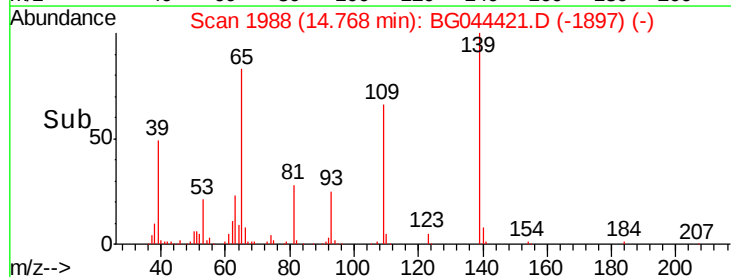
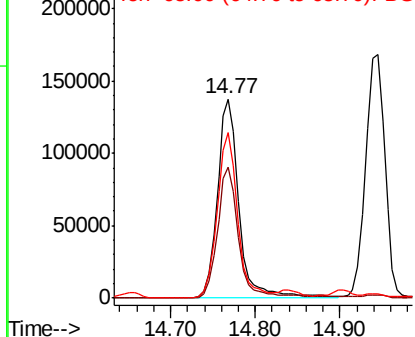


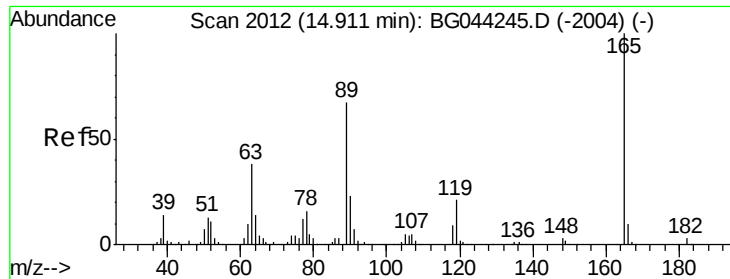
#56
4-Nitrophenol
Concen: 83.475 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.01 min
Lab File: BG044421.D
Acq: 13 Feb 2020 17:21

Tgt Ion:139 Resp: 245734
Ion Ratio Lower Upper
139 100
109 65.6 47.5 87.5
65 83.5 64.9 104.9



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

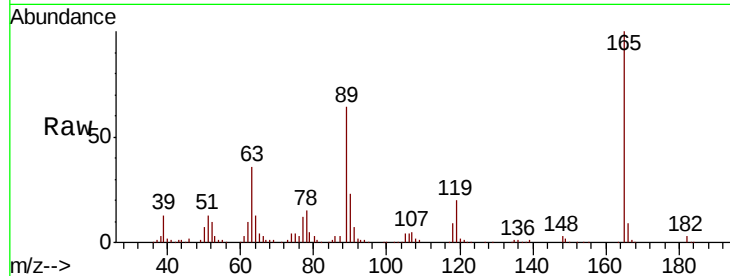




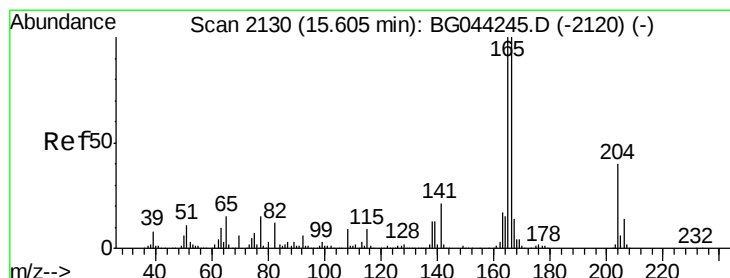
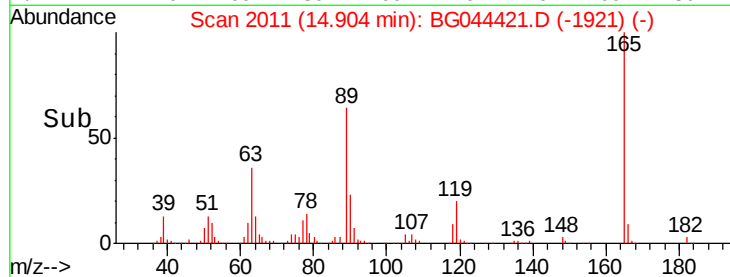
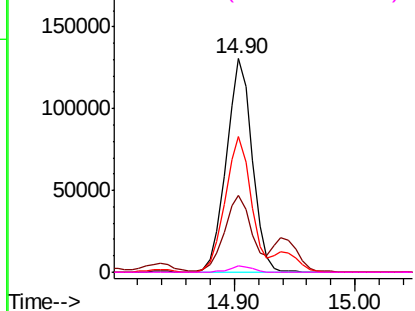
#57
2,4-Dinitrotoluene
Concen: 38.082 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG044421.D
Acq: 13 Feb 2020 17:21

Instrument :
BNA_G
ClientSampled :

Tot Ion:165	Resp:	193883
Ion	Ratio	Lower Upper
165	100	
63	36.2	30.3 45.5
89	63.7	53.4 80.2
182	2.8	2.1 3.1

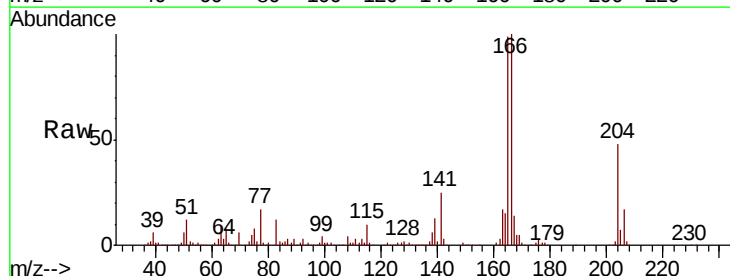


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

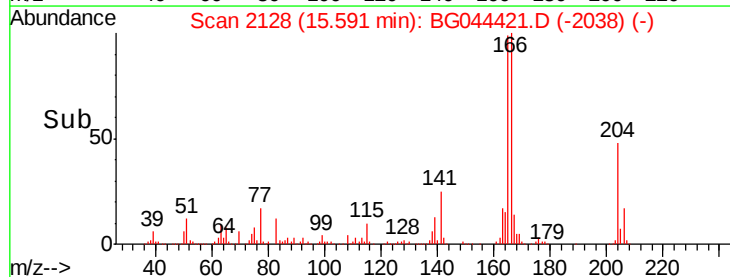
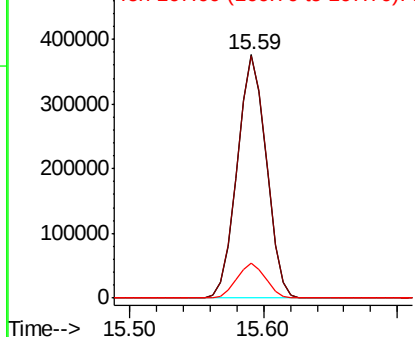


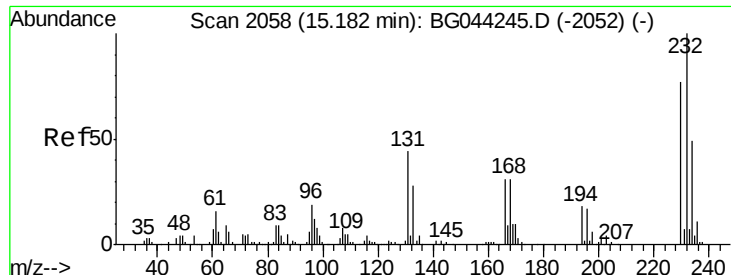
#58
Fluorene
Concen: 38.369 ng
RT: 15.59 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BG044421.D
Acq: 13 Feb 2020 17:21

Tgt Ion:166	Resp:	565869
Ion	Ratio	Lower Upper
166	100	
165	99.5	79.9 119.9
167	14.1	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

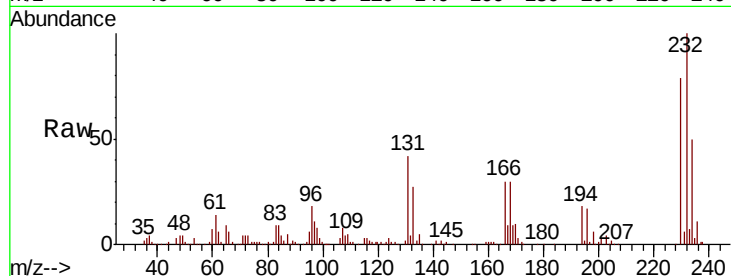




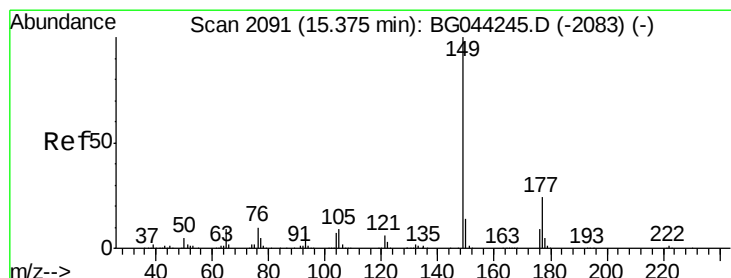
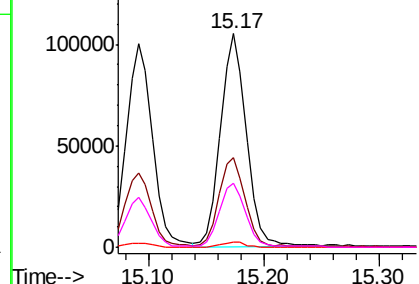
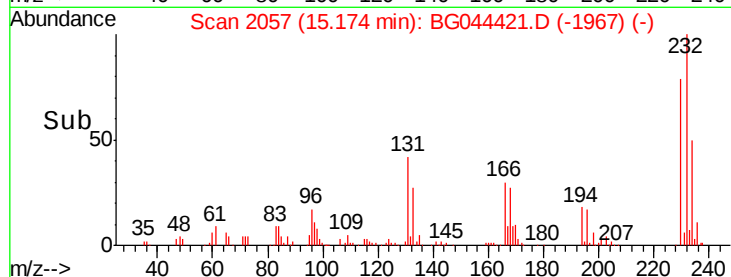
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.145 ng
 RT: 15.17 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: BG044421.D
 Acq: 13 Feb 2020 17:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	162303
Ion Ratio	Lower	Upper
232	100	
131	43.2	34.2 51.4
130	2.3	1.8 2.8
166	30.7	23.8 35.8

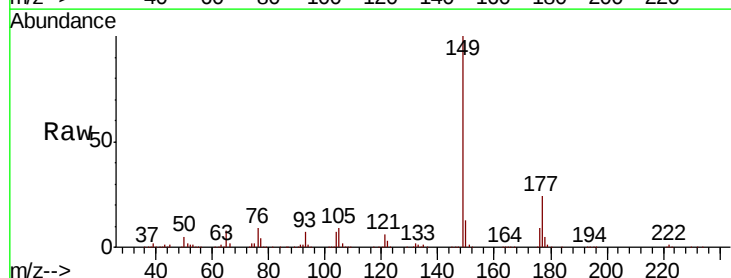


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

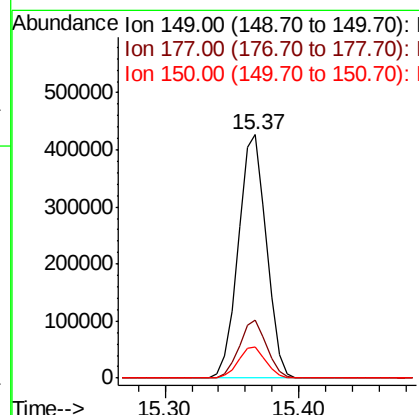
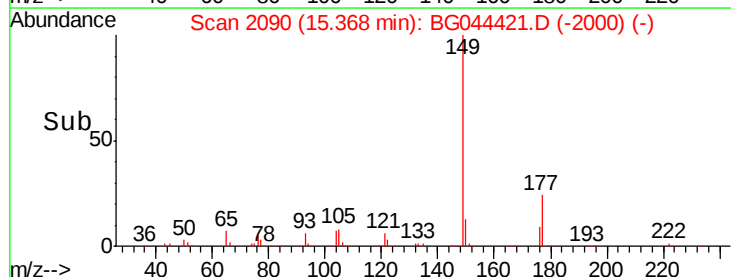


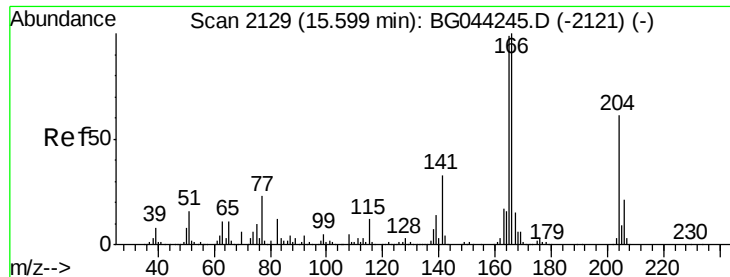
#60
 Diethylphthalate
 Concen: 38.188 ng
 RT: 15.37 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: BG044421.D
 Acq: 13 Feb 2020 17:21

Tgt Ion:149	Resp:	619919
Ion Ratio	Lower	Upper
149	100	
177	24.0	19.4 29.0
150	12.8	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

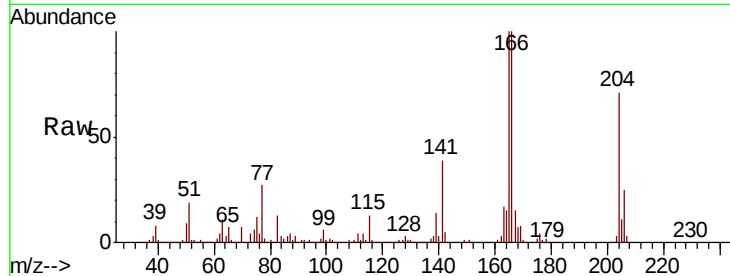




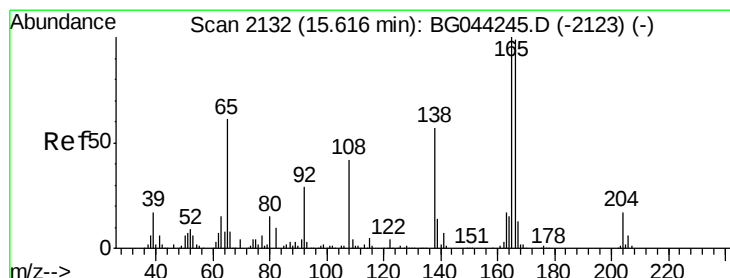
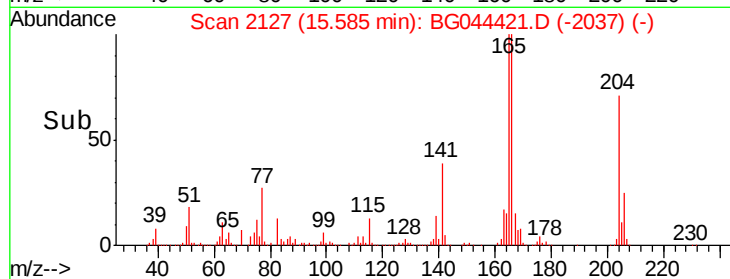
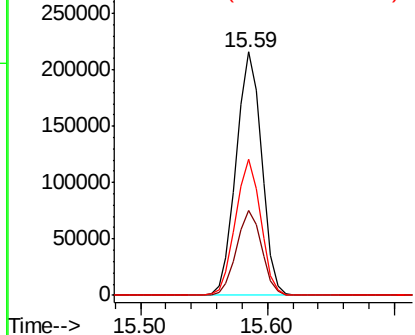
#61
4-Chlorophenyl-phenylether
Concen: 37.432 ng
RT: 15.59 min Scan# 2127
Delta R.T. 0.00 min
Lab File: BG044421.D
Acq: 13 Feb 2020 17:21

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.1	27.6	41.4
141	55.9	43.4	65.0

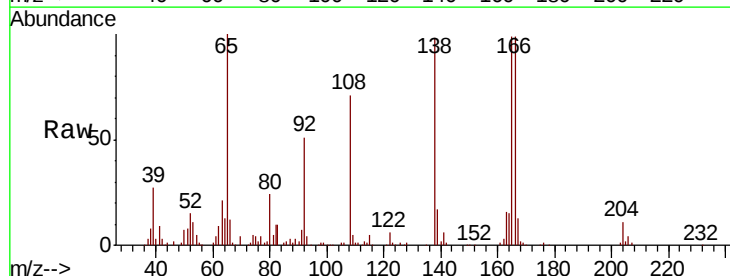


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

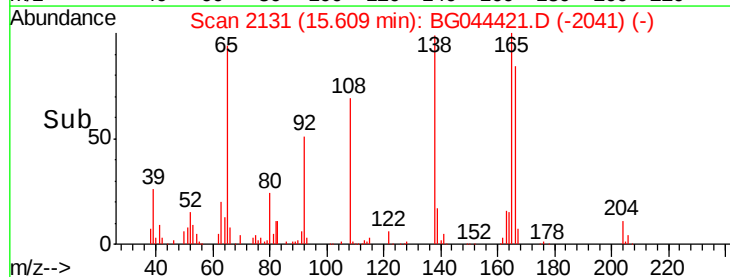
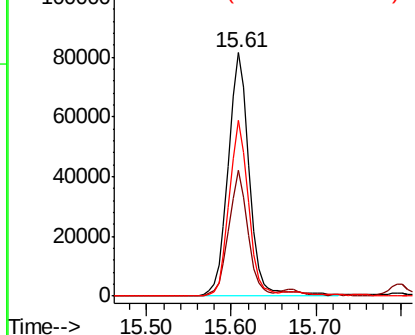


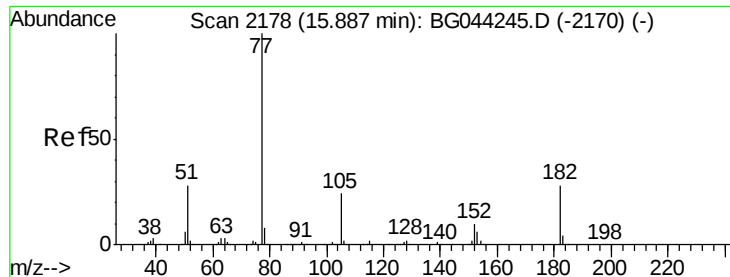
#62
4-Nitroaniline
Concen: 35.093 ng
RT: 15.61 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG044421.D
Acq: 13 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.6	31.3	71.3
108	72.2	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

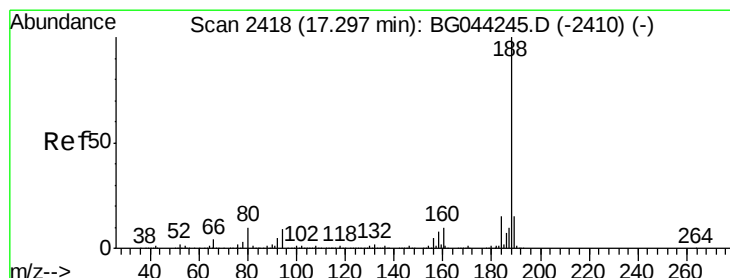
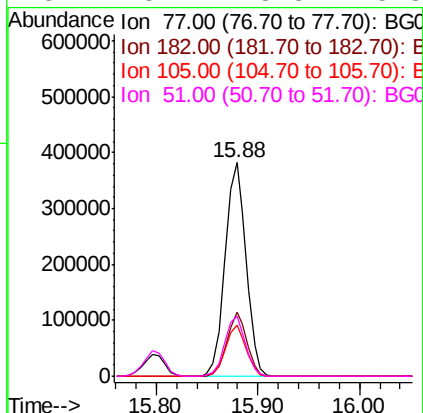
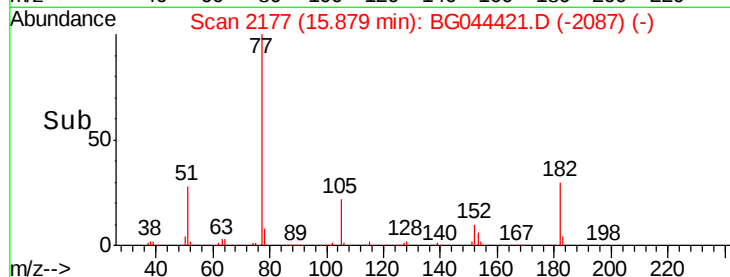
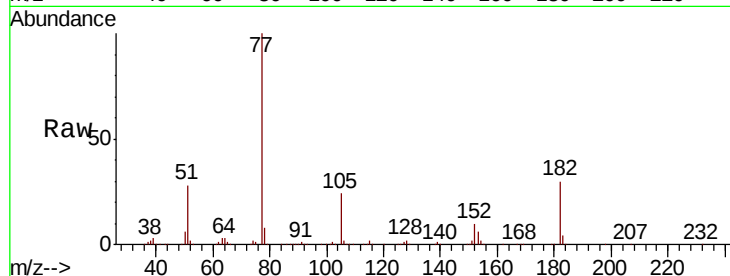




#63
Azobenzene
Concen: 38.270 ng
RT: 15.88 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BG044421.D
Acq: 13 Feb 2020 17:21

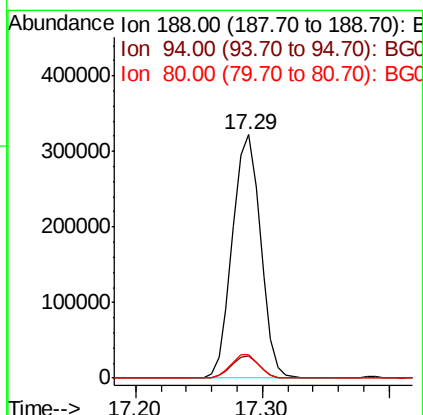
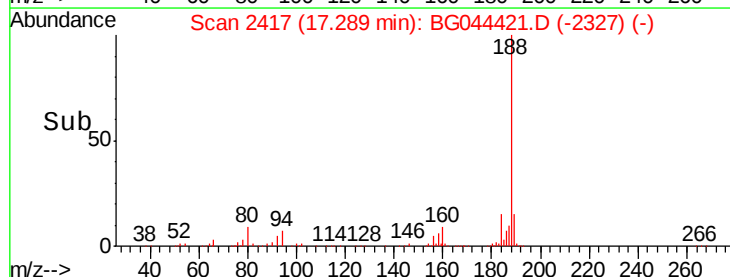
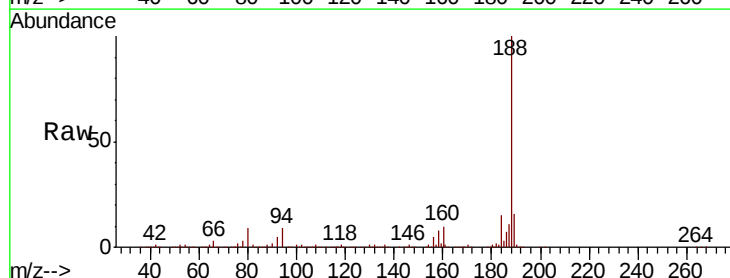
Instrument :
BNA_G
ClientSampleId :

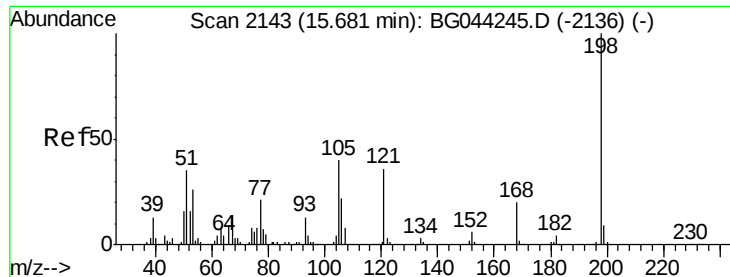
Tot Ion:	77	Resp:	544485
Ion	Ratio	Lower	Upper
77	100		
182	29.8	8.2	48.2
105	24.2	3.6	43.6
51	28.1	8.3	48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2417
Delta R.T. 0.00 min
Lab File: BG044421.D
Acq: 13 Feb 2020 17:21

Tgt Ion:	188	Resp:	496626
Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.4	11.2
80	9.4	7.7	11.5

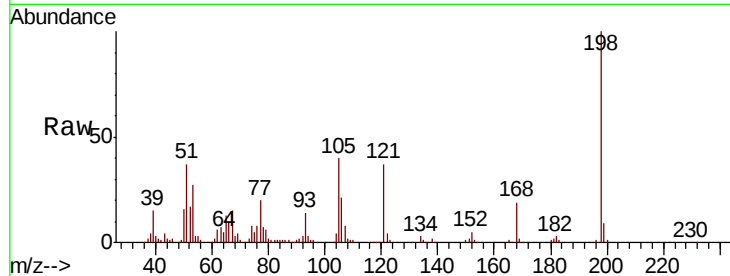




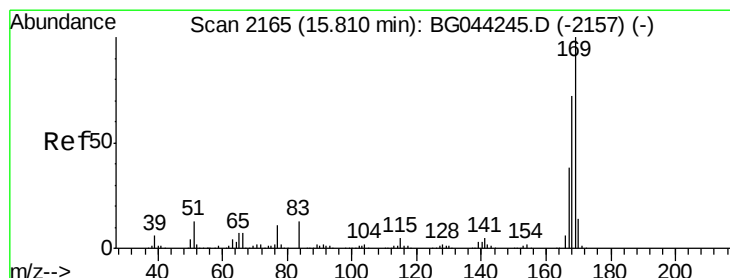
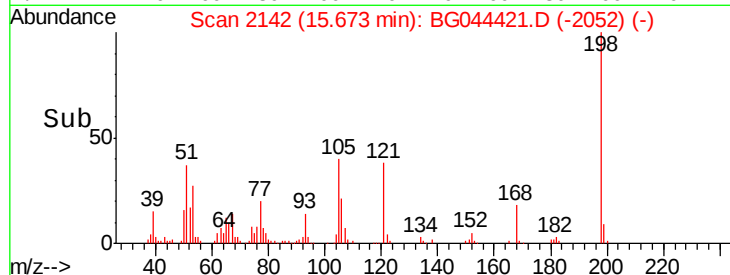
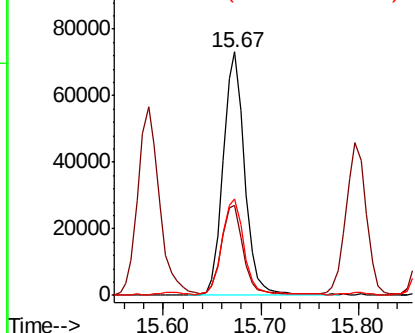
#65
4,6-Dinitro-2-methylphenol
Concen: 40.768 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG044421.D
Acq: 13 Feb 2020 17:21

Instrument :
BNA_G
ClientSampled :

Tot Ion:198 Resp: 111761
Ion Ratio Lower Upper
198 100
51 36.8 16.6 56.6
105 39.6 20.6 60.6

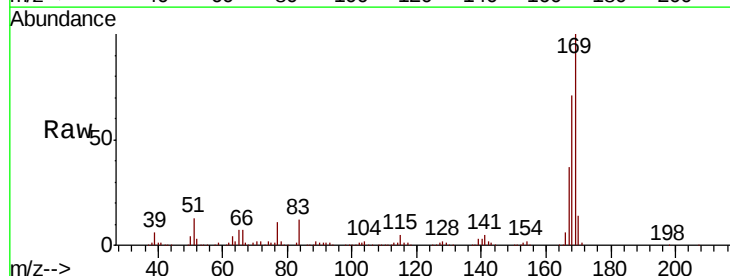


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

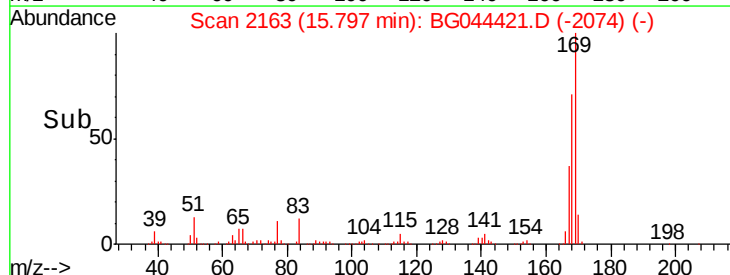
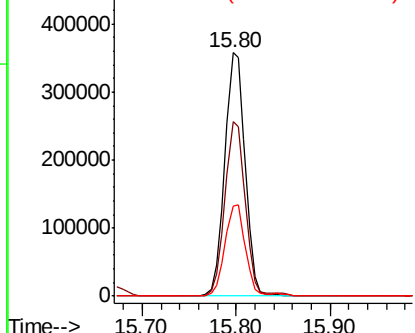


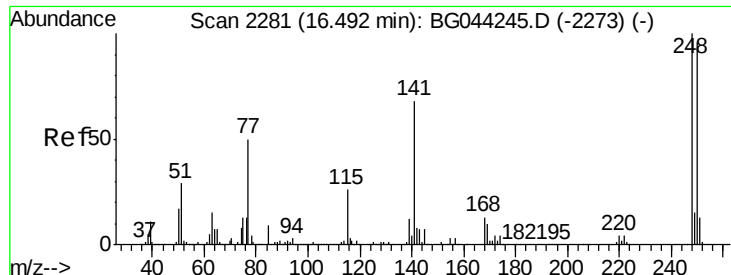
#66
n-Nitrosodiphenylamine
Concen: 38.614 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG044421.D
Acq: 13 Feb 2020 17:21

Tgt Ion:169 Resp: 537410
Ion Ratio Lower Upper
169 100
168 71.4 57.9 86.9
167 37.2 30.7 46.1



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

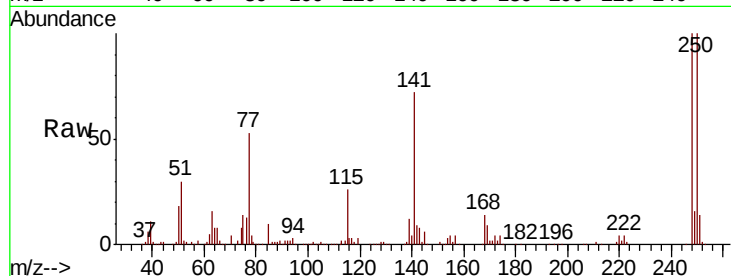




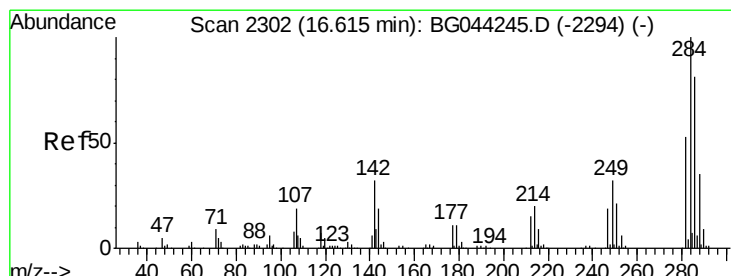
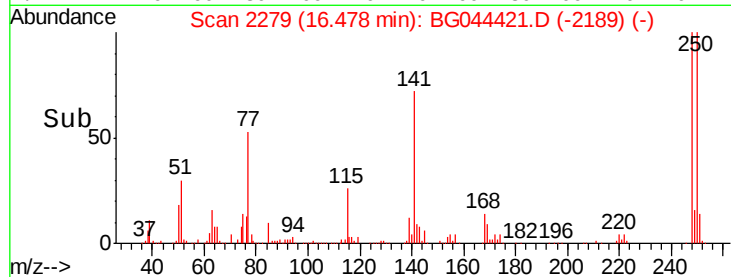
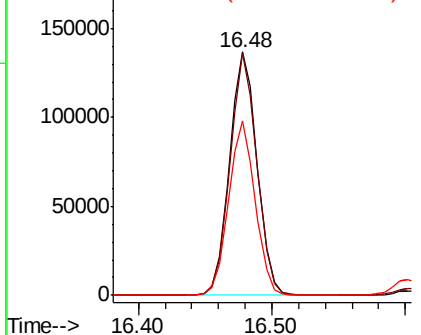
#67
 4-Bromophenyl-phenylether
 Concen: 36.291 ng
 RT: 16.48 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BG044421.D
 Acq: 13 Feb 2020 17:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.6	76.6	114.8
141	71.7	54.7	82.1

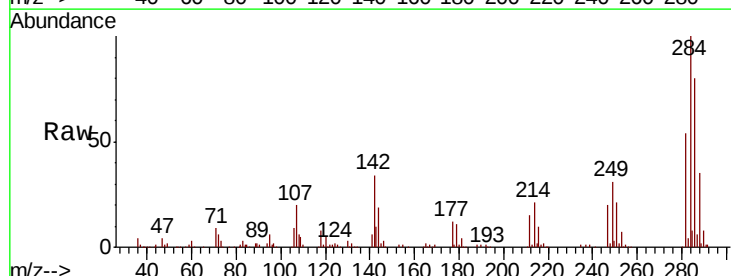


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

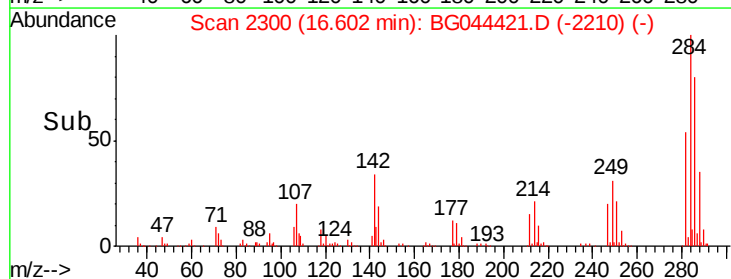
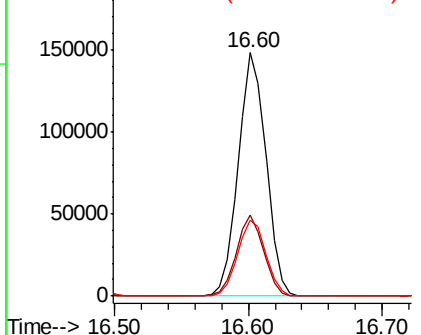


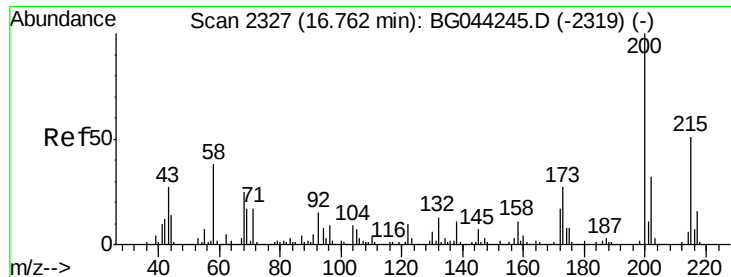
#68
 Hexachlorobenzene
 Concen: 35.087 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: BG044421.D
 Acq: 13 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.5	25.3	37.9
249	31.1	25.5	38.3



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





#69

Atrazine

Concen: 40.123 ng

RT: 16.75 min Scan# 2325

Delta R.T. -0.01 min

Lab File: BG044421.D

Acq: 13 Feb 2020 17:21

Instrument :

BNA_G

ClientSampleId :

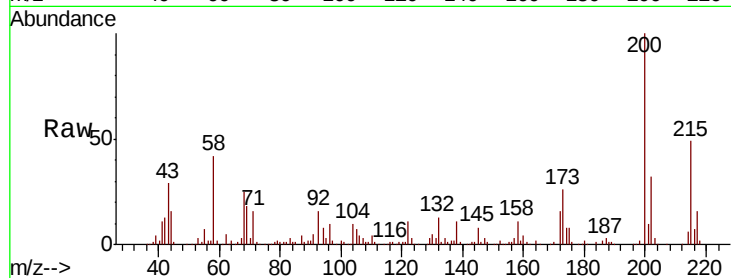
Tot Ion:200 Resp: 191401

Ion Ratio Lower Upper

200 100

173 25.9 6.6 46.6

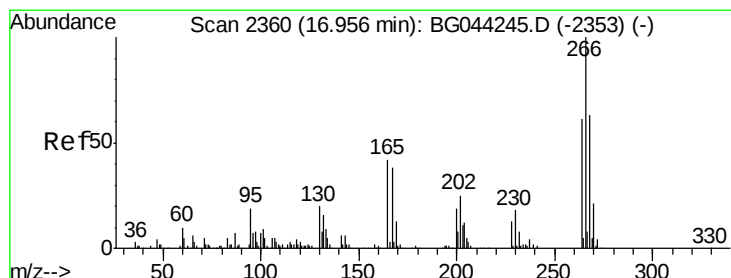
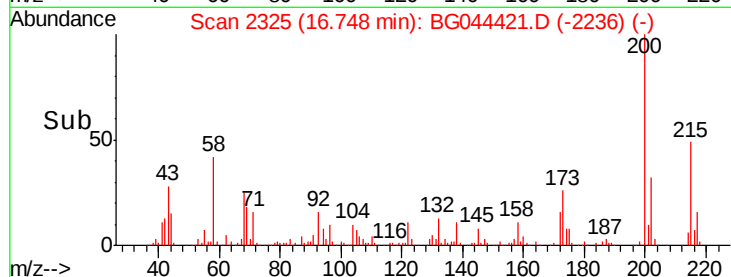
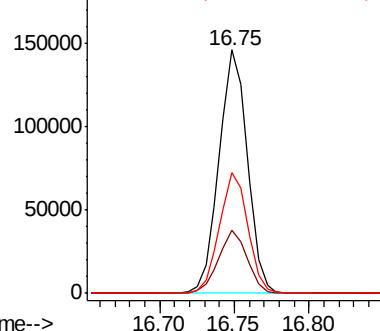
215 49.4 31.0 71.0



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: 73.081 ng

RT: 16.95 min Scan# 2359

Delta R.T. 0.00 min

Lab File: BG044421.D

Acq: 13 Feb 2020 17:21

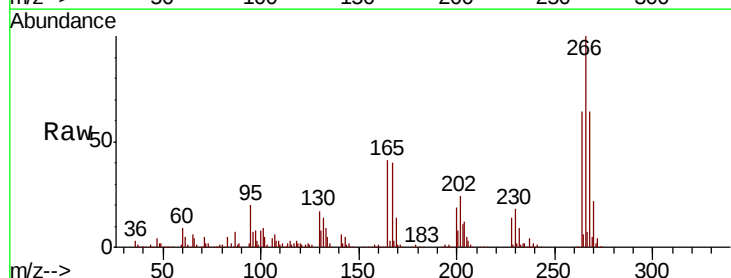
Tgt Ion:266 Resp: 223151

Ion Ratio Lower Upper

266 100

268 64.4 50.6 75.8

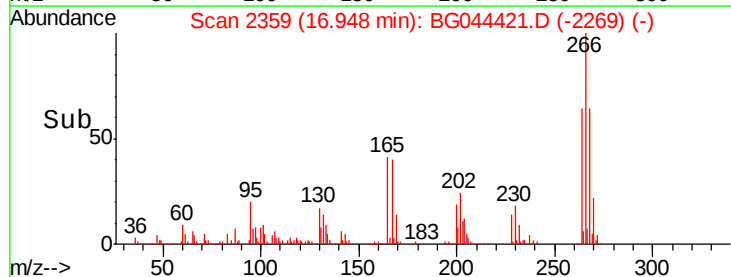
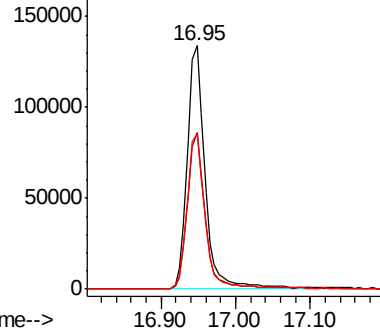
264 63.5 48.7 73.1

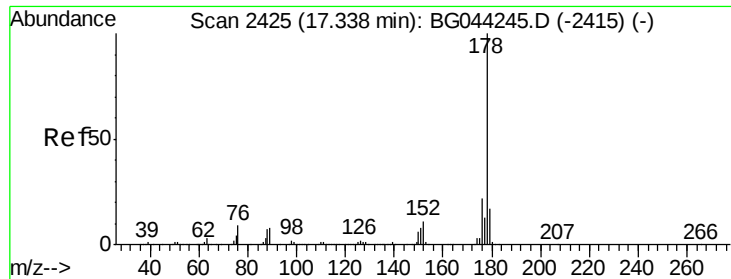


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

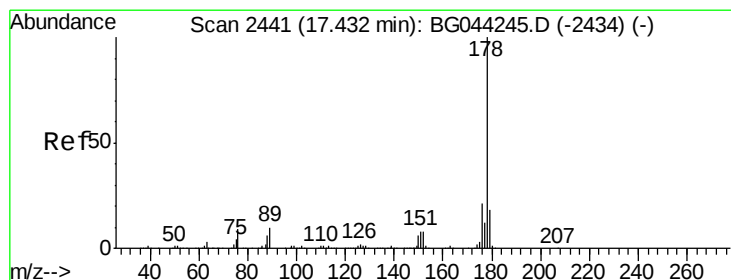
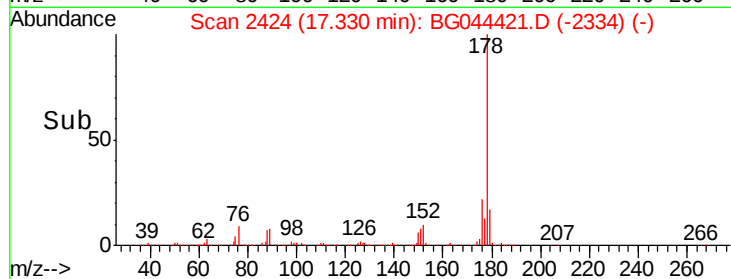
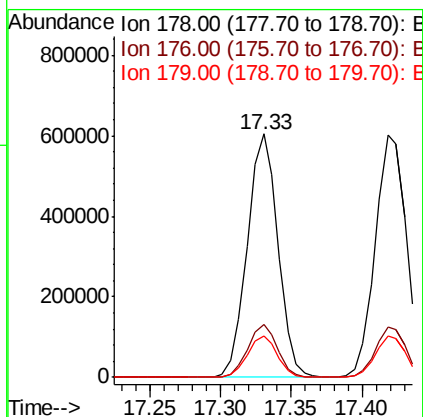
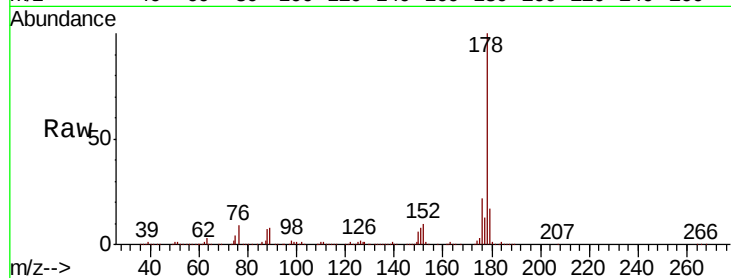




#71
Phenanthrene
Concen: 38.346 ng
RT: 17.33 min Scan# 2424
Delta R.T. 0.00 min
Lab File: BG044421.D
Acq: 13 Feb 2020 17:21

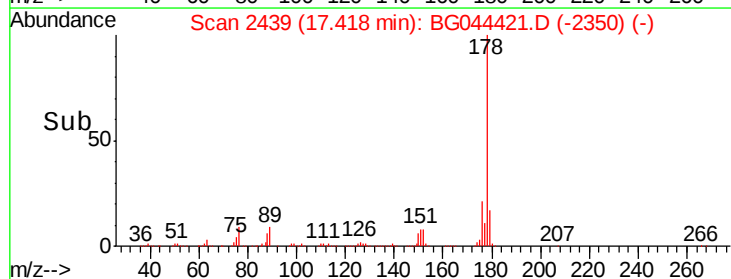
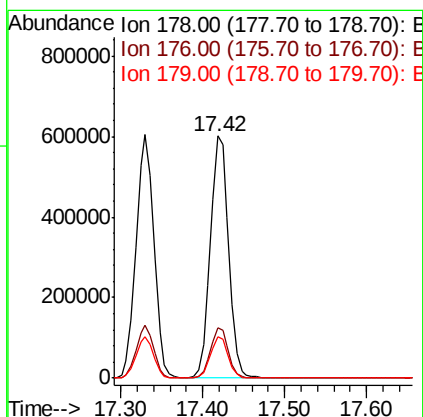
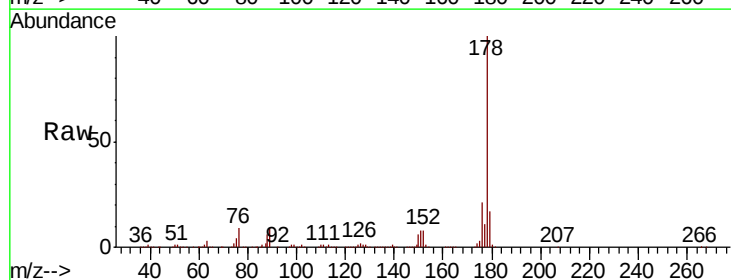
Instrument :
BNA_G
ClientSampleId :

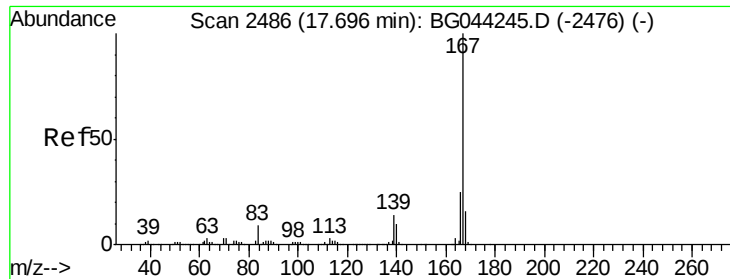
Tot Ion:178 Resp: 922157
Ion Ratio Lower Upper
178 100
176 21.7 17.7 26.5
179 16.9 13.7 20.5



#72
Anthracene
Concen: 39.164 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044421.D
Acq: 13 Feb 2020 17:21

Tgt Ion:178 Resp: 931145
Ion Ratio Lower Upper
178 100
176 21.0 17.0 25.4
179 17.1 14.4 21.6





#73

Carbazole

Concen: 38.612 ng

RT: 17.69 min Scan# 2485

Delta R.T. 0.00 min

Lab File: BG044421.D

Acq: 13 Feb 2020 17:21

Instrument :

BNA_G

ClientSampleId :

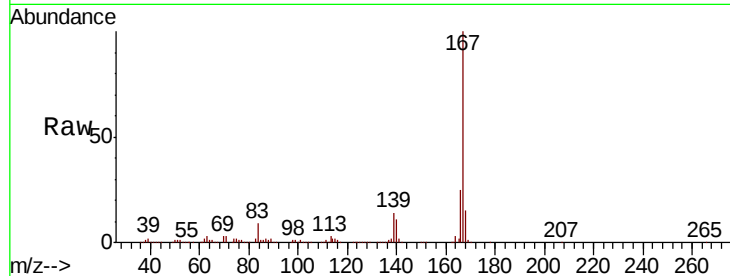
Tot Ion:167 Resp: 846316

Ion Ratio Lower Upper

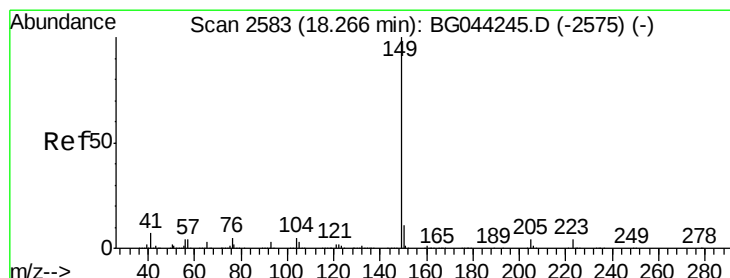
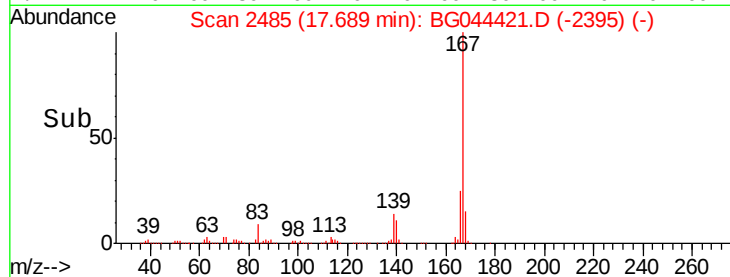
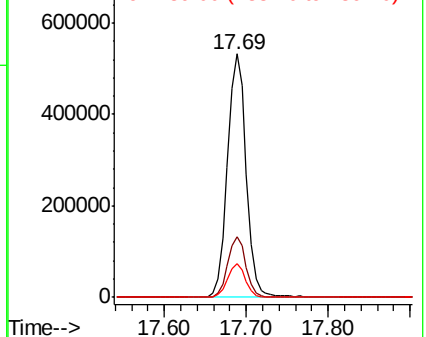
167 100

166 24.9 19.8 29.6

139 13.8 11.1 16.7



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



#74

Di-n-butylphthalate

Concen: 38.731 ng

RT: 18.25 min Scan# 2581

Delta R.T. -0.01 min

Lab File: BG044421.D

Acq: 13 Feb 2020 17:21

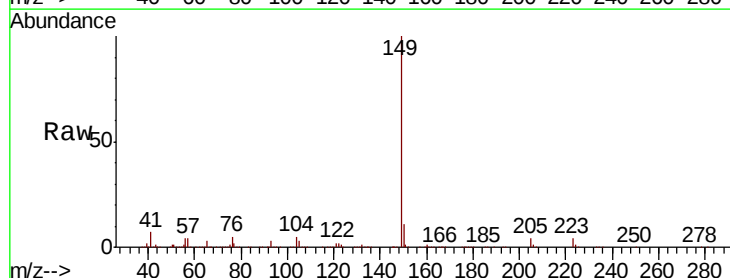
Tgt Ion:149 Resp: 1049054

Ion Ratio Lower Upper

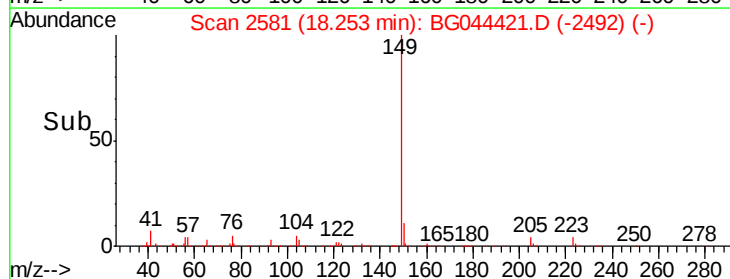
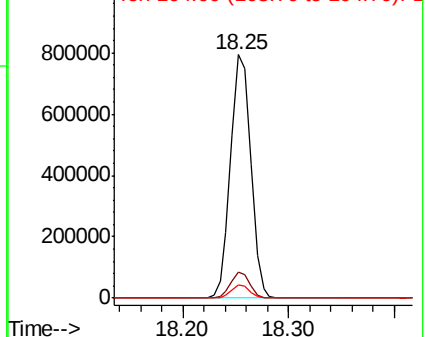
149 100

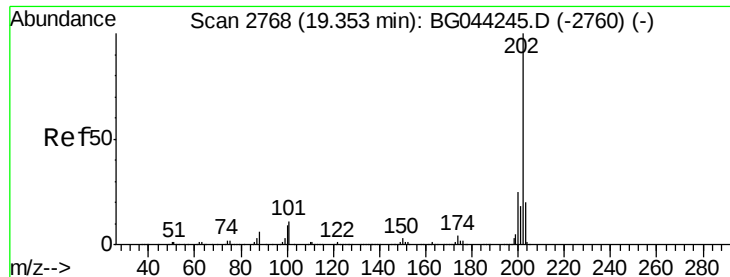
150 10.5 8.7 13.1

104 5.3 4.3 6.5



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





#75

Fluoranthene

Concen: 38.732 ng

RT: 19.34 min Scan# 2766

Delta R.T. 0.00 min

Lab File: BG044421.D

Acq: 13 Feb 2020 17:21

Instrument :

BNA_G

ClientSampled :

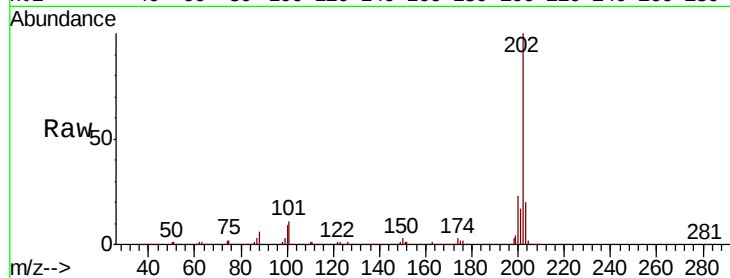
Tot Ion:202 Resp: 1077508

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.3

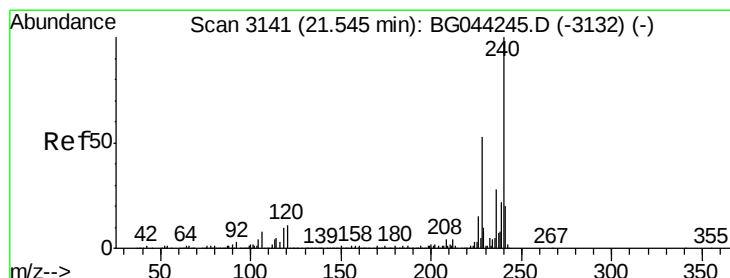
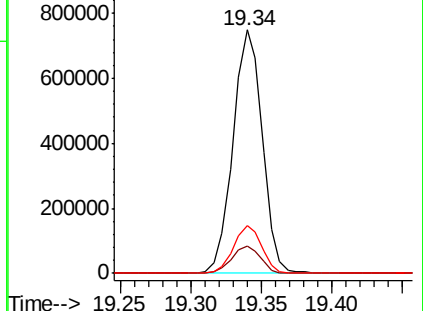
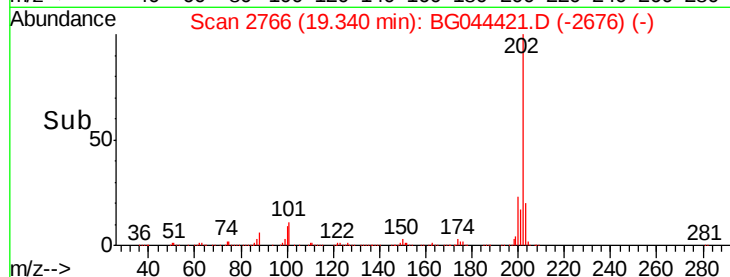
203 19.6 0.0 39.9



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: 21.54 min Scan# 3140

Delta R.T. 0.00 min

Lab File: BG044421.D

Acq: 13 Feb 2020 17:21

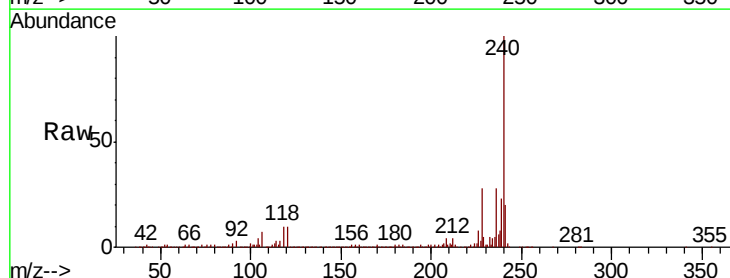
Tgt Ion:240 Resp: 447207

Ion Ratio Lower Upper

240 100

120 10.4 8.4 12.6

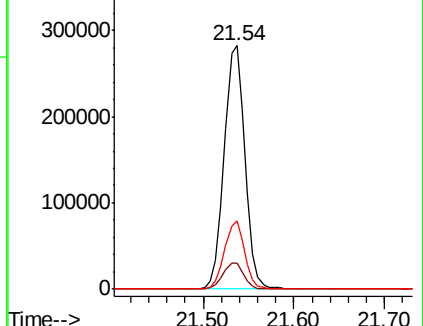
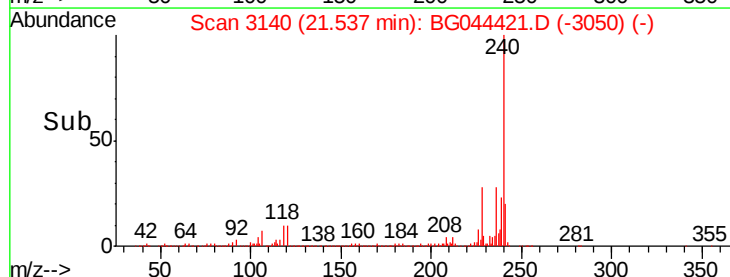
236 28.0 22.1 33.1

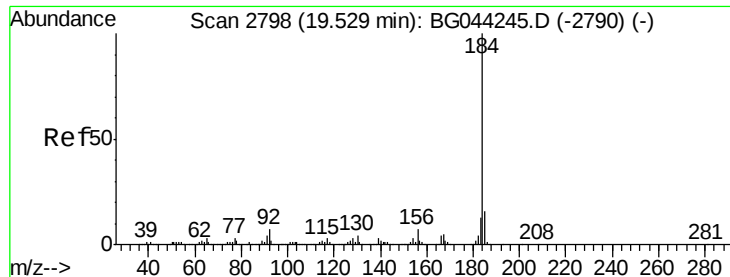


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 13.653 ng

RT: 19.52 min Scan# 2797

Delta R.T. 0.00 min

Lab File: BG044421.D

Acq: 13 Feb 2020 17:21

Instrument :

BNA_G

ClientSampleId :

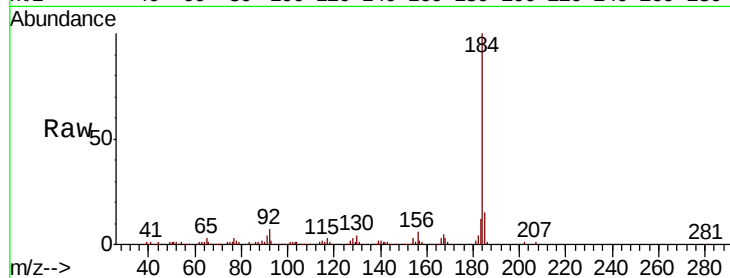
Tot Ion:184 Resp: 169354

Ion Ratio Lower Upper

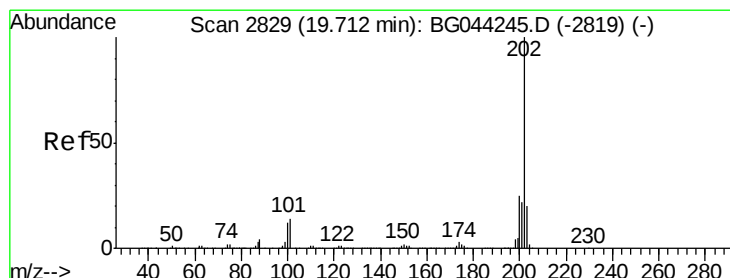
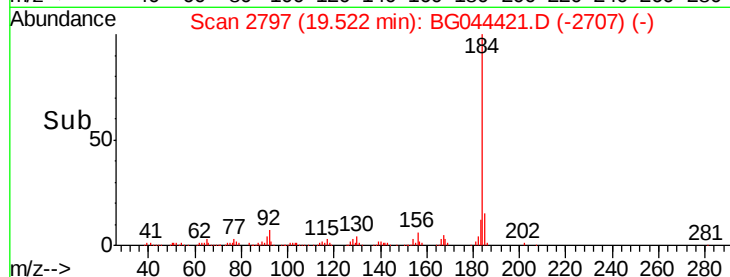
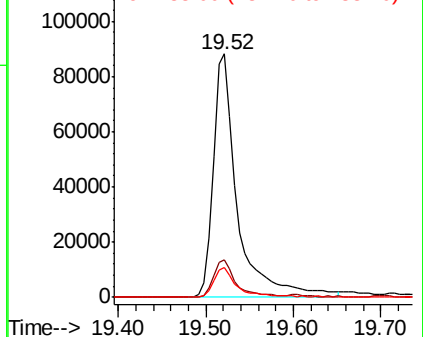
184 100

185 15.4 12.9 19.3

183 12.4 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: 37.826 ng

RT: 19.70 min Scan# 2827

Delta R.T. -0.01 min

Lab File: BG044421.D

Acq: 13 Feb 2020 17:21

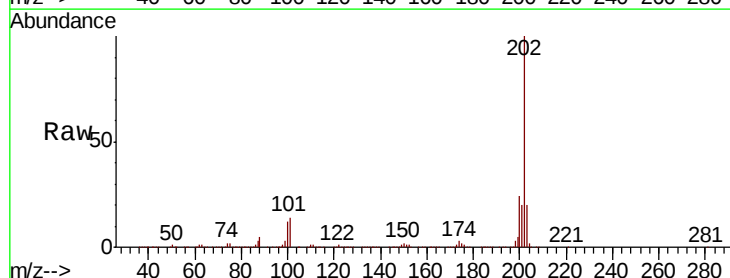
Tgt Ion:202 Resp: 1086343

Ion Ratio Lower Upper

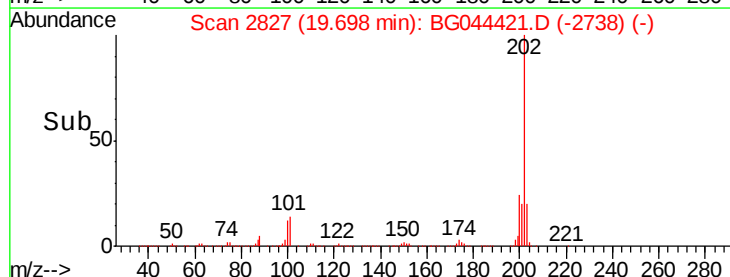
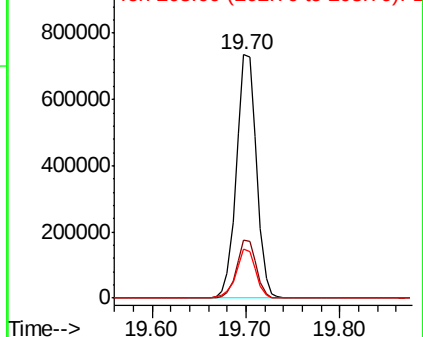
202 100

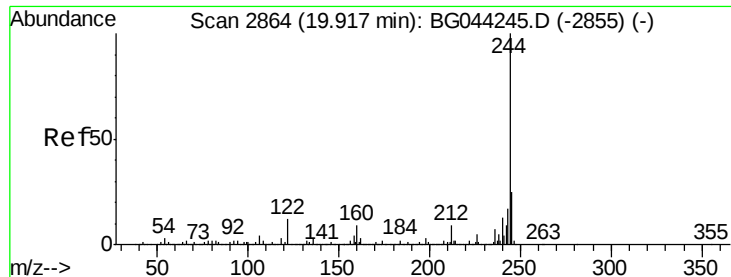
200 23.9 20.0 30.0

203 19.9 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

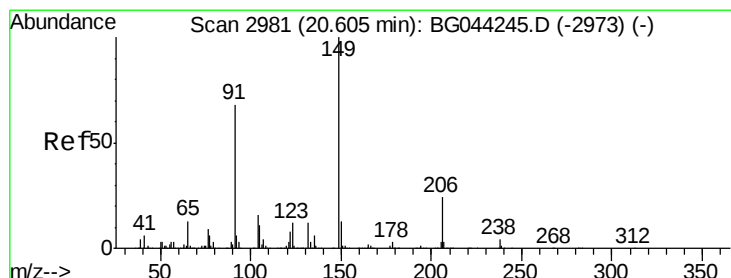
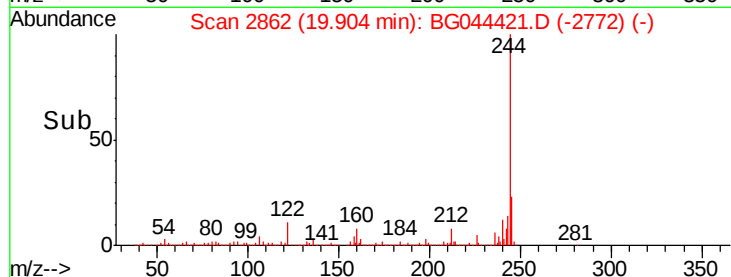
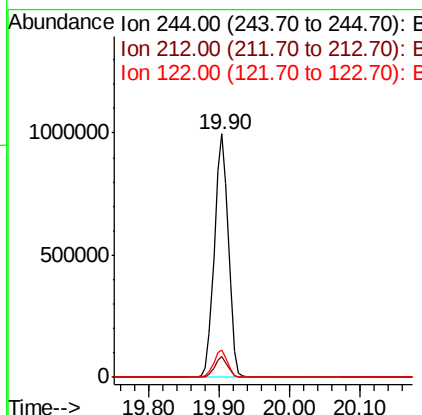
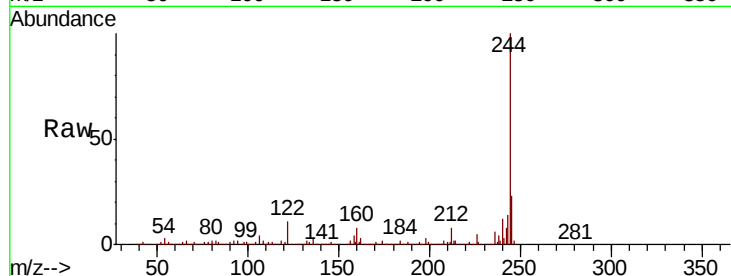




#79
 Terphenyl-d14
 Concen: 63.071 ng
 RT: 19.90 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: BG044421.D
 Acq: 13 Feb 2020 17:21

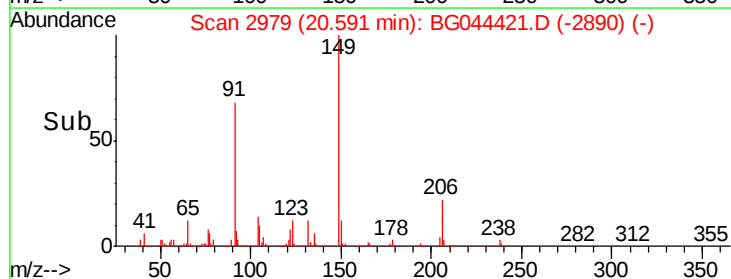
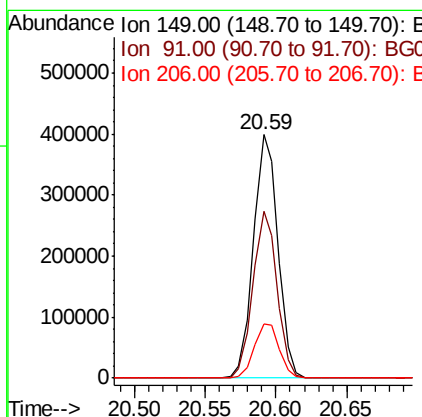
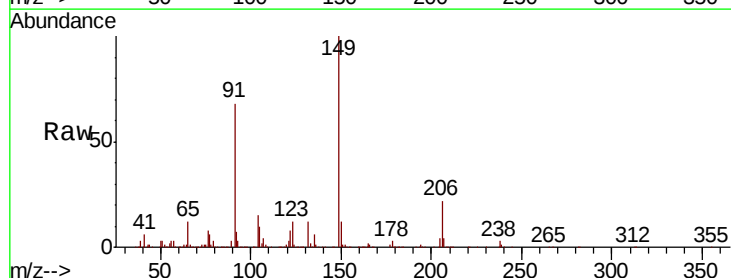
Instrument :
 BNA_G
 ClientSampled :

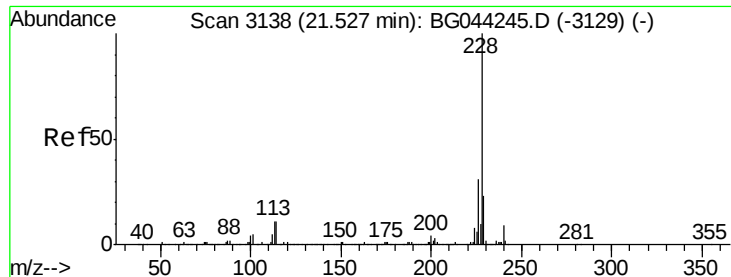
Tot Ion:244 Resp: 1371304
 Ion Ratio Lower Upper
 244 100
 212 8.5 7.4 11.2
 122 11.5 9.8 14.6



#80
 Butylbenzylphthalate
 Concen: 37.286 ng
 RT: 20.59 min Scan# 2979
 Delta R.T. -0.01 min
 Lab File: BG044421.D
 Acq: 13 Feb 2020 17:21

Tgt Ion:149 Resp: 487997
 Ion Ratio Lower Upper
 149 100
 91 68.5 54.5 81.7
 206 22.3 19.1 28.7





#81

Benzo(a)anthracene

Concen: 37.984 ng

RT: 21.51 min Scan# 3136

Delta R.T. 0.00 min

Lab File: BG044421.D

Acq: 13 Feb 2020 17:21

Instrument :

BNA_G

ClientSampleId :

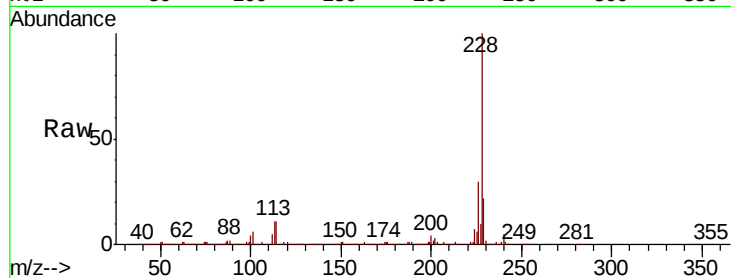
Tot Ion:228 Resp: 1046901

Ion Ratio Lower Upper

228 100

226 29.6 24.7 37.1

229 21.7 18.2 27.4

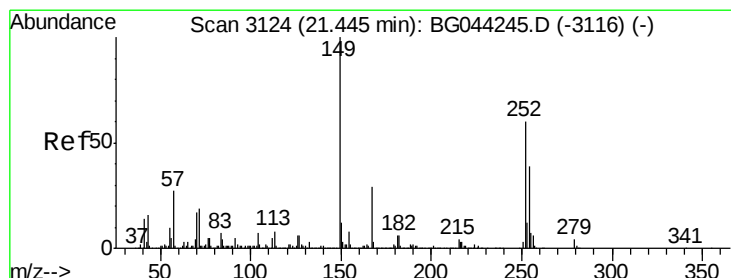
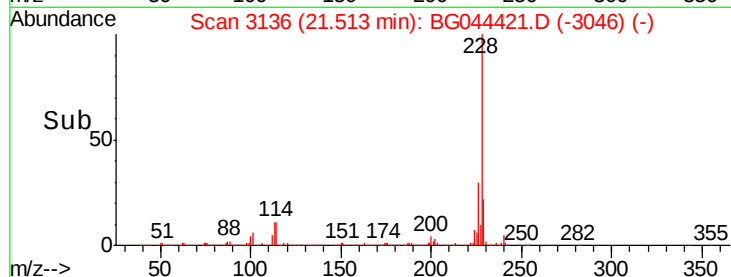
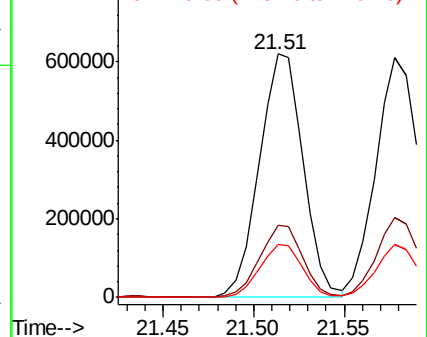


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.256 ng

RT: 21.43 min Scan# 3122

Delta R.T. -0.01 min

Lab File: BG044421.D

Acq: 13 Feb 2020 17:21

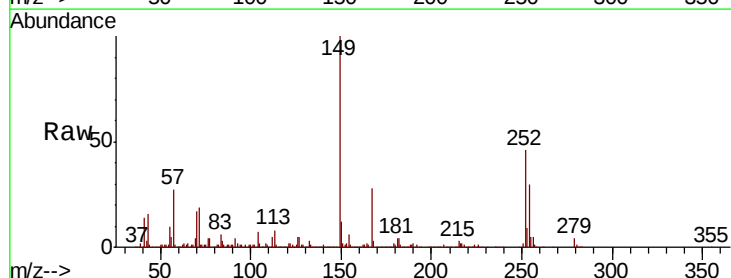
Tgt Ion:252 Resp: 312947

Ion Ratio Lower Upper

252 100

254 65.9 52.6 78.8

126 10.6 8.2 12.4

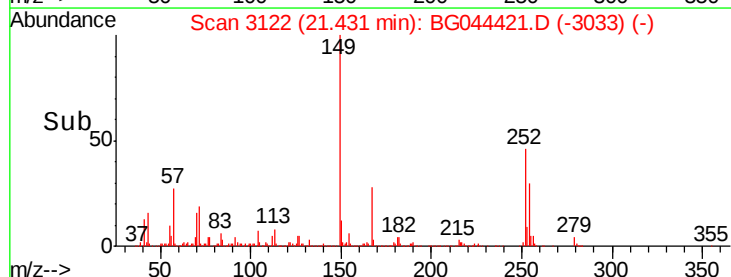
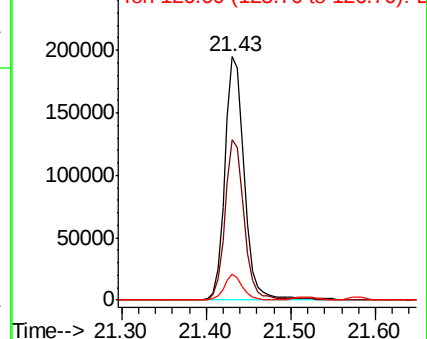


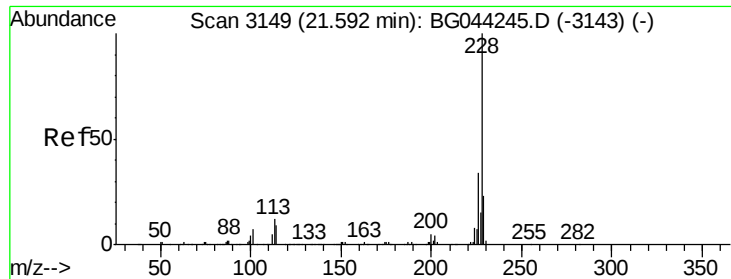
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

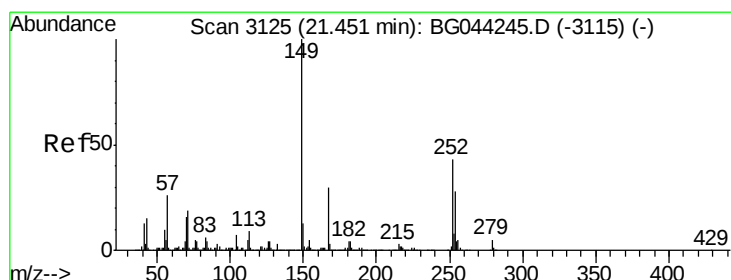
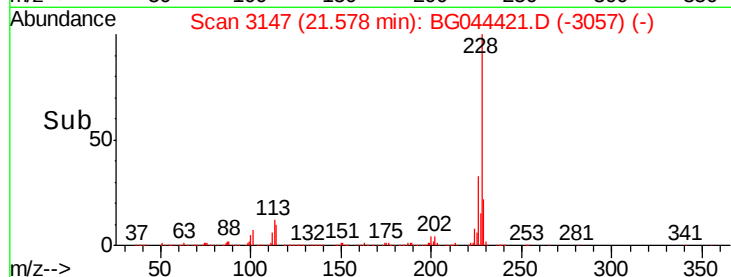
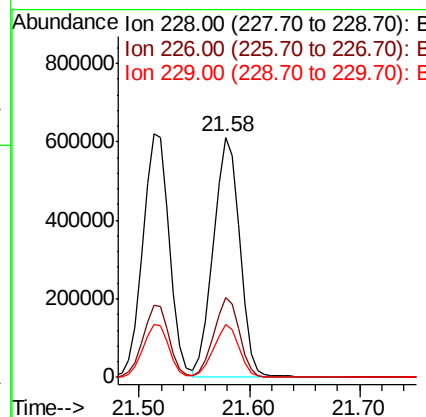
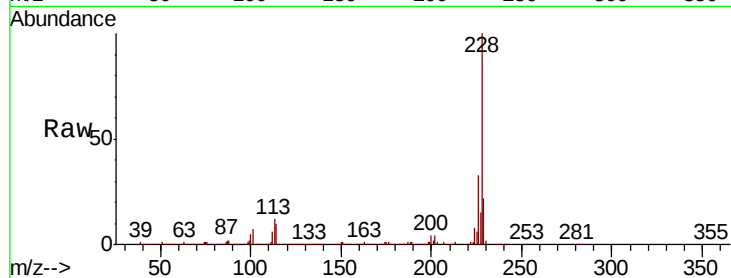




#83
 Chrysene
 Concen: 37.503 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. 0.00 min
 Lab File: BG044421.D
 Acq: 13 Feb 2020 17:21

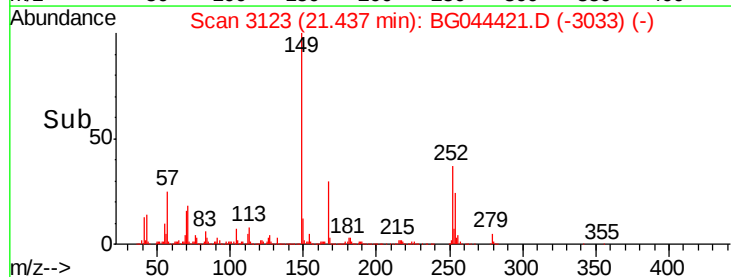
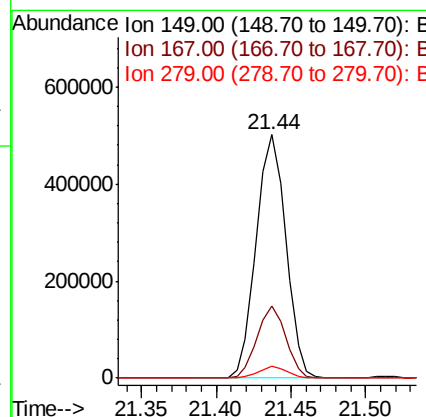
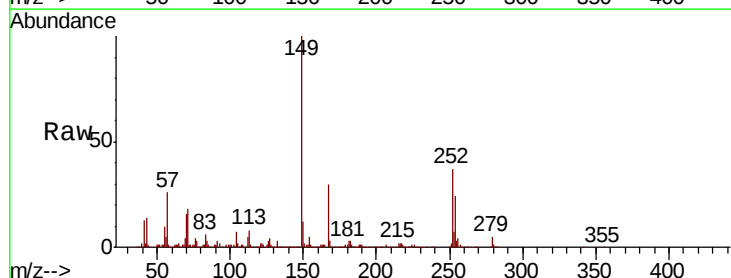
Instrument :
 BNA_G
 ClientSampleID :

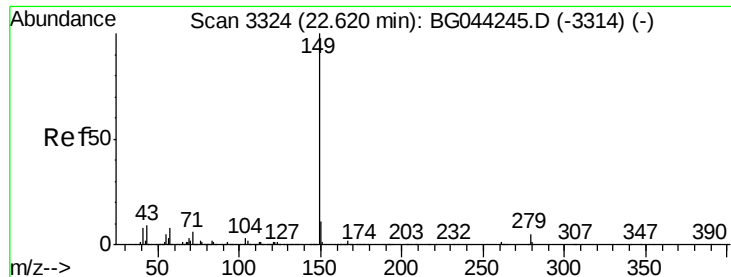
Tot Ion:228 Resp: 999126
 Ion Ratio Lower Upper
 228 100
 226 33.3 27.1 40.7
 229 21.8 17.9 26.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.181 ng
 RT: 21.44 min Scan# 3123
 Delta R.T. 0.00 min
 Lab File: BG044421.D
 Acq: 13 Feb 2020 17:21

Tgt Ion:149 Resp: 687803
 Ion Ratio Lower Upper
 149 100
 167 29.7 24.0 36.0
 279 4.7 3.8 5.8

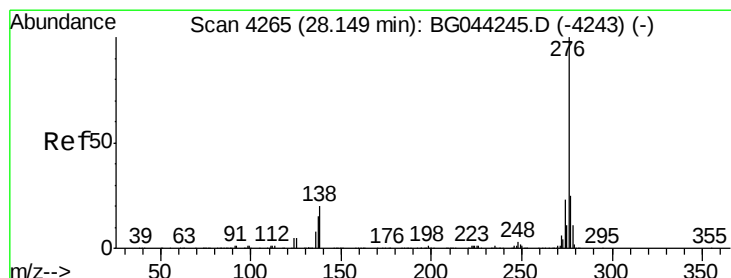
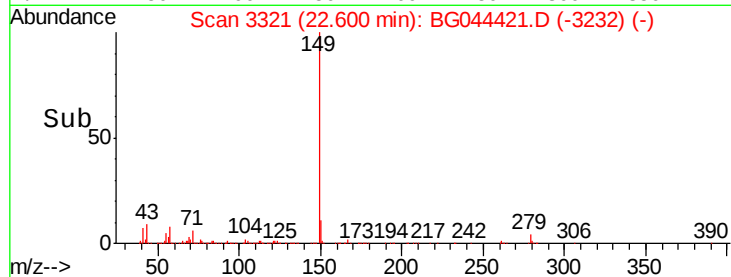
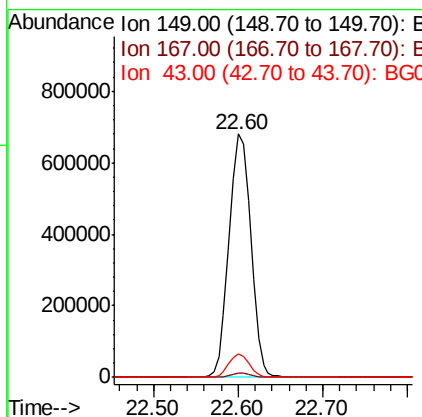
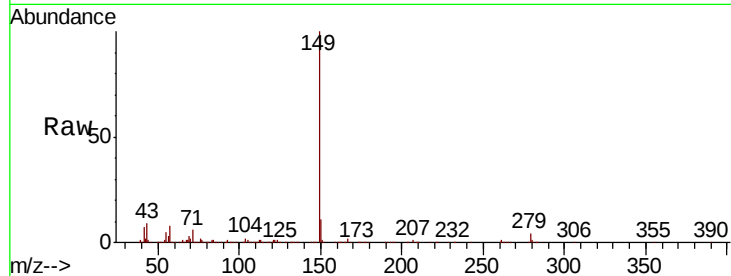




#85
Di-n-octyl phthalate
Concen: 38.788 ng
RT: 22.60 min Scan# 3321
Delta R.T. -0.01 min
Lab File: BG044421.D
Acq: 13 Feb 2020 17:21

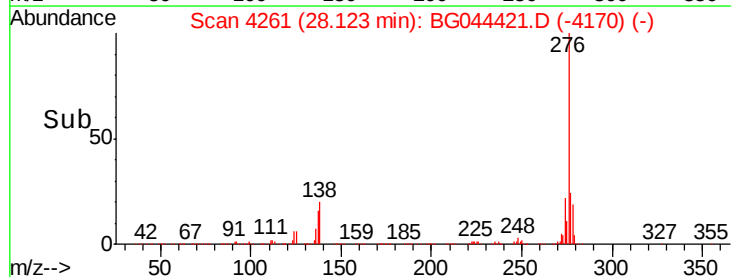
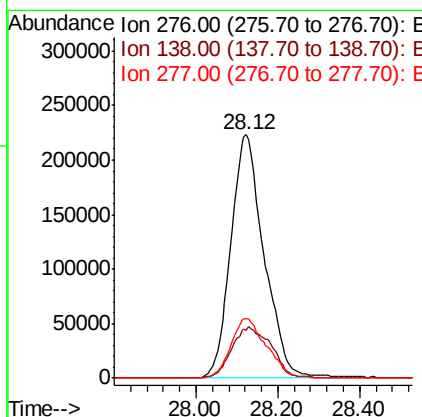
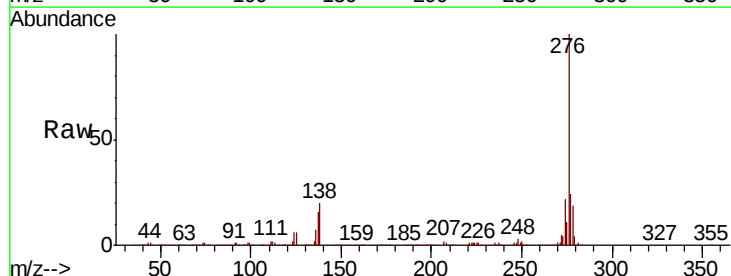
Instrument :
BNA_G
ClientSampled :

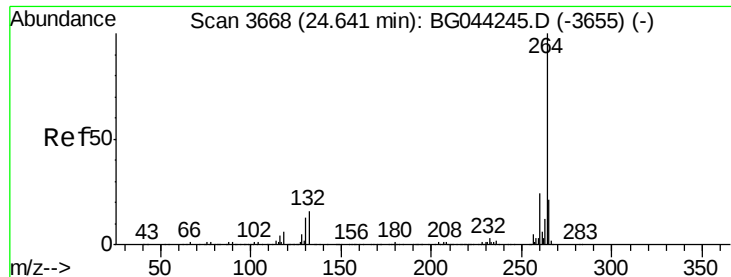
Tot Ion:149 Resp: 1208990
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.9 7.4 11.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 36.214 ng
RT: 28.12 min Scan# 4261
Delta R.T. 0.01 min
Lab File: BG044421.D
Acq: 13 Feb 2020 17:21

Tgt Ion:276 Resp: 1258707
Ion Ratio Lower Upper
276 100
138 24.8 19.4 29.0
277 26.2 21.0 31.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.62 min Scan# 3665

Delta R.T. 0.00 min

Lab File: BG044421.D

Acq: 13 Feb 2020 17:21

Instrument :

BNA_G

ClientSampleId :

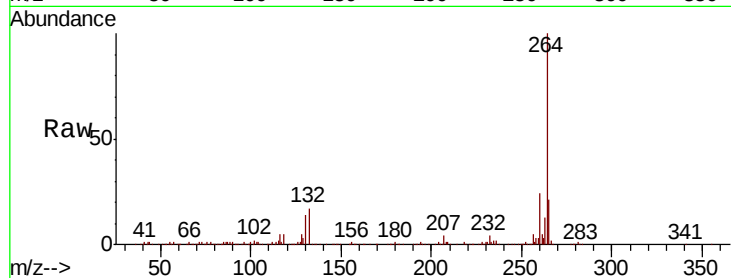
Tot Ion:264 Resp: 384301

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

265 21.2 16.7 25.1

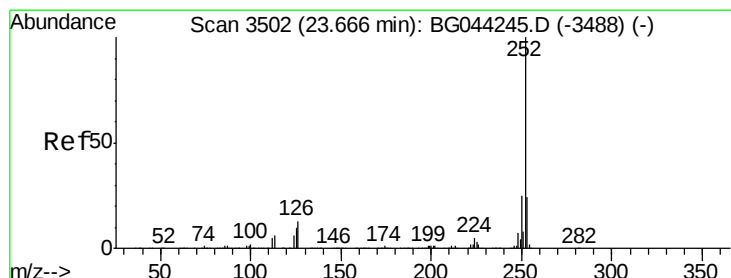
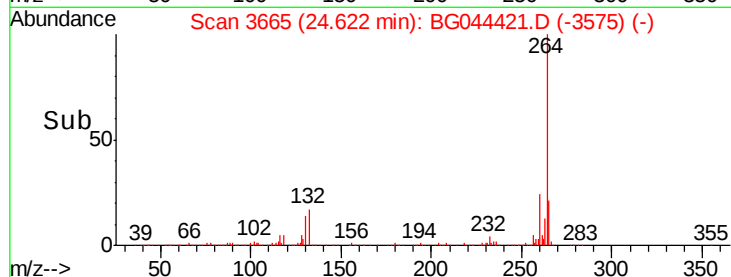
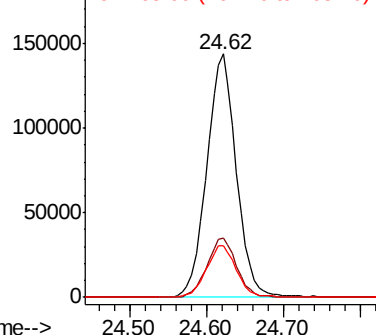


Abundance

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: 48.637 ng

RT: 23.65 min Scan# 3499

Delta R.T. 0.00 min

Lab File: BG044421.D

Acq: 13 Feb 2020 17:21

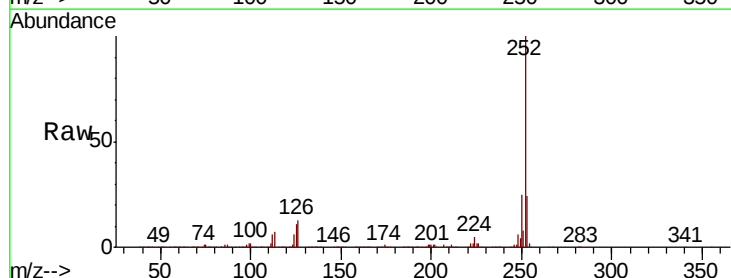
Tgt Ion:252 Resp: 1077061

Ion Ratio Lower Upper

252 100

253 23.7 19.2 28.8

125 10.6 8.4 12.6

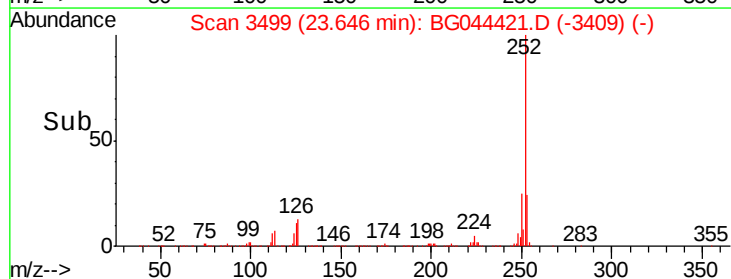
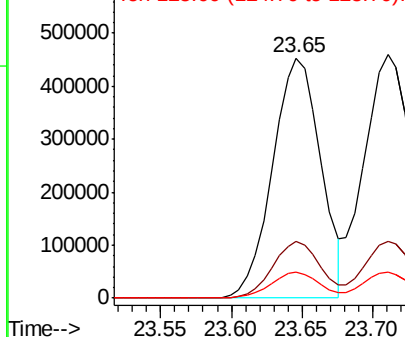


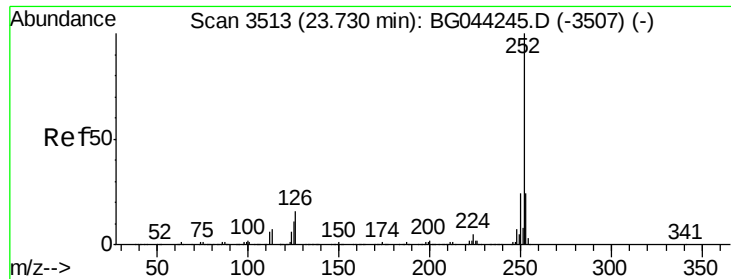
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

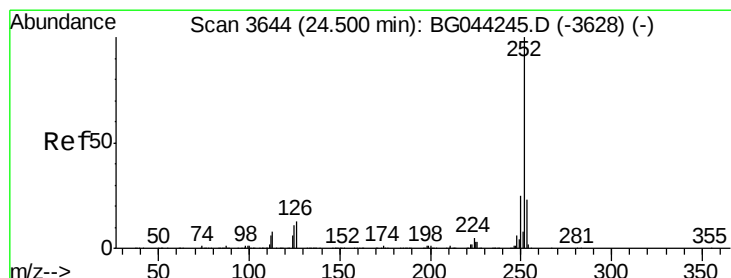
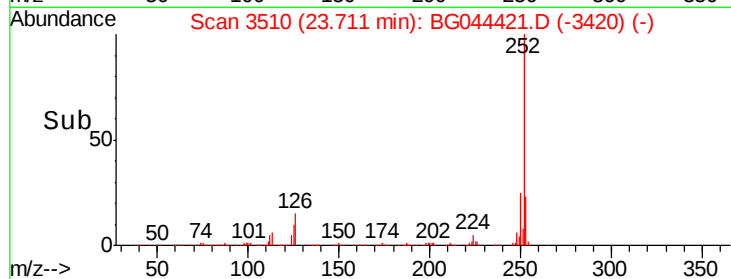
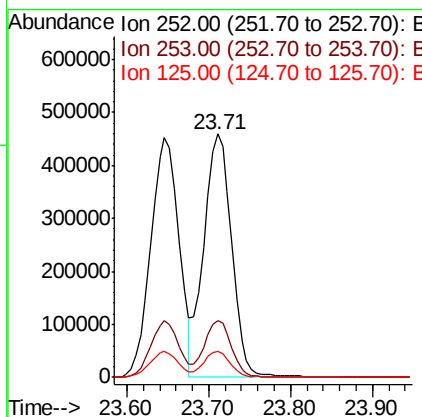
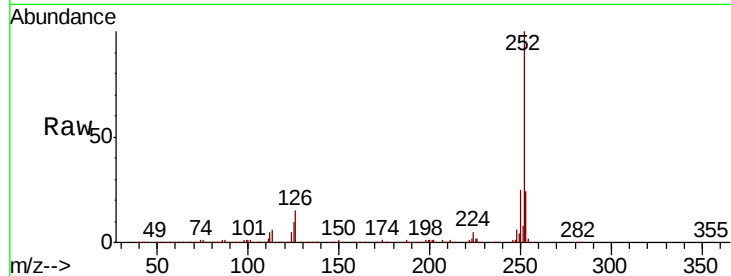




#89
Benzo(k)fluoranthene
Concen: 50.217 ng
RT: 23.71 min Scan# 3510
Delta R.T. 0.00 min
Lab File: BG044421.D
Acq: 13 Feb 2020 17:21

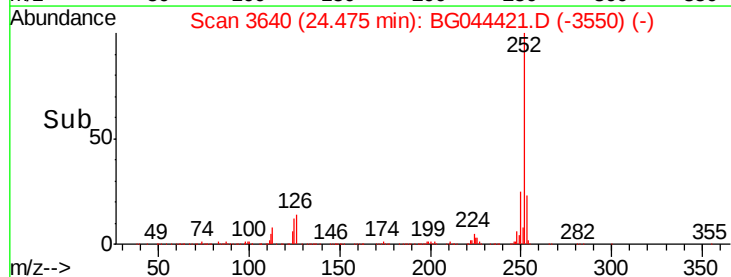
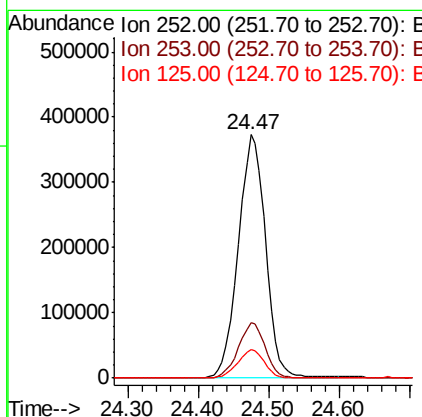
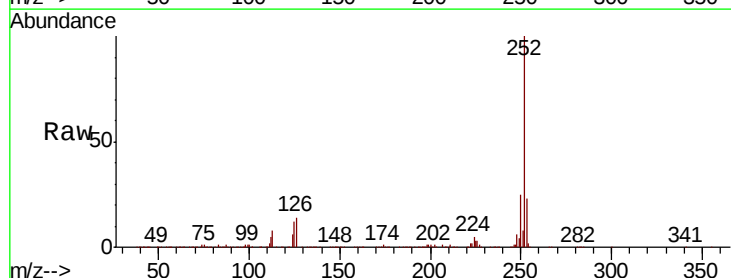
Instrument :
BNA_G
ClientSampleId :

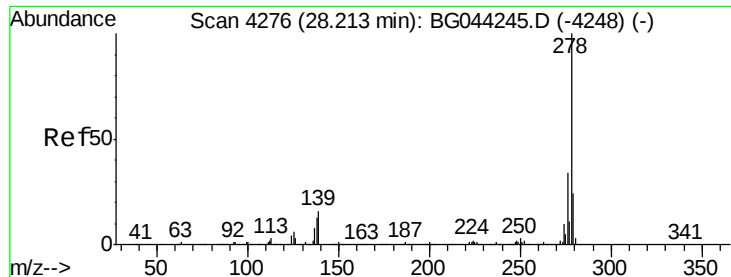
Tot Ion:252 Resp: 1083844
Ion Ratio Lower Upper
252 100
253 23.5 19.1 28.7
125 10.5 8.6 12.8



#90
Benzo(a)pyrene
Concen: 47.810 ng
RT: 24.47 min Scan# 3640
Delta R.T. 0.00 min
Lab File: BG044421.D
Acq: 13 Feb 2020 17:21

Tgt Ion:252 Resp: 1001033
Ion Ratio Lower Upper
252 100
253 22.9 18.1 27.1
125 11.6 8.6 13.0



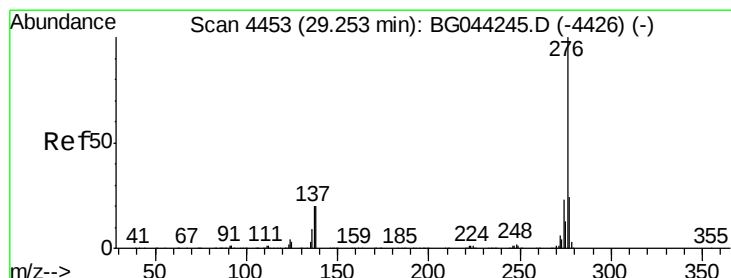
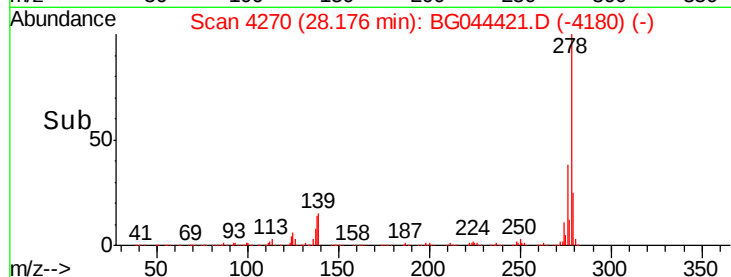
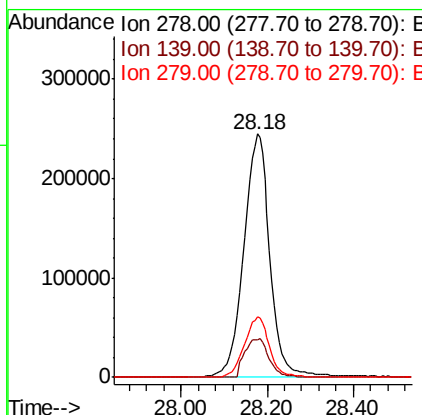
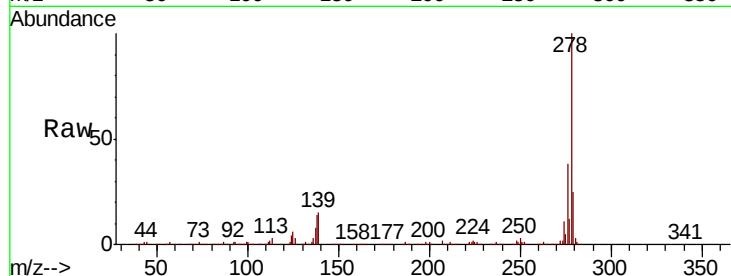


#91
Dibenzo(a,h)anthracene
Concen: 50.569 ng
RT: 28.18 min Scan# 4270
Delta R.T. 0.00 min
Lab File: BG044421.D
Acq: 13 Feb 2020 17:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1047861

Ion	Ratio	Lower	Upper
278	100		
139	15.5	12.7	19.1
279	24.7	19.3	28.9



#92
Benzo(g,h,i)perylene
Concen: 51.270 ng
RT: 29.21 min Scan# 4446
Delta R.T. 0.01 min
Lab File: BG044421.D
Acq: 13 Feb 2020 17:21

Tgt Ion:276 Resp: 1063521

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	21.0	16.2	24.2

