

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
 Data File : BG044543.D
 Acq On : 21 Feb 2020 11:01
 Operator : CG/JU
 Sample : PB126933BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 21 16:09:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 21 16:02:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	51708	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	213230	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	144544	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	348006	20.00	ng	0.00
76) Chrysene-d12	21.51	240	344861	20.00	ng	0.00
87) Perylene-d12	24.58	264	365460	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	385694	131.64	ng	0.00
7) Phenol-d6	7.06	99	515843	131.11	ng	0.00
23) Nitrobenzene-d5	9.04	82	270178	71.53	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	229242	135.10	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	658335	76.27	ng	0.00
79) Terphenyl-d14	19.88	244	1222293	72.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.33	88	53255	40.456	ng	98
3) Pyridine	3.73	79	123516	35.218	ng	98
4) n-Nitrosodimethylamine	3.64	42	59111	40.334	ng	99
6) Aniline	7.20	93	163076	33.392	ng	97
8) 2-Chlorophenol	7.45	128	151551	47.065	ng	99
9) Benzaldehyde	7.01	77	67103	29.946	ng	97
10) Phenol	7.08	94	185848	47.730	ng	97
11) bis(2-Chloroethyl)ether	7.30	93	137676	41.358	ng	99
12) 1,3-Dichlorobenzene	7.77	146	160298	41.694	ng	99
13) 1,4-Dichlorobenzene	7.92	146	162199	42.596	ng	98
14) 1,2-Dichlorobenzene	8.23	146	152428	42.351	ng	99
15) Benzyl Alcohol	8.12	79	123130	44.205	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.41	45	178848	39.695	ng	98
17) 2-Methylphenol	8.33	107	130169	46.855	ng	99
18) Hexachloroethane	8.96	117	57986	40.581	ng	97
19) n-Nitroso-di-n-propylamine	8.69	70	106735	40.706	ng	99
20) 3+4-Methylphenols	8.66	107	178546	46.634	ng	98
22) Acetophenone	8.70	105	206822	39.871	ng	# 99
24) Nitrobenzene	9.08	77	154797	41.982	ng	98
25) Isophorone	9.60	82	302430	42.961	ng	100
26) 2-Nitrophenol	9.79	139	87353	45.657	ng	98
27) 2,4-Dimethylphenol	9.86	122	145649	53.929	ng	98
28) bis(2-Chloroethoxy)methane	10.09	93	189778	40.412	ng	99
29) 2,4-Dichlorophenol	10.34	162	152589	46.725	ng	98
30) 1,2,4-Trichlorobenzene	10.55	180	154272	41.199	ng	99
31) Naphthalene	10.73	128	455200	44.001	ng	99
32) Benzoic acid	10.02	122	40903	30.376	ng	96
33) 4-Chloroaniline	10.84	127	130442	27.724	ng	99
34) Hexachlorobutadiene	11.02	225	90446	39.254	ng	97
35) Caprolactam	11.60	113	29872	24.971	ng	97
36) 4-Chloro-3-methylphenol	11.98	107	161084	47.047	ng	98
37) 2-Methylnaphthalene	12.34	142	340935	44.386	ng	99
38) 1-Methylnaphthalene	12.56	142	322588	44.546	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.72	216	169841	39.281	ng	98

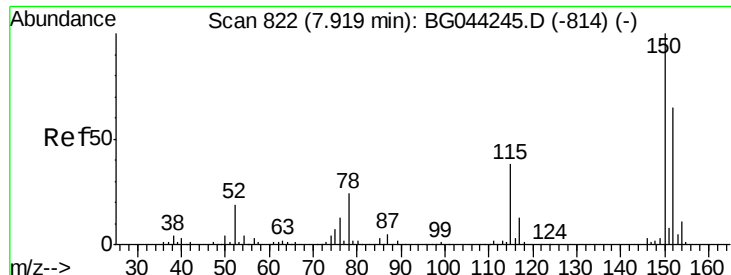
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
 Data File : BG044543.D
 Acq On : 21 Feb 2020 11:01
 Operator : CG/JU
 Sample : PB126933BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 21 16:09:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 21 16:02:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.70	237	166809	80.402	ng	99
43) 2,4,6-Trichlorophenol	12.96	196	122127	43.698	ng	99
44) 2,4,5-Trichlorophenol	13.03	196	132477	46.408	ng	99
46) 1,1'-Biphenyl	13.35	154	439164	42.122	ng	98
47) 2-Chloronaphthalene	13.39	162	340666	41.061	ng	98
48) 2-Nitroaniline	13.59	65	102511	41.867	ng	93
49) Acenaphthylene	14.24	152	548824	45.101	ng	98
50) Dimethylphthalate	13.98	163	456304	43.917	ng	99
51) 2,6-Dinitrotoluene	14.09	165	102604	44.289	ng	97
52) Acenaphthene	14.59	154	334971	42.469	ng	99
53) 3-Nitroaniline	14.42	138	78284	30.543	ng	99
54) 2,4-Dinitrophenol	14.64	184	121599	87.764	ng	93
55) Dibenzofuran	14.92	168	533689	44.690	ng	97
56) 4-Nitrophenol	14.75	139	191261	101.873	ng	100
57) 2,4-Dinitrotoluene	14.88	165	149424	46.019	ng	97
58) Fluorene	15.57	166	428429	45.549	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.16	232	120290	46.652	ng	97
60) Diethylphthalate	15.34	149	467658	45.171	ng	98
61) 4-Chlorophenyl-phenylether	15.56	204	223101	43.746	ng	99
62) 4-Nitroaniline	15.59	138	109902	42.912	ng	97
63) Azobenzene	15.85	77	405092	44.644	ng	98
65) 4,6-Dinitro-2-methylphenol	15.65	198	93843	48.851	ng	95
66) n-Nitrosodiphenylamine	15.78	169	406988	41.731	ng	100
67) 4-Bromophenyl-phenylether	16.46	248	151047	39.839	ng	98
68) Hexachlorobenzene	16.58	284	168179	39.593	ng	98
69) Atrazine	16.73	200	165536	49.521	ng	99
70) Pentachlorophenol	16.93	266	176484	82.077	ng	99
71) Phenanthrene	17.31	178	739944	43.909	ng	98
72) Anthracene	17.40	178	756229	45.390	ng	98
73) Carbazole	17.67	167	705406	45.928	ng	99
74) Di-n-butylphthalate	18.23	149	883582	46.553	ng	98
75) Fluoranthene	19.32	202	940803	48.261	ng	98
77) Benzidine	19.50	184	390941	40.869	ng	97
78) Pyrene	19.68	202	948361	42.821	ng	97
80) Butylbenzylphthalate	20.57	149	417476	41.364	ng	97
81) Benzo(a)anthracene	21.49	228	922195	43.389	ng	97
82) 3,3'-Dichlorobenzidine	21.41	252	286643	34.749	ng	97
83) Chrysene	21.55	228	875765	42.629	ng	97
84) Bis(2-ethylhexyl)phthalate	21.41	149	589939	42.467	ng	98
85) Di-n-octyl phthalate	22.57	149	1048370	43.617	ng	98
86) Indeno(1,2,3-cd)pyrene	28.06	276	1119391	41.764	ng	100
88) Benzo(b)fluoranthene	23.61	252	998312	47.405	ng	99
89) Benzo(k)fluoranthene	23.67	252	942300	45.910	ng	97
90) Benzo(a)pyrene	24.44	252	901703	45.286	ng	98
91) Dibenzo(a,h)anthracene	28.12	278	931582	47.275	ng	99
92) Benzo(g,h,i)perylene	29.14	276	948916	48.104	ng	99

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

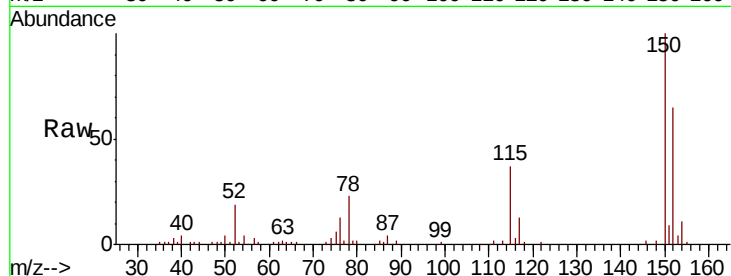


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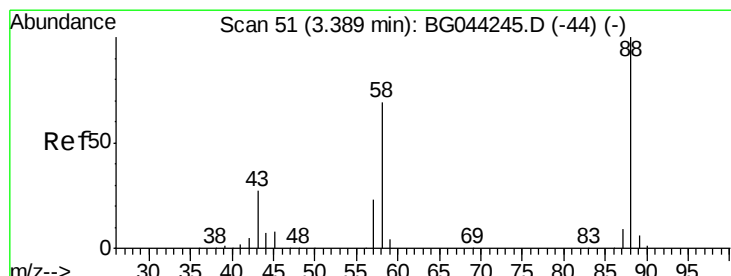
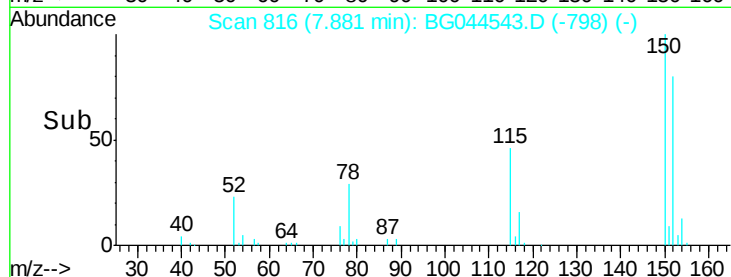
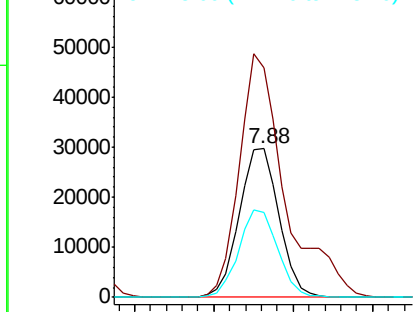
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.88 min Scan# 816
Delta R.T. 0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 51708
Ion Ratio Lower Upper
152 100
150 154.0 123.1 184.7
115 57.2 45.1 67.7



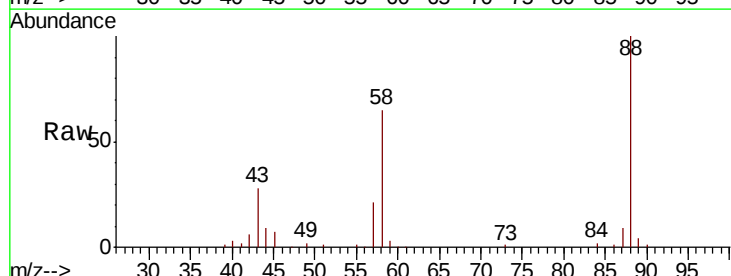
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



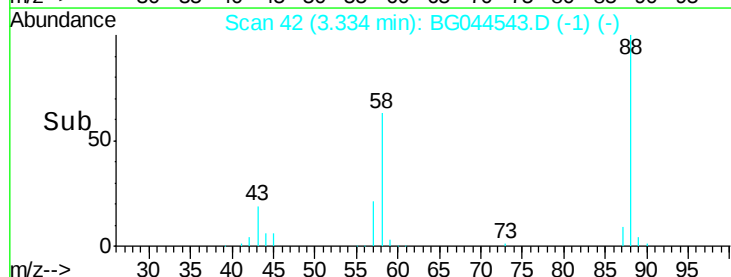
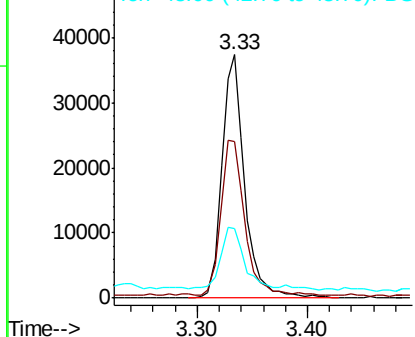
#2

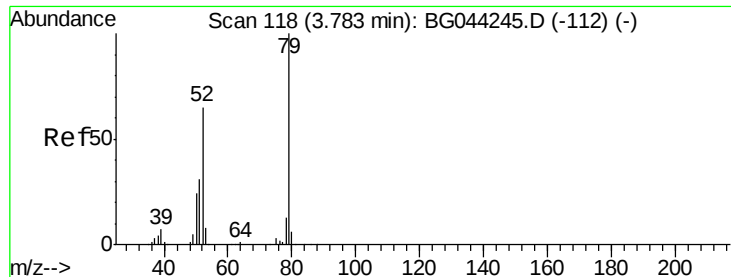
1,4-Dioxane
Concen: 40.456 ng
RT: 3.33 min Scan# 42
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Tgt Ion: 88 Resp: 53255
Ion Ratio Lower Upper
88 100
58 66.4 54.8 82.2
43 25.8 21.2 31.8



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: 35.218 ng

RT: 3.73 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Instrument :

BNA_G

ClientSampleId :

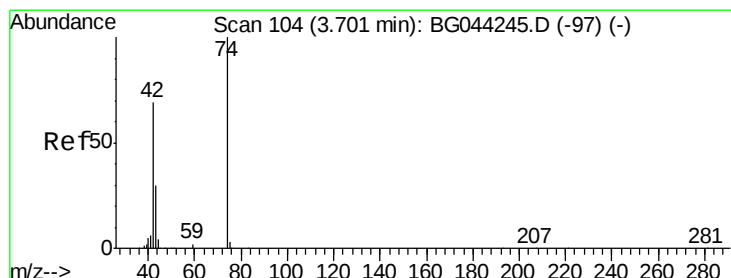
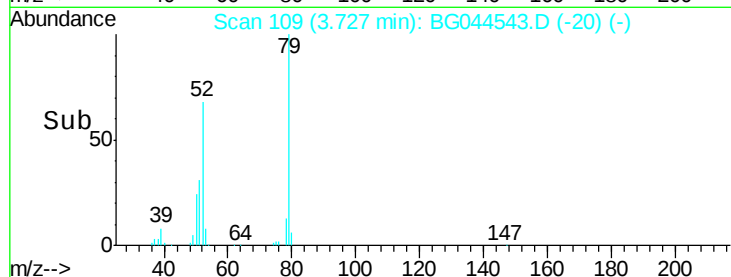
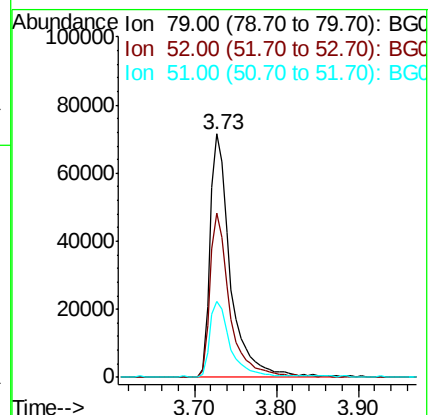
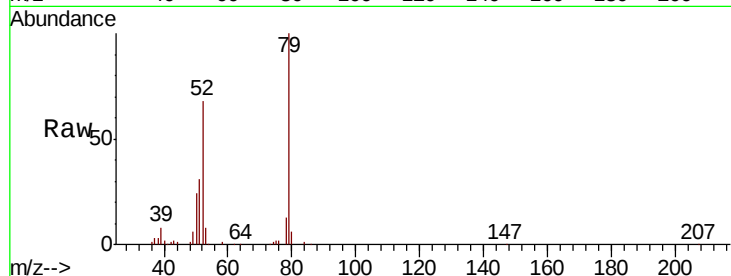
Tot Ion: 79 Resp: 123516

Ion Ratio Lower Upper

79 100

52 67.6 53.0 79.4

51 31.1 25.7 38.5



#4

n-Nitrosodimethylamine

Concen: 40.334 ng

RT: 3.64 min Scan# 95

Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

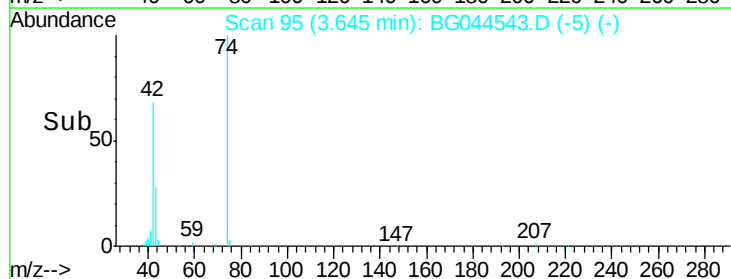
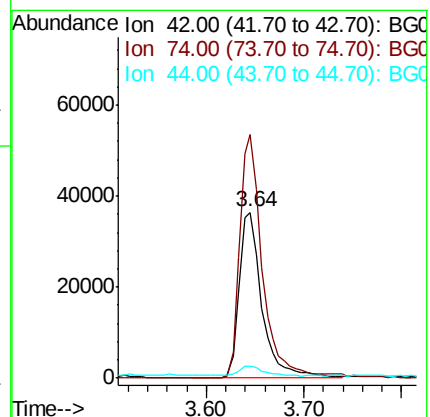
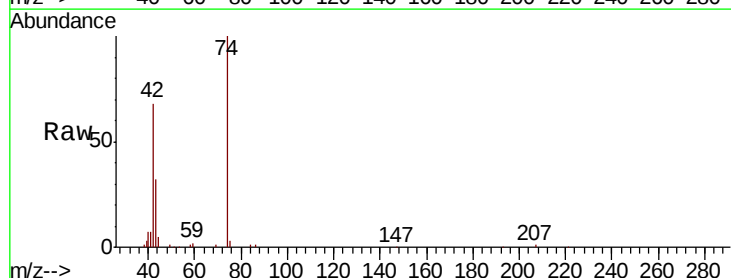
Tgt Ion: 42 Resp: 59111

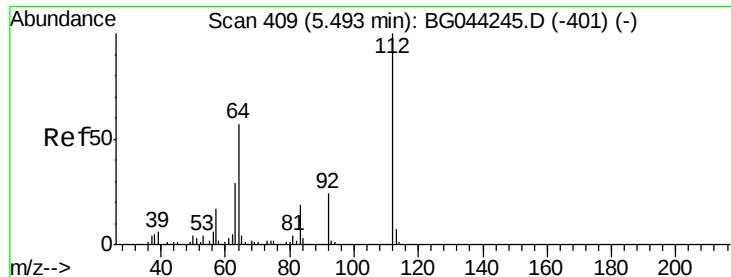
Ion Ratio Lower Upper

42 100

74 146.6 118.4 177.6

44 7.5 6.0 9.0





#5

2-Fluorophenol

Concen: 131.641 ng

RT: 5.46 min Scan# 404

Delta R.T. 0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Instrument :

BNA_G

ClientSampleId :

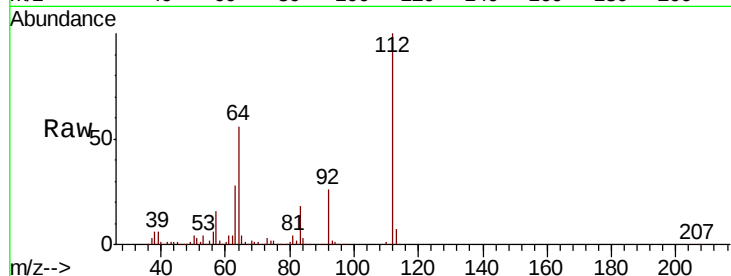
Tot Ion:112 Resp: 385694

Ion Ratio Lower Upper

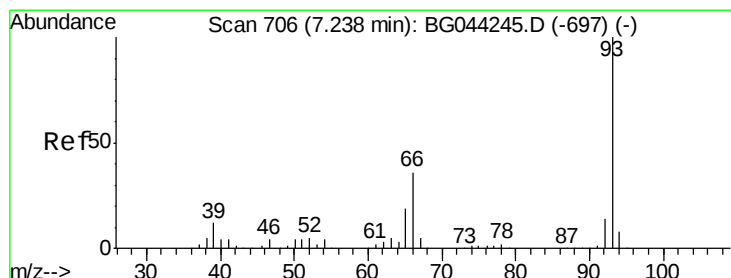
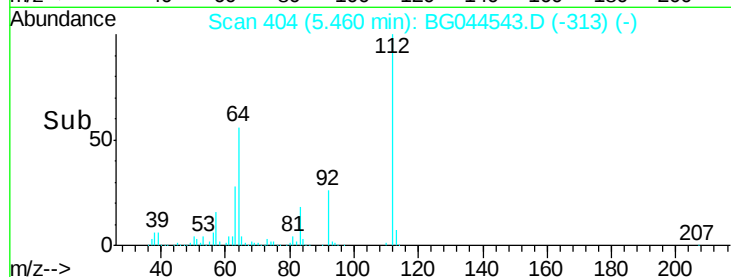
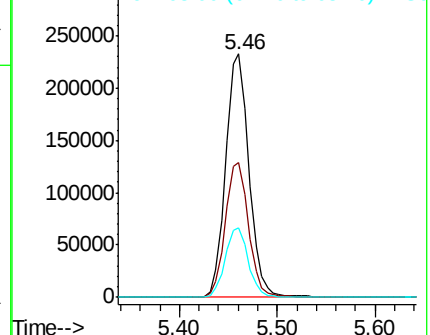
112 100

64 55.5 44.5 66.7

63 28.5 22.2 33.2



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: 33.392 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

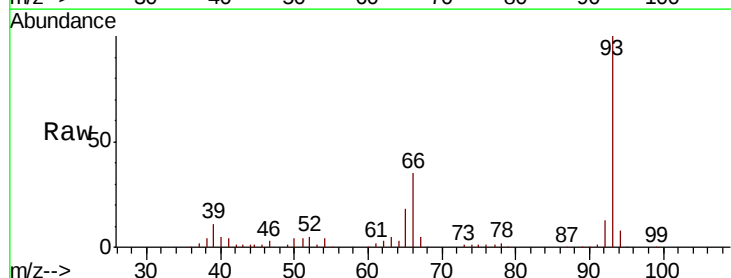
Tgt Ion: 93 Resp: 163076

Ion Ratio Lower Upper

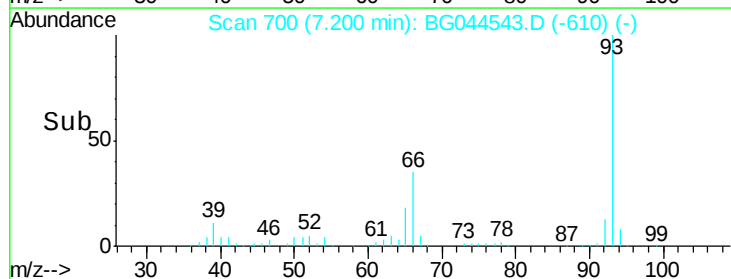
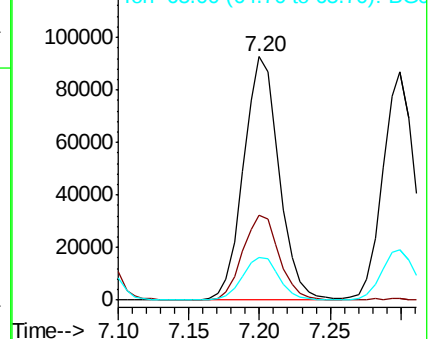
93 100

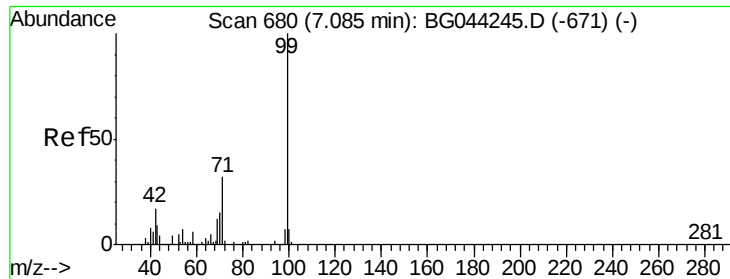
66 34.7 29.6 44.4

65 17.6 15.0 22.4



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: 131.111 ng

RT: 7.06 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Instrument :

BNA_G

ClientSampleId :

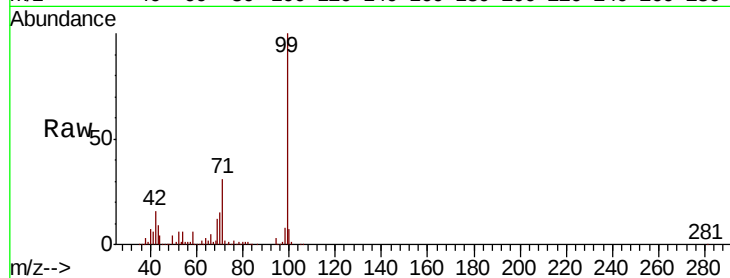
Tot Ion: 99 Resp: 515843

Ion Ratio Lower Upper

99 100

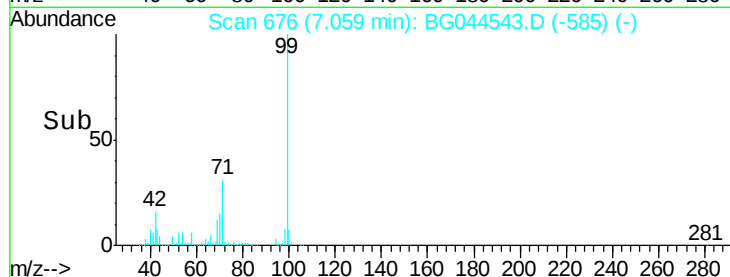
42 15.9 13.4 20.0

71 30.5 24.7 37.1

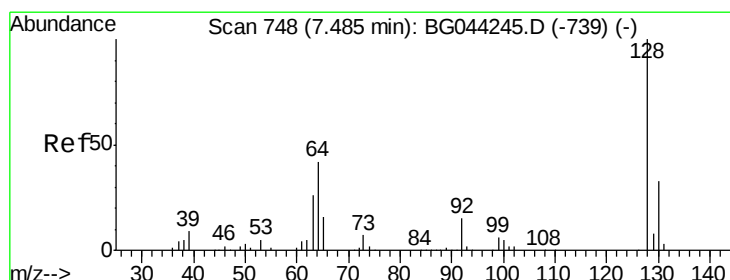


Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC

7.06



Time-->



#8

2-Chlorophenol

Concen: 47.065 ng

RT: 7.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

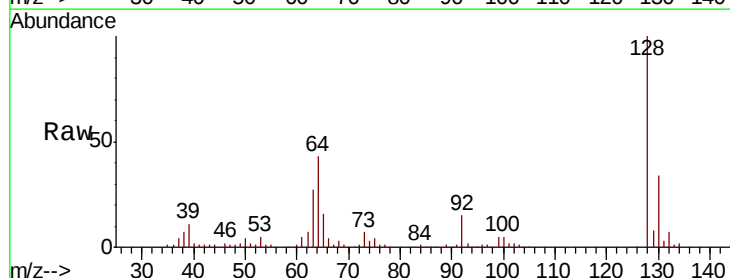
Tgt Ion: 128 Resp: 151551

Ion Ratio Lower Upper

128 100

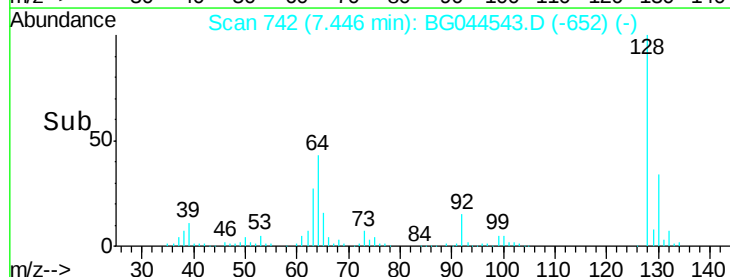
130 34.0 12.5 52.5

64 43.0 22.7 62.7

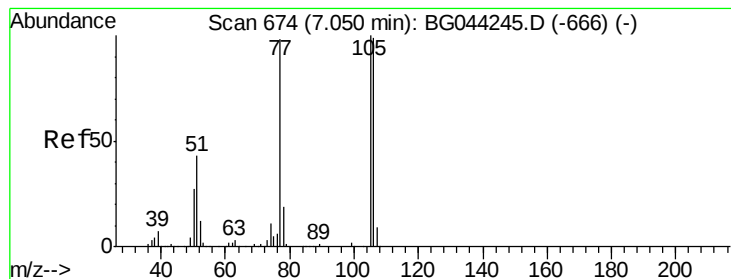


Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC

7.45



Time-->



#9

Benzaldehyde

Concen: 29.946 ng

RT: 7.01 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Instrument :

BNA_G

ClientSampled :

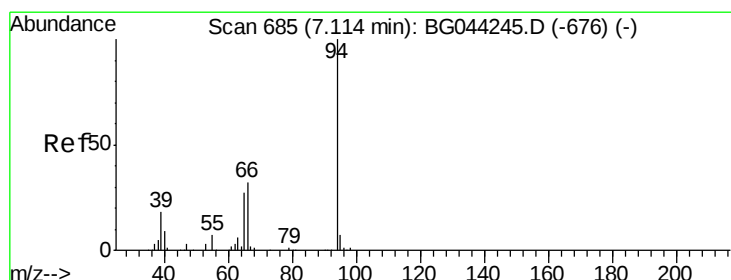
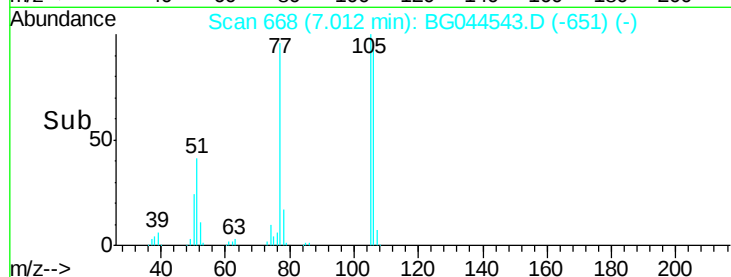
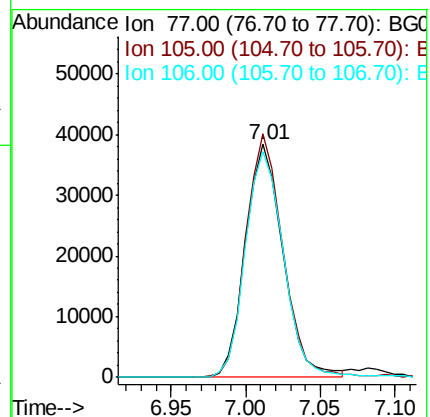
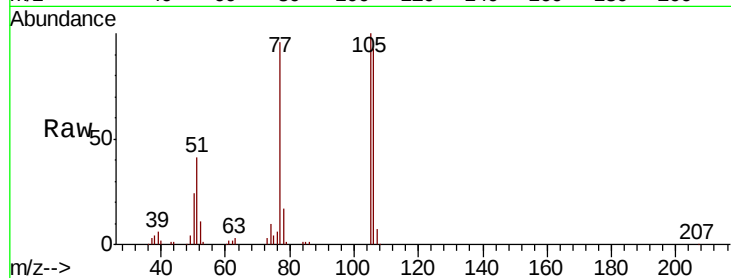
Tot Ion: 77 Resp: 67103

Ion Ratio Lower Upper

77 100

105 104.6 80.0 120.0

106 97.1 75.4 115.4



#10

Phenol

Concen: 47.730 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

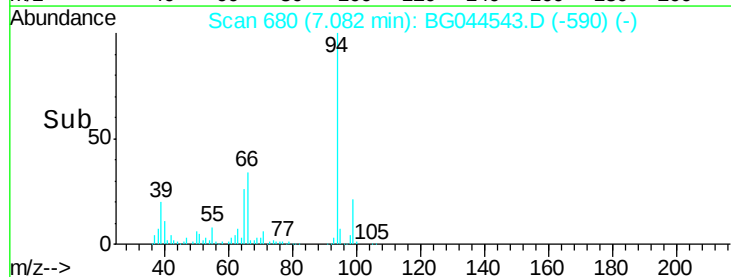
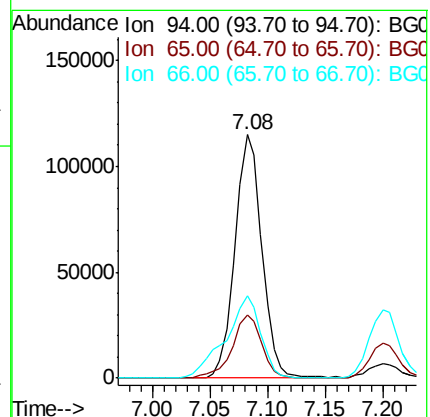
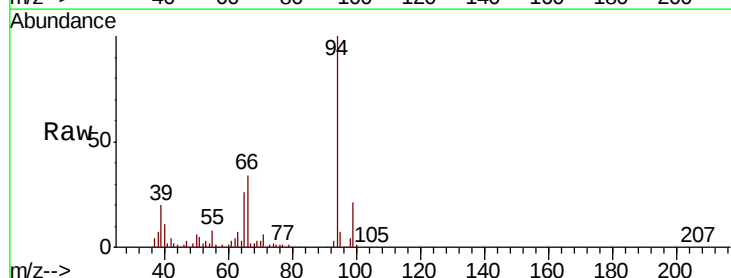
Tgt Ion: 94 Resp: 185848

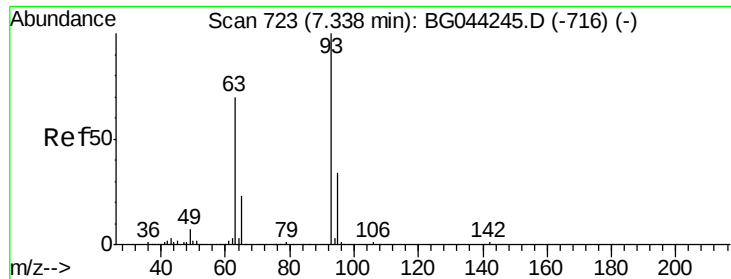
Ion Ratio Lower Upper

94 100

65 26.1 7.3 47.3

66 33.6 15.4 55.4

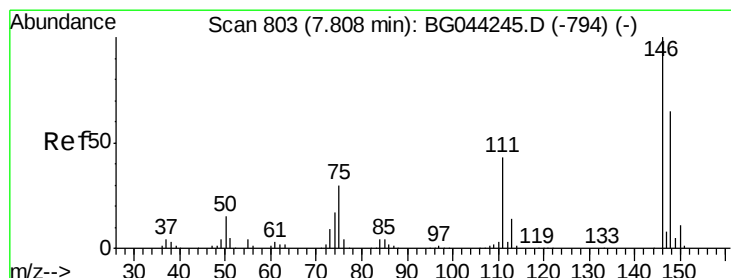
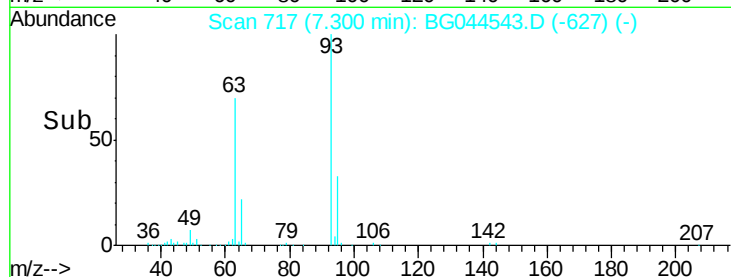
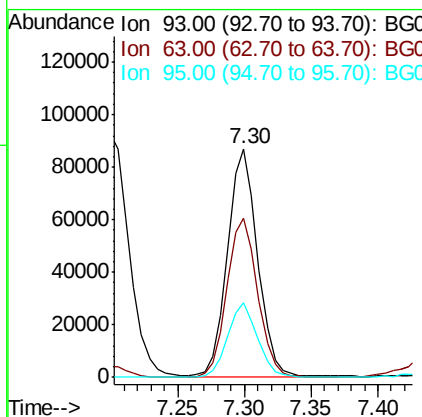
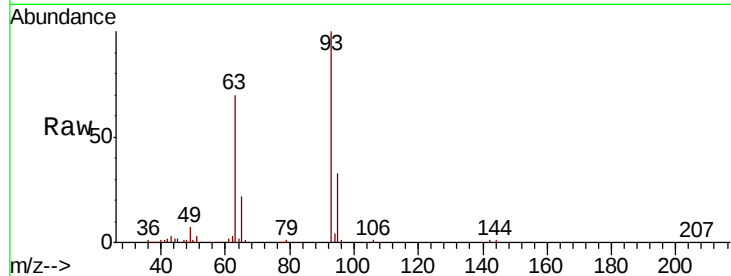




#11
bis(2-Chloroethyl)ether
Concen: 41.358 ng
RT: 7.30 min Scan# 717
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

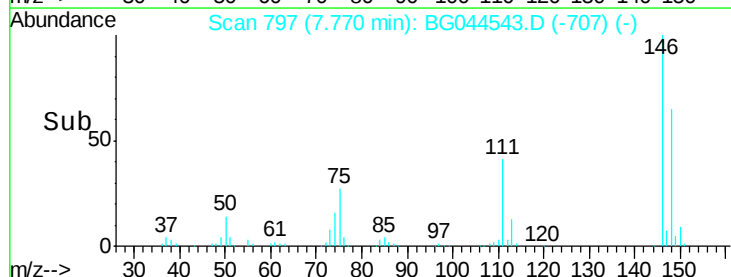
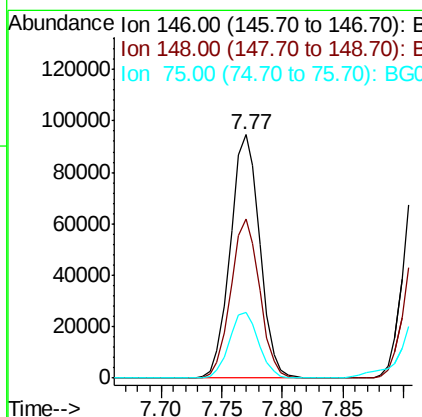
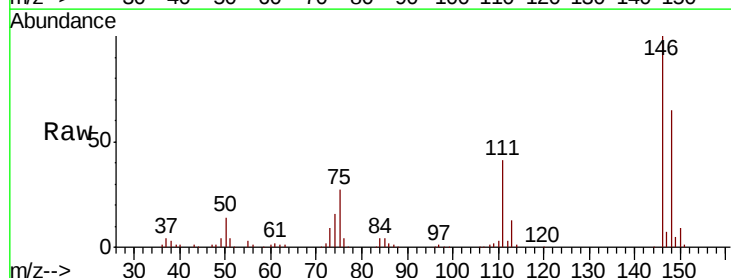
Instrument :
BNA_G
ClientSampleId :

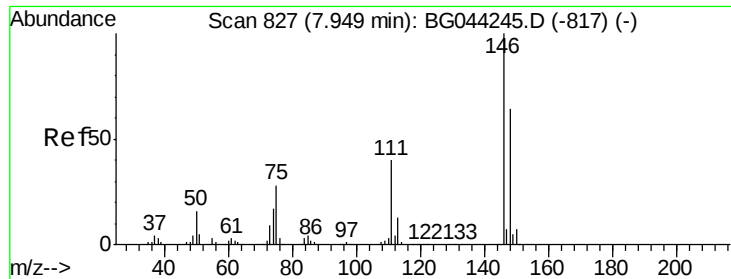
Tot Ion: 93 Resp: 137676
Ion Ratio Lower Upper
93 100
63 69.7 50.8 90.8
95 32.7 11.7 51.7



#12
1,3-Dichlorobenzene
Concen: 41.694 ng
RT: 7.77 min Scan# 797
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Tgt Ion: 146 Resp: 160298
Ion Ratio Lower Upper
146 100
148 65.3 51.4 77.2
75 27.0 21.9 32.9





#13

1,4-Dichlorobenzene

Concen: 42.596 ng

RT: 7.92 min Scan# 822

Delta R.T. 0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Instrument :

BNA_G

ClientSampleId :

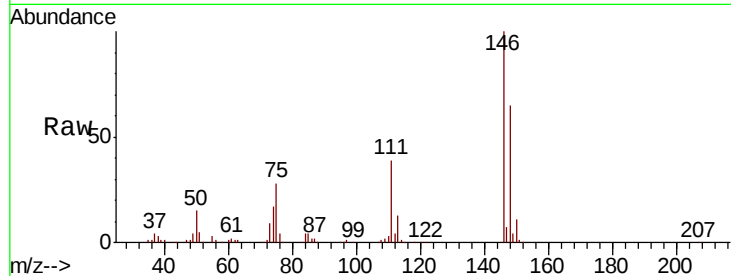
Tot Ion:146 Resp: 162199

Ion Ratio Lower Upper

146 100

148 64.9 49.9 74.9

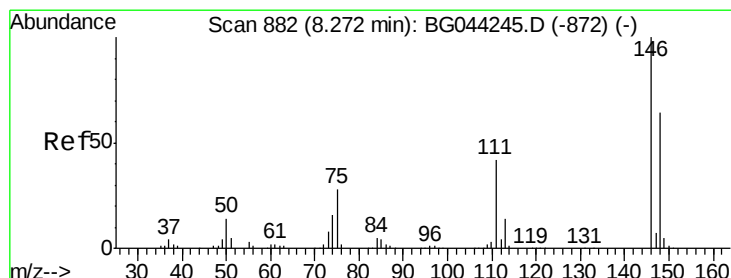
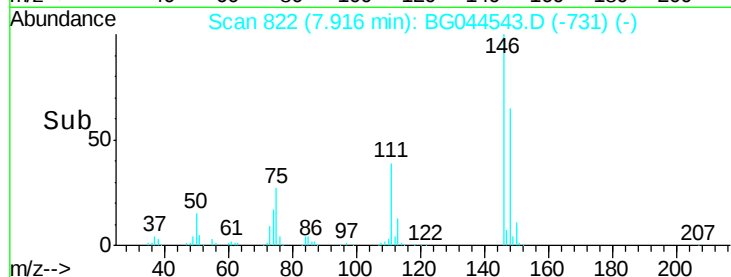
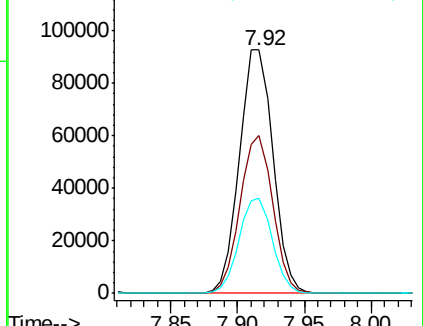
111 39.3 31.0 46.6



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: 42.351 ng

RT: 8.23 min Scan# 876

Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

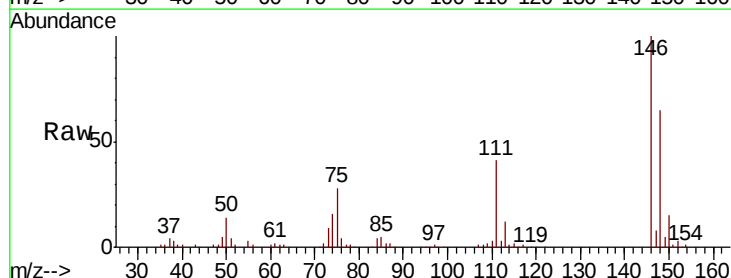
Tgt Ion:146 Resp: 152428

Ion Ratio Lower Upper

146 100

148 64.5 51.9 77.9

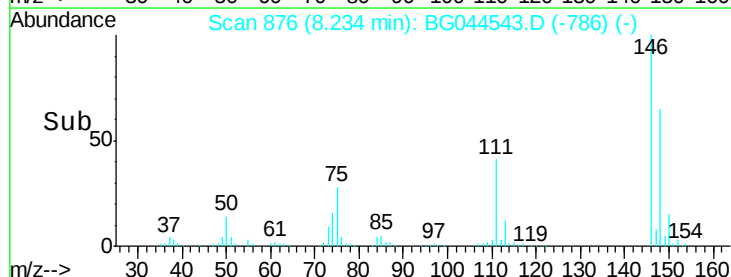
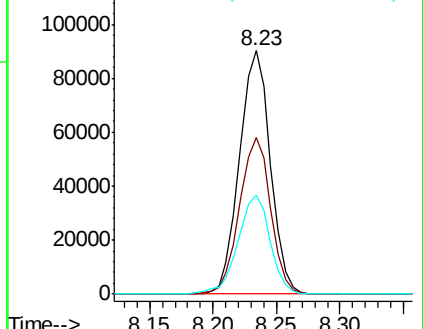
111 40.9 33.1 49.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.205 ng

RT: 8.12 min Scan# 856

Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Instrument :
BNA_G
ClientSampleId :

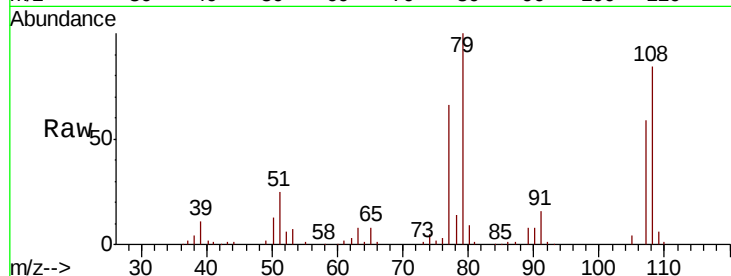
Tot Ion: 79 Resp: 123130

Ion Ratio Lower Upper

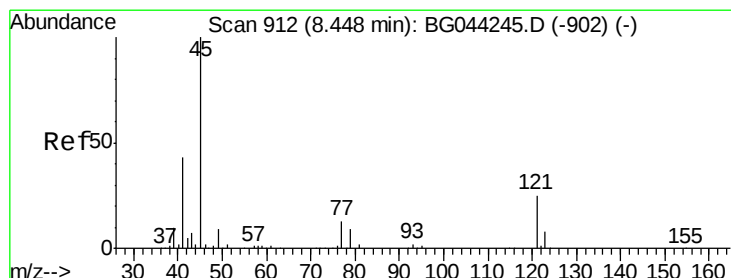
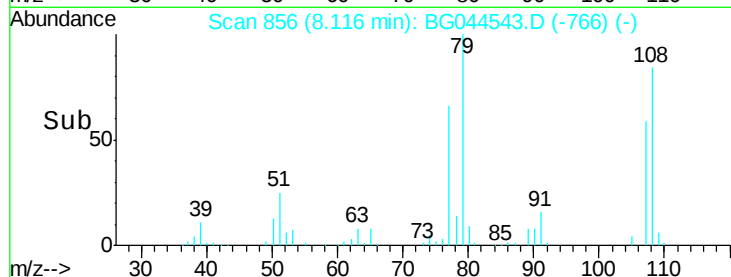
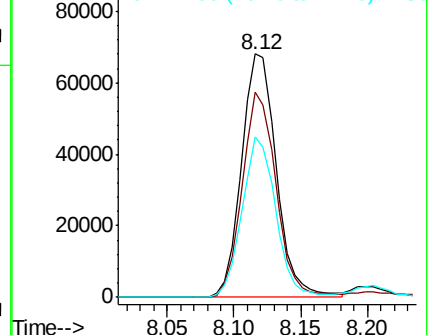
79 100

108 84.4 66.0 99.0

77 66.1 50.7 76.1



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: 39.695 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

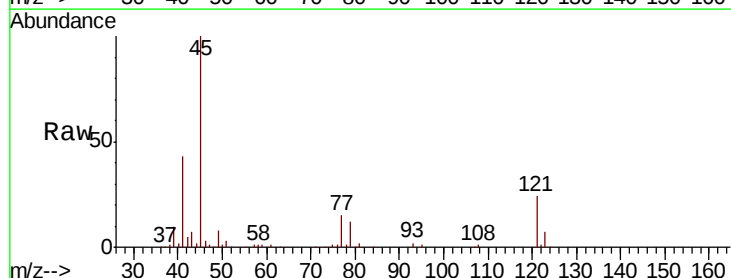
Tgt Ion: 45 Resp: 178848

Ion Ratio Lower Upper

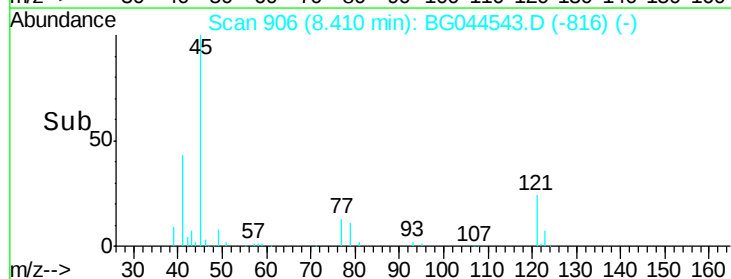
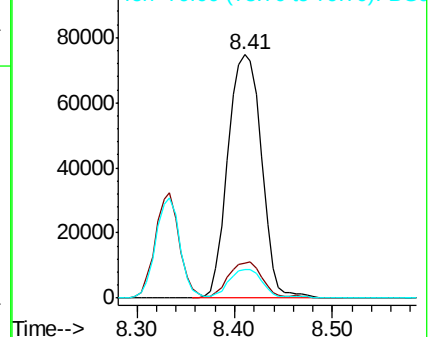
45 100

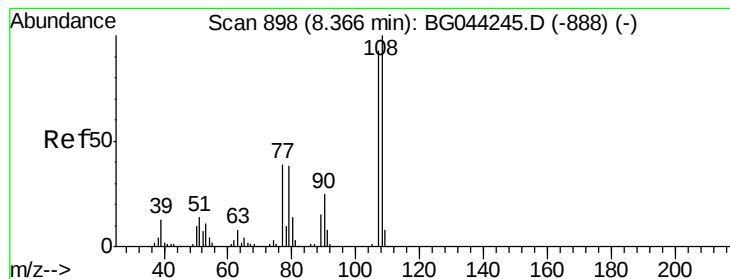
77 14.6 0.0 35.2

79 11.8 0.0 30.9



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: 46.855 ng

RT: 8.33 min Scan# 893

Delta R.T. 0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 130169

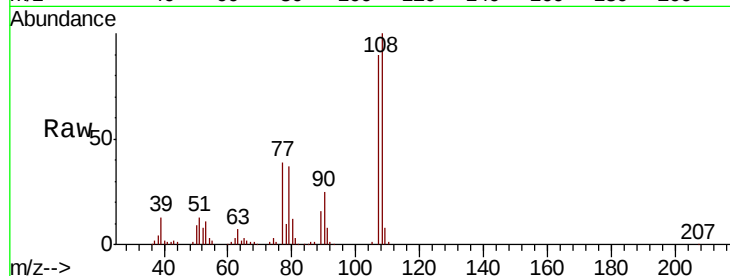
Ion Ratio Lower Upper

107 100

108 111.0 88.1 132.1

77 42.9 33.8 50.6

79 40.9 32.7 49.1

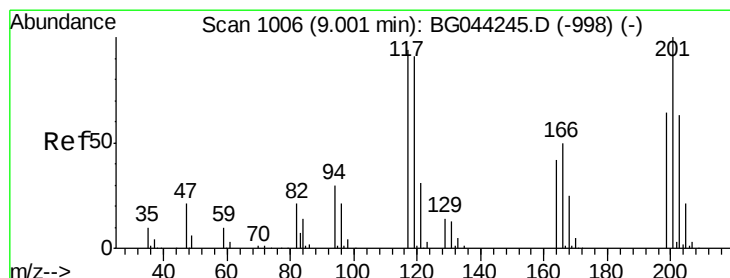
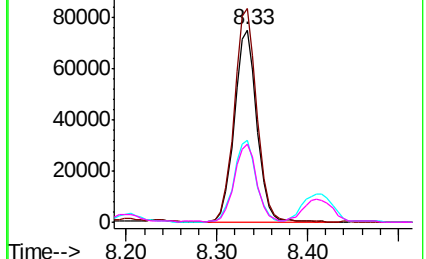
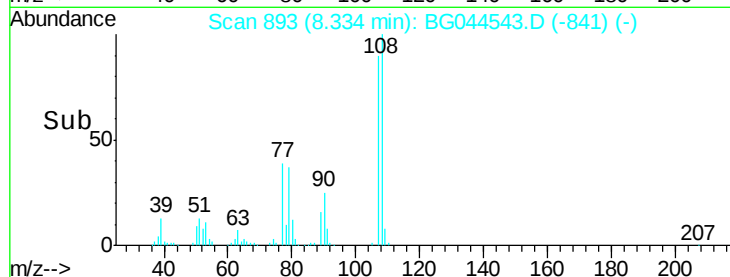


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.581 ng

RT: 8.96 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

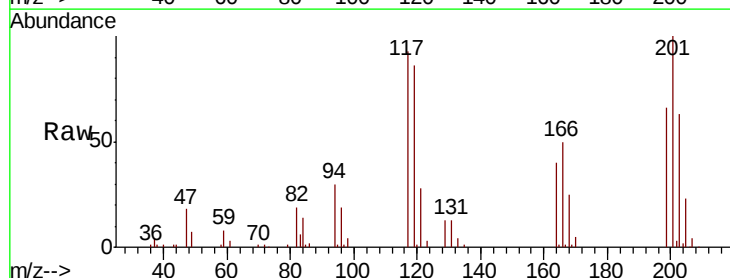
Tgt Ion:117 Resp: 57986

Ion Ratio Lower Upper

117 100

119 92.8 75.5 113.3

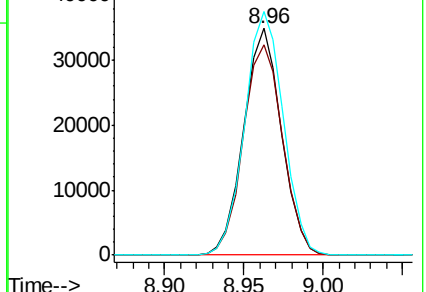
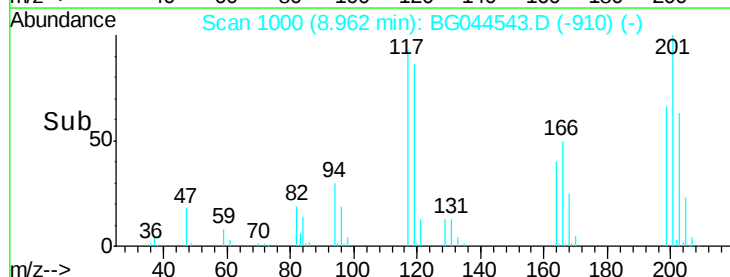
201 107.3 88.6 133.0

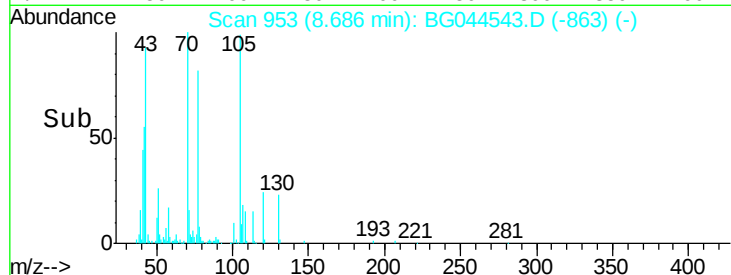
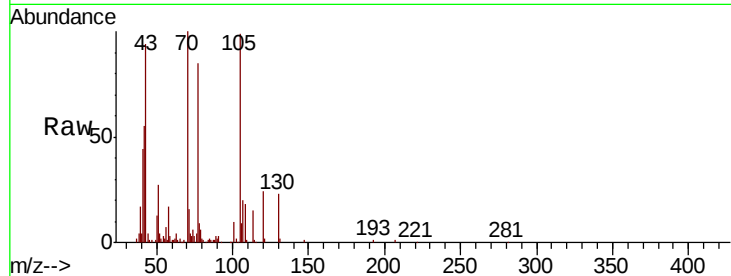


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

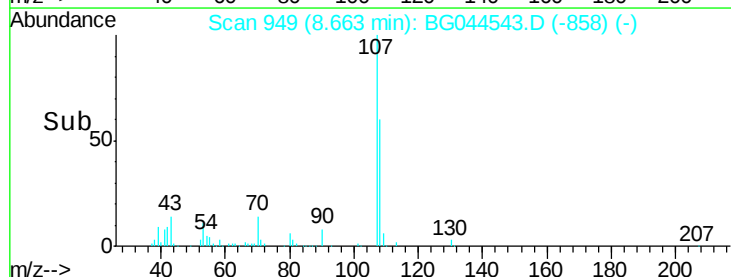
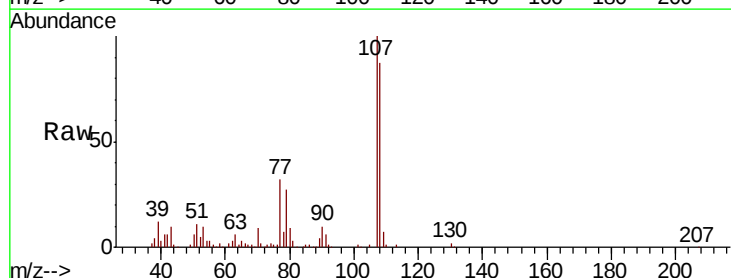
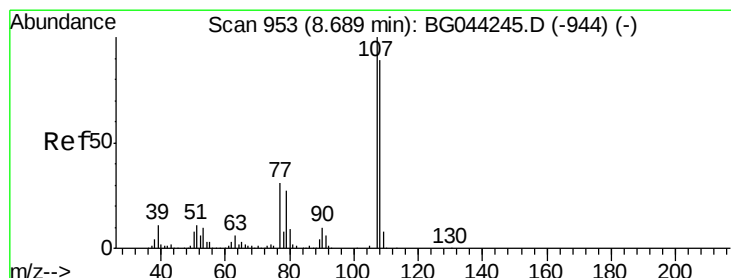
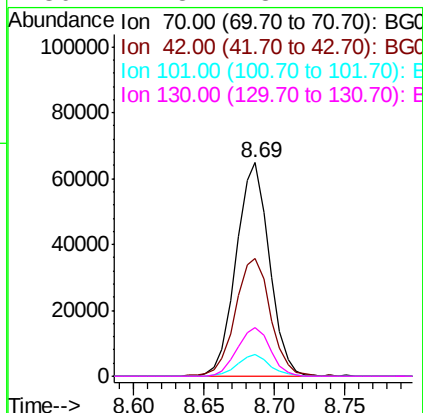




#19
n-Nitroso-di-n-propylamine
Concen: 40.706 ng
RT: 8.69 min Scan# 953
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

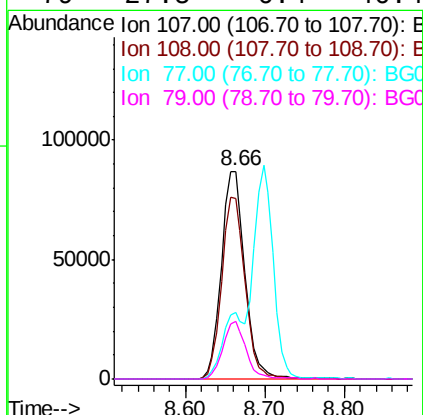
Instrument :
BNA_G
ClientSampled :

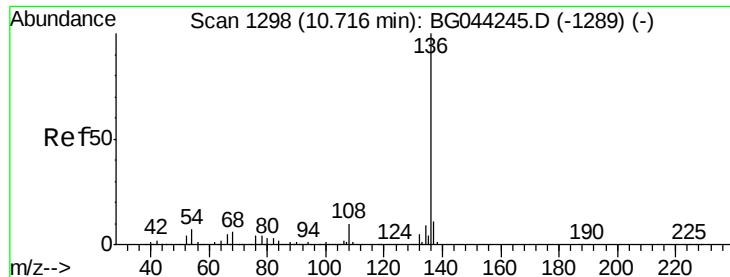
Tot Ion: 70 Resp: 106735
Ion Ratio Lower Upper
70 100
42 55.4 44.0 66.0
101 10.3 7.6 11.4
130 22.8 18.2 27.2



#20
3+4-Methylphenols
Concen: 46.634 ng
RT: 8.66 min Scan# 949
Delta R.T. 0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Tgt Ion:107 Resp: 178546
Ion Ratio Lower Upper
107 100
108 87.1 69.2 109.2
77 32.0 10.5 50.5
79 27.5 6.4 46.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.68 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 213230

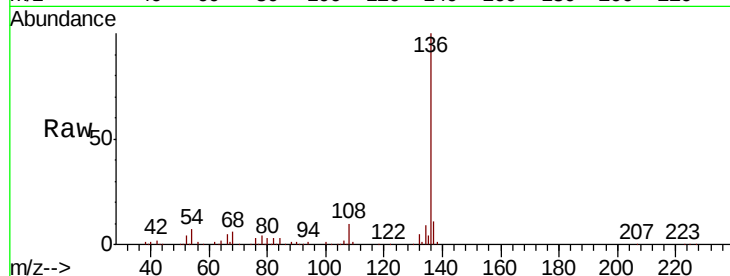
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 7.1 5.5 8.3

68 6.0 4.6 6.8

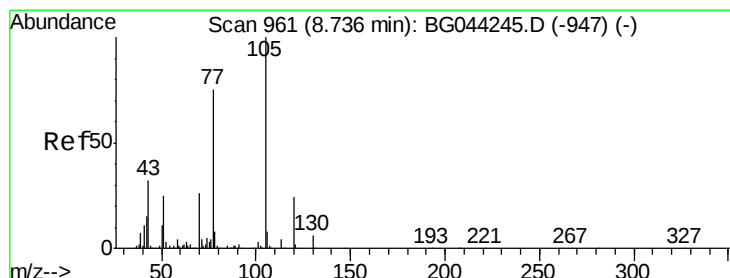
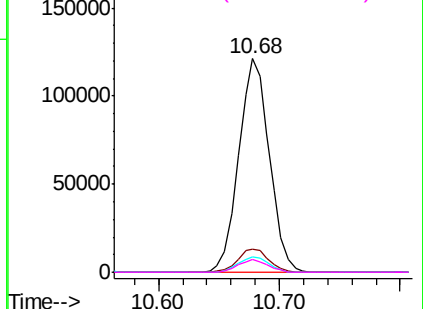
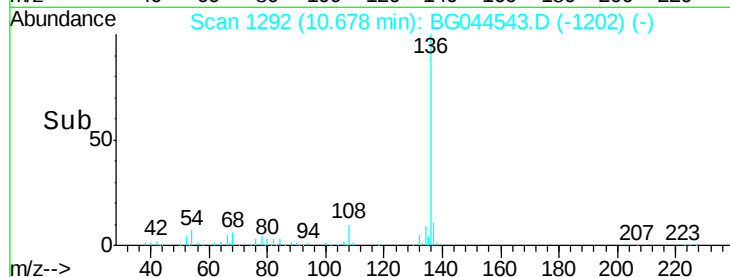


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 39.871 ng

RT: 8.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Tgt Ion:105 Resp: 206822

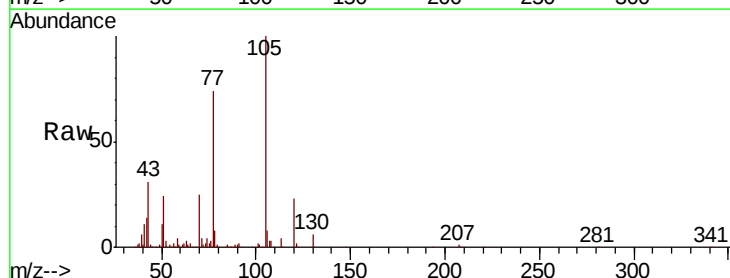
Ion Ratio Lower Upper

105 100

71 4.2 4.2 6.4#

51 24.3 20.1 30.1

120 23.2 18.9 28.3

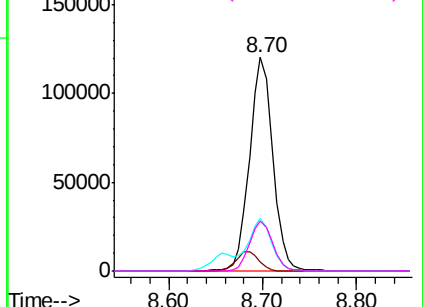
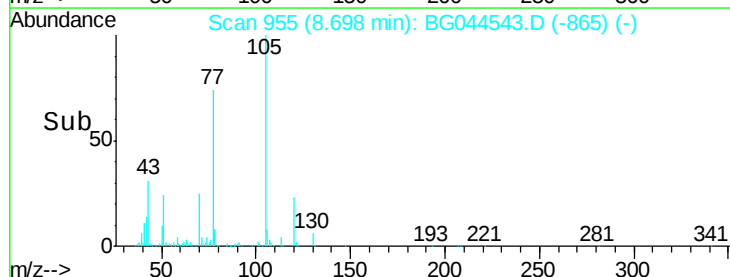


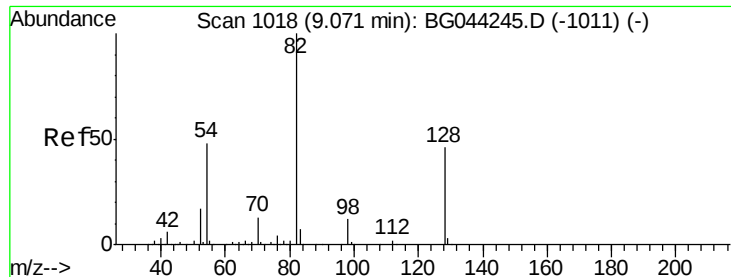
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

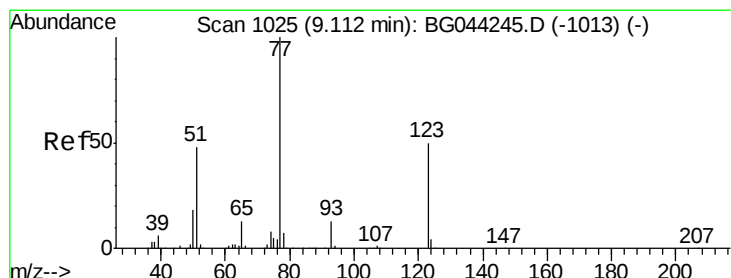
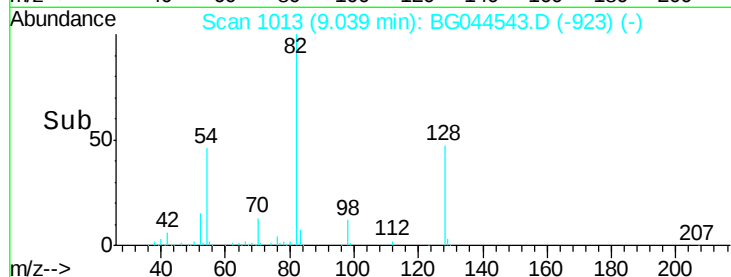
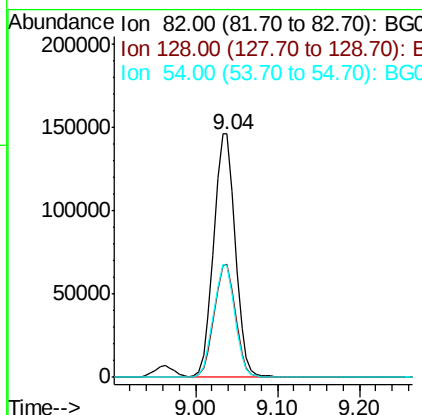
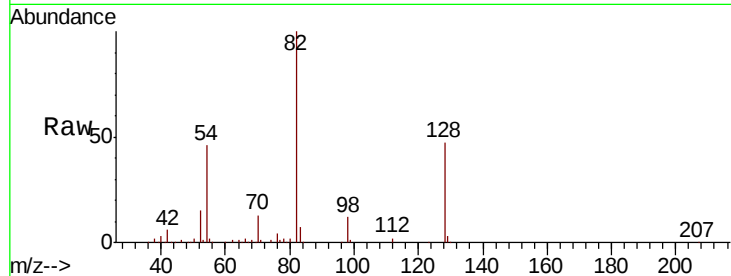




#23
Nitrobenzene-d5
Concen: 71.534 ng
RT: 9.04 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

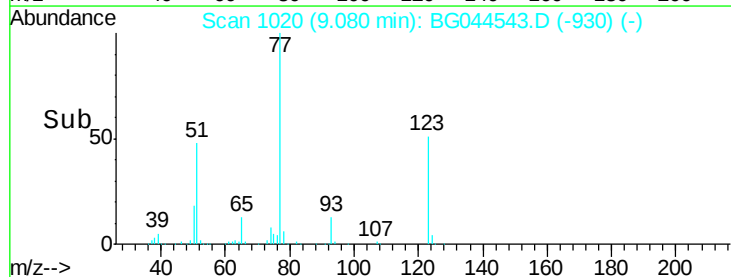
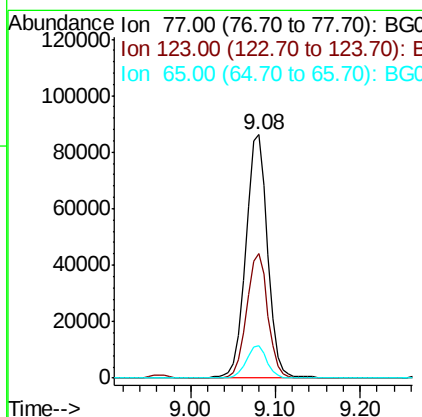
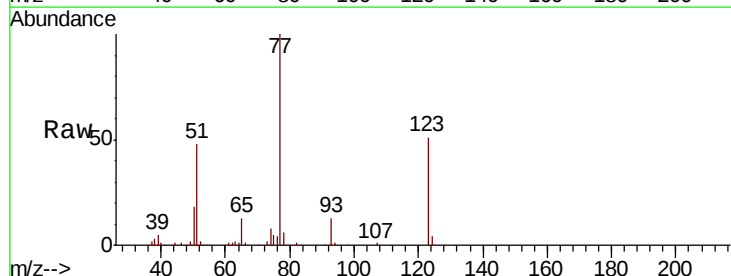
Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	270178
Ion Ratio	100	Lower	Upper
128	46.6	39.1	58.7
54	46.0	37.9	56.9



#24
Nitrobenzene
Concen: 41.982 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Tgt Ion	77	Resp	154797
Ion Ratio	100	Lower	Upper
123	51.4	40.2	60.2
65	13.1	10.8	16.2





#25

Isophorone

Concen: 42.961 ng

RT: 9.60 min Scan# 1109

Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Instrument :

BNA_G

ClientSampleId :

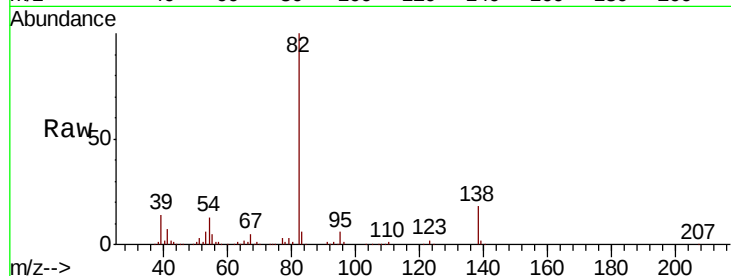
Tot Ion: 82 Resp: 302430

Ion Ratio Lower Upper

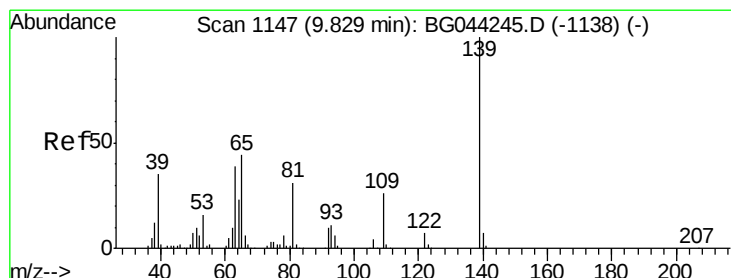
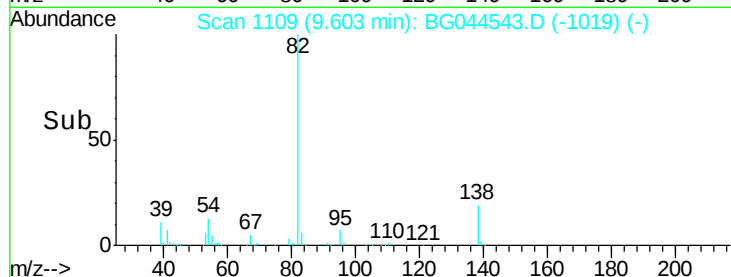
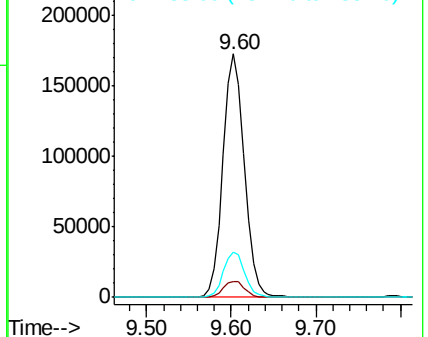
82 100

95 6.5 5.5 8.3

138 18.4 14.6 22.0



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



#26

2-Nitrophenol

Concen: 45.657 ng

RT: 9.79 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

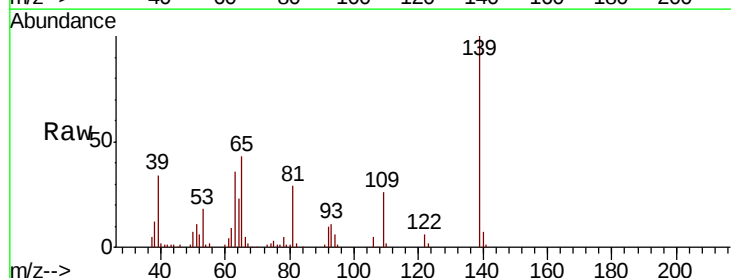
Tgt Ion: 139 Resp: 87353

Ion Ratio Lower Upper

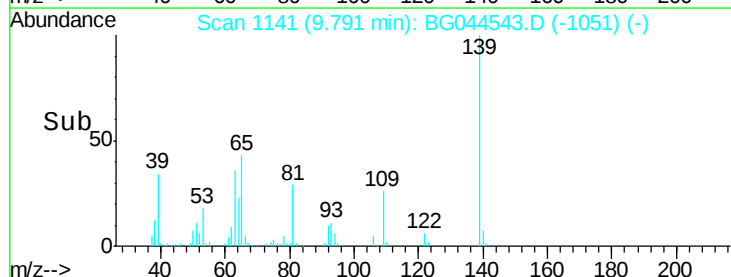
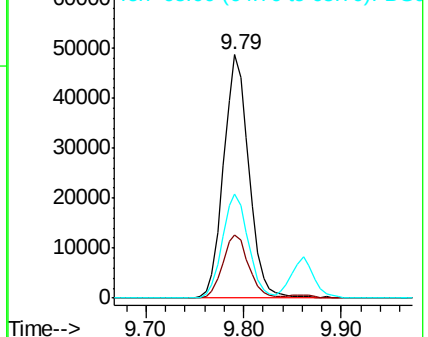
139 100

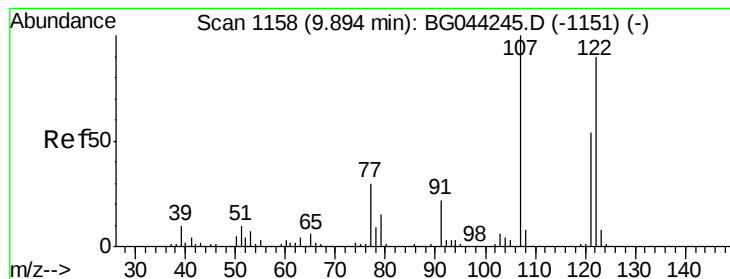
109 25.8 20.1 30.1

65 43.0 35.4 53.2



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





#27

2,4-Dimethylphenol

Concen: 53.929 ng

RT: 9.86 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Instrument :

BNA_G

ClientSampleId :

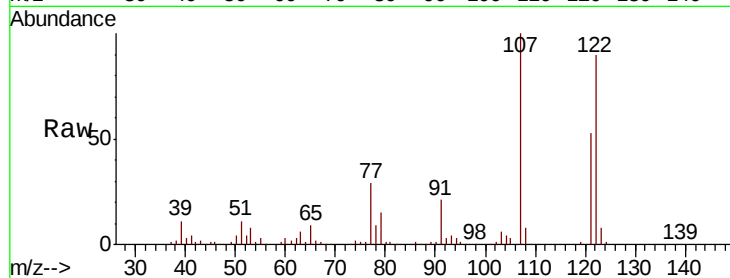
Tot Ion:122 Resp: 145649

Ion Ratio Lower Upper

122 100

107 110.7 89.8 134.8

121 58.5 48.1 72.1

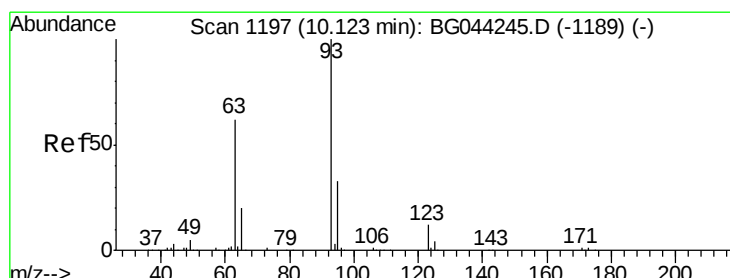
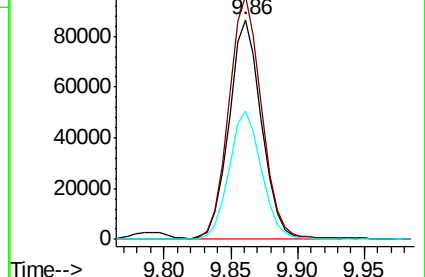
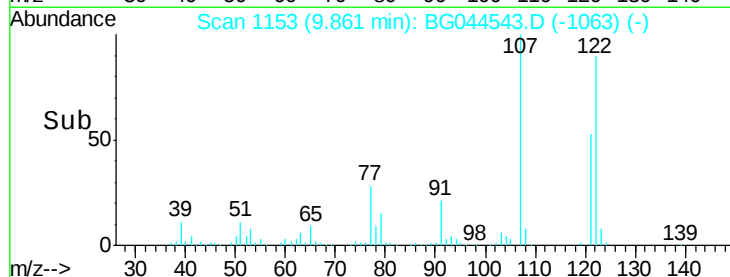


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

9.86



#28

bis(2-Chloroethoxy)methane

Concen: 40.412 ng

RT: 10.09 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

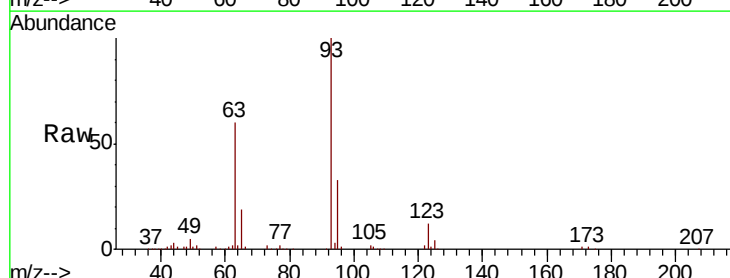
Tgt Ion: 93 Resp: 189778

Ion Ratio Lower Upper

93 100

95 33.4 26.5 39.7

123 12.3 9.4 14.0

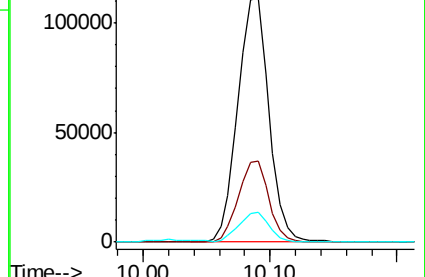
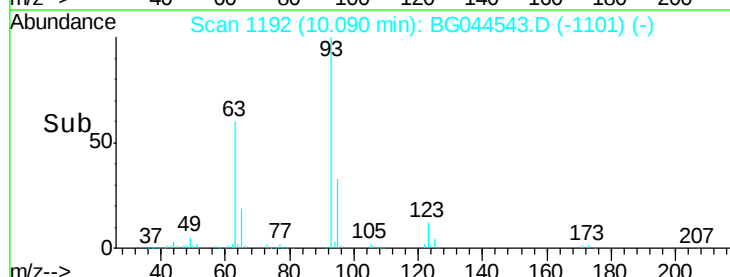


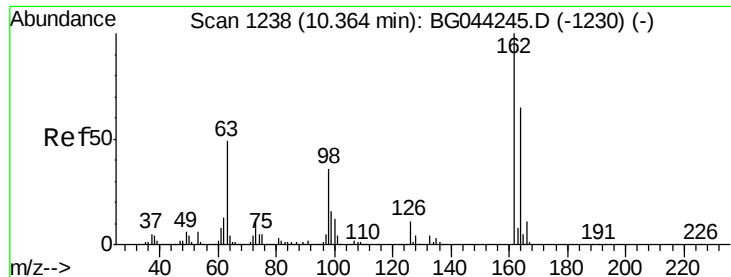
Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

10.09

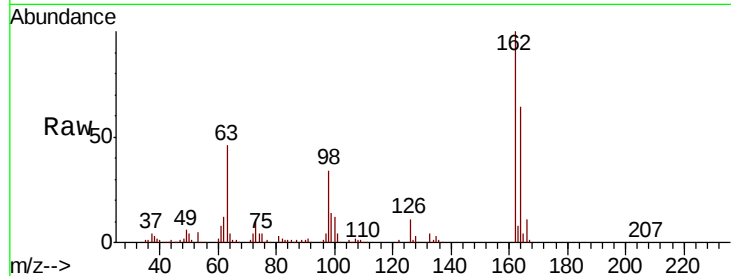




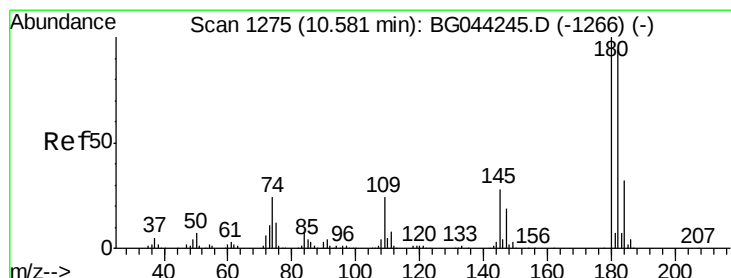
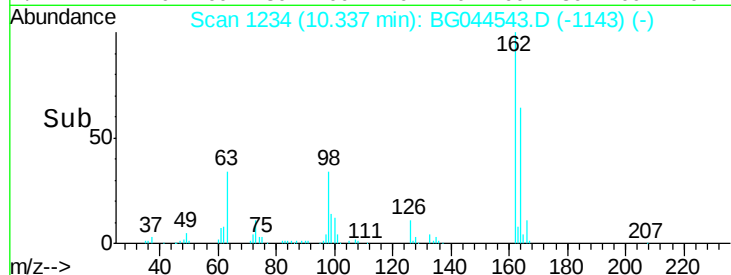
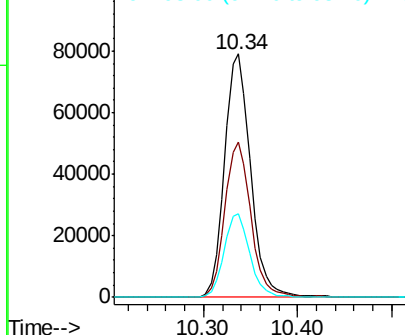
#29
2,4-Dichlorophenol
Concen: 46.725 ng
RT: 10.34 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	45.5	85.5
98	34.3	15.1	55.1

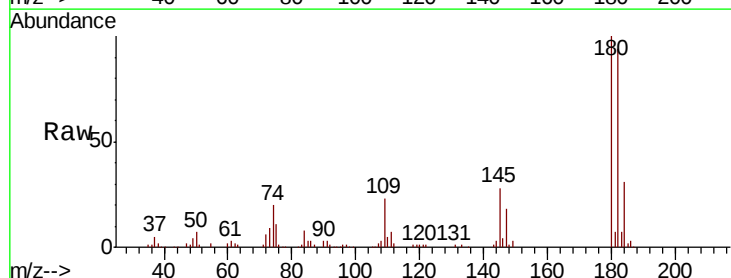


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

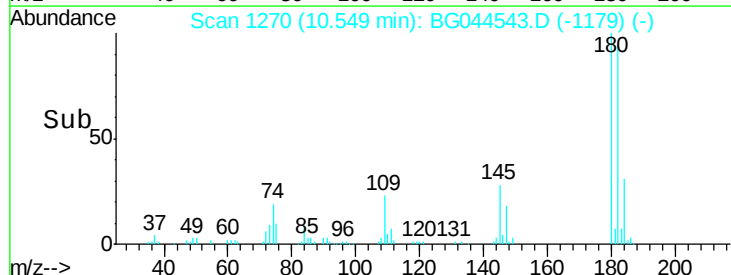
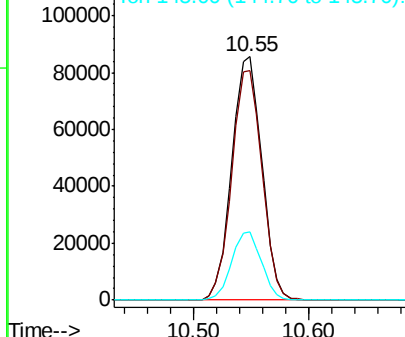


#30
1,2,4-Trichlorobenzene
Concen: 41.199 ng
RT: 10.55 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	74.4	111.6
145	28.2	23.0	34.6



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

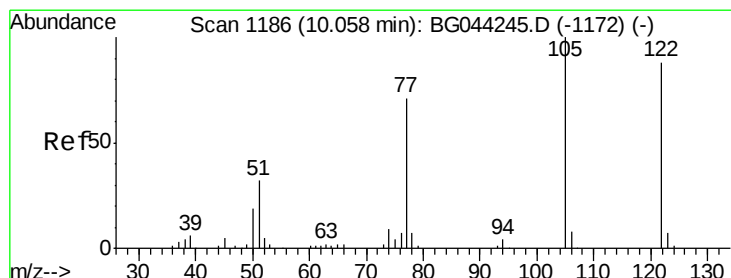
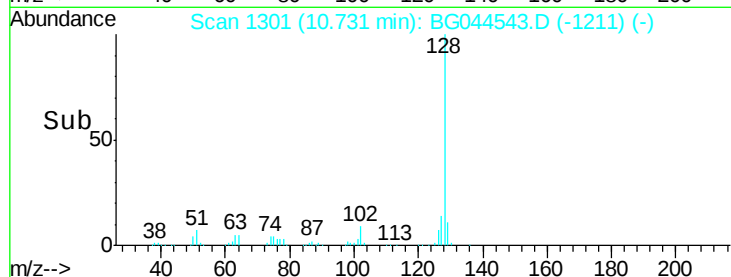
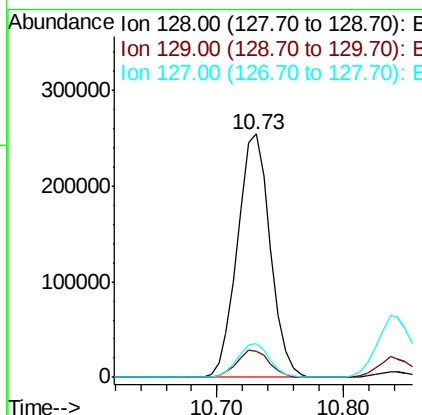
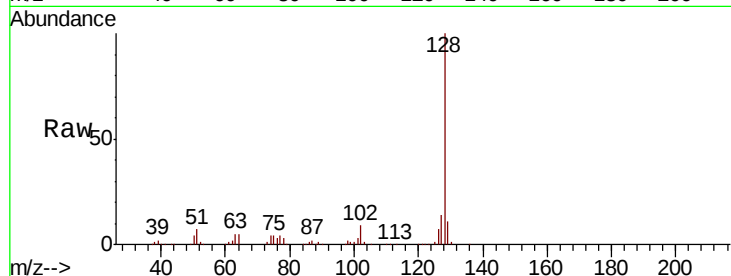




#31
Naphthalene
Concen: 44.001 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

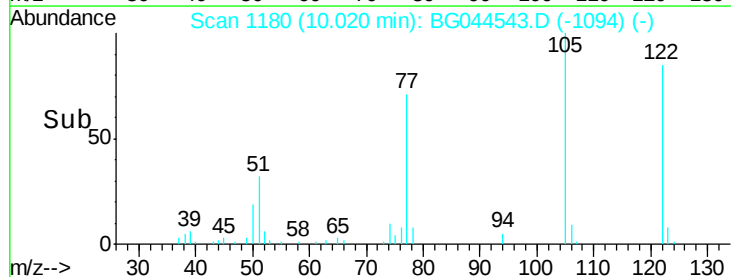
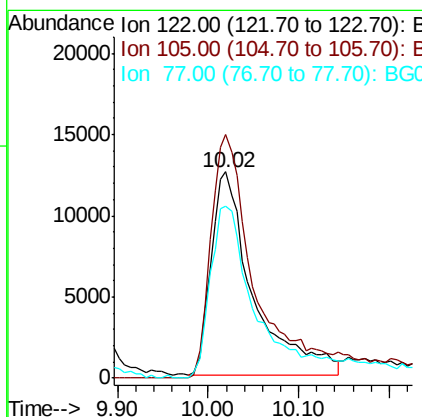
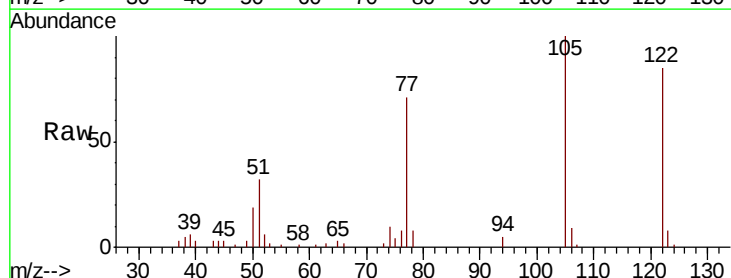
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 455200
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 13.6 11.4 17.0



#32
Benzoic acid
Concen: 30.376 ng
RT: 10.02 min Scan# 1180
Delta R.T. -0.03 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Tgt Ion:122 Resp: 40903
Ion Ratio Lower Upper
122 100
105 118.1 101.4 141.4
77 83.6 68.6 108.6

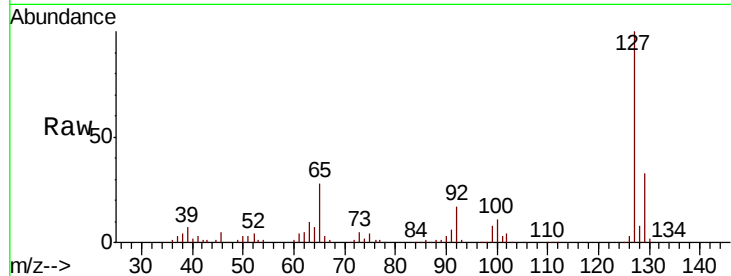




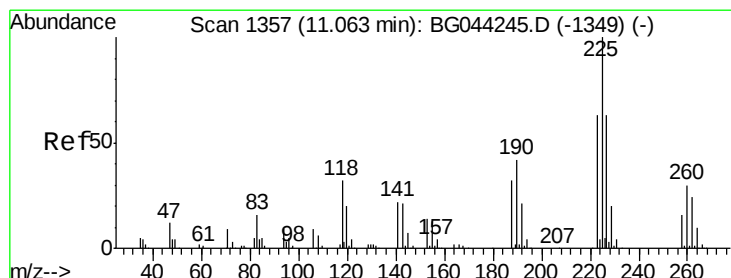
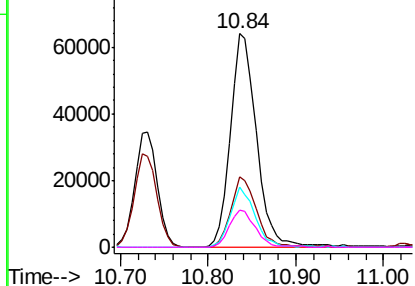
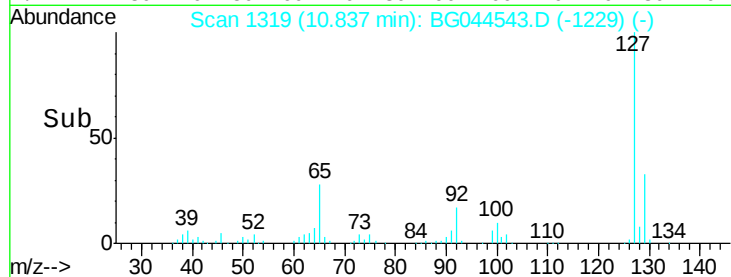
#33
4-Chloroaniline
Concen: 27.724 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	130442
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.8	38.8
65	28.0	22.1	33.1
92	17.2	14.6	22.0

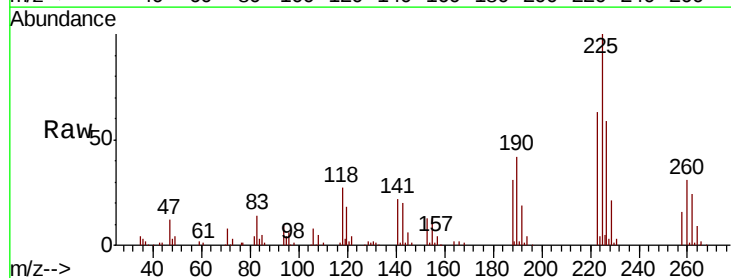


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

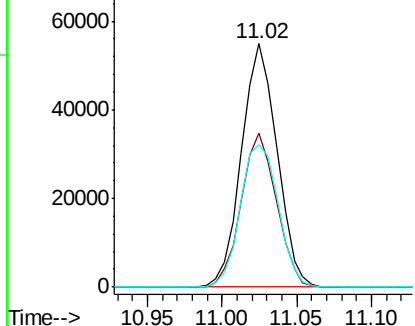
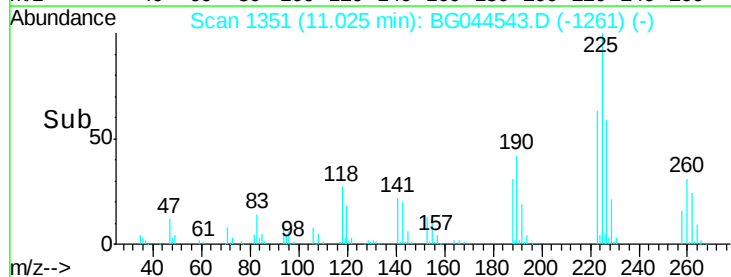


#34
Hexachlorobutadiene
Concen: 39.254 ng
RT: 11.02 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Tgt Ion:	225	Resp:	90446
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.4	75.6
227	58.7	51.0	76.6



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

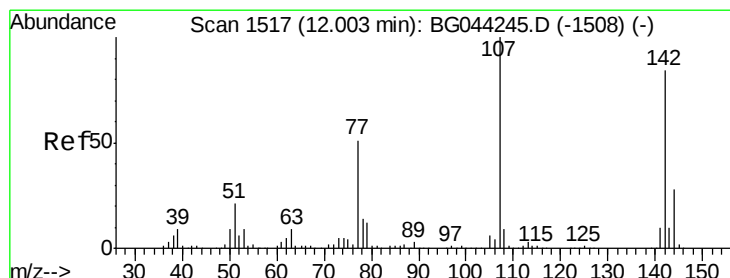
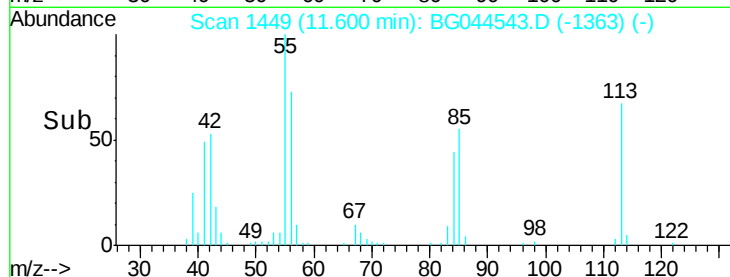
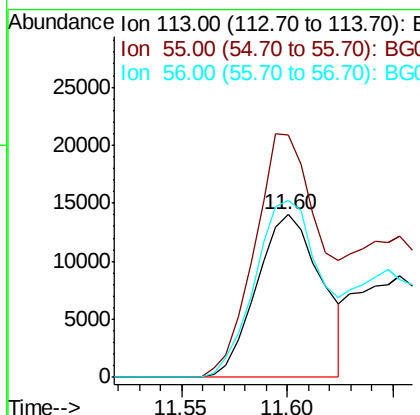
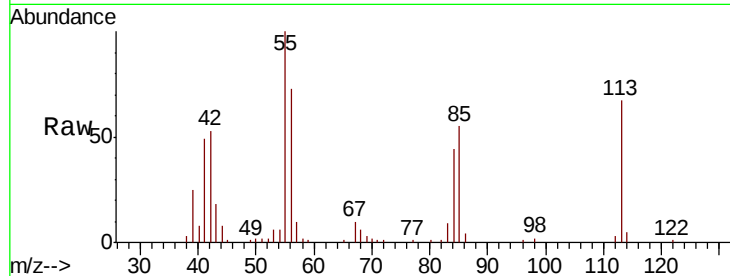




#35
Caprolactam
Concen: 24.971 ng
RT: 11.60 min Scan# 1449
Delta R.T. -0.03 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

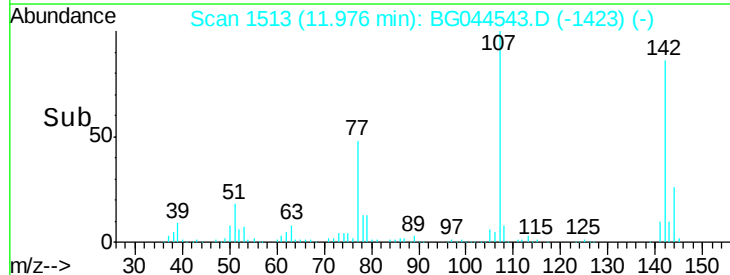
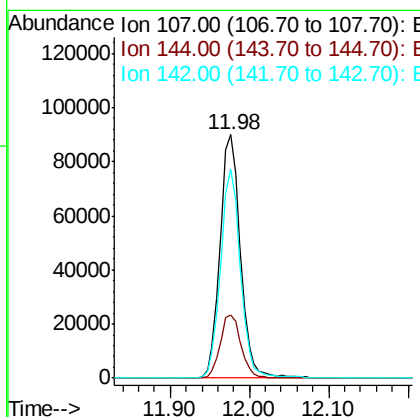
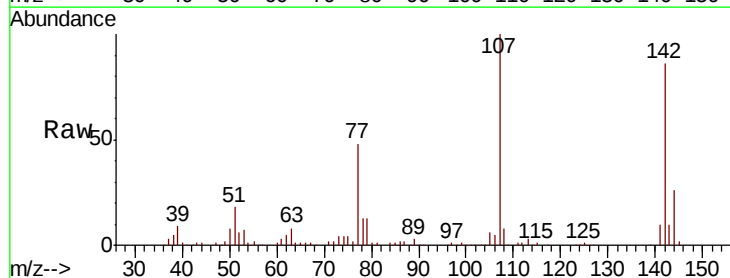
Instrument :
BNA_G
ClientSampled :

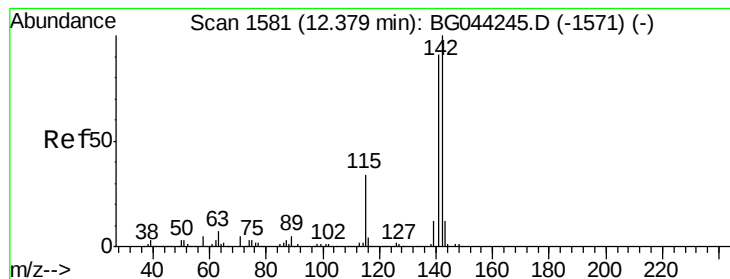
Tot Ion:113 Resp: 29872
Ion Ratio Lower Upper
113 100
55 149.2 126.4 166.4
56 109.0 85.8 125.8



#36
4-Chloro-3-methylphenol
Concen: 47.047 ng
RT: 11.98 min Scan# 1513
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Tgt Ion:107 Resp: 161084
Ion Ratio Lower Upper
107 100
144 26.2 22.7 34.1
142 86.0 67.7 101.5





#37

2-Methylnaphthalene

Concen: 44.386 ng

RT: 12.34 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Instrument :

BNA_G

ClientSampleId :

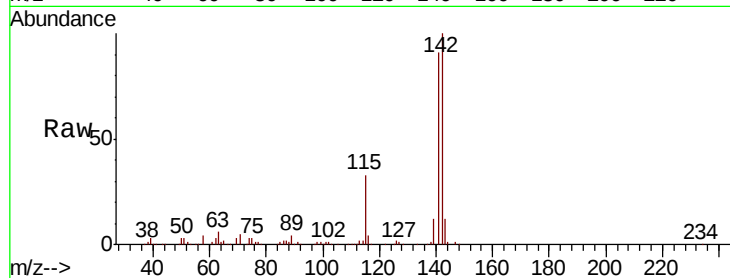
Tot Ion:142 Resp: 340935

Ion Ratio Lower Upper

142 100

141 91.2 71.9 107.9

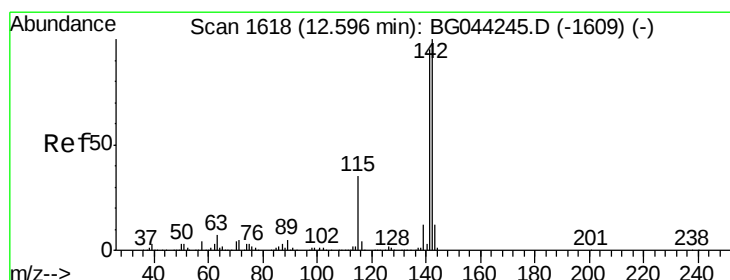
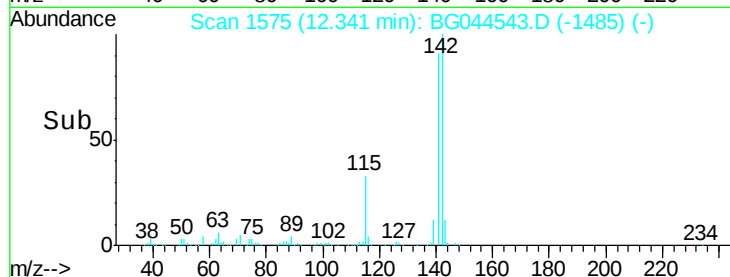
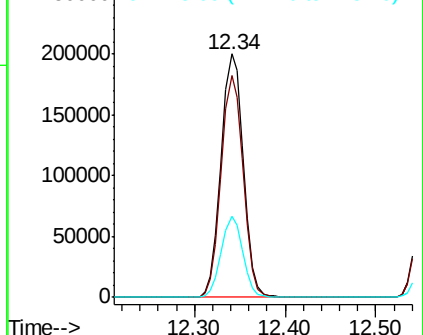
115 33.1 26.7 40.1



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: 44.546 ng

RT: 12.56 min Scan# 1612

Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

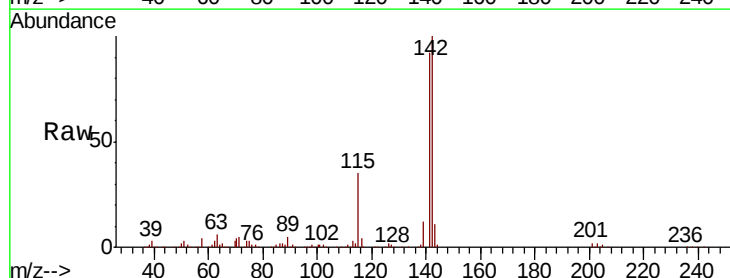
Tgt Ion:142 Resp: 322588

Ion Ratio Lower Upper

142 100

141 92.4 75.1 112.7

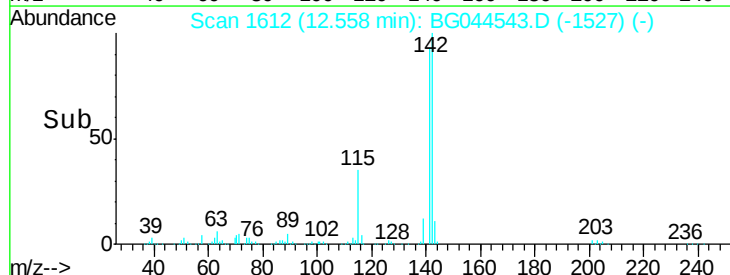
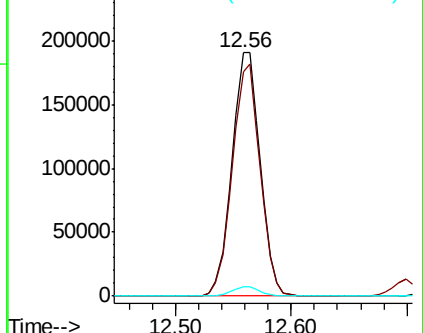
116 3.9 3.2 4.8



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

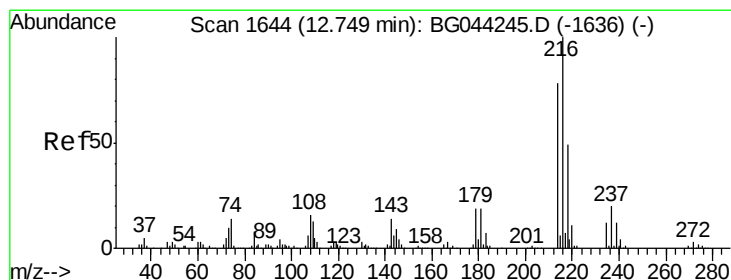
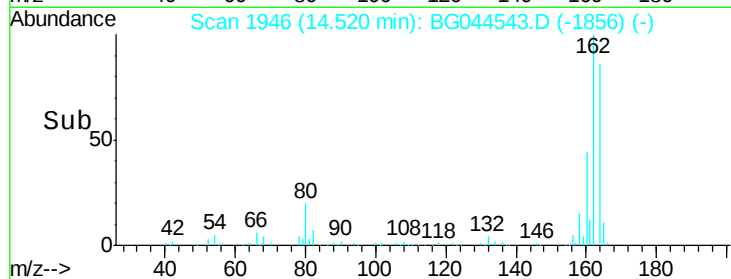
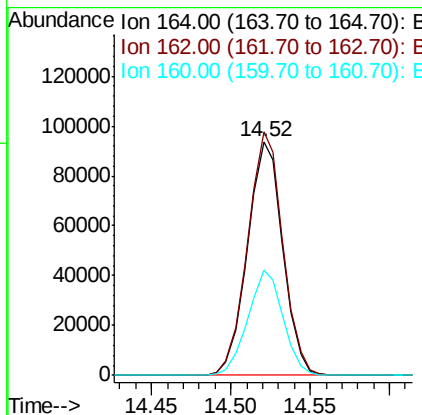
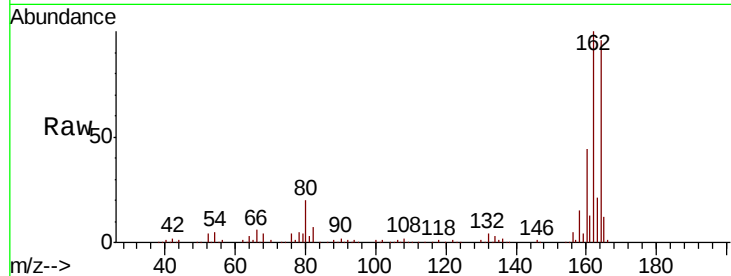




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.52 min Scan# 1946
 Delta R.T. -0.00 min
 Lab File: BG044543.D
 Acq: 21 Feb 2020 11:01

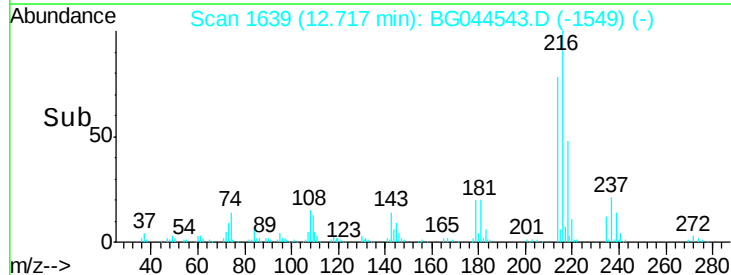
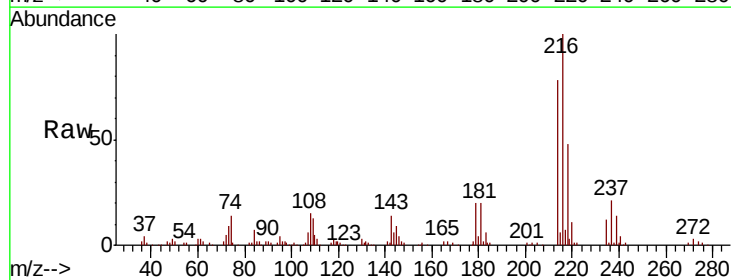
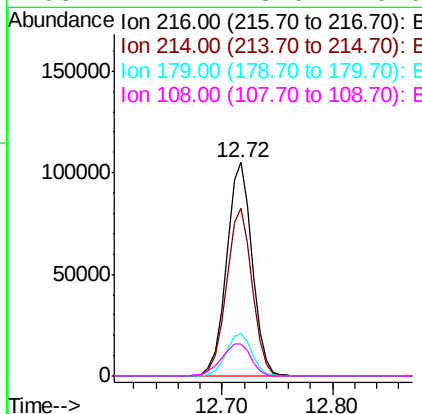
Instrument :
 BNA_G
 ClientSampleId :

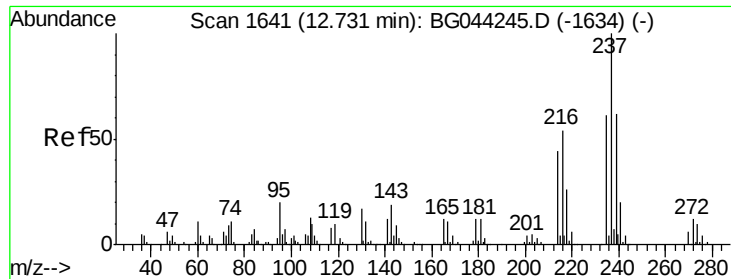
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.1	81.9	122.9
160	45.3	35.5	53.3



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.281 ng
 RT: 12.72 min Scan# 1639
 Delta R.T. -0.00 min
 Lab File: BG044543.D
 Acq: 21 Feb 2020 11:01

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	64.0	96.0
179	20.0	16.3	24.5
108	17.7	13.0	19.6





#41

Hexachlorocyclopentadiene

Concen: 80.402 ng

RT: 12.70 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Instrument :

BNA_G

ClientSampled :

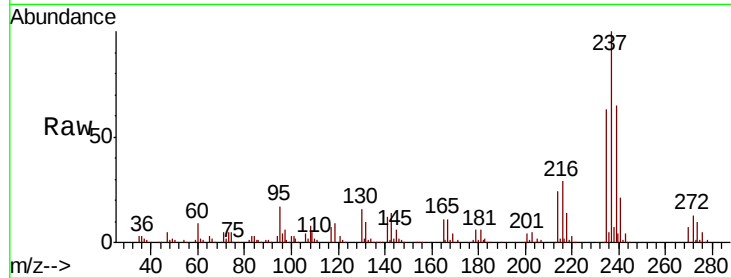
Tot Ion:237 Resp: 166809

Ion Ratio Lower Upper

237 100

235 62.6 41.7 81.7

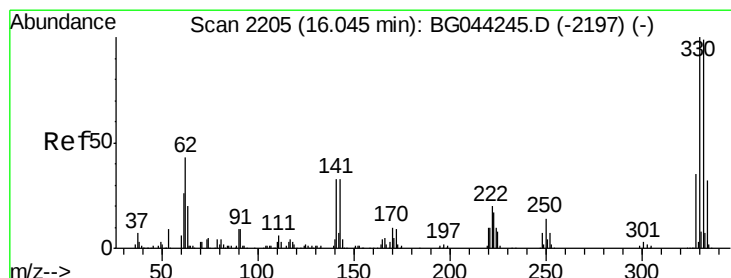
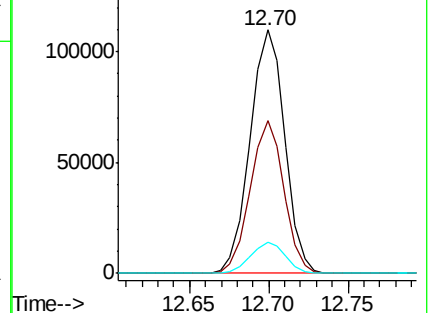
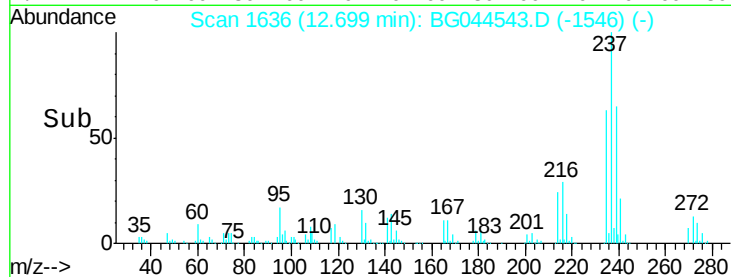
272 12.9 0.0 33.4



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: 135.097 ng

RT: 16.01 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

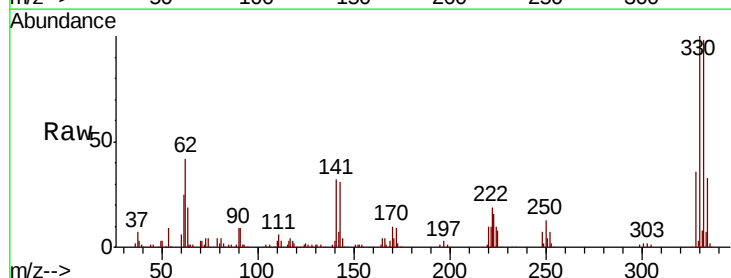
Tgt Ion:330 Resp: 229242

Ion Ratio Lower Upper

330 100

332 95.6 76.6 115.0

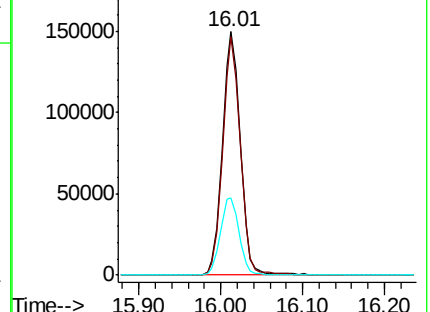
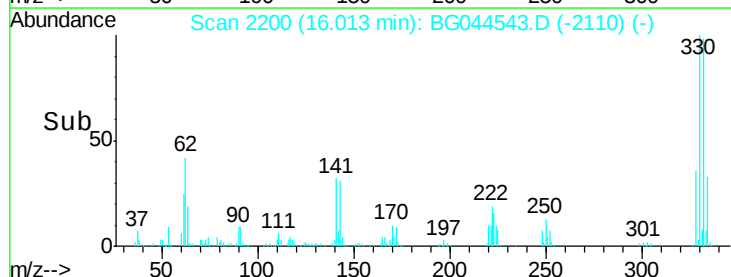
141 33.2 26.5 39.7



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

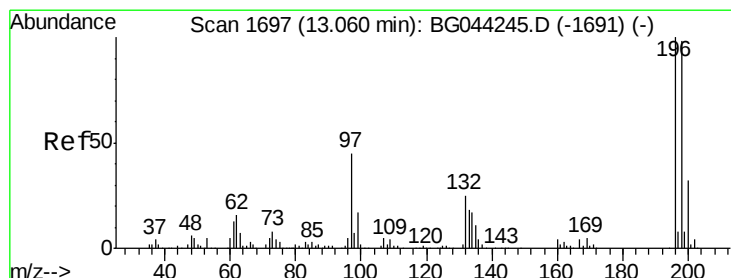
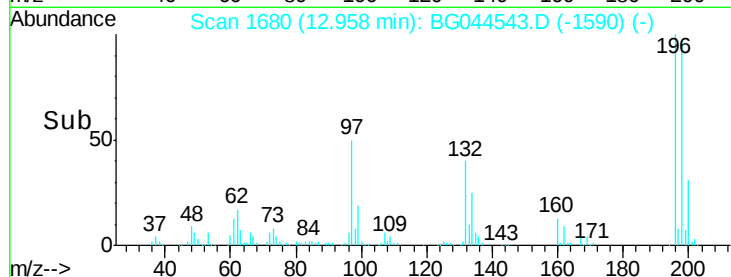
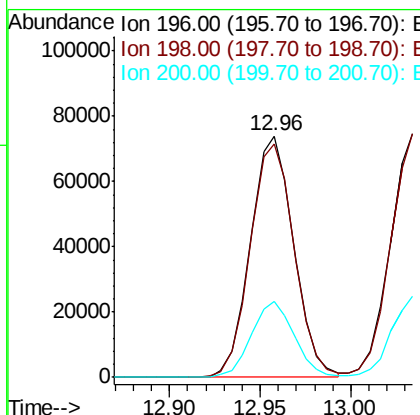
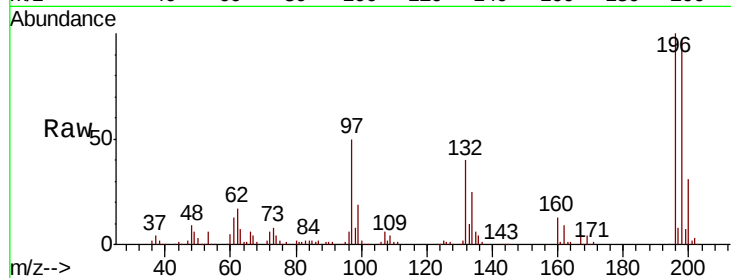




#43
 2,4,6-Trichlorophenol
 Concen: 43.698 ng
 RT: 12.96 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: BG044543.D
 Acq: 21 Feb 2020 11:01

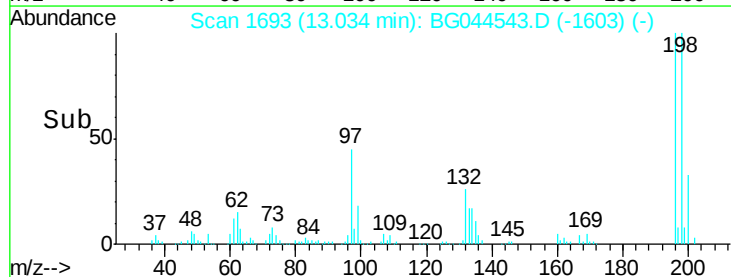
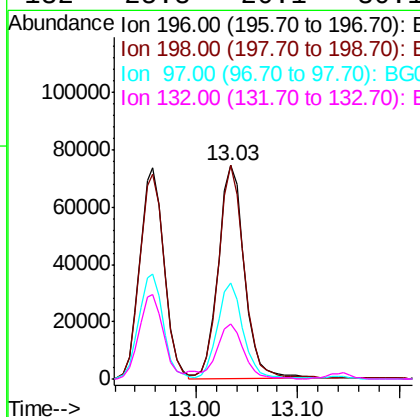
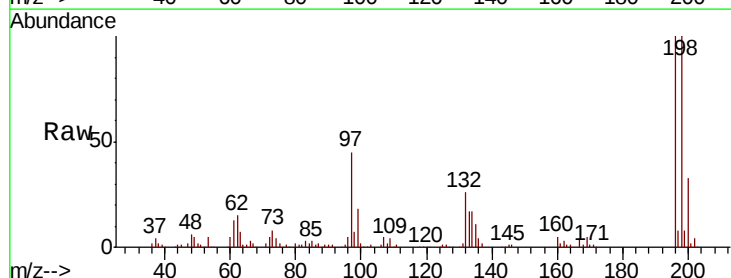
Instrument :
 BNA_G
 ClientSampled :

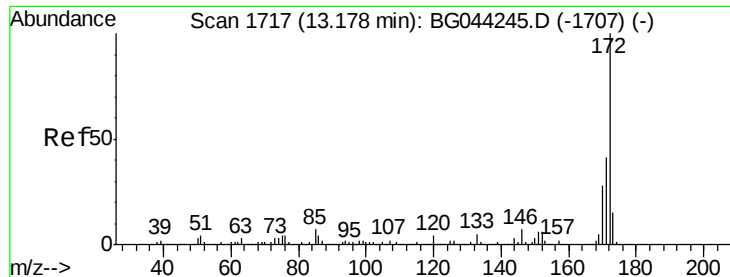
Tot Ion	196	Resp	122127
Ion	Ratio	Lower	Upper
196	100		
198	96.9	77.8	116.8
200	31.4	25.6	38.4



#44
 2,4,5-Trichlorophenol
 Concen: 46.408 ng
 RT: 13.03 min Scan# 1693
 Delta R.T. -0.00 min
 Lab File: BG044543.D
 Acq: 21 Feb 2020 11:01

Tgt Ion	196	Resp	132477
Ion	Ratio	Lower	Upper
196	100		
198	99.9	79.9	119.9
97	45.0	35.2	52.8
132	25.8	20.1	30.1

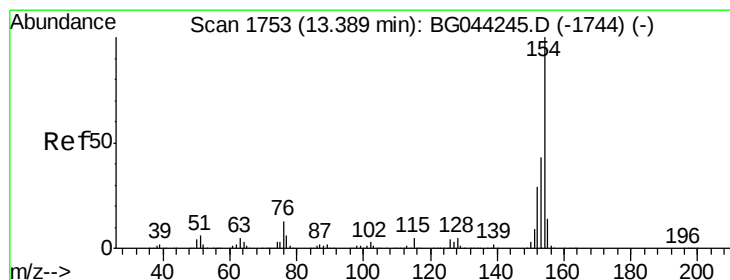
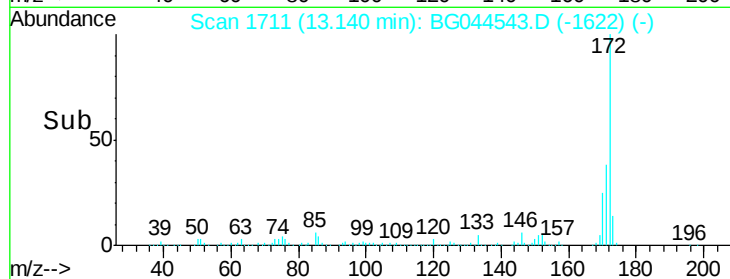
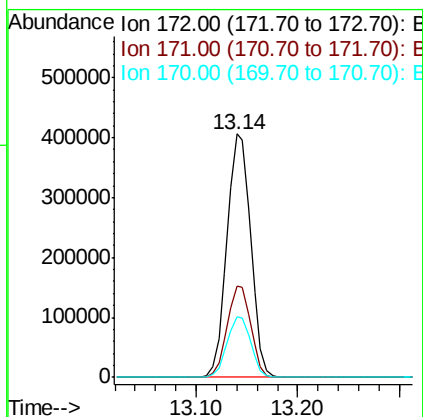
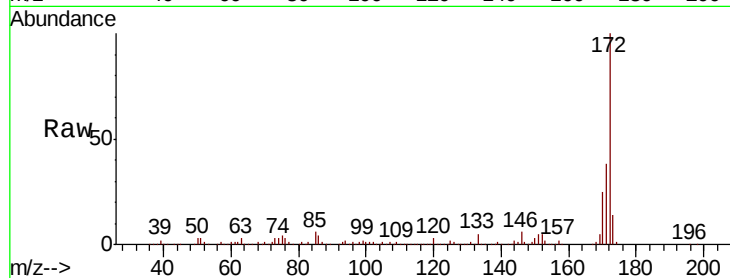




#45
2-Fluorobiphenyl
Concen: 76.269 ng
RT: 13.14 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

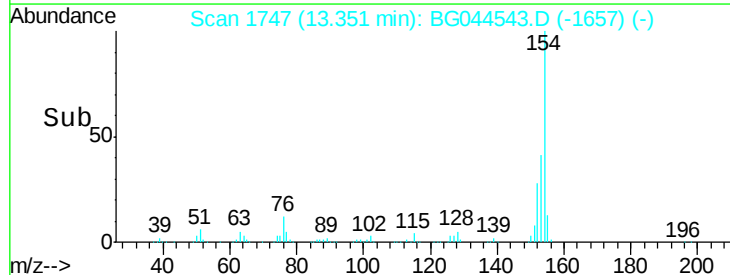
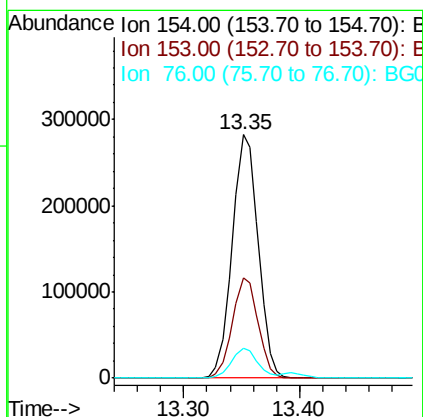
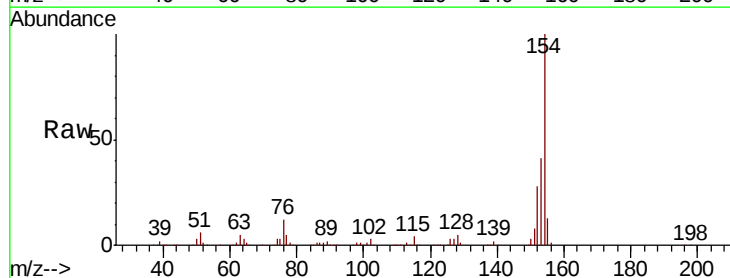
Instrument :
BNA_G
ClientSampled :

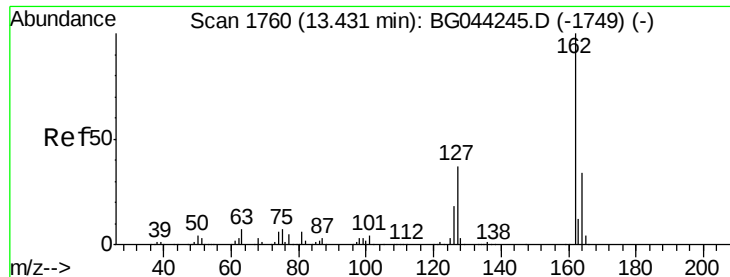
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	32.3	48.5
170	25.1	21.6	32.4



#46
1,1'-Biphenyl
Concen: 42.122 ng
RT: 13.35 min Scan# 1747
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	22.3	62.3
76	12.3	0.0	32.7

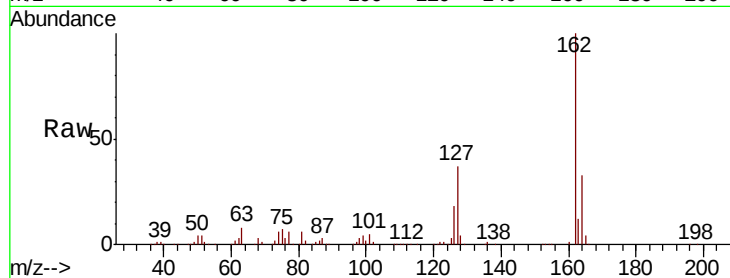




#47
 2-Chloronaphthalene
 Concen: 41.061 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.00 min
 Lab File: BG044543.D
 Acq: 21 Feb 2020 11:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.8	31.0	46.6
164	33.4	27.4	41.2

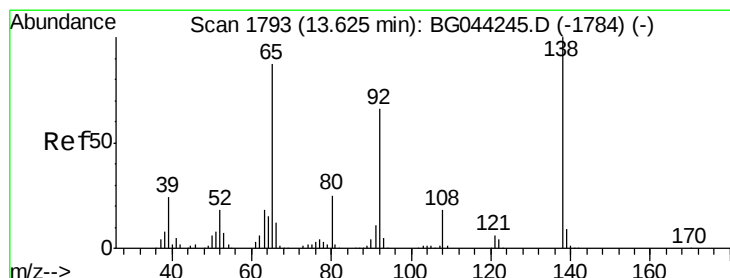
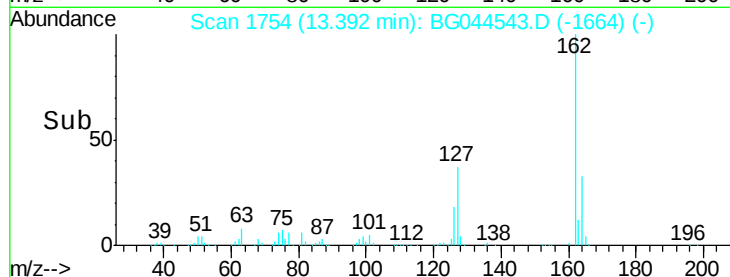
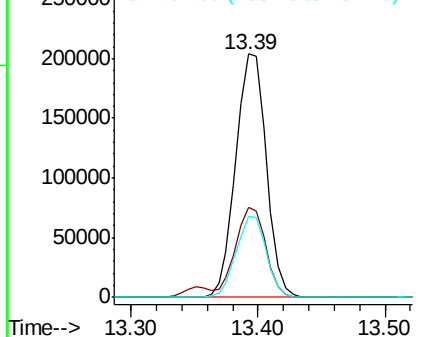


Abundance

Ion 162.00 (161.70 to 162.70): E

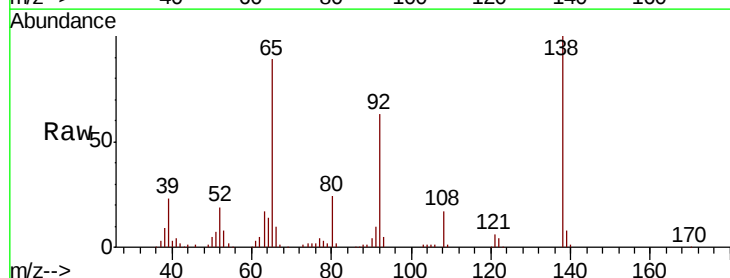
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 41.867 ng
 RT: 13.59 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: BG044543.D
 Acq: 21 Feb 2020 11:01

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.0	61.2	91.8
138	111.8	95.2	142.8

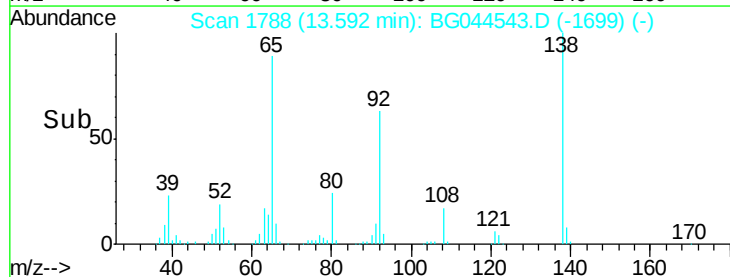
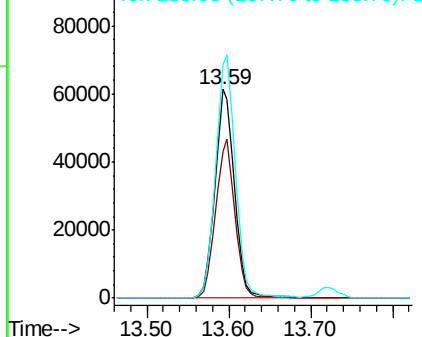


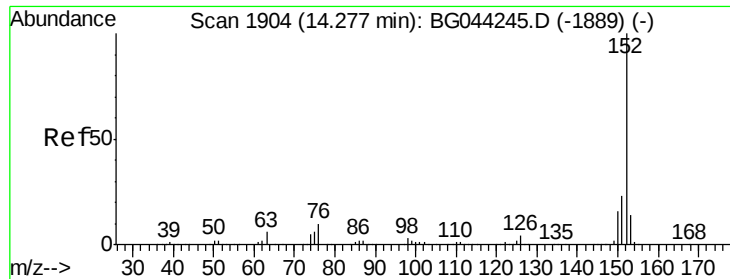
Abundance

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: 45.101 ng

RT: 14.24 min Scan# 1899

Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Instrument :

BNA_G

ClientSampleId :

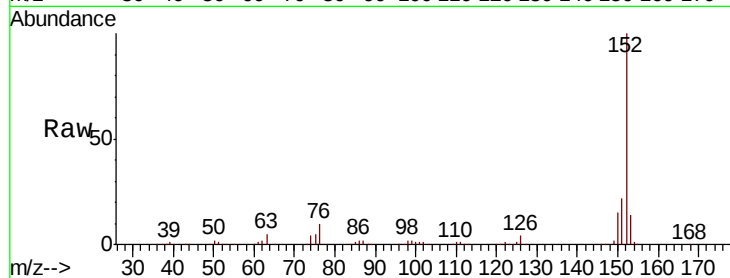
Tot Ion:152 Resp: 548824

Ion Ratio Lower Upper

152 100

151 21.5 18.2 27.2

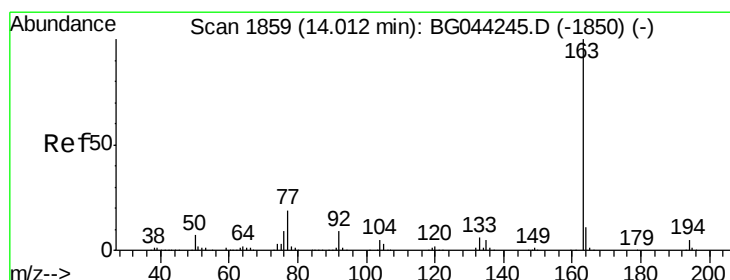
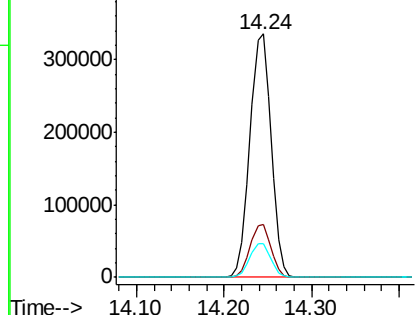
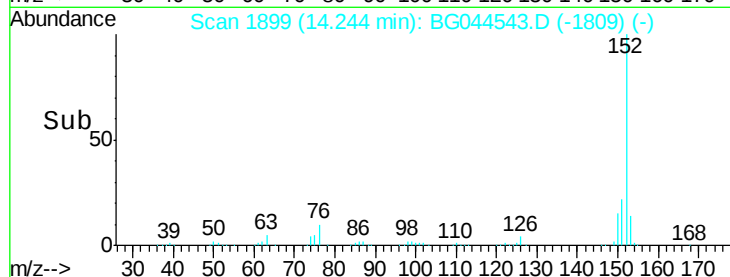
153 13.8 11.6 17.4



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: 43.917 ng

RT: 13.98 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

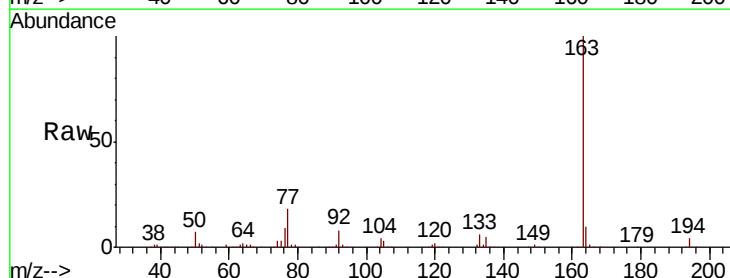
Tgt Ion:163 Resp: 456304

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

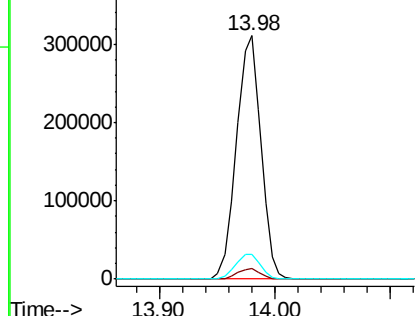
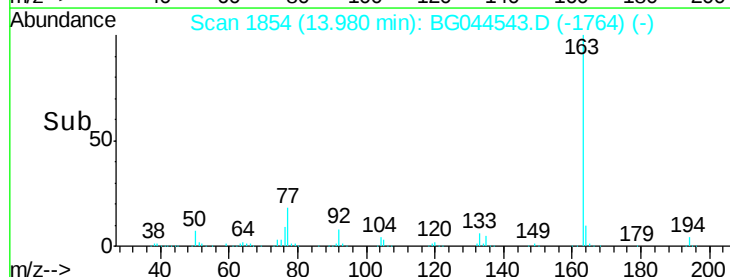
164 10.4 8.9 13.3

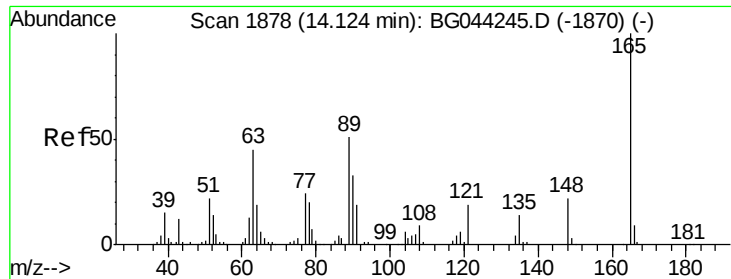


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

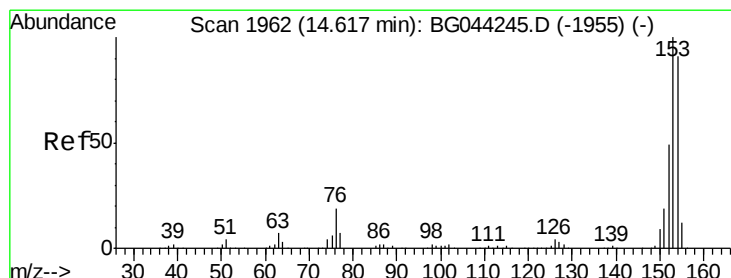
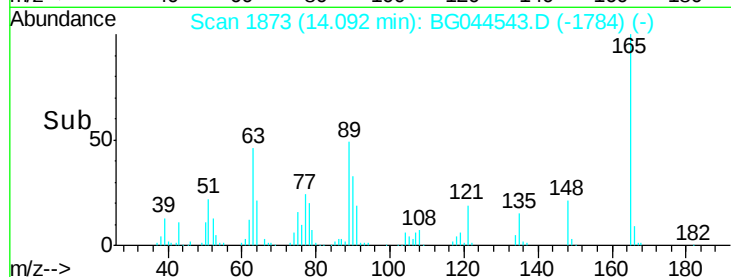
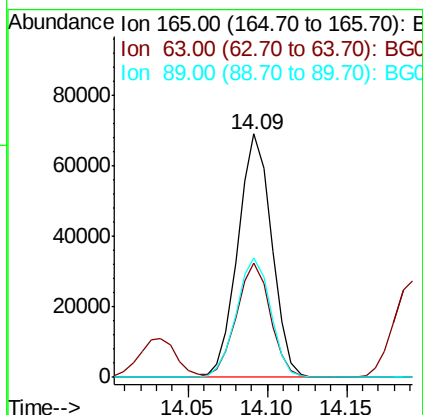
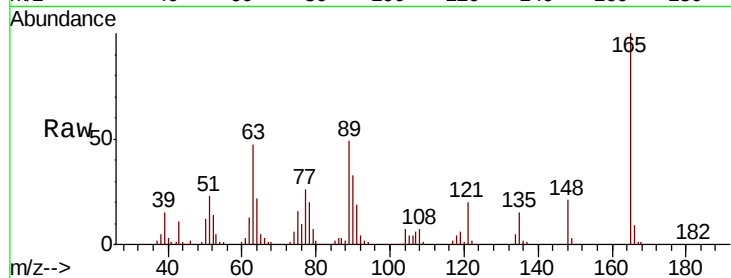




#51
2,6-Dinitrotoluene
Concen: 44.289 ng
RT: 14.09 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

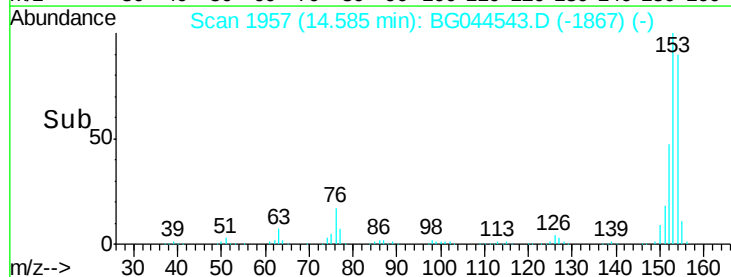
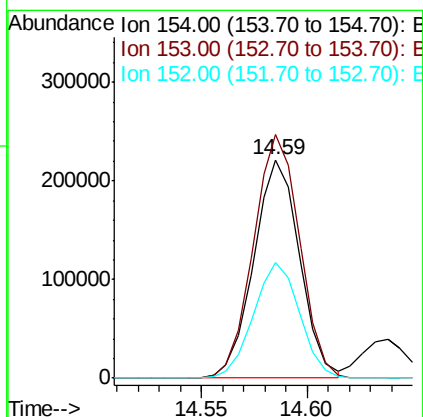
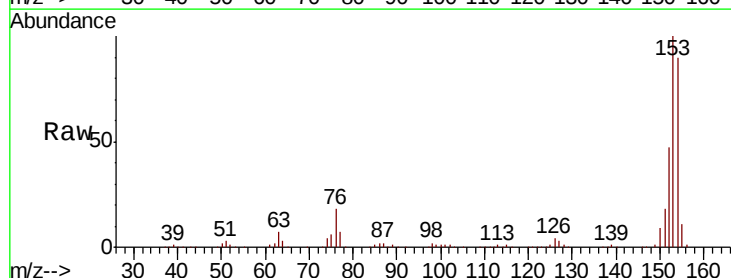
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.1	35.0	52.6
89	49.1	39.5	59.3



#52
Acenaphthene
Concen: 42.469 ng
RT: 14.59 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.6	88.6	133.0
152	52.7	43.6	65.4





#53

3-Nitroaniline

Concen: 30.543 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Instrument :

BNA_G

ClientSampleId :

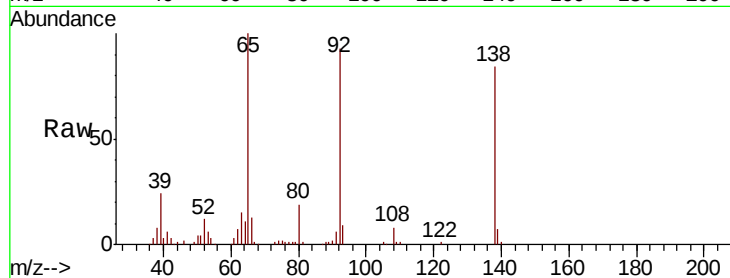
Tot Ion:138 Resp: 78284

Ion Ratio Lower Upper

138 100

108 9.5 8.2 12.4

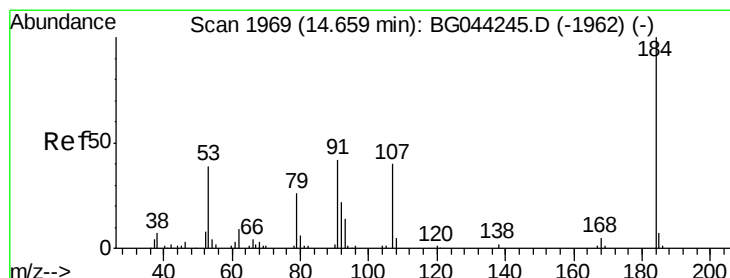
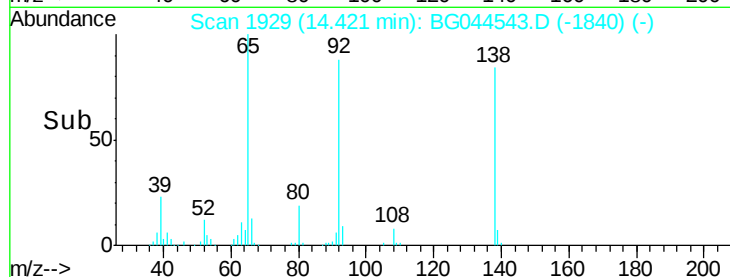
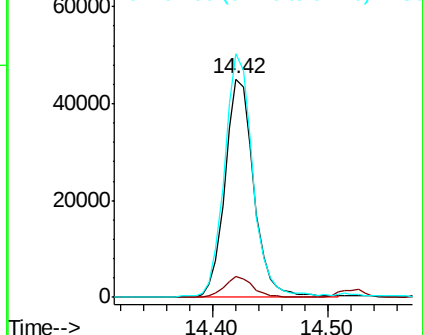
92 111.4 89.7 134.5



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: 87.764 ng

RT: 14.64 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

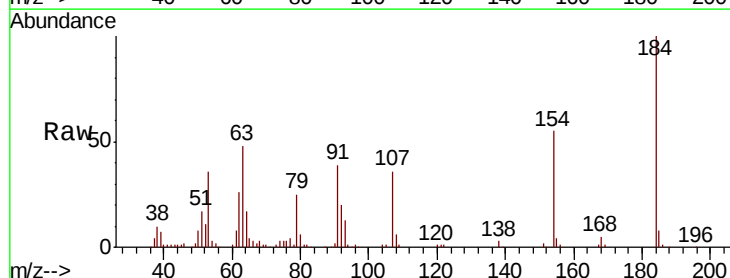
Tgt Ion:184 Resp: 121599

Ion Ratio Lower Upper

184 100

63 48.3 43.8 65.8

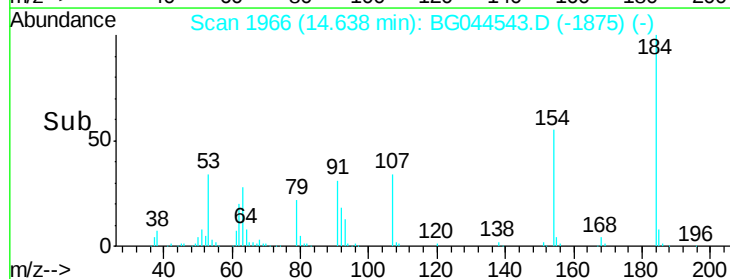
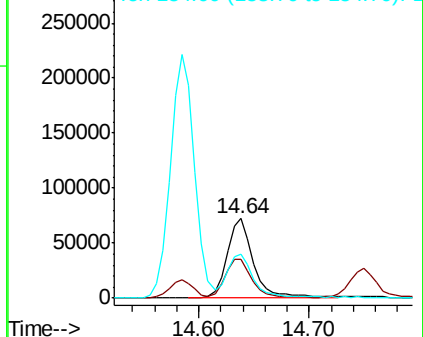
154 55.1 46.6 70.0



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

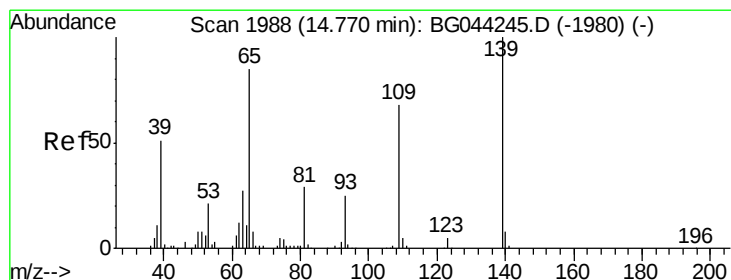
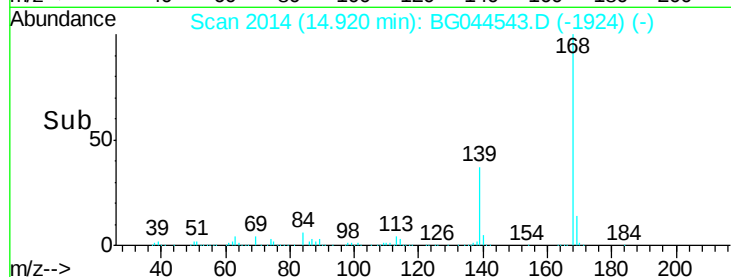
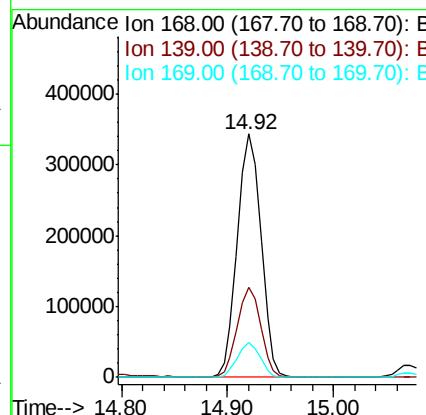
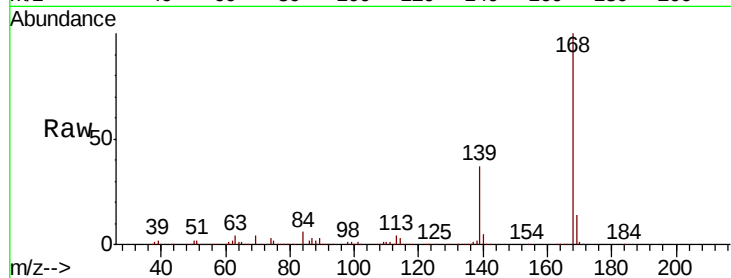




#55
Dibenzofuran
Concen: 44.690 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

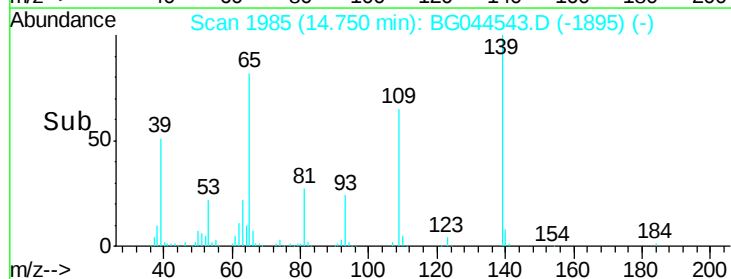
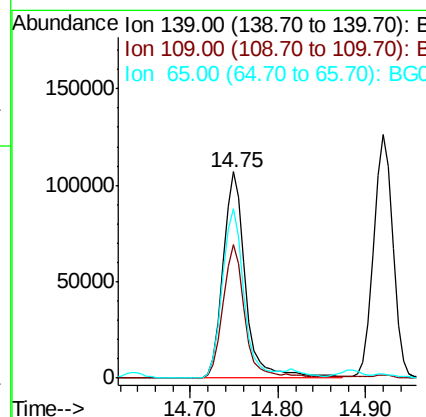
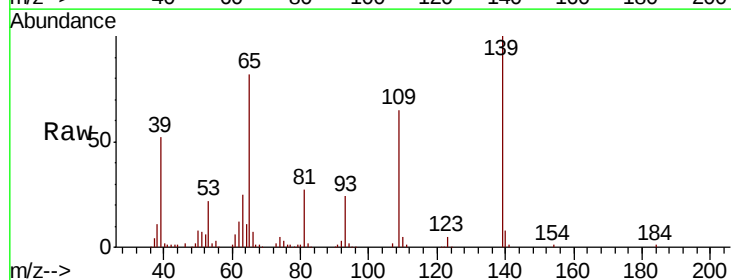
Instrument :
BNA_G
ClientSampleId :

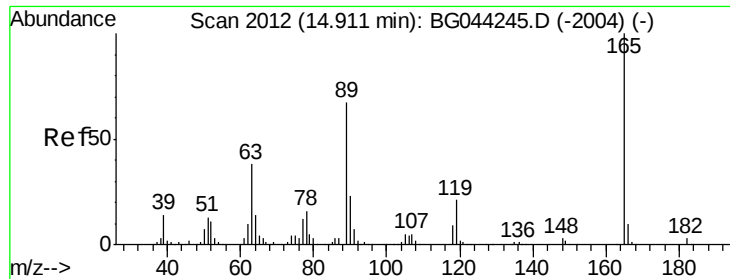
Tot Ion:168 Resp: 533689
Ion Ratio Lower Upper
168 100
139 36.7 30.8 46.2
169 14.5 12.2 18.4



#56
4-Nitrophenol
Concen: 101.873 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Tgt Ion:139 Resp: 191261
Ion Ratio Lower Upper
139 100
109 64.6 44.0 84.0
65 82.2 62.3 102.3

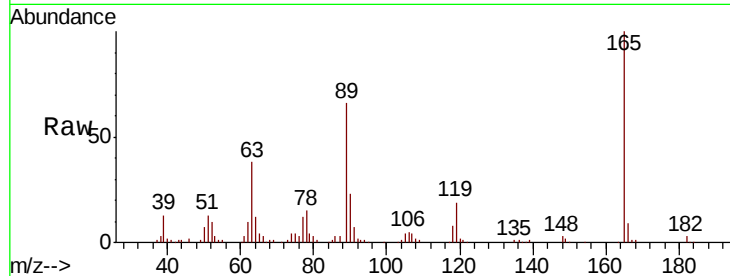




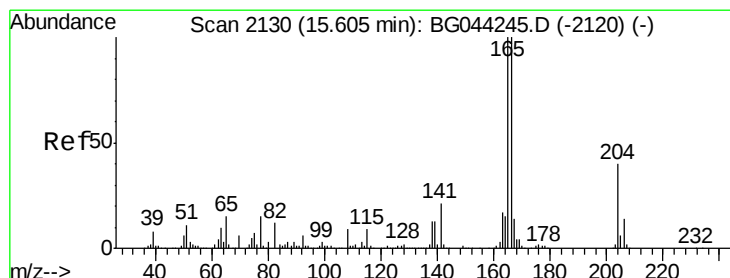
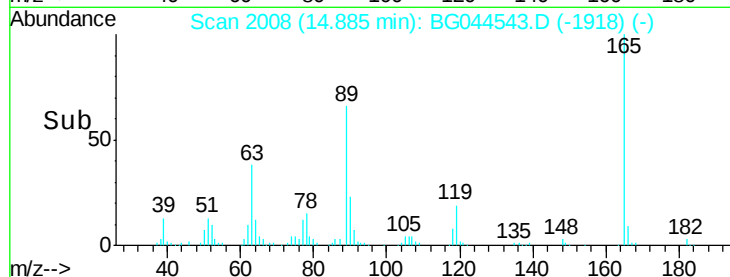
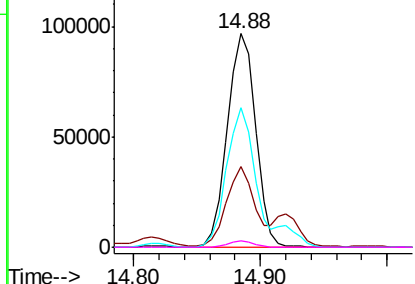
#57
2,4-Dinitrotoluene
Concen: 46.019 ng
RT: 14.88 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.0	28.6	42.8
89	65.5	50.7	76.1
182	2.8	2.1	3.1

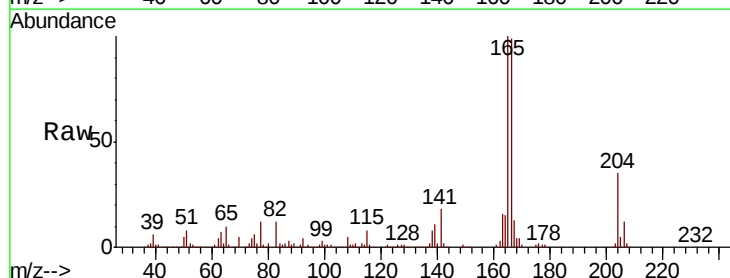


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

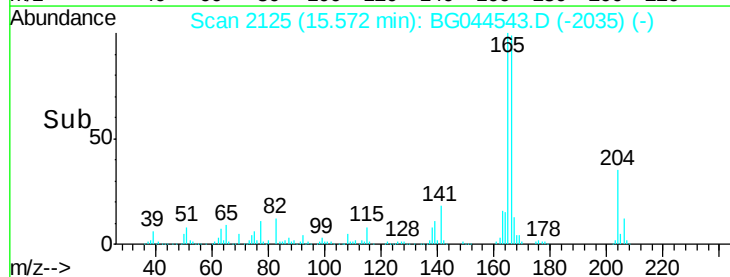
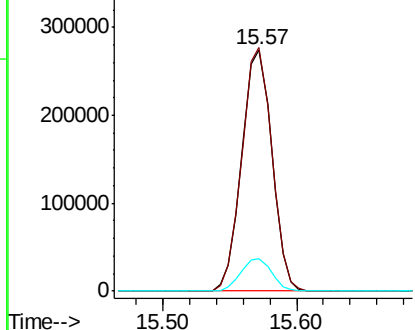


#58
Fluorene
Concen: 45.549 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.8	79.3	118.9
167	13.5	11.4	17.2



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

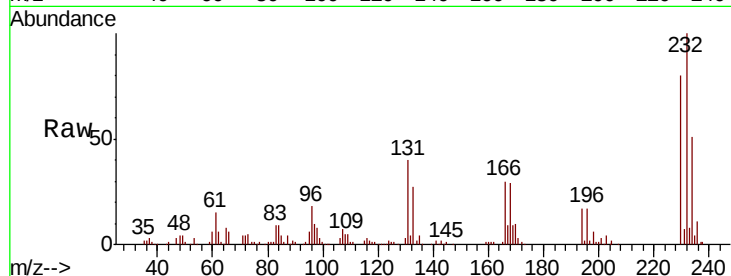




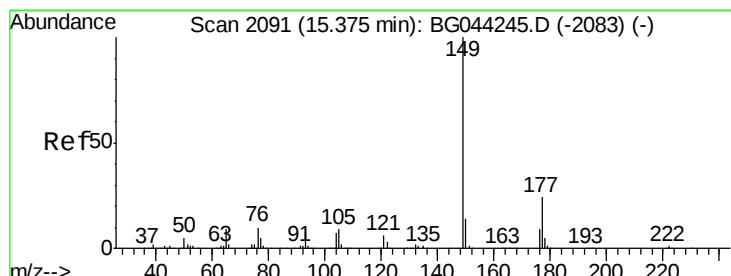
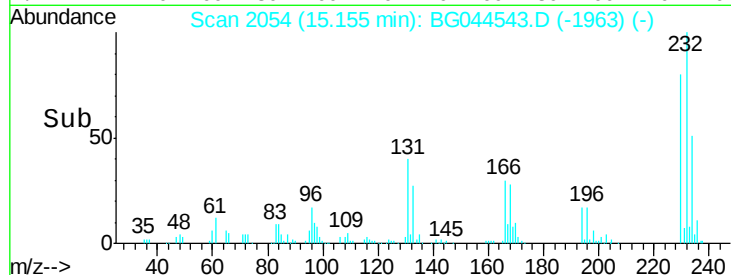
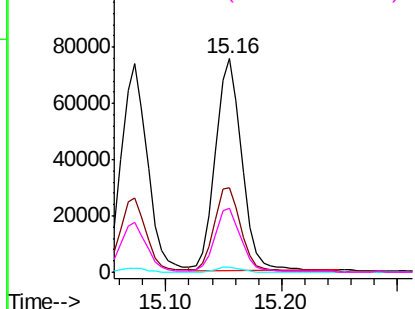
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.652 ng
 RT: 15.16 min Scan# 2054
 Delta R.T. 0.00 min
 Lab File: BG044543.D
 Acq: 21 Feb 2020 11:01

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	232	Resp:	120290
Ion	Ratio	Lower	Upper
232	100		
131	40.8	31.8	47.8
130	2.5	1.8	2.8
166	31.4	23.2	34.8

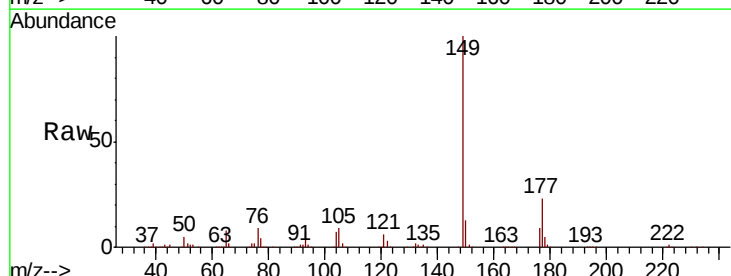


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

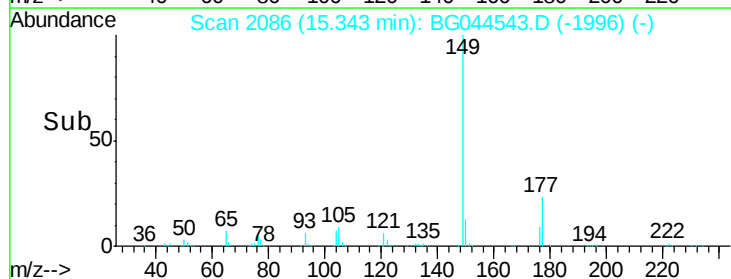
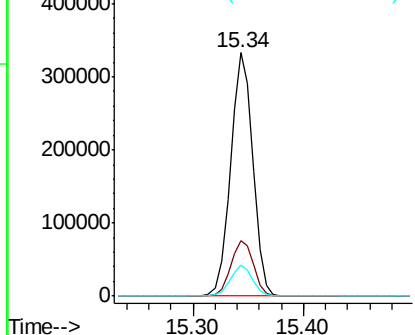


#60
 Diethylphthalate
 Concen: 45.171 ng
 RT: 15.34 min Scan# 2086
 Delta R.T. -0.00 min
 Lab File: BG044543.D
 Acq: 21 Feb 2020 11:01

Tgt Ion:	149	Resp:	467658
Ion	Ratio	Lower	Upper
149	100		
177	22.8	19.3	28.9
150	12.9	10.6	15.8



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

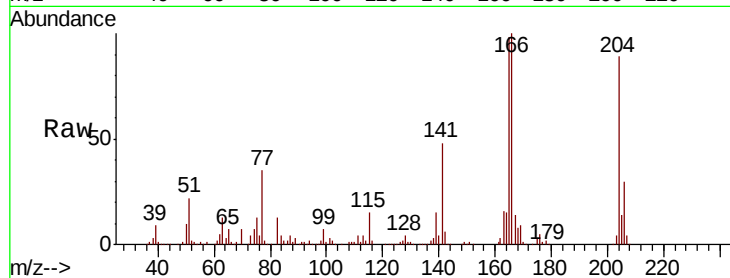




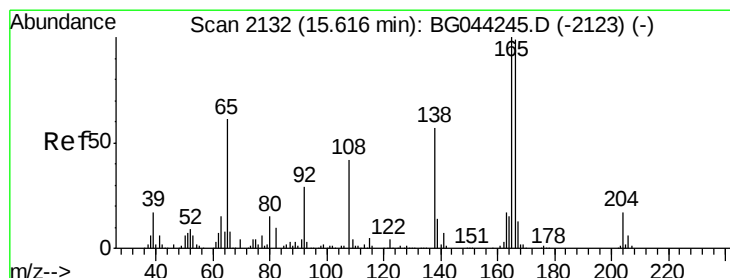
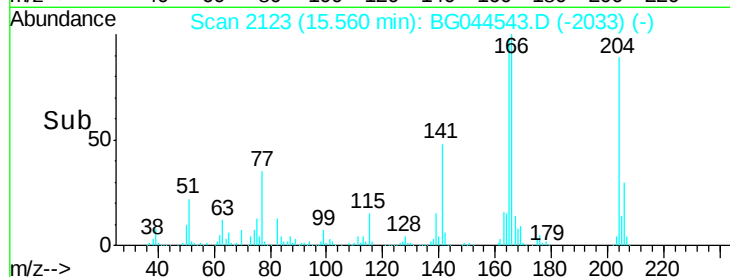
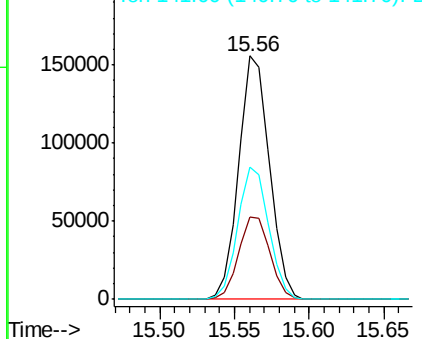
#61
4-Chlorophenyl-phenylether
Concen: 43.746 ng
RT: 15.56 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 223101
Ion Ratio Lower Upper
204 100
206 34.1 28.6 42.8
141 54.5 43.9 65.9

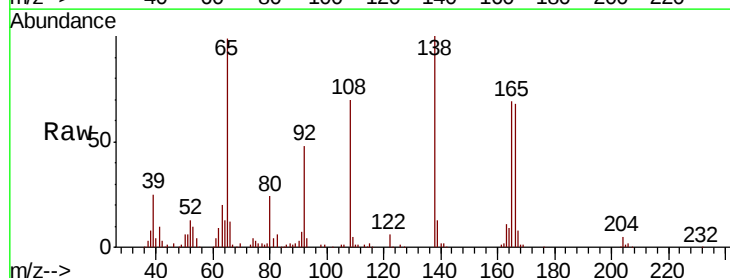


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

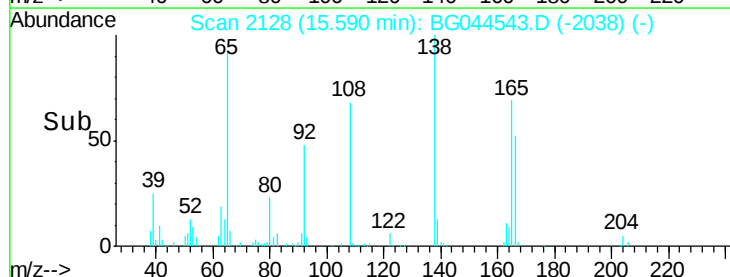
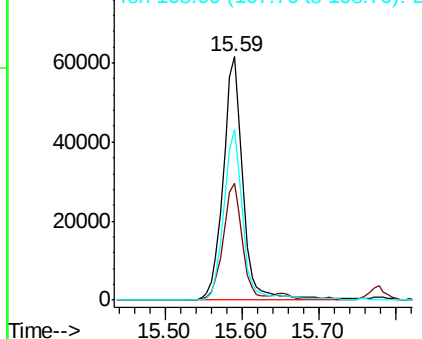


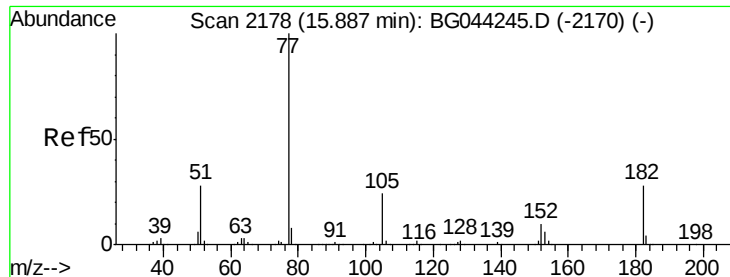
#62
4-Nitroaniline
Concen: 42.912 ng
RT: 15.59 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Tgt Ion:138 Resp: 109902
Ion Ratio Lower Upper
138 100
92 47.8 30.7 70.7
108 70.3 51.9 91.9



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: 44.644 ng

RT: 15.85 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 405092

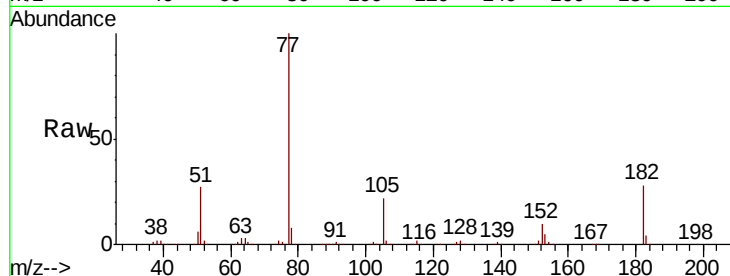
Ion Ratio Lower Upper

77 100

182 27.6 8.8 48.8

105 22.4 4.0 44.0

51 27.4 7.3 47.3

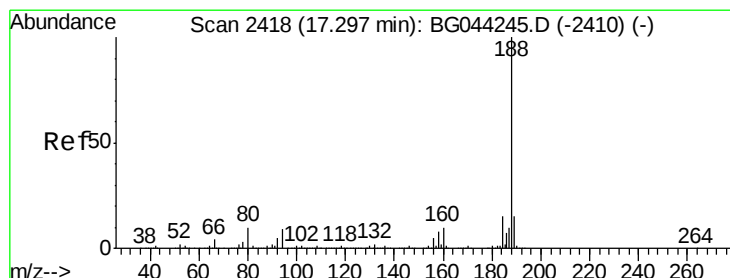
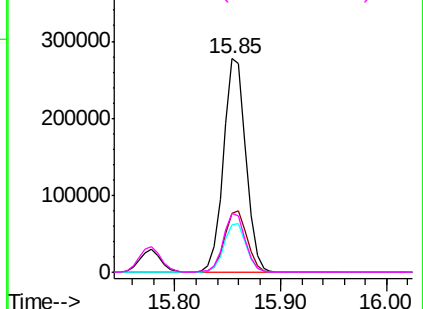
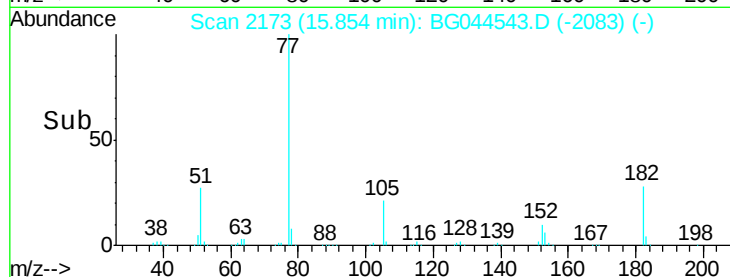


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.26 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

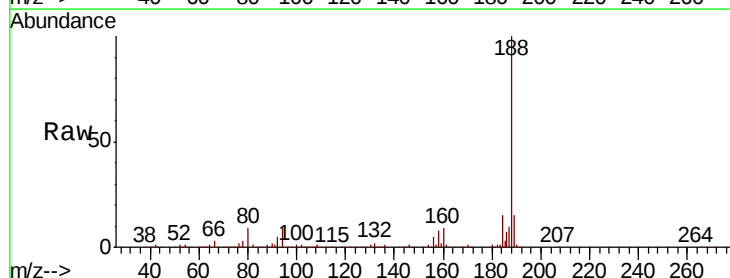
Tgt Ion: 188 Resp: 348006

Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.0

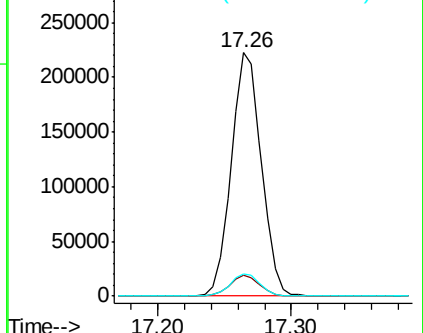
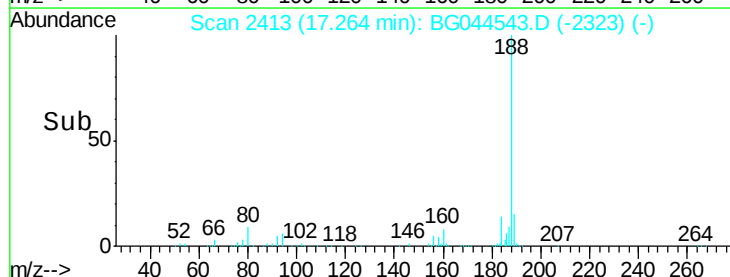
80 9.1 7.8 11.6

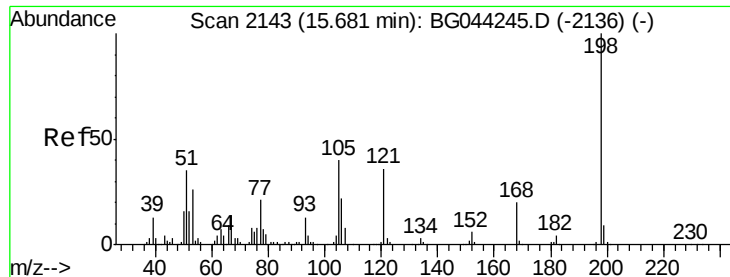


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

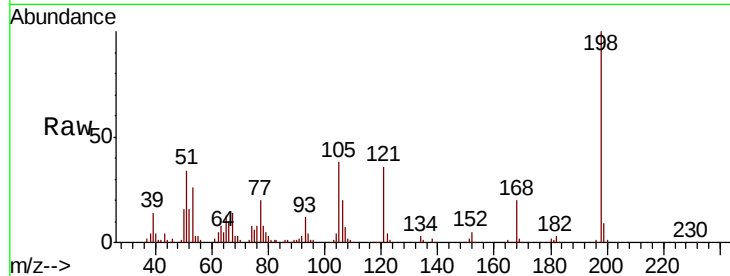




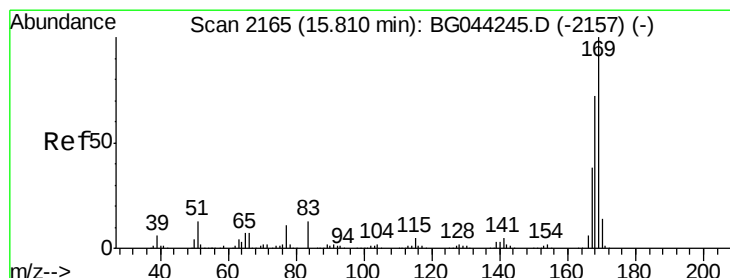
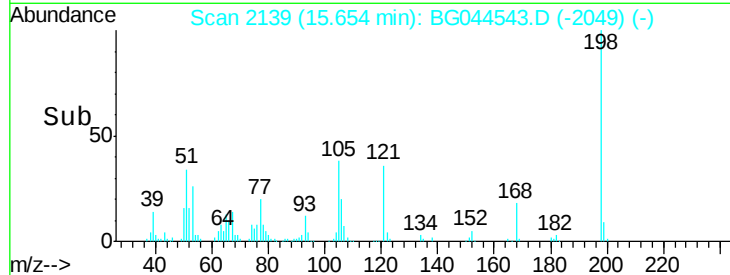
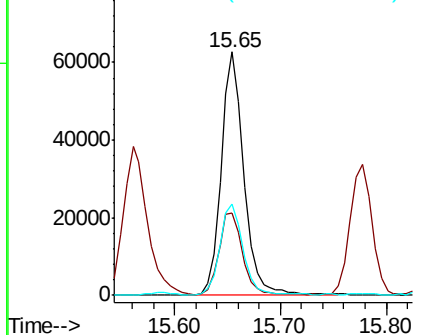
#65
4,6-Dinitro-2-methylphenol
Concen: 48.851 ng
RT: 15.65 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion	198	Resp	93843
Ion Ratio	100	Lower	Upper
51	33.8	17.9	57.9
105	37.6	19.8	59.8

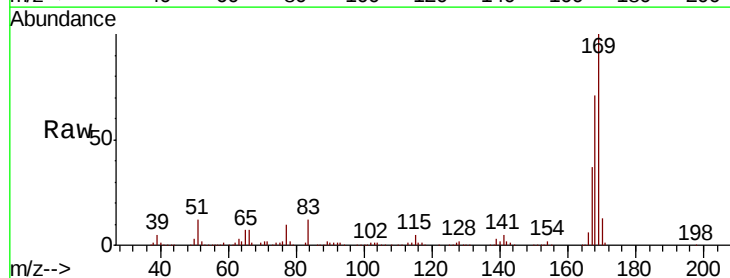


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

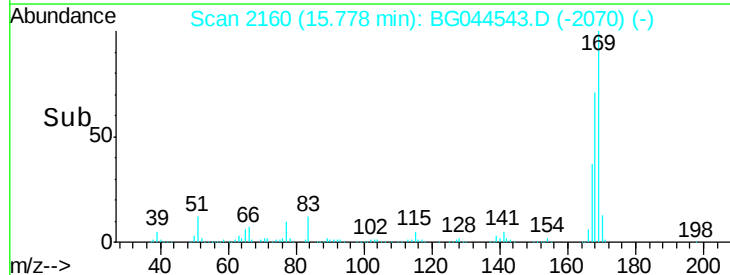
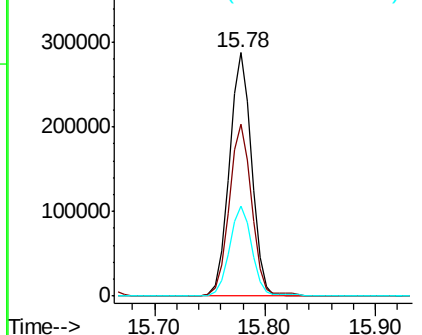


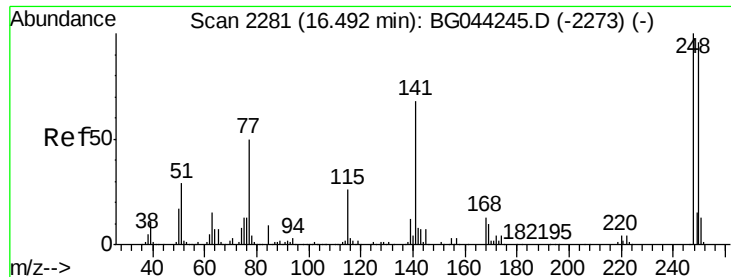
#66
n-Nitrosodiphenylamine
Concen: 41.731 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Tgt Ion	169	Resp	406988
Ion Ratio	100	Lower	Upper
168	70.6	56.8	85.2
167	37.0	29.6	44.4



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

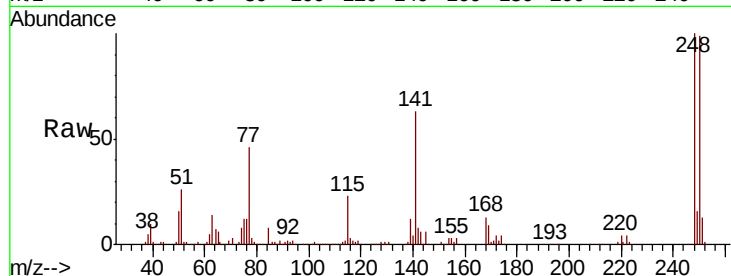




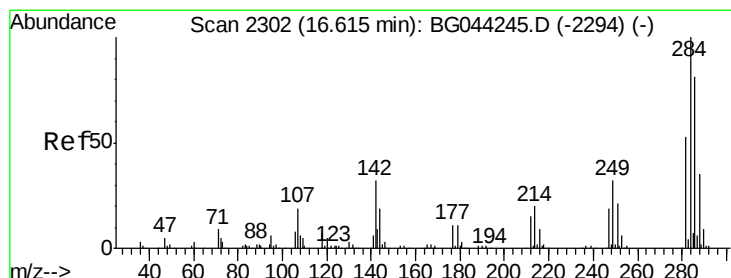
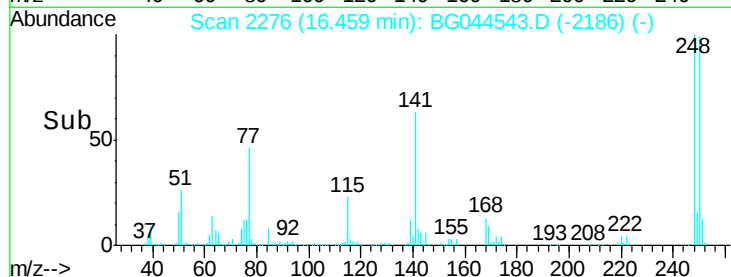
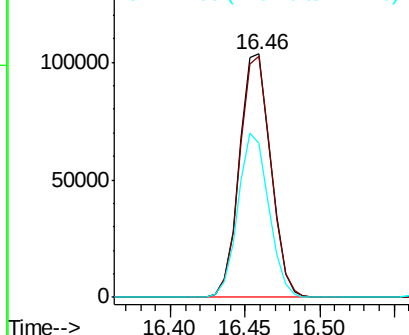
#67
 4-Bromophenyl-phenylether
 Concen: 39.839 ng
 RT: 16.46 min Scan# 2276
 Delta R.T. -0.00 min
 Lab File: BG044543.D
 Acq: 21 Feb 2020 11:01

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion:248 Resp: 151047
 Ion Ratio Lower Upper
 248 100
 250 99.1 76.8 115.2
 141 63.5 50.0 75.0

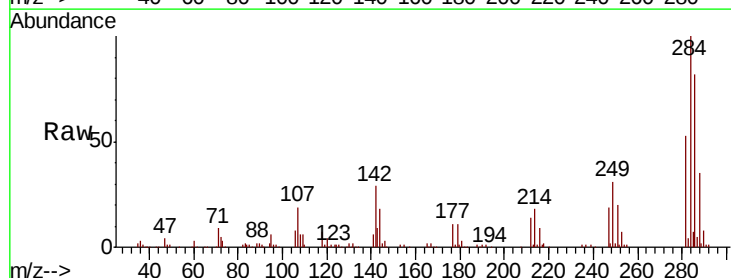


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

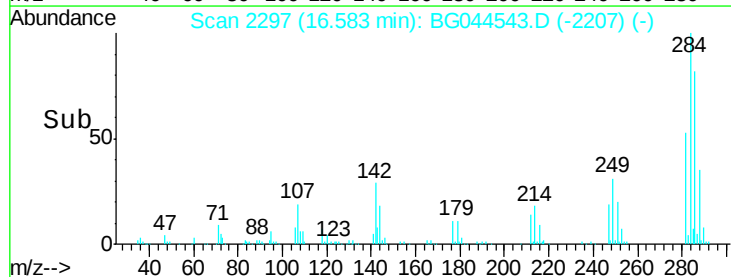
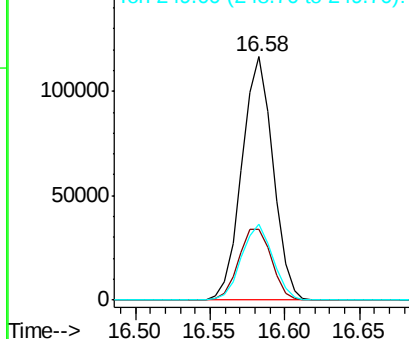


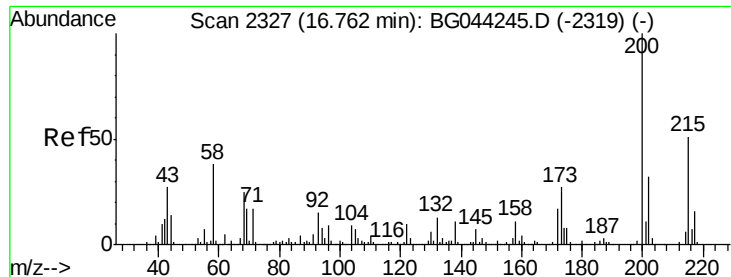
#68
 Hexachlorobenzene
 Concen: 39.593 ng
 RT: 16.58 min Scan# 2297
 Delta R.T. -0.00 min
 Lab File: BG044543.D
 Acq: 21 Feb 2020 11:01

Tgt Ion:284 Resp: 168179
 Ion Ratio Lower Upper
 284 100
 142 29.0 24.6 36.8
 249 31.2 24.9 37.3



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

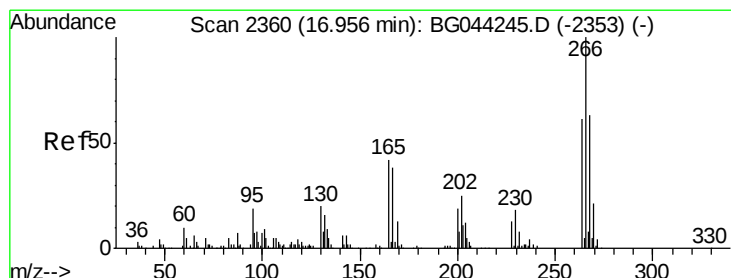
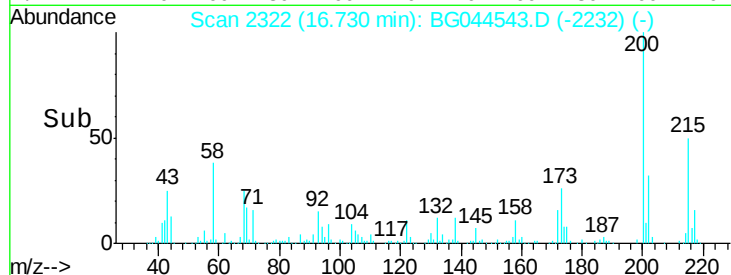
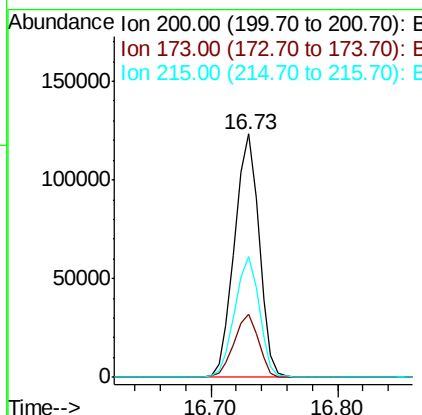
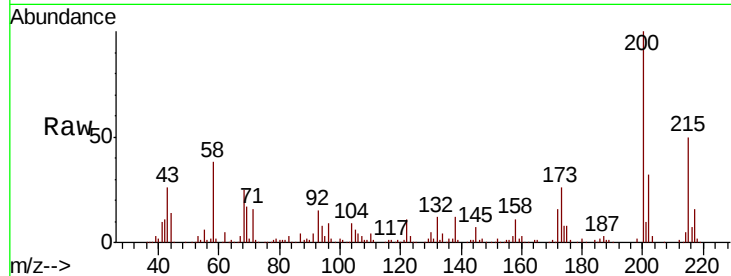




#69
 Atrazine
 Concen: 49.521 ng
 RT: 16.73 min Scan# 2322
 Delta R.T. -0.00 min
 Lab File: BG044543.D
 Acq: 21 Feb 2020 11:01

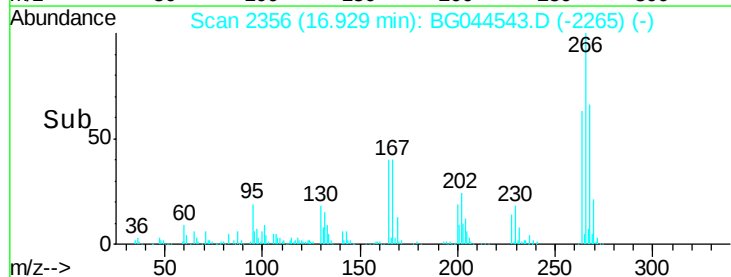
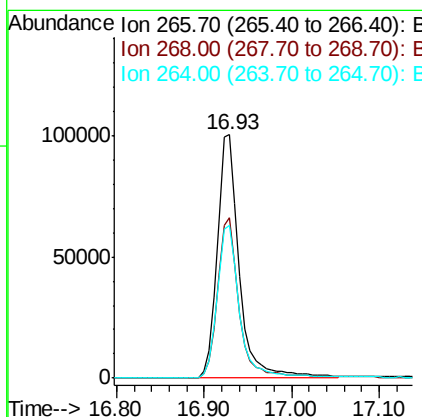
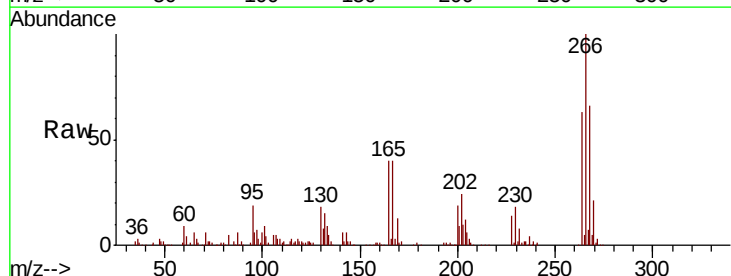
Instrument :
 BNA_G
 ClientSampleId :

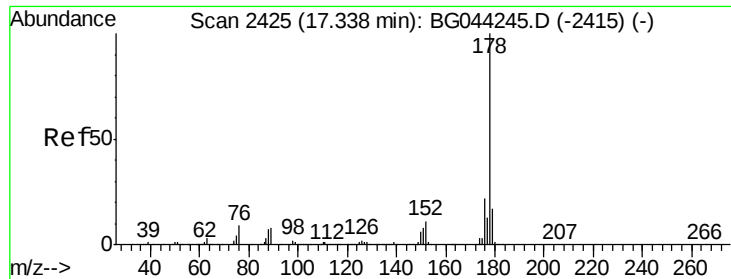
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.9	5.6	45.6
215	49.8	30.3	70.3



#70
 Pentachlorophenol
 Concen: 82.077 ng
 RT: 16.93 min Scan# 2356
 Delta R.T. 0.00 min
 Lab File: BG044543.D
 Acq: 21 Feb 2020 11:01

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.8	51.6	77.4
264	62.8	49.8	74.8

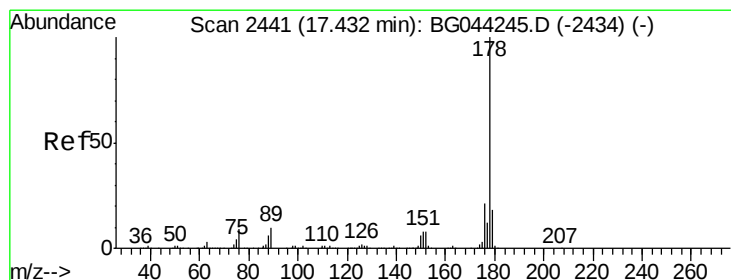
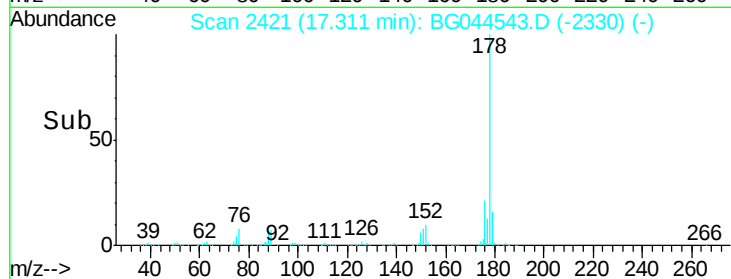
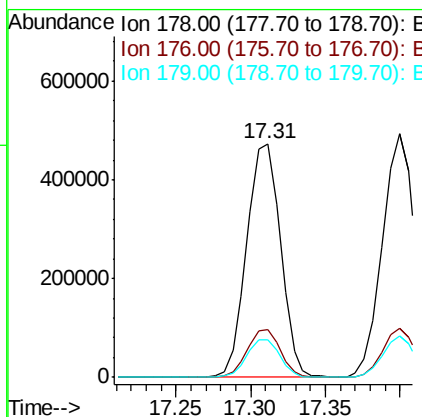
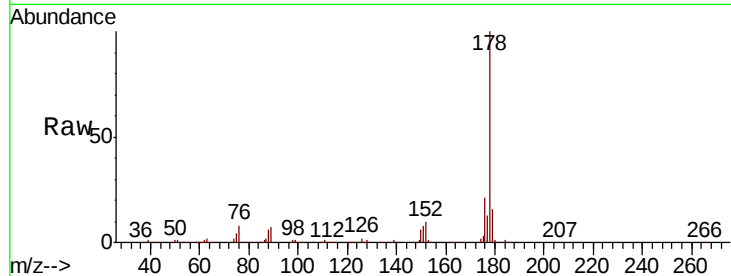




#71
Phenanthrene
Concen: 43.909 ng
RT: 17.31 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

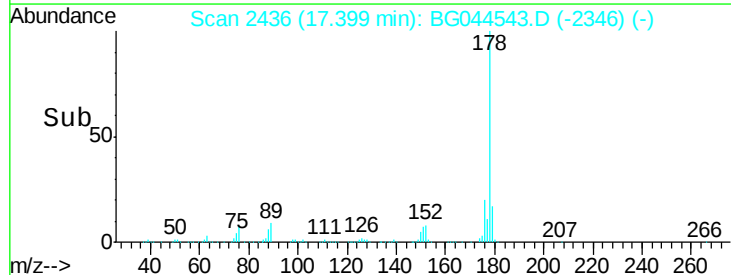
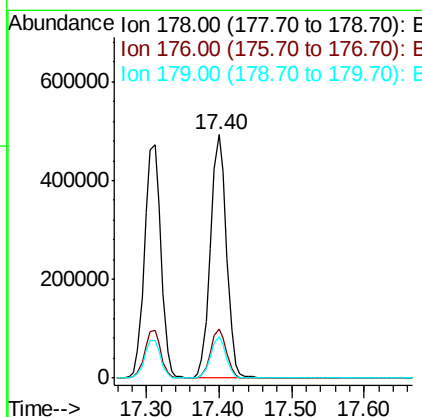
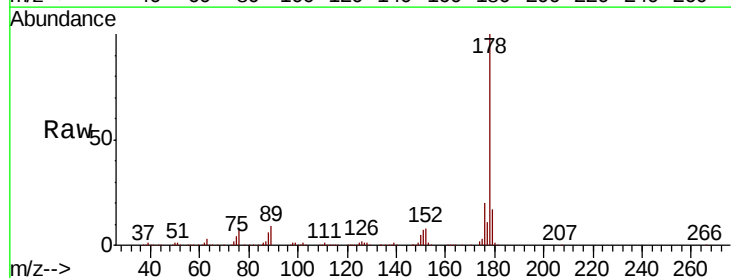
Instrument :
BNA_G
ClientSampleId :

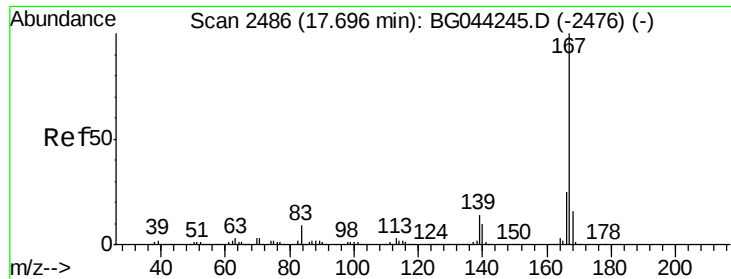
Tot Ion:178 Resp: 739944
Ion Ratio Lower Upper
178 100
176 20.5 17.4 26.0
179 16.1 13.8 20.6



#72
Anthracene
Concen: 45.390 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Tgt Ion:178 Resp: 756229
Ion Ratio Lower Upper
178 100
176 20.3 17.1 25.7
179 16.8 13.9 20.9





#73

Carbazole

Concen: 45.928 ng

RT: 17.67 min Scan# 2482

Delta R.T. -0.00 min

Lab File: BG044543.D

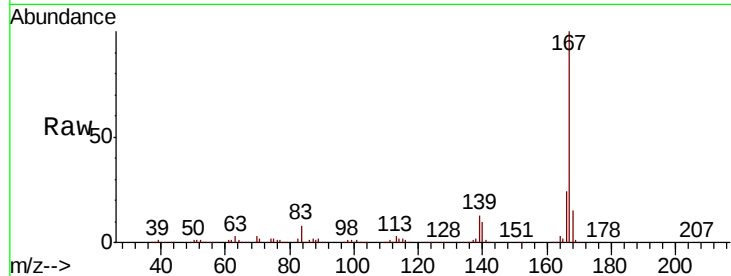
Acq: 21 Feb 2020 11:01

Instrument :

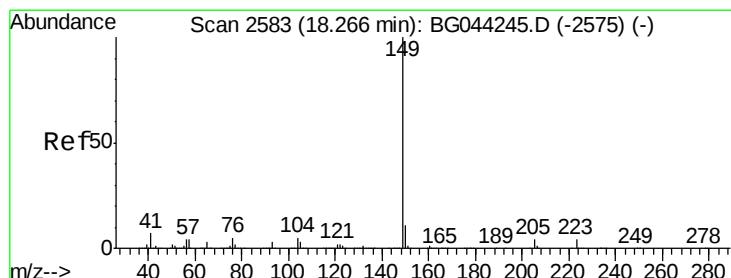
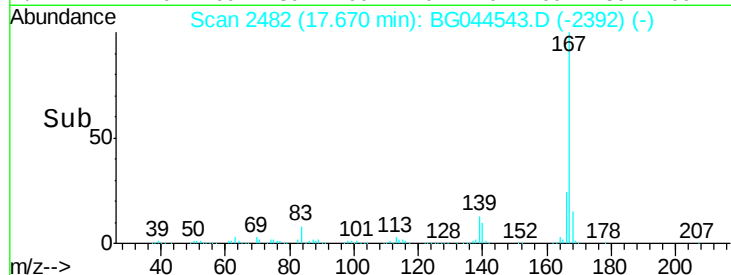
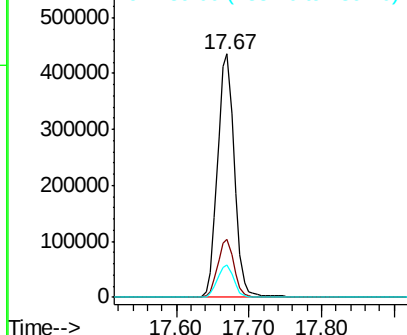
BNA_G

ClientSampleId :

Tot Ion:167	Resp:	705406
Ion Ratio	Lower	Upper
167	100	
166	24.0	19.5 29.3
139	13.2	10.8 16.2



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: 46.553 ng

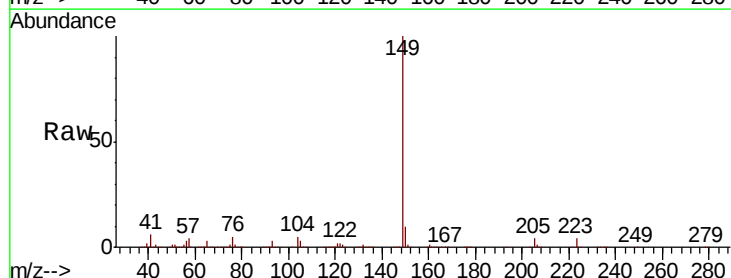
RT: 18.23 min Scan# 2578

Delta R.T. -0.00 min

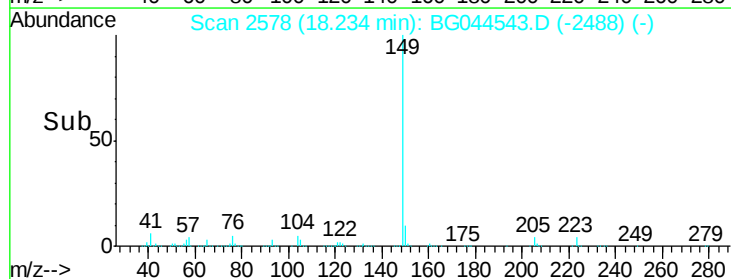
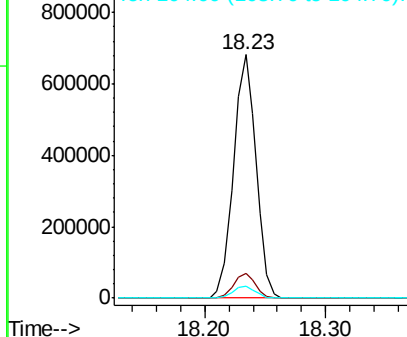
Lab File: BG044543.D

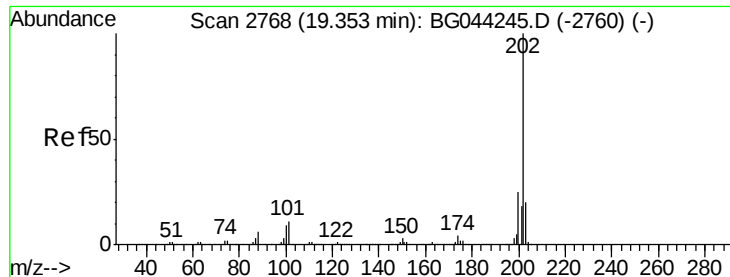
Acq: 21 Feb 2020 11:01

Tgt Ion:149	Resp:	883582
Ion Ratio	Lower	Upper
149	100	
150	10.2	9.0 13.4
104	5.0	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: 48.261 ng

RT: 19.32 min Scan# 2763

Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Instrument :

BNA_G

ClientSampleId :

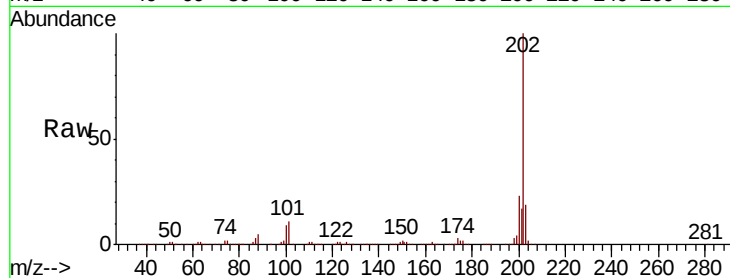
Tot Ion:202 Resp: 940803

Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.4

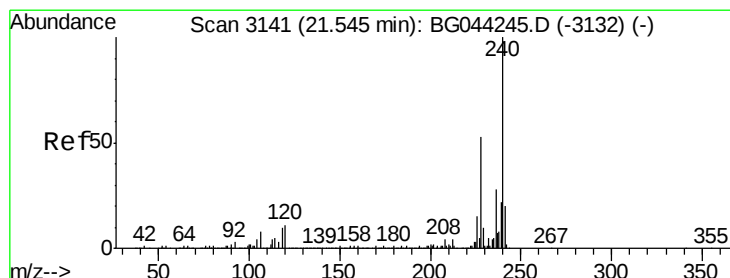
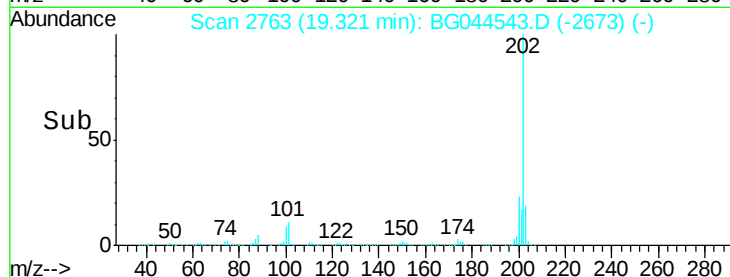
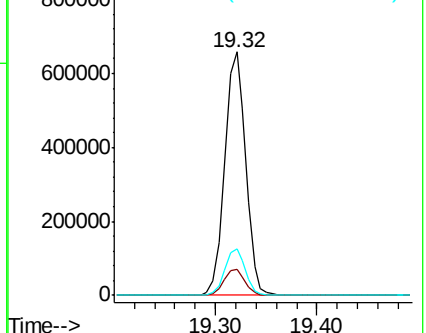
203 19.3 0.3 40.3



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: 21.51 min Scan# 3136

Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

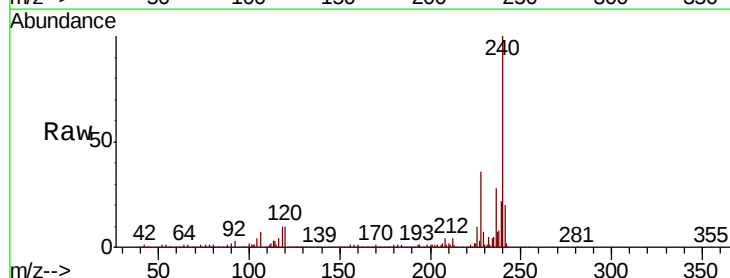
Tgt Ion:240 Resp: 344861

Ion Ratio Lower Upper

240 100

120 10.0 8.2 12.2

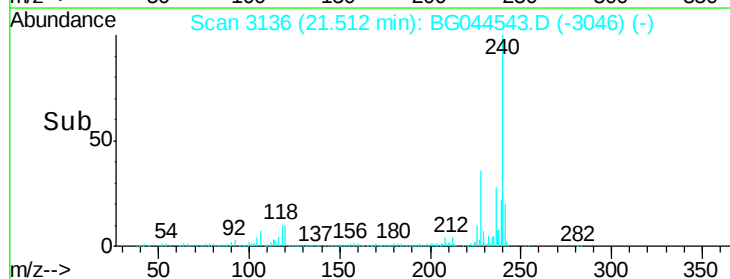
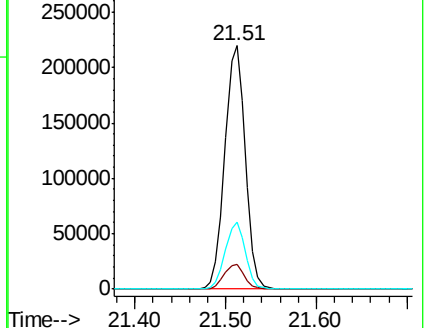
236 27.5 22.0 33.0



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: 40.869 ng

RT: 19.50 min Scan# 2793

Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Instrument :

BNA_G

ClientSampleId :

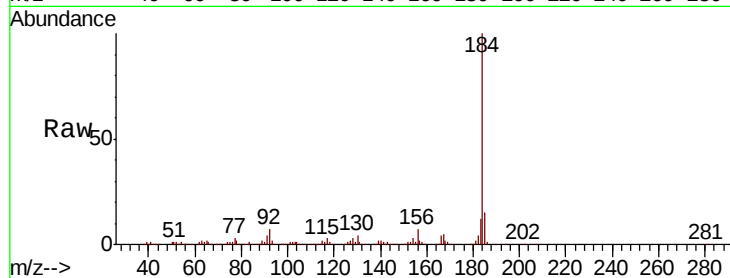
Tot Ion:184 Resp: 390941

Ion Ratio Lower Upper

184 100

185 15.2 13.0 19.4

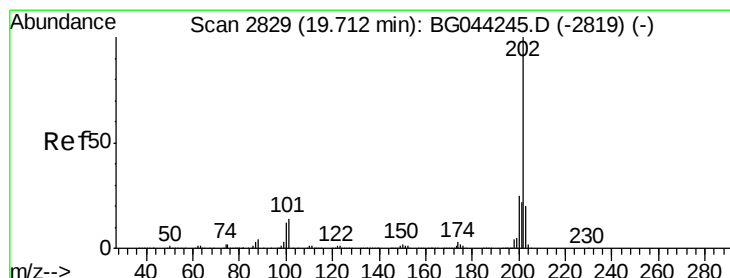
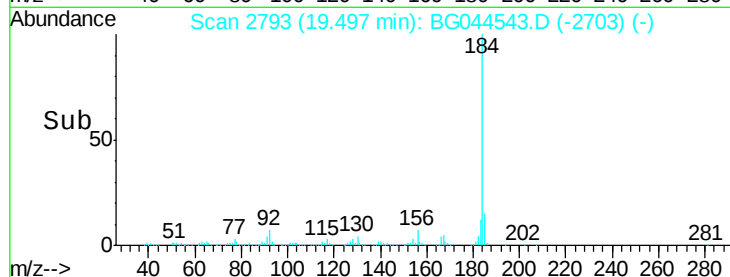
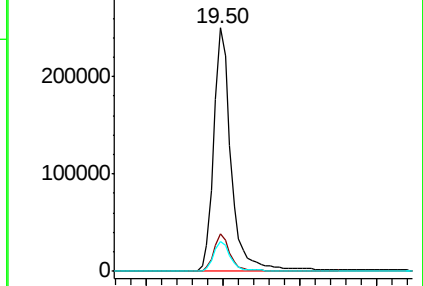
183 12.5 11.0 16.4



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: 42.821 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

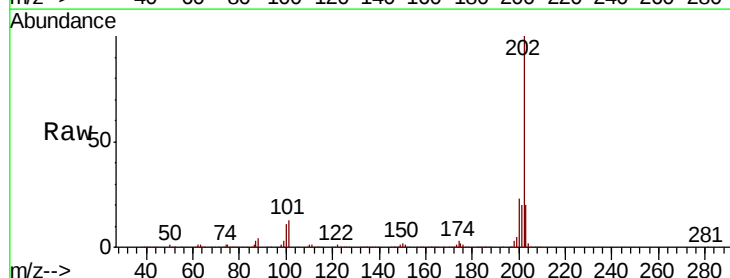
Tgt Ion:202 Resp: 948361

Ion Ratio Lower Upper

202 100

200 23.2 19.7 29.5

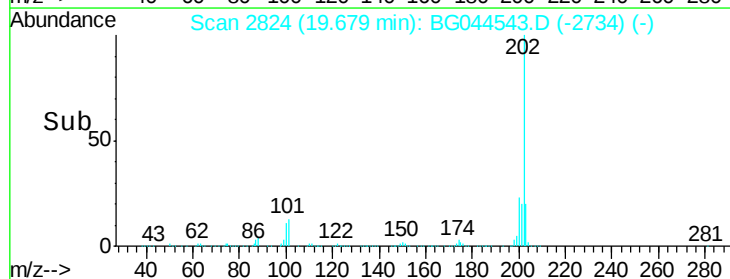
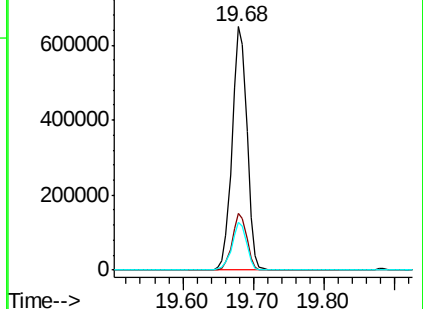
203 19.8 16.8 25.2



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: 72.902 ng

RT: 19.88 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Instrument :

BNA_G

ClientSampled :

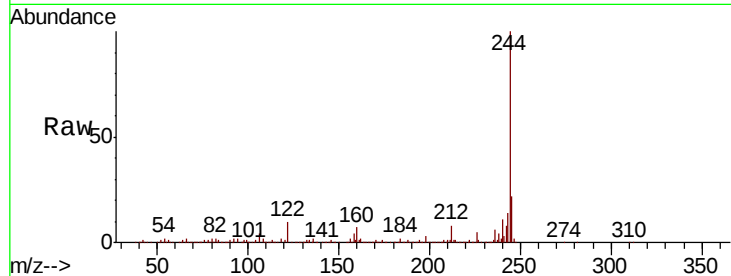
Tot Ion:244 Resp: 1222293

Ion Ratio Lower Upper

244 100

212 7.9 7.6 11.4

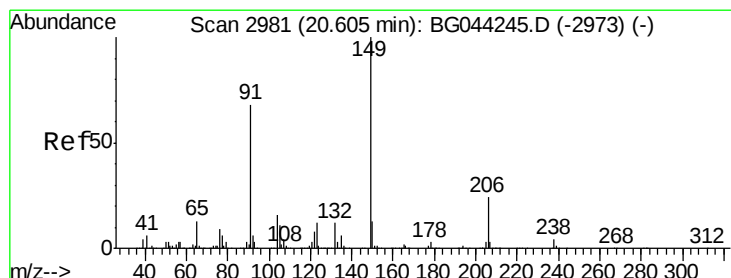
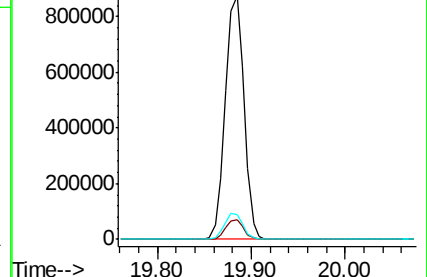
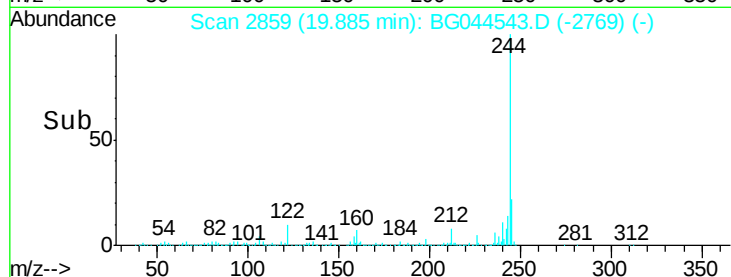
122 10.4 9.8 14.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.364 ng

RT: 20.57 min Scan# 2976

Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

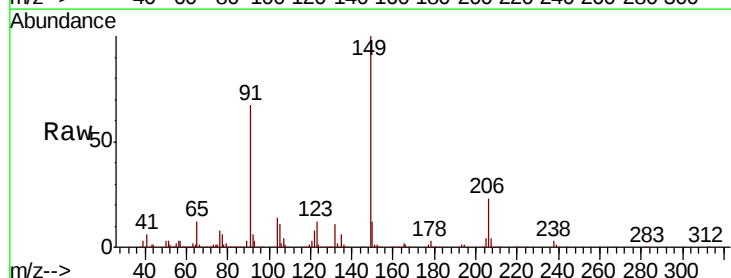
Tgt Ion:149 Resp: 417476

Ion Ratio Lower Upper

149 100

91 67.1 55.0 82.4

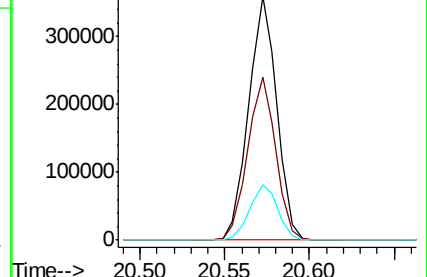
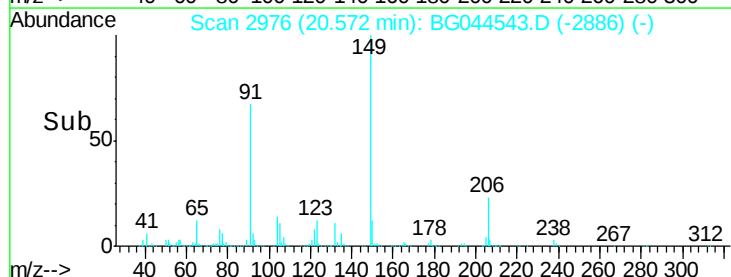
206 22.9 20.1 30.1

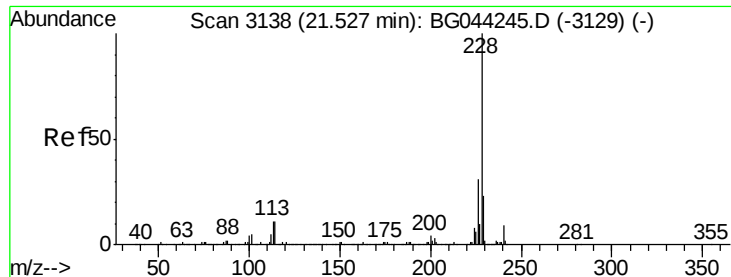


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.389 ng

RT: 21.49 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Instrument :

BNA_G

ClientSampleId :

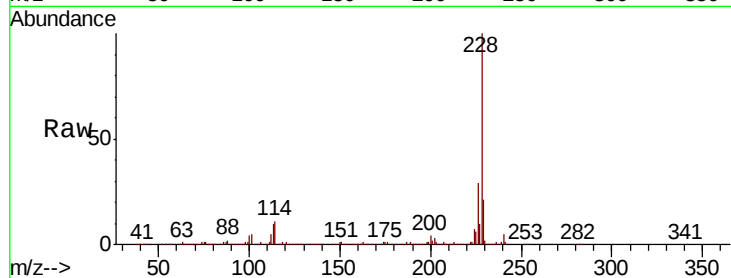
Tot Ion:228 Resp: 922195

Ion Ratio Lower Upper

228 100

226 29.4 24.4 36.6

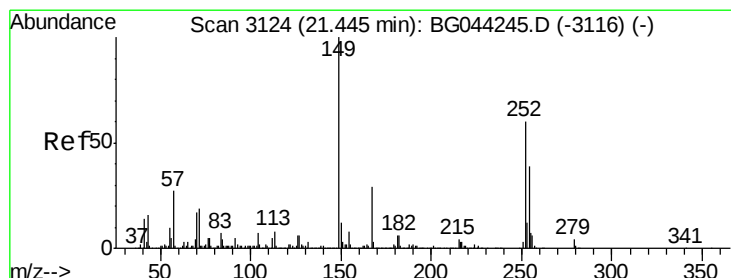
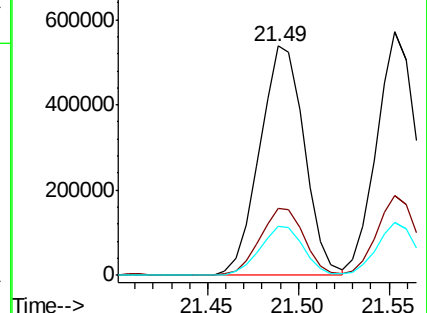
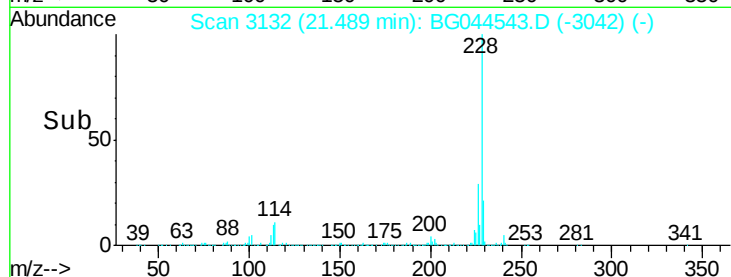
229 21.2 18.2 27.4



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: 34.749 ng

RT: 21.41 min Scan# 3118

Delta R.T. -0.01 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

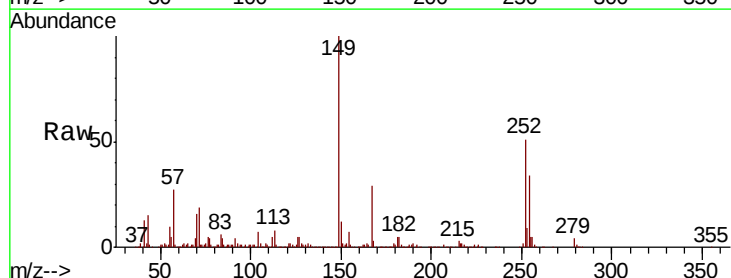
Tgt Ion:252 Resp: 286643

Ion Ratio Lower Upper

252 100

254 65.5 54.2 81.4

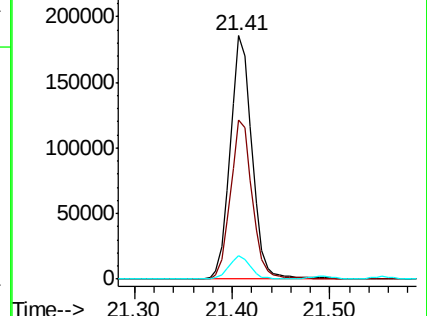
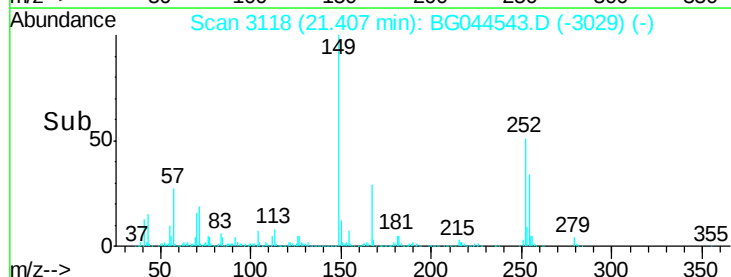
126 9.6 7.9 11.9

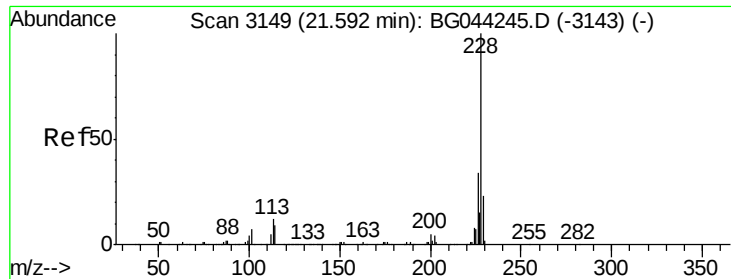


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

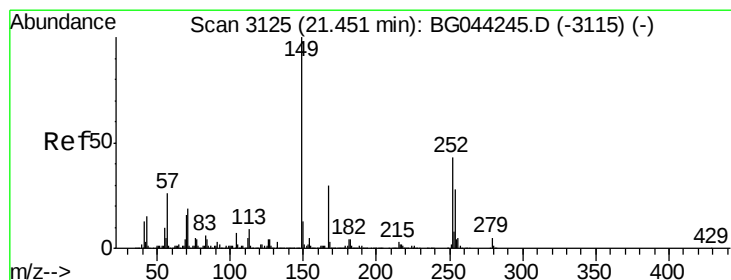
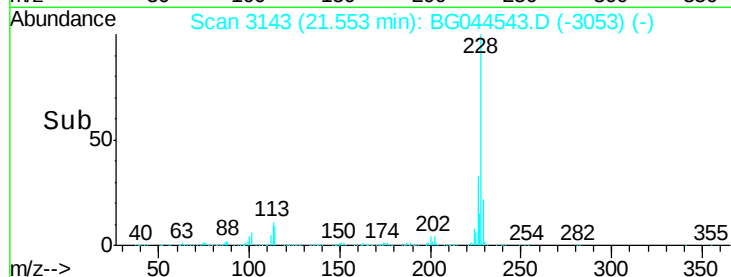
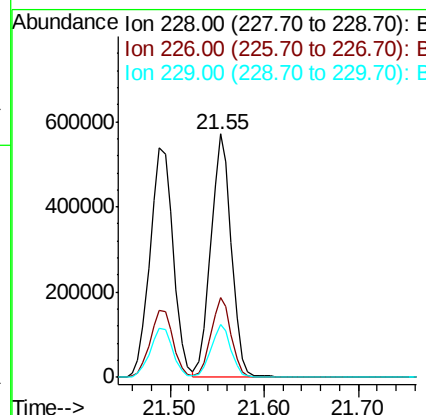
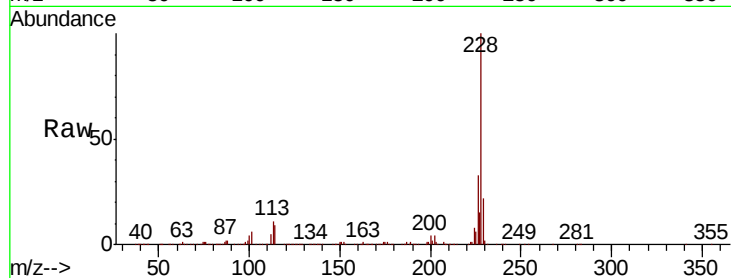




#83
 Chrysene
 Concen: 42.629 ng
 RT: 21.55 min Scan# 3143
 Delta R.T. -0.00 min
 Lab File: BG044543.D
 Acq: 21 Feb 2020 11:01

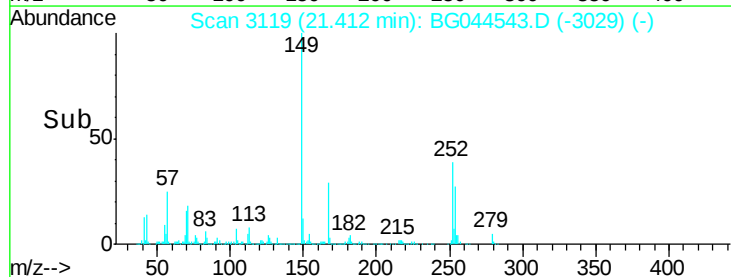
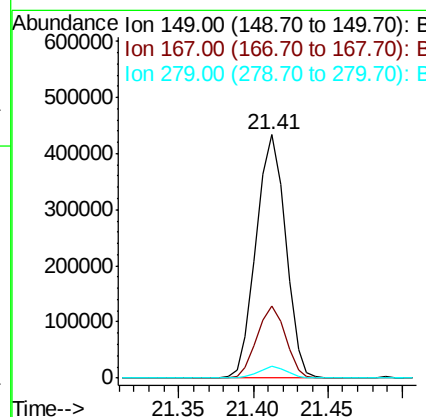
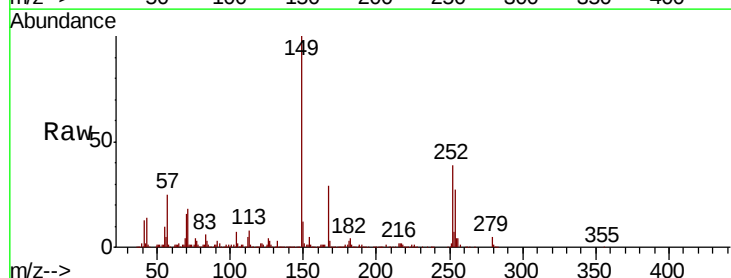
Instrument :
 BNA_G
 ClientSampleId :

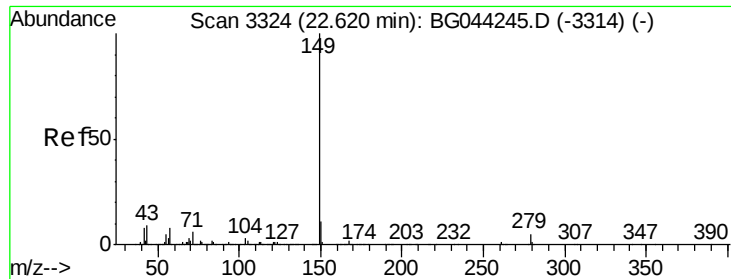
Tot Ion:228 Resp: 875765
 Ion Ratio Lower Upper
 228 100
 226 32.5 27.7 41.5
 229 21.7 18.2 27.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.467 ng
 RT: 21.41 min Scan# 3119
 Delta R.T. -0.00 min
 Lab File: BG044543.D
 Acq: 21 Feb 2020 11:01

Tgt Ion:149 Resp: 589939
 Ion Ratio Lower Upper
 149 100
 167 29.5 24.7 37.1
 279 4.7 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 43.617 ng

RT: 22.57 min Scan# 3316

Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Instrument :

BNA_G

ClientSampleId :

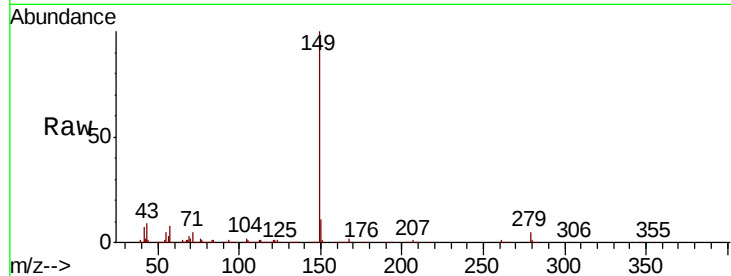
Tot Ion:149 Resp: 1048370

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

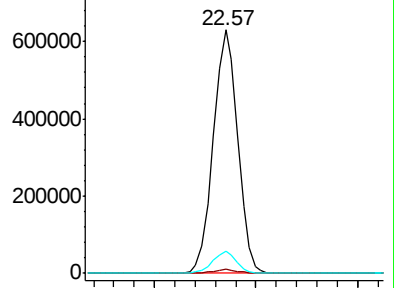
43 8.6 7.6 11.4



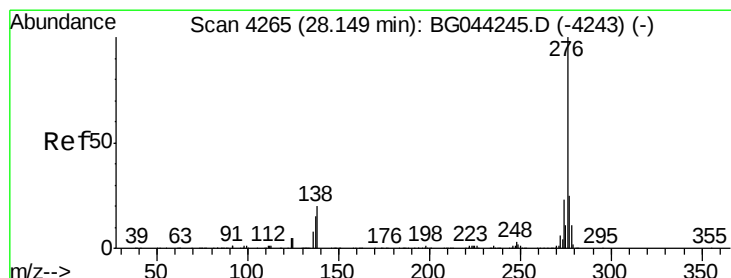
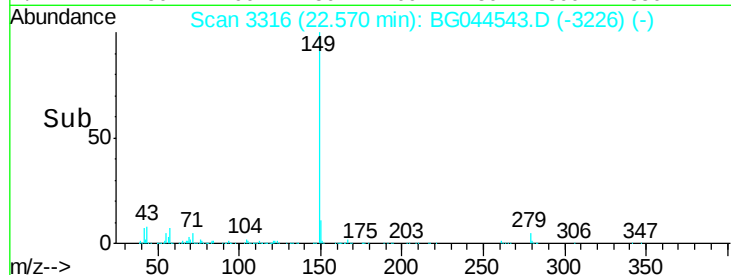
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.764 ng

RT: 28.06 min Scan# 4251

Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

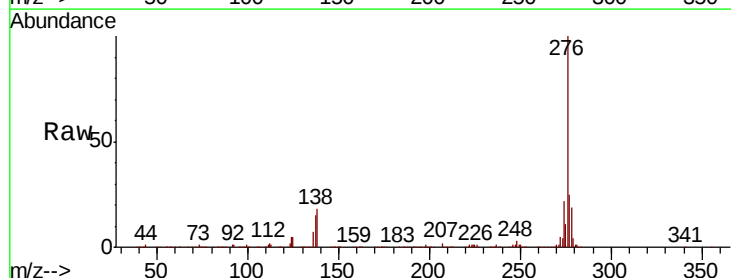
Tgt Ion:276 Resp: 1119391

Ion Ratio Lower Upper

276 100

138 23.5 18.7 28.1

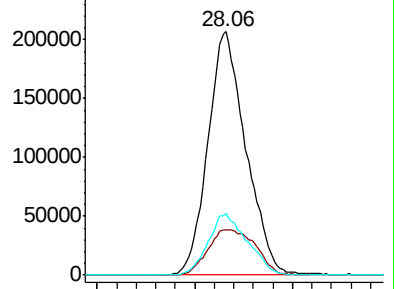
277 26.0 21.0 31.6



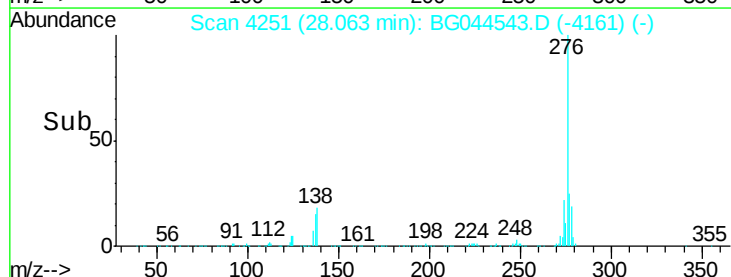
Abundance Ion 276.00 (275.70 to 276.70): E

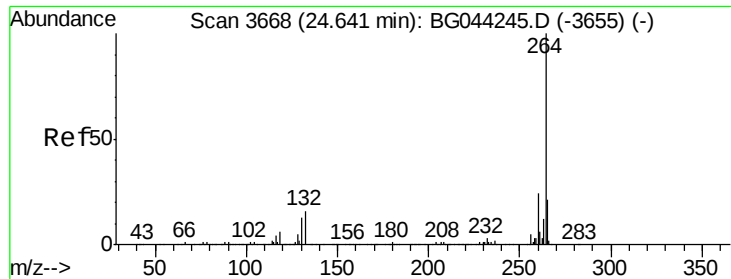
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.58 min Scan# 3658

Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

Instrument :

BNA_G

ClientSampleId :

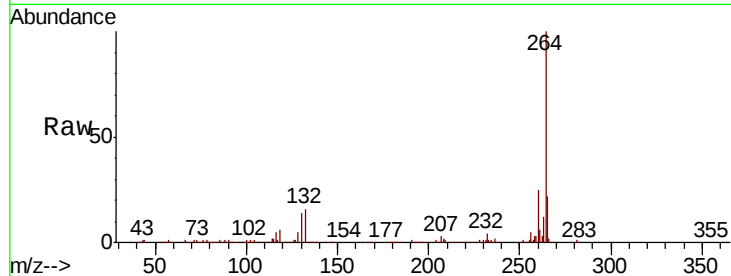
Tot Ion:264 Resp: 365460

Ion Ratio Lower Upper

264 100

260 25.4 19.8 29.8

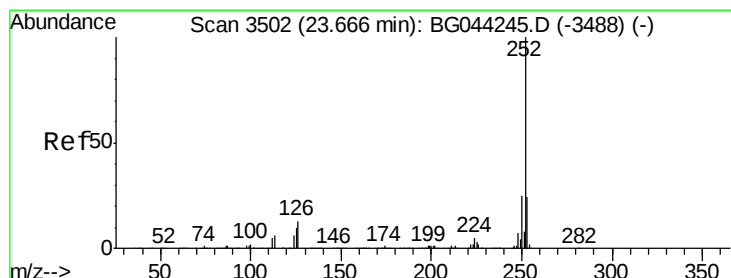
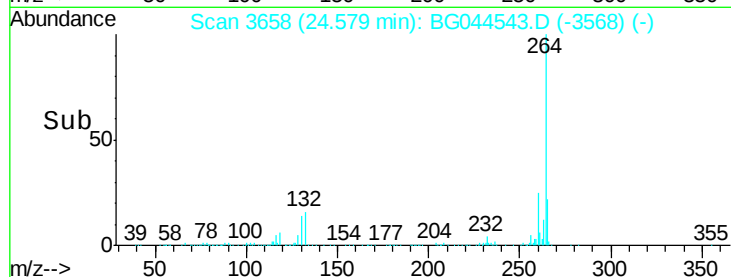
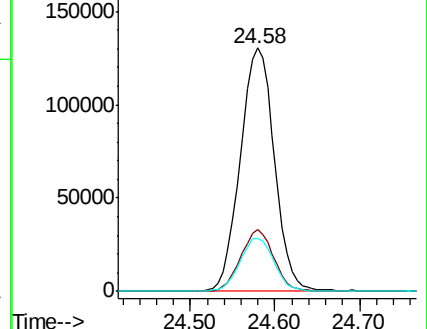
265 21.7 17.6 26.4



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: 47.405 ng

RT: 23.61 min Scan# 3493

Delta R.T. -0.00 min

Lab File: BG044543.D

Acq: 21 Feb 2020 11:01

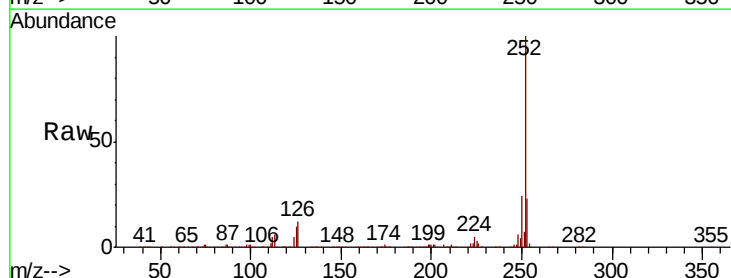
Tgt Ion:252 Resp: 998312

Ion Ratio Lower Upper

252 100

253 23.3 19.1 28.7

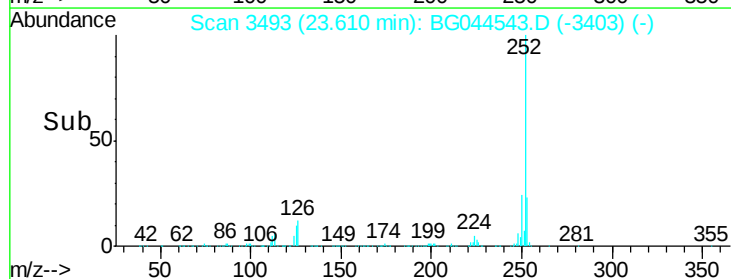
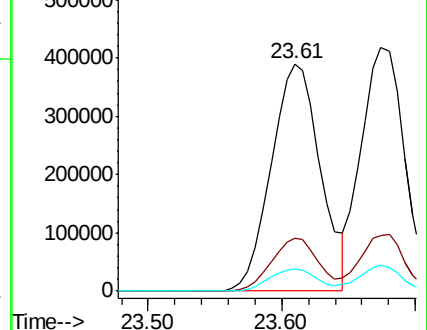
125 9.9 8.1 12.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

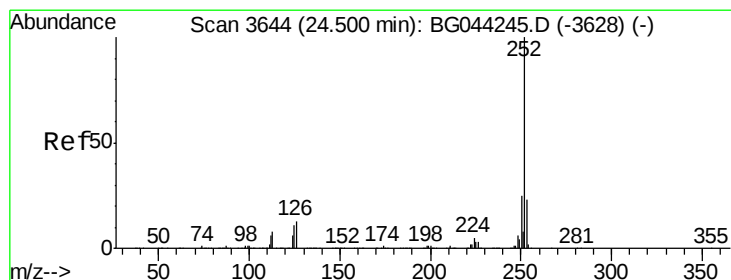
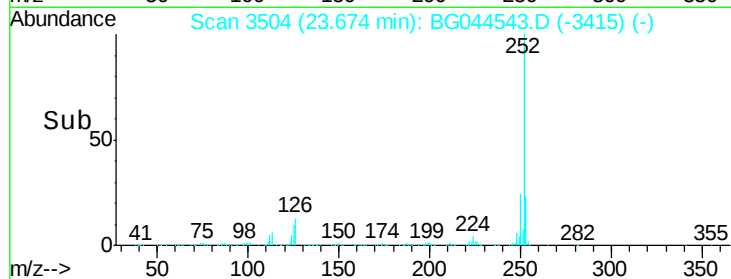
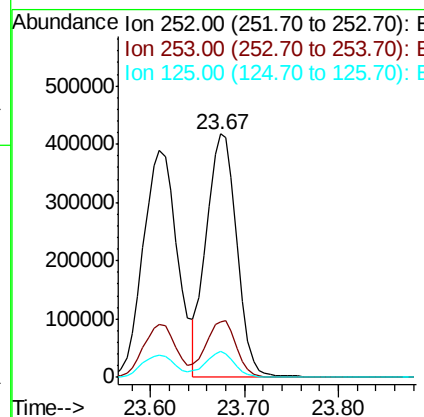
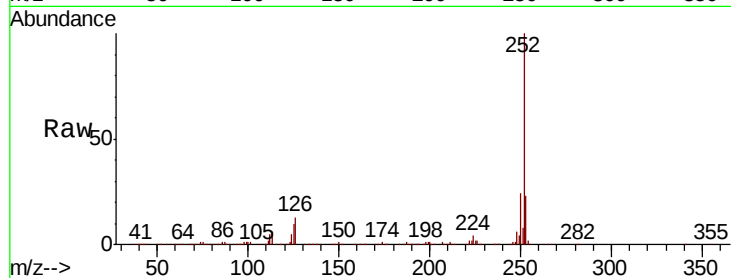




#89
Benzo(k)fluoranthene
Concen: 45.910 ng
RT: 23.67 min Scan# 3504
Delta R.T. -0.01 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

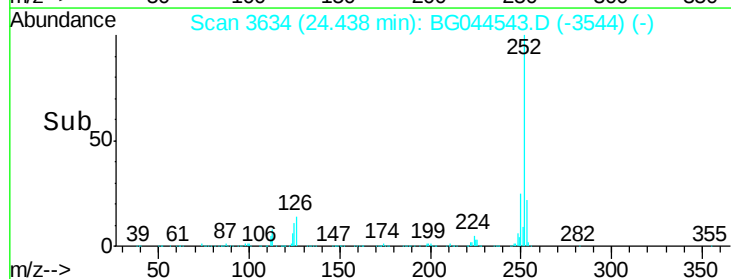
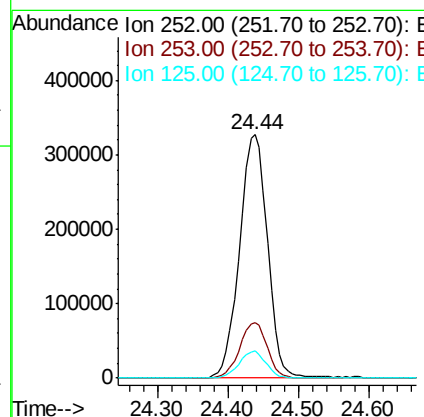
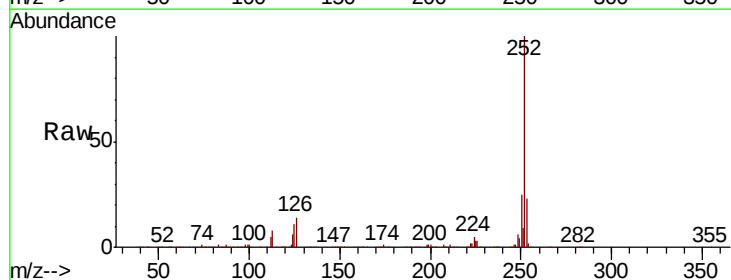
Instrument :
BNA_G
ClientSampleId :

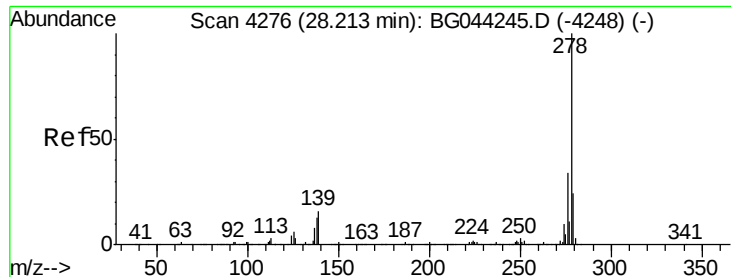
Tot Ion:252 Resp: 942300
Ion Ratio Lower Upper
252 100
253 22.9 19.6 29.4
125 10.5 7.9 11.9



#90
Benzo(a)pyrene
Concen: 45.286 ng
RT: 24.44 min Scan# 3634
Delta R.T. -0.00 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Tgt Ion:252 Resp: 901703
Ion Ratio Lower Upper
252 100
253 22.5 18.9 28.3
125 11.2 8.7 13.1

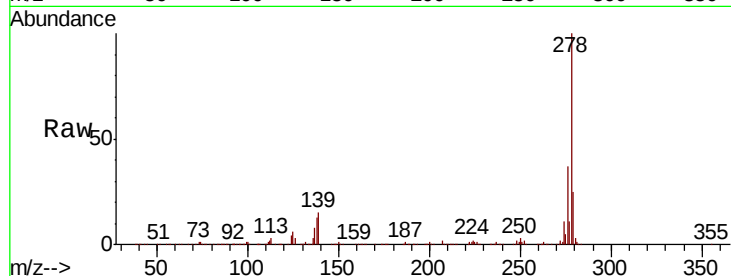




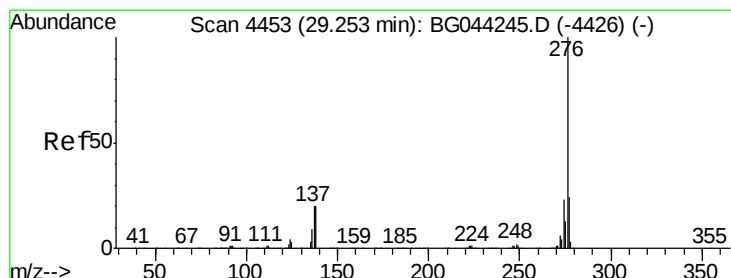
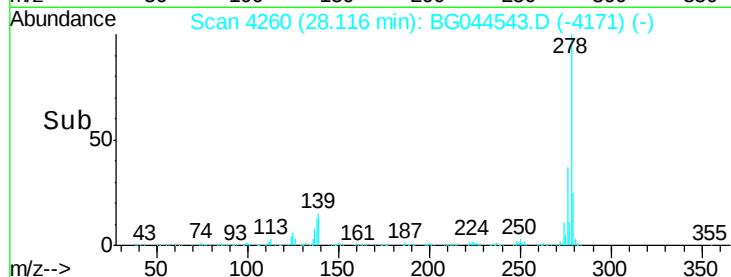
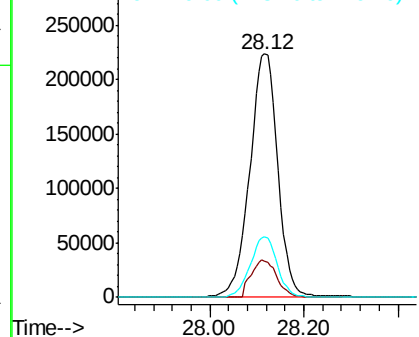
#91
Dibenzo(a,h)anthracene
Concen: 47.275 ng
RT: 28.12 min Scan# 4260
Delta R.T. -0.01 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.1	12.7	19.1
279	25.0	20.2	30.2

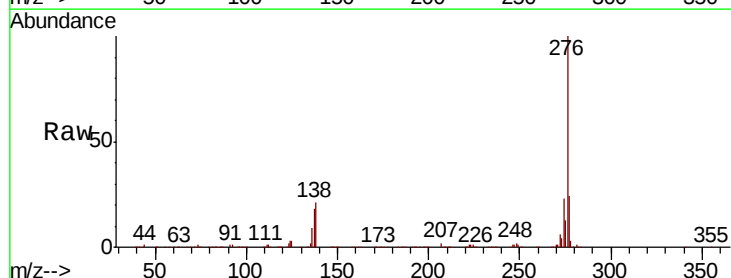


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 48.104 ng
RT: 29.14 min Scan# 4435
Delta R.T. -0.01 min
Lab File: BG044543.D
Acq: 21 Feb 2020 11:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.8	29.8
138	20.7	16.4	24.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

